Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 203**
Serial No.	**580532**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**13/10/2020 10:00**	11.688	9.720	
166	**13/10/2020 11:00**	11.740	9.637	
167	**13/10/2020 12:00**	11.688	9.639	
168	**13/10/2020 13:00**	11.637	9.745	
169	**13/10/2020 14:00**	11.585	9.906	
170	**13/10/2020 15:00**	11.533	10.087	
171	**13/10/2020 16:00**	11.585	10.202	
172	**13/10/2020 17:00**	11.637	10.261	
173	**13/10/2020 18:00**	11.637	10.244	
174	**13/10/2020 19:00**	11.688	10.157	
175	**13/10/2020 20:00**	11.740	10.028	
176	**13/10/2020 21:00**	11.688	9.882	
177	**13/10/2020 22:00**	11.637	9.738	
178	**13/10/2020 23:00**	11.688	9.639	
179	**14/10/2020 00:00**	11.688	9.616	
180	**14/10/2020 01:00**	11.688	9.696	
181	**14/10/2020 02:00**	11.585	9.881	
182	**14/10/2020 03:00**	11.585	10.086	
183	**14/10/2020 04:00**	11.533	10.248	
184	**14/10/2020 05:00**	11.533	10.338	
185	**14/10/2020 06:00**	11.637	10.368	
186	**14/10/2020 07:00**	11.688	10.313	
187	**14/10/2020 08:00**	11.688	10.197	
188	**14/10/2020 09:00**	11.688	10.037	
189	**14/10/2020 10:00**	11.688	9.873	
190	**14/10/2020 11:00**	11.688	9.729	
191	**14/10/2020 12:00**	11.688	9.642	
192	**14/10/2020 13:00**	11.740	9.670	
193	**14/10/2020 14:00**	11.637	9.798	
194	**14/10/2020 15:00**	11.533	10.017	
195	**14/10/2020 16:00**	11.585	10.212	
196	**14/10/2020 17:00**	11.585	10.325	
197	**14/10/2020 18:00**	11.637	10.373	
198	**14/10/2020 19:00**	11.637	10.321	
199	**14/10/2020 20:00**	11.688	10.203	
200	**14/10/2020 21:00**	11.688	10.015	
201	**14/10/2020 22:00**	11.637	9.838	
202	**14/10/2020 23:00**	11.688	9.676	
203	**15/10/2020 00:00**	11.637	9.573	
204	**15/10/2020 01:00**	11.740	9.597	
205	**15/10/2020 02:00**	11.637	9.735	
206	**15/10/2020 03:00**	11.585	9.971	
207	**15/10/2020 04:00**	11.585	10.211	
208	**15/10/2020 05:00**	11.585	10.366	
209	**15/10/2020 06:00**	11.533	10.439	
210	**15/10/2020 07:00**	11.637	10.434	
211	**15/10/2020 08:00**	11.637	10.340	
212	**15/10/2020 09:00**	11.688	10.155	
213	**15/10/2020 10:00**	11.637	9.943	
214	**15/10/2020 11:00**	11.637	9.758	
215	**15/10/2020 12:00**	11.688	9.608	
216	**15/10/2020 13:00**	11.688	9.553	
217	**15/10/2020 14:00**	11.688	9.618	
218	**15/10/2020 15:00**	11.585	9.822	
219	**15/10/2020 16:00**	11.533	10.078	

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Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**15/10/2020 17:00**	11.585	10.263	
221	**15/10/2020 18:00**	11.585	10.363	
222	**15/10/2020 19:00**	11.637	10.376	
223	**15/10/2020 20:00**	11.637	10.288	
224	**15/10/2020 21:00**	11.688	10.104	
225	**15/10/2020 22:00**	11.637	9.884	
226	**15/10/2020 23:00**	11.637	9.688	
227	**16/10/2020 00:00**	11.637	9.527	
228	**16/10/2020 01:00**	11.688	9.440	
229	**16/10/2020 02:00**	11.740	9.509	
230	**16/10/2020 03:00**	11.637	9.702	
231	**16/10/2020 04:00**	11.637	9.994	
232	**16/10/2020 05:00**	11.585	10.240	
233	**16/10/2020 06:00**	11.533	10.380	
234	**16/10/2020 07:00**	11.637	10.437	
235	**16/10/2020 08:00**	11.637	10.402	
236	**16/10/2020 09:00**	11.688	10.258	
237	**16/10/2020 10:00**	11.688	10.025	
238	**16/10/2020 11:00**	11.688	9.808	
239	**16/10/2020 12:00**	11.637	9.599	
240	**16/10/2020 13:00**	11.637	9.477	
241	**16/10/2020 14:00**	11.688	9.471	
242	**16/10/2020 15:00**	11.688	9.604	
243	**16/10/2020 16:00**	11.585	9.869	
244	**16/10/2020 17:00**	11.585	10.147	
245	**16/10/2020 18:00**	11.585	10.314	
246	**16/10/2020 19:00**	11.585	10.387	
247	**16/10/2020 20:00**	11.585	10.358	
248	**16/10/2020 21:00**	11.637	10.200	
249	**16/10/2020 22:00**	11.637	9.964	
250	**16/10/2020 23:00**	11.688	9.733	
251	**17/10/2020 00:00**	11.637	9.520	
252	**17/10/2020 01:00**	11.637	9.371	
253	**17/10/2020 02:00**	11.688	9.337	
254	**17/10/2020 03:00**	11.637	9.451	
255	**17/10/2020 04:00**	11.585	9.710	
256	**17/10/2020 05:00**	11.585	10.036	
257	**17/10/2020 06:00**	11.585	10.267	
258	**17/10/2020 07:00**	11.585	10.383	
259	**17/10/2020 08:00**	11.585	10.416	
260	**17/10/2020 09:00**	11.585	10.337	
261	**17/10/2020 10:00**	11.688	10.131	
262	**17/10/2020 11:00**	11.637	9.878	
263	**17/10/2020 12:00**	11.637	9.646	
264	**17/10/2020 13:00**	11.637	9.461	
265	**17/10/2020 14:00**	11.637	9.367	
266	**17/10/2020 15:00**	11.688	9.411	
267	**17/10/2020 16:00**	11.637	9.613	
268	**17/10/2020 17:00**	11.585	9.926	
269	**17/10/2020 18:00**	11.585	10.180	
270	**17/10/2020 19:00**	11.533	10.318	
271	**17/10/2020 20:00**	11.585	10.374	
272	**17/10/2020 21:00**	11.637	10.305	
273	**17/10/2020 22:00**	11.688	10.106	
274	**17/10/2020 23:00**	11.637	9.856	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**18/10/2020 00:00**	11.688	9.607	
276	**18/10/2020 01:00**	11.637	9.411	
277	**18/10/2020 02:00**	11.688	9.283	
278	**18/10/2020 03:00**	11.688	9.285	
279	**18/10/2020 04:00**	11.637	9.450	
280	**18/10/2020 05:00**	11.585	9.755	
281	**18/10/2020 06:00**	11.585	10.090	
282	**18/10/2020 07:00**	11.585	10.294	
283	**18/10/2020 08:00**	11.585	10.376	
284	**18/10/2020 09:00**	11.585	10.391	
285	**18/10/2020 10:00**	11.637	10.268	
286	**18/10/2020 11:00**	11.688	10.029	
287	**18/10/2020 12:00**	11.585	9.778	
288	**18/10/2020 13:00**	11.637	9.553	
289	**18/10/2020 14:00**	11.688	9.380	
290	**18/10/2020 15:00**	11.688	9.318	
291	**18/10/2020 16:00**	11.637	9.411	
292	**18/10/2020 17:00**	11.585	9.660	
293	**18/10/2020 18:00**	11.585	9.986	
294	**18/10/2020 19:00**	11.585	10.220	
295	**18/10/2020 20:00**	11.637	10.332	
296	**18/10/2020 21:00**	11.585	10.347	
297	**18/10/2020 22:00**	11.637	10.236	
298	**18/10/2020 23:00**	11.637	10.011	
299	**19/10/2020 00:00**	11.637	9.735	
300	**19/10/2020 01:00**	11.637	9.509	
301	**19/10/2020 02:00**	11.688	9.320	
302	**19/10/2020 03:00**	11.688	9.204	
303	**19/10/2020 04:00**	11.637	9.236	
304	**19/10/2020 05:00**	11.637	9.439	
305	**19/10/2020 06:00**	11.585	9.765	
306	**19/10/2020 07:00**	11.533	10.077	
307	**19/10/2020 08:00**	11.585	10.236	
308	**19/10/2020 09:00**	11.585	10.318	
309	**19/10/2020 10:00**	11.637	10.284	
310	**19/10/2020 11:00**	11.637	10.110	
311	**19/10/2020 12:00**	11.585	9.857	
312	**19/10/2020 13:00**	11.637	9.630	
313	**19/10/2020 14:00**	11.637	9.418	
314	**19/10/2020 15:00**	11.637	9.262	
315	**19/10/2020 16:00**	11.688	9.249	
316	**19/10/2020 17:00**	11.637	9.368	
317	**19/10/2020 18:00**	11.585	9.658	
318	**19/10/2020 19:00**	11.585	9.944	
319	**19/10/2020 20:00**	11.585	10.154	
320	**19/10/2020 21:00**	11.533	10.242	
321	**19/10/2020 22:00**	11.637	10.229	
322	**19/10/2020 23:00**	11.688	10.069	
323	**20/10/2020 00:00**	11.637	9.815	
324	**20/10/2020 01:00**	11.637	9.567	
325	**20/10/2020 02:00**	11.637	9.347	
326	**20/10/2020 03:00**	11.688	9.162	
327	**20/10/2020 04:00**	11.688	9.078	
328	**20/10/2020 05:00**	11.688	9.133	
329	**20/10/2020 06:00**	11.585	9.360	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**20/10/2020 07:00**	11.585	9.666	
331	**20/10/2020 08:00**	11.585	9.949	
332	**20/10/2020 09:00**	11.585	10.105	
333	**20/10/2020 10:00**	11.585	10.146	
334	**20/10/2020 11:00**	11.688	10.068	
335	**20/10/2020 12:00**	11.688	9.881	
336	**20/10/2020 13:00**	11.637	9.639	
337	**20/10/2020 14:00**	11.688	9.416	
338	**20/10/2020 15:00**	11.637	9.207	
339	**20/10/2020 16:00**	11.688	9.094	
340	**20/10/2020 17:00**	11.637	9.098	
341	**20/10/2020 18:00**	11.688	9.265	
342	**20/10/2020 19:00**	11.585	9.557	
343	**20/10/2020 20:00**	11.585	9.856	
344	**20/10/2020 21:00**	11.585	10.049	
345	**20/10/2020 22:00**	11.585	10.142	
346	**20/10/2020 23:00**	11.585	10.138	
347	**21/10/2020 00:00**	11.637	9.997	
348	**21/10/2020 01:00**	11.740	9.807	
349	**21/10/2020 02:00**	11.688	9.594	
350	**21/10/2020 03:00**	11.585	9.418	
351	**21/10/2020 04:00**	11.688	9.252	
352	**21/10/2020 05:00**	11.637	9.193	
353	**21/10/2020 06:00**	11.637	9.253	
354	**21/10/2020 07:00**	11.585	9.470	
355	**21/10/2020 08:00**	11.585	9.748	
356	**21/10/2020 09:00**	11.585	9.997	
357	**21/10/2020 10:00**	11.637	10.114	
358	**21/10/2020 11:00**	11.585	10.155	
359	**21/10/2020 12:00**	11.637	10.079	
360	**21/10/2020 13:00**	11.688	9.904	
361	**21/10/2020 14:00**	11.688	9.702	
362	**21/10/2020 15:00**	11.688	9.516	
363	**21/10/2020 16:00**	11.688	9.345	
364	**21/10/2020 17:00**	11.637	9.247	
365	**21/10/2020 18:00**	11.688	9.266	
366	**21/10/2020 19:00**	11.585	9.419	
367	**21/10/2020 20:00**	11.585	9.680	
368	**21/10/2020 21:00**	11.585	9.926	
369	**21/10/2020 22:00**	11.585	10.101	
370	**21/10/2020 23:00**	11.585	10.180	
371	**22/10/2020 00:00**	11.637	10.161	
372	**22/10/2020 01:00**	11.637	10.054	
373	**22/10/2020 02:00**	11.688	9.899	
374	**22/10/2020 03:00**	11.688	9.728	
375	**22/10/2020 04:00**	11.637	9.568	
376	**22/10/2020 05:00**	11.637	9.431	
377	**22/10/2020 06:00**	11.688	9.382	
378	**22/10/2020 07:00**	11.688	9.438	
379	**22/10/2020 08:00**	11.585	9.604	
380	**22/10/2020 09:00**	11.585	9.832	
381	**22/10/2020 10:00**	11.585	10.030	
382	**22/10/2020 11:00**	11.585	10.129	
383	**22/10/2020 12:00**	11.585	10.146	
384	**22/10/2020 13:00**	11.585	10.077	

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385	**22/10/2020 14:00**	11.637	9.934	
386	**22/10/2020 15:00**	11.637	9.766	
387	**22/10/2020 16:00**	11.637	9.594	
388	**22/10/2020 17:00**	11.637	9.445	
389	**22/10/2020 18:00**	11.688	9.375	
390	**22/10/2020 19:00**	11.688	9.394	
391	**22/10/2020 20:00**	11.637	9.522	
392	**22/10/2020 21:00**	11.585	9.738	
393	**22/10/2020 22:00**	11.585	9.948	
394	**22/10/2020 23:00**	11.585	10.105	
395	**23/10/2020 00:00**	11.585	10.172	
396	**23/10/2020 01:00**	11.585	10.159	
397	**23/10/2020 02:00**	11.585	10.079	
398	**23/10/2020 03:00**	11.585	9.948	
399	**23/10/2020 04:00**	11.637	9.804	
400	**23/10/2020 05:00**	11.637	9.637	
401	**23/10/2020 06:00**	11.637	9.493	
402	**23/10/2020 07:00**	11.637	9.429	
403	**23/10/2020 08:00**	11.688	9.448	
404	**23/10/2020 09:00**	11.585	9.573	
405	**23/10/2020 10:00**	11.585	9.737	
406	**23/10/2020 11:00**	11.585	9.904	
407	**23/10/2020 12:00**	11.585	10.010	
408	**23/10/2020 13:00**	11.585	10.024	
409	**23/10/2020 14:00**	11.585	9.962	
410	**23/10/2020 15:00**	11.688	9.864	
411	**23/10/2020 16:00**	11.740	9.745	
412	**23/10/2020 17:00**	11.688	9.609	
413	**23/10/2020 18:00**	11.688	9.487	
414	**23/10/2020 19:00**	11.637	9.403	
415	**23/10/2020 20:00**	11.688	9.397	
416	**23/10/2020 21:00**	11.585	9.491	
417	**23/10/2020 22:00**	11.637	9.673	
418	**23/10/2020 23:00**	11.585	9.866	
419	**24/10/2020 00:00**	11.585	10.005	
420	**24/10/2020 01:00**	11.585	10.087	
421	**24/10/2020 02:00**	11.585	10.107	
422	**24/10/2020 03:00**	11.585	10.039	
423	**24/10/2020 04:00**	11.637	9.955	
424	**24/10/2020 05:00**	11.585	9.832	
425	**24/10/2020 06:00**	11.740	9.693	
426	**24/10/2020 07:00**	11.637	9.572	
427	**24/10/2020 08:00**	11.637	9.475	
428	**24/10/2020 09:00**	11.740	9.430	
429	**24/10/2020 10:00**	11.637	9.475	
430	**24/10/2020 11:00**	11.637	9.553	
431	**24/10/2020 12:00**	11.637	9.668	
432	**24/10/2020 13:00**	11.585	9.744	
433	**24/10/2020 14:00**	11.637	9.783	
434	**24/10/2020 15:00**	11.637	9.780	
435	**24/10/2020 16:00**	11.637	9.708	
436	**24/10/2020 17:00**	11.688	9.601	
437	**24/10/2020 18:00**	11.688	9.492	
438	**24/10/2020 19:00**	11.637	9.381	
439	**24/10/2020 20:00**	11.688	9.315	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**24/10/2020 21:00**	11.688	9.308	
441	**24/10/2020 22:00**	11.637	9.378	
442	**24/10/2020 23:00**	11.585	9.518	
443	**25/10/2020 00:00**	11.585	9.712	
444	**25/10/2020 01:00**	11.585	9.851	
445	**25/10/2020 02:00**	11.585	9.965	
446	**25/10/2020 02:00**	11.585	10.000	
447	**25/10/2020 03:00**	11.585	9.987	
448	**25/10/2020 04:00**	11.637	9.925	
449	**25/10/2020 05:00**	11.637	9.813	
450	**25/10/2020 06:00**	11.688	9.683	
451	**25/10/2020 07:00**	11.585	9.546	
452	**25/10/2020 08:00**	11.637	9.446	
453	**25/10/2020 09:00**	11.688	9.394	
454	**25/10/2020 10:00**	11.688	9.440	
455	**25/10/2020 11:00**	11.585	9.546	
456	**25/10/2020 12:00**	11.585	9.680	
457	**25/10/2020 13:00**	11.585	9.787	
458	**25/10/2020 14:00**	11.585	9.873	
459	**25/10/2020 15:00**	11.585	9.877	
460	**25/10/2020 16:00**	11.637	9.829	
461	**25/10/2020 17:00**	11.637	9.730	
462	**25/10/2020 18:00**	11.637	9.604	
463	**25/10/2020 19:00**	11.637	9.481	
464	**25/10/2020 20:00**	11.585	9.358	
465	**25/10/2020 21:00**	11.688	9.321	
466	**25/10/2020 22:00**	11.637	9.339	
467	**25/10/2020 23:00**	11.585	9.457	
468	**26/10/2020 00:00**	11.585	9.630	
469	**26/10/2020 01:00**	11.585	9.808	
470	**26/10/2020 02:00**	11.533	9.946	
471	**26/10/2020 03:00**	11.585	10.035	
472	**26/10/2020 04:00**	11.585	10.038	
473	**26/10/2020 05:00**	11.585	10.003	
474	**26/10/2020 06:00**	11.585	9.916	
475	**26/10/2020 07:00**	11.585	9.783	
476	**26/10/2020 08:00**	11.637	9.643	
477	**26/10/2020 09:00**	11.637	9.526	
478	**26/10/2020 10:00**	11.740	9.461	
479	**26/10/2020 11:00**	11.585	9.486	
480	**26/10/2020 12:00**	11.637	9.597	
481	**26/10/2020 13:00**	11.585	9.744	
482	**26/10/2020 14:00**	11.585	9.895	
483	**26/10/2020 15:00**	11.585	9.989	
484	**26/10/2020 16:00**	11.637	10.016	
485	**26/10/2020 17:00**	11.637	9.962	
486	**26/10/2020 18:00**	11.637	9.857	
487	**26/10/2020 19:00**	11.688	9.737	
488	**26/10/2020 20:00**	11.688	9.598	
489	**26/10/2020 21:00**	11.688	9.495	
490	**26/10/2020 22:00**	11.688	9.440	
491	**26/10/2020 23:00**	11.585	9.474	
492	**27/10/2020 00:00**	11.585	9.584	
493	**27/10/2020 01:00**	11.585	9.761	
494	**27/10/2020 02:00**	11.585	9.945	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**27/10/2020 03:00**	11.585	10.083	
496	**27/10/2020 04:00**	11.585	10.143	
497	**27/10/2020 05:00**	11.637	10.137	
498	**27/10/2020 06:00**	11.585	10.073	
499	**27/10/2020 07:00**	11.585	9.932	
500	**27/10/2020 08:00**	11.637	9.773	
501	**27/10/2020 09:00**	11.637	9.607	
502	**27/10/2020 10:00**	11.637	9.486	
503	**27/10/2020 11:00**	11.688	9.408	
504	**27/10/2020 12:00**	11.637	9.461	
505	**27/10/2020 13:00**	11.637	9.596	
506	**27/10/2020 14:00**	11.585	9.762	
507	**27/10/2020 15:00**	11.585	9.910	
508	**27/10/2020 16:00**	11.585	9.987	
509	**27/10/2020 17:00**	11.637	9.977	
510	**27/10/2020 18:00**	11.688	9.880	
511	**27/10/2020 19:00**	11.688	9.751	
512	**27/10/2020 20:00**	11.637	9.579	
513	**27/10/2020 21:00**	11.688	9.440	
514	**27/10/2020 22:00**	11.637	9.324	
515	**27/10/2020 23:00**	11.637	9.273	
516	**28/10/2020 00:00**	11.637	9.327	
517	**28/10/2020 01:00**	11.637	9.479	
518	**28/10/2020 02:00**	11.585	9.677	
519	**28/10/2020 03:00**	11.585	9.899	
520	**28/10/2020 04:00**	11.585	10.023	
521	**28/10/2020 05:00**	11.585	10.092	
522	**28/10/2020 06:00**	11.585	10.058	
523	**28/10/2020 07:00**	11.637	9.965	
524	**28/10/2020 08:00**	11.688	9.815	
525	**28/10/2020 09:00**	11.637	9.642	
526	**28/10/2020 10:00**	11.637	9.482	
527	**28/10/2020 11:00**	11.688	9.378	
528	**28/10/2020 12:00**	11.688	9.362	
529	**28/10/2020 13:00**	11.637	9.451	
530	**28/10/2020 14:00**	11.585	9.638	
531	**28/10/2020 15:00**	11.585	9.837	
532	**28/10/2020 16:00**	11.585	9.986	
533	**28/10/2020 17:00**	11.585	10.040	
534	**28/10/2020 18:00**	11.585	10.013	
535	**28/10/2020 19:00**	11.637	9.900	
536	**28/10/2020 20:00**	11.688	9.745	
537	**28/10/2020 21:00**	11.637	9.568	
538	**28/10/2020 22:00**	11.688	9.426	
539	**28/10/2020 23:00**	11.688	9.317	
540	**29/10/2020 00:00**	11.688	9.306	
541	**29/10/2020 01:00**	11.585	9.399	
542	**29/10/2020 02:00**	11.585	9.605	
543	**29/10/2020 03:00**	11.585	9.834	
544	**29/10/2020 04:00**	11.585	10.020	
545	**29/10/2020 05:00**	11.585	10.137	
546	**29/10/2020 06:00**	11.585	10.139	
547	**29/10/2020 07:00**	11.637	10.067	
548	**29/10/2020 08:00**	11.637	9.944	
549	**29/10/2020 09:00**	11.637	9.768	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**29/10/2020 10:00**	11.637	9.604	
551	**29/10/2020 11:00**	11.637	9.459	
552	**29/10/2020 12:00**	11.637	9.377	
553	**29/10/2020 13:00**	11.637	9.409	
554	**29/10/2020 14:00**	11.533	9.549	
555	**29/10/2020 15:00**	11.585	9.758	
556	**29/10/2020 16:00**	11.585	9.953	
557	**29/10/2020 17:00**	11.585	10.045	
558	**29/10/2020 18:00**	11.637	10.063	
559	**29/10/2020 19:00**	11.637	9.980	
560	**29/10/2020 20:00**	11.688	9.822	
561	**29/10/2020 21:00**	11.637	9.626	
562	**29/10/2020 22:00**	11.637	9.452	
563	**29/10/2020 23:00**	11.688	9.292	
564	**30/10/2020 00:00**	11.637	9.227	
565	**30/10/2020 01:00**	11.637	9.243	
566	**30/10/2020 02:00**	11.585	9.400	
567	**30/10/2020 03:00**	11.585	9.634	
568	**30/10/2020 04:00**	11.585	9.878	
569	**30/10/2020 05:00**	11.585	10.028	
570	**30/10/2020 06:00**	11.585	10.115	
571	**30/10/2020 07:00**	11.585	10.074	
572	**30/10/2020 08:00**	11.637	9.966	
573	**30/10/2020 09:00**	11.637	9.802	
574	**30/10/2020 10:00**	11.688	9.636	
575	**30/10/2020 11:00**	11.637	9.482	
576	**30/10/2020 12:00**	11.637	9.359	
577	**30/10/2020 13:00**	11.688	9.346	
578	**30/10/2020 14:00**	11.637	9.444	
579	**30/10/2020 15:00**	11.585	9.677	
580	**30/10/2020 16:00**	11.585	9.933	
581	**30/10/2020 17:00**	11.585	10.097	
582	**30/10/2020 18:00**	11.637	10.186	
583	**30/10/2020 19:00**	11.585	10.161	
584	**30/10/2020 20:00**	11.637	10.033	
585	**30/10/2020 21:00**	11.637	9.852	
586	**30/10/2020 22:00**	11.637	9.648	
587	**30/10/2020 23:00**	11.637	9.471	
588	**31/10/2020 00:00**	11.637	9.320	
589	**31/10/2020 01:00**	11.688	9.265	
590	**31/10/2020 02:00**	11.585	9.348	
591	**31/10/2020 03:00**	11.637	9.551	
592	**31/10/2020 04:00**	11.533	9.780	
593	**31/10/2020 05:00**	11.585	9.981	
594	**31/10/2020 06:00**	11.533	10.077	
595	**31/10/2020 07:00**	11.585	10.099	
596	**31/10/2020 08:00**	11.585	10.003	
597	**31/10/2020 09:00**	11.637	9.831	
598	**31/10/2020 10:00**	11.637	9.635	
599	**31/10/2020 11:00**	11.637	9.467	
600	**31/10/2020 12:00**	11.637	9.285	
601	**31/10/2020 13:00**	11.637	9.230	
602	**31/10/2020 14:00**	11.688	9.269	
603	**31/10/2020 15:00**	11.637	9.432	
604	**31/10/2020 16:00**	11.637	9.663	

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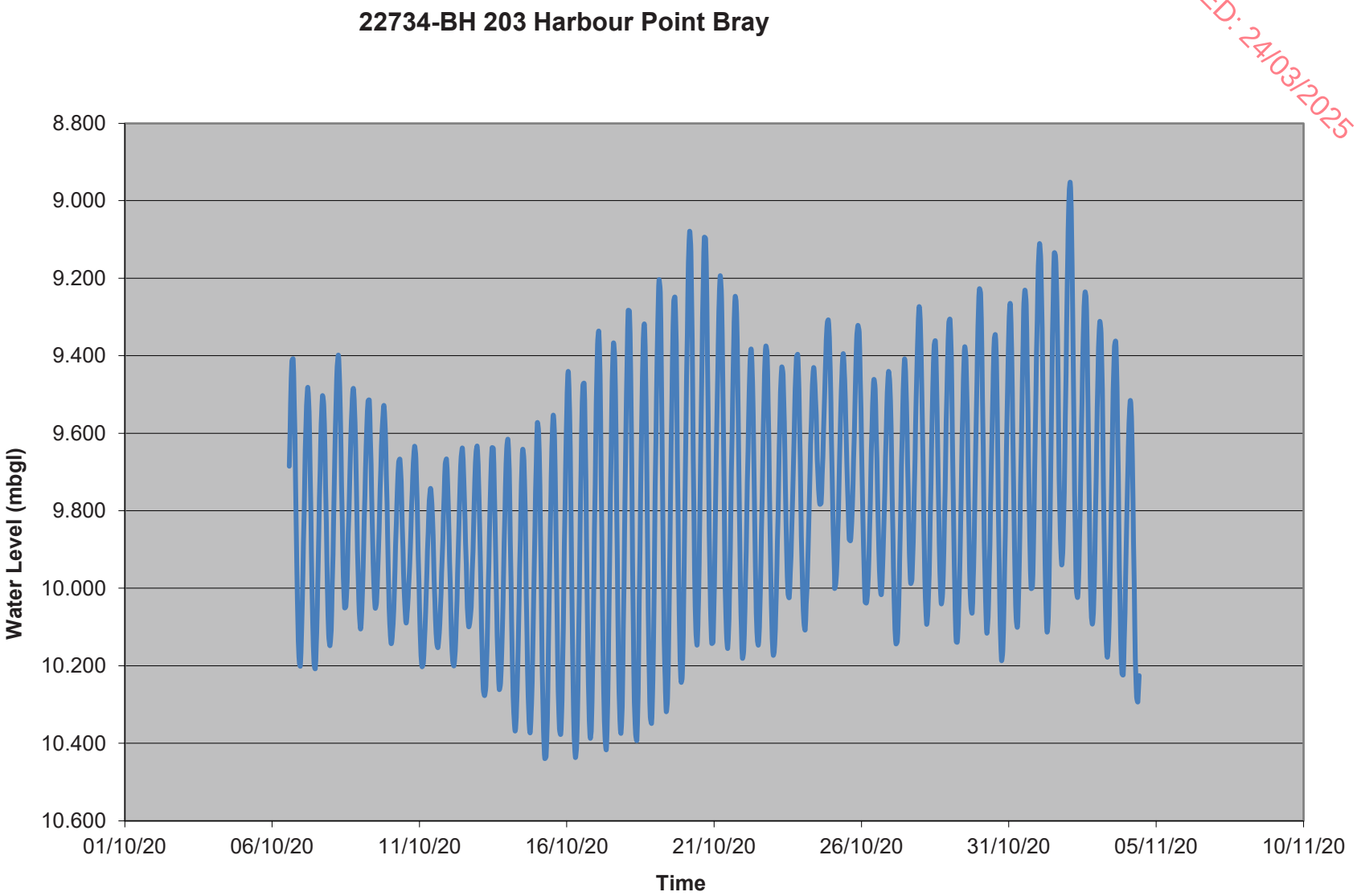
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**31/10/2020 17:00**	11.637	9.874	
606	**31/10/2020 18:00**	11.533	10.000	
607	**31/10/2020 19:00**	11.585	9.998	
608	**31/10/2020 20:00**	11.637	9.899	
609	**31/10/2020 21:00**	11.637	9.692	
610	**31/10/2020 22:00**	11.637	9.488	
611	**31/10/2020 23:00**	11.637	9.307	
612	**01/11/2020 00:00**	11.688	9.167	
613	**01/11/2020 01:00**	11.637	9.110	
614	**01/11/2020 02:00**	11.688	9.161	
615	**01/11/2020 03:00**	11.637	9.327	
616	**01/11/2020 04:00**	11.637	9.561	
617	**01/11/2020 05:00**	11.585	9.828	
618	**01/11/2020 06:00**	11.533	10.018	
619	**01/11/2020 07:00**	11.585	10.112	
620	**01/11/2020 08:00**	11.637	10.074	
621	**01/11/2020 09:00**	11.585	9.932	
622	**01/11/2020 10:00**	11.637	9.710	
623	**01/11/2020 11:00**	11.637	9.466	
624	**01/11/2020 12:00**	11.637	9.255	
625	**01/11/2020 13:00**	11.637	9.135	
626	**01/11/2020 14:00**	11.688	9.145	
627	**01/11/2020 15:00**	11.585	9.250	
628	**01/11/2020 16:00**	11.637	9.461	
629	**01/11/2020 17:00**	11.585	9.717	
630	**01/11/2020 18:00**	11.585	9.871	
631	**01/11/2020 19:00**	11.585	9.940	
632	**01/11/2020 20:00**	11.585	9.889	
633	**01/11/2020 21:00**	11.637	9.751	
634	**01/11/2020 22:00**	11.637	9.559	
635	**01/11/2020 23:00**	11.637	9.326	
636	**02/11/2020 00:00**	11.637	9.122	
637	**02/11/2020 01:00**	11.637	8.982	
638	**02/11/2020 02:00**	11.637	8.953	
639	**02/11/2020 03:00**	11.688	9.063	
640	**02/11/2020 04:00**	11.585	9.309	
641	**02/11/2020 05:00**	11.585	9.613	
642	**02/11/2020 06:00**	11.637	9.863	
643	**02/11/2020 07:00**	11.585	10.004	
644	**02/11/2020 08:00**	11.585	10.023	
645	**02/11/2020 09:00**	11.585	9.946	
646	**02/11/2020 10:00**	11.585	9.788	
647	**02/11/2020 11:00**	11.637	9.616	
648	**02/11/2020 12:00**	11.637	9.433	
649	**02/11/2020 13:00**	11.637	9.296	
650	**02/11/2020 14:00**	11.637	9.235	
651	**02/11/2020 15:00**	11.637	9.254	
652	**02/11/2020 16:00**	11.637	9.428	
653	**02/11/2020 17:00**	11.585	9.676	
654	**02/11/2020 18:00**	11.533	9.924	
655	**02/11/2020 19:00**	11.533	10.065	
656	**02/11/2020 20:00**	11.533	10.092	
657	**02/11/2020 21:00**	11.533	10.047	
658	**02/11/2020 22:00**	11.585	9.907	
659	**02/11/2020 23:00**	11.637	9.716	

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660	**03/11/2020 00:00**	11.637	9.533	
661	**03/11/2020 01:00**	11.637	9.378	
662	**03/11/2020 02:00**	11.688	9.311	
663	**03/11/2020 03:00**	11.637	9.342	
664	**03/11/2020 04:00**	11.585	9.487	
665	**03/11/2020 05:00**	11.637	9.734	
666	**03/11/2020 06:00**	11.585	9.948	
667	**03/11/2020 07:00**	11.585	10.113	
668	**03/11/2020 08:00**	11.637	10.177	
669	**03/11/2020 09:00**	11.637	10.148	
670	**03/11/2020 10:00**	11.585	10.034	
671	**03/11/2020 11:00**	11.637	9.852	
672	**03/11/2020 12:00**	11.585	9.657	
673	**03/11/2020 13:00**	11.637	9.488	
674	**03/11/2020 14:00**	11.637	9.376	
675	**03/11/2020 15:00**	11.688	9.363	
676	**03/11/2020 16:00**	11.637	9.481	
677	**03/11/2020 17:00**	11.533	9.702	
678	**03/11/2020 18:00**	11.533	9.946	
679	**03/11/2020 19:00**	11.637	10.124	
680	**03/11/2020 20:00**	11.533	10.218	
681	**03/11/2020 21:00**	11.585	10.223	
682	**03/11/2020 22:00**	11.637	10.133	
683	**03/11/2020 23:00**	11.585	9.982	
684	**04/11/2020 00:00**	11.637	9.817	
685	**04/11/2020 01:00**	11.637	9.671	
686	**04/11/2020 02:00**	11.637	9.551	
687	**04/11/2020 03:00**	11.688	9.515	
688	**04/11/2020 04:00**	11.637	9.582	
689	**04/11/2020 05:00**	11.585	9.768	
690	**04/11/2020 06:00**	11.585	9.993	
691	**04/11/2020 07:00**	11.585	10.181	
692	**04/11/2020 08:00**	11.585	10.280	
693	**04/11/2020 09:00**	11.533	10.293	
694	**04/11/2020 10:00**	11.585	10.225	

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1	**04/11/2020 13:00**	11.643	10.003	
2	**04/11/2020 14:00**	11.637	9.883	
3	**04/11/2020 15:00**	11.585	9.804	
4	**04/11/2020 16:00**	11.688	9.841	
5	**04/11/2020 17:00**	11.688	9.972	
6	**04/11/2020 18:00**	11.585	10.188	
7	**04/11/2020 19:00**	11.637	10.401	
8	**04/11/2020 20:00**	11.533	10.538	
9	**04/11/2020 21:00**	11.585	10.596	
10	**04/11/2020 22:00**	11.533	10.580	
11	**04/11/2020 23:00**	11.585	10.481	
12	**05/11/2020 00:00**	11.585	10.333	
13	**05/11/2020 01:00**	11.637	10.176	
14	**05/11/2020 02:00**	11.637	10.030	
15	**05/11/2020 03:00**	11.637	9.931	
16	**05/11/2020 04:00**	11.688	9.913	
17	**05/11/2020 05:00**	11.637	10.003	
18	**05/11/2020 06:00**	11.585	10.179	
19	**05/11/2020 07:00**	11.637	10.361	
20	**05/11/2020 08:00**	11.533	10.504	
21	**05/11/2020 09:00**	11.585	10.560	
22	**05/11/2020 10:00**	11.585	10.548	
23	**05/11/2020 11:00**	11.585	10.434	
24	**05/11/2020 12:00**	11.637	10.284	
25	**05/11/2020 13:00**	11.585	10.128	
26	**05/11/2020 14:00**	11.637	9.991	
27	**05/11/2020 15:00**	11.585	9.880	
28	**05/11/2020 16:00**	11.637	9.853	
29	**05/11/2020 17:00**	11.637	9.916	
30	**05/11/2020 18:00**	11.637	10.083	
31	**05/11/2020 19:00**	11.637	10.291	
32	**05/11/2020 20:00**	11.533	10.458	
33	**05/11/2020 21:00**	11.585	10.563	
34	**05/11/2020 22:00**	11.533	10.580	
35	**05/11/2020 23:00**	11.585	10.532	
36	**06/11/2020 00:00**	11.533	10.404	
37	**06/11/2020 01:00**	11.637	10.249	
38	**06/11/2020 02:00**	11.637	10.086	
39	**06/11/2020 03:00**	11.637	9.962	
40	**06/11/2020 04:00**	11.585	9.883	
41	**06/11/2020 05:00**	11.740	9.901	
42	**06/11/2020 06:00**	11.637	10.001	
43	**06/11/2020 07:00**	11.637	10.175	
44	**06/11/2020 08:00**	11.533	10.346	
45	**06/11/2020 09:00**	11.637	10.452	
46	**06/11/2020 10:00**	11.637	10.495	
47	**06/11/2020 11:00**	11.585	10.471	
48	**06/11/2020 12:00**	11.533	10.368	
49	**06/11/2020 13:00**	11.637	10.230	
50	**06/11/2020 14:00**	11.637	10.085	
51	**06/11/2020 15:00**	11.637	9.951	
52	**06/11/2020 16:00**	11.637	9.854	
53	**06/11/2020 17:00**	11.688	9.848	
54	**06/11/2020 18:00**	11.637	9.924	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**06/11/2020 19:00**	11.637	10.072	
56	**06/11/2020 20:00**	11.585	10.260	
57	**06/11/2020 21:00**	11.585	10.395	
58	**06/11/2020 22:00**	11.637	10.471	
59	**06/11/2020 23:00**	11.637	10.480	
60	**07/11/2020 00:00**	11.637	10.403	
61	**07/11/2020 01:00**	11.585	10.290	
62	**07/11/2020 02:00**	11.637	10.165	
63	**07/11/2020 03:00**	11.637	10.028	
64	**07/11/2020 04:00**	11.637	9.917	
65	**07/11/2020 05:00**	11.637	9.871	
66	**07/11/2020 06:00**	11.688	9.895	
67	**07/11/2020 07:00**	11.585	9.998	
68	**07/11/2020 08:00**	11.637	10.158	
69	**07/11/2020 09:00**	11.637	10.318	
70	**07/11/2020 10:00**	11.637	10.399	
71	**07/11/2020 11:00**	11.637	10.431	
72	**07/11/2020 12:00**	11.585	10.372	
73	**07/11/2020 13:00**	11.637	10.279	
74	**07/11/2020 14:00**	11.585	10.140	
75	**07/11/2020 15:00**	11.637	10.017	
76	**07/11/2020 16:00**	11.637	9.898	
77	**07/11/2020 17:00**	11.637	9.812	
78	**07/11/2020 18:00**	11.688	9.790	
79	**07/11/2020 19:00**	11.688	9.882	
80	**07/11/2020 20:00**	11.688	10.031	
81	**07/11/2020 21:00**	11.533	10.208	
82	**07/11/2020 22:00**	11.585	10.350	
83	**07/11/2020 23:00**	11.585	10.432	
84	**08/11/2020 00:00**	11.637	10.442	
85	**08/11/2020 01:00**	11.637	10.403	
86	**08/11/2020 02:00**	11.637	10.319	
87	**08/11/2020 03:00**	11.637	10.204	
88	**08/11/2020 04:00**	11.533	10.089	
89	**08/11/2020 05:00**	11.637	9.975	
90	**08/11/2020 06:00**	11.688	9.917	
91	**08/11/2020 07:00**	11.688	9.919	
92	**08/11/2020 08:00**	11.637	10.011	
93	**08/11/2020 09:00**	11.585	10.141	
94	**08/11/2020 10:00**	11.637	10.275	
95	**08/11/2020 11:00**	11.637	10.354	
96	**08/11/2020 12:00**	11.585	10.374	
97	**08/11/2020 13:00**	11.533	10.333	
98	**08/11/2020 14:00**	11.585	10.248	
99	**08/11/2020 15:00**	11.585	10.130	
100	**08/11/2020 16:00**	11.637	10.030	
101	**08/11/2020 17:00**	11.637	9.915	
102	**08/11/2020 18:00**	11.637	9.838	
103	**08/11/2020 19:00**	11.740	9.822	
104	**08/11/2020 20:00**	11.637	9.894	
105	**08/11/2020 21:00**	11.585	10.034	
106	**08/11/2020 22:00**	11.533	10.208	
107	**08/11/2020 23:00**	11.637	10.341	
108	**09/11/2020 00:00**	11.533	10.429	
109	**09/11/2020 01:00**	11.533	10.453	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**09/11/2020 02:00**	11.637	10.423	
111	**09/11/2020 03:00**	11.585	10.347	
112	**09/11/2020 04:00**	11.637	10.226	
113	**09/11/2020 05:00**	11.585	10.104	
114	**09/11/2020 06:00**	11.688	9.976	
115	**09/11/2020 07:00**	11.688	9.898	
116	**09/11/2020 08:00**	11.637	9.887	
117	**09/11/2020 09:00**	11.637	9.965	
118	**09/11/2020 10:00**	11.533	10.082	
119	**09/11/2020 11:00**	11.585	10.212	
120	**09/11/2020 12:00**	11.585	10.303	
121	**09/11/2020 13:00**	11.637	10.344	
122	**09/11/2020 14:00**	11.585	10.331	
123	**09/11/2020 15:00**	11.585	10.276	
124	**09/11/2020 16:00**	11.533	10.173	
125	**09/11/2020 17:00**	11.585	10.070	
126	**09/11/2020 18:00**	11.688	9.944	
127	**09/11/2020 19:00**	11.637	9.841	
128	**09/11/2020 20:00**	11.688	9.809	
129	**09/11/2020 21:00**	11.740	9.854	
130	**09/11/2020 22:00**	11.585	9.980	
131	**09/11/2020 23:00**	11.637	10.157	
132	**10/11/2020 00:00**	11.585	10.317	
133	**10/11/2020 01:00**	11.533	10.428	
134	**10/11/2020 02:00**	11.637	10.473	
135	**10/11/2020 03:00**	11.637	10.461	
136	**10/11/2020 04:00**	11.533	10.389	
137	**10/11/2020 05:00**	11.585	10.296	
138	**10/11/2020 06:00**	11.585	10.163	
139	**10/11/2020 07:00**	11.637	10.024	
140	**10/11/2020 08:00**	11.688	9.925	
141	**10/11/2020 09:00**	11.637	9.882	
142	**10/11/2020 10:00**	11.637	9.938	
143	**10/11/2020 11:00**	11.533	10.059	
144	**10/11/2020 12:00**	11.585	10.197	
145	**10/11/2020 13:00**	11.585	10.324	
146	**10/11/2020 14:00**	11.585	10.387	
147	**10/11/2020 15:00**	11.585	10.402	
148	**10/11/2020 16:00**	11.585	10.346	
149	**10/11/2020 17:00**	11.637	10.242	
150	**10/11/2020 18:00**	11.585	10.116	
151	**10/11/2020 19:00**	11.637	9.983	
152	**10/11/2020 20:00**	11.637	9.861	
153	**10/11/2020 21:00**	11.637	9.789	
154	**10/11/2020 22:00**	11.740	9.830	
155	**10/11/2020 23:00**	11.688	9.960	
156	**11/11/2020 00:00**	11.585	10.136	
157	**11/11/2020 01:00**	11.637	10.314	
158	**11/11/2020 02:00**	11.533	10.439	
159	**11/11/2020 03:00**	11.637	10.496	
160	**11/11/2020 04:00**	11.637	10.478	
161	**11/11/2020 05:00**	11.533	10.389	
162	**11/11/2020 06:00**	11.585	10.247	
163	**11/11/2020 07:00**	11.585	10.095	
164	**11/11/2020 08:00**	11.637	9.931	

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165	**11/11/2020 09:00**	11.585	9.807	
166	**11/11/2020 10:00**	11.637	9.760	
167	**11/11/2020 11:00**	11.637	9.810	
168	**11/11/2020 12:00**	11.637	9.956	
169	**11/11/2020 13:00**	11.533	10.127	
170	**11/11/2020 14:00**	11.533	10.258	
171	**11/11/2020 15:00**	11.533	10.315	
172	**11/11/2020 16:00**	11.533	10.321	
173	**11/11/2020 17:00**	11.637	10.224	
174	**11/11/2020 18:00**	11.637	10.092	
175	**11/11/2020 19:00**	11.637	9.917	
176	**11/11/2020 20:00**	11.585	9.724	
177	**11/11/2020 21:00**	11.585	9.584	
178	**11/11/2020 22:00**	11.637	9.530	
179	**11/11/2020 23:00**	11.688	9.572	
180	**12/11/2020 00:00**	11.740	9.756	
181	**12/11/2020 01:00**	11.688	9.981	
182	**12/11/2020 02:00**	11.533	10.197	
183	**12/11/2020 03:00**	11.585	10.339	
184	**12/11/2020 04:00**	11.585	10.399	
185	**12/11/2020 05:00**	11.585	10.365	
186	**12/11/2020 06:00**	11.637	10.259	
187	**12/11/2020 07:00**	11.637	10.087	
188	**12/11/2020 08:00**	11.637	9.900	
189	**12/11/2020 09:00**	11.637	9.738	
190	**12/11/2020 10:00**	11.740	9.620	
191	**12/11/2020 11:00**	11.688	9.600	
192	**12/11/2020 12:00**	11.740	9.691	
193	**12/11/2020 13:00**	11.688	9.873	
194	**12/11/2020 14:00**	11.585	10.101	
195	**12/11/2020 15:00**	11.533	10.265	
196	**12/11/2020 16:00**	11.533	10.351	
197	**12/11/2020 17:00**	11.585	10.337	
198	**12/11/2020 18:00**	11.585	10.223	
199	**12/11/2020 19:00**	11.637	10.058	
200	**12/11/2020 20:00**	11.637	9.851	
201	**12/11/2020 21:00**	11.585	9.670	
202	**12/11/2020 22:00**	11.585	9.518	
203	**12/11/2020 23:00**	11.585	9.472	
204	**13/11/2020 00:00**	11.688	9.544	
205	**13/11/2020 01:00**	11.688	9.736	
206	**13/11/2020 02:00**	11.585	9.991	
207	**13/11/2020 03:00**	11.585	10.225	
208	**13/11/2020 04:00**	11.533	10.356	
209	**13/11/2020 05:00**	11.585	10.399	
210	**13/11/2020 06:00**	11.637	10.318	
211	**13/11/2020 07:00**	11.585	10.156	
212	**13/11/2020 08:00**	11.585	9.954	
213	**13/11/2020 09:00**	11.740	9.747	
214	**13/11/2020 10:00**	11.585	9.582	
215	**13/11/2020 11:00**	11.637	9.472	
216	**13/11/2020 12:00**	11.585	9.502	
217	**13/11/2020 13:00**	11.637	9.654	
218	**13/11/2020 14:00**	11.637	9.900	
219	**13/11/2020 15:00**	11.585	10.169	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**13/11/2020 16:00**	11.585	10.326	
221	**13/11/2020 17:00**	11.585	10.395	
222	**13/11/2020 18:00**	11.585	10.342	
223	**13/11/2020 19:00**	11.637	10.188	
224	**13/11/2020 20:00**	11.585	9.976	
225	**13/11/2020 21:00**	11.585	9.758	
226	**13/11/2020 22:00**	11.637	9.560	
227	**13/11/2020 23:00**	11.585	9.429	
228	**14/11/2020 00:00**	11.637	9.420	
229	**14/11/2020 01:00**	11.688	9.547	
230	**14/11/2020 02:00**	11.585	9.809	
231	**14/11/2020 03:00**	11.585	10.107	
232	**14/11/2020 04:00**	11.585	10.334	
233	**14/11/2020 05:00**	11.585	10.451	
234	**14/11/2020 06:00**	11.533	10.465	
235	**14/11/2020 07:00**	11.585	10.348	
236	**14/11/2020 08:00**	11.585	10.149	
237	**14/11/2020 09:00**	11.585	9.905	
238	**14/11/2020 10:00**	11.637	9.673	
239	**14/11/2020 11:00**	11.688	9.483	
240	**14/11/2020 12:00**	11.688	9.378	
241	**14/11/2020 13:00**	11.585	9.428	
242	**14/11/2020 14:00**	11.585	9.599	
243	**14/11/2020 15:00**	11.585	9.871	
244	**14/11/2020 16:00**	11.533	10.124	
245	**14/11/2020 17:00**	11.585	10.259	
246	**14/11/2020 18:00**	11.585	10.296	
247	**14/11/2020 19:00**	11.585	10.211	
248	**14/11/2020 20:00**	11.637	10.018	
249	**14/11/2020 21:00**	11.740	9.772	
250	**14/11/2020 22:00**	11.637	9.547	
251	**14/11/2020 23:00**	11.585	9.333	
252	**15/11/2020 00:00**	11.585	9.198	
253	**15/11/2020 01:00**	11.637	9.213	
254	**15/11/2020 02:00**	11.585	9.387	
255	**15/11/2020 03:00**	11.740	9.696	
256	**15/11/2020 04:00**	11.585	10.021	
257	**15/11/2020 05:00**	11.585	10.234	
258	**15/11/2020 06:00**	11.585	10.332	
259	**15/11/2020 07:00**	11.533	10.289	
260	**15/11/2020 08:00**	11.585	10.114	
261	**15/11/2020 09:00**	11.637	9.877	
262	**15/11/2020 10:00**	11.637	9.629	
263	**15/11/2020 11:00**	11.585	9.420	
264	**15/11/2020 12:00**	11.533	9.262	
265	**15/11/2020 13:00**	11.688	9.216	
266	**15/11/2020 14:00**	11.688	9.327	
267	**15/11/2020 15:00**	11.637	9.591	
268	**15/11/2020 16:00**	11.637	9.910	
269	**15/11/2020 17:00**	11.585	10.177	
270	**15/11/2020 18:00**	11.585	10.313	
271	**15/11/2020 19:00**	11.585	10.333	
272	**15/11/2020 20:00**	11.637	10.222	
273	**15/11/2020 21:00**	11.585	10.006	
274	**15/11/2020 22:00**	11.688	9.754	

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275	**15/11/2020 23:00**	11.585	9.545	
276	**16/11/2020 00:00**	11.585	9.377	
277	**16/11/2020 01:00**	11.637	9.283	
278	**16/11/2020 02:00**	11.637	9.346	
279	**16/11/2020 03:00**	11.637	9.569	
280	**16/11/2020 04:00**	11.637	9.894	
281	**16/11/2020 05:00**	11.585	10.204	
282	**16/11/2020 06:00**	11.585	10.383	
283	**16/11/2020 07:00**	11.533	10.450	
284	**16/11/2020 08:00**	11.585	10.398	
285	**16/11/2020 09:00**	11.585	10.206	
286	**16/11/2020 10:00**	11.688	9.967	
287	**16/11/2020 11:00**	11.637	9.734	
288	**16/11/2020 12:00**	11.637	9.552	
289	**16/11/2020 13:00**	11.585	9.408	
290	**16/11/2020 14:00**	11.585	9.405	
291	**16/11/2020 15:00**	11.585	9.549	
292	**16/11/2020 16:00**	11.585	9.832	
293	**16/11/2020 17:00**	11.585	10.139	
294	**16/11/2020 18:00**	11.533	10.358	
295	**16/11/2020 19:00**	11.585	10.445	
296	**16/11/2020 20:00**	11.637	10.435	
297	**16/11/2020 21:00**	11.585	10.289	
298	**16/11/2020 22:00**	11.637	10.059	
299	**16/11/2020 23:00**	11.688	9.814	
300	**17/11/2020 00:00**	11.688	9.583	
301	**17/11/2020 01:00**	11.637	9.401	
302	**17/11/2020 02:00**	11.688	9.325	
303	**17/11/2020 03:00**	11.533	9.390	
304	**17/11/2020 04:00**	11.688	9.624	
305	**17/11/2020 05:00**	11.533	9.940	
306	**17/11/2020 06:00**	11.585	10.213	
307	**17/11/2020 07:00**	11.585	10.362	
308	**17/11/2020 08:00**	11.533	10.403	
309	**17/11/2020 09:00**	11.637	10.305	
310	**17/11/2020 10:00**	11.585	10.106	
311	**17/11/2020 11:00**	11.585	9.859	
312	**17/11/2020 12:00**	11.585	9.641	
313	**17/11/2020 13:00**	11.637	9.450	
314	**17/11/2020 14:00**	11.585	9.338	
315	**17/11/2020 15:00**	11.688	9.359	
316	**17/11/2020 16:00**	11.637	9.533	
317	**17/11/2020 17:00**	11.585	9.830	
318	**17/11/2020 18:00**	11.585	10.137	
319	**17/11/2020 19:00**	11.533	10.320	
320	**17/11/2020 20:00**	11.533	10.412	
321	**17/11/2020 21:00**	11.533	10.385	
322	**17/11/2020 22:00**	11.585	10.235	
323	**17/11/2020 23:00**	11.585	10.011	
324	**18/11/2020 00:00**	11.688	9.780	
325	**18/11/2020 01:00**	11.688	9.573	
326	**18/11/2020 02:00**	11.585	9.425	
327	**18/11/2020 03:00**	11.637	9.362	
328	**18/11/2020 04:00**	11.637	9.456	
329	**18/11/2020 05:00**	11.688	9.685	

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330	**18/11/2020 06:00**	11.585	9.966	
331	**18/11/2020 07:00**	11.637	10.196	
332	**18/11/2020 08:00**	11.585	10.323	
333	**18/11/2020 09:00**	11.533	10.336	
334	**18/11/2020 10:00**	11.585	10.227	
335	**18/11/2020 11:00**	11.585	10.024	
336	**18/11/2020 12:00**	11.585	9.791	
337	**18/11/2020 13:00**	11.533	9.570	
338	**18/11/2020 14:00**	11.637	9.404	
339	**18/11/2020 15:00**	11.585	9.314	
340	**18/11/2020 16:00**	11.688	9.364	
341	**18/11/2020 17:00**	11.585	9.567	
342	**18/11/2020 18:00**	11.585	9.877	
343	**18/11/2020 19:00**	11.585	10.135	
344	**18/11/2020 20:00**	11.585	10.304	
345	**18/11/2020 21:00**	11.585	10.379	
346	**18/11/2020 22:00**	11.585	10.340	
347	**18/11/2020 23:00**	11.585	10.212	
348	**19/11/2020 00:00**	11.637	10.021	
349	**19/11/2020 01:00**	11.637	9.814	
350	**19/11/2020 02:00**	11.637	9.632	
351	**19/11/2020 03:00**	11.688	9.500	
352	**19/11/2020 04:00**	11.585	9.475	
353	**19/11/2020 05:00**	11.740	9.577	
354	**19/11/2020 06:00**	11.585	9.811	
355	**19/11/2020 07:00**	11.585	10.089	
356	**19/11/2020 08:00**	11.637	10.307	
357	**19/11/2020 09:00**	11.533	10.416	
358	**19/11/2020 10:00**	11.585	10.439	
359	**19/11/2020 11:00**	11.585	10.366	
360	**19/11/2020 12:00**	11.585	10.213	
361	**19/11/2020 13:00**	11.637	10.034	
362	**19/11/2020 14:00**	11.585	9.879	
363	**19/11/2020 15:00**	11.740	9.762	
364	**19/11/2020 16:00**	11.740	9.702	
365	**19/11/2020 17:00**	11.740	9.744	
366	**19/11/2020 18:00**	11.637	9.910	
367	**19/11/2020 19:00**	11.585	10.155	
368	**19/11/2020 20:00**	11.585	10.363	
369	**19/11/2020 21:00**	11.585	10.486	
370	**19/11/2020 22:00**	11.585	10.542	
371	**19/11/2020 23:00**	11.585	10.501	
372	**20/11/2020 00:00**	11.637	10.372	
373	**20/11/2020 01:00**	11.585	10.209	
374	**20/11/2020 02:00**	11.688	10.020	
375	**20/11/2020 03:00**	11.585	9.864	
376	**20/11/2020 04:00**	11.637	9.733	
377	**20/11/2020 05:00**	11.688	9.690	
378	**20/11/2020 06:00**	11.740	9.753	
379	**20/11/2020 07:00**	11.637	9.933	
380	**20/11/2020 08:00**	11.585	10.125	
381	**20/11/2020 09:00**	11.585	10.281	
382	**20/11/2020 10:00**	11.585	10.360	
383	**20/11/2020 11:00**	11.585	10.349	
384	**20/11/2020 12:00**	11.585	10.247	

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385	**20/11/2020 13:00**	11.585	10.093	
386	**20/11/2020 14:00**	11.688	9.919	
387	**20/11/2020 15:00**	11.533	9.754	
388	**20/11/2020 16:00**	11.533	9.619	
389	**20/11/2020 17:00**	11.688	9.568	
390	**20/11/2020 18:00**	11.740	9.615	
391	**20/11/2020 19:00**	11.585	9.785	
392	**20/11/2020 20:00**	11.585	10.011	
393	**20/11/2020 21:00**	11.585	10.224	
394	**20/11/2020 22:00**	11.585	10.352	
395	**20/11/2020 23:00**	11.585	10.407	
396	**21/11/2020 00:00**	11.585	10.378	
397	**21/11/2020 01:00**	11.585	10.284	
398	**21/11/2020 02:00**	11.637	10.156	
399	**21/11/2020 03:00**	11.585	10.014	
400	**21/11/2020 04:00**	11.585	9.876	
401	**21/11/2020 05:00**	11.585	9.758	
402	**21/11/2020 06:00**	11.637	9.711	
403	**21/11/2020 07:00**	11.585	9.769	
404	**21/11/2020 08:00**	11.585	9.907	
405	**21/11/2020 09:00**	11.533	10.080	
406	**21/11/2020 10:00**	11.585	10.212	
407	**21/11/2020 11:00**	11.585	10.287	
408	**21/11/2020 12:00**	11.533	10.278	
409	**21/11/2020 13:00**	11.585	10.194	
410	**21/11/2020 14:00**	11.585	10.058	
411	**21/11/2020 15:00**	11.585	9.905	
412	**21/11/2020 16:00**	11.688	9.762	
413	**21/11/2020 17:00**	11.585	9.666	
414	**21/11/2020 18:00**	11.688	9.620	
415	**21/11/2020 19:00**	11.740	9.663	
416	**21/11/2020 20:00**	11.585	9.815	
417	**21/11/2020 21:00**	11.585	10.013	
418	**21/11/2020 22:00**	11.585	10.200	
419	**21/11/2020 23:00**	11.585	10.327	
420	**22/11/2020 00:00**	11.585	10.388	
421	**22/11/2020 01:00**	11.585	10.378	
422	**22/11/2020 02:00**	11.585	10.303	
423	**22/11/2020 03:00**	11.637	10.203	
424	**22/11/2020 04:00**	11.585	10.073	
425	**22/11/2020 05:00**	11.637	9.951	
426	**22/11/2020 06:00**	11.637	9.826	
427	**22/11/2020 07:00**	11.688	9.778	
428	**22/11/2020 08:00**	11.637	9.813	
429	**22/11/2020 09:00**	11.585	9.929	
430	**22/11/2020 10:00**	11.533	10.085	
431	**22/11/2020 11:00**	11.585	10.217	
432	**22/11/2020 12:00**	11.585	10.284	
433	**22/11/2020 13:00**	11.585	10.289	
434	**22/11/2020 14:00**	11.585	10.234	
435	**22/11/2020 15:00**	11.585	10.133	
436	**22/11/2020 16:00**	11.585	10.013	
437	**22/11/2020 17:00**	11.585	9.889	
438	**22/11/2020 18:00**	11.637	9.774	
439	**22/11/2020 19:00**	11.637	9.705	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**22/11/2020 20:00**	11.688	9.713	
441	**22/11/2020 21:00**	11.585	9.830	
442	**22/11/2020 22:00**	11.533	9.983	
443	**22/11/2020 23:00**	11.585	10.161	
444	**23/11/2020 00:00**	11.585	10.303	
445	**23/11/2020 01:00**	11.585	10.367	
446	**23/11/2020 02:00**	11.585	10.378	
447	**23/11/2020 03:00**	11.637	10.339	
448	**23/11/2020 04:00**	11.585	10.258	
449	**23/11/2020 05:00**	11.533	10.147	
450	**23/11/2020 06:00**	11.585	10.019	
451	**23/11/2020 07:00**	11.637	9.904	
452	**23/11/2020 08:00**	11.637	9.827	
453	**23/11/2020 09:00**	11.585	9.828	
454	**23/11/2020 10:00**	11.533	9.915	
455	**23/11/2020 11:00**	11.585	10.027	
456	**23/11/2020 12:00**	11.585	10.155	
457	**23/11/2020 13:00**	11.585	10.225	
458	**23/11/2020 14:00**	11.585	10.231	
459	**23/11/2020 15:00**	11.585	10.189	
460	**23/11/2020 16:00**	11.533	10.078	
461	**23/11/2020 17:00**	11.585	9.959	
462	**23/11/2020 18:00**	11.533	9.820	
463	**23/11/2020 19:00**	11.637	9.696	
464	**23/11/2020 20:00**	11.637	9.642	
465	**23/11/2020 21:00**	11.533	9.654	
466	**23/11/2020 22:00**	11.585	9.730	
467	**23/11/2020 23:00**	11.585	9.878	
468	**24/11/2020 00:00**	11.585	10.055	
469	**24/11/2020 01:00**	11.585	10.201	
470	**24/11/2020 02:00**	11.533	10.283	
471	**24/11/2020 03:00**	11.585	10.304	
472	**24/11/2020 04:00**	11.585	10.277	
473	**24/11/2020 05:00**	11.585	10.191	
474	**24/11/2020 06:00**	11.585	10.073	
475	**24/11/2020 07:00**	11.585	9.946	
476	**24/11/2020 08:00**	11.585	9.821	
477	**24/11/2020 09:00**	11.585	9.746	
478	**24/11/2020 10:00**	11.585	9.738	
479	**24/11/2020 11:00**	11.533	9.822	
480	**24/11/2020 12:00**	11.585	9.953	
481	**24/11/2020 13:00**	11.585	10.071	
482	**24/11/2020 14:00**	11.585	10.158	
483	**24/11/2020 15:00**	11.585	10.194	
484	**24/11/2020 16:00**	11.533	10.147	
485	**24/11/2020 17:00**	11.585	10.055	
486	**24/11/2020 18:00**	11.585	9.938	
487	**24/11/2020 19:00**	11.637	9.806	
488	**24/11/2020 20:00**	11.585	9.679	
489	**24/11/2020 21:00**	11.637	9.601	
490	**24/11/2020 22:00**	11.533	9.600	
491	**24/11/2020 23:00**	11.585	9.698	
492	**25/11/2020 00:00**	11.533	9.861	
493	**25/11/2020 01:00**	11.585	10.053	
494	**25/11/2020 02:00**	11.585	10.213	

Project.	**Harbour Point Bray**
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Engineer.	**Atkins**
Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**25/11/2020 03:00**	11.533	10.301	
496	**25/11/2020 04:00**	11.585	10.336	
497	**25/11/2020 05:00**	11.585	10.300	
498	**25/11/2020 06:00**	11.533	10.219	
499	**25/11/2020 07:00**	11.585	10.096	
500	**25/11/2020 08:00**	11.585	9.968	
501	**25/11/2020 09:00**	11.533	9.827	
502	**25/11/2020 10:00**	11.533	9.745	
503	**25/11/2020 11:00**	11.533	9.754	
504	**25/11/2020 12:00**	11.585	9.851	
505	**25/11/2020 13:00**	11.481	9.996	
506	**25/11/2020 14:00**	11.533	10.144	
507	**25/11/2020 15:00**	11.533	10.249	
508	**25/11/2020 16:00**	11.585	10.277	
509	**25/11/2020 17:00**	11.585	10.249	
510	**25/11/2020 18:00**	11.585	10.165	
511	**25/11/2020 19:00**	11.585	10.036	
512	**25/11/2020 20:00**	11.585	9.907	
513	**25/11/2020 21:00**	11.637	9.792	
514	**25/11/2020 22:00**	11.585	9.714	
515	**25/11/2020 23:00**	11.585	9.714	
516	**26/11/2020 00:00**	11.533	9.819	
517	**26/11/2020 01:00**	11.533	9.997	
518	**26/11/2020 02:00**	11.585	10.187	
519	**26/11/2020 03:00**	11.533	10.343	
520	**26/11/2020 04:00**	11.585	10.409	
521	**26/11/2020 05:00**	11.585	10.424	
522	**26/11/2020 06:00**	11.533	10.364	
523	**26/11/2020 07:00**	11.533	10.251	
524	**26/11/2020 08:00**	11.533	10.113	
525	**26/11/2020 09:00**	11.585	9.974	
526	**26/11/2020 10:00**	11.585	9.850	
527	**26/11/2020 11:00**	11.585	9.784	
528	**26/11/2020 12:00**	11.585	9.808	
529	**26/11/2020 13:00**	11.533	9.937	
530	**26/11/2020 14:00**	11.585	10.115	
531	**26/11/2020 15:00**	11.585	10.255	
532	**26/11/2020 16:00**	11.533	10.305	
533	**26/11/2020 17:00**	11.533	10.346	
534	**26/11/2020 18:00**	11.585	10.296	
535	**26/11/2020 19:00**	11.585	10.176	
536	**26/11/2020 20:00**	11.585	10.019	
537	**26/11/2020 21:00**	11.585	9.888	
538	**26/11/2020 22:00**	11.585	9.766	
539	**26/11/2020 23:00**	11.533	9.705	
540	**27/11/2020 00:00**	11.585	9.743	
541	**27/11/2020 01:00**	11.533	9.868	
542	**27/11/2020 02:00**	11.533	10.057	
543	**27/11/2020 03:00**	11.533	10.236	
544	**27/11/2020 04:00**	11.533	10.372	
545	**27/11/2020 05:00**	11.585	10.433	
546	**27/11/2020 06:00**	11.585	10.418	
547	**27/11/2020 07:00**	11.585	10.322	
548	**27/11/2020 08:00**	11.585	10.198	
549	**27/11/2020 09:00**	11.585	10.046	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**27/11/2020 10:00**	11.533	9.894	
551	**27/11/2020 11:00**	11.585	9.776	
552	**27/11/2020 12:00**	11.585	9.753	
553	**27/11/2020 13:00**	11.533	9.836	
554	**27/11/2020 14:00**	11.533	9.969	
555	**27/11/2020 15:00**	11.533	10.153	
556	**27/11/2020 16:00**	11.533	10.295	
557	**27/11/2020 17:00**	11.533	10.359	
558	**27/11/2020 18:00**	11.533	10.336	
559	**27/11/2020 19:00**	11.481	10.250	
560	**27/11/2020 20:00**	11.585	10.094	
561	**27/11/2020 21:00**	11.585	9.942	
562	**27/11/2020 22:00**	11.533	9.796	
563	**27/11/2020 23:00**	11.585	9.684	
564	**28/11/2020 00:00**	11.637	9.651	
565	**28/11/2020 01:00**	11.533	9.724	
566	**28/11/2020 02:00**	11.533	9.893	
567	**28/11/2020 03:00**	11.533	10.105	
568	**28/11/2020 04:00**	11.533	10.275	
569	**28/11/2020 05:00**	11.533	10.366	
570	**28/11/2020 06:00**	11.533	10.385	
571	**28/11/2020 07:00**	11.533	10.333	
572	**28/11/2020 08:00**	11.585	10.200	
573	**28/11/2020 09:00**	11.481	10.047	
574	**28/11/2020 10:00**	11.585	9.879	
575	**28/11/2020 11:00**	11.585	9.749	
576	**28/11/2020 12:00**	11.585	9.670	
577	**28/11/2020 13:00**	11.585	9.694	
578	**28/11/2020 14:00**	11.533	9.832	
579	**28/11/2020 15:00**	11.533	10.031	
580	**28/11/2020 16:00**	11.533	10.215	
581	**28/11/2020 17:00**	11.533	10.343	
582	**28/11/2020 18:00**	11.533	10.383	
583	**28/11/2020 19:00**	11.533	10.327	
584	**28/11/2020 20:00**	11.533	10.214	
585	**28/11/2020 21:00**	11.533	10.058	
586	**28/11/2020 22:00**	11.585	9.898	
587	**28/11/2020 23:00**	11.585	9.754	
588	**29/11/2020 00:00**	11.637	9.676	
589	**29/11/2020 01:00**	11.533	9.684	
590	**29/11/2020 02:00**	11.533	9.810	
591	**29/11/2020 03:00**	11.533	10.002	
592	**29/11/2020 04:00**	11.533	10.213	
593	**29/11/2020 05:00**	11.585	10.356	
594	**29/11/2020 06:00**	11.533	10.429	
595	**29/11/2020 07:00**	11.481	10.407	
596	**29/11/2020 08:00**	11.585	10.308	
597	**29/11/2020 09:00**	11.533	10.153	
598	**29/11/2020 10:00**	11.585	9.998	
599	**29/11/2020 11:00**	11.585	9.844	
600	**29/11/2020 12:00**	11.637	9.722	
601	**29/11/2020 13:00**	11.585	9.687	
602	**29/11/2020 14:00**	11.585	9.770	
603	**29/11/2020 15:00**	11.533	9.939	
604	**29/11/2020 16:00**	11.533	10.154	

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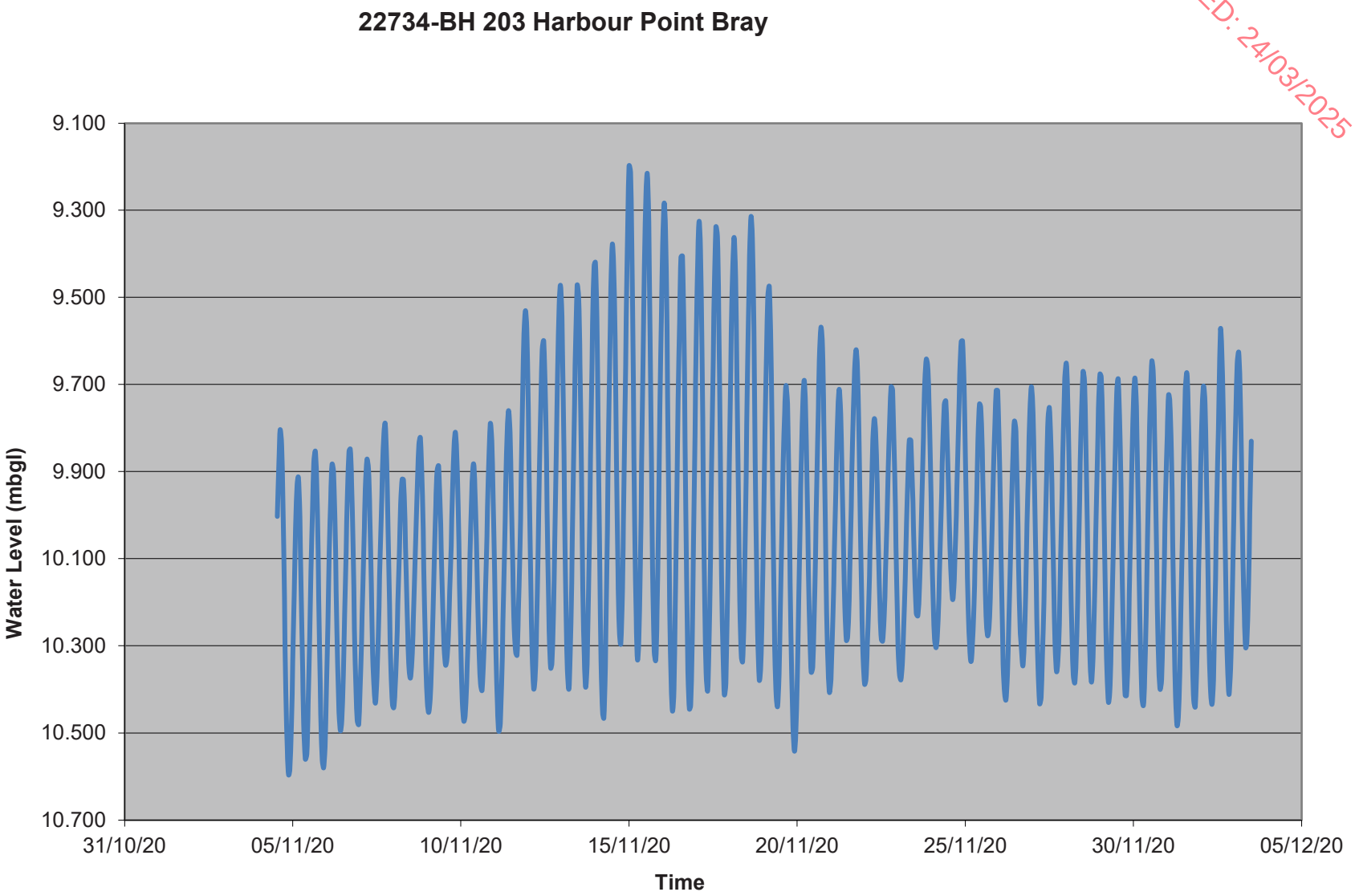
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**29/11/2020 17:00**	11.533	10.319	
606	**29/11/2020 18:00**	11.585	10.413	
607	**29/11/2020 19:00**	11.533	10.414	
608	**29/11/2020 20:00**	11.533	10.335	
609	**29/11/2020 21:00**	11.585	10.180	
610	**29/11/2020 22:00**	11.533	10.013	
611	**29/11/2020 23:00**	11.585	9.860	
612	**30/11/2020 00:00**	11.533	9.729	
613	**30/11/2020 01:00**	11.533	9.685	
614	**30/11/2020 02:00**	11.481	9.751	
615	**30/11/2020 03:00**	11.533	9.918	
616	**30/11/2020 04:00**	11.585	10.127	
617	**30/11/2020 05:00**	11.533	10.309	
618	**30/11/2020 06:00**	11.533	10.416	
619	**30/11/2020 07:00**	11.533	10.437	
620	**30/11/2020 08:00**	11.481	10.372	
621	**30/11/2020 09:00**	11.585	10.227	
622	**30/11/2020 10:00**	11.585	10.053	
623	**30/11/2020 11:00**	11.533	9.876	
624	**30/11/2020 12:00**	11.585	9.733	
625	**30/11/2020 13:00**	11.585	9.646	
626	**30/11/2020 14:00**	11.533	9.668	
627	**30/11/2020 15:00**	11.533	9.797	
628	**30/11/2020 16:00**	11.533	9.998	
629	**30/11/2020 17:00**	11.585	10.207	
630	**30/11/2020 18:00**	11.533	10.350	
631	**30/11/2020 19:00**	11.533	10.400	
632	**30/11/2020 20:00**	11.585	10.377	
633	**30/11/2020 21:00**	11.533	10.257	
634	**30/11/2020 22:00**	11.533	10.100	
635	**30/11/2020 23:00**	11.533	9.940	
636	**01/12/2020 00:00**	11.585	9.816	
637	**01/12/2020 01:00**	11.585	9.724	
638	**01/12/2020 02:00**	11.533	9.742	
639	**01/12/2020 03:00**	11.533	9.856	
640	**01/12/2020 04:00**	11.533	10.059	
641	**01/12/2020 05:00**	11.533	10.275	
642	**01/12/2020 06:00**	11.533	10.414	
643	**01/12/2020 07:00**	11.533	10.483	
644	**01/12/2020 08:00**	11.585	10.464	
645	**01/12/2020 09:00**	11.585	10.356	
646	**01/12/2020 10:00**	11.533	10.185	
647	**01/12/2020 11:00**	11.585	10.015	
648	**01/12/2020 12:00**	11.585	9.844	
649	**01/12/2020 13:00**	11.585	9.712	
650	**01/12/2020 14:00**	11.585	9.673	
651	**01/12/2020 15:00**	11.585	9.746	
652	**01/12/2020 16:00**	11.533	9.924	
653	**01/12/2020 17:00**	11.585	10.149	
654	**01/12/2020 18:00**	11.585	10.335	
655	**01/12/2020 19:00**	11.533	10.425	
656	**01/12/2020 20:00**	11.585	10.440	
657	**01/12/2020 21:00**	11.481	10.363	
658	**01/12/2020 22:00**	11.585	10.207	
659	**01/12/2020 23:00**	11.585	10.044	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**02/12/2020 00:00**	11.533	9.891	
661	**02/12/2020 01:00**	11.585	9.753	
662	**02/12/2020 02:00**	11.533	9.703	
663	**02/12/2020 03:00**	11.533	9.746	
664	**02/12/2020 04:00**	11.533	9.895	
665	**02/12/2020 05:00**	11.585	10.112	
666	**02/12/2020 06:00**	11.585	10.307	
667	**02/12/2020 07:00**	11.533	10.409	
668	**02/12/2020 08:00**	11.533	10.434	
669	**02/12/2020 09:00**	11.585	10.378	
670	**02/12/2020 10:00**	11.585	10.231	
671	**02/12/2020 11:00**	11.533	10.054	
672	**02/12/2020 12:00**	11.585	9.876	
673	**02/12/2020 13:00**	11.585	9.735	
674	**02/12/2020 14:00**	11.533	9.574	
675	**02/12/2020 15:00**	11.481	9.621	
676	**02/12/2020 16:00**	11.533	9.765	
677	**02/12/2020 17:00**	11.533	9.971	
678	**02/12/2020 18:00**	11.533	10.199	
679	**02/12/2020 19:00**	11.533	10.337	
680	**02/12/2020 20:00**	11.637	10.411	
681	**02/12/2020 21:00**	11.585	10.371	
682	**02/12/2020 22:00**	11.533	10.267	
683	**02/12/2020 23:00**	11.533	10.094	
684	**03/12/2020 00:00**	11.533	9.915	
685	**03/12/2020 01:00**	11.585	9.763	
686	**03/12/2020 02:00**	11.533	9.653	
687	**03/12/2020 03:00**	11.637	9.626	
688	**03/12/2020 04:00**	11.637	9.701	
689	**03/12/2020 05:00**	11.585	9.878	
690	**03/12/2020 06:00**	11.585	10.086	
691	**03/12/2020 07:00**	11.585	10.227	
692	**03/12/2020 08:00**	11.585	10.304	
693	**03/12/2020 09:00**	11.585	10.287	
694	**03/12/2020 10:00**	11.637	10.170	
695	**03/12/2020 11:00**	11.533	9.996	
696	**03/12/2020 12:00**	11.533	9.830	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**03/12/2020 15:00**	11.533	9.693	
2	**03/12/2020 16:00**	11.533	9.852	
3	**03/12/2020 17:00**	11.585	10.069	
4	**03/12/2020 18:00**	11.585	10.276	
5	**03/12/2020 19:00**	11.533	10.412	
6	**03/12/2020 20:00**	11.585	10.452	
7	**03/12/2020 21:00**	11.585	10.393	
8	**03/12/2020 22:00**	11.585	10.269	
9	**03/12/2020 23:00**	11.533	10.113	
10	**04/12/2020 00:00**	11.533	9.973	
11	**04/12/2020 01:00**	11.637	9.828	
12	**04/12/2020 02:00**	11.585	9.762	
13	**04/12/2020 03:00**	11.585	9.773	
14	**04/12/2020 04:00**	11.533	9.896	
15	**04/12/2020 05:00**	11.533	10.088	
16	**04/12/2020 06:00**	11.533	10.280	
17	**04/12/2020 07:00**	11.533	10.392	
18	**04/12/2020 08:00**	11.585	10.442	
19	**04/12/2020 09:00**	11.533	10.399	
20	**04/12/2020 10:00**	11.533	10.285	
21	**04/12/2020 11:00**	11.533	10.141	
22	**04/12/2020 12:00**	11.533	9.979	
23	**04/12/2020 13:00**	11.585	9.829	
24	**04/12/2020 14:00**	11.533	9.723	
25	**04/12/2020 15:00**	11.585	9.697	
26	**04/12/2020 16:00**	11.533	9.787	
27	**04/12/2020 17:00**	11.585	9.973	
28	**04/12/2020 18:00**	11.585	10.170	
29	**04/12/2020 19:00**	11.533	10.347	
30	**04/12/2020 20:00**	11.533	10.421	
31	**04/12/2020 21:00**	11.533	10.435	
32	**04/12/2020 22:00**	11.481	10.368	
33	**04/12/2020 23:00**	11.533	10.241	
34	**05/12/2020 00:00**	11.533	10.116	
35	**05/12/2020 01:00**	11.533	9.998	
36	**05/12/2020 02:00**	11.533	9.895	
37	**05/12/2020 03:00**	11.533	9.871	
38	**05/12/2020 04:00**	11.585	9.935	
39	**05/12/2020 05:00**	11.533	10.081	
40	**05/12/2020 06:00**	11.585	10.262	
41	**05/12/2020 07:00**	11.585	10.408	
42	**05/12/2020 08:00**	11.481	10.493	
43	**05/12/2020 09:00**	11.533	10.503	
44	**05/12/2020 10:00**	11.585	10.439	
45	**05/12/2020 11:00**	11.585	10.325	
46	**05/12/2020 12:00**	11.533	10.188	
47	**05/12/2020 13:00**	11.533	10.055	
48	**05/12/2020 14:00**	11.533	9.925	
49	**05/12/2020 15:00**	11.533	9.857	
50	**05/12/2020 16:00**	11.637	9.869	
51	**05/12/2020 17:00**	11.637	9.979	
52	**05/12/2020 18:00**	11.533	10.188	
53	**05/12/2020 19:00**	11.585	10.363	
54	**05/12/2020 20:00**	11.481	10.517	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**05/12/2020 21:00**	11.637	10.555	
56	**05/12/2020 22:00**	11.637	10.576	
57	**05/12/2020 23:00**	11.585	10.507	
58	**06/12/2020 00:00**	11.585	10.401	
59	**06/12/2020 01:00**	11.533	10.262	
60	**06/12/2020 02:00**	11.637	10.109	
61	**06/12/2020 03:00**	11.533	9.977	
62	**06/12/2020 04:00**	11.585	9.921	
63	**06/12/2020 05:00**	11.585	9.970	
64	**06/12/2020 06:00**	11.585	10.107	
65	**06/12/2020 07:00**	11.533	10.271	
66	**06/12/2020 08:00**	11.533	10.420	
67	**06/12/2020 09:00**	11.637	10.492	
68	**06/12/2020 10:00**	11.585	10.495	
69	**06/12/2020 11:00**	11.637	10.431	
70	**06/12/2020 12:00**	11.533	10.326	
71	**06/12/2020 13:00**	11.533	10.201	
72	**06/12/2020 14:00**	11.481	10.052	
73	**06/12/2020 15:00**	11.481	9.924	
74	**06/12/2020 16:00**	11.637	9.846	
75	**06/12/2020 17:00**	11.533	9.881	
76	**06/12/2020 18:00**	11.585	9.986	
77	**06/12/2020 19:00**	11.585	10.165	
78	**06/12/2020 20:00**	11.585	10.353	
79	**06/12/2020 21:00**	11.533	10.476	
80	**06/12/2020 22:00**	11.637	10.532	
81	**06/12/2020 23:00**	11.533	10.517	
82	**07/12/2020 00:00**	11.481	10.443	
83	**07/12/2020 01:00**	11.533	10.322	
84	**07/12/2020 02:00**	11.585	10.187	
85	**07/12/2020 03:00**	11.533	10.044	
86	**07/12/2020 04:00**	11.637	9.933	
87	**07/12/2020 05:00**	11.585	9.884	
88	**07/12/2020 06:00**	11.585	9.929	
89	**07/12/2020 07:00**	11.637	10.061	
90	**07/12/2020 08:00**	11.533	10.205	
91	**07/12/2020 09:00**	11.637	10.330	
92	**07/12/2020 10:00**	11.533	10.402	
93	**07/12/2020 11:00**	11.585	10.412	
94	**07/12/2020 12:00**	11.585	10.344	
95	**07/12/2020 13:00**	11.533	10.230	
96	**07/12/2020 14:00**	11.481	10.094	
97	**07/12/2020 15:00**	11.533	9.954	
98	**07/12/2020 16:00**	11.533	9.834	
99	**07/12/2020 17:00**	11.637	9.763	
100	**07/12/2020 18:00**	11.481	9.780	
101	**07/12/2020 19:00**	11.533	9.896	
102	**07/12/2020 20:00**	11.533	10.066	
103	**07/12/2020 21:00**	11.533	10.256	
104	**07/12/2020 22:00**	11.585	10.392	
105	**07/12/2020 23:00**	11.533	10.450	
106	**08/12/2020 00:00**	11.585	10.460	
107	**08/12/2020 01:00**	11.533	10.401	
108	**08/12/2020 02:00**	11.637	10.302	
109	**08/12/2020 03:00**	11.585	10.175	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 203**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**08/12/2020 04:00**	11.533	10.040	
111	**08/12/2020 05:00**	11.637	9.924	
112	**08/12/2020 06:00**	11.533	9.868	
113	**08/12/2020 07:00**	11.585	9.912	
114	**08/12/2020 08:00**	11.585	10.021	
115	**08/12/2020 09:00**	11.585	10.154	
116	**08/12/2020 10:00**	11.533	10.293	
117	**08/12/2020 11:00**	11.481	10.359	
118	**08/12/2020 12:00**	11.533	10.375	
119	**08/12/2020 13:00**	11.637	10.310	
120	**08/12/2020 14:00**	11.481	10.210	
121	**08/12/2020 15:00**	11.533	10.084	
122	**08/12/2020 16:00**	11.637	9.962	
123	**08/12/2020 17:00**	11.585	9.858	
124	**08/12/2020 18:00**	11.585	9.805	
125	**08/12/2020 19:00**	11.585	9.827	
126	**08/12/2020 20:00**	11.481	9.940	
127	**08/12/2020 21:00**	11.637	10.120	
128	**08/12/2020 22:00**	11.481	10.309	
129	**08/12/2020 23:00**	11.533	10.446	
130	**09/12/2020 00:00**	11.481	10.524	
131	**09/12/2020 01:00**	11.637	10.532	
132	**09/12/2020 02:00**	11.585	10.482	
133	**09/12/2020 03:00**	11.533	10.384	
134	**09/12/2020 04:00**	11.637	10.253	
135	**09/12/2020 05:00**	11.585	10.103	
136	**09/12/2020 06:00**	11.481	9.985	
137	**09/12/2020 07:00**	11.585	9.920	
138	**09/12/2020 08:00**	11.585	9.935	
139	**09/12/2020 09:00**	11.533	10.037	
140	**09/12/2020 10:00**	11.533	10.182	
141	**09/12/2020 11:00**	11.481	10.313	
142	**09/12/2020 12:00**	11.533	10.403	
143	**09/12/2020 13:00**	11.481	10.415	
144	**09/12/2020 14:00**	11.637	10.374	
145	**09/12/2020 15:00**	11.481	10.288	
146	**09/12/2020 16:00**	11.533	10.157	
147	**09/12/2020 17:00**	11.585	10.006	
148	**09/12/2020 18:00**	11.585	9.851	
149	**09/12/2020 19:00**	11.481	9.746	
150	**09/12/2020 20:00**	11.637	9.727	
151	**09/12/2020 21:00**	11.533	9.804	
152	**09/12/2020 22:00**	11.585	9.969	
153	**09/12/2020 23:00**	11.585	10.161	
154	**10/12/2020 00:00**	11.585	10.335	
155	**10/12/2020 01:00**	11.585	10.422	
156	**10/12/2020 02:00**	11.585	10.439	
157	**10/12/2020 03:00**	11.637	10.381	
158	**10/12/2020 04:00**	11.637	10.288	
159	**10/12/2020 05:00**	11.585	10.156	
160	**10/12/2020 06:00**	11.585	10.022	
161	**10/12/2020 07:00**	11.637	9.909	
162	**10/12/2020 08:00**	11.637	9.827	
163	**10/12/2020 09:00**	11.637	9.845	
164	**10/12/2020 10:00**	11.585	9.965	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 203**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**10/12/2020 11:00**	11.585	10.121	
166	**10/12/2020 12:00**	11.533	10.288	
167	**10/12/2020 13:00**	11.585	10.387	
168	**10/12/2020 14:00**	11.637	10.416	
169	**10/12/2020 15:00**	11.585	10.372	
170	**10/12/2020 16:00**	11.481	10.288	
171	**10/12/2020 17:00**	11.481	10.133	
172	**10/12/2020 18:00**	11.585	9.939	
173	**10/12/2020 19:00**	11.533	9.793	
174	**10/12/2020 20:00**	11.585	9.664	
175	**10/12/2020 21:00**	11.533	9.642	
176	**10/12/2020 22:00**	11.533	9.749	
177	**10/12/2020 23:00**	11.637	9.944	
178	**11/12/2020 00:00**	11.533	10.149	
179	**11/12/2020 01:00**	11.585	10.324	
180	**11/12/2020 02:00**	11.533	10.424	
181	**11/12/2020 03:00**	11.637	10.431	
182	**11/12/2020 04:00**	11.637	10.363	
183	**11/12/2020 05:00**	11.637	10.244	
184	**11/12/2020 06:00**	11.637	10.068	
185	**11/12/2020 07:00**	11.637	9.893	
186	**11/12/2020 08:00**	11.533	9.743	
187	**11/12/2020 09:00**	11.585	9.640	
188	**11/12/2020 10:00**	11.688	9.673	
189	**11/12/2020 11:00**	11.481	9.822	
190	**11/12/2020 12:00**	11.533	10.007	
191	**11/12/2020 13:00**	11.637	10.215	
192	**11/12/2020 14:00**	11.585	10.327	
193	**11/12/2020 15:00**	11.637	10.361	
194	**11/12/2020 16:00**	11.637	10.318	
195	**11/12/2020 17:00**	11.688	10.200	
196	**11/12/2020 18:00**	11.533	10.063	
197	**11/12/2020 19:00**	11.637	9.903	
198	**11/12/2020 20:00**	11.585	9.758	
199	**11/12/2020 21:00**	11.481	9.651	
200	**11/12/2020 22:00**	11.585	9.658	
201	**11/12/2020 23:00**	11.585	9.785	
202	**12/12/2020 00:00**	11.637	10.011	
203	**12/12/2020 01:00**	11.688	10.254	
204	**12/12/2020 02:00**	11.533	10.435	
205	**12/12/2020 03:00**	11.481	10.515	
206	**12/12/2020 04:00**	11.533	10.541	
207	**12/12/2020 05:00**	11.585	10.454	
208	**12/12/2020 06:00**	11.637	10.308	
209	**12/12/2020 07:00**	11.585	10.130	
210	**12/12/2020 08:00**	11.637	9.951	
211	**12/12/2020 09:00**	11.688	9.802	
212	**12/12/2020 10:00**	11.637	9.744	
213	**12/12/2020 11:00**	11.585	9.789	
214	**12/12/2020 12:00**	11.585	9.956	
215	**12/12/2020 13:00**	11.533	10.186	
216	**12/12/2020 14:00**	11.533	10.393	
217	**12/12/2020 15:00**	11.585	10.504	
218	**12/12/2020 16:00**	11.585	10.529	
219	**12/12/2020 17:00**	11.585	10.481	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
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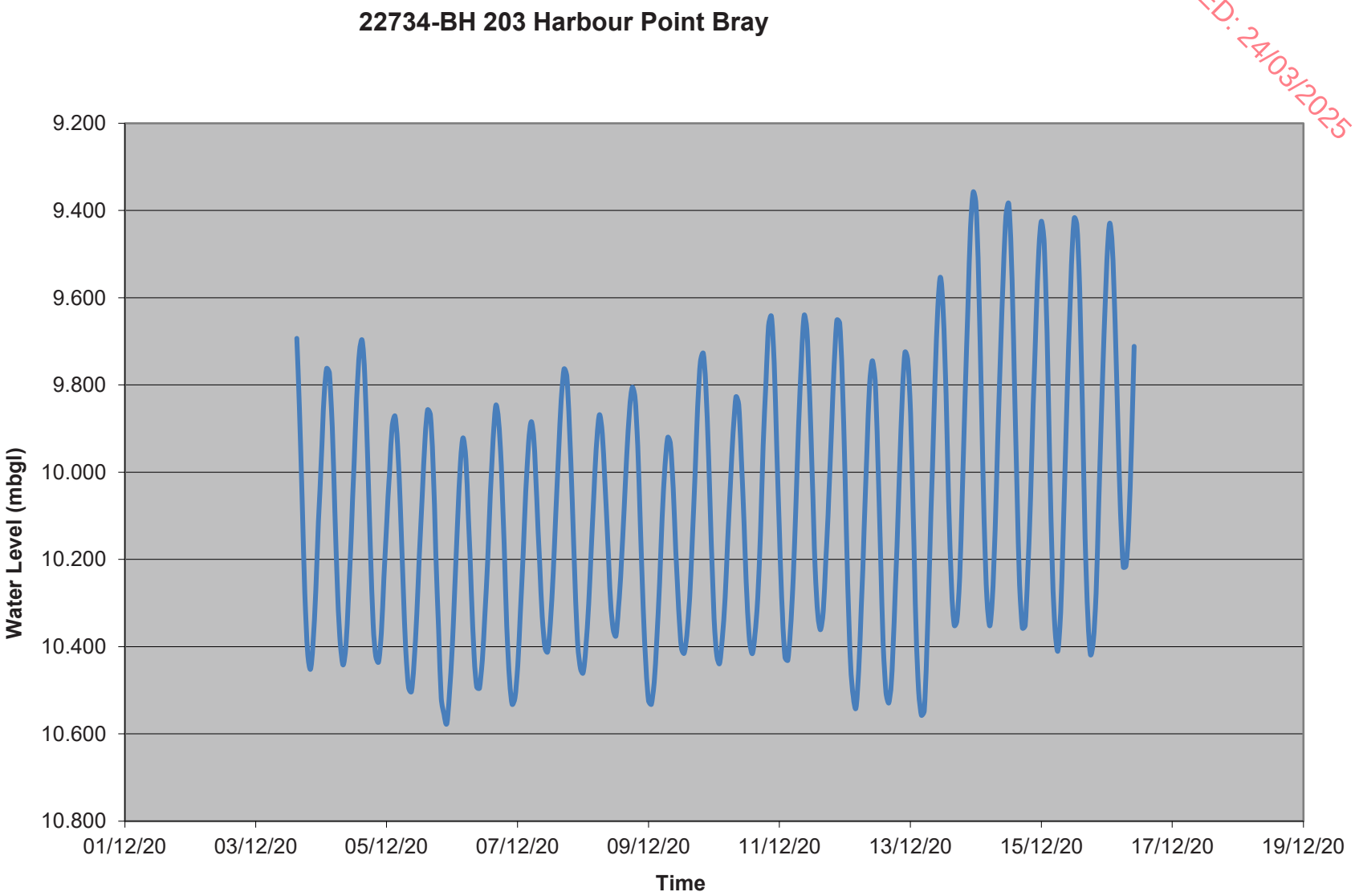
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**12/12/2020 18:00**	11.481	10.342	
221	**12/12/2020 19:00**	11.481	10.170	
222	**12/12/2020 20:00**	11.533	9.993	
223	**12/12/2020 21:00**	11.688	9.821	
224	**12/12/2020 22:00**	11.688	9.725	
225	**12/12/2020 23:00**	11.533	9.744	
226	**13/12/2020 00:00**	11.688	9.867	
227	**13/12/2020 01:00**	11.481	10.097	
228	**13/12/2020 02:00**	11.637	10.355	
229	**13/12/2020 03:00**	11.585	10.500	
230	**13/12/2020 04:00**	11.637	10.557	
231	**13/12/2020 05:00**	11.533	10.547	
232	**13/12/2020 06:00**	11.533	10.410	
233	**13/12/2020 07:00**	11.585	10.200	
234	**13/12/2020 08:00**	11.585	9.988	
235	**13/12/2020 09:00**	11.585	9.788	
236	**13/12/2020 10:00**	11.688	9.621	
237	**13/12/2020 11:00**	11.585	9.553	
238	**13/12/2020 12:00**	11.688	9.635	
239	**13/12/2020 13:00**	11.688	9.821	
240	**13/12/2020 14:00**	11.533	10.067	
241	**13/12/2020 15:00**	11.688	10.258	
242	**13/12/2020 16:00**	11.637	10.351	
243	**13/12/2020 17:00**	11.533	10.341	
244	**13/12/2020 18:00**	11.585	10.241	
245	**13/12/2020 19:00**	11.637	10.050	
246	**13/12/2020 20:00**	11.585	9.826	
247	**13/12/2020 21:00**	11.533	9.622	
248	**13/12/2020 22:00**	11.637	9.440	
249	**13/12/2020 23:00**	11.637	9.357	
250	**14/12/2020 00:00**	11.533	9.384	
251	**14/12/2020 01:00**	11.688	9.565	
252	**14/12/2020 02:00**	11.585	9.846	
253	**14/12/2020 03:00**	11.637	10.111	
254	**14/12/2020 04:00**	11.481	10.290	
255	**14/12/2020 05:00**	11.637	10.352	
256	**14/12/2020 06:00**	11.585	10.290	
257	**14/12/2020 07:00**	11.637	10.132	
258	**14/12/2020 08:00**	11.585	9.927	
259	**14/12/2020 09:00**	11.637	9.724	
260	**14/12/2020 10:00**	11.533	9.542	
261	**14/12/2020 11:00**	11.688	9.412	
262	**14/12/2020 12:00**	11.637	9.384	
263	**14/12/2020 13:00**	11.637	9.507	
264	**14/12/2020 14:00**	11.585	9.763	
265	**14/12/2020 15:00**	11.637	10.036	
266	**14/12/2020 16:00**	11.585	10.257	
267	**14/12/2020 17:00**	11.688	10.357	
268	**14/12/2020 18:00**	11.585	10.351	
269	**14/12/2020 19:00**	11.688	10.229	
270	**14/12/2020 20:00**	11.688	10.056	
271	**14/12/2020 21:00**	11.637	9.845	
272	**14/12/2020 22:00**	11.637	9.656	
273	**14/12/2020 23:00**	11.637	9.491	
274	**15/12/2020 00:00**	11.533	9.424	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 203**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/12/2020 01:00**	11.533	9.476	
276	**15/12/2020 02:00**	11.533	9.679	
277	**15/12/2020 03:00**	11.637	9.967	
278	**15/12/2020 04:00**	11.637	10.226	
279	**15/12/2020 05:00**	11.637	10.360	
280	**15/12/2020 06:00**	11.533	10.410	
281	**15/12/2020 07:00**	11.637	10.322	
282	**15/12/2020 08:00**	11.688	10.137	
283	**15/12/2020 09:00**	11.585	9.909	
284	**15/12/2020 10:00**	11.585	9.710	
285	**15/12/2020 11:00**	11.533	9.524	
286	**15/12/2020 12:00**	11.533	9.417	
287	**15/12/2020 13:00**	11.637	9.433	
288	**15/12/2020 14:00**	11.637	9.579	
289	**15/12/2020 15:00**	11.585	9.858	
290	**15/12/2020 16:00**	11.688	10.149	
291	**15/12/2020 17:00**	11.637	10.332	
292	**15/12/2020 18:00**	11.585	10.418	
293	**15/12/2020 19:00**	11.637	10.387	
294	**15/12/2020 20:00**	11.637	10.277	
295	**15/12/2020 21:00**	11.533	10.076	
296	**15/12/2020 22:00**	11.585	9.862	
297	**15/12/2020 23:00**	11.533	9.680	
298	**16/12/2020 00:00**	11.585	9.513	
299	**16/12/2020 01:00**	11.585	9.429	
300	**16/12/2020 02:00**	11.533	9.484	
301	**16/12/2020 03:00**	11.585	9.658	
302	**16/12/2020 04:00**	11.481	9.894	
303	**16/12/2020 05:00**	11.585	10.093	
304	**16/12/2020 06:00**	11.585	10.217	
305	**16/12/2020 07:00**	11.585	10.215	
306	**16/12/2020 08:00**	11.637	10.122	
307	**16/12/2020 09:00**	11.585	9.929	
308	**16/12/2020 10:00**	12.566	9.711	

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Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 208**
Serial No.	**580661**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**06/10/2020 14:00**	11.783	5.997	
2	**06/10/2020 15:00**	11.368	5.991	
3	**06/10/2020 16:00**	11.265	5.993	
4	**06/10/2020 17:00**	11.316	5.993	
5	**06/10/2020 18:00**	11.316	6.000	
6	**06/10/2020 19:00**	11.368	5.989	
7	**06/10/2020 20:00**	11.265	5.995	
8	**06/10/2020 21:00**	11.316	5.992	
9	**06/10/2020 22:00**	11.316	5.988	
10	**06/10/2020 23:00**	11.316	5.992	
11	**07/10/2020 00:00**	11.316	6.001	
12	**07/10/2020 01:00**	11.265	5.988	
13	**07/10/2020 02:00**	11.316	5.992	
14	**07/10/2020 03:00**	11.265	5.999	
15	**07/10/2020 04:00**	11.316	5.991	
16	**07/10/2020 05:00**	11.316	5.994	
17	**07/10/2020 06:00**	11.316	5.992	
18	**07/10/2020 07:00**	11.316	5.994	
19	**07/10/2020 08:00**	11.316	5.987	
20	**07/10/2020 09:00**	11.265	5.997	
21	**07/10/2020 10:00**	11.316	5.991	
22	**07/10/2020 11:00**	11.316	5.999	
23	**07/10/2020 12:00**	11.368	5.995	
24	**07/10/2020 13:00**	11.316	5.998	
25	**07/10/2020 14:00**	11.316	5.998	
26	**07/10/2020 15:00**	11.316	5.995	
27	**07/10/2020 16:00**	11.316	5.989	
28	**07/10/2020 17:00**	11.368	5.993	
29	**07/10/2020 18:00**	11.316	5.984	
30	**07/10/2020 19:00**	11.316	5.994	
31	**07/10/2020 20:00**	11.316	5.996	
32	**07/10/2020 21:00**	11.316	5.992	
33	**07/10/2020 22:00**	11.316	5.985	
34	**07/10/2020 23:00**	11.316	5.990	
35	**08/10/2020 00:00**	11.316	5.987	
36	**08/10/2020 01:00**	11.265	5.985	
37	**08/10/2020 02:00**	11.316	5.992	
38	**08/10/2020 03:00**	11.265	5.996	
39	**08/10/2020 04:00**	11.316	5.985	
40	**08/10/2020 05:00**	11.316	5.983	
41	**08/10/2020 06:00**	11.316	5.987	
42	**08/10/2020 07:00**	11.316	5.991	
43	**08/10/2020 08:00**	11.316	5.980	
44	**08/10/2020 09:00**	11.265	5.993	
45	**08/10/2020 10:00**	11.316	5.986	
46	**08/10/2020 11:00**	11.316	5.985	
47	**08/10/2020 12:00**	11.316	5.985	
48	**08/10/2020 13:00**	11.316	5.986	
49	**08/10/2020 14:00**	11.316	5.989	
50	**08/10/2020 15:00**	11.316	5.983	
51	**08/10/2020 16:00**	11.316	5.987	
52	**08/10/2020 17:00**	11.316	5.981	
53	**08/10/2020 18:00**	11.316	5.985	
54	**08/10/2020 19:00**	11.316	5.983	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 208**
Serial No.	**580661**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**08/10/2020 20:00**	11.316	5.983	
56	**08/10/2020 21:00**	11.316	5.982	
57	**08/10/2020 22:00**	11.316	5.984	
58	**08/10/2020 23:00**	11.316	5.986	
59	**09/10/2020 00:00**	11.316	5.977	
60	**09/10/2020 01:00**	11.316	5.980	
61	**09/10/2020 02:00**	11.265	5.978	
62	**09/10/2020 03:00**	11.316	5.979	
63	**09/10/2020 04:00**	11.316	5.979	
64	**09/10/2020 05:00**	11.316	5.978	
65	**09/10/2020 06:00**	11.316	5.973	
66	**09/10/2020 07:00**	11.316	5.975	
67	**09/10/2020 08:00**	11.316	5.970	
68	**09/10/2020 09:00**	11.316	5.975	
69	**09/10/2020 10:00**	11.316	5.979	
70	**09/10/2020 11:00**	11.316	5.976	
71	**09/10/2020 12:00**	11.316	5.973	
72	**09/10/2020 13:00**	11.316	5.974	
73	**09/10/2020 14:00**	11.316	5.977	
74	**09/10/2020 15:00**	11.316	5.970	
75	**09/10/2020 16:00**	11.316	5.977	
76	**09/10/2020 17:00**	11.316	5.978	
77	**09/10/2020 18:00**	11.316	5.976	
78	**09/10/2020 19:00**	11.316	5.975	
79	**09/10/2020 20:00**	11.316	5.969	
80	**09/10/2020 21:00**	11.316	5.975	
81	**09/10/2020 22:00**	11.316	5.973	
82	**09/10/2020 23:00**	11.316	5.968	
83	**10/10/2020 00:00**	11.316	5.975	
84	**10/10/2020 01:00**	11.316	5.971	
85	**10/10/2020 02:00**	11.316	5.969	
86	**10/10/2020 03:00**	11.316	5.967	
87	**10/10/2020 04:00**	11.316	5.978	
88	**10/10/2020 05:00**	11.316	5.970	
89	**10/10/2020 06:00**	11.316	5.974	
90	**10/10/2020 07:00**	11.316	5.974	
91	**10/10/2020 08:00**	11.316	5.971	
92	**10/10/2020 09:00**	11.316	5.969	
93	**10/10/2020 10:00**	11.316	5.968	
94	**10/10/2020 11:00**	11.316	5.964	
95	**10/10/2020 12:00**	11.316	5.965	
96	**10/10/2020 13:00**	11.316	5.960	
97	**10/10/2020 14:00**	11.316	5.975	
98	**10/10/2020 15:00**	11.368	5.964	
99	**10/10/2020 16:00**	11.316	5.965	
100	**10/10/2020 17:00**	11.316	5.973	
101	**10/10/2020 18:00**	11.316	5.971	
102	**10/10/2020 19:00**	11.316	5.966	
103	**10/10/2020 20:00**	11.316	5.971	
104	**10/10/2020 21:00**	11.316	5.964	
105	**10/10/2020 22:00**	11.316	5.960	
106	**10/10/2020 23:00**	11.316	5.967	
107	**11/10/2020 00:00**	11.316	5.963	
108	**11/10/2020 01:00**	11.316	5.964	
109	**11/10/2020 02:00**	11.316	5.971	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**11/10/2020 03:00**	11.316	5.973	
111	**11/10/2020 04:00**	11.316	5.971	
112	**11/10/2020 05:00**	11.316	5.968	
113	**11/10/2020 06:00**	11.316	5.968	
114	**11/10/2020 07:00**	11.316	5.962	
115	**11/10/2020 08:00**	11.316	5.970	
116	**11/10/2020 09:00**	11.316	5.965	
117	**11/10/2020 10:00**	11.316	5.965	
118	**11/10/2020 11:00**	11.316	5.960	
119	**11/10/2020 12:00**	11.316	5.964	
120	**11/10/2020 13:00**	11.316	5.958	
121	**11/10/2020 14:00**	11.316	5.963	
122	**11/10/2020 15:00**	11.316	5.968	
123	**11/10/2020 16:00**	11.316	5.970	
124	**11/10/2020 17:00**	11.316	5.967	
125	**11/10/2020 18:00**	11.316	5.966	
126	**11/10/2020 19:00**	11.316	5.959	
127	**11/10/2020 20:00**	11.316	5.971	
128	**11/10/2020 21:00**	11.316	5.967	
129	**11/10/2020 22:00**	11.316	5.967	
130	**11/10/2020 23:00**	11.316	5.962	
131	**12/10/2020 00:00**	11.316	5.965	
132	**12/10/2020 01:00**	11.316	5.961	
133	**12/10/2020 02:00**	11.316	5.956	
134	**12/10/2020 03:00**	11.316	5.957	
135	**12/10/2020 04:00**	11.316	5.961	
136	**12/10/2020 05:00**	11.316	5.954	
137	**12/10/2020 06:00**	11.316	5.962	
138	**12/10/2020 07:00**	11.316	5.957	
139	**12/10/2020 08:00**	11.316	5.956	
140	**12/10/2020 09:00**	11.316	5.962	
141	**12/10/2020 10:00**	11.316	5.967	
142	**12/10/2020 11:00**	11.316	5.963	
143	**12/10/2020 12:00**	11.316	5.954	
144	**12/10/2020 13:00**	11.316	5.961	
145	**12/10/2020 14:00**	11.316	5.962	
146	**12/10/2020 15:00**	11.316	5.956	
147	**12/10/2020 16:00**	11.316	5.963	
148	**12/10/2020 17:00**	11.316	5.964	
149	**12/10/2020 18:00**	11.316	5.957	
150	**12/10/2020 19:00**	11.316	5.963	
151	**12/10/2020 20:00**	11.316	5.962	
152	**12/10/2020 21:00**	11.316	5.960	
153	**12/10/2020 22:00**	11.316	5.956	
154	**12/10/2020 23:00**	11.316	5.957	
155	**13/10/2020 00:00**	11.316	5.958	
156	**13/10/2020 01:00**	11.316	5.964	
157	**13/10/2020 02:00**	11.316	5.954	
158	**13/10/2020 03:00**	11.316	5.951	
159	**13/10/2020 04:00**	11.316	5.961	
160	**13/10/2020 05:00**	11.316	5.956	
161	**13/10/2020 06:00**	11.316	5.951	
162	**13/10/2020 07:00**	11.316	5.956	
163	**13/10/2020 08:00**	11.316	5.960	
164	**13/10/2020 09:00**	11.316	5.956	

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165	**13/10/2020 10:00**	11.316	5.950	
166	**13/10/2020 11:00**	11.316	5.955	
167	**13/10/2020 12:00**	11.316	5.957	
168	**13/10/2020 13:00**	11.316	5.946	
169	**13/10/2020 14:00**	11.316	5.951	
170	**13/10/2020 15:00**	11.316	5.952	
171	**13/10/2020 16:00**	11.316	5.953	
172	**13/10/2020 17:00**	11.316	5.948	
173	**13/10/2020 18:00**	11.316	5.955	
174	**13/10/2020 19:00**	11.316	5.951	
175	**13/10/2020 20:00**	11.316	5.944	
176	**13/10/2020 21:00**	11.316	5.945	
177	**13/10/2020 22:00**	11.316	5.953	
178	**13/10/2020 23:00**	11.368	5.946	
179	**14/10/2020 00:00**	11.316	5.955	
180	**14/10/2020 01:00**	11.316	5.946	
181	**14/10/2020 02:00**	11.316	5.946	
182	**14/10/2020 03:00**	11.316	5.957	
183	**14/10/2020 04:00**	11.316	5.952	
184	**14/10/2020 05:00**	11.316	5.952	
185	**14/10/2020 06:00**	11.316	5.950	
186	**14/10/2020 07:00**	11.316	5.952	
187	**14/10/2020 08:00**	11.316	5.948	
188	**14/10/2020 09:00**	11.316	5.951	
189	**14/10/2020 10:00**	11.316	5.949	
190	**14/10/2020 11:00**	11.316	5.951	
191	**14/10/2020 12:00**	11.316	5.952	
192	**14/10/2020 13:00**	11.316	5.947	
193	**14/10/2020 14:00**	11.316	5.959	
194	**14/10/2020 15:00**	11.316	5.945	
195	**14/10/2020 16:00**	11.368	5.952	
196	**14/10/2020 17:00**	11.316	5.956	
197	**14/10/2020 18:00**	11.316	5.953	
198	**14/10/2020 19:00**	11.316	5.961	
199	**14/10/2020 20:00**	11.316	5.952	
200	**14/10/2020 21:00**	11.316	5.953	
201	**14/10/2020 22:00**	11.316	5.945	
202	**14/10/2020 23:00**	11.316	5.947	
203	**15/10/2020 00:00**	11.316	5.942	
204	**15/10/2020 01:00**	11.316	5.948	
205	**15/10/2020 02:00**	11.316	5.954	
206	**15/10/2020 03:00**	11.316	5.953	
207	**15/10/2020 04:00**	11.316	5.951	
208	**15/10/2020 05:00**	11.316	5.955	
209	**15/10/2020 06:00**	11.316	5.954	
210	**15/10/2020 07:00**	11.316	5.954	
211	**15/10/2020 08:00**	11.316	5.954	
212	**15/10/2020 09:00**	11.316	5.954	
213	**15/10/2020 10:00**	11.316	5.951	
214	**15/10/2020 11:00**	11.316	5.949	
215	**15/10/2020 12:00**	11.316	5.953	
216	**15/10/2020 13:00**	11.316	5.951	
217	**15/10/2020 14:00**	11.316	5.953	
218	**15/10/2020 15:00**	11.316	5.942	
219	**15/10/2020 16:00**	11.316	5.945	

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220	**15/10/2020 17:00**	11.316	5.948	
221	**15/10/2020 18:00**	11.316	5.951	
222	**15/10/2020 19:00**	11.316	5.954	
223	**15/10/2020 20:00**	11.316	5.953	
224	**15/10/2020 21:00**	11.316	5.950	
225	**15/10/2020 22:00**	11.316	5.950	
226	**15/10/2020 23:00**	11.316	5.949	
227	**16/10/2020 00:00**	11.368	5.947	
228	**16/10/2020 01:00**	11.368	5.952	
229	**16/10/2020 02:00**	11.316	5.942	
230	**16/10/2020 03:00**	11.368	5.952	
231	**16/10/2020 04:00**	11.316	5.947	
232	**16/10/2020 05:00**	11.316	5.945	
233	**16/10/2020 06:00**	11.316	5.946	
234	**16/10/2020 07:00**	11.368	5.945	
235	**16/10/2020 08:00**	11.316	5.949	
236	**16/10/2020 09:00**	11.316	5.948	
237	**16/10/2020 10:00**	11.316	5.946	
238	**16/10/2020 11:00**	11.316	5.944	
239	**16/10/2020 12:00**	11.316	5.952	
240	**16/10/2020 13:00**	11.316	5.940	
241	**16/10/2020 14:00**	11.316	5.951	
242	**16/10/2020 15:00**	11.316	5.950	
243	**16/10/2020 16:00**	11.316	5.944	
244	**16/10/2020 17:00**	11.316	5.946	
245	**16/10/2020 18:00**	11.316	5.947	
246	**16/10/2020 19:00**	11.316	5.946	
247	**16/10/2020 20:00**	11.316	5.947	
248	**16/10/2020 21:00**	11.316	5.942	
249	**16/10/2020 22:00**	11.316	5.936	
250	**16/10/2020 23:00**	11.316	5.936	
251	**17/10/2020 00:00**	11.368	5.948	
252	**17/10/2020 01:00**	11.316	5.943	
253	**17/10/2020 02:00**	11.316	5.941	
254	**17/10/2020 03:00**	11.316	5.943	
255	**17/10/2020 04:00**	11.316	5.945	
256	**17/10/2020 05:00**	11.368	5.938	
257	**17/10/2020 06:00**	11.316	5.941	
258	**17/10/2020 07:00**	11.316	5.941	
259	**17/10/2020 08:00**	11.368	5.939	
260	**17/10/2020 09:00**	11.316	5.938	
261	**17/10/2020 10:00**	11.316	5.936	
262	**17/10/2020 11:00**	11.316	5.936	
263	**17/10/2020 12:00**	11.316	5.936	
264	**17/10/2020 13:00**	11.316	5.930	
265	**17/10/2020 14:00**	11.368	5.934	
266	**17/10/2020 15:00**	11.316	5.934	
267	**17/10/2020 16:00**	11.316	5.936	
268	**17/10/2020 17:00**	11.316	5.935	
269	**17/10/2020 18:00**	11.316	5.939	
270	**17/10/2020 19:00**	11.368	5.929	
271	**17/10/2020 20:00**	11.316	5.929	
272	**17/10/2020 21:00**	11.316	5.933	
273	**17/10/2020 22:00**	11.316	5.930	
274	**17/10/2020 23:00**	11.316	5.933	

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275	**18/10/2020 00:00**	11.316	5.941	
276	**18/10/2020 01:00**	11.368	5.934	
277	**18/10/2020 02:00**	11.316	5.929	
278	**18/10/2020 03:00**	11.316	5.931	
279	**18/10/2020 04:00**	11.368	5.930	
280	**18/10/2020 05:00**	11.316	5.931	
281	**18/10/2020 06:00**	11.316	5.922	
282	**18/10/2020 07:00**	11.316	5.934	
283	**18/10/2020 08:00**	11.368	5.930	
284	**18/10/2020 09:00**	11.316	5.920	
285	**18/10/2020 10:00**	11.316	5.927	
286	**18/10/2020 11:00**	11.368	5.926	
287	**18/10/2020 12:00**	11.316	5.929	
288	**18/10/2020 13:00**	11.316	5.929	
289	**18/10/2020 14:00**	11.368	5.926	
290	**18/10/2020 15:00**	11.316	5.925	
291	**18/10/2020 16:00**	11.316	5.924	
292	**18/10/2020 17:00**	11.368	5.928	
293	**18/10/2020 18:00**	11.316	5.920	
294	**18/10/2020 19:00**	11.316	5.920	
295	**18/10/2020 20:00**	11.368	5.924	
296	**18/10/2020 21:00**	11.316	5.928	
297	**18/10/2020 22:00**	11.316	5.925	
298	**18/10/2020 23:00**	11.316	5.927	
299	**19/10/2020 00:00**	11.316	5.925	
300	**19/10/2020 01:00**	11.368	5.922	
301	**19/10/2020 02:00**	11.316	5.918	
302	**19/10/2020 03:00**	11.368	5.918	
303	**19/10/2020 04:00**	11.316	5.926	
304	**19/10/2020 05:00**	11.368	5.927	
305	**19/10/2020 06:00**	11.316	5.923	
306	**19/10/2020 07:00**	11.368	5.920	
307	**19/10/2020 08:00**	11.316	5.924	
308	**19/10/2020 09:00**	11.316	5.916	
309	**19/10/2020 10:00**	11.316	5.921	
310	**19/10/2020 11:00**	11.316	5.915	
311	**19/10/2020 12:00**	11.316	5.917	
312	**19/10/2020 13:00**	11.316	5.916	
313	**19/10/2020 14:00**	11.316	5.917	
314	**19/10/2020 15:00**	11.368	5.916	
315	**19/10/2020 16:00**	11.368	5.908	
316	**19/10/2020 17:00**	11.316	5.915	
317	**19/10/2020 18:00**	11.316	5.911	
318	**19/10/2020 19:00**	11.316	5.917	
319	**19/10/2020 20:00**	11.368	5.907	
320	**19/10/2020 21:00**	11.316	5.906	
321	**19/10/2020 22:00**	11.316	5.909	
322	**19/10/2020 23:00**	11.316	5.906	
323	**20/10/2020 00:00**	11.368	5.910	
324	**20/10/2020 01:00**	11.316	5.904	
325	**20/10/2020 02:00**	11.316	5.905	
326	**20/10/2020 03:00**	11.316	5.914	
327	**20/10/2020 04:00**	11.368	5.905	
328	**20/10/2020 05:00**	11.368	5.898	
329	**20/10/2020 06:00**	11.368	5.902	

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330	**20/10/2020 07:00**	11.316	5.904	
331	**20/10/2020 08:00**	11.316	5.898	
332	**20/10/2020 09:00**	11.316	5.902	
333	**20/10/2020 10:00**	11.368	5.901	
334	**20/10/2020 11:00**	11.368	5.898	
335	**20/10/2020 12:00**	11.368	5.901	
336	**20/10/2020 13:00**	11.316	5.902	
337	**20/10/2020 14:00**	11.316	5.906	
338	**20/10/2020 15:00**	11.316	5.903	
339	**20/10/2020 16:00**	11.368	5.895	
340	**20/10/2020 17:00**	11.316	5.903	
341	**20/10/2020 18:00**	11.368	5.895	
342	**20/10/2020 19:00**	11.316	5.897	
343	**20/10/2020 20:00**	11.316	5.898	
344	**20/10/2020 21:00**	11.316	5.896	
345	**20/10/2020 22:00**	11.368	5.883	
346	**20/10/2020 23:00**	11.316	5.887	
347	**21/10/2020 00:00**	11.316	5.888	
348	**21/10/2020 01:00**	11.316	5.887	
349	**21/10/2020 02:00**	11.368	5.885	
350	**21/10/2020 03:00**	11.368	5.882	
351	**21/10/2020 04:00**	11.368	5.890	
352	**21/10/2020 05:00**	11.368	5.887	
353	**21/10/2020 06:00**	11.316	5.888	
354	**21/10/2020 07:00**	11.316	5.885	
355	**21/10/2020 08:00**	11.316	5.886	
356	**21/10/2020 09:00**	11.316	5.879	
357	**21/10/2020 10:00**	11.368	5.886	
358	**21/10/2020 11:00**	11.368	5.874	
359	**21/10/2020 12:00**	11.316	5.880	
360	**21/10/2020 13:00**	11.368	5.882	
361	**21/10/2020 14:00**	11.316	5.879	
362	**21/10/2020 15:00**	11.316	5.876	
363	**21/10/2020 16:00**	11.368	5.880	
364	**21/10/2020 17:00**	11.316	5.874	
365	**21/10/2020 18:00**	11.316	5.871	
366	**21/10/2020 19:00**	11.316	5.872	
367	**21/10/2020 20:00**	11.368	5.879	
368	**21/10/2020 21:00**	11.316	5.882	
369	**21/10/2020 22:00**	11.316	5.876	
370	**21/10/2020 23:00**	11.316	5.878	
371	**22/10/2020 00:00**	11.316	5.879	
372	**22/10/2020 01:00**	11.316	5.878	
373	**22/10/2020 02:00**	11.368	5.873	
374	**22/10/2020 03:00**	11.316	5.873	
375	**22/10/2020 04:00**	11.316	5.866	
376	**22/10/2020 05:00**	11.316	5.872	
377	**22/10/2020 06:00**	11.368	5.872	
378	**22/10/2020 07:00**	11.368	5.872	
379	**22/10/2020 08:00**	11.368	5.875	
380	**22/10/2020 09:00**	11.368	5.866	
381	**22/10/2020 10:00**	11.368	5.869	
382	**22/10/2020 11:00**	11.316	5.870	
383	**22/10/2020 12:00**	11.316	5.871	
384	**22/10/2020 13:00**	11.316	5.867	

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385	**22/10/2020 14:00**	11.316	5.877	
386	**22/10/2020 15:00**	11.316	5.877	
387	**22/10/2020 16:00**	11.316	5.874	
388	**22/10/2020 17:00**	11.316	5.866	
389	**22/10/2020 18:00**	11.316	5.862	
390	**22/10/2020 19:00**	11.368	5.871	
391	**22/10/2020 20:00**	11.368	5.870	
392	**22/10/2020 21:00**	11.368	5.865	
393	**22/10/2020 22:00**	11.368	5.873	
394	**22/10/2020 23:00**	11.368	5.865	
395	**23/10/2020 00:00**	11.368	5.873	
396	**23/10/2020 01:00**	11.316	5.868	
397	**23/10/2020 02:00**	11.316	5.867	
398	**23/10/2020 03:00**	11.368	5.866	
399	**23/10/2020 04:00**	11.368	5.862	
400	**23/10/2020 05:00**	11.368	5.876	
401	**23/10/2020 06:00**	11.368	5.870	
402	**23/10/2020 07:00**	11.368	5.860	
403	**23/10/2020 08:00**	11.368	5.867	
404	**23/10/2020 09:00**	11.368	5.862	
405	**23/10/2020 10:00**	11.368	5.870	
406	**23/10/2020 11:00**	11.368	5.868	
407	**23/10/2020 12:00**	11.316	5.866	
408	**23/10/2020 13:00**	11.316	5.867	
409	**23/10/2020 14:00**	11.316	5.867	
410	**23/10/2020 15:00**	11.368	5.862	
411	**23/10/2020 16:00**	11.316	5.861	
412	**23/10/2020 17:00**	11.368	5.859	
413	**23/10/2020 18:00**	11.368	5.857	
414	**23/10/2020 19:00**	11.368	5.862	
415	**23/10/2020 20:00**	11.368	5.859	
416	**23/10/2020 21:00**	11.368	5.856	
417	**23/10/2020 22:00**	11.368	5.858	
418	**23/10/2020 23:00**	11.316	5.867	
419	**24/10/2020 00:00**	11.316	5.865	
420	**24/10/2020 01:00**	11.368	5.862	
421	**24/10/2020 02:00**	11.368	5.863	
422	**24/10/2020 03:00**	11.368	5.867	
423	**24/10/2020 04:00**	11.316	5.855	
424	**24/10/2020 05:00**	11.316	5.862	
425	**24/10/2020 06:00**	11.368	5.854	
426	**24/10/2020 07:00**	11.368	5.853	
427	**24/10/2020 08:00**	11.368	5.863	
428	**24/10/2020 09:00**	11.368	5.855	
429	**24/10/2020 10:00**	11.368	5.861	
430	**24/10/2020 11:00**	11.368	5.850	
431	**24/10/2020 12:00**	11.368	5.853	
432	**24/10/2020 13:00**	11.368	5.856	
433	**24/10/2020 14:00**	11.316	5.852	
434	**24/10/2020 15:00**	11.368	5.849	
435	**24/10/2020 16:00**	11.368	5.853	
436	**24/10/2020 17:00**	11.368	5.850	
437	**24/10/2020 18:00**	11.368	5.851	
438	**24/10/2020 19:00**	11.368	5.848	
439	**24/10/2020 20:00**	11.368	5.851	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 208**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**24/10/2020 21:00**	11.368	5.849	
441	**24/10/2020 22:00**	11.368	5.847	
442	**24/10/2020 23:00**	11.368	5.849	
443	**25/10/2020 00:00**	11.316	5.842	
444	**25/10/2020 01:00**	11.368	5.856	
445	**25/10/2020 02:00**	11.368	5.847	
446	**25/10/2020 02:00**	11.316	5.854	
447	**25/10/2020 03:00**	11.368	5.848	
448	**25/10/2020 04:00**	11.316	5.846	
449	**25/10/2020 05:00**	11.316	5.844	
450	**25/10/2020 06:00**	11.316	5.846	
451	**25/10/2020 07:00**	11.368	5.841	
452	**25/10/2020 08:00**	11.368	5.843	
453	**25/10/2020 09:00**	11.368	5.848	
454	**25/10/2020 10:00**	11.368	5.843	
455	**25/10/2020 11:00**	11.368	5.847	
456	**25/10/2020 12:00**	11.368	5.840	
457	**25/10/2020 13:00**	11.368	5.845	
458	**25/10/2020 14:00**	11.368	5.839	
459	**25/10/2020 15:00**	11.316	5.844	
460	**25/10/2020 16:00**	11.368	5.847	
461	**25/10/2020 17:00**	11.316	5.847	
462	**25/10/2020 18:00**	11.368	5.843	
463	**25/10/2020 19:00**	11.368	5.839	
464	**25/10/2020 20:00**	11.368	5.847	
465	**25/10/2020 21:00**	11.368	5.835	
466	**25/10/2020 22:00**	11.316	5.843	
467	**25/10/2020 23:00**	11.368	5.834	
468	**26/10/2020 00:00**	11.368	5.835	
469	**26/10/2020 01:00**	11.316	5.839	
470	**26/10/2020 02:00**	11.368	5.838	
471	**26/10/2020 03:00**	11.316	5.836	
472	**26/10/2020 04:00**	11.368	5.844	
473	**26/10/2020 05:00**	11.368	5.841	
474	**26/10/2020 06:00**	11.368	5.839	
475	**26/10/2020 07:00**	11.368	5.844	
476	**26/10/2020 08:00**	11.368	5.833	
477	**26/10/2020 09:00**	11.368	5.834	
478	**26/10/2020 10:00**	11.368	5.839	
479	**26/10/2020 11:00**	11.368	5.840	
480	**26/10/2020 12:00**	11.368	5.829	
481	**26/10/2020 13:00**	11.368	5.840	
482	**26/10/2020 14:00**	11.316	5.832	
483	**26/10/2020 15:00**	11.368	5.842	
484	**26/10/2020 16:00**	11.368	5.837	
485	**26/10/2020 17:00**	11.368	5.843	
486	**26/10/2020 18:00**	11.368	5.838	
487	**26/10/2020 19:00**	11.368	5.833	
488	**26/10/2020 20:00**	11.368	5.840	
489	**26/10/2020 21:00**	11.368	5.831	
490	**26/10/2020 22:00**	11.368	5.830	
491	**26/10/2020 23:00**	11.368	5.834	
492	**27/10/2020 00:00**	11.368	5.838	
493	**27/10/2020 01:00**	11.368	5.830	
494	**27/10/2020 02:00**	11.368	5.831	

Project.	**Harbour Point Bray**
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Engineer.	**Atkins**
Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**27/10/2020 03:00**	11.368	5.834	
496	**27/10/2020 04:00**	11.368	5.833	
497	**27/10/2020 05:00**	11.368	5.834	
498	**27/10/2020 06:00**	11.368	5.829	
499	**27/10/2020 07:00**	11.368	5.836	
500	**27/10/2020 08:00**	11.368	5.829	
501	**27/10/2020 09:00**	11.368	5.828	
502	**27/10/2020 10:00**	11.368	5.832	
503	**27/10/2020 11:00**	11.368	5.837	
504	**27/10/2020 12:00**	11.316	5.824	
505	**27/10/2020 13:00**	11.368	5.836	
506	**27/10/2020 14:00**	11.368	5.832	
507	**27/10/2020 15:00**	11.368	5.835	
508	**27/10/2020 16:00**	11.368	5.835	
509	**27/10/2020 17:00**	11.368	5.828	
510	**27/10/2020 18:00**	11.368	5.831	
511	**27/10/2020 19:00**	11.368	5.826	
512	**27/10/2020 20:00**	11.368	5.825	
513	**27/10/2020 21:00**	11.368	5.822	
514	**27/10/2020 22:00**	11.368	5.832	
515	**27/10/2020 23:00**	11.368	5.830	
516	**28/10/2020 00:00**	11.368	5.833	
517	**28/10/2020 01:00**	11.368	5.832	
518	**28/10/2020 02:00**	11.368	5.833	
519	**28/10/2020 03:00**	11.368	5.824	
520	**28/10/2020 04:00**	11.368	5.829	
521	**28/10/2020 05:00**	11.368	5.818	
522	**28/10/2020 06:00**	11.368	5.822	
523	**28/10/2020 07:00**	11.368	5.822	
524	**28/10/2020 08:00**	11.368	5.830	
525	**28/10/2020 09:00**	11.368	5.829	
526	**28/10/2020 10:00**	11.368	5.832	
527	**28/10/2020 11:00**	11.316	5.822	
528	**28/10/2020 12:00**	11.368	5.825	
529	**28/10/2020 13:00**	11.368	5.826	
530	**28/10/2020 14:00**	11.368	5.822	
531	**28/10/2020 15:00**	11.368	5.832	
532	**28/10/2020 16:00**	11.368	5.832	
533	**28/10/2020 17:00**	11.368	5.835	
534	**28/10/2020 18:00**	11.368	5.827	
535	**28/10/2020 19:00**	11.368	5.831	
536	**28/10/2020 20:00**	11.368	5.827	
537	**28/10/2020 21:00**	11.368	5.828	
538	**28/10/2020 22:00**	11.316	5.829	
539	**28/10/2020 23:00**	11.368	5.829	
540	**29/10/2020 00:00**	11.368	5.829	
541	**29/10/2020 01:00**	11.368	5.830	
542	**29/10/2020 02:00**	11.368	5.825	
543	**29/10/2020 03:00**	11.368	5.819	
544	**29/10/2020 04:00**	11.368	5.828	
545	**29/10/2020 05:00**	11.368	5.824	
546	**29/10/2020 06:00**	11.368	5.824	
547	**29/10/2020 07:00**	11.368	5.821	
548	**29/10/2020 08:00**	11.316	5.825	
549	**29/10/2020 09:00**	11.368	5.829	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**29/10/2020 10:00**	11.368	5.825	
551	**29/10/2020 11:00**	11.316	5.835	
552	**29/10/2020 12:00**	11.368	5.832	
553	**29/10/2020 13:00**	11.368	5.831	
554	**29/10/2020 14:00**	11.368	5.827	
555	**29/10/2020 15:00**	11.316	5.832	
556	**29/10/2020 16:00**	11.368	5.827	
557	**29/10/2020 17:00**	11.368	5.830	
558	**29/10/2020 18:00**	11.368	5.823	
559	**29/10/2020 19:00**	11.316	5.831	
560	**29/10/2020 20:00**	11.368	5.827	
561	**29/10/2020 21:00**	11.316	5.827	
562	**29/10/2020 22:00**	11.368	5.825	
563	**29/10/2020 23:00**	11.368	5.829	
564	**30/10/2020 00:00**	11.368	5.823	
565	**30/10/2020 01:00**	11.368	5.830	
566	**30/10/2020 02:00**	11.368	5.817	
567	**30/10/2020 03:00**	11.368	5.821	
568	**30/10/2020 04:00**	11.316	5.832	
569	**30/10/2020 05:00**	11.368	5.831	
570	**30/10/2020 06:00**	11.368	5.822	
571	**30/10/2020 07:00**	11.316	5.826	
572	**30/10/2020 08:00**	11.368	5.828	
573	**30/10/2020 09:00**	11.368	5.825	
574	**30/10/2020 10:00**	11.368	5.819	
575	**30/10/2020 11:00**	11.368	5.823	
576	**30/10/2020 12:00**	11.368	5.832	
577	**30/10/2020 13:00**	11.368	5.825	
578	**30/10/2020 14:00**	11.368	5.836	
579	**30/10/2020 15:00**	11.316	5.824	
580	**30/10/2020 16:00**	11.368	5.828	
581	**30/10/2020 17:00**	11.368	5.832	
582	**30/10/2020 18:00**	11.368	5.823	
583	**30/10/2020 19:00**	11.368	5.827	
584	**30/10/2020 20:00**	11.368	5.825	
585	**30/10/2020 21:00**	11.368	5.822	
586	**30/10/2020 22:00**	11.368	5.832	
587	**30/10/2020 23:00**	11.368	5.825	
588	**31/10/2020 00:00**	11.368	5.828	
589	**31/10/2020 01:00**	11.368	5.829	
590	**31/10/2020 02:00**	11.368	5.824	
591	**31/10/2020 03:00**	11.368	5.824	
592	**31/10/2020 04:00**	11.368	5.830	
593	**31/10/2020 05:00**	11.368	5.815	
594	**31/10/2020 06:00**	11.368	5.821	
595	**31/10/2020 07:00**	11.368	5.823	
596	**31/10/2020 08:00**	11.368	5.829	
597	**31/10/2020 09:00**	11.368	5.824	
598	**31/10/2020 10:00**	11.368	5.821	
599	**31/10/2020 11:00**	11.368	5.816	
600	**31/10/2020 12:00**	11.368	5.829	
601	**31/10/2020 13:00**	11.368	5.820	
602	**31/10/2020 14:00**	11.368	5.822	
603	**31/10/2020 15:00**	11.368	5.821	
604	**31/10/2020 16:00**	11.368	5.815	

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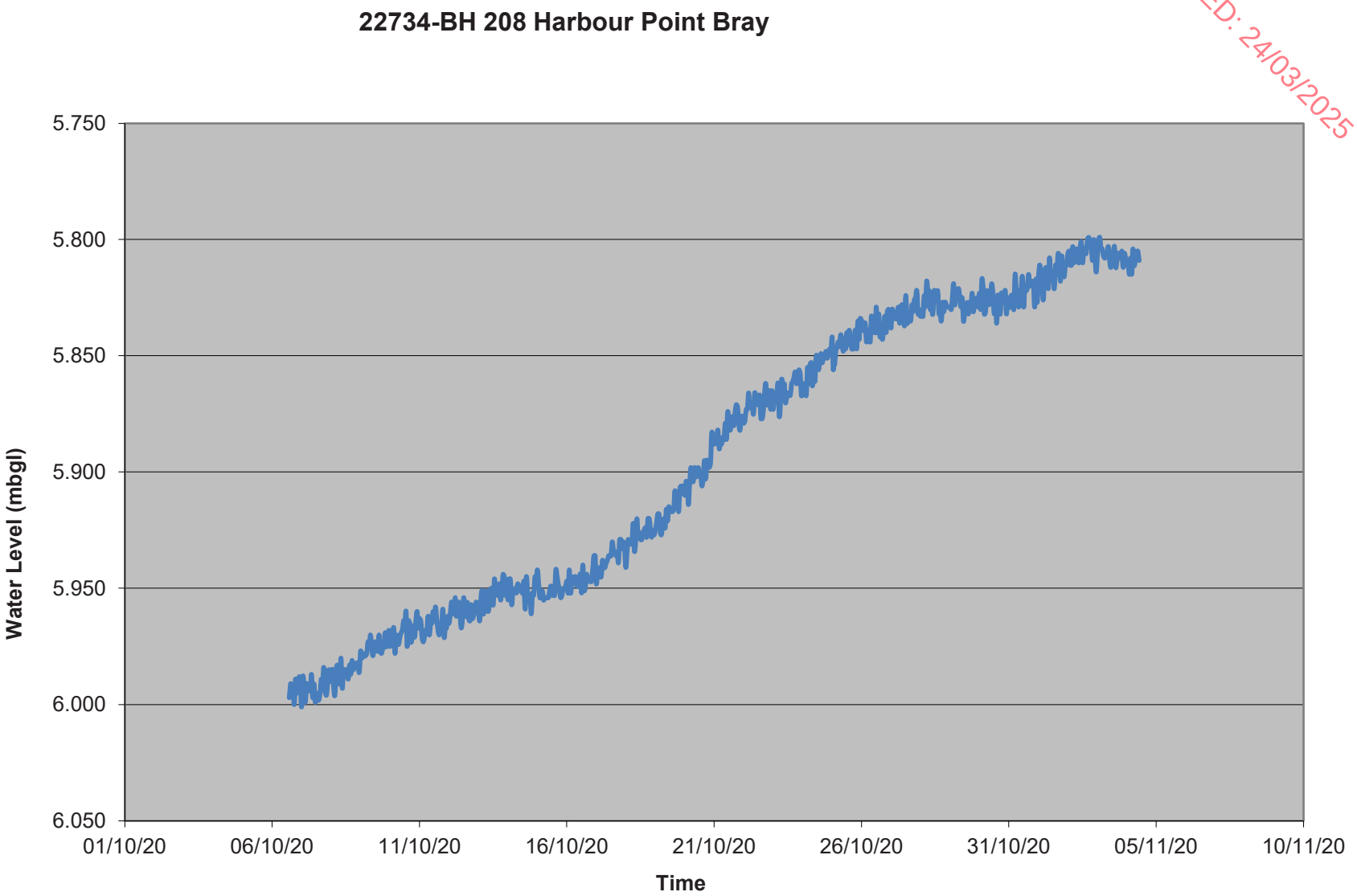
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**31/10/2020 17:00**	11.368	5.820	
606	**31/10/2020 18:00**	11.368	5.818	
607	**31/10/2020 19:00**	11.368	5.818	
608	**31/10/2020 20:00**	11.368	5.819	
609	**31/10/2020 21:00**	11.368	5.829	
610	**31/10/2020 22:00**	11.368	5.817	
611	**31/10/2020 23:00**	11.368	5.827	
612	**01/11/2020 00:00**	11.368	5.817	
613	**01/11/2020 01:00**	11.368	5.811	
614	**01/11/2020 02:00**	11.316	5.814	
615	**01/11/2020 03:00**	11.368	5.819	
616	**01/11/2020 04:00**	11.368	5.826	
617	**01/11/2020 05:00**	11.368	5.815	
618	**01/11/2020 06:00**	11.368	5.812	
619	**01/11/2020 07:00**	11.368	5.813	
620	**01/11/2020 08:00**	11.368	5.821	
621	**01/11/2020 09:00**	11.368	5.808	
622	**01/11/2020 10:00**	11.368	5.814	
623	**01/11/2020 11:00**	11.368	5.817	
624	**01/11/2020 12:00**	11.368	5.817	
625	**01/11/2020 13:00**	11.368	5.821	
626	**01/11/2020 14:00**	11.368	5.811	
627	**01/11/2020 15:00**	11.368	5.815	
628	**01/11/2020 16:00**	11.368	5.806	
629	**01/11/2020 17:00**	11.368	5.809	
630	**01/11/2020 18:00**	11.368	5.818	
631	**01/11/2020 19:00**	11.368	5.807	
632	**01/11/2020 20:00**	11.368	5.815	
633	**01/11/2020 21:00**	11.368	5.816	
634	**01/11/2020 22:00**	11.368	5.811	
635	**01/11/2020 23:00**	11.368	5.811	
636	**02/11/2020 00:00**	11.368	5.806	
637	**02/11/2020 01:00**	11.368	5.805	
638	**02/11/2020 02:00**	11.368	5.811	
639	**02/11/2020 03:00**	11.368	5.811	
640	**02/11/2020 04:00**	11.368	5.803	
641	**02/11/2020 05:00**	11.368	5.810	
642	**02/11/2020 06:00**	11.368	5.805	
643	**02/11/2020 07:00**	11.368	5.804	
644	**02/11/2020 08:00**	11.368	5.806	
645	**02/11/2020 09:00**	11.368	5.810	
646	**02/11/2020 10:00**	11.368	5.803	
647	**02/11/2020 11:00**	11.368	5.801	
648	**02/11/2020 12:00**	11.368	5.810	
649	**02/11/2020 13:00**	11.368	5.804	
650	**02/11/2020 14:00**	11.368	5.806	
651	**02/11/2020 15:00**	11.368	5.806	
652	**02/11/2020 16:00**	11.368	5.800	
653	**02/11/2020 17:00**	11.368	5.799	
654	**02/11/2020 18:00**	11.368	5.801	
655	**02/11/2020 19:00**	11.368	5.802	
656	**02/11/2020 20:00**	11.368	5.809	
657	**02/11/2020 21:00**	11.368	5.800	
658	**02/11/2020 22:00**	11.368	5.806	
659	**02/11/2020 23:00**	11.368	5.814	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**03/11/2020 00:00**	11.368	5.808	
661	**03/11/2020 01:00**	11.316	5.800	
662	**03/11/2020 02:00**	11.368	5.799	
663	**03/11/2020 03:00**	11.368	5.804	
664	**03/11/2020 04:00**	11.368	5.804	
665	**03/11/2020 05:00**	11.368	5.807	
666	**03/11/2020 06:00**	11.368	5.808	
667	**03/11/2020 07:00**	11.368	5.807	
668	**03/11/2020 08:00**	11.368	5.806	
669	**03/11/2020 09:00**	11.368	5.803	
670	**03/11/2020 10:00**	11.368	5.809	
671	**03/11/2020 11:00**	11.368	5.812	
672	**03/11/2020 12:00**	11.368	5.808	
673	**03/11/2020 13:00**	11.368	5.806	
674	**03/11/2020 14:00**	11.368	5.803	
675	**03/11/2020 15:00**	11.368	5.812	
676	**03/11/2020 16:00**	11.368	5.809	
677	**03/11/2020 17:00**	11.368	5.806	
678	**03/11/2020 18:00**	11.368	5.806	
679	**03/11/2020 19:00**	11.368	5.808	
680	**03/11/2020 20:00**	11.368	5.805	
681	**03/11/2020 21:00**	11.368	5.812	
682	**03/11/2020 22:00**	11.368	5.806	
683	**03/11/2020 23:00**	11.368	5.808	
684	**04/11/2020 00:00**	11.368	5.811	
685	**04/11/2020 01:00**	11.368	5.809	
686	**04/11/2020 02:00**	11.368	5.815	
687	**04/11/2020 03:00**	11.368	5.808	
688	**04/11/2020 04:00**	11.368	5.815	
689	**04/11/2020 05:00**	11.368	5.804	
690	**04/11/2020 06:00**	11.368	5.811	
691	**04/11/2020 07:00**	11.368	5.809	
692	**04/11/2020 08:00**	11.368	5.806	
693	**04/11/2020 09:00**	11.368	5.805	
694	**04/11/2020 10:00**	11.368	5.809	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**04/11/2020 13:00**	11.420	5.802	
2	**04/11/2020 14:00**	11.420	5.790	
3	**04/11/2020 15:00**	11.368	5.786	
4	**04/11/2020 16:00**	11.368	5.798	
5	**04/11/2020 17:00**	11.368	5.796	
6	**04/11/2020 18:00**	11.368	5.787	
7	**04/11/2020 19:00**	11.368	5.797	
8	**04/11/2020 20:00**	11.368	5.786	
9	**04/11/2020 21:00**	11.368	5.796	
10	**04/11/2020 22:00**	11.368	5.789	
11	**04/11/2020 23:00**	11.368	5.799	
12	**05/11/2020 00:00**	11.368	5.803	
13	**05/11/2020 01:00**	11.368	5.808	
14	**05/11/2020 02:00**	11.368	5.796	
15	**05/11/2020 03:00**	11.368	5.798	
16	**05/11/2020 04:00**	11.368	5.797	
17	**05/11/2020 05:00**	11.368	5.797	
18	**05/11/2020 06:00**	11.368	5.805	
19	**05/11/2020 07:00**	11.368	5.788	
20	**05/11/2020 08:00**	11.368	5.798	
21	**05/11/2020 09:00**	11.368	5.790	
22	**05/11/2020 10:00**	11.368	5.804	
23	**05/11/2020 11:00**	11.368	5.798	
24	**05/11/2020 12:00**	11.368	5.798	
25	**05/11/2020 13:00**	11.368	5.803	
26	**05/11/2020 14:00**	11.368	5.809	
27	**05/11/2020 15:00**	11.368	5.804	
28	**05/11/2020 16:00**	11.368	5.802	
29	**05/11/2020 17:00**	11.420	5.802	
30	**05/11/2020 18:00**	11.368	5.803	
31	**05/11/2020 19:00**	11.368	5.808	
32	**05/11/2020 20:00**	11.368	5.803	
33	**05/11/2020 21:00**	11.368	5.806	
34	**05/11/2020 22:00**	11.368	5.805	
35	**05/11/2020 23:00**	11.368	5.808	
36	**06/11/2020 00:00**	11.368	5.802	
37	**06/11/2020 01:00**	11.368	5.806	
38	**06/11/2020 02:00**	11.368	5.805	
39	**06/11/2020 03:00**	11.368	5.811	
40	**06/11/2020 04:00**	11.368	5.808	
41	**06/11/2020 05:00**	11.368	5.811	
42	**06/11/2020 06:00**	11.368	5.803	
43	**06/11/2020 07:00**	11.368	5.813	
44	**06/11/2020 08:00**	11.368	5.798	
45	**06/11/2020 09:00**	11.368	5.808	
46	**06/11/2020 10:00**	11.368	5.803	
47	**06/11/2020 11:00**	11.420	5.812	
48	**06/11/2020 12:00**	11.368	5.807	
49	**06/11/2020 13:00**	11.368	5.811	
50	**06/11/2020 14:00**	11.420	5.812	
51	**06/11/2020 15:00**	11.368	5.810	
52	**06/11/2020 16:00**	11.368	5.809	
53	**06/11/2020 17:00**	11.368	5.811	
54	**06/11/2020 18:00**	11.368	5.807	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**06/11/2020 19:00**	11.368	5.805	
56	**06/11/2020 20:00**	11.368	5.804	
57	**06/11/2020 21:00**	11.420	5.801	
58	**06/11/2020 22:00**	11.368	5.807	
59	**06/11/2020 23:00**	11.420	5.808	
60	**07/11/2020 00:00**	11.368	5.806	
61	**07/11/2020 01:00**	11.368	5.808	
62	**07/11/2020 02:00**	11.368	5.806	
63	**07/11/2020 03:00**	11.420	5.802	
64	**07/11/2020 04:00**	11.420	5.808	
65	**07/11/2020 05:00**	11.368	5.806	
66	**07/11/2020 06:00**	11.368	5.806	
67	**07/11/2020 07:00**	11.368	5.795	
68	**07/11/2020 08:00**	11.368	5.794	
69	**07/11/2020 09:00**	11.368	5.805	
70	**07/11/2020 10:00**	11.368	5.793	
71	**07/11/2020 11:00**	11.368	5.814	
72	**07/11/2020 12:00**	11.368	5.807	
73	**07/11/2020 13:00**	11.368	5.811	
74	**07/11/2020 14:00**	11.368	5.794	
75	**07/11/2020 15:00**	11.420	5.811	
76	**07/11/2020 16:00**	11.368	5.802	
77	**07/11/2020 17:00**	11.420	5.802	
78	**07/11/2020 18:00**	11.368	5.790	
79	**07/11/2020 19:00**	11.368	5.803	
80	**07/11/2020 20:00**	11.368	5.806	
81	**07/11/2020 21:00**	11.368	5.804	
82	**07/11/2020 22:00**	11.368	5.800	
83	**07/11/2020 23:00**	11.420	5.802	
84	**08/11/2020 00:00**	11.420	5.805	
85	**08/11/2020 01:00**	11.368	5.807	
86	**08/11/2020 02:00**	11.368	5.813	
87	**08/11/2020 03:00**	11.368	5.802	
88	**08/11/2020 04:00**	11.420	5.808	
89	**08/11/2020 05:00**	11.368	5.795	
90	**08/11/2020 06:00**	11.368	5.807	
91	**08/11/2020 07:00**	11.368	5.802	
92	**08/11/2020 08:00**	11.368	5.798	
93	**08/11/2020 09:00**	11.368	5.796	
94	**08/11/2020 10:00**	11.368	5.803	
95	**08/11/2020 11:00**	11.368	5.802	
96	**08/11/2020 12:00**	11.420	5.807	
97	**08/11/2020 13:00**	11.368	5.808	
98	**08/11/2020 14:00**	11.368	5.806	
99	**08/11/2020 15:00**	11.368	5.800	
100	**08/11/2020 16:00**	11.420	5.803	
101	**08/11/2020 17:00**	11.368	5.804	
102	**08/11/2020 18:00**	11.368	5.799	
103	**08/11/2020 19:00**	11.420	5.794	
104	**08/11/2020 20:00**	11.420	5.798	
105	**08/11/2020 21:00**	11.420	5.799	
106	**08/11/2020 22:00**	11.368	5.808	
107	**08/11/2020 23:00**	11.420	5.799	
108	**09/11/2020 00:00**	11.368	5.802	
109	**09/11/2020 01:00**	11.420	5.805	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**09/11/2020 02:00**	11.420	5.807	
111	**09/11/2020 03:00**	11.368	5.808	
112	**09/11/2020 04:00**	11.368	5.802	
113	**09/11/2020 05:00**	11.368	5.801	
114	**09/11/2020 06:00**	11.420	5.803	
115	**09/11/2020 07:00**	11.420	5.799	
116	**09/11/2020 08:00**	11.368	5.799	
117	**09/11/2020 09:00**	11.368	5.809	
118	**09/11/2020 10:00**	11.368	5.809	
119	**09/11/2020 11:00**	11.368	5.805	
120	**09/11/2020 12:00**	11.368	5.809	
121	**09/11/2020 13:00**	11.420	5.807	
122	**09/11/2020 14:00**	11.420	5.810	
123	**09/11/2020 15:00**	11.368	5.810	
124	**09/11/2020 16:00**	11.368	5.799	
125	**09/11/2020 17:00**	11.368	5.805	
126	**09/11/2020 18:00**	11.368	5.802	
127	**09/11/2020 19:00**	11.368	5.797	
128	**09/11/2020 20:00**	11.420	5.798	
129	**09/11/2020 21:00**	11.368	5.799	
130	**09/11/2020 22:00**	11.368	5.798	
131	**09/11/2020 23:00**	11.368	5.807	
132	**10/11/2020 00:00**	11.420	5.804	
133	**10/11/2020 01:00**	11.420	5.805	
134	**10/11/2020 02:00**	11.420	5.806	
135	**10/11/2020 03:00**	11.420	5.801	
136	**10/11/2020 04:00**	11.368	5.800	
137	**10/11/2020 05:00**	11.368	5.806	
138	**10/11/2020 06:00**	11.368	5.806	
139	**10/11/2020 07:00**	11.420	5.803	
140	**10/11/2020 08:00**	11.368	5.812	
141	**10/11/2020 09:00**	11.420	5.796	
142	**10/11/2020 10:00**	11.420	5.807	
143	**10/11/2020 11:00**	11.368	5.805	
144	**10/11/2020 12:00**	11.420	5.804	
145	**10/11/2020 13:00**	11.420	5.807	
146	**10/11/2020 14:00**	11.420	5.809	
147	**10/11/2020 15:00**	11.420	5.807	
148	**10/11/2020 16:00**	11.368	5.812	
149	**10/11/2020 17:00**	11.368	5.808	
150	**10/11/2020 18:00**	11.420	5.803	
151	**10/11/2020 19:00**	11.420	5.808	
152	**10/11/2020 20:00**	11.368	5.811	
153	**10/11/2020 21:00**	11.420	5.802	
154	**10/11/2020 22:00**	11.368	5.809	
155	**10/11/2020 23:00**	11.420	5.815	
156	**11/11/2020 00:00**	11.420	5.814	
157	**11/11/2020 01:00**	11.420	5.812	
158	**11/11/2020 02:00**	11.368	5.807	
159	**11/11/2020 03:00**	11.368	5.809	
160	**11/11/2020 04:00**	11.368	5.808	
161	**11/11/2020 05:00**	11.420	5.807	
162	**11/11/2020 06:00**	11.420	5.804	
163	**11/11/2020 07:00**	11.420	5.816	
164	**11/11/2020 08:00**	11.368	5.816	

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165	**11/11/2020 09:00**	11.368	5.817	
166	**11/11/2020 10:00**	11.420	5.811	
167	**11/11/2020 11:00**	11.420	5.804	
168	**11/11/2020 12:00**	11.420	5.816	
169	**11/11/2020 13:00**	11.368	5.817	
170	**11/11/2020 14:00**	11.420	5.814	
171	**11/11/2020 15:00**	11.420	5.810	
172	**11/11/2020 16:00**	11.420	5.814	
173	**11/11/2020 17:00**	11.420	5.805	
174	**11/11/2020 18:00**	11.420	5.810	
175	**11/11/2020 19:00**	11.420	5.805	
176	**11/11/2020 20:00**	11.368	5.795	
177	**11/11/2020 21:00**	11.420	5.782	
178	**11/11/2020 22:00**	11.368	5.789	
179	**11/11/2020 23:00**	11.420	5.778	
180	**12/11/2020 00:00**	11.420	5.786	
181	**12/11/2020 01:00**	11.420	5.782	
182	**12/11/2020 02:00**	11.420	5.780	
183	**12/11/2020 03:00**	11.420	5.786	
184	**12/11/2020 04:00**	11.420	5.790	
185	**12/11/2020 05:00**	11.368	5.792	
186	**12/11/2020 06:00**	11.420	5.795	
187	**12/11/2020 07:00**	11.368	5.789	
188	**12/11/2020 08:00**	11.420	5.788	
189	**12/11/2020 09:00**	11.368	5.784	
190	**12/11/2020 10:00**	11.420	5.795	
191	**12/11/2020 11:00**	11.420	5.800	
192	**12/11/2020 12:00**	11.368	5.811	
193	**12/11/2020 13:00**	11.420	5.799	
194	**12/11/2020 14:00**	11.420	5.805	
195	**12/11/2020 15:00**	11.420	5.796	
196	**12/11/2020 16:00**	11.420	5.800	
197	**12/11/2020 17:00**	11.420	5.799	
198	**12/11/2020 18:00**	11.368	5.798	
199	**12/11/2020 19:00**	11.420	5.803	
200	**12/11/2020 20:00**	11.420	5.791	
201	**12/11/2020 21:00**	11.368	5.799	
202	**12/11/2020 22:00**	11.420	5.795	
203	**12/11/2020 23:00**	11.420	5.800	
204	**13/11/2020 00:00**	11.420	5.792	
205	**13/11/2020 01:00**	11.420	5.780	
206	**13/11/2020 02:00**	11.420	5.779	
207	**13/11/2020 03:00**	11.420	5.781	
208	**13/11/2020 04:00**	11.420	5.791	
209	**13/11/2020 05:00**	11.420	5.783	
210	**13/11/2020 06:00**	11.420	5.784	
211	**13/11/2020 07:00**	11.420	5.777	
212	**13/11/2020 08:00**	11.368	5.784	
213	**13/11/2020 09:00**	11.420	5.780	
214	**13/11/2020 10:00**	11.420	5.784	
215	**13/11/2020 11:00**	11.420	5.773	
216	**13/11/2020 12:00**	11.420	5.778	
217	**13/11/2020 13:00**	11.420	5.782	
218	**13/11/2020 14:00**	11.420	5.777	
219	**13/11/2020 15:00**	11.420	5.784	

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220	**13/11/2020 16:00**	11.420	5.787	
221	**13/11/2020 17:00**	11.420	5.785	
222	**13/11/2020 18:00**	11.420	5.787	
223	**13/11/2020 19:00**	11.420	5.789	
224	**13/11/2020 20:00**	11.420	5.785	
225	**13/11/2020 21:00**	11.420	5.785	
226	**13/11/2020 22:00**	11.420	5.776	
227	**13/11/2020 23:00**	11.420	5.780	
228	**14/11/2020 00:00**	11.368	5.784	
229	**14/11/2020 01:00**	11.420	5.796	
230	**14/11/2020 02:00**	11.420	5.791	
231	**14/11/2020 03:00**	11.420	5.791	
232	**14/11/2020 04:00**	11.420	5.789	
233	**14/11/2020 05:00**	11.420	5.789	
234	**14/11/2020 06:00**	11.368	5.789	
235	**14/11/2020 07:00**	11.420	5.774	
236	**14/11/2020 08:00**	11.420	5.786	
237	**14/11/2020 09:00**	11.368	5.787	
238	**14/11/2020 10:00**	11.420	5.794	
239	**14/11/2020 11:00**	11.420	5.792	
240	**14/11/2020 12:00**	11.420	5.787	
241	**14/11/2020 13:00**	11.420	5.798	
242	**14/11/2020 14:00**	11.368	5.786	
243	**14/11/2020 15:00**	11.420	5.778	
244	**14/11/2020 16:00**	11.420	5.776	
245	**14/11/2020 17:00**	11.420	5.760	
246	**14/11/2020 18:00**	11.420	5.764	
247	**14/11/2020 19:00**	11.368	5.761	
248	**14/11/2020 20:00**	11.420	5.761	
249	**14/11/2020 21:00**	11.420	5.763	
250	**14/11/2020 22:00**	11.368	5.770	
251	**14/11/2020 23:00**	11.420	5.775	
252	**15/11/2020 00:00**	11.420	5.771	
253	**15/11/2020 01:00**	11.420	5.774	
254	**15/11/2020 02:00**	11.420	5.767	
255	**15/11/2020 03:00**	11.420	5.774	
256	**15/11/2020 04:00**	11.420	5.780	
257	**15/11/2020 05:00**	11.420	5.770	
258	**15/11/2020 06:00**	11.420	5.774	
259	**15/11/2020 07:00**	11.420	5.763	
260	**15/11/2020 08:00**	11.420	5.743	
261	**15/11/2020 09:00**	11.420	5.745	
262	**15/11/2020 10:00**	11.368	5.754	
263	**15/11/2020 11:00**	11.420	5.744	
264	**15/11/2020 12:00**	11.420	5.753	
265	**15/11/2020 13:00**	11.420	5.749	
266	**15/11/2020 14:00**	11.420	5.751	
267	**15/11/2020 15:00**	11.420	5.744	
268	**15/11/2020 16:00**	11.368	5.740	
269	**15/11/2020 17:00**	11.420	5.739	
270	**15/11/2020 18:00**	11.420	5.729	
271	**15/11/2020 19:00**	11.368	5.735	
272	**15/11/2020 20:00**	11.420	5.740	
273	**15/11/2020 21:00**	11.420	5.738	
274	**15/11/2020 22:00**	11.420	5.728	

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275	**15/11/2020 23:00**	11.368	5.731	
276	**16/11/2020 00:00**	11.420	5.735	
277	**16/11/2020 01:00**	11.420	5.732	
278	**16/11/2020 02:00**	11.420	5.714	
279	**16/11/2020 03:00**	11.420	5.729	
280	**16/11/2020 04:00**	11.420	5.728	
281	**16/11/2020 05:00**	11.420	5.740	
282	**16/11/2020 06:00**	11.420	5.739	
283	**16/11/2020 07:00**	11.420	5.733	
284	**16/11/2020 08:00**	11.420	5.743	
285	**16/11/2020 09:00**	11.420	5.736	
286	**16/11/2020 10:00**	11.420	5.747	
287	**16/11/2020 11:00**	11.420	5.745	
288	**16/11/2020 12:00**	11.420	5.755	
289	**16/11/2020 13:00**	11.420	5.748	
290	**16/11/2020 14:00**	11.420	5.743	
291	**16/11/2020 15:00**	11.420	5.747	
292	**16/11/2020 16:00**	11.420	5.739	
293	**16/11/2020 17:00**	11.420	5.733	
294	**16/11/2020 18:00**	11.420	5.737	
295	**16/11/2020 19:00**	11.420	5.737	
296	**16/11/2020 20:00**	11.420	5.729	
297	**16/11/2020 21:00**	11.420	5.729	
298	**16/11/2020 22:00**	11.420	5.724	
299	**16/11/2020 23:00**	11.420	5.728	
300	**17/11/2020 00:00**	11.420	5.727	
301	**17/11/2020 01:00**	11.420	5.739	
302	**17/11/2020 02:00**	11.420	5.741	
303	**17/11/2020 03:00**	11.420	5.733	
304	**17/11/2020 04:00**	11.420	5.731	
305	**17/11/2020 05:00**	11.420	5.730	
306	**17/11/2020 06:00**	11.420	5.727	
307	**17/11/2020 07:00**	11.420	5.726	
308	**17/11/2020 08:00**	11.420	5.723	
309	**17/11/2020 09:00**	11.420	5.720	
310	**17/11/2020 10:00**	11.420	5.725	
311	**17/11/2020 11:00**	11.420	5.719	
312	**17/11/2020 12:00**	11.420	5.730	
313	**17/11/2020 13:00**	11.420	5.726	
314	**17/11/2020 14:00**	11.420	5.725	
315	**17/11/2020 15:00**	11.420	5.725	
316	**17/11/2020 16:00**	11.420	5.724	
317	**17/11/2020 17:00**	11.420	5.716	
318	**17/11/2020 18:00**	11.420	5.729	
319	**17/11/2020 19:00**	11.420	5.724	
320	**17/11/2020 20:00**	11.420	5.716	
321	**17/11/2020 21:00**	11.420	5.719	
322	**17/11/2020 22:00**	11.420	5.722	
323	**17/11/2020 23:00**	11.420	5.730	
324	**18/11/2020 00:00**	11.420	5.725	
325	**18/11/2020 01:00**	11.420	5.720	
326	**18/11/2020 02:00**	11.420	5.738	
327	**18/11/2020 03:00**	11.420	5.727	
328	**18/11/2020 04:00**	11.420	5.722	
329	**18/11/2020 05:00**	11.420	5.721	

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330	**18/11/2020 06:00**	11.420	5.722	
331	**18/11/2020 07:00**	11.420	5.726	
332	**18/11/2020 08:00**	11.420	5.713	
333	**18/11/2020 09:00**	11.420	5.691	
334	**18/11/2020 10:00**	11.420	5.702	
335	**18/11/2020 11:00**	11.420	5.704	
336	**18/11/2020 12:00**	11.420	5.706	
337	**18/11/2020 13:00**	11.420	5.701	
338	**18/11/2020 14:00**	11.420	5.707	
339	**18/11/2020 15:00**	11.420	5.704	
340	**18/11/2020 16:00**	11.420	5.701	
341	**18/11/2020 17:00**	11.420	5.700	
342	**18/11/2020 18:00**	11.420	5.709	
343	**18/11/2020 19:00**	11.420	5.705	
344	**18/11/2020 20:00**	11.420	5.700	
345	**18/11/2020 21:00**	11.420	5.702	
346	**18/11/2020 22:00**	11.420	5.677	
347	**18/11/2020 23:00**	11.420	5.685	
348	**19/11/2020 00:00**	11.420	5.682	
349	**19/11/2020 01:00**	11.420	5.687	
350	**19/11/2020 02:00**	11.420	5.667	
351	**19/11/2020 03:00**	11.420	5.659	
352	**19/11/2020 04:00**	11.420	5.672	
353	**19/11/2020 05:00**	11.420	5.672	
354	**19/11/2020 06:00**	11.420	5.673	
355	**19/11/2020 07:00**	11.420	5.679	
356	**19/11/2020 08:00**	11.420	5.685	
357	**19/11/2020 09:00**	11.420	5.684	
358	**19/11/2020 10:00**	11.420	5.673	
359	**19/11/2020 11:00**	11.420	5.676	
360	**19/11/2020 12:00**	11.420	5.693	
361	**19/11/2020 13:00**	11.420	5.678	
362	**19/11/2020 14:00**	11.420	5.682	
363	**19/11/2020 15:00**	11.420	5.690	
364	**19/11/2020 16:00**	11.420	5.692	
365	**19/11/2020 17:00**	11.420	5.697	
366	**19/11/2020 18:00**	11.420	5.683	
367	**19/11/2020 19:00**	11.420	5.683	
368	**19/11/2020 20:00**	11.420	5.690	
369	**19/11/2020 21:00**	11.420	5.685	
370	**19/11/2020 22:00**	11.420	5.698	
371	**19/11/2020 23:00**	11.420	5.697	
372	**20/11/2020 00:00**	11.420	5.696	
373	**20/11/2020 01:00**	11.420	5.699	
374	**20/11/2020 02:00**	11.420	5.686	
375	**20/11/2020 03:00**	11.420	5.694	
376	**20/11/2020 04:00**	11.420	5.690	
377	**20/11/2020 05:00**	11.420	5.693	
378	**20/11/2020 06:00**	11.420	5.688	
379	**20/11/2020 07:00**	11.420	5.687	
380	**20/11/2020 08:00**	11.420	5.677	
381	**20/11/2020 09:00**	11.420	5.676	
382	**20/11/2020 10:00**	11.420	5.678	
383	**20/11/2020 11:00**	11.420	5.669	
384	**20/11/2020 12:00**	11.420	5.680	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**20/11/2020 13:00**	11.420	5.685	
386	**20/11/2020 14:00**	11.420	5.679	
387	**20/11/2020 15:00**	11.420	5.674	
388	**20/11/2020 16:00**	11.420	5.674	
389	**20/11/2020 17:00**	11.420	5.669	
390	**20/11/2020 18:00**	11.472	5.669	
391	**20/11/2020 19:00**	11.420	5.675	
392	**20/11/2020 20:00**	11.420	5.676	
393	**20/11/2020 21:00**	11.420	5.677	
394	**20/11/2020 22:00**	11.420	5.673	
395	**20/11/2020 23:00**	11.420	5.679	
396	**21/11/2020 00:00**	11.420	5.684	
397	**21/11/2020 01:00**	11.420	5.668	
398	**21/11/2020 02:00**	11.420	5.672	
399	**21/11/2020 03:00**	11.420	5.670	
400	**21/11/2020 04:00**	11.420	5.673	
401	**21/11/2020 05:00**	11.420	5.666	
402	**21/11/2020 06:00**	11.420	5.665	
403	**21/11/2020 07:00**	11.420	5.670	
404	**21/11/2020 08:00**	11.420	5.664	
405	**21/11/2020 09:00**	11.420	5.659	
406	**21/11/2020 10:00**	11.420	5.651	
407	**21/11/2020 11:00**	11.420	5.653	
408	**21/11/2020 12:00**	11.420	5.660	
409	**21/11/2020 13:00**	11.420	5.663	
410	**21/11/2020 14:00**	11.420	5.664	
411	**21/11/2020 15:00**	11.420	5.649	
412	**21/11/2020 16:00**	11.420	5.651	
413	**21/11/2020 17:00**	11.420	5.654	
414	**21/11/2020 18:00**	11.420	5.652	
415	**21/11/2020 19:00**	11.420	5.646	
416	**21/11/2020 20:00**	11.420	5.654	
417	**21/11/2020 21:00**	11.420	5.655	
418	**21/11/2020 22:00**	11.420	5.652	
419	**21/11/2020 23:00**	11.420	5.651	
420	**22/11/2020 00:00**	11.420	5.648	
421	**22/11/2020 01:00**	11.420	5.652	
422	**22/11/2020 02:00**	11.420	5.653	
423	**22/11/2020 03:00**	11.420	5.647	
424	**22/11/2020 04:00**	11.420	5.648	
425	**22/11/2020 05:00**	11.420	5.654	
426	**22/11/2020 06:00**	11.420	5.641	
427	**22/11/2020 07:00**	11.420	5.645	
428	**22/11/2020 08:00**	11.472	5.640	
429	**22/11/2020 09:00**	11.420	5.640	
430	**22/11/2020 10:00**	11.420	5.639	
431	**22/11/2020 11:00**	11.420	5.640	
432	**22/11/2020 12:00**	11.420	5.637	
433	**22/11/2020 13:00**	11.420	5.642	
434	**22/11/2020 14:00**	11.420	5.640	
435	**22/11/2020 15:00**	11.420	5.643	
436	**22/11/2020 16:00**	11.420	5.643	
437	**22/11/2020 17:00**	11.420	5.639	
438	**22/11/2020 18:00**	11.420	5.632	
439	**22/11/2020 19:00**	11.420	5.634	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**22/11/2020 20:00**	11.420	5.625	
441	**22/11/2020 21:00**	11.420	5.639	
442	**22/11/2020 22:00**	11.420	5.629	
443	**22/11/2020 23:00**	11.420	5.628	
444	**23/11/2020 00:00**	11.420	5.640	
445	**23/11/2020 01:00**	11.420	5.634	
446	**23/11/2020 02:00**	11.420	5.634	
447	**23/11/2020 03:00**	11.420	5.642	
448	**23/11/2020 04:00**	11.420	5.640	
449	**23/11/2020 05:00**	11.420	5.638	
450	**23/11/2020 06:00**	11.472	5.634	
451	**23/11/2020 07:00**	11.420	5.642	
452	**23/11/2020 08:00**	11.420	5.637	
453	**23/11/2020 09:00**	11.472	5.632	
454	**23/11/2020 10:00**	11.420	5.639	
455	**23/11/2020 11:00**	11.420	5.623	
456	**23/11/2020 12:00**	11.472	5.630	
457	**23/11/2020 13:00**	11.420	5.630	
458	**23/11/2020 14:00**	11.420	5.630	
459	**23/11/2020 15:00**	11.420	5.635	
460	**23/11/2020 16:00**	11.420	5.618	
461	**23/11/2020 17:00**	11.420	5.630	
462	**23/11/2020 18:00**	11.420	5.623	
463	**23/11/2020 19:00**	11.420	5.607	
464	**23/11/2020 20:00**	11.420	5.619	
465	**23/11/2020 21:00**	11.420	5.623	
466	**23/11/2020 22:00**	11.472	5.615	
467	**23/11/2020 23:00**	11.472	5.610	
468	**24/11/2020 00:00**	11.420	5.610	
469	**24/11/2020 01:00**	11.420	5.617	
470	**24/11/2020 02:00**	11.420	5.612	
471	**24/11/2020 03:00**	11.420	5.614	
472	**24/11/2020 04:00**	11.420	5.619	
473	**24/11/2020 05:00**	11.420	5.615	
474	**24/11/2020 06:00**	11.420	5.607	
475	**24/11/2020 07:00**	11.420	5.615	
476	**24/11/2020 08:00**	11.420	5.612	
477	**24/11/2020 09:00**	11.472	5.608	
478	**24/11/2020 10:00**	11.420	5.601	
479	**24/11/2020 11:00**	11.420	5.608	
480	**24/11/2020 12:00**	11.420	5.620	
481	**24/11/2020 13:00**	11.472	5.608	
482	**24/11/2020 14:00**	11.420	5.603	
483	**24/11/2020 15:00**	11.420	5.607	
484	**24/11/2020 16:00**	11.420	5.598	
485	**24/11/2020 17:00**	11.472	5.584	
486	**24/11/2020 18:00**	11.420	5.589	
487	**24/11/2020 19:00**	11.420	5.589	
488	**24/11/2020 20:00**	11.420	5.583	
489	**24/11/2020 21:00**	11.420	5.585	
490	**24/11/2020 22:00**	11.420	5.583	
491	**24/11/2020 23:00**	11.420	5.588	
492	**25/11/2020 00:00**	11.420	5.575	
493	**25/11/2020 01:00**	11.420	5.590	
494	**25/11/2020 02:00**	11.472	5.583	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**25/11/2020 03:00**	11.420	5.584	
496	**25/11/2020 04:00**	11.420	5.588	
497	**25/11/2020 05:00**	11.420	5.579	
498	**25/11/2020 06:00**	11.472	5.584	
499	**25/11/2020 07:00**	11.420	5.579	
500	**25/11/2020 08:00**	11.420	5.579	
501	**25/11/2020 09:00**	11.420	5.565	
502	**25/11/2020 10:00**	11.472	5.569	
503	**25/11/2020 11:00**	11.420	5.574	
504	**25/11/2020 12:00**	11.420	5.584	
505	**25/11/2020 13:00**	11.420	5.578	
506	**25/11/2020 14:00**	11.420	5.572	
507	**25/11/2020 15:00**	11.472	5.574	
508	**25/11/2020 16:00**	11.420	5.565	
509	**25/11/2020 17:00**	11.420	5.567	
510	**25/11/2020 18:00**	11.420	5.576	
511	**25/11/2020 19:00**	11.472	5.563	
512	**25/11/2020 20:00**	11.472	5.567	
513	**25/11/2020 21:00**	11.420	5.568	
514	**25/11/2020 22:00**	11.472	5.569	
515	**25/11/2020 23:00**	11.472	5.566	
516	**26/11/2020 00:00**	11.420	5.559	
517	**26/11/2020 01:00**	11.420	5.566	
518	**26/11/2020 02:00**	11.420	5.566	
519	**26/11/2020 03:00**	11.472	5.570	
520	**26/11/2020 04:00**	11.420	5.558	
521	**26/11/2020 05:00**	11.420	5.568	
522	**26/11/2020 06:00**	11.472	5.567	
523	**26/11/2020 07:00**	11.420	5.560	
524	**26/11/2020 08:00**	11.472	5.555	
525	**26/11/2020 09:00**	11.472	5.562	
526	**26/11/2020 10:00**	11.420	5.561	
527	**26/11/2020 11:00**	11.420	5.562	
528	**26/11/2020 12:00**	11.420	5.561	
529	**26/11/2020 13:00**	11.420	5.563	
530	**26/11/2020 14:00**	11.420	5.558	
531	**26/11/2020 15:00**	11.420	5.560	
532	**26/11/2020 16:00**	11.420	5.556	
533	**26/11/2020 17:00**	11.472	5.556	
534	**26/11/2020 18:00**	11.420	5.553	
535	**26/11/2020 19:00**	11.472	5.554	
536	**26/11/2020 20:00**	11.420	5.554	
537	**26/11/2020 21:00**	11.472	5.559	
538	**26/11/2020 22:00**	11.420	5.556	
539	**26/11/2020 23:00**	11.472	5.554	
540	**27/11/2020 00:00**	11.420	5.557	
541	**27/11/2020 01:00**	11.420	5.566	
542	**27/11/2020 02:00**	11.472	5.551	
543	**27/11/2020 03:00**	11.472	5.542	
544	**27/11/2020 04:00**	11.420	5.548	
545	**27/11/2020 05:00**	11.472	5.554	
546	**27/11/2020 06:00**	11.420	5.556	
547	**27/11/2020 07:00**	11.472	5.544	
548	**27/11/2020 08:00**	11.420	5.554	
549	**27/11/2020 09:00**	11.472	5.556	

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550	**27/11/2020 10:00**	11.420	5.555	
551	**27/11/2020 11:00**	11.472	5.541	
552	**27/11/2020 12:00**	11.420	5.546	
553	**27/11/2020 13:00**	11.472	5.555	
554	**27/11/2020 14:00**	11.472	5.543	
555	**27/11/2020 15:00**	11.472	5.544	
556	**27/11/2020 16:00**	11.420	5.544	
557	**27/11/2020 17:00**	11.472	5.547	
558	**27/11/2020 18:00**	11.420	5.540	
559	**27/11/2020 19:00**	11.472	5.547	
560	**27/11/2020 20:00**	11.472	5.540	
561	**27/11/2020 21:00**	11.420	5.544	
562	**27/11/2020 22:00**	11.472	5.544	
563	**27/11/2020 23:00**	11.420	5.533	
564	**28/11/2020 00:00**	11.420	5.538	
565	**28/11/2020 01:00**	11.420	5.539	
566	**28/11/2020 02:00**	11.420	5.536	
567	**28/11/2020 03:00**	11.472	5.537	
568	**28/11/2020 04:00**	11.472	5.543	
569	**28/11/2020 05:00**	11.472	5.532	
570	**28/11/2020 06:00**	11.420	5.529	
571	**28/11/2020 07:00**	11.472	5.535	
572	**28/11/2020 08:00**	11.472	5.527	
573	**28/11/2020 09:00**	11.420	5.528	
574	**28/11/2020 10:00**	11.472	5.521	
575	**28/11/2020 11:00**	11.472	5.532	
576	**28/11/2020 12:00**	11.472	5.530	
577	**28/11/2020 13:00**	11.472	5.526	
578	**28/11/2020 14:00**	11.420	5.534	
579	**28/11/2020 15:00**	11.472	5.525	
580	**28/11/2020 16:00**	11.472	5.524	
581	**28/11/2020 17:00**	11.420	5.525	
582	**28/11/2020 18:00**	11.472	5.526	
583	**28/11/2020 19:00**	11.472	5.518	
584	**28/11/2020 20:00**	11.472	5.521	
585	**28/11/2020 21:00**	11.472	5.525	
586	**28/11/2020 22:00**	11.420	5.523	
587	**28/11/2020 23:00**	11.420	5.512	
588	**29/11/2020 00:00**	11.472	5.522	
589	**29/11/2020 01:00**	11.472	5.518	
590	**29/11/2020 02:00**	11.472	5.527	
591	**29/11/2020 03:00**	11.472	5.525	
592	**29/11/2020 04:00**	11.420	5.524	
593	**29/11/2020 05:00**	11.472	5.519	
594	**29/11/2020 06:00**	11.420	5.524	
595	**29/11/2020 07:00**	11.420	5.522	
596	**29/11/2020 08:00**	11.472	5.516	
597	**29/11/2020 09:00**	11.472	5.513	
598	**29/11/2020 10:00**	11.420	5.516	
599	**29/11/2020 11:00**	11.472	5.523	
600	**29/11/2020 12:00**	11.472	5.521	
601	**29/11/2020 13:00**	11.472	5.523	
602	**29/11/2020 14:00**	11.420	5.525	
603	**29/11/2020 15:00**	11.472	5.513	
604	**29/11/2020 16:00**	11.420	5.510	

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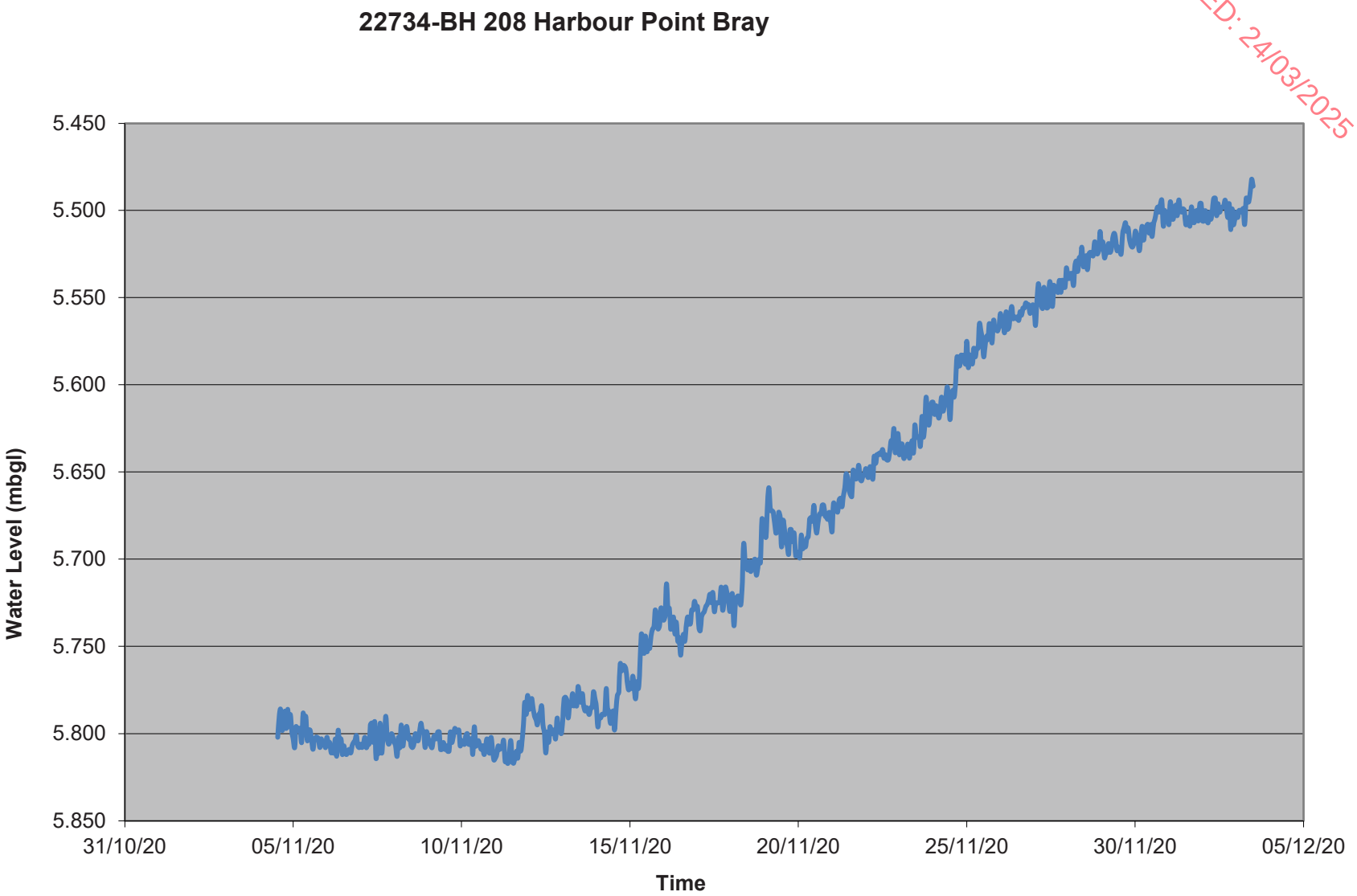
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**29/11/2020 17:00**	11.472	5.507	
606	**29/11/2020 18:00**	11.472	5.512	
607	**29/11/2020 19:00**	11.472	5.510	
608	**29/11/2020 20:00**	11.420	5.517	
609	**29/11/2020 21:00**	11.472	5.520	
610	**29/11/2020 22:00**	11.472	5.521	
611	**29/11/2020 23:00**	11.472	5.519	
612	**30/11/2020 00:00**	11.472	5.512	
613	**30/11/2020 01:00**	11.420	5.514	
614	**30/11/2020 02:00**	11.472	5.518	
615	**30/11/2020 03:00**	11.420	5.523	
616	**30/11/2020 04:00**	11.420	5.515	
617	**30/11/2020 05:00**	11.472	5.509	
618	**30/11/2020 06:00**	11.472	5.517	
619	**30/11/2020 07:00**	11.472	5.511	
620	**30/11/2020 08:00**	11.472	5.509	
621	**30/11/2020 09:00**	11.420	5.508	
622	**30/11/2020 10:00**	11.472	5.513	
623	**30/11/2020 11:00**	11.472	5.508	
624	**30/11/2020 12:00**	11.472	5.515	
625	**30/11/2020 13:00**	11.472	5.508	
626	**30/11/2020 14:00**	11.472	5.505	
627	**30/11/2020 15:00**	11.472	5.501	
628	**30/11/2020 16:00**	11.472	5.498	
629	**30/11/2020 17:00**	11.420	5.501	
630	**30/11/2020 18:00**	11.472	5.496	
631	**30/11/2020 19:00**	11.472	5.494	
632	**30/11/2020 20:00**	11.472	5.509	
633	**30/11/2020 21:00**	11.472	5.500	
634	**30/11/2020 22:00**	11.472	5.504	
635	**30/11/2020 23:00**	11.472	5.502	
636	**01/12/2020 00:00**	11.472	5.508	
637	**01/12/2020 01:00**	11.420	5.495	
638	**01/12/2020 02:00**	11.472	5.502	
639	**01/12/2020 03:00**	11.420	5.505	
640	**01/12/2020 04:00**	11.472	5.500	
641	**01/12/2020 05:00**	11.472	5.497	
642	**01/12/2020 06:00**	11.472	5.503	
643	**01/12/2020 07:00**	11.472	5.494	
644	**01/12/2020 08:00**	11.420	5.499	
645	**01/12/2020 09:00**	11.472	5.501	
646	**01/12/2020 10:00**	11.472	5.499	
647	**01/12/2020 11:00**	11.472	5.500	
648	**01/12/2020 12:00**	11.420	5.508	
649	**01/12/2020 13:00**	11.472	5.506	
650	**01/12/2020 14:00**	11.420	5.504	
651	**01/12/2020 15:00**	11.472	5.509	
652	**01/12/2020 16:00**	11.420	5.498	
653	**01/12/2020 17:00**	11.472	5.504	
654	**01/12/2020 18:00**	11.472	5.507	
655	**01/12/2020 19:00**	11.420	5.501	
656	**01/12/2020 20:00**	11.472	5.500	
657	**01/12/2020 21:00**	11.472	5.506	
658	**01/12/2020 22:00**	11.472	5.496	
659	**01/12/2020 23:00**	11.420	5.496	

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Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 208**
Serial No.	**580661**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**02/12/2020 00:00**	11.420	5.506	
661	**02/12/2020 01:00**	11.472	5.506	
662	**02/12/2020 02:00**	11.472	5.500	
663	**02/12/2020 03:00**	11.472	5.505	
664	**02/12/2020 04:00**	11.472	5.507	
665	**02/12/2020 05:00**	11.472	5.501	
666	**02/12/2020 06:00**	11.472	5.505	
667	**02/12/2020 07:00**	11.420	5.499	
668	**02/12/2020 08:00**	11.420	5.493	
669	**02/12/2020 09:00**	11.472	5.493	
670	**02/12/2020 10:00**	11.472	5.503	
671	**02/12/2020 11:00**	11.472	5.496	
672	**02/12/2020 12:00**	11.420	5.501	
673	**02/12/2020 13:00**	11.472	5.499	
674	**02/12/2020 14:00**	11.472	5.498	
675	**02/12/2020 15:00**	11.472	5.498	
676	**02/12/2020 16:00**	11.472	5.494	
677	**02/12/2020 17:00**	11.472	5.499	
678	**02/12/2020 18:00**	11.472	5.504	
679	**02/12/2020 19:00**	11.472	5.496	
680	**02/12/2020 20:00**	11.472	5.511	
681	**02/12/2020 21:00**	11.472	5.499	
682	**02/12/2020 22:00**	11.472	5.508	
683	**02/12/2020 23:00**	11.420	5.505	
684	**03/12/2020 00:00**	11.472	5.501	
685	**03/12/2020 01:00**	11.472	5.504	
686	**03/12/2020 02:00**	11.420	5.500	
687	**03/12/2020 03:00**	11.420	5.500	
688	**03/12/2020 04:00**	11.472	5.501	
689	**03/12/2020 05:00**	11.472	5.499	
690	**03/12/2020 06:00**	11.472	5.508	
691	**03/12/2020 07:00**	11.472	5.493	
692	**03/12/2020 08:00**	11.472	5.495	
693	**03/12/2020 09:00**	11.472	5.495	
694	**03/12/2020 10:00**	11.472	5.489	
695	**03/12/2020 11:00**	11.420	5.482	
696	**03/12/2020 12:00**	11.472	5.486	

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Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 208**
Serial No.	**580661**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**03/12/2020 15:00**	11.472	5.488	
2	**03/12/2020 16:00**	11.472	5.488	
3	**03/12/2020 17:00**	11.472	5.492	
4	**03/12/2020 18:00**	11.472	5.505	
5	**03/12/2020 19:00**	11.472	5.498	
6	**03/12/2020 20:00**	11.472	5.485	
7	**03/12/2020 21:00**	11.472	5.493	
8	**03/12/2020 22:00**	11.472	5.492	
9	**03/12/2020 23:00**	11.472	5.499	
10	**04/12/2020 00:00**	11.472	5.494	
11	**04/12/2020 01:00**	11.472	5.504	
12	**04/12/2020 02:00**	11.472	5.496	
13	**04/12/2020 03:00**	11.472	5.495	
14	**04/12/2020 04:00**	11.472	5.493	
15	**04/12/2020 05:00**	11.472	5.489	
16	**04/12/2020 06:00**	11.472	5.481	
17	**04/12/2020 07:00**	11.472	5.490	
18	**04/12/2020 08:00**	11.472	5.495	
19	**04/12/2020 09:00**	11.472	5.491	
20	**04/12/2020 10:00**	11.472	5.494	
21	**04/12/2020 11:00**	11.472	5.493	
22	**04/12/2020 12:00**	11.472	5.489	
23	**04/12/2020 13:00**	11.472	5.493	
24	**04/12/2020 14:00**	11.472	5.491	
25	**04/12/2020 15:00**	11.472	5.487	
26	**04/12/2020 16:00**	11.472	5.493	
27	**04/12/2020 17:00**	11.472	5.485	
28	**04/12/2020 18:00**	11.472	5.493	
29	**04/12/2020 19:00**	11.472	5.485	
30	**04/12/2020 20:00**	11.472	5.486	
31	**04/12/2020 21:00**	11.420	5.491	
32	**04/12/2020 22:00**	11.472	5.493	
33	**04/12/2020 23:00**	11.472	5.496	
34	**05/12/2020 00:00**	11.472	5.497	
35	**05/12/2020 01:00**	11.472	5.487	
36	**05/12/2020 02:00**	11.472	5.492	
37	**05/12/2020 03:00**	11.472	5.494	
38	**05/12/2020 04:00**	11.472	5.499	
39	**05/12/2020 05:00**	11.472	5.497	
40	**05/12/2020 06:00**	11.472	5.494	
41	**05/12/2020 07:00**	11.472	5.497	
42	**05/12/2020 08:00**	11.472	5.491	
43	**05/12/2020 09:00**	11.472	5.491	
44	**05/12/2020 10:00**	11.472	5.493	
45	**05/12/2020 11:00**	11.472	5.492	
46	**05/12/2020 12:00**	11.420	5.499	
47	**05/12/2020 13:00**	11.472	5.489	
48	**05/12/2020 14:00**	11.472	5.505	
49	**05/12/2020 15:00**	11.472	5.494	
50	**05/12/2020 16:00**	11.472	5.485	
51	**05/12/2020 17:00**	11.472	5.511	
52	**05/12/2020 18:00**	11.472	5.491	
53	**05/12/2020 19:00**	11.472	5.509	
54	**05/12/2020 20:00**	11.472	5.481	

Project.	**Harbour Point Bray**
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Engineer.	**Atkins**
Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**05/12/2020 21:00**	11.472	5.498	
56	**05/12/2020 22:00**	11.472	5.495	
57	**05/12/2020 23:00**	11.472	5.502	
58	**06/12/2020 00:00**	11.472	5.499	
59	**06/12/2020 01:00**	11.472	5.503	
60	**06/12/2020 02:00**	11.420	5.504	
61	**06/12/2020 03:00**	11.472	5.500	
62	**06/12/2020 04:00**	11.472	5.499	
63	**06/12/2020 05:00**	11.472	5.502	
64	**06/12/2020 06:00**	11.472	5.499	
65	**06/12/2020 07:00**	11.472	5.507	
66	**06/12/2020 08:00**	11.472	5.500	
67	**06/12/2020 09:00**	11.472	5.499	
68	**06/12/2020 10:00**	11.472	5.500	
69	**06/12/2020 11:00**	11.472	5.502	
70	**06/12/2020 12:00**	11.472	5.505	
71	**06/12/2020 13:00**	11.472	5.500	
72	**06/12/2020 14:00**	11.472	5.501	
73	**06/12/2020 15:00**	11.472	5.501	
74	**06/12/2020 16:00**	11.472	5.515	
75	**06/12/2020 17:00**	11.472	5.503	
76	**06/12/2020 18:00**	11.472	5.507	
77	**06/12/2020 19:00**	11.472	5.508	
78	**06/12/2020 20:00**	11.472	5.503	
79	**06/12/2020 21:00**	11.472	5.508	
80	**06/12/2020 22:00**	11.472	5.503	
81	**06/12/2020 23:00**	11.472	5.509	
82	**07/12/2020 00:00**	11.472	5.506	
83	**07/12/2020 01:00**	11.472	5.509	
84	**07/12/2020 02:00**	11.472	5.508	
85	**07/12/2020 03:00**	11.472	5.515	
86	**07/12/2020 04:00**	11.472	5.508	
87	**07/12/2020 05:00**	11.472	5.509	
88	**07/12/2020 06:00**	11.472	5.506	
89	**07/12/2020 07:00**	11.472	5.506	
90	**07/12/2020 08:00**	11.420	5.507	
91	**07/12/2020 09:00**	11.472	5.502	
92	**07/12/2020 10:00**	11.472	5.507	
93	**07/12/2020 11:00**	11.472	5.509	
94	**07/12/2020 12:00**	11.472	5.502	
95	**07/12/2020 13:00**	11.524	5.501	
96	**07/12/2020 14:00**	11.472	5.507	
97	**07/12/2020 15:00**	11.472	5.517	
98	**07/12/2020 16:00**	11.472	5.515	
99	**07/12/2020 17:00**	11.472	5.512	
100	**07/12/2020 18:00**	11.472	5.505	
101	**07/12/2020 19:00**	11.472	5.509	
102	**07/12/2020 20:00**	11.472	5.503	
103	**07/12/2020 21:00**	11.472	5.505	
104	**07/12/2020 22:00**	11.472	5.499	
105	**07/12/2020 23:00**	11.472	5.508	
106	**08/12/2020 00:00**	11.472	5.508	
107	**08/12/2020 01:00**	11.472	5.515	
108	**08/12/2020 02:00**	11.420	5.514	
109	**08/12/2020 03:00**	11.472	5.516	

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Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 208**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**08/12/2020 04:00**	11.472	5.514	
111	**08/12/2020 05:00**	11.472	5.510	
112	**08/12/2020 06:00**	11.472	5.516	
113	**08/12/2020 07:00**	11.472	5.513	
114	**08/12/2020 08:00**	11.472	5.513	
115	**08/12/2020 09:00**	11.472	5.518	
116	**08/12/2020 10:00**	11.472	5.517	
117	**08/12/2020 11:00**	11.472	5.520	
118	**08/12/2020 12:00**	11.472	5.516	
119	**08/12/2020 13:00**	11.472	5.516	
120	**08/12/2020 14:00**	11.472	5.513	
121	**08/12/2020 15:00**	11.472	5.519	
122	**08/12/2020 16:00**	11.472	5.520	
123	**08/12/2020 17:00**	11.472	5.523	
124	**08/12/2020 18:00**	11.472	5.516	
125	**08/12/2020 19:00**	11.472	5.512	
126	**08/12/2020 20:00**	11.472	5.523	
127	**08/12/2020 21:00**	11.472	5.516	
128	**08/12/2020 22:00**	11.472	5.514	
129	**08/12/2020 23:00**	11.472	5.517	
130	**09/12/2020 00:00**	11.472	5.519	
131	**09/12/2020 01:00**	11.472	5.514	
132	**09/12/2020 02:00**	11.472	5.512	
133	**09/12/2020 03:00**	11.472	5.519	
134	**09/12/2020 04:00**	11.472	5.520	
135	**09/12/2020 05:00**	11.472	5.520	
136	**09/12/2020 06:00**	11.472	5.525	
137	**09/12/2020 07:00**	11.524	5.516	
138	**09/12/2020 08:00**	11.472	5.525	
139	**09/12/2020 09:00**	11.472	5.514	
140	**09/12/2020 10:00**	11.524	5.517	
141	**09/12/2020 11:00**	11.472	5.519	
142	**09/12/2020 12:00**	11.472	5.516	
143	**09/12/2020 13:00**	11.472	5.522	
144	**09/12/2020 14:00**	11.472	5.525	
145	**09/12/2020 15:00**	11.472	5.523	
146	**09/12/2020 16:00**	11.472	5.527	
147	**09/12/2020 17:00**	11.472	5.518	
148	**09/12/2020 18:00**	11.472	5.517	
149	**09/12/2020 19:00**	11.472	5.523	
150	**09/12/2020 20:00**	11.472	5.518	
151	**09/12/2020 21:00**	11.472	5.521	
152	**09/12/2020 22:00**	11.472	5.521	
153	**09/12/2020 23:00**	11.472	5.526	
154	**10/12/2020 00:00**	11.524	5.527	
155	**10/12/2020 01:00**	11.472	5.523	
156	**10/12/2020 02:00**	11.472	5.516	
157	**10/12/2020 03:00**	11.472	5.527	
158	**10/12/2020 04:00**	11.472	5.518	
159	**10/12/2020 05:00**	11.472	5.526	
160	**10/12/2020 06:00**	11.472	5.534	
161	**10/12/2020 07:00**	11.472	5.520	
162	**10/12/2020 08:00**	11.472	5.519	
163	**10/12/2020 09:00**	11.472	5.530	
164	**10/12/2020 10:00**	11.472	5.517	

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Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 208**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**10/12/2020 11:00**	11.524	5.524	
166	**10/12/2020 12:00**	11.472	5.519	
167	**10/12/2020 13:00**	11.472	5.525	
168	**10/12/2020 14:00**	11.472	5.519	
169	**10/12/2020 15:00**	11.472	5.541	
170	**10/12/2020 16:00**	11.472	5.527	
171	**10/12/2020 17:00**	11.472	5.518	
172	**10/12/2020 18:00**	11.472	5.535	
173	**10/12/2020 19:00**	11.472	5.522	
174	**10/12/2020 20:00**	11.472	5.510	
175	**10/12/2020 21:00**	11.472	5.518	
176	**10/12/2020 22:00**	11.472	5.521	
177	**10/12/2020 23:00**	11.472	5.523	
178	**11/12/2020 00:00**	11.472	5.523	
179	**11/12/2020 01:00**	11.472	5.526	
180	**11/12/2020 02:00**	11.472	5.517	
181	**11/12/2020 03:00**	11.472	5.525	
182	**11/12/2020 04:00**	11.472	5.525	
183	**11/12/2020 05:00**	11.472	5.521	
184	**11/12/2020 06:00**	11.472	5.517	
185	**11/12/2020 07:00**	11.472	5.527	
186	**11/12/2020 08:00**	11.524	5.518	
187	**11/12/2020 09:00**	11.472	5.522	
188	**11/12/2020 10:00**	11.472	5.532	
189	**11/12/2020 11:00**	11.472	5.518	
190	**11/12/2020 12:00**	11.472	5.538	
191	**11/12/2020 13:00**	11.472	5.520	
192	**11/12/2020 14:00**	11.472	5.517	
193	**11/12/2020 15:00**	11.472	5.523	
194	**11/12/2020 16:00**	11.472	5.512	
195	**11/12/2020 17:00**	11.472	5.526	
196	**11/12/2020 18:00**	11.472	5.529	
197	**11/12/2020 19:00**	11.472	5.531	
198	**11/12/2020 20:00**	11.524	5.520	
199	**11/12/2020 21:00**	11.472	5.518	
200	**11/12/2020 22:00**	11.472	5.520	
201	**11/12/2020 23:00**	11.472	5.527	
202	**12/12/2020 00:00**	11.524	5.521	
203	**12/12/2020 01:00**	11.472	5.526	
204	**12/12/2020 02:00**	11.472	5.516	
205	**12/12/2020 03:00**	11.472	5.525	
206	**12/12/2020 04:00**	11.472	5.518	
207	**12/12/2020 05:00**	11.472	5.522	
208	**12/12/2020 06:00**	11.472	5.525	
209	**12/12/2020 07:00**	11.472	5.532	
210	**12/12/2020 08:00**	11.472	5.528	
211	**12/12/2020 09:00**	11.524	5.527	
212	**12/12/2020 10:00**	11.524	5.522	
213	**12/12/2020 11:00**	11.472	5.529	
214	**12/12/2020 12:00**	11.472	5.527	
215	**12/12/2020 13:00**	11.472	5.531	
216	**12/12/2020 14:00**	11.472	5.529	
217	**12/12/2020 15:00**	11.524	5.527	
218	**12/12/2020 16:00**	11.524	5.536	
219	**12/12/2020 17:00**	11.472	5.533	

Project.	**Harbour Point Bray**
Project No.	**22734**
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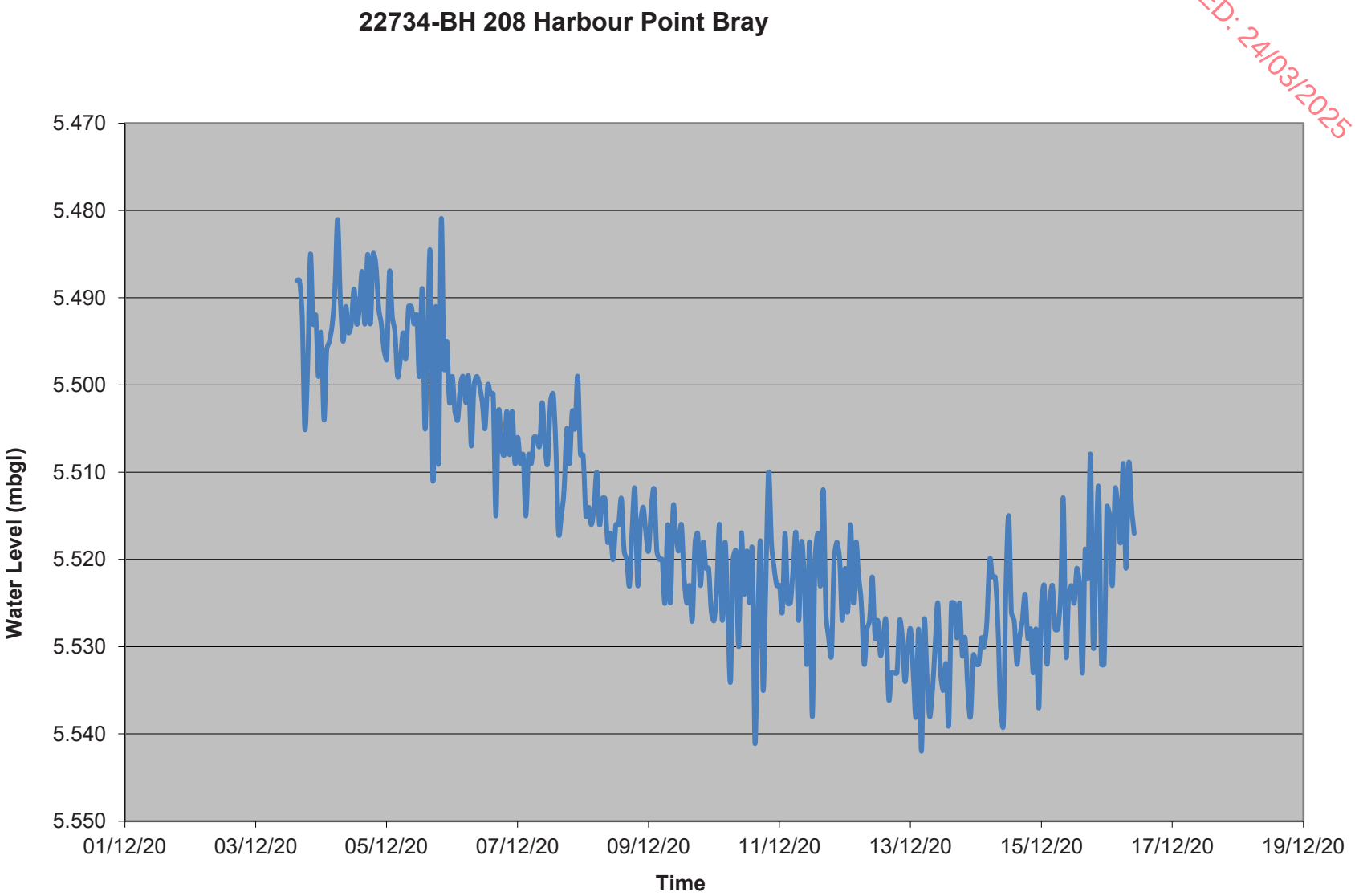
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**12/12/2020 18:00**	11.472	5.533	
221	**12/12/2020 19:00**	11.472	5.533	
222	**12/12/2020 20:00**	11.524	5.527	
223	**12/12/2020 21:00**	11.472	5.529	
224	**12/12/2020 22:00**	11.472	5.534	
225	**12/12/2020 23:00**	11.524	5.530	
226	**13/12/2020 00:00**	11.472	5.528	
227	**13/12/2020 01:00**	11.472	5.533	
228	**13/12/2020 02:00**	11.472	5.538	
229	**13/12/2020 03:00**	11.472	5.528	
230	**13/12/2020 04:00**	11.472	5.542	
231	**13/12/2020 05:00**	11.472	5.527	
232	**13/12/2020 06:00**	11.524	5.533	
233	**13/12/2020 07:00**	11.472	5.538	
234	**13/12/2020 08:00**	11.472	5.535	
235	**13/12/2020 09:00**	11.524	5.530	
236	**13/12/2020 10:00**	11.472	5.525	
237	**13/12/2020 11:00**	11.472	5.533	
238	**13/12/2020 12:00**	11.472	5.535	
239	**13/12/2020 13:00**	11.472	5.532	
240	**13/12/2020 14:00**	11.472	5.539	
241	**13/12/2020 15:00**	11.472	5.525	
242	**13/12/2020 16:00**	11.472	5.525	
243	**13/12/2020 17:00**	11.472	5.529	
244	**13/12/2020 18:00**	11.524	5.525	
245	**13/12/2020 19:00**	11.524	5.531	
246	**13/12/2020 20:00**	11.472	5.529	
247	**13/12/2020 21:00**	11.472	5.535	
248	**13/12/2020 22:00**	11.524	5.538	
249	**13/12/2020 23:00**	11.472	5.531	
250	**14/12/2020 00:00**	11.524	5.532	
251	**14/12/2020 01:00**	11.472	5.532	
252	**14/12/2020 02:00**	11.472	5.529	
253	**14/12/2020 03:00**	11.472	5.530	
254	**14/12/2020 04:00**	11.472	5.527	
255	**14/12/2020 05:00**	11.472	5.520	
256	**14/12/2020 06:00**	11.472	5.522	
257	**14/12/2020 07:00**	11.524	5.522	
258	**14/12/2020 08:00**	11.472	5.527	
259	**14/12/2020 09:00**	11.472	5.537	
260	**14/12/2020 10:00**	11.472	5.539	
261	**14/12/2020 11:00**	11.472	5.523	
262	**14/12/2020 12:00**	11.472	5.515	
263	**14/12/2020 13:00**	11.472	5.526	
264	**14/12/2020 14:00**	11.472	5.527	
265	**14/12/2020 15:00**	11.524	5.532	
266	**14/12/2020 16:00**	11.524	5.529	
267	**14/12/2020 17:00**	11.524	5.527	
268	**14/12/2020 18:00**	11.472	5.524	
269	**14/12/2020 19:00**	11.472	5.529	
270	**14/12/2020 20:00**	11.472	5.528	
271	**14/12/2020 21:00**	11.472	5.533	
272	**14/12/2020 22:00**	11.524	5.528	
273	**14/12/2020 23:00**	11.472	5.537	
274	**15/12/2020 00:00**	11.524	5.525	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 208**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/12/2020 01:00**	11.472	5.523	
276	**15/12/2020 02:00**	11.472	5.532	
277	**15/12/2020 03:00**	11.524	5.525	
278	**15/12/2020 04:00**	11.472	5.523	
279	**15/12/2020 05:00**	11.472	5.528	
280	**15/12/2020 06:00**	11.524	5.528	
281	**15/12/2020 07:00**	11.472	5.524	
282	**15/12/2020 08:00**	11.524	5.513	
283	**15/12/2020 09:00**	11.472	5.531	
284	**15/12/2020 10:00**	11.472	5.524	
285	**15/12/2020 11:00**	11.472	5.523	
286	**15/12/2020 12:00**	11.472	5.525	
287	**15/12/2020 13:00**	11.472	5.521	
288	**15/12/2020 14:00**	11.472	5.523	
289	**15/12/2020 15:00**	11.524	5.533	
290	**15/12/2020 16:00**	11.524	5.519	
291	**15/12/2020 17:00**	11.524	5.522	
292	**15/12/2020 18:00**	11.524	5.508	
293	**15/12/2020 19:00**	11.524	5.530	
294	**15/12/2020 20:00**	11.524	5.519	
295	**15/12/2020 21:00**	11.524	5.512	
296	**15/12/2020 22:00**	11.472	5.532	
297	**15/12/2020 23:00**	11.472	5.532	
298	**16/12/2020 00:00**	11.524	5.514	
299	**16/12/2020 01:00**	11.524	5.515	
300	**16/12/2020 02:00**	11.524	5.523	
301	**16/12/2020 03:00**	11.524	5.512	
302	**16/12/2020 04:00**	11.524	5.514	
303	**16/12/2020 05:00**	11.472	5.518	
304	**16/12/2020 06:00**	11.472	5.509	
305	**16/12/2020 07:00**	11.472	5.521	
306	**16/12/2020 08:00**	11.524	5.509	
307	**16/12/2020 09:00**	11.524	5.514	
308	**16/12/2020 10:00**	11.524	5.517	

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Engineer.	**Atkins**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**06/10/2020 14:00**	11.865	6.651	
2	**06/10/2020 15:00**	11.865	6.499	
3	**06/10/2020 16:00**	11.865	6.454	
4	**06/10/2020 17:00**	11.865	6.529	
5	**06/10/2020 18:00**	11.813	6.719	
6	**06/10/2020 19:00**	11.865	6.949	
7	**06/10/2020 20:00**	11.865	7.134	
8	**06/10/2020 21:00**	11.865	7.250	
9	**06/10/2020 22:00**	11.865	7.278	
10	**06/10/2020 23:00**	11.813	7.223	
11	**07/10/2020 00:00**	11.813	7.111	
12	**07/10/2020 01:00**	11.865	6.931	
13	**07/10/2020 02:00**	11.865	6.765	
14	**07/10/2020 03:00**	11.813	6.628	
15	**07/10/2020 04:00**	11.813	6.549	
16	**07/10/2020 05:00**	11.865	6.586	
17	**07/10/2020 06:00**	11.813	6.726	
18	**07/10/2020 07:00**	11.865	6.938	
19	**07/10/2020 08:00**	11.813	7.133	
20	**07/10/2020 09:00**	11.865	7.258	
21	**07/10/2020 10:00**	11.865	7.300	
22	**07/10/2020 11:00**	11.865	7.249	
23	**07/10/2020 12:00**	11.865	7.141	
24	**07/10/2020 13:00**	11.813	7.012	
25	**07/10/2020 14:00**	11.813	6.854	
26	**07/10/2020 15:00**	11.813	6.698	
27	**07/10/2020 16:00**	11.813	6.599	
28	**07/10/2020 17:00**	11.813	6.589	
29	**07/10/2020 18:00**	11.865	6.684	
30	**07/10/2020 19:00**	11.865	6.874	
31	**07/10/2020 20:00**	11.865	7.074	
32	**07/10/2020 21:00**	11.813	7.209	
33	**07/10/2020 22:00**	11.865	7.265	
34	**07/10/2020 23:00**	11.865	7.245	
35	**08/10/2020 00:00**	11.865	7.140	
36	**08/10/2020 01:00**	11.813	6.986	
37	**08/10/2020 02:00**	11.865	6.812	
38	**08/10/2020 03:00**	11.865	6.645	
39	**08/10/2020 04:00**	11.813	6.504	
40	**08/10/2020 05:00**	11.865	6.458	
41	**08/10/2020 06:00**	11.865	6.524	
42	**08/10/2020 07:00**	11.865	6.670	
43	**08/10/2020 08:00**	11.865	6.870	
44	**08/10/2020 09:00**	11.865	7.038	
45	**08/10/2020 10:00**	11.865	7.145	
46	**08/10/2020 11:00**	11.865	7.154	
47	**08/10/2020 12:00**	11.865	7.109	
48	**08/10/2020 13:00**	11.865	7.007	
49	**08/10/2020 14:00**	11.813	6.897	
50	**08/10/2020 15:00**	11.813	6.756	
51	**08/10/2020 16:00**	11.865	6.649	
52	**08/10/2020 17:00**	11.813	6.578	
53	**08/10/2020 18:00**	11.865	6.601	
54	**08/10/2020 19:00**	11.865	6.693	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**08/10/2020 20:00**	11.865	6.877	
56	**08/10/2020 21:00**	11.813	7.031	
57	**08/10/2020 22:00**	11.813	7.165	
58	**08/10/2020 23:00**	11.813	7.225	
59	**09/10/2020 00:00**	11.865	7.200	
60	**09/10/2020 01:00**	11.865	7.100	
61	**09/10/2020 02:00**	11.813	6.974	
62	**09/10/2020 03:00**	11.865	6.831	
63	**09/10/2020 04:00**	11.865	6.706	
64	**09/10/2020 05:00**	11.865	6.593	
65	**09/10/2020 06:00**	11.865	6.571	
66	**09/10/2020 07:00**	11.813	6.642	
67	**09/10/2020 08:00**	11.865	6.784	
68	**09/10/2020 09:00**	11.813	6.941	
69	**09/10/2020 10:00**	11.865	7.078	
70	**09/10/2020 11:00**	11.865	7.133	
71	**09/10/2020 12:00**	11.865	7.121	
72	**09/10/2020 13:00**	11.813	7.058	
73	**09/10/2020 14:00**	11.865	6.975	
74	**09/10/2020 15:00**	11.813	6.846	
75	**09/10/2020 16:00**	11.865	6.732	
76	**09/10/2020 17:00**	11.813	6.637	
77	**09/10/2020 18:00**	11.813	6.574	
78	**09/10/2020 19:00**	11.865	6.614	
79	**09/10/2020 20:00**	11.865	6.728	
80	**09/10/2020 21:00**	11.813	6.898	
81	**09/10/2020 22:00**	11.865	7.051	
82	**09/10/2020 23:00**	11.865	7.165	
83	**10/10/2020 00:00**	11.813	7.236	
84	**10/10/2020 01:00**	11.813	7.219	
85	**10/10/2020 02:00**	11.865	7.163	
86	**10/10/2020 03:00**	11.865	7.074	
87	**10/10/2020 04:00**	11.813	6.964	
88	**10/10/2020 05:00**	11.865	6.842	
89	**10/10/2020 06:00**	11.865	6.749	
90	**10/10/2020 07:00**	11.813	6.743	
91	**10/10/2020 08:00**	11.865	6.783	
92	**10/10/2020 09:00**	11.865	6.891	
93	**10/10/2020 10:00**	11.865	7.009	
94	**10/10/2020 11:00**	11.813	7.101	
95	**10/10/2020 12:00**	11.865	7.161	
96	**10/10/2020 13:00**	11.865	7.158	
97	**10/10/2020 14:00**	11.865	7.124	
98	**10/10/2020 15:00**	11.813	7.039	
99	**10/10/2020 16:00**	11.813	6.957	
100	**10/10/2020 17:00**	11.813	6.850	
101	**10/10/2020 18:00**	11.865	6.752	
102	**10/10/2020 19:00**	11.813	6.699	
103	**10/10/2020 20:00**	11.813	6.725	
104	**10/10/2020 21:00**	11.813	6.814	
105	**10/10/2020 22:00**	11.813	6.946	
106	**10/10/2020 23:00**	11.865	7.095	
107	**11/10/2020 00:00**	11.813	7.216	
108	**11/10/2020 01:00**	11.813	7.279	
109	**11/10/2020 02:00**	11.865	7.293	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**11/10/2020 03:00**	11.865	7.261	
111	**11/10/2020 04:00**	11.865	7.181	
112	**11/10/2020 05:00**	11.865	7.083	
113	**11/10/2020 06:00**	11.865	6.966	
114	**11/10/2020 07:00**	11.813	6.870	
115	**11/10/2020 08:00**	11.813	6.831	
116	**11/10/2020 09:00**	11.865	6.846	
117	**11/10/2020 10:00**	11.865	6.938	
118	**11/10/2020 11:00**	11.813	7.042	
119	**11/10/2020 12:00**	11.813	7.144	
120	**11/10/2020 13:00**	11.813	7.219	
121	**11/10/2020 14:00**	11.865	7.245	
122	**11/10/2020 15:00**	11.813	7.229	
123	**11/10/2020 16:00**	11.865	7.173	
124	**11/10/2020 17:00**	11.865	7.088	
125	**11/10/2020 18:00**	11.813	6.988	
126	**11/10/2020 19:00**	11.813	6.852	
127	**11/10/2020 20:00**	11.865	6.770	
128	**11/10/2020 21:00**	11.865	6.755	
129	**11/10/2020 22:00**	11.865	6.806	
130	**11/10/2020 23:00**	11.865	6.917	
131	**12/10/2020 00:00**	11.813	7.084	
132	**12/10/2020 01:00**	11.865	7.203	
133	**12/10/2020 02:00**	11.813	7.274	
134	**12/10/2020 03:00**	11.813	7.313	
135	**12/10/2020 04:00**	11.813	7.283	
136	**12/10/2020 05:00**	11.865	7.220	
137	**12/10/2020 06:00**	11.865	7.100	
138	**12/10/2020 07:00**	11.813	6.959	
139	**12/10/2020 08:00**	11.813	6.828	
140	**12/10/2020 09:00**	11.865	6.744	
141	**12/10/2020 10:00**	11.813	6.706	
142	**12/10/2020 11:00**	11.813	6.763	
143	**12/10/2020 12:00**	11.865	6.864	
144	**12/10/2020 13:00**	11.813	6.993	
145	**12/10/2020 14:00**	11.813	7.117	
146	**12/10/2020 15:00**	11.865	7.153	
147	**12/10/2020 16:00**	11.865	7.182	
148	**12/10/2020 17:00**	11.865	7.149	
149	**12/10/2020 18:00**	11.865	7.051	
150	**12/10/2020 19:00**	11.813	6.956	
151	**12/10/2020 20:00**	11.813	6.835	
152	**12/10/2020 21:00**	11.865	6.744	
153	**12/10/2020 22:00**	11.865	6.691	
154	**12/10/2020 23:00**	11.865	6.748	
155	**13/10/2020 00:00**	11.865	6.893	
156	**13/10/2020 01:00**	11.865	7.068	
157	**13/10/2020 02:00**	11.865	7.236	
158	**13/10/2020 03:00**	11.865	7.339	
159	**13/10/2020 04:00**	11.813	7.388	
160	**13/10/2020 05:00**	11.865	7.367	
161	**13/10/2020 06:00**	11.865	7.268	
162	**13/10/2020 07:00**	11.865	7.138	
163	**13/10/2020 08:00**	11.865	6.976	
164	**13/10/2020 09:00**	11.865	6.819	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**13/10/2020 10:00**	11.865	6.707	
166	**13/10/2020 11:00**	11.865	6.701	
167	**13/10/2020 12:00**	11.865	6.772	
168	**13/10/2020 13:00**	11.865	6.930	
169	**13/10/2020 14:00**	11.865	7.116	
170	**13/10/2020 15:00**	11.865	7.240	
171	**13/10/2020 16:00**	11.813	7.334	
172	**13/10/2020 17:00**	11.865	7.338	
173	**13/10/2020 18:00**	11.865	7.275	
174	**13/10/2020 19:00**	11.813	7.137	
175	**13/10/2020 20:00**	11.865	6.982	
176	**13/10/2020 21:00**	11.865	6.824	
177	**13/10/2020 22:00**	11.865	6.698	
178	**13/10/2020 23:00**	11.865	6.656	
179	**14/10/2020 00:00**	11.865	6.724	
180	**14/10/2020 01:00**	11.865	6.888	
181	**14/10/2020 02:00**	11.813	7.096	
182	**14/10/2020 03:00**	11.865	7.288	
183	**14/10/2020 04:00**	11.813	7.407	
184	**14/10/2020 05:00**	11.865	7.457	
185	**14/10/2020 06:00**	11.865	7.423	
186	**14/10/2020 07:00**	11.865	7.311	
187	**14/10/2020 08:00**	11.813	7.152	
188	**14/10/2020 09:00**	11.865	6.977	
189	**14/10/2020 10:00**	11.865	6.800	
190	**14/10/2020 11:00**	11.813	6.690	
191	**14/10/2020 12:00**	11.813	6.692	
192	**14/10/2020 13:00**	11.865	6.909	
193	**14/10/2020 14:00**	11.813	7.300	
194	**14/10/2020 15:00**	11.865	7.571	
195	**14/10/2020 16:00**	11.865	7.770	
196	**14/10/2020 17:00**	11.813	7.834	
197	**14/10/2020 18:00**	11.813	7.783	
198	**14/10/2020 19:00**	11.813	7.651	
199	**14/10/2020 20:00**	11.813	7.464	
200	**14/10/2020 21:00**	11.865	7.274	
201	**14/10/2020 22:00**	11.865	7.062	
202	**14/10/2020 23:00**	11.865	6.941	
203	**15/10/2020 00:00**	11.813	6.933	
204	**15/10/2020 01:00**	11.813	7.043	
205	**15/10/2020 02:00**	11.865	7.280	
206	**15/10/2020 03:00**	11.813	7.521	
207	**15/10/2020 04:00**	11.813	7.684	
208	**15/10/2020 05:00**	11.865	7.763	
209	**15/10/2020 06:00**	11.865	7.763	
210	**15/10/2020 07:00**	11.865	7.637	
211	**15/10/2020 08:00**	11.865	7.438	
212	**15/10/2020 09:00**	11.813	7.182	
213	**15/10/2020 10:00**	11.865	6.935	
214	**15/10/2020 11:00**	11.865	6.728	
215	**15/10/2020 12:00**	11.865	6.637	
216	**15/10/2020 13:00**	11.865	6.673	
217	**15/10/2020 14:00**	11.865	6.871	
218	**15/10/2020 15:00**	11.865	7.122	
219	**15/10/2020 16:00**	11.813	7.342	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**15/10/2020 17:00**	11.865	7.464	
221	**15/10/2020 18:00**	11.865	7.510	
222	**15/10/2020 19:00**	11.865	7.437	
223	**15/10/2020 20:00**	11.865	7.255	
224	**15/10/2020 21:00**	11.865	7.012	
225	**15/10/2020 22:00**	11.813	6.778	
226	**15/10/2020 23:00**	11.813	6.567	
227	**16/10/2020 00:00**	11.865	6.456	
228	**16/10/2020 01:00**	11.865	6.485	
229	**16/10/2020 02:00**	11.865	6.680	
230	**16/10/2020 03:00**	11.813	7.012	
231	**16/10/2020 04:00**	11.865	7.291	
232	**16/10/2020 05:00**	11.865	7.455	
233	**16/10/2020 06:00**	11.865	7.551	
234	**16/10/2020 07:00**	11.865	7.541	
235	**16/10/2020 08:00**	11.813	7.393	
236	**16/10/2020 09:00**	11.813	7.148	
237	**16/10/2020 10:00**	11.865	6.903	
238	**16/10/2020 11:00**	11.865	6.655	
239	**16/10/2020 12:00**	11.865	6.487	
240	**16/10/2020 13:00**	11.865	6.428	
241	**16/10/2020 14:00**	11.813	6.569	
242	**16/10/2020 15:00**	11.813	6.847	
243	**16/10/2020 16:00**	11.865	7.149	
244	**16/10/2020 17:00**	11.813	7.363	
245	**16/10/2020 18:00**	11.813	7.471	
246	**16/10/2020 19:00**	11.813	7.472	
247	**16/10/2020 20:00**	11.813	7.337	
248	**16/10/2020 21:00**	11.865	7.080	
249	**16/10/2020 22:00**	11.813	6.808	
250	**16/10/2020 23:00**	11.813	6.550	
251	**17/10/2020 00:00**	11.813	6.368	
252	**17/10/2020 01:00**	11.865	6.275	
253	**17/10/2020 02:00**	11.813	6.379	
254	**17/10/2020 03:00**	11.865	6.649	
255	**17/10/2020 04:00**	11.865	7.012	
256	**17/10/2020 05:00**	11.865	7.284	
257	**17/10/2020 06:00**	11.813	7.448	
258	**17/10/2020 07:00**	11.813	7.504	
259	**17/10/2020 08:00**	11.865	7.456	
260	**17/10/2020 09:00**	11.813	7.254	
261	**17/10/2020 10:00**	11.865	6.979	
262	**17/10/2020 11:00**	11.865	6.721	
263	**17/10/2020 12:00**	11.865	6.484	
264	**17/10/2020 13:00**	11.865	6.334	
265	**17/10/2020 14:00**	11.813	6.352	
266	**17/10/2020 15:00**	11.865	6.549	
267	**17/10/2020 16:00**	11.865	6.875	
268	**17/10/2020 17:00**	11.813	7.186	
269	**17/10/2020 18:00**	11.813	7.370	
270	**17/10/2020 19:00**	11.813	7.446	
271	**17/10/2020 20:00**	11.865	7.407	
272	**17/10/2020 21:00**	11.813	7.228	
273	**17/10/2020 22:00**	11.813	6.953	
274	**17/10/2020 23:00**	11.865	6.665	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**18/10/2020 00:00**	11.813	6.448	
276	**18/10/2020 01:00**	11.813	6.249	
277	**18/10/2020 02:00**	11.865	6.220	
278	**18/10/2020 03:00**	11.813	6.353	
279	**18/10/2020 04:00**	11.813	6.699	
280	**18/10/2020 05:00**	11.865	7.056	
281	**18/10/2020 06:00**	11.865	7.309	
282	**18/10/2020 07:00**	11.865	7.459	
283	**18/10/2020 08:00**	11.865	7.505	
284	**18/10/2020 09:00**	11.865	7.378	
285	**18/10/2020 10:00**	11.865	7.146	
286	**18/10/2020 11:00**	11.813	6.863	
287	**18/10/2020 12:00**	11.813	6.614	
288	**18/10/2020 13:00**	11.865	6.395	
289	**18/10/2020 14:00**	11.865	6.294	
290	**18/10/2020 15:00**	11.865	6.350	
291	**18/10/2020 16:00**	11.865	6.600	
292	**18/10/2020 17:00**	11.865	6.952	
293	**18/10/2020 18:00**	11.865	7.227	
294	**18/10/2020 19:00**	11.865	7.388	
295	**18/10/2020 20:00**	11.865	7.444	
296	**18/10/2020 21:00**	11.813	7.372	
297	**18/10/2020 22:00**	11.813	7.136	
298	**18/10/2020 23:00**	11.813	6.838	
299	**19/10/2020 00:00**	11.865	6.574	
300	**19/10/2020 01:00**	11.865	6.325	
301	**19/10/2020 02:00**	11.813	6.160	
302	**19/10/2020 03:00**	11.813	6.171	
303	**19/10/2020 04:00**	11.813	6.363	
304	**19/10/2020 05:00**	11.865	6.706	
305	**19/10/2020 06:00**	11.865	7.051	
306	**19/10/2020 07:00**	11.865	7.276	
307	**19/10/2020 08:00**	11.865	7.405	
308	**19/10/2020 09:00**	11.865	7.388	
309	**19/10/2020 10:00**	11.865	7.235	
310	**19/10/2020 11:00**	11.813	6.982	
311	**19/10/2020 12:00**	11.865	6.715	
312	**19/10/2020 13:00**	11.865	6.453	
313	**19/10/2020 14:00**	11.865	6.266	
314	**19/10/2020 15:00**	11.813	6.209	
315	**19/10/2020 16:00**	11.865	6.292	
316	**19/10/2020 17:00**	11.813	6.593	
317	**19/10/2020 18:00**	11.865	6.928	
318	**19/10/2020 19:00**	11.865	7.192	
319	**19/10/2020 20:00**	11.813	7.316	
320	**19/10/2020 21:00**	11.865	7.329	
321	**19/10/2020 22:00**	11.865	7.200	
322	**19/10/2020 23:00**	11.865	6.956	
323	**20/10/2020 00:00**	11.865	6.666	
324	**20/10/2020 01:00**	11.813	6.402	
325	**20/10/2020 02:00**	11.865	6.162	
326	**20/10/2020 03:00**	11.865	6.030	
327	**20/10/2020 04:00**	11.865	6.057	
328	**20/10/2020 05:00**	11.865	6.258	
329	**20/10/2020 06:00**	11.865	6.604	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**20/10/2020 07:00**	11.865	6.930	
331	**20/10/2020 08:00**	11.813	7.141	
332	**20/10/2020 09:00**	11.865	7.222	
333	**20/10/2020 10:00**	11.865	7.161	
334	**20/10/2020 11:00**	11.813	6.978	
335	**20/10/2020 12:00**	11.865	6.732	
336	**20/10/2020 13:00**	11.865	6.474	
337	**20/10/2020 14:00**	11.865	6.241	
338	**20/10/2020 15:00**	11.865	6.077	
339	**20/10/2020 16:00**	11.865	6.027	
340	**20/10/2020 17:00**	11.865	6.174	
341	**20/10/2020 18:00**	11.813	6.463	
342	**20/10/2020 19:00**	11.813	6.788	
343	**20/10/2020 20:00**	11.865	7.036	
344	**20/10/2020 21:00**	11.865	7.172	
345	**20/10/2020 22:00**	11.865	7.197	
346	**20/10/2020 23:00**	11.865	7.074	
347	**21/10/2020 00:00**	11.865	6.903	
348	**21/10/2020 01:00**	11.865	6.686	
349	**21/10/2020 02:00**	11.865	6.457	
350	**21/10/2020 03:00**	11.813	6.258	
351	**21/10/2020 04:00**	11.865	6.172	
352	**21/10/2020 05:00**	11.865	6.204	
353	**21/10/2020 06:00**	11.865	6.415	
354	**21/10/2020 07:00**	11.813	6.709	
355	**21/10/2020 08:00**	11.865	6.980	
356	**21/10/2020 09:00**	11.865	7.146	
357	**21/10/2020 10:00**	11.865	7.225	
358	**21/10/2020 11:00**	11.865	7.149	
359	**21/10/2020 12:00**	11.865	6.999	
360	**21/10/2020 13:00**	11.865	6.806	
361	**21/10/2020 14:00**	11.813	6.575	
362	**21/10/2020 15:00**	11.813	6.371	
363	**21/10/2020 16:00**	11.865	6.228	
364	**21/10/2020 17:00**	11.865	6.213	
365	**21/10/2020 18:00**	11.865	6.356	
366	**21/10/2020 19:00**	11.865	6.618	
367	**21/10/2020 20:00**	11.865	6.905	
368	**21/10/2020 21:00**	11.865	7.123	
369	**21/10/2020 22:00**	11.865	7.222	
370	**21/10/2020 23:00**	11.865	7.236	
371	**22/10/2020 00:00**	11.865	7.166	
372	**22/10/2020 01:00**	11.865	7.005	
373	**22/10/2020 02:00**	11.865	6.833	
374	**22/10/2020 03:00**	11.813	6.636	
375	**22/10/2020 04:00**	11.865	6.469	
376	**22/10/2020 05:00**	11.813	6.376	
377	**22/10/2020 06:00**	11.865	6.399	
378	**22/10/2020 07:00**	11.865	6.585	
379	**22/10/2020 08:00**	11.813	6.818	
380	**22/10/2020 09:00**	11.865	7.042	
381	**22/10/2020 10:00**	11.865	7.174	
382	**22/10/2020 11:00**	11.813	7.229	
383	**22/10/2020 12:00**	11.865	7.168	
384	**22/10/2020 13:00**	11.865	7.038	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**22/10/2020 14:00**	11.865	6.867	
386	**22/10/2020 15:00**	11.865	6.685	
387	**22/10/2020 16:00**	11.865	6.496	
388	**22/10/2020 17:00**	11.865	6.387	
389	**22/10/2020 18:00**	11.865	6.368	
390	**22/10/2020 19:00**	11.813	6.497	
391	**22/10/2020 20:00**	11.865	6.727	
392	**22/10/2020 21:00**	11.865	6.967	
393	**22/10/2020 22:00**	11.865	7.140	
394	**22/10/2020 23:00**	11.865	7.256	
395	**23/10/2020 00:00**	11.865	7.277	
396	**23/10/2020 01:00**	11.865	7.202	
397	**23/10/2020 02:00**	11.865	7.077	
398	**23/10/2020 03:00**	11.865	6.921	
399	**23/10/2020 04:00**	11.865	6.722	
400	**23/10/2020 05:00**	11.865	6.568	
401	**23/10/2020 06:00**	11.865	6.447	
402	**23/10/2020 07:00**	11.865	6.429	
403	**23/10/2020 08:00**	11.813	6.552	
404	**23/10/2020 09:00**	11.813	6.720	
405	**23/10/2020 10:00**	11.865	6.904	
406	**23/10/2020 11:00**	11.865	7.032	
407	**23/10/2020 12:00**	11.813	7.081	
408	**23/10/2020 13:00**	11.865	7.061	
409	**23/10/2020 14:00**	11.865	6.952	
410	**23/10/2020 15:00**	11.865	6.836	
411	**23/10/2020 16:00**	11.813	6.678	
412	**23/10/2020 17:00**	11.813	6.544	
413	**23/10/2020 18:00**	11.865	6.426	
414	**23/10/2020 19:00**	11.865	6.414	
415	**23/10/2020 20:00**	11.865	6.492	
416	**23/10/2020 21:00**	11.865	6.675	
417	**23/10/2020 22:00**	11.865	6.889	
418	**23/10/2020 23:00**	11.865	7.081	
419	**24/10/2020 00:00**	11.865	7.187	
420	**24/10/2020 01:00**	11.813	7.214	
421	**24/10/2020 02:00**	11.865	7.181	
422	**24/10/2020 03:00**	11.865	7.098	
423	**24/10/2020 04:00**	11.813	6.971	
424	**24/10/2020 05:00**	11.865	6.818	
425	**24/10/2020 06:00**	11.865	6.650	
426	**24/10/2020 07:00**	11.865	6.502	
427	**24/10/2020 08:00**	11.813	6.442	
428	**24/10/2020 09:00**	11.865	6.475	
429	**24/10/2020 10:00**	11.865	6.566	
430	**24/10/2020 11:00**	11.865	6.689	
431	**24/10/2020 12:00**	11.865	6.783	
432	**24/10/2020 13:00**	11.865	6.854	
433	**24/10/2020 14:00**	11.865	6.860	
434	**24/10/2020 15:00**	11.865	6.793	
435	**24/10/2020 16:00**	11.865	6.689	
436	**24/10/2020 17:00**	11.865	6.557	
437	**24/10/2020 18:00**	11.865	6.424	
438	**24/10/2020 19:00**	11.813	6.332	
439	**24/10/2020 20:00**	11.865	6.312	

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440	**24/10/2020 21:00**	11.865	6.361	
441	**24/10/2020 22:00**	11.865	6.516	
442	**24/10/2020 23:00**	11.813	6.714	
443	**25/10/2020 00:00**	11.865	6.876	
444	**25/10/2020 01:00**	11.865	7.028	
445	**25/10/2020 02:00**	11.865	7.081	
446	**25/10/2020 02:00**	11.865	7.098	
447	**25/10/2020 03:00**	11.865	7.042	
448	**25/10/2020 04:00**	11.813	6.922	
449	**25/10/2020 05:00**	11.813	6.777	
450	**25/10/2020 06:00**	11.865	6.607	
451	**25/10/2020 07:00**	11.813	6.487	
452	**25/10/2020 08:00**	11.865	6.414	
453	**25/10/2020 09:00**	11.865	6.447	
454	**25/10/2020 10:00**	11.813	6.553	
455	**25/10/2020 11:00**	11.865	6.696	
456	**25/10/2020 12:00**	11.865	6.828	
457	**25/10/2020 13:00**	11.813	6.932	
458	**25/10/2020 14:00**	11.865	6.938	
459	**25/10/2020 15:00**	11.813	6.921	
460	**25/10/2020 16:00**	11.865	6.825	
461	**25/10/2020 17:00**	11.865	6.697	
462	**25/10/2020 18:00**	11.813	6.551	
463	**25/10/2020 19:00**	11.865	6.405	
464	**25/10/2020 20:00**	11.865	6.349	
465	**25/10/2020 21:00**	11.865	6.337	
466	**25/10/2020 22:00**	11.865	6.460	
467	**25/10/2020 23:00**	11.865	6.630	
468	**26/10/2020 00:00**	11.865	6.824	
469	**26/10/2020 01:00**	11.865	6.983	
470	**26/10/2020 02:00**	11.865	7.085	
471	**26/10/2020 03:00**	11.865	7.122	
472	**26/10/2020 04:00**	11.865	7.099	
473	**26/10/2020 05:00**	11.813	7.005	
474	**26/10/2020 06:00**	11.865	6.882	
475	**26/10/2020 07:00**	11.813	6.735	
476	**26/10/2020 08:00**	11.865	6.567	
477	**26/10/2020 09:00**	11.865	6.479	
478	**26/10/2020 10:00**	11.865	6.505	
479	**26/10/2020 11:00**	11.865	6.608	
480	**26/10/2020 12:00**	11.865	6.761	
481	**26/10/2020 13:00**	11.865	6.932	
482	**26/10/2020 14:00**	11.813	7.044	
483	**26/10/2020 15:00**	11.865	7.083	
484	**26/10/2020 16:00**	11.813	7.046	
485	**26/10/2020 17:00**	11.865	6.960	
486	**26/10/2020 18:00**	11.813	6.828	
487	**26/10/2020 19:00**	11.865	6.683	
488	**26/10/2020 20:00**	11.865	6.561	
489	**26/10/2020 21:00**	11.865	6.472	
490	**26/10/2020 22:00**	11.865	6.489	
491	**26/10/2020 23:00**	11.865	6.611	
492	**27/10/2020 00:00**	11.865	6.789	
493	**27/10/2020 01:00**	11.865	6.999	
494	**27/10/2020 02:00**	11.813	7.163	

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495	**27/10/2020 03:00**	11.865	7.254	
496	**27/10/2020 04:00**	11.865	7.266	
497	**27/10/2020 05:00**	11.865	7.218	
498	**27/10/2020 06:00**	11.865	7.079	
499	**27/10/2020 07:00**	11.813	6.910	
500	**27/10/2020 08:00**	11.813	6.713	
501	**27/10/2020 09:00**	11.813	6.531	
502	**27/10/2020 10:00**	11.865	6.433	
503	**27/10/2020 11:00**	11.865	6.455	
504	**27/10/2020 12:00**	11.865	6.579	
505	**27/10/2020 13:00**	11.813	6.762	
506	**27/10/2020 14:00**	11.865	6.917	
507	**27/10/2020 15:00**	11.813	7.030	
508	**27/10/2020 16:00**	11.813	7.058	
509	**27/10/2020 17:00**	11.865	6.977	
510	**27/10/2020 18:00**	11.813	6.855	
511	**27/10/2020 19:00**	11.865	6.665	
512	**27/10/2020 20:00**	11.813	6.483	
513	**27/10/2020 21:00**	11.813	6.336	
514	**27/10/2020 22:00**	11.865	6.269	
515	**27/10/2020 23:00**	11.865	6.287	
516	**28/10/2020 00:00**	11.865	6.449	
517	**28/10/2020 01:00**	11.865	6.679	
518	**28/10/2020 02:00**	11.865	6.909	
519	**28/10/2020 03:00**	11.813	7.059	
520	**28/10/2020 04:00**	11.813	7.154	
521	**28/10/2020 05:00**	11.865	7.136	
522	**28/10/2020 06:00**	11.865	7.063	
523	**28/10/2020 07:00**	11.865	6.900	
524	**28/10/2020 08:00**	11.865	6.728	
525	**28/10/2020 09:00**	11.865	6.553	
526	**28/10/2020 10:00**	11.865	6.406	
527	**28/10/2020 11:00**	11.865	6.348	
528	**28/10/2020 12:00**	11.865	6.439	
529	**28/10/2020 13:00**	11.865	6.617	
530	**28/10/2020 14:00**	11.865	6.826	
531	**28/10/2020 15:00**	11.865	6.999	
532	**28/10/2020 16:00**	11.865	7.089	
533	**28/10/2020 17:00**	11.865	7.086	
534	**28/10/2020 18:00**	11.865	6.976	
535	**28/10/2020 19:00**	11.813	6.831	
536	**28/10/2020 20:00**	11.865	6.632	
537	**28/10/2020 21:00**	11.865	6.466	
538	**28/10/2020 22:00**	11.865	6.311	
539	**28/10/2020 23:00**	11.865	6.276	
540	**29/10/2020 00:00**	11.865	6.362	
541	**29/10/2020 01:00**	11.813	6.586	
542	**29/10/2020 02:00**	11.865	6.820	
543	**29/10/2020 03:00**	11.865	7.048	
544	**29/10/2020 04:00**	11.865	7.201	
545	**29/10/2020 05:00**	11.865	7.237	
546	**29/10/2020 06:00**	11.865	7.192	
547	**29/10/2020 07:00**	11.865	7.068	
548	**29/10/2020 08:00**	11.865	6.882	
549	**29/10/2020 09:00**	11.865	6.702	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**29/10/2020 10:00**	11.865	6.502	
551	**29/10/2020 11:00**	11.865	6.398	
552	**29/10/2020 12:00**	11.865	6.396	
553	**29/10/2020 13:00**	11.865	6.536	
554	**29/10/2020 14:00**	11.865	6.755	
555	**29/10/2020 15:00**	11.865	6.955	
556	**29/10/2020 16:00**	11.865	7.087	
557	**29/10/2020 17:00**	11.865	7.148	
558	**29/10/2020 18:00**	11.865	7.076	
559	**29/10/2020 19:00**	11.813	6.917	
560	**29/10/2020 20:00**	11.865	6.721	
561	**29/10/2020 21:00**	11.865	6.509	
562	**29/10/2020 22:00**	11.865	6.313	
563	**29/10/2020 23:00**	11.865	6.209	
564	**30/10/2020 00:00**	11.813	6.196	
565	**30/10/2020 01:00**	11.865	6.343	
566	**30/10/2020 02:00**	11.865	6.583	
567	**30/10/2020 03:00**	11.865	6.857	
568	**30/10/2020 04:00**	11.865	7.039	
569	**30/10/2020 05:00**	11.865	7.152	
570	**30/10/2020 06:00**	11.865	7.130	
571	**30/10/2020 07:00**	11.865	7.047	
572	**30/10/2020 08:00**	11.865	6.892	
573	**30/10/2020 09:00**	11.865	6.710	
574	**30/10/2020 10:00**	11.813	6.511	
575	**30/10/2020 11:00**	11.865	6.371	
576	**30/10/2020 12:00**	11.865	6.334	
577	**30/10/2020 13:00**	11.865	6.422	
578	**30/10/2020 14:00**	11.865	6.656	
579	**30/10/2020 15:00**	11.813	6.917	
580	**30/10/2020 16:00**	11.865	7.128	
581	**30/10/2020 17:00**	11.865	7.255	
582	**30/10/2020 18:00**	11.865	7.259	
583	**30/10/2020 19:00**	11.813	7.156	
584	**30/10/2020 20:00**	11.865	6.970	
585	**30/10/2020 21:00**	11.865	6.760	
586	**30/10/2020 22:00**	11.813	6.586	
587	**30/10/2020 23:00**	11.865	6.404	
588	**31/10/2020 00:00**	11.865	6.323	
589	**31/10/2020 01:00**	11.865	6.365	
590	**31/10/2020 02:00**	11.813	6.530	
591	**31/10/2020 03:00**	11.813	6.809	
592	**31/10/2020 04:00**	11.865	7.040	
593	**31/10/2020 05:00**	11.865	7.174	
594	**31/10/2020 06:00**	11.865	7.214	
595	**31/10/2020 07:00**	11.813	7.135	
596	**31/10/2020 08:00**	11.865	6.955	
597	**31/10/2020 09:00**	11.865	6.719	
598	**31/10/2020 10:00**	11.865	6.483	
599	**31/10/2020 11:00**	11.813	6.291	
600	**31/10/2020 12:00**	11.813	6.209	
601	**31/10/2020 13:00**	11.813	6.230	
602	**31/10/2020 14:00**	11.865	6.386	
603	**31/10/2020 15:00**	11.813	6.619	
604	**31/10/2020 16:00**	11.813	6.849	

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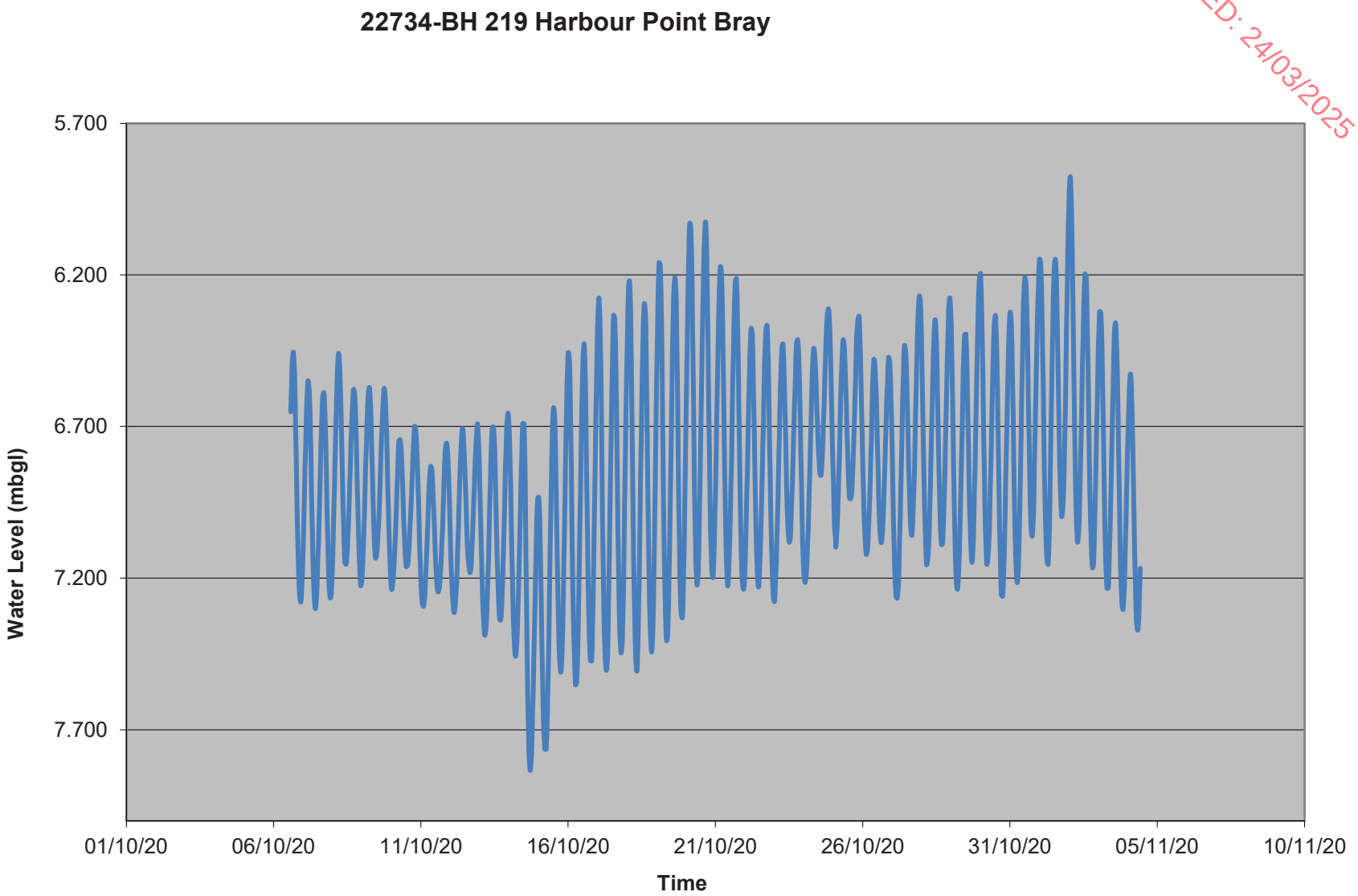
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**31/10/2020 17:00**	11.865	7.032	
606	**31/10/2020 18:00**	11.865	7.061	
607	**31/10/2020 19:00**	11.865	6.990	
608	**31/10/2020 20:00**	11.865	6.795	
609	**31/10/2020 21:00**	11.865	6.600	
610	**31/10/2020 22:00**	11.813	6.393	
611	**31/10/2020 23:00**	11.813	6.245	
612	**01/11/2020 00:00**	11.813	6.148	
613	**01/11/2020 01:00**	11.865	6.165	
614	**01/11/2020 02:00**	11.813	6.325	
615	**01/11/2020 03:00**	11.813	6.575	
616	**01/11/2020 04:00**	11.865	6.848	
617	**01/11/2020 05:00**	11.865	7.023	
618	**01/11/2020 06:00**	11.865	7.136	
619	**01/11/2020 07:00**	11.865	7.153	
620	**01/11/2020 08:00**	11.813	7.036	
621	**01/11/2020 09:00**	11.865	6.804	
622	**01/11/2020 10:00**	11.813	6.556	
623	**01/11/2020 11:00**	11.813	6.323	
624	**01/11/2020 12:00**	11.865	6.174	
625	**01/11/2020 13:00**	11.865	6.149	
626	**01/11/2020 14:00**	11.865	6.253	
627	**01/11/2020 15:00**	11.813	6.492	
628	**01/11/2020 16:00**	11.813	6.736	
629	**01/11/2020 17:00**	11.865	6.896	
630	**01/11/2020 18:00**	11.813	6.996	
631	**01/11/2020 19:00**	11.865	6.967	
632	**01/11/2020 20:00**	11.865	6.850	
633	**01/11/2020 21:00**	11.813	6.642	
634	**01/11/2020 22:00**	11.865	6.382	
635	**01/11/2020 23:00**	11.813	6.139	
636	**02/11/2020 00:00**	11.813	5.957	
637	**02/11/2020 01:00**	11.865	5.876	
638	**02/11/2020 02:00**	11.813	5.967	
639	**02/11/2020 03:00**	11.865	6.213	
640	**02/11/2020 04:00**	11.865	6.527	
641	**02/11/2020 05:00**	11.865	6.823	
642	**02/11/2020 06:00**	11.813	7.002	
643	**02/11/2020 07:00**	11.865	7.081	
644	**02/11/2020 08:00**	11.865	7.042	
645	**02/11/2020 09:00**	11.865	6.895	
646	**02/11/2020 10:00**	11.865	6.707	
647	**02/11/2020 11:00**	11.865	6.501	
648	**02/11/2020 12:00**	11.813	6.318	
649	**02/11/2020 13:00**	11.865	6.197	
650	**02/11/2020 14:00**	11.865	6.208	
651	**02/11/2020 15:00**	11.813	6.378	
652	**02/11/2020 16:00**	11.865	6.626	
653	**02/11/2020 17:00**	11.865	6.910	
654	**02/11/2020 18:00**	11.865	7.064	
655	**02/11/2020 19:00**	11.865	7.166	
656	**02/11/2020 20:00**	11.865	7.155	
657	**02/11/2020 21:00**	11.813	7.006	
658	**02/11/2020 22:00**	11.865	6.817	
659	**02/11/2020 23:00**	11.865	6.625	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**03/11/2020 00:00**	11.865	6.435	
661	**03/11/2020 01:00**	11.813	6.321	
662	**03/11/2020 02:00**	11.865	6.327	
663	**03/11/2020 03:00**	11.865	6.470	
664	**03/11/2020 04:00**	11.865	6.720	
665	**03/11/2020 05:00**	11.865	6.960	
666	**03/11/2020 06:00**	11.865	7.150	
667	**03/11/2020 07:00**	11.865	7.233	
668	**03/11/2020 08:00**	11.865	7.231	
669	**03/11/2020 09:00**	11.865	7.113	
670	**03/11/2020 10:00**	11.865	6.949	
671	**03/11/2020 11:00**	11.865	6.746	
672	**03/11/2020 12:00**	11.865	6.558	
673	**03/11/2020 13:00**	11.865	6.396	
674	**03/11/2020 14:00**	11.865	6.358	
675	**03/11/2020 15:00**	11.865	6.458	
676	**03/11/2020 16:00**	11.865	6.665	
677	**03/11/2020 17:00**	11.865	6.929	
678	**03/11/2020 18:00**	11.865	7.154	
679	**03/11/2020 19:00**	11.813	7.272	
680	**03/11/2020 20:00**	11.865	7.303	
681	**03/11/2020 21:00**	11.813	7.232	
682	**03/11/2020 22:00**	11.865	7.090	
683	**03/11/2020 23:00**	11.865	6.905	
684	**04/11/2020 00:00**	11.865	6.738	
685	**04/11/2020 01:00**	11.865	6.601	
686	**04/11/2020 02:00**	11.865	6.526	
687	**04/11/2020 03:00**	11.865	6.583	
688	**04/11/2020 04:00**	11.813	6.772	
689	**04/11/2020 05:00**	11.865	6.998	
690	**04/11/2020 06:00**	11.865	7.211	
691	**04/11/2020 07:00**	11.865	7.336	
692	**04/11/2020 08:00**	11.865	7.372	
693	**04/11/2020 09:00**	11.865	7.313	
694	**04/11/2020 10:00**	11.865	7.167	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**04/11/2020 13:00**	11.992	6.853	
2	**04/11/2020 14:00**	11.865	6.622	
3	**04/11/2020 15:00**	11.865	6.502	
4	**04/11/2020 16:00**	11.813	6.516	
5	**04/11/2020 17:00**	11.865	6.650	
6	**04/11/2020 18:00**	11.813	6.877	
7	**04/11/2020 19:00**	11.865	7.099	
8	**04/11/2020 20:00**	11.865	7.279	
9	**04/11/2020 21:00**	11.865	7.372	
10	**04/11/2020 22:00**	11.865	7.367	
11	**04/11/2020 23:00**	11.865	7.273	
12	**05/11/2020 00:00**	11.865	7.127	
13	**05/11/2020 01:00**	11.865	6.952	
14	**05/11/2020 02:00**	11.865	6.796	
15	**05/11/2020 03:00**	11.865	6.646	
16	**05/11/2020 04:00**	11.865	6.623	
17	**05/11/2020 05:00**	11.865	6.695	
18	**05/11/2020 06:00**	11.865	6.871	
19	**05/11/2020 07:00**	11.865	7.071	
20	**05/11/2020 08:00**	11.865	7.244	
21	**05/11/2020 09:00**	11.865	7.326	
22	**05/11/2020 10:00**	11.813	7.327	
23	**05/11/2020 11:00**	11.813	7.220	
24	**05/11/2020 12:00**	11.865	7.064	
25	**05/11/2020 13:00**	11.865	6.892	
26	**05/11/2020 14:00**	11.865	6.741	
27	**05/11/2020 15:00**	11.865	6.592	
28	**05/11/2020 16:00**	11.865	6.538	
29	**05/11/2020 17:00**	11.865	6.592	
30	**05/11/2020 18:00**	11.813	6.768	
31	**05/11/2020 19:00**	11.813	6.994	
32	**05/11/2020 20:00**	11.865	7.180	
33	**05/11/2020 21:00**	11.865	7.316	
34	**05/11/2020 22:00**	11.865	7.355	
35	**05/11/2020 23:00**	11.865	7.327	
36	**06/11/2020 00:00**	11.813	7.193	
37	**06/11/2020 01:00**	11.813	7.025	
38	**06/11/2020 02:00**	11.865	6.857	
39	**06/11/2020 03:00**	11.865	6.697	
40	**06/11/2020 04:00**	11.813	6.593	
41	**06/11/2020 05:00**	11.865	6.591	
42	**06/11/2020 06:00**	11.865	6.681	
43	**06/11/2020 07:00**	11.813	6.870	
44	**06/11/2020 08:00**	11.865	7.057	
45	**06/11/2020 09:00**	11.865	7.195	
46	**06/11/2020 10:00**	11.865	7.253	
47	**06/11/2020 11:00**	11.865	7.251	
48	**06/11/2020 12:00**	11.865	7.150	
49	**06/11/2020 13:00**	11.865	7.016	
50	**06/11/2020 14:00**	11.865	6.855	
51	**06/11/2020 15:00**	11.865	6.699	
52	**06/11/2020 16:00**	11.865	6.564	
53	**06/11/2020 17:00**	11.865	6.537	
54	**06/11/2020 18:00**	11.865	6.600	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**06/11/2020 19:00**	11.865	6.760	
56	**06/11/2020 20:00**	11.865	6.958	
57	**06/11/2020 21:00**	11.813	7.124	
58	**06/11/2020 22:00**	11.865	7.230	
59	**06/11/2020 23:00**	11.865	7.255	
60	**07/11/2020 00:00**	11.865	7.188	
61	**07/11/2020 01:00**	11.865	7.077	
62	**07/11/2020 02:00**	11.865	6.937	
63	**07/11/2020 03:00**	11.865	6.785	
64	**07/11/2020 04:00**	11.865	6.655	
65	**07/11/2020 05:00**	11.865	6.574	
66	**07/11/2020 06:00**	11.865	6.592	
67	**07/11/2020 07:00**	11.813	6.688	
68	**07/11/2020 08:00**	11.865	6.871	
69	**07/11/2020 09:00**	11.865	7.048	
70	**07/11/2020 10:00**	11.865	7.141	
71	**07/11/2020 11:00**	11.865	7.206	
72	**07/11/2020 12:00**	11.865	7.158	
73	**07/11/2020 13:00**	11.865	7.070	
74	**07/11/2020 14:00**	11.865	6.919	
75	**07/11/2020 15:00**	11.865	6.780	
76	**07/11/2020 16:00**	11.865	6.633	
77	**07/11/2020 17:00**	11.865	6.516	
78	**07/11/2020 18:00**	11.813	6.486	
79	**07/11/2020 19:00**	11.865	6.560	
80	**07/11/2020 20:00**	11.865	6.727	
81	**07/11/2020 21:00**	11.865	6.909	
82	**07/11/2020 22:00**	11.865	7.069	
83	**07/11/2020 23:00**	11.865	7.178	
84	**08/11/2020 00:00**	11.865	7.222	
85	**08/11/2020 01:00**	11.865	7.195	
86	**08/11/2020 02:00**	11.865	7.110	
87	**08/11/2020 03:00**	11.865	6.990	
88	**08/11/2020 04:00**	11.813	6.860	
89	**08/11/2020 05:00**	11.865	6.728	
90	**08/11/2020 06:00**	11.865	6.644	
91	**08/11/2020 07:00**	11.865	6.643	
92	**08/11/2020 08:00**	11.865	6.721	
93	**08/11/2020 09:00**	11.865	6.854	
94	**08/11/2020 10:00**	11.865	7.008	
95	**08/11/2020 11:00**	11.865	7.107	
96	**08/11/2020 12:00**	11.865	7.137	
97	**08/11/2020 13:00**	11.865	7.102	
98	**08/11/2020 14:00**	11.865	7.034	
99	**08/11/2020 15:00**	11.865	6.899	
100	**08/11/2020 16:00**	11.865	6.793	
101	**08/11/2020 17:00**	11.865	6.663	
102	**08/11/2020 18:00**	11.865	6.566	
103	**08/11/2020 19:00**	11.865	6.525	
104	**08/11/2020 20:00**	11.865	6.588	
105	**08/11/2020 21:00**	11.865	6.733	
106	**08/11/2020 22:00**	11.865	6.922	
107	**08/11/2020 23:00**	11.865	7.080	
108	**09/11/2020 00:00**	11.865	7.185	
109	**09/11/2020 01:00**	11.865	7.237	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**09/11/2020 02:00**	11.865	7.216	
111	**09/11/2020 03:00**	11.865	7.133	
112	**09/11/2020 04:00**	11.865	7.015	
113	**09/11/2020 05:00**	11.865	6.894	
114	**09/11/2020 06:00**	11.865	6.733	
115	**09/11/2020 07:00**	11.865	6.636	
116	**09/11/2020 08:00**	11.865	6.594	
117	**09/11/2020 09:00**	11.865	6.670	
118	**09/11/2020 10:00**	11.865	6.797	
119	**09/11/2020 11:00**	11.865	6.935	
120	**09/11/2020 12:00**	11.865	7.040	
121	**09/11/2020 13:00**	11.865	7.102	
122	**09/11/2020 14:00**	11.865	7.115	
123	**09/11/2020 15:00**	11.865	7.054	
124	**09/11/2020 16:00**	11.865	6.950	
125	**09/11/2020 17:00**	11.865	6.838	
126	**09/11/2020 18:00**	11.865	6.701	
127	**09/11/2020 19:00**	11.865	6.569	
128	**09/11/2020 20:00**	11.865	6.508	
129	**09/11/2020 21:00**	11.865	6.537	
130	**09/11/2020 22:00**	11.865	6.674	
131	**09/11/2020 23:00**	11.865	6.859	
132	**10/11/2020 00:00**	11.865	7.045	
133	**10/11/2020 01:00**	11.865	7.173	
134	**10/11/2020 02:00**	11.865	7.244	
135	**10/11/2020 03:00**	11.813	7.241	
136	**10/11/2020 04:00**	11.865	7.181	
137	**10/11/2020 05:00**	11.865	7.083	
138	**10/11/2020 06:00**	11.865	6.944	
139	**10/11/2020 07:00**	11.813	6.792	
140	**10/11/2020 08:00**	11.813	6.674	
141	**10/11/2020 09:00**	11.865	6.598	
142	**10/11/2020 10:00**	11.865	6.653	
143	**10/11/2020 11:00**	11.865	6.770	
144	**10/11/2020 12:00**	11.865	6.916	
145	**10/11/2020 13:00**	11.865	7.059	
146	**10/11/2020 14:00**	11.865	7.144	
147	**10/11/2020 15:00**	11.865	7.166	
148	**10/11/2020 16:00**	11.865	7.118	
149	**10/11/2020 17:00**	11.865	7.028	
150	**10/11/2020 18:00**	11.865	6.889	
151	**10/11/2020 19:00**	11.865	6.753	
152	**10/11/2020 20:00**	11.865	6.598	
153	**10/11/2020 21:00**	11.865	6.499	
154	**10/11/2020 22:00**	11.865	6.519	
155	**10/11/2020 23:00**	11.865	6.654	
156	**11/11/2020 00:00**	11.865	6.844	
157	**11/11/2020 01:00**	11.865	7.031	
158	**11/11/2020 02:00**	11.865	7.178	
159	**11/11/2020 03:00**	11.865	7.265	
160	**11/11/2020 04:00**	11.865	7.260	
161	**11/11/2020 05:00**	11.865	7.185	
162	**11/11/2020 06:00**	11.865	7.044	
163	**11/11/2020 07:00**	11.865	6.875	
164	**11/11/2020 08:00**	11.865	6.692	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**11/11/2020 09:00**	11.865	6.524	
166	**11/11/2020 10:00**	11.865	6.458	
167	**11/11/2020 11:00**	11.865	6.494	
168	**11/11/2020 12:00**	11.865	6.637	
169	**11/11/2020 13:00**	11.813	6.818	
170	**11/11/2020 14:00**	11.865	6.968	
171	**11/11/2020 15:00**	11.865	7.051	
172	**11/11/2020 16:00**	11.865	7.068	
173	**11/11/2020 17:00**	11.865	7.003	
174	**11/11/2020 18:00**	11.865	6.868	
175	**11/11/2020 19:00**	11.813	6.683	
176	**11/11/2020 20:00**	11.865	6.475	
177	**11/11/2020 21:00**	11.865	6.306	
178	**11/11/2020 22:00**	11.865	6.217	
179	**11/11/2020 23:00**	11.865	6.242	
180	**12/11/2020 00:00**	11.865	6.419	
181	**12/11/2020 01:00**	11.865	6.677	
182	**12/11/2020 02:00**	11.865	6.916	
183	**12/11/2020 03:00**	11.865	7.097	
184	**12/11/2020 04:00**	11.865	7.181	
185	**12/11/2020 05:00**	11.865	7.179	
186	**12/11/2020 06:00**	11.865	7.086	
187	**12/11/2020 07:00**	11.865	6.902	
188	**12/11/2020 08:00**	11.865	6.710	
189	**12/11/2020 09:00**	11.865	6.513	
190	**12/11/2020 10:00**	11.865	6.363	
191	**12/11/2020 11:00**	11.865	6.304	
192	**12/11/2020 12:00**	11.865	6.386	
193	**12/11/2020 13:00**	11.865	6.559	
194	**12/11/2020 14:00**	11.865	6.807	
195	**12/11/2020 15:00**	11.865	7.001	
196	**12/11/2020 16:00**	11.865	7.125	
197	**12/11/2020 17:00**	11.865	7.129	
198	**12/11/2020 18:00**	11.865	7.017	
199	**12/11/2020 19:00**	11.865	6.860	
200	**12/11/2020 20:00**	11.865	6.629	
201	**12/11/2020 21:00**	11.865	6.427	
202	**12/11/2020 22:00**	11.865	6.233	
203	**12/11/2020 23:00**	11.865	6.143	
204	**13/11/2020 00:00**	11.865	6.186	
205	**13/11/2020 01:00**	11.865	6.381	
206	**13/11/2020 02:00**	11.865	6.657	
207	**13/11/2020 03:00**	11.865	6.922	
208	**13/11/2020 04:00**	11.865	7.099	
209	**13/11/2020 05:00**	11.865	7.171	
210	**13/11/2020 06:00**	11.865	7.113	
211	**13/11/2020 07:00**	11.865	6.963	
212	**13/11/2020 08:00**	11.865	6.755	
213	**13/11/2020 09:00**	11.865	6.524	
214	**13/11/2020 10:00**	11.865	6.319	
215	**13/11/2020 11:00**	11.865	6.163	
216	**13/11/2020 12:00**	11.813	6.156	
217	**13/11/2020 13:00**	11.865	6.299	
218	**13/11/2020 14:00**	11.865	6.577	
219	**13/11/2020 15:00**	11.865	6.858	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**13/11/2020 16:00**	11.865	7.053	
221	**13/11/2020 17:00**	11.865	7.168	
222	**13/11/2020 18:00**	11.865	7.128	
223	**13/11/2020 19:00**	11.865	6.986	
224	**13/11/2020 20:00**	11.865	6.769	
225	**13/11/2020 21:00**	11.865	6.534	
226	**13/11/2020 22:00**	11.865	6.289	
227	**13/11/2020 23:00**	11.865	6.117	
228	**14/11/2020 00:00**	11.865	6.068	
229	**14/11/2020 01:00**	11.865	6.176	
230	**14/11/2020 02:00**	11.865	6.441	
231	**14/11/2020 03:00**	11.865	6.771	
232	**14/11/2020 04:00**	11.865	7.041	
233	**14/11/2020 05:00**	11.865	7.189	
234	**14/11/2020 06:00**	11.917	7.242	
235	**14/11/2020 07:00**	11.865	7.153	
236	**14/11/2020 08:00**	11.865	6.959	
237	**14/11/2020 09:00**	11.865	6.705	
238	**14/11/2020 10:00**	11.865	6.436	
239	**14/11/2020 11:00**	11.865	6.203	
240	**14/11/2020 12:00**	11.865	6.038	
241	**14/11/2020 13:00**	11.865	6.062	
242	**14/11/2020 14:00**	11.865	6.227	
243	**14/11/2020 15:00**	11.865	6.509	
244	**14/11/2020 16:00**	11.865	6.805	
245	**14/11/2020 17:00**	11.865	6.990	
246	**14/11/2020 18:00**	11.865	7.062	
247	**14/11/2020 19:00**	11.865	7.007	
248	**14/11/2020 20:00**	11.865	6.835	
249	**14/11/2020 21:00**	11.865	6.578	
250	**14/11/2020 22:00**	11.865	6.310	
251	**14/11/2020 23:00**	11.865	6.059	
252	**15/11/2020 00:00**	11.865	5.876	
253	**15/11/2020 01:00**	11.865	5.841	
254	**15/11/2020 02:00**	11.865	6.002	
255	**15/11/2020 03:00**	11.865	6.336	
256	**15/11/2020 04:00**	11.865	6.684	
257	**15/11/2020 05:00**	11.865	6.944	
258	**15/11/2020 06:00**	11.865	7.070	
259	**15/11/2020 07:00**	11.865	7.075	
260	**15/11/2020 08:00**	11.865	6.927	
261	**15/11/2020 09:00**	11.865	6.696	
262	**15/11/2020 10:00**	11.865	6.422	
263	**15/11/2020 11:00**	11.865	6.175	
264	**15/11/2020 12:00**	11.865	5.978	
265	**15/11/2020 13:00**	11.865	5.869	
266	**15/11/2020 14:00**	11.865	5.955	
267	**15/11/2020 15:00**	11.865	6.224	
268	**15/11/2020 16:00**	11.865	6.575	
269	**15/11/2020 17:00**	11.865	6.886	
270	**15/11/2020 18:00**	11.865	7.050	
271	**15/11/2020 19:00**	11.813	7.118	
272	**15/11/2020 20:00**	11.865	7.029	
273	**15/11/2020 21:00**	11.865	6.825	
274	**15/11/2020 22:00**	11.865	6.560	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/11/2020 23:00**	11.865	6.307	
276	**16/11/2020 00:00**	11.865	6.087	
277	**16/11/2020 01:00**	11.865	5.957	
278	**16/11/2020 02:00**	11.865	5.975	
279	**16/11/2020 03:00**	11.865	6.196	
280	**16/11/2020 04:00**	11.865	6.548	
281	**16/11/2020 05:00**	11.865	6.890	
282	**16/11/2020 06:00**	11.865	7.105	
283	**16/11/2020 07:00**	11.865	7.216	
284	**16/11/2020 08:00**	11.865	7.187	
285	**16/11/2020 09:00**	11.865	7.017	
286	**16/11/2020 10:00**	11.865	6.770	
287	**16/11/2020 11:00**	11.865	6.501	
288	**16/11/2020 12:00**	11.865	6.290	
289	**16/11/2020 13:00**	11.865	6.106	
290	**16/11/2020 14:00**	11.865	6.052	
291	**16/11/2020 15:00**	11.865	6.198	
292	**16/11/2020 16:00**	11.865	6.484	
293	**16/11/2020 17:00**	11.865	6.820	
294	**16/11/2020 18:00**	11.865	7.072	
295	**16/11/2020 19:00**	11.865	7.196	
296	**16/11/2020 20:00**	11.865	7.222	
297	**16/11/2020 21:00**	11.865	7.081	
298	**16/11/2020 22:00**	11.865	6.873	
299	**16/11/2020 23:00**	11.865	6.606	
300	**17/11/2020 00:00**	11.865	6.343	
301	**17/11/2020 01:00**	11.865	6.109	
302	**17/11/2020 02:00**	11.865	5.979	
303	**17/11/2020 03:00**	11.917	6.009	
304	**17/11/2020 04:00**	11.865	6.252	
305	**17/11/2020 05:00**	11.865	6.594	
306	**17/11/2020 06:00**	11.865	6.902	
307	**17/11/2020 07:00**	11.865	7.099	
308	**17/11/2020 08:00**	11.865	7.172	
309	**17/11/2020 09:00**	11.865	7.102	
310	**17/11/2020 10:00**	11.865	6.911	
311	**17/11/2020 11:00**	11.865	6.656	
312	**17/11/2020 12:00**	11.865	6.396	
313	**17/11/2020 13:00**	11.865	6.164	
314	**17/11/2020 14:00**	11.865	6.007	
315	**17/11/2020 15:00**	11.865	5.992	
316	**17/11/2020 16:00**	11.865	6.153	
317	**17/11/2020 17:00**	11.865	6.471	
318	**17/11/2020 18:00**	11.865	6.805	
319	**17/11/2020 19:00**	11.865	7.045	
320	**17/11/2020 20:00**	11.865	7.171	
321	**17/11/2020 21:00**	11.865	7.176	
322	**17/11/2020 22:00**	11.865	7.042	
323	**17/11/2020 23:00**	11.865	6.825	
324	**18/11/2020 00:00**	11.865	6.572	
325	**18/11/2020 01:00**	11.865	6.334	
326	**18/11/2020 02:00**	11.813	6.139	
327	**18/11/2020 03:00**	11.865	6.019	
328	**18/11/2020 04:00**	11.865	6.093	
329	**18/11/2020 05:00**	11.865	6.333	

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330	**18/11/2020 06:00**	11.865	6.636	
331	**18/11/2020 07:00**	11.865	6.905	
332	**18/11/2020 08:00**	11.865	7.063	
333	**18/11/2020 09:00**	11.865	7.110	
334	**18/11/2020 10:00**	11.865	7.027	
335	**18/11/2020 11:00**	11.865	6.831	
336	**18/11/2020 12:00**	11.865	6.582	
337	**18/11/2020 13:00**	11.865	6.323	
338	**18/11/2020 14:00**	11.865	6.120	
339	**18/11/2020 15:00**	11.865	5.985	
340	**18/11/2020 16:00**	11.865	6.003	
341	**18/11/2020 17:00**	11.865	6.202	
342	**18/11/2020 18:00**	11.865	6.540	
343	**18/11/2020 19:00**	11.865	6.829	
344	**18/11/2020 20:00**	11.865	7.033	
345	**18/11/2020 21:00**	11.865	7.150	
346	**18/11/2020 22:00**	11.865	7.133	
347	**18/11/2020 23:00**	11.865	7.022	
348	**19/11/2020 00:00**	11.865	6.844	
349	**19/11/2020 01:00**	11.865	6.617	
350	**19/11/2020 02:00**	11.865	6.392	
351	**19/11/2020 03:00**	11.865	6.234	
352	**19/11/2020 04:00**	11.865	6.163	
353	**19/11/2020 05:00**	11.865	6.240	
354	**19/11/2020 06:00**	11.865	6.494	
355	**19/11/2020 07:00**	11.865	6.782	
356	**19/11/2020 08:00**	11.865	7.030	
357	**19/11/2020 09:00**	11.865	7.178	
358	**19/11/2020 10:00**	11.865	7.235	
359	**19/11/2020 11:00**	11.865	7.177	
360	**19/11/2020 12:00**	11.865	7.035	
361	**19/11/2020 13:00**	11.865	6.838	
362	**19/11/2020 14:00**	11.865	6.674	
363	**19/11/2020 15:00**	11.865	6.522	
364	**19/11/2020 16:00**	11.865	6.430	
365	**19/11/2020 17:00**	11.865	6.470	
366	**19/11/2020 18:00**	11.865	6.622	
367	**19/11/2020 19:00**	11.865	6.881	
368	**19/11/2020 20:00**	11.865	7.101	
369	**19/11/2020 21:00**	11.865	7.261	
370	**19/11/2020 22:00**	11.865	7.339	
371	**19/11/2020 23:00**	11.865	7.306	
372	**20/11/2020 00:00**	11.865	7.184	
373	**20/11/2020 01:00**	11.865	7.026	
374	**20/11/2020 02:00**	11.865	6.822	
375	**20/11/2020 03:00**	11.865	6.664	
376	**20/11/2020 04:00**	11.865	6.482	
377	**20/11/2020 05:00**	11.865	6.412	
378	**20/11/2020 06:00**	11.865	6.463	
379	**20/11/2020 07:00**	11.865	6.632	
380	**20/11/2020 08:00**	11.865	6.844	
381	**20/11/2020 09:00**	11.865	7.027	
382	**20/11/2020 10:00**	11.865	7.130	
383	**20/11/2020 11:00**	11.865	7.138	
384	**20/11/2020 12:00**	11.865	7.060	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**20/11/2020 13:00**	11.865	6.911	
386	**20/11/2020 14:00**	11.865	6.714	
387	**20/11/2020 15:00**	11.865	6.533	
388	**20/11/2020 16:00**	11.865	6.371	
389	**20/11/2020 17:00**	11.865	6.277	
390	**20/11/2020 18:00**	11.865	6.300	
391	**20/11/2020 19:00**	11.865	6.464	
392	**20/11/2020 20:00**	11.865	6.713	
393	**20/11/2020 21:00**	11.865	6.946	
394	**20/11/2020 22:00**	11.865	7.114	
395	**20/11/2020 23:00**	11.865	7.199	
396	**21/11/2020 00:00**	11.865	7.182	
397	**21/11/2020 01:00**	11.865	7.103	
398	**21/11/2020 02:00**	11.865	6.982	
399	**21/11/2020 03:00**	11.865	6.825	
400	**21/11/2020 04:00**	11.865	6.672	
401	**21/11/2020 05:00**	11.865	6.534	
402	**21/11/2020 06:00**	11.865	6.456	
403	**21/11/2020 07:00**	11.865	6.496	
404	**21/11/2020 08:00**	11.917	6.631	
405	**21/11/2020 09:00**	11.917	6.805	
406	**21/11/2020 10:00**	11.865	6.964	
407	**21/11/2020 11:00**	11.865	7.062	
408	**21/11/2020 12:00**	11.865	7.080	
409	**21/11/2020 13:00**	11.865	7.008	
410	**21/11/2020 14:00**	11.865	6.870	
411	**21/11/2020 15:00**	11.865	6.716	
412	**21/11/2020 16:00**	11.917	6.541	
413	**21/11/2020 17:00**	11.865	6.416	
414	**21/11/2020 18:00**	11.865	6.348	
415	**21/11/2020 19:00**	11.865	6.379	
416	**21/11/2020 20:00**	11.865	6.524	
417	**21/11/2020 21:00**	11.865	6.741	
418	**21/11/2020 22:00**	11.917	6.938	
419	**21/11/2020 23:00**	11.865	7.097	
420	**22/11/2020 00:00**	11.865	7.174	
421	**22/11/2020 01:00**	11.865	7.190	
422	**22/11/2020 02:00**	11.865	7.128	
423	**22/11/2020 03:00**	11.865	7.039	
424	**22/11/2020 04:00**	11.865	6.893	
425	**22/11/2020 05:00**	11.865	6.767	
426	**22/11/2020 06:00**	11.865	6.620	
427	**22/11/2020 07:00**	11.865	6.550	
428	**22/11/2020 08:00**	11.865	6.562	
429	**22/11/2020 09:00**	11.865	6.673	
430	**22/11/2020 10:00**	11.865	6.851	
431	**22/11/2020 11:00**	11.865	6.991	
432	**22/11/2020 12:00**	11.865	7.077	
433	**22/11/2020 13:00**	11.865	7.096	
434	**22/11/2020 14:00**	11.865	7.057	
435	**22/11/2020 15:00**	11.865	6.956	
436	**22/11/2020 16:00**	11.865	6.832	
437	**22/11/2020 17:00**	11.917	6.683	
438	**22/11/2020 18:00**	11.865	6.555	
439	**22/11/2020 19:00**	11.865	6.465	

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440	**22/11/2020 20:00**	11.865	6.457	
441	**22/11/2020 21:00**	11.865	6.566	
442	**22/11/2020 22:00**	11.865	6.723	
443	**22/11/2020 23:00**	11.865	6.922	
444	**23/11/2020 00:00**	11.865	7.075	
445	**23/11/2020 01:00**	11.865	7.166	
446	**23/11/2020 02:00**	11.917	7.182	
447	**23/11/2020 03:00**	11.865	7.158	
448	**23/11/2020 04:00**	11.865	7.096	
449	**23/11/2020 05:00**	11.865	6.972	
450	**23/11/2020 06:00**	11.865	6.847	
451	**23/11/2020 07:00**	11.865	6.720	
452	**23/11/2020 08:00**	11.865	6.617	
453	**23/11/2020 09:00**	11.865	6.596	
454	**23/11/2020 10:00**	11.865	6.673	
455	**23/11/2020 11:00**	11.865	6.797	
456	**23/11/2020 12:00**	11.865	6.922	
457	**23/11/2020 13:00**	11.865	7.019	
458	**23/11/2020 14:00**	11.865	7.040	
459	**23/11/2020 15:00**	11.917	7.006	
460	**23/11/2020 16:00**	11.865	6.907	
461	**23/11/2020 17:00**	11.865	6.785	
462	**23/11/2020 18:00**	11.865	6.621	
463	**23/11/2020 19:00**	11.865	6.482	
464	**23/11/2020 20:00**	11.865	6.395	
465	**23/11/2020 21:00**	11.865	6.380	
466	**23/11/2020 22:00**	11.865	6.455	
467	**23/11/2020 23:00**	11.865	6.621	
468	**24/11/2020 00:00**	11.865	6.807	
469	**24/11/2020 01:00**	11.865	6.978	
470	**24/11/2020 02:00**	11.865	7.079	
471	**24/11/2020 03:00**	11.865	7.118	
472	**24/11/2020 04:00**	11.865	7.103	
473	**24/11/2020 05:00**	11.865	7.027	
474	**24/11/2020 06:00**	11.865	6.918	
475	**24/11/2020 07:00**	11.865	6.770	
476	**24/11/2020 08:00**	11.865	6.632	
477	**24/11/2020 09:00**	11.865	6.536	
478	**24/11/2020 10:00**	11.865	6.502	
479	**24/11/2020 11:00**	11.865	6.573	
480	**24/11/2020 12:00**	11.865	6.716	
481	**24/11/2020 13:00**	11.917	6.846	
482	**24/11/2020 14:00**	11.865	6.947	
483	**24/11/2020 15:00**	11.865	7.007	
484	**24/11/2020 16:00**	11.865	6.973	
485	**24/11/2020 17:00**	11.917	6.884	
486	**24/11/2020 18:00**	11.865	6.766	
487	**24/11/2020 19:00**	11.865	6.629	
488	**24/11/2020 20:00**	11.865	6.474	
489	**24/11/2020 21:00**	11.865	6.378	
490	**24/11/2020 22:00**	11.865	6.343	
491	**24/11/2020 23:00**	11.865	6.429	
492	**25/11/2020 00:00**	11.917	6.597	
493	**25/11/2020 01:00**	11.865	6.813	
494	**25/11/2020 02:00**	11.865	6.988	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**25/11/2020 03:00**	11.865	7.089	
496	**25/11/2020 04:00**	11.917	7.163	
497	**25/11/2020 05:00**	11.865	7.136	
498	**25/11/2020 06:00**	11.865	7.064	
499	**25/11/2020 07:00**	11.865	6.947	
500	**25/11/2020 08:00**	11.865	6.812	
501	**25/11/2020 09:00**	11.865	6.654	
502	**25/11/2020 10:00**	11.865	6.546	
503	**25/11/2020 11:00**	11.865	6.522	
504	**25/11/2020 12:00**	11.865	6.630	
505	**25/11/2020 13:00**	11.865	6.776	
506	**25/11/2020 14:00**	11.865	6.921	
507	**25/11/2020 15:00**	11.865	7.047	
508	**25/11/2020 16:00**	11.865	7.099	
509	**25/11/2020 17:00**	11.865	7.084	
510	**25/11/2020 18:00**	11.865	6.998	
511	**25/11/2020 19:00**	11.865	6.873	
512	**25/11/2020 20:00**	11.865	6.736	
513	**25/11/2020 21:00**	11.865	6.601	
514	**25/11/2020 22:00**	11.865	6.503	
515	**25/11/2020 23:00**	11.865	6.466	
516	**26/11/2020 00:00**	11.917	6.561	
517	**26/11/2020 01:00**	11.865	6.755	
518	**26/11/2020 02:00**	11.865	6.964	
519	**26/11/2020 03:00**	11.865	7.139	
520	**26/11/2020 04:00**	11.865	7.220	
521	**26/11/2020 05:00**	11.917	7.257	
522	**26/11/2020 06:00**	11.865	7.207	
523	**26/11/2020 07:00**	11.865	7.103	
524	**26/11/2020 08:00**	11.865	6.964	
525	**26/11/2020 09:00**	11.865	6.819	
526	**26/11/2020 10:00**	11.865	6.668	
527	**26/11/2020 11:00**	11.865	6.562	
528	**26/11/2020 12:00**	11.865	6.566	
529	**26/11/2020 13:00**	11.865	6.685	
530	**26/11/2020 14:00**	11.865	6.896	
531	**26/11/2020 15:00**	11.865	7.041	
532	**26/11/2020 16:00**	11.865	7.113	
533	**26/11/2020 17:00**	11.865	7.156	
534	**26/11/2020 18:00**	11.865	7.132	
535	**26/11/2020 19:00**	11.865	7.017	
536	**26/11/2020 20:00**	11.865	6.861	
537	**26/11/2020 21:00**	11.865	6.720	
538	**26/11/2020 22:00**	11.865	6.555	
539	**26/11/2020 23:00**	11.917	6.469	
540	**27/11/2020 00:00**	11.865	6.489	
541	**27/11/2020 01:00**	11.865	6.614	
542	**27/11/2020 02:00**	11.917	6.817	
543	**27/11/2020 03:00**	11.917	7.000	
544	**27/11/2020 04:00**	11.865	7.156	
545	**27/11/2020 05:00**	11.865	7.240	
546	**27/11/2020 06:00**	11.865	7.250	
547	**27/11/2020 07:00**	11.865	7.170	
548	**27/11/2020 08:00**	11.865	7.051	
549	**27/11/2020 09:00**	11.865	6.884	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**27/11/2020 10:00**	11.865	6.716	
551	**27/11/2020 11:00**	11.865	6.577	
552	**27/11/2020 12:00**	11.865	6.517	
553	**27/11/2020 13:00**	11.917	6.581	
554	**27/11/2020 14:00**	11.865	6.735	
555	**27/11/2020 15:00**	11.865	6.925	
556	**27/11/2020 16:00**	11.865	7.064	
557	**27/11/2020 17:00**	11.865	7.171	
558	**27/11/2020 18:00**	11.865	7.159	
559	**27/11/2020 19:00**	11.917	7.095	
560	**27/11/2020 20:00**	11.917	6.933	
561	**27/11/2020 21:00**	11.865	6.774	
562	**27/11/2020 22:00**	11.917	6.601	
563	**27/11/2020 23:00**	11.865	6.459	
564	**28/11/2020 00:00**	11.865	6.406	
565	**28/11/2020 01:00**	11.865	6.456	
566	**28/11/2020 02:00**	11.865	6.632	
567	**28/11/2020 03:00**	11.865	6.852	
568	**28/11/2020 04:00**	11.917	7.032	
569	**28/11/2020 05:00**	11.865	7.144	
570	**28/11/2020 06:00**	11.865	7.193	
571	**28/11/2020 07:00**	11.865	7.158	
572	**28/11/2020 08:00**	11.865	7.047	
573	**28/11/2020 09:00**	11.917	6.896	
574	**28/11/2020 10:00**	11.865	6.707	
575	**28/11/2020 11:00**	11.865	6.547	
576	**28/11/2020 12:00**	11.865	6.439	
577	**28/11/2020 13:00**	11.865	6.431	
578	**28/11/2020 14:00**	11.865	6.568	
579	**28/11/2020 15:00**	11.865	6.770	
580	**28/11/2020 16:00**	11.865	6.970	
581	**28/11/2020 17:00**	11.865	7.124	
582	**28/11/2020 18:00**	11.865	7.184	
583	**28/11/2020 19:00**	11.865	7.137	
584	**28/11/2020 20:00**	11.865	7.053	
585	**28/11/2020 21:00**	11.917	6.888	
586	**28/11/2020 22:00**	11.865	6.721	
587	**28/11/2020 23:00**	11.917	6.545	
588	**29/11/2020 00:00**	11.865	6.439	
589	**29/11/2020 01:00**	11.865	6.424	
590	**29/11/2020 02:00**	11.865	6.540	
591	**29/11/2020 03:00**	11.865	6.729	
592	**29/11/2020 04:00**	11.917	6.962	
593	**29/11/2020 05:00**	11.917	7.120	
594	**29/11/2020 06:00**	11.917	7.222	
595	**29/11/2020 07:00**	11.865	7.219	
596	**29/11/2020 08:00**	11.917	7.145	
597	**29/11/2020 09:00**	11.865	6.993	
598	**29/11/2020 10:00**	11.865	6.828	
599	**29/11/2020 11:00**	11.865	6.661	
600	**29/11/2020 12:00**	11.865	6.502	
601	**29/11/2020 13:00**	11.865	6.442	
602	**29/11/2020 14:00**	11.865	6.508	
603	**29/11/2020 15:00**	11.865	6.674	
604	**29/11/2020 16:00**	11.917	6.892	

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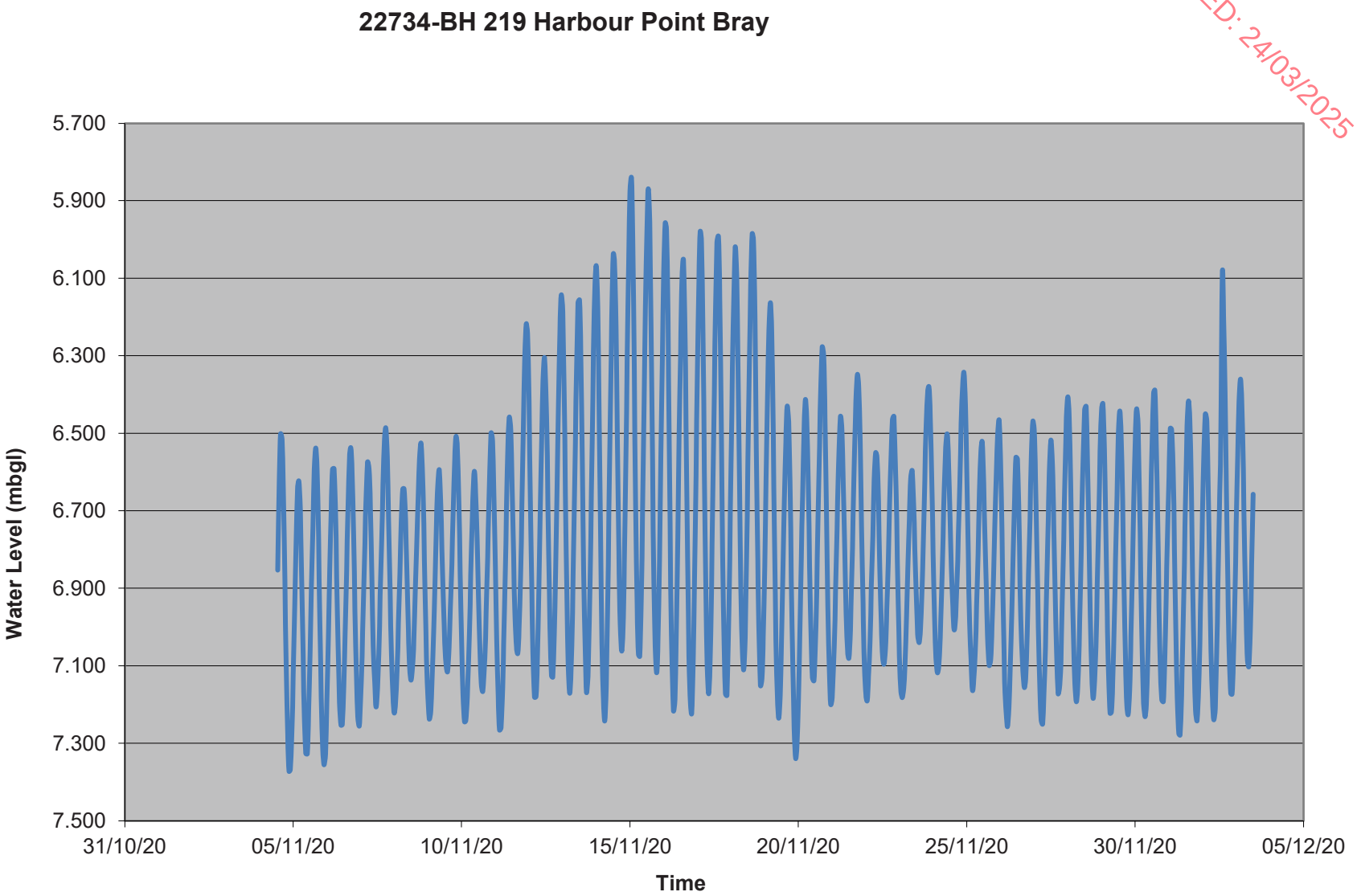
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**29/11/2020 17:00**	11.865	7.083	
606	**29/11/2020 18:00**	11.865	7.201	
607	**29/11/2020 19:00**	11.865	7.226	
608	**29/11/2020 20:00**	11.865	7.165	
609	**29/11/2020 21:00**	11.865	7.021	
610	**29/11/2020 22:00**	11.865	6.851	
611	**29/11/2020 23:00**	11.865	6.675	
612	**30/11/2020 00:00**	11.865	6.515	
613	**30/11/2020 01:00**	11.865	6.437	
614	**30/11/2020 02:00**	11.865	6.479	
615	**30/11/2020 03:00**	11.865	6.655	
616	**30/11/2020 04:00**	11.865	6.864	
617	**30/11/2020 05:00**	11.865	7.072	
618	**30/11/2020 06:00**	11.865	7.197	
619	**30/11/2020 07:00**	11.865	7.231	
620	**30/11/2020 08:00**	11.865	7.200	
621	**30/11/2020 09:00**	11.865	7.066	
622	**30/11/2020 10:00**	11.865	6.900	
623	**30/11/2020 11:00**	11.865	6.702	
624	**30/11/2020 12:00**	11.865	6.532	
625	**30/11/2020 13:00**	11.865	6.397	
626	**30/11/2020 14:00**	11.917	6.389	
627	**30/11/2020 15:00**	11.865	6.514	
628	**30/11/2020 16:00**	11.865	6.719	
629	**30/11/2020 17:00**	11.865	6.950	
630	**30/11/2020 18:00**	11.865	7.120	
631	**30/11/2020 19:00**	11.865	7.188	
632	**30/11/2020 20:00**	11.917	7.192	
633	**30/11/2020 21:00**	11.865	7.100	
634	**30/11/2020 22:00**	11.865	6.927	
635	**30/11/2020 23:00**	11.865	6.766	
636	**01/12/2020 00:00**	11.865	6.611	
637	**01/12/2020 01:00**	11.865	6.487	
638	**01/12/2020 02:00**	11.865	6.490	
639	**01/12/2020 03:00**	11.865	6.591	
640	**01/12/2020 04:00**	11.865	6.798	
641	**01/12/2020 05:00**	11.917	7.025	
642	**01/12/2020 06:00**	11.865	7.183	
643	**01/12/2020 07:00**	11.865	7.274	
644	**01/12/2020 08:00**	11.865	7.278	
645	**01/12/2020 09:00**	11.917	7.177	
646	**01/12/2020 10:00**	11.865	7.021	
647	**01/12/2020 11:00**	11.917	6.835	
648	**01/12/2020 12:00**	11.865	6.644	
649	**01/12/2020 13:00**	11.865	6.481	
650	**01/12/2020 14:00**	11.865	6.416	
651	**01/12/2020 15:00**	11.865	6.467	
652	**01/12/2020 16:00**	11.865	6.643	
653	**01/12/2020 17:00**	11.865	6.892	
654	**01/12/2020 18:00**	11.865	7.095	
655	**01/12/2020 19:00**	11.865	7.214	
656	**01/12/2020 20:00**	11.865	7.242	
657	**01/12/2020 21:00**	11.865	7.180	
658	**01/12/2020 22:00**	11.865	7.043	
659	**01/12/2020 23:00**	11.865	6.871	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**02/12/2020 00:00**	11.865	6.706	
661	**02/12/2020 01:00**	11.865	6.538	
662	**02/12/2020 02:00**	11.865	6.450	
663	**02/12/2020 03:00**	11.917	6.468	
664	**02/12/2020 04:00**	11.865	6.627	
665	**02/12/2020 05:00**	11.865	6.853	
666	**02/12/2020 06:00**	11.865	7.060	
667	**02/12/2020 07:00**	11.917	7.184	
668	**02/12/2020 08:00**	11.865	7.239	
669	**02/12/2020 09:00**	11.917	7.209	
670	**02/12/2020 10:00**	11.865	7.074	
671	**02/12/2020 11:00**	11.865	6.892	
672	**02/12/2020 12:00**	11.917	6.694	
673	**02/12/2020 13:00**	11.865	6.523	
674	**02/12/2020 14:00**	11.917	6.092	
675	**02/12/2020 15:00**	11.865	6.197	
676	**02/12/2020 16:00**	11.865	6.396	
677	**02/12/2020 17:00**	11.917	6.643	
678	**02/12/2020 18:00**	11.865	6.894	
679	**02/12/2020 19:00**	11.865	7.070	
680	**02/12/2020 20:00**	11.917	7.171	
681	**02/12/2020 21:00**	11.865	7.173	
682	**02/12/2020 22:00**	11.917	7.088	
683	**02/12/2020 23:00**	11.917	6.927	
684	**03/12/2020 00:00**	11.917	6.735	
685	**03/12/2020 01:00**	11.865	6.559	
686	**03/12/2020 02:00**	11.865	6.419	
687	**03/12/2020 03:00**	11.865	6.360	
688	**03/12/2020 04:00**	11.865	6.423	
689	**03/12/2020 05:00**	11.917	6.591	
690	**03/12/2020 06:00**	11.865	6.809	
691	**03/12/2020 07:00**	11.865	6.974	
692	**03/12/2020 08:00**	11.865	7.087	
693	**03/12/2020 09:00**	11.865	7.102	
694	**03/12/2020 10:00**	11.865	7.011	
695	**03/12/2020 11:00**	11.865	6.840	
696	**03/12/2020 12:00**	11.865	6.657	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**03/12/2020 15:00**	11.865	6.367	
2	**03/12/2020 16:00**	11.865	6.402	
3	**03/12/2020 17:00**	11.917	6.568	
4	**03/12/2020 18:00**	11.917	6.803	
5	**03/12/2020 19:00**	11.917	7.033	
6	**03/12/2020 20:00**	11.917	7.192	
7	**03/12/2020 21:00**	11.865	7.249	
8	**03/12/2020 22:00**	11.865	7.236	
9	**03/12/2020 23:00**	11.865	7.122	
10	**04/12/2020 00:00**	11.917	6.985	
11	**04/12/2020 01:00**	11.865	6.806	
12	**04/12/2020 02:00**	11.917	6.657	
13	**04/12/2020 03:00**	11.865	6.536	
14	**04/12/2020 04:00**	11.865	6.531	
15	**04/12/2020 05:00**	11.865	6.644	
16	**04/12/2020 06:00**	11.865	6.840	
17	**04/12/2020 07:00**	11.865	7.035	
18	**04/12/2020 08:00**	11.917	7.188	
19	**04/12/2020 09:00**	11.865	7.265	
20	**04/12/2020 10:00**	11.917	7.233	
21	**04/12/2020 11:00**	11.917	7.142	
22	**04/12/2020 12:00**	11.917	6.976	
23	**04/12/2020 13:00**	11.865	6.808	
24	**04/12/2020 14:00**	11.865	6.642	
25	**04/12/2020 15:00**	11.917	6.499	
26	**04/12/2020 16:00**	11.917	6.449	
27	**04/12/2020 17:00**	11.865	6.524	
28	**04/12/2020 18:00**	11.865	6.706	
29	**04/12/2020 19:00**	11.865	6.929	
30	**04/12/2020 20:00**	11.865	7.109	
31	**04/12/2020 21:00**	11.865	7.227	
32	**04/12/2020 22:00**	11.865	7.269	
33	**04/12/2020 23:00**	11.865	7.232	
34	**05/12/2020 00:00**	11.865	7.103	
35	**05/12/2020 01:00**	11.917	6.977	
36	**05/12/2020 02:00**	11.865	6.821	
37	**05/12/2020 03:00**	11.865	6.711	
38	**05/12/2020 04:00**	11.865	6.655	
39	**05/12/2020 05:00**	11.865	6.705	
40	**05/12/2020 06:00**	11.865	6.848	
41	**05/12/2020 07:00**	11.917	7.025	
42	**05/12/2020 08:00**	11.917	7.180	
43	**05/12/2020 09:00**	11.917	7.288	
44	**05/12/2020 10:00**	11.917	7.327	
45	**05/12/2020 11:00**	11.917	7.289	
46	**05/12/2020 12:00**	11.917	7.179	
47	**05/12/2020 13:00**	11.917	7.045	
48	**05/12/2020 14:00**	11.865	6.889	
49	**05/12/2020 15:00**	11.917	6.741	
50	**05/12/2020 16:00**	11.865	6.642	
51	**05/12/2020 17:00**	11.917	6.620	
52	**05/12/2020 18:00**	11.865	6.754	
53	**05/12/2020 19:00**	11.865	6.929	
54	**05/12/2020 20:00**	11.917	7.150	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**05/12/2020 21:00**	11.865	7.280	
56	**05/12/2020 22:00**	11.917	7.386	
57	**05/12/2020 23:00**	11.917	7.411	
58	**06/12/2020 00:00**	11.917	7.359	
59	**06/12/2020 01:00**	11.917	7.260	
60	**06/12/2020 02:00**	11.917	7.113	
61	**06/12/2020 03:00**	11.865	6.948	
62	**06/12/2020 04:00**	11.917	6.795	
63	**06/12/2020 05:00**	11.865	6.708	
64	**06/12/2020 06:00**	11.865	6.729	
65	**06/12/2020 07:00**	11.865	6.873	
66	**06/12/2020 08:00**	11.917	7.050	
67	**06/12/2020 09:00**	11.917	7.201	
68	**06/12/2020 10:00**	11.865	7.295	
69	**06/12/2020 11:00**	11.917	7.324	
70	**06/12/2020 12:00**	11.917	7.284	
71	**06/12/2020 13:00**	11.865	7.182	
72	**06/12/2020 14:00**	11.917	7.032	
73	**06/12/2020 15:00**	11.865	6.887	
74	**06/12/2020 16:00**	11.865	6.737	
75	**06/12/2020 17:00**	11.917	6.640	
76	**06/12/2020 18:00**	11.865	6.620	
77	**06/12/2020 19:00**	11.865	6.734	
78	**06/12/2020 20:00**	11.865	6.913	
79	**06/12/2020 21:00**	11.865	7.110	
80	**06/12/2020 22:00**	11.865	7.270	
81	**06/12/2020 23:00**	11.917	7.335	
82	**07/12/2020 00:00**	11.865	7.351	
83	**07/12/2020 01:00**	11.865	7.283	
84	**07/12/2020 02:00**	11.917	7.183	
85	**07/12/2020 03:00**	11.865	7.036	
86	**07/12/2020 04:00**	11.917	6.880	
87	**07/12/2020 05:00**	11.917	6.725	
88	**07/12/2020 06:00**	11.917	6.655	
89	**07/12/2020 07:00**	11.917	6.681	
90	**07/12/2020 08:00**	11.865	6.815	
91	**07/12/2020 09:00**	11.865	6.977	
92	**07/12/2020 10:00**	11.917	7.118	
93	**07/12/2020 11:00**	11.917	7.217	
94	**07/12/2020 12:00**	11.865	7.248	
95	**07/12/2020 13:00**	11.917	7.187	
96	**07/12/2020 14:00**	11.917	7.074	
97	**07/12/2020 15:00**	11.917	6.936	
98	**07/12/2020 16:00**	11.865	6.788	
99	**07/12/2020 17:00**	11.865	6.627	
100	**07/12/2020 18:00**	11.865	6.526	
101	**07/12/2020 19:00**	11.865	6.521	
102	**07/12/2020 20:00**	11.865	6.634	
103	**07/12/2020 21:00**	11.865	6.806	
104	**07/12/2020 22:00**	11.865	7.005	
105	**07/12/2020 23:00**	11.917	7.150	
106	**08/12/2020 00:00**	11.865	7.262	
107	**08/12/2020 01:00**	11.917	7.289	
108	**08/12/2020 02:00**	11.917	7.253	
109	**08/12/2020 03:00**	11.917	7.160	

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110	**08/12/2020 04:00**	11.917	7.026	
111	**08/12/2020 05:00**	11.917	6.869	
112	**08/12/2020 06:00**	11.917	6.725	
113	**08/12/2020 07:00**	11.865	6.648	
114	**08/12/2020 08:00**	11.865	6.675	
115	**08/12/2020 09:00**	11.865	6.783	
116	**08/12/2020 10:00**	11.865	6.923	
117	**08/12/2020 11:00**	11.917	7.076	
118	**08/12/2020 12:00**	11.865	7.180	
119	**08/12/2020 13:00**	11.917	7.211	
120	**08/12/2020 14:00**	11.917	7.171	
121	**08/12/2020 15:00**	11.865	7.066	
122	**08/12/2020 16:00**	11.917	6.947	
123	**08/12/2020 17:00**	11.917	6.808	
124	**08/12/2020 18:00**	11.865	6.686	
125	**08/12/2020 19:00**	11.917	6.598	
126	**08/12/2020 20:00**	11.865	6.580	
127	**08/12/2020 21:00**	11.865	6.708	
128	**08/12/2020 22:00**	11.865	6.875	
129	**08/12/2020 23:00**	11.865	7.076	
130	**09/12/2020 00:00**	11.865	7.248	
131	**09/12/2020 01:00**	11.917	7.342	
132	**09/12/2020 02:00**	11.865	7.374	
133	**09/12/2020 03:00**	11.917	7.336	
134	**09/12/2020 04:00**	11.865	7.253	
135	**09/12/2020 05:00**	11.865	7.129	
136	**09/12/2020 06:00**	11.865	6.971	
137	**09/12/2020 07:00**	11.865	6.826	
138	**09/12/2020 08:00**	11.865	6.717	
139	**09/12/2020 09:00**	11.865	6.712	
140	**09/12/2020 10:00**	11.865	6.800	
141	**09/12/2020 11:00**	11.917	6.947	
142	**09/12/2020 12:00**	11.865	7.101	
143	**09/12/2020 13:00**	11.917	7.194	
144	**09/12/2020 14:00**	11.917	7.244	
145	**09/12/2020 15:00**	11.917	7.221	
146	**09/12/2020 16:00**	11.917	7.127	
147	**09/12/2020 17:00**	11.917	7.001	
148	**09/12/2020 18:00**	11.917	6.833	
149	**09/12/2020 19:00**	11.865	6.670	
150	**09/12/2020 20:00**	11.865	6.532	
151	**09/12/2020 21:00**	11.865	6.465	
152	**09/12/2020 22:00**	11.917	6.550	
153	**09/12/2020 23:00**	11.865	6.713	
154	**10/12/2020 00:00**	11.917	6.934	
155	**10/12/2020 01:00**	11.917	7.116	
156	**10/12/2020 02:00**	11.917	7.224	
157	**10/12/2020 03:00**	11.865	7.276	
158	**10/12/2020 04:00**	11.917	7.237	
159	**10/12/2020 05:00**	11.865	7.156	
160	**10/12/2020 06:00**	11.865	7.044	
161	**10/12/2020 07:00**	11.917	6.908	
162	**10/12/2020 08:00**	11.917	6.744	
163	**10/12/2020 09:00**	11.917	6.649	
164	**10/12/2020 10:00**	11.917	6.651	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**10/12/2020 11:00**	11.917	6.732	
166	**10/12/2020 12:00**	11.917	6.904	
167	**10/12/2020 13:00**	11.917	7.054	
168	**10/12/2020 14:00**	11.865	7.184	
169	**10/12/2020 15:00**	11.865	7.225	
170	**10/12/2020 16:00**	11.917	7.241	
171	**10/12/2020 17:00**	11.917	7.132	
172	**10/12/2020 18:00**	11.917	6.976	
173	**10/12/2020 19:00**	11.917	6.800	
174	**10/12/2020 20:00**	11.917	6.605	
175	**10/12/2020 21:00**	11.865	6.447	
176	**10/12/2020 22:00**	11.865	6.416	
177	**10/12/2020 23:00**	11.865	6.494	
178	**11/12/2020 00:00**	11.865	6.691	
179	**11/12/2020 01:00**	11.865	6.909	
180	**11/12/2020 02:00**	11.917	7.103	
181	**11/12/2020 03:00**	11.917	7.216	
182	**11/12/2020 04:00**	11.917	7.269	
183	**11/12/2020 05:00**	11.865	7.219	
184	**11/12/2020 06:00**	11.917	7.107	
185	**11/12/2020 07:00**	11.917	6.942	
186	**11/12/2020 08:00**	11.865	6.767	
187	**11/12/2020 09:00**	11.917	6.557	
188	**11/12/2020 10:00**	11.917	6.442	
189	**11/12/2020 11:00**	11.865	6.448	
190	**11/12/2020 12:00**	11.865	6.554	
191	**11/12/2020 13:00**	11.917	6.773	
192	**11/12/2020 14:00**	11.917	6.964	
193	**11/12/2020 15:00**	11.917	7.110	
194	**11/12/2020 16:00**	11.917	7.187	
195	**11/12/2020 17:00**	11.865	7.157	
196	**11/12/2020 18:00**	11.917	7.073	
197	**11/12/2020 19:00**	11.917	6.949	
198	**11/12/2020 20:00**	11.917	6.767	
199	**11/12/2020 21:00**	11.917	6.577	
200	**11/12/2020 22:00**	11.917	6.441	
201	**11/12/2020 23:00**	11.865	6.415	
202	**12/12/2020 00:00**	11.865	6.527	
203	**12/12/2020 01:00**	11.917	6.756	
204	**12/12/2020 02:00**	11.917	7.013	
205	**12/12/2020 03:00**	11.917	7.208	
206	**12/12/2020 04:00**	11.917	7.339	
207	**12/12/2020 05:00**	11.917	7.373	
208	**12/12/2020 06:00**	11.917	7.309	
209	**12/12/2020 07:00**	11.865	7.194	
210	**12/12/2020 08:00**	11.917	7.015	
211	**12/12/2020 09:00**	11.917	6.806	
212	**12/12/2020 10:00**	11.917	6.622	
213	**12/12/2020 11:00**	11.917	6.521	
214	**12/12/2020 12:00**	11.865	6.540	
215	**12/12/2020 13:00**	11.917	6.700	
216	**12/12/2020 14:00**	11.917	6.943	
217	**12/12/2020 15:00**	11.917	7.150	
218	**12/12/2020 16:00**	11.917	7.290	
219	**12/12/2020 17:00**	11.917	7.357	

Project.	**Harbour Point Bray**
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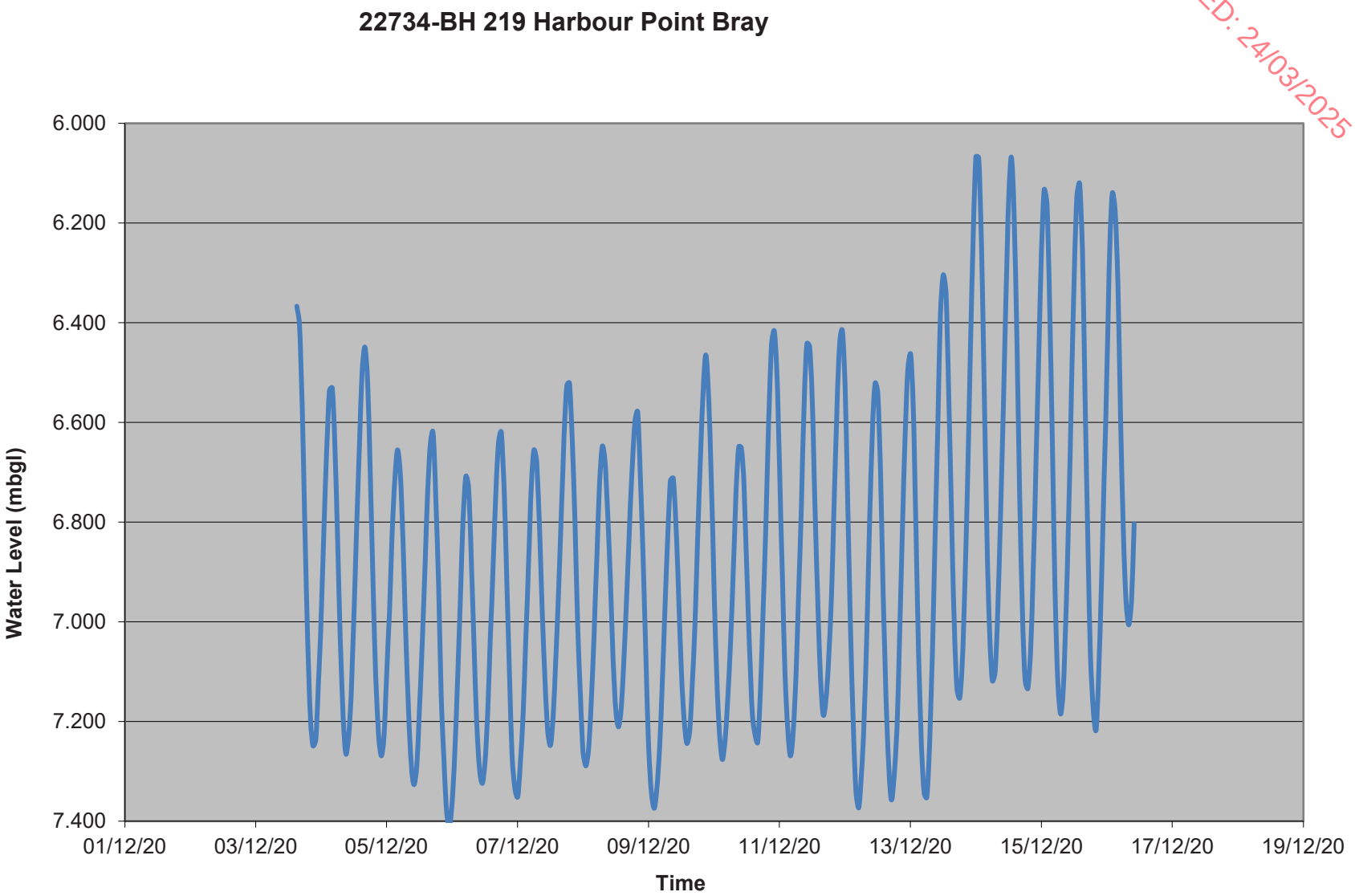
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**12/12/2020 18:00**	11.917	7.309	
221	**12/12/2020 19:00**	11.865	7.213	
222	**12/12/2020 20:00**	11.917	7.032	
223	**12/12/2020 21:00**	11.917	6.816	
224	**12/12/2020 22:00**	11.865	6.635	
225	**12/12/2020 23:00**	11.917	6.495	
226	**13/12/2020 00:00**	11.917	6.463	
227	**13/12/2020 01:00**	11.917	6.565	
228	**13/12/2020 02:00**	11.865	6.818	
229	**13/12/2020 03:00**	11.917	7.065	
230	**13/12/2020 04:00**	11.917	7.248	
231	**13/12/2020 05:00**	11.917	7.344	
232	**13/12/2020 06:00**	11.917	7.352	
233	**13/12/2020 07:00**	11.917	7.245	
234	**13/12/2020 08:00**	11.917	7.059	
235	**13/12/2020 09:00**	11.917	6.835	
236	**13/12/2020 10:00**	11.917	6.605	
237	**13/12/2020 11:00**	11.865	6.383	
238	**13/12/2020 12:00**	11.865	6.304	
239	**13/12/2020 13:00**	11.865	6.342	
240	**13/12/2020 14:00**	11.917	6.537	
241	**13/12/2020 15:00**	11.917	6.779	
242	**13/12/2020 16:00**	11.865	7.004	
243	**13/12/2020 17:00**	11.865	7.133	
244	**13/12/2020 18:00**	11.917	7.153	
245	**13/12/2020 19:00**	11.917	7.082	
246	**13/12/2020 20:00**	11.917	6.913	
247	**13/12/2020 21:00**	11.917	6.689	
248	**13/12/2020 22:00**	11.917	6.448	
249	**13/12/2020 23:00**	11.917	6.219	
250	**14/12/2020 00:00**	11.917	6.067	
251	**14/12/2020 01:00**	11.865	6.069	
252	**14/12/2020 02:00**	11.917	6.246	
253	**14/12/2020 03:00**	11.917	6.520	
254	**14/12/2020 04:00**	11.865	6.823	
255	**14/12/2020 05:00**	11.917	7.026	
256	**14/12/2020 06:00**	11.917	7.118	
257	**14/12/2020 07:00**	11.917	7.100	
258	**14/12/2020 08:00**	11.865	6.979	
259	**14/12/2020 09:00**	11.917	6.787	
260	**14/12/2020 10:00**	11.917	6.569	
261	**14/12/2020 11:00**	11.917	6.350	
262	**14/12/2020 12:00**	11.917	6.147	
263	**14/12/2020 13:00**	11.917	6.068	
264	**14/12/2020 14:00**	11.917	6.189	
265	**14/12/2020 15:00**	11.917	6.439	
266	**14/12/2020 16:00**	11.917	6.736	
267	**14/12/2020 17:00**	11.917	6.975	
268	**14/12/2020 18:00**	11.917	7.118	
269	**14/12/2020 19:00**	11.917	7.134	
270	**14/12/2020 20:00**	11.917	7.059	
271	**14/12/2020 21:00**	11.917	6.899	
272	**14/12/2020 22:00**	11.917	6.680	
273	**14/12/2020 23:00**	11.917	6.463	
274	**15/12/2020 00:00**	11.917	6.260	

Project.	**Harbour Point Bray**
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Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/12/2020 01:00**	11.865	6.133	
276	**15/12/2020 02:00**	11.917	6.163	
277	**15/12/2020 03:00**	11.917	6.362	
278	**15/12/2020 04:00**	11.865	6.648	
279	**15/12/2020 05:00**	11.917	6.936	
280	**15/12/2020 06:00**	11.865	7.121	
281	**15/12/2020 07:00**	11.917	7.185	
282	**15/12/2020 08:00**	11.917	7.136	
283	**15/12/2020 09:00**	11.917	6.980	
284	**15/12/2020 10:00**	11.917	6.788	
285	**15/12/2020 11:00**	11.917	6.535	
286	**15/12/2020 12:00**	11.917	6.302	
287	**15/12/2020 13:00**	11.917	6.147	
288	**15/12/2020 14:00**	11.917	6.121	
289	**15/12/2020 15:00**	11.865	6.258	
290	**15/12/2020 16:00**	11.917	6.551	
291	**15/12/2020 17:00**	11.917	6.840	
292	**15/12/2020 18:00**	11.917	7.069	
293	**15/12/2020 19:00**	11.917	7.178	
294	**15/12/2020 20:00**	11.917	7.217	
295	**15/12/2020 21:00**	11.917	7.103	
296	**15/12/2020 22:00**	11.917	6.919	
297	**15/12/2020 23:00**	11.917	6.714	
298	**16/12/2020 00:00**	11.917	6.495	
299	**16/12/2020 01:00**	11.917	6.252	
300	**16/12/2020 02:00**	11.865	6.140	
301	**16/12/2020 03:00**	11.917	6.176	
302	**16/12/2020 04:00**	11.917	6.323	
303	**16/12/2020 05:00**	11.917	6.588	
304	**16/12/2020 06:00**	11.969	6.817	
305	**16/12/2020 07:00**	11.917	6.955	
306	**16/12/2020 08:00**	11.917	7.006	
307	**16/12/2020 09:00**	11.917	6.956	
308	**16/12/2020 10:00**	11.917	6.803	

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Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 223**
Serial No.	**760780**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**08/10/2020 10:00**	11.814	2.189	
2	**08/10/2020 11:00**	11.814	2.183	
3	**08/10/2020 12:00**	11.814	2.141	
4	**08/10/2020 13:00**	11.814	2.022	
5	**08/10/2020 14:00**	11.762	1.880	
6	**08/10/2020 15:00**	11.814	1.740	
7	**08/10/2020 16:00**	11.814	1.595	
8	**08/10/2020 17:00**	11.867	1.538	
9	**08/10/2020 18:00**	11.867	1.590	
10	**08/10/2020 19:00**	11.867	1.722	
11	**08/10/2020 20:00**	11.762	1.915	
12	**08/10/2020 21:00**	11.867	2.085	
13	**08/10/2020 22:00**	11.814	2.199	
14	**08/10/2020 23:00**	11.762	2.241	
15	**09/10/2020 00:00**	11.709	2.185	
16	**09/10/2020 01:00**	11.867	2.070	
17	**09/10/2020 02:00**	11.814	1.942	
18	**09/10/2020 03:00**	11.709	1.766	
19	**09/10/2020 04:00**	11.762	1.639	
20	**09/10/2020 05:00**	11.814	1.527	
21	**09/10/2020 06:00**	11.762	1.512	
22	**09/10/2020 07:00**	11.762	1.612	
23	**09/10/2020 08:00**	11.867	1.771	
24	**09/10/2020 09:00**	11.709	1.938	
25	**09/10/2020 10:00**	11.762	2.081	
26	**09/10/2020 11:00**	11.814	2.141	
27	**09/10/2020 12:00**	11.762	2.119	
28	**09/10/2020 13:00**	11.867	2.056	
29	**09/10/2020 14:00**	11.867	1.919	
30	**09/10/2020 15:00**	11.657	1.795	
31	**09/10/2020 16:00**	11.709	1.687	
32	**09/10/2020 17:00**	11.709	1.565	
33	**09/10/2020 18:00**	11.867	1.483	
34	**09/10/2020 19:00**	11.762	1.583	
35	**09/10/2020 20:00**	11.814	1.709	
36	**09/10/2020 21:00**	11.867	1.888	
37	**09/10/2020 22:00**	11.919	2.064	
38	**09/10/2020 23:00**	11.867	2.185	
39	**10/10/2020 00:00**	11.657	2.243	
40	**10/10/2020 01:00**	11.919	2.219	
41	**10/10/2020 02:00**	11.709	2.152	
42	**10/10/2020 03:00**	11.709	2.027	
43	**10/10/2020 04:00**	11.867	1.902	
44	**10/10/2020 05:00**	11.709	1.784	
45	**10/10/2020 06:00**	11.867	1.704	
46	**10/10/2020 07:00**	11.657	1.692	
47	**10/10/2020 08:00**	11.867	1.754	
48	**10/10/2020 09:00**	11.867	1.874	
49	**10/10/2020 10:00**	11.709	2.006	
50	**10/10/2020 11:00**	11.657	2.109	
51	**10/10/2020 12:00**	11.867	2.146	
52	**10/10/2020 13:00**	11.867	2.159	
53	**10/10/2020 14:00**	11.762	2.091	
54	**10/10/2020 15:00**	11.814	2.007	

Project.	**Harbour Point Bray**
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Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 223**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**10/10/2020 16:00**	11.762	1.906	
56	**10/10/2020 17:00**	11.814	1.790	
57	**10/10/2020 18:00**	11.709	1.675	
58	**10/10/2020 19:00**	11.814	1.631	
59	**10/10/2020 20:00**	11.867	1.665	
60	**10/10/2020 21:00**	11.814	1.783	
61	**10/10/2020 22:00**	11.709	1.952	
62	**10/10/2020 23:00**	11.867	2.096	
63	**11/10/2020 00:00**	11.814	2.207	
64	**11/10/2020 01:00**	11.867	2.289	
65	**11/10/2020 02:00**	11.762	2.279	
66	**11/10/2020 03:00**	11.867	2.237	
67	**11/10/2020 04:00**	11.762	2.150	
68	**11/10/2020 05:00**	11.762	2.014	
69	**11/10/2020 06:00**	11.867	1.893	
70	**11/10/2020 07:00**	11.762	1.795	
71	**11/10/2020 08:00**	11.762	1.764	
72	**11/10/2020 09:00**	11.814	1.799	
73	**11/10/2020 10:00**	11.814	1.885	
74	**11/10/2020 11:00**	11.762	2.022	
75	**11/10/2020 12:00**	11.814	2.134	
76	**11/10/2020 13:00**	11.814	2.214	
77	**11/10/2020 14:00**	11.867	2.243	
78	**11/10/2020 15:00**	11.867	2.216	
79	**11/10/2020 16:00**	11.762	2.145	
80	**11/10/2020 17:00**	11.867	2.043	
81	**11/10/2020 18:00**	11.867	1.919	
82	**11/10/2020 19:00**	11.867	1.787	
83	**11/10/2020 20:00**	11.814	1.694	
84	**11/10/2020 21:00**	11.814	1.666	
85	**11/10/2020 22:00**	11.762	1.747	
86	**11/10/2020 23:00**	11.814	1.905	
87	**12/10/2020 00:00**	11.814	2.055	
88	**12/10/2020 01:00**	11.762	2.212	
89	**12/10/2020 02:00**	11.814	2.279	
90	**12/10/2020 03:00**	11.762	2.312	
91	**12/10/2020 04:00**	11.814	2.262	
92	**12/10/2020 05:00**	11.814	2.189	
93	**12/10/2020 06:00**	11.762	2.052	
94	**12/10/2020 07:00**	11.814	1.895	
95	**12/10/2020 08:00**	11.814	1.732	
96	**12/10/2020 09:00**	11.814	1.648	
97	**12/10/2020 10:00**	11.762	1.614	
98	**12/10/2020 11:00**	11.814	1.697	
99	**12/10/2020 12:00**	11.762	1.827	
100	**12/10/2020 13:00**	11.814	1.963	
101	**12/10/2020 14:00**	11.762	2.082	
102	**12/10/2020 15:00**	11.762	2.158	
103	**12/10/2020 16:00**	11.814	2.151	
104	**12/10/2020 17:00**	11.762	2.098	
105	**12/10/2020 18:00**	11.814	2.022	
106	**12/10/2020 19:00**	11.814	1.888	
107	**12/10/2020 20:00**	11.867	1.738	
108	**12/10/2020 21:00**	11.762	1.634	
109	**12/10/2020 22:00**	11.814	1.609	

Project.	**Harbour Point Bray**
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Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 223**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**12/10/2020 23:00**	11.814	1.690	
111	**13/10/2020 00:00**	11.814	1.858	
112	**13/10/2020 01:00**	11.814	2.057	
113	**13/10/2020 02:00**	11.762	2.233	
114	**13/10/2020 03:00**	11.814	2.355	
115	**13/10/2020 04:00**	11.814	2.393	
116	**13/10/2020 05:00**	11.814	2.346	
117	**13/10/2020 06:00**	11.814	2.239	
118	**13/10/2020 07:00**	11.814	2.071	
119	**13/10/2020 08:00**	11.762	1.890	
120	**13/10/2020 09:00**	11.814	1.716	
121	**13/10/2020 10:00**	11.814	1.610	
122	**13/10/2020 11:00**	11.814	1.599	
123	**13/10/2020 12:00**	11.814	1.714	
124	**13/10/2020 13:00**	11.814	1.910	
125	**13/10/2020 14:00**	11.814	2.109	
126	**13/10/2020 15:00**	11.814	2.263	
127	**13/10/2020 16:00**	11.814	2.324	
128	**13/10/2020 17:00**	11.762	2.321	
129	**13/10/2020 18:00**	11.814	2.239	
130	**13/10/2020 19:00**	11.814	2.069	
131	**13/10/2020 20:00**	11.814	1.880	
132	**13/10/2020 21:00**	11.814	1.711	
133	**13/10/2020 22:00**	11.814	1.578	
134	**13/10/2020 23:00**	11.762	1.527	
135	**14/10/2020 00:00**	11.814	1.637	
136	**14/10/2020 01:00**	11.814	1.846	
137	**14/10/2020 02:00**	11.814	2.094	
138	**14/10/2020 03:00**	11.814	2.298	
139	**14/10/2020 04:00**	11.814	2.416	
140	**14/10/2020 05:00**	11.814	2.443	
141	**14/10/2020 06:00**	11.814	2.412	
142	**14/10/2020 07:00**	11.814	2.258	
143	**14/10/2020 08:00**	11.814	2.058	
144	**14/10/2020 09:00**	11.762	1.862	
145	**14/10/2020 10:00**	11.814	1.659	
146	**14/10/2020 11:00**	11.814	1.570	
147	**14/10/2020 12:00**	11.814	1.584	
148	**14/10/2020 13:00**	11.762	1.782	
149	**14/10/2020 14:00**	11.814	2.052	
150	**14/10/2020 15:00**	11.814	2.318	
151	**14/10/2020 16:00**	11.762	2.488	
152	**14/10/2020 17:00**	11.814	2.558	
153	**14/10/2020 18:00**	11.814	2.512	
154	**14/10/2020 19:00**	11.814	2.345	
155	**14/10/2020 20:00**	11.814	2.138	
156	**14/10/2020 21:00**	11.762	1.904	
157	**14/10/2020 22:00**	11.814	1.682	
158	**14/10/2020 23:00**	11.867	1.566	
159	**15/10/2020 00:00**	11.814	1.585	
160	**15/10/2020 01:00**	11.814	1.751	
161	**15/10/2020 02:00**	11.762	2.034	
162	**15/10/2020 03:00**	11.814	2.310	
163	**15/10/2020 04:00**	11.814	2.509	
164	**15/10/2020 05:00**	11.814	2.611	

Project.	**Harbour Point Bray**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**15/10/2020 06:00**	11.814	2.591	
166	**15/10/2020 07:00**	11.814	2.469	
167	**15/10/2020 08:00**	11.814	2.249	
168	**15/10/2020 09:00**	11.814	1.975	
169	**15/10/2020 10:00**	11.814	1.726	
170	**15/10/2020 11:00**	11.814	1.528	
171	**15/10/2020 12:00**	11.814	1.451	
172	**15/10/2020 13:00**	11.814	1.539	
173	**15/10/2020 14:00**	11.762	1.774	
174	**15/10/2020 15:00**	11.762	2.077	
175	**15/10/2020 16:00**	11.814	2.310	
176	**15/10/2020 17:00**	11.814	2.439	
177	**15/10/2020 18:00**	11.814	2.469	
178	**15/10/2020 19:00**	11.814	2.355	
179	**15/10/2020 20:00**	11.762	2.161	
180	**15/10/2020 21:00**	11.867	1.868	
181	**15/10/2020 22:00**	11.762	1.613	
182	**15/10/2020 23:00**	11.814	1.396	
183	**16/10/2020 00:00**	11.814	1.298	
184	**16/10/2020 01:00**	11.814	1.349	
185	**16/10/2020 02:00**	11.814	1.622	
186	**16/10/2020 03:00**	11.814	1.954	
187	**16/10/2020 04:00**	11.814	2.254	
188	**16/10/2020 05:00**	11.814	2.458	
189	**16/10/2020 06:00**	11.814	2.550	
190	**16/10/2020 07:00**	11.814	2.505	
191	**16/10/2020 08:00**	11.814	2.315	
192	**16/10/2020 09:00**	11.814	2.043	
193	**16/10/2020 10:00**	11.762	1.745	
194	**16/10/2020 11:00**	11.814	1.508	
195	**16/10/2020 12:00**	11.762	1.326	
196	**16/10/2020 13:00**	11.814	1.317	
197	**16/10/2020 14:00**	11.762	1.505	
198	**16/10/2020 15:00**	11.814	1.797	
199	**16/10/2020 16:00**	11.814	2.134	
200	**16/10/2020 17:00**	11.814	2.354	
201	**16/10/2020 18:00**	11.814	2.474	
202	**16/10/2020 19:00**	11.814	2.424	
203	**16/10/2020 20:00**	11.814	2.261	
204	**16/10/2020 21:00**	11.814	1.957	
205	**16/10/2020 22:00**	11.814	1.662	
206	**16/10/2020 23:00**	11.814	1.383	
207	**17/10/2020 00:00**	11.814	1.187	
208	**17/10/2020 01:00**	11.814	1.135	
209	**17/10/2020 02:00**	11.814	1.269	
210	**17/10/2020 03:00**	11.814	1.608	
211	**17/10/2020 04:00**	11.814	1.969	
212	**17/10/2020 05:00**	11.814	2.266	
213	**17/10/2020 06:00**	11.814	2.452	
214	**17/10/2020 07:00**	11.814	2.499	
215	**17/10/2020 08:00**	11.814	2.395	
216	**17/10/2020 09:00**	11.814	2.173	
217	**17/10/2020 10:00**	11.814	1.856	
218	**17/10/2020 11:00**	11.814	1.539	
219	**17/10/2020 12:00**	11.814	1.302	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**17/10/2020 13:00**	11.814	1.173	
221	**17/10/2020 14:00**	11.814	1.227	
222	**17/10/2020 15:00**	11.814	1.485	
223	**17/10/2020 16:00**	11.814	1.856	
224	**17/10/2020 17:00**	11.814	2.187	
225	**17/10/2020 18:00**	11.814	2.383	
226	**17/10/2020 19:00**	11.814	2.437	
227	**17/10/2020 20:00**	11.814	2.375	
228	**17/10/2020 21:00**	11.814	2.139	
229	**17/10/2020 22:00**	11.814	1.811	
230	**17/10/2020 23:00**	11.814	1.529	
231	**18/10/2020 00:00**	11.814	1.245	
232	**18/10/2020 01:00**	11.814	1.064	
233	**18/10/2020 02:00**	11.814	1.069	
234	**18/10/2020 03:00**	11.814	1.272	
235	**18/10/2020 04:00**	11.814	1.659	
236	**18/10/2020 05:00**	11.814	2.034	
237	**18/10/2020 06:00**	11.814	2.338	
238	**18/10/2020 07:00**	11.814	2.458	
239	**18/10/2020 08:00**	11.814	2.464	
240	**18/10/2020 09:00**	11.814	2.327	
241	**18/10/2020 10:00**	11.814	2.051	
242	**18/10/2020 11:00**	11.814	1.720	
243	**18/10/2020 12:00**	11.814	1.444	
244	**18/10/2020 13:00**	11.814	1.224	
245	**18/10/2020 14:00**	11.814	1.137	
246	**18/10/2020 15:00**	11.814	1.228	
247	**18/10/2020 16:00**	11.814	1.563	
248	**18/10/2020 17:00**	11.814	1.924	
249	**18/10/2020 18:00**	11.814	2.232	
250	**18/10/2020 19:00**	11.814	2.383	
251	**18/10/2020 20:00**	11.814	2.422	
252	**18/10/2020 21:00**	11.814	2.308	
253	**18/10/2020 22:00**	11.814	2.015	
254	**18/10/2020 23:00**	11.814	1.693	
255	**19/10/2020 00:00**	11.814	1.396	
256	**19/10/2020 01:00**	11.814	1.138	
257	**19/10/2020 02:00**	11.814	0.980	
258	**19/10/2020 03:00**	11.814	1.042	
259	**19/10/2020 04:00**	11.814	1.279	
260	**19/10/2020 05:00**	11.814	1.674	
261	**19/10/2020 06:00**	11.814	2.031	
262	**19/10/2020 07:00**	11.814	2.262	
263	**19/10/2020 08:00**	11.814	2.374	
264	**19/10/2020 09:00**	11.814	2.363	
265	**19/10/2020 10:00**	11.814	2.160	
266	**19/10/2020 11:00**	11.814	1.865	
267	**19/10/2020 12:00**	11.814	1.565	
268	**19/10/2020 13:00**	11.814	1.274	
269	**19/10/2020 14:00**	11.814	1.081	
270	**19/10/2020 15:00**	11.814	1.030	
271	**19/10/2020 16:00**	11.814	1.197	
272	**19/10/2020 17:00**	11.814	1.536	
273	**19/10/2020 18:00**	11.814	1.893	
274	**19/10/2020 19:00**	11.814	2.153	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**19/10/2020 20:00**	11.814	2.290	
276	**19/10/2020 21:00**	11.814	2.289	
277	**19/10/2020 22:00**	11.814	2.107	
278	**19/10/2020 23:00**	11.814	1.835	
279	**20/10/2020 00:00**	11.814	1.497	
280	**20/10/2020 01:00**	11.814	1.217	
281	**20/10/2020 02:00**	11.814	0.968	
282	**20/10/2020 03:00**	11.814	0.853	
283	**20/10/2020 04:00**	11.814	0.906	
284	**20/10/2020 05:00**	11.814	1.191	
285	**20/10/2020 06:00**	11.814	1.567	
286	**20/10/2020 07:00**	11.814	1.894	
287	**20/10/2020 08:00**	11.814	2.111	
288	**20/10/2020 09:00**	11.814	2.178	
289	**20/10/2020 10:00**	11.814	2.096	
290	**20/10/2020 11:00**	11.814	1.881	
291	**20/10/2020 12:00**	11.814	1.607	
292	**20/10/2020 13:00**	11.814	1.299	
293	**20/10/2020 14:00**	11.814	1.050	
294	**20/10/2020 15:00**	11.814	0.868	
295	**20/10/2020 16:00**	11.814	0.871	
296	**20/10/2020 17:00**	11.814	1.068	
297	**20/10/2020 18:00**	11.814	1.424	
298	**20/10/2020 19:00**	11.814	1.760	
299	**20/10/2020 20:00**	11.814	2.028	
300	**20/10/2020 21:00**	11.814	2.153	
301	**20/10/2020 22:00**	11.814	2.153	
302	**20/10/2020 23:00**	11.814	2.021	
303	**21/10/2020 00:00**	11.814	1.809	
304	**21/10/2020 01:00**	11.814	1.537	
305	**21/10/2020 02:00**	11.814	1.297	
306	**21/10/2020 03:00**	11.814	1.108	
307	**21/10/2020 04:00**	11.814	1.007	
308	**21/10/2020 05:00**	11.814	1.082	
309	**21/10/2020 06:00**	11.814	1.345	
310	**21/10/2020 07:00**	11.814	1.666	
311	**21/10/2020 08:00**	11.814	1.956	
312	**21/10/2020 09:00**	11.814	2.126	
313	**21/10/2020 10:00**	11.814	2.182	
314	**21/10/2020 11:00**	11.814	2.088	
315	**21/10/2020 12:00**	11.814	1.930	
316	**21/10/2020 13:00**	11.814	1.691	
317	**21/10/2020 14:00**	11.814	1.421	
318	**21/10/2020 15:00**	11.814	1.218	
319	**21/10/2020 16:00**	11.814	1.080	
320	**21/10/2020 17:00**	11.814	1.106	
321	**21/10/2020 18:00**	11.814	1.285	
322	**21/10/2020 19:00**	11.814	1.573	
323	**21/10/2020 20:00**	11.814	1.883	
324	**21/10/2020 21:00**	11.814	2.093	
325	**21/10/2020 22:00**	11.814	2.205	
326	**21/10/2020 23:00**	11.814	2.214	
327	**22/10/2020 00:00**	11.814	2.101	
328	**22/10/2020 01:00**	11.814	1.933	
329	**22/10/2020 02:00**	11.814	1.716	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**22/10/2020 03:00**	11.814	1.505	
331	**22/10/2020 04:00**	11.814	1.316	
332	**22/10/2020 05:00**	11.814	1.257	
333	**22/10/2020 06:00**	11.814	1.322	
334	**22/10/2020 07:00**	11.814	1.522	
335	**22/10/2020 08:00**	11.814	1.791	
336	**22/10/2020 09:00**	11.814	2.005	
337	**22/10/2020 10:00**	11.814	2.140	
338	**22/10/2020 11:00**	11.814	2.188	
339	**22/10/2020 12:00**	11.814	2.097	
340	**22/10/2020 13:00**	11.814	1.953	
341	**22/10/2020 14:00**	11.814	1.754	
342	**22/10/2020 15:00**	11.814	1.555	
343	**22/10/2020 16:00**	11.814	1.348	
344	**22/10/2020 17:00**	11.814	1.235	
345	**22/10/2020 18:00**	11.814	1.274	
346	**22/10/2020 19:00**	11.814	1.424	
347	**22/10/2020 20:00**	11.814	1.673	
348	**22/10/2020 21:00**	11.814	1.933	
349	**22/10/2020 22:00**	11.762	2.111	
350	**22/10/2020 23:00**	11.814	2.220	
351	**23/10/2020 00:00**	11.814	2.231	
352	**23/10/2020 01:00**	11.814	2.138	
353	**23/10/2020 02:00**	11.814	1.994	
354	**23/10/2020 03:00**	11.814	1.812	
355	**23/10/2020 04:00**	11.814	1.613	
356	**23/10/2020 05:00**	11.814	1.431	
357	**23/10/2020 06:00**	11.762	1.318	
358	**23/10/2020 07:00**	11.814	1.340	
359	**23/10/2020 08:00**	11.814	1.481	
360	**23/10/2020 09:00**	11.814	1.690	
361	**23/10/2020 10:00**	11.867	1.864	
362	**23/10/2020 11:00**	11.814	2.001	
363	**23/10/2020 12:00**	11.814	2.054	
364	**23/10/2020 13:00**	11.814	2.002	
365	**23/10/2020 14:00**	11.814	1.875	
366	**23/10/2020 15:00**	11.814	1.739	
367	**23/10/2020 16:00**	11.814	1.556	
368	**23/10/2020 17:00**	11.814	1.404	
369	**23/10/2020 18:00**	11.814	1.296	
370	**23/10/2020 19:00**	11.814	1.302	
371	**23/10/2020 20:00**	11.814	1.415	
372	**23/10/2020 21:00**	11.762	1.633	
373	**23/10/2020 22:00**	11.814	1.855	
374	**23/10/2020 23:00**	11.762	2.033	
375	**24/10/2020 00:00**	11.814	2.134	
376	**24/10/2020 01:00**	11.814	2.148	
377	**24/10/2020 02:00**	11.814	2.129	
378	**24/10/2020 03:00**	11.814	2.023	
379	**24/10/2020 04:00**	11.814	1.877	
380	**24/10/2020 05:00**	11.814	1.691	
381	**24/10/2020 06:00**	11.814	1.525	
382	**24/10/2020 07:00**	11.814	1.379	
383	**24/10/2020 08:00**	11.814	1.317	
384	**24/10/2020 09:00**	11.814	1.385	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**24/10/2020 10:00**	11.814	1.494	
386	**24/10/2020 11:00**	11.814	1.612	
387	**24/10/2020 12:00**	11.814	1.727	
388	**24/10/2020 13:00**	11.814	1.768	
389	**24/10/2020 14:00**	11.814	1.776	
390	**24/10/2020 15:00**	11.814	1.713	
391	**24/10/2020 16:00**	11.814	1.582	
392	**24/10/2020 17:00**	11.814	1.430	
393	**24/10/2020 18:00**	11.814	1.276	
394	**24/10/2020 19:00**	11.814	1.206	
395	**24/10/2020 20:00**	11.814	1.177	
396	**24/10/2020 21:00**	11.814	1.276	
397	**24/10/2020 22:00**	11.814	1.453	
398	**24/10/2020 23:00**	11.814	1.660	
399	**25/10/2020 00:00**	11.814	1.863	
400	**25/10/2020 01:00**	11.814	1.977	
401	**25/10/2020 02:00**	11.814	2.032	
402	**25/10/2020 02:00**	11.814	2.048	
403	**25/10/2020 03:00**	11.814	1.963	
404	**25/10/2020 04:00**	11.814	1.836	
405	**25/10/2020 05:00**	11.814	1.671	
406	**25/10/2020 06:00**	11.814	1.489	
407	**25/10/2020 07:00**	11.814	1.371	
408	**25/10/2020 08:00**	11.814	1.290	
409	**25/10/2020 09:00**	11.814	1.342	
410	**25/10/2020 10:00**	11.814	1.481	
411	**25/10/2020 11:00**	11.814	1.640	
412	**25/10/2020 12:00**	11.814	1.778	
413	**25/10/2020 13:00**	11.814	1.865	
414	**25/10/2020 14:00**	11.814	1.889	
415	**25/10/2020 15:00**	11.814	1.836	
416	**25/10/2020 16:00**	11.814	1.730	
417	**25/10/2020 17:00**	11.814	1.578	
418	**25/10/2020 18:00**	11.814	1.420	
419	**25/10/2020 19:00**	11.762	1.263	
420	**25/10/2020 20:00**	11.814	1.180	
421	**25/10/2020 21:00**	11.814	1.235	
422	**25/10/2020 22:00**	11.814	1.368	
423	**25/10/2020 23:00**	11.814	1.583	
424	**26/10/2020 00:00**	11.814	1.789	
425	**26/10/2020 01:00**	11.814	1.952	
426	**26/10/2020 02:00**	11.814	2.047	
427	**26/10/2020 03:00**	11.814	2.084	
428	**26/10/2020 04:00**	11.814	2.037	
429	**26/10/2020 05:00**	11.814	1.949	
430	**26/10/2020 06:00**	11.814	1.800	
431	**26/10/2020 07:00**	11.814	1.614	
432	**26/10/2020 08:00**	11.814	1.447	
433	**26/10/2020 09:00**	11.762	1.377	
434	**26/10/2020 10:00**	11.814	1.403	
435	**26/10/2020 11:00**	11.814	1.525	
436	**26/10/2020 12:00**	11.814	1.722	
437	**26/10/2020 13:00**	11.814	1.878	
438	**26/10/2020 14:00**	11.814	2.001	
439	**26/10/2020 15:00**	11.814	2.035	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**26/10/2020 16:00**	11.814	1.988	
441	**26/10/2020 17:00**	11.814	1.882	
442	**26/10/2020 18:00**	11.762	1.717	
443	**26/10/2020 19:00**	11.814	1.557	
444	**26/10/2020 20:00**	11.814	1.425	
445	**26/10/2020 21:00**	11.814	1.354	
446	**26/10/2020 22:00**	11.814	1.384	
447	**26/10/2020 23:00**	11.814	1.536	
448	**27/10/2020 00:00**	11.814	1.732	
449	**27/10/2020 01:00**	11.814	1.950	
450	**27/10/2020 02:00**	11.814	2.116	
451	**27/10/2020 03:00**	11.814	2.201	
452	**27/10/2020 04:00**	11.814	2.224	
453	**27/10/2020 05:00**	11.814	2.137	
454	**27/10/2020 06:00**	11.814	1.994	
455	**27/10/2020 07:00**	11.814	1.792	
456	**27/10/2020 08:00**	11.814	1.581	
457	**27/10/2020 09:00**	11.814	1.404	
458	**27/10/2020 10:00**	11.814	1.335	
459	**27/10/2020 11:00**	11.814	1.359	
460	**27/10/2020 12:00**	11.814	1.521	
461	**27/10/2020 13:00**	11.814	1.723	
462	**27/10/2020 14:00**	11.814	1.880	
463	**27/10/2020 15:00**	11.814	1.992	
464	**27/10/2020 16:00**	11.814	1.997	
465	**27/10/2020 17:00**	11.814	1.904	
466	**27/10/2020 18:00**	11.814	1.755	
467	**27/10/2020 19:00**	11.814	1.528	
468	**27/10/2020 20:00**	11.814	1.327	
469	**27/10/2020 21:00**	11.814	1.197	
470	**27/10/2020 22:00**	11.814	1.130	
471	**27/10/2020 23:00**	11.814	1.168	
472	**28/10/2020 00:00**	11.814	1.363	
473	**28/10/2020 01:00**	11.814	1.616	
474	**28/10/2020 02:00**	11.762	1.857	
475	**28/10/2020 03:00**	11.814	2.042	
476	**28/10/2020 04:00**	11.814	2.105	
477	**28/10/2020 05:00**	11.814	2.087	
478	**28/10/2020 06:00**	11.814	1.985	
479	**28/10/2020 07:00**	11.814	1.810	
480	**28/10/2020 08:00**	11.814	1.611	
481	**28/10/2020 09:00**	11.814	1.410	
482	**28/10/2020 10:00**	11.814	1.254	
483	**28/10/2020 11:00**	11.814	1.232	
484	**28/10/2020 12:00**	11.814	1.345	
485	**28/10/2020 13:00**	11.814	1.553	
486	**28/10/2020 14:00**	11.814	1.785	
487	**28/10/2020 15:00**	11.762	1.960	
488	**28/10/2020 16:00**	11.814	2.051	
489	**28/10/2020 17:00**	11.814	2.014	
490	**28/10/2020 18:00**	11.814	1.889	
491	**28/10/2020 19:00**	11.814	1.715	
492	**28/10/2020 20:00**	11.814	1.494	
493	**28/10/2020 21:00**	11.814	1.315	
494	**28/10/2020 22:00**	11.814	1.176	

Project.	**Harbour Point Bray**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**28/10/2020 23:00**	11.814	1.150	
496	**29/10/2020 00:00**	11.814	1.264	
497	**29/10/2020 01:00**	11.814	1.531	
498	**29/10/2020 02:00**	11.814	1.782	
499	**29/10/2020 03:00**	11.814	2.022	
500	**29/10/2020 04:00**	11.762	2.141	
501	**29/10/2020 05:00**	11.814	2.186	
502	**29/10/2020 06:00**	11.814	2.126	
503	**29/10/2020 07:00**	11.814	1.972	
504	**29/10/2020 08:00**	11.814	1.766	
505	**29/10/2020 09:00**	11.814	1.534	
506	**29/10/2020 10:00**	11.814	1.372	
507	**29/10/2020 11:00**	11.814	1.252	
508	**29/10/2020 12:00**	11.814	1.284	
509	**29/10/2020 13:00**	11.814	1.463	
510	**29/10/2020 14:00**	11.814	1.696	
511	**29/10/2020 15:00**	11.814	1.929	
512	**29/10/2020 16:00**	11.814	2.049	
513	**29/10/2020 17:00**	11.814	2.067	
514	**29/10/2020 18:00**	11.814	1.983	
515	**29/10/2020 19:00**	11.814	1.818	
516	**29/10/2020 20:00**	11.814	1.576	
517	**29/10/2020 21:00**	11.814	1.359	
518	**29/10/2020 22:00**	11.814	1.159	
519	**29/10/2020 23:00**	11.814	1.057	
520	**30/10/2020 00:00**	11.814	1.079	
521	**30/10/2020 01:00**	11.762	1.251	
522	**30/10/2020 02:00**	11.814	1.537	
523	**30/10/2020 03:00**	11.814	1.825	
524	**30/10/2020 04:00**	11.762	2.023	
525	**30/10/2020 05:00**	11.814	2.098	
526	**30/10/2020 06:00**	11.814	2.092	
527	**30/10/2020 07:00**	11.814	1.973	
528	**30/10/2020 08:00**	11.814	1.774	
529	**30/10/2020 09:00**	11.814	1.567	
530	**30/10/2020 10:00**	11.814	1.377	
531	**30/10/2020 11:00**	11.814	1.238	
532	**30/10/2020 12:00**	11.814	1.195	
533	**30/10/2020 13:00**	11.814	1.330	
534	**30/10/2020 14:00**	11.814	1.589	
535	**30/10/2020 15:00**	11.814	1.875	
536	**30/10/2020 16:00**	11.814	2.114	
537	**30/10/2020 17:00**	11.814	2.210	
538	**30/10/2020 18:00**	11.814	2.201	
539	**30/10/2020 19:00**	11.814	2.087	
540	**30/10/2020 20:00**	11.814	1.866	
541	**30/10/2020 21:00**	11.814	1.629	
542	**30/10/2020 22:00**	11.814	1.415	
543	**30/10/2020 23:00**	11.814	1.230	
544	**31/10/2020 00:00**	11.814	1.143	
545	**31/10/2020 01:00**	11.814	1.228	
546	**31/10/2020 02:00**	11.814	1.465	
547	**31/10/2020 03:00**	11.814	1.755	
548	**31/10/2020 04:00**	11.814	1.987	
549	**31/10/2020 05:00**	11.814	2.132	

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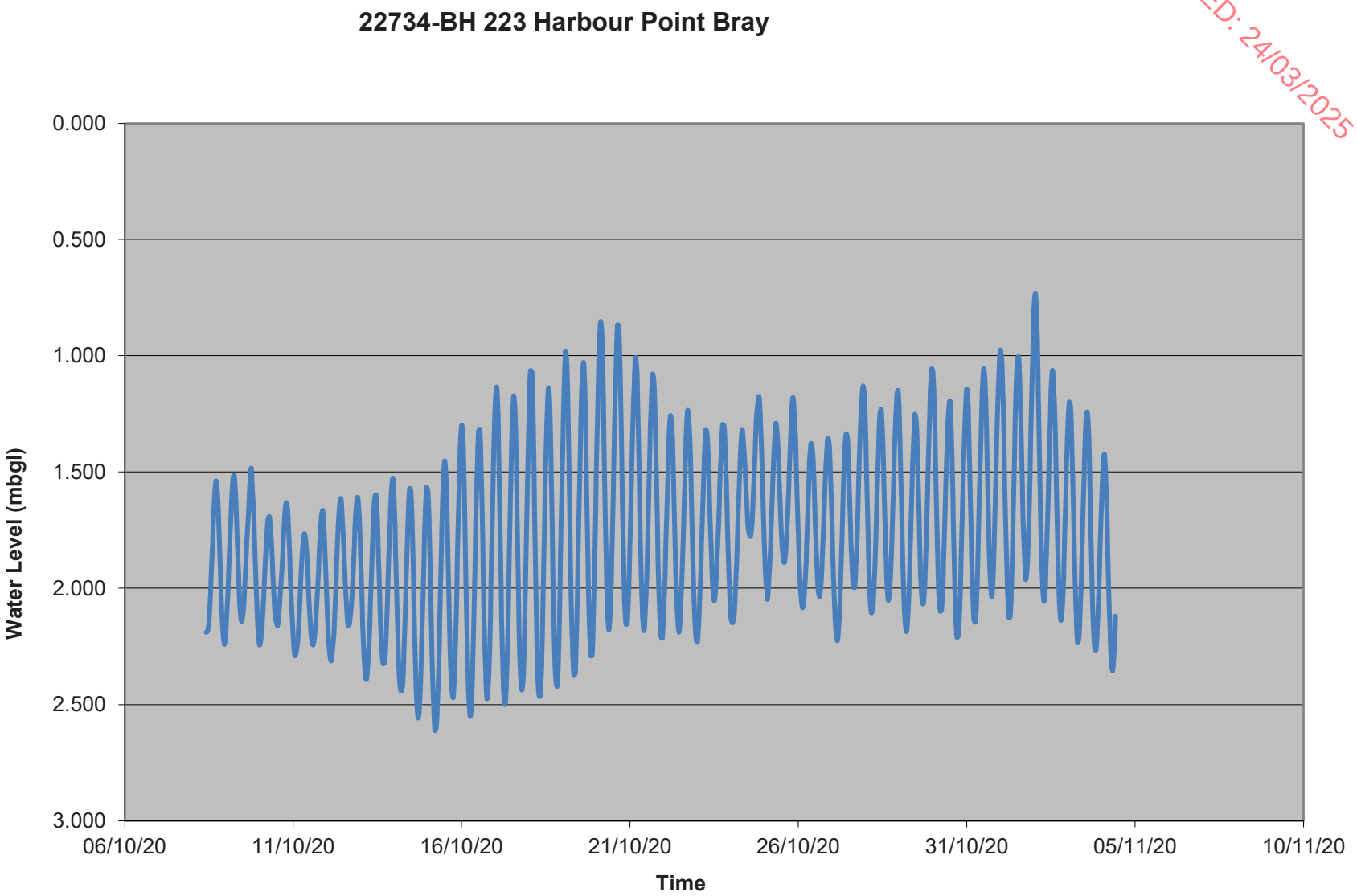
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**31/10/2020 06:00**	11.814	2.145	
551	**31/10/2020 07:00**	11.814	2.060	
552	**31/10/2020 08:00**	11.814	1.837	
553	**31/10/2020 09:00**	11.814	1.584	
554	**31/10/2020 10:00**	11.814	1.363	
555	**31/10/2020 11:00**	11.867	1.151	
556	**31/10/2020 12:00**	11.814	1.056	
557	**31/10/2020 13:00**	11.814	1.108	
558	**31/10/2020 14:00**	11.814	1.317	
559	**31/10/2020 15:00**	11.814	1.589	
560	**31/10/2020 16:00**	11.814	1.837	
561	**31/10/2020 17:00**	11.814	1.991	
562	**31/10/2020 18:00**	11.814	2.035	
563	**31/10/2020 19:00**	11.814	1.907	
564	**31/10/2020 20:00**	11.814	1.702	
565	**31/10/2020 21:00**	11.814	1.438	
566	**31/10/2020 22:00**	11.814	1.223	
567	**31/10/2020 23:00**	11.814	1.050	
568	**01/11/2020 00:00**	11.814	0.975	
569	**01/11/2020 01:00**	11.814	1.033	
570	**01/11/2020 02:00**	11.814	1.223	
571	**01/11/2020 03:00**	11.814	1.526	
572	**01/11/2020 04:00**	11.814	1.802	
573	**01/11/2020 05:00**	11.814	2.005	
574	**01/11/2020 06:00**	11.814	2.125	
575	**01/11/2020 07:00**	11.814	2.121	
576	**01/11/2020 08:00**	11.814	1.956	
577	**01/11/2020 09:00**	11.814	1.701	
578	**01/11/2020 10:00**	11.814	1.419	
579	**01/11/2020 11:00**	11.814	1.152	
580	**01/11/2020 12:00**	11.814	1.011	
581	**01/11/2020 13:00**	11.814	1.005	
582	**01/11/2020 14:00**	11.814	1.163	
583	**01/11/2020 15:00**	11.814	1.407	
584	**01/11/2020 16:00**	11.814	1.677	
585	**01/11/2020 17:00**	11.814	1.847	
586	**01/11/2020 18:00**	11.814	1.961	
587	**01/11/2020 19:00**	11.814	1.909	
588	**01/11/2020 20:00**	11.814	1.766	
589	**01/11/2020 21:00**	11.814	1.522	
590	**01/11/2020 22:00**	11.814	1.230	
591	**01/11/2020 23:00**	11.814	0.975	
592	**02/11/2020 00:00**	11.814	0.775	
593	**02/11/2020 01:00**	11.867	0.731	
594	**02/11/2020 02:00**	11.814	0.872	
595	**02/11/2020 03:00**	11.814	1.155	
596	**02/11/2020 04:00**	11.762	1.517	
597	**02/11/2020 05:00**	11.814	1.797	
598	**02/11/2020 06:00**	11.814	1.993	
599	**02/11/2020 07:00**	11.814	2.057	
600	**02/11/2020 08:00**	11.814	1.986	
601	**02/11/2020 09:00**	11.814	1.802	
602	**02/11/2020 10:00**	11.814	1.594	
603	**02/11/2020 11:00**	11.814	1.373	
604	**02/11/2020 12:00**	11.814	1.158	

Project.	**Harbour Point Bray**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**02/11/2020 13:00**	11.814	1.062	
606	**02/11/2020 14:00**	11.814	1.137	
607	**02/11/2020 15:00**	11.814	1.318	
608	**02/11/2020 16:00**	11.814	1.601	
609	**02/11/2020 17:00**	11.814	1.884	
610	**02/11/2020 18:00**	11.814	2.063	
611	**02/11/2020 19:00**	11.814	2.138	
612	**02/11/2020 20:00**	11.814	2.092	
613	**02/11/2020 21:00**	11.814	1.941	
614	**02/11/2020 22:00**	11.814	1.713	
615	**02/11/2020 23:00**	11.814	1.498	
616	**03/11/2020 00:00**	11.814	1.290	
617	**03/11/2020 01:00**	11.814	1.199	
618	**03/11/2020 02:00**	11.814	1.223	
619	**03/11/2020 03:00**	11.814	1.409	
620	**03/11/2020 04:00**	11.814	1.678	
621	**03/11/2020 05:00**	11.814	1.927	
622	**03/11/2020 06:00**	11.814	2.133	
623	**03/11/2020 07:00**	11.814	2.233	
624	**03/11/2020 08:00**	11.814	2.205	
625	**03/11/2020 09:00**	11.814	2.061	
626	**03/11/2020 10:00**	11.814	1.876	
627	**03/11/2020 11:00**	11.814	1.625	
628	**03/11/2020 12:00**	11.814	1.424	
629	**03/11/2020 13:00**	11.867	1.258	
630	**03/11/2020 14:00**	11.814	1.242	
631	**03/11/2020 15:00**	11.814	1.364	
632	**03/11/2020 16:00**	11.814	1.643	
633	**03/11/2020 17:00**	11.814	1.927	
634	**03/11/2020 18:00**	11.814	2.137	
635	**03/11/2020 19:00**	11.814	2.254	
636	**03/11/2020 20:00**	11.814	2.266	
637	**03/11/2020 21:00**	11.814	2.183	
638	**03/11/2020 22:00**	11.814	2.019	
639	**03/11/2020 23:00**	11.814	1.826	
640	**04/11/2020 00:00**	11.814	1.628	
641	**04/11/2020 01:00**	11.814	1.493	
642	**04/11/2020 02:00**	11.814	1.422	
643	**04/11/2020 03:00**	11.814	1.515	
644	**04/11/2020 04:00**	11.814	1.730	
645	**04/11/2020 05:00**	11.814	1.986	
646	**04/11/2020 06:00**	11.814	2.183	
647	**04/11/2020 07:00**	11.814	2.328	
648	**04/11/2020 08:00**	11.814	2.354	
649	**04/11/2020 09:00**	11.814	2.269	
650	**04/11/2020 10:00**	11.814	2.119	

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Engineer.	**Atkins**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**04/11/2020 13:00**	11.867	1.845	
2	**04/11/2020 14:00**	11.814	1.715	
3	**04/11/2020 15:00**	11.814	1.602	
4	**04/11/2020 16:00**	11.814	1.635	
5	**04/11/2020 17:00**	11.814	1.830	
6	**04/11/2020 18:00**	11.814	2.078	
7	**04/11/2020 19:00**	11.867	2.317	
8	**04/11/2020 20:00**	11.814	2.480	
9	**04/11/2020 21:00**	11.814	2.572	
10	**04/11/2020 22:00**	11.814	2.558	
11	**04/11/2020 23:00**	11.814	2.448	
12	**05/11/2020 00:00**	11.814	2.274	
13	**05/11/2020 01:00**	11.814	2.097	
14	**05/11/2020 02:00**	11.814	1.908	
15	**05/11/2020 03:00**	11.814	1.775	
16	**05/11/2020 04:00**	11.814	1.747	
17	**05/11/2020 05:00**	11.814	1.855	
18	**05/11/2020 06:00**	11.814	2.057	
19	**05/11/2020 07:00**	11.814	2.262	
20	**05/11/2020 08:00**	11.814	2.423	
21	**05/11/2020 09:00**	11.814	2.512	
22	**05/11/2020 10:00**	11.814	2.501	
23	**05/11/2020 11:00**	11.814	2.394	
24	**05/11/2020 12:00**	11.814	2.217	
25	**05/11/2020 13:00**	11.814	2.032	
26	**05/11/2020 14:00**	11.814	1.849	
27	**05/11/2020 15:00**	11.814	1.710	
28	**05/11/2020 16:00**	11.814	1.669	
29	**05/11/2020 17:00**	11.814	1.747	
30	**05/11/2020 18:00**	11.814	1.962	
31	**05/11/2020 19:00**	11.814	2.193	
32	**05/11/2020 20:00**	11.814	2.383	
33	**05/11/2020 21:00**	11.867	2.521	
34	**05/11/2020 22:00**	11.814	2.563	
35	**05/11/2020 23:00**	11.814	2.509	
36	**06/11/2020 00:00**	11.814	2.354	
37	**06/11/2020 01:00**	11.814	2.178	
38	**06/11/2020 02:00**	11.814	1.982	
39	**06/11/2020 03:00**	11.814	1.822	
40	**06/11/2020 04:00**	11.814	1.714	
41	**06/11/2020 05:00**	11.814	1.719	
42	**06/11/2020 06:00**	11.814	1.855	
43	**06/11/2020 07:00**	11.814	2.054	
44	**06/11/2020 08:00**	11.814	2.270	
45	**06/11/2020 09:00**	11.814	2.386	
46	**06/11/2020 10:00**	11.814	2.441	
47	**06/11/2020 11:00**	11.814	2.430	
48	**06/11/2020 12:00**	11.814	2.309	
49	**06/11/2020 13:00**	11.814	2.148	
50	**06/11/2020 14:00**	11.814	1.974	
51	**06/11/2020 15:00**	11.814	1.816	
52	**06/11/2020 16:00**	11.814	1.684	
53	**06/11/2020 17:00**	11.814	1.659	
54	**06/11/2020 18:00**	11.814	1.763	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**06/11/2020 19:00**	11.814	1.934	
56	**06/11/2020 20:00**	11.814	2.162	
57	**06/11/2020 21:00**	11.814	2.335	
58	**06/11/2020 22:00**	11.814	2.414	
59	**06/11/2020 23:00**	11.814	2.441	
60	**07/11/2020 00:00**	11.814	2.358	
61	**07/11/2020 01:00**	11.814	2.232	
62	**07/11/2020 02:00**	11.814	2.076	
63	**07/11/2020 03:00**	11.814	1.918	
64	**07/11/2020 04:00**	11.814	1.776	
65	**07/11/2020 05:00**	11.814	1.694	
66	**07/11/2020 06:00**	11.814	1.733	
67	**07/11/2020 07:00**	11.814	1.852	
68	**07/11/2020 08:00**	11.814	2.037	
69	**07/11/2020 09:00**	11.814	2.240	
70	**07/11/2020 10:00**	11.814	2.336	
71	**07/11/2020 11:00**	11.814	2.396	
72	**07/11/2020 12:00**	11.814	2.325	
73	**07/11/2020 13:00**	11.814	2.228	
74	**07/11/2020 14:00**	11.814	2.046	
75	**07/11/2020 15:00**	11.814	1.897	
76	**07/11/2020 16:00**	11.814	1.745	
77	**07/11/2020 17:00**	11.814	1.625	
78	**07/11/2020 18:00**	11.814	1.595	
79	**07/11/2020 19:00**	11.814	1.715	
80	**07/11/2020 20:00**	11.814	1.898	
81	**07/11/2020 21:00**	11.814	2.100	
82	**07/11/2020 22:00**	11.814	2.265	
83	**07/11/2020 23:00**	11.814	2.372	
84	**08/11/2020 00:00**	11.814	2.404	
85	**08/11/2020 01:00**	11.814	2.363	
86	**08/11/2020 02:00**	11.814	2.281	
87	**08/11/2020 03:00**	11.814	2.145	
88	**08/11/2020 04:00**	11.814	1.988	
89	**08/11/2020 05:00**	11.814	1.843	
90	**08/11/2020 06:00**	11.814	1.755	
91	**08/11/2020 07:00**	11.814	1.761	
92	**08/11/2020 08:00**	11.814	1.876	
93	**08/11/2020 09:00**	11.814	2.053	
94	**08/11/2020 10:00**	11.814	2.190	
95	**08/11/2020 11:00**	11.814	2.280	
96	**08/11/2020 12:00**	11.814	2.323	
97	**08/11/2020 13:00**	11.814	2.278	
98	**08/11/2020 14:00**	11.814	2.176	
99	**08/11/2020 15:00**	11.814	2.046	
100	**08/11/2020 16:00**	11.814	1.918	
101	**08/11/2020 17:00**	11.814	1.771	
102	**08/11/2020 18:00**	11.814	1.669	
103	**08/11/2020 19:00**	11.814	1.649	
104	**08/11/2020 20:00**	11.814	1.742	
105	**08/11/2020 21:00**	11.814	1.907	
106	**08/11/2020 22:00**	11.814	2.114	
107	**08/11/2020 23:00**	11.814	2.278	
108	**09/11/2020 00:00**	11.814	2.391	
109	**09/11/2020 01:00**	11.814	2.427	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**09/11/2020 02:00**	11.814	2.398	
111	**09/11/2020 03:00**	11.814	2.319	
112	**09/11/2020 04:00**	11.814	2.157	
113	**09/11/2020 05:00**	11.814	2.030	
114	**09/11/2020 06:00**	11.814	1.861	
115	**09/11/2020 07:00**	11.814	1.736	
116	**09/11/2020 08:00**	11.814	1.732	
117	**09/11/2020 09:00**	11.814	1.814	
118	**09/11/2020 10:00**	11.814	1.972	
119	**09/11/2020 11:00**	11.814	2.106	
120	**09/11/2020 12:00**	11.814	2.224	
121	**09/11/2020 13:00**	11.814	2.289	
122	**09/11/2020 14:00**	11.814	2.274	
123	**09/11/2020 15:00**	11.814	2.206	
124	**09/11/2020 16:00**	11.814	2.094	
125	**09/11/2020 17:00**	11.814	1.957	
126	**09/11/2020 18:00**	11.814	1.821	
127	**09/11/2020 19:00**	11.814	1.678	
128	**09/11/2020 20:00**	11.814	1.627	
129	**09/11/2020 21:00**	11.814	1.691	
130	**09/11/2020 22:00**	11.814	1.844	
131	**09/11/2020 23:00**	11.814	2.055	
132	**10/11/2020 00:00**	11.814	2.233	
133	**10/11/2020 01:00**	11.814	2.376	
134	**10/11/2020 02:00**	11.814	2.444	
135	**10/11/2020 03:00**	11.814	2.415	
136	**10/11/2020 04:00**	11.814	2.353	
137	**10/11/2020 05:00**	11.814	2.239	
138	**10/11/2020 06:00**	11.814	2.083	
139	**10/11/2020 07:00**	11.814	1.908	
140	**10/11/2020 08:00**	11.814	1.774	
141	**10/11/2020 09:00**	11.814	1.721	
142	**10/11/2020 10:00**	11.814	1.783	
143	**10/11/2020 11:00**	11.814	1.941	
144	**10/11/2020 12:00**	11.814	2.086	
145	**10/11/2020 13:00**	11.814	2.231	
146	**10/11/2020 14:00**	11.814	2.321	
147	**10/11/2020 15:00**	11.814	2.353	
148	**10/11/2020 16:00**	11.814	2.301	
149	**10/11/2020 17:00**	11.814	2.171	
150	**10/11/2020 18:00**	11.814	2.037	
151	**10/11/2020 19:00**	11.814	1.868	
152	**10/11/2020 20:00**	11.814	1.698	
153	**10/11/2020 21:00**	11.814	1.620	
154	**10/11/2020 22:00**	11.814	1.640	
155	**10/11/2020 23:00**	11.814	1.826	
156	**11/11/2020 00:00**	11.814	2.028	
157	**11/11/2020 01:00**	11.814	2.233	
158	**11/11/2020 02:00**	11.814	2.374	
159	**11/11/2020 03:00**	11.814	2.462	
160	**11/11/2020 04:00**	11.814	2.445	
161	**11/11/2020 05:00**	11.814	2.353	
162	**11/11/2020 06:00**	11.814	2.189	
163	**11/11/2020 07:00**	11.814	2.001	
164	**11/11/2020 08:00**	11.814	1.794	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**11/11/2020 09:00**	11.814	1.628	
166	**11/11/2020 10:00**	11.814	1.559	
167	**11/11/2020 11:00**	11.814	1.629	
168	**11/11/2020 12:00**	11.814	1.799	
169	**11/11/2020 13:00**	11.814	2.002	
170	**11/11/2020 14:00**	11.814	2.154	
171	**11/11/2020 15:00**	11.814	2.248	
172	**11/11/2020 16:00**	11.814	2.241	
173	**11/11/2020 17:00**	11.814	2.155	
174	**11/11/2020 18:00**	11.814	1.990	
175	**11/11/2020 19:00**	11.814	1.803	
176	**11/11/2020 20:00**	11.814	1.563	
177	**11/11/2020 21:00**	11.814	1.384	
178	**11/11/2020 22:00**	11.814	1.305	
179	**11/11/2020 23:00**	11.814	1.353	
180	**12/11/2020 00:00**	11.814	1.601	
181	**12/11/2020 01:00**	11.814	1.862	
182	**12/11/2020 02:00**	11.814	2.123	
183	**12/11/2020 03:00**	11.814	2.296	
184	**12/11/2020 04:00**	11.814	2.394	
185	**12/11/2020 05:00**	11.814	2.367	
186	**12/11/2020 06:00**	11.814	2.257	
187	**12/11/2020 07:00**	11.814	2.064	
188	**12/11/2020 08:00**	11.814	1.845	
189	**12/11/2020 09:00**	11.814	1.641	
190	**12/11/2020 10:00**	11.814	1.477	
191	**12/11/2020 11:00**	11.814	1.418	
192	**12/11/2020 12:00**	11.814	1.552	
193	**12/11/2020 13:00**	11.814	1.765	
194	**12/11/2020 14:00**	11.814	2.014	
195	**12/11/2020 15:00**	11.814	2.227	
196	**12/11/2020 16:00**	11.814	2.338	
197	**12/11/2020 17:00**	11.814	2.330	
198	**12/11/2020 18:00**	11.814	2.211	
199	**12/11/2020 19:00**	11.814	2.014	
200	**12/11/2020 20:00**	11.814	1.754	
201	**12/11/2020 21:00**	11.814	1.533	
202	**12/11/2020 22:00**	11.814	1.325	
203	**12/11/2020 23:00**	11.814	1.261	
204	**13/11/2020 00:00**	11.814	1.349	
205	**13/11/2020 01:00**	11.814	1.577	
206	**13/11/2020 02:00**	11.814	1.876	
207	**13/11/2020 03:00**	11.814	2.151	
208	**13/11/2020 04:00**	11.814	2.309	
209	**13/11/2020 05:00**	11.814	2.379	
210	**13/11/2020 06:00**	11.814	2.312	
211	**13/11/2020 07:00**	11.814	2.127	
212	**13/11/2020 08:00**	11.814	1.885	
213	**13/11/2020 09:00**	11.814	1.636	
214	**13/11/2020 10:00**	11.814	1.418	
215	**13/11/2020 11:00**	11.814	1.255	
216	**13/11/2020 12:00**	11.814	1.290	
217	**13/11/2020 13:00**	11.814	1.482	
218	**13/11/2020 14:00**	11.814	1.785	
219	**13/11/2020 15:00**	11.814	2.079	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**13/11/2020 16:00**	11.814	2.281	
221	**13/11/2020 17:00**	11.814	2.380	
222	**13/11/2020 18:00**	11.814	2.326	
223	**13/11/2020 19:00**	11.814	2.159	
224	**13/11/2020 20:00**	11.814	1.907	
225	**13/11/2020 21:00**	11.814	1.640	
226	**13/11/2020 22:00**	11.814	1.383	
227	**13/11/2020 23:00**	11.814	1.199	
228	**14/11/2020 00:00**	11.814	1.181	
229	**14/11/2020 01:00**	11.814	1.353	
230	**14/11/2020 02:00**	11.814	1.658	
231	**14/11/2020 03:00**	11.814	2.003	
232	**14/11/2020 04:00**	11.814	2.262	
233	**14/11/2020 05:00**	11.814	2.425	
234	**14/11/2020 06:00**	11.814	2.479	
235	**14/11/2020 07:00**	11.814	2.350	
236	**14/11/2020 08:00**	11.814	2.122	
237	**14/11/2020 09:00**	11.814	1.833	
238	**14/11/2020 10:00**	11.814	1.531	
239	**14/11/2020 11:00**	11.814	1.271	
240	**14/11/2020 12:00**	11.814	1.136	
241	**14/11/2020 13:00**	11.814	1.183	
242	**14/11/2020 14:00**	11.814	1.412	
243	**14/11/2020 15:00**	11.814	1.736	
244	**14/11/2020 16:00**	11.814	2.041	
245	**14/11/2020 17:00**	11.814	2.215	
246	**14/11/2020 18:00**	11.814	2.276	
247	**14/11/2020 19:00**	11.814	2.189	
248	**14/11/2020 20:00**	11.814	1.984	
249	**14/11/2020 21:00**	11.814	1.677	
250	**14/11/2020 22:00**	11.814	1.404	
251	**14/11/2020 23:00**	11.814	1.114	
252	**15/11/2020 00:00**	11.814	0.932	
253	**15/11/2020 01:00**	11.814	0.949	
254	**15/11/2020 02:00**	11.814	1.186	
255	**15/11/2020 03:00**	11.814	1.545	
256	**15/11/2020 04:00**	11.814	1.919	
257	**15/11/2020 05:00**	11.814	2.175	
258	**15/11/2020 06:00**	11.814	2.321	
259	**15/11/2020 07:00**	11.814	2.275	
260	**15/11/2020 08:00**	11.867	2.096	
261	**15/11/2020 09:00**	11.814	1.822	
262	**15/11/2020 10:00**	11.814	1.520	
263	**15/11/2020 11:00**	11.814	1.257	
264	**15/11/2020 12:00**	11.814	1.050	
265	**15/11/2020 13:00**	11.814	0.982	
266	**15/11/2020 14:00**	11.814	1.105	
267	**15/11/2020 15:00**	11.814	1.442	
268	**15/11/2020 16:00**	11.814	1.812	
269	**15/11/2020 17:00**	11.814	2.112	
270	**15/11/2020 18:00**	11.814	2.298	
271	**15/11/2020 19:00**	11.867	2.341	
272	**15/11/2020 20:00**	11.814	2.217	
273	**15/11/2020 21:00**	11.814	1.976	
274	**15/11/2020 22:00**	11.814	1.678	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/11/2020 23:00**	11.814	1.407	
276	**16/11/2020 00:00**	11.814	1.187	
277	**16/11/2020 01:00**	11.814	1.059	
278	**16/11/2020 02:00**	11.814	1.101	
279	**16/11/2020 03:00**	11.814	1.403	
280	**16/11/2020 04:00**	11.814	1.778	
281	**16/11/2020 05:00**	11.814	2.136	
282	**16/11/2020 06:00**	11.814	2.346	
283	**16/11/2020 07:00**	11.814	2.442	
284	**16/11/2020 08:00**	11.814	2.412	
285	**16/11/2020 09:00**	11.814	2.179	
286	**16/11/2020 10:00**	11.814	1.912	
287	**16/11/2020 11:00**	11.814	1.611	
288	**16/11/2020 12:00**	11.814	1.374	
289	**16/11/2020 13:00**	11.814	1.184	
290	**16/11/2020 14:00**	11.814	1.172	
291	**16/11/2020 15:00**	11.867	1.378	
292	**16/11/2020 16:00**	11.814	1.701	
293	**16/11/2020 17:00**	11.814	2.059	
294	**16/11/2020 18:00**	11.814	2.310	
295	**16/11/2020 19:00**	11.814	2.451	
296	**16/11/2020 20:00**	11.814	2.448	
297	**16/11/2020 21:00**	11.814	2.281	
298	**16/11/2020 22:00**	11.814	2.019	
299	**16/11/2020 23:00**	11.867	1.733	
300	**17/11/2020 00:00**	11.814	1.438	
301	**17/11/2020 01:00**	11.814	1.197	
302	**17/11/2020 02:00**	11.814	1.091	
303	**17/11/2020 03:00**	11.814	1.163	
304	**17/11/2020 04:00**	11.814	1.458	
305	**17/11/2020 05:00**	11.814	1.824	
306	**17/11/2020 06:00**	11.814	2.132	
307	**17/11/2020 07:00**	11.814	2.338	
308	**17/11/2020 08:00**	11.814	2.381	
309	**17/11/2020 09:00**	11.814	2.306	
310	**17/11/2020 10:00**	11.814	2.072	
311	**17/11/2020 11:00**	11.814	1.766	
312	**17/11/2020 12:00**	11.814	1.492	
313	**17/11/2020 13:00**	11.814	1.259	
314	**17/11/2020 14:00**	11.814	1.103	
315	**17/11/2020 15:00**	11.867	1.123	
316	**17/11/2020 16:00**	11.814	1.342	
317	**17/11/2020 17:00**	11.814	1.703	
318	**17/11/2020 18:00**	11.814	2.052	
319	**17/11/2020 19:00**	11.814	2.273	
320	**17/11/2020 20:00**	11.814	2.413	
321	**17/11/2020 21:00**	11.814	2.391	
322	**17/11/2020 22:00**	11.814	2.230	
323	**17/11/2020 23:00**	11.814	1.963	
324	**18/11/2020 00:00**	11.867	1.678	
325	**18/11/2020 01:00**	11.814	1.432	
326	**18/11/2020 02:00**	11.814	1.224	
327	**18/11/2020 03:00**	11.814	1.146	
328	**18/11/2020 04:00**	11.814	1.260	
329	**18/11/2020 05:00**	11.814	1.548	

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330	**18/11/2020 06:00**	11.814	1.866	
331	**18/11/2020 07:00**	11.814	2.141	
332	**18/11/2020 08:00**	11.814	2.294	
333	**18/11/2020 09:00**	11.814	2.337	
334	**18/11/2020 10:00**	11.814	2.208	
335	**18/11/2020 11:00**	11.814	1.987	
336	**18/11/2020 12:00**	11.814	1.688	
337	**18/11/2020 13:00**	11.814	1.414	
338	**18/11/2020 14:00**	11.814	1.209	
339	**18/11/2020 15:00**	11.814	1.080	
340	**18/11/2020 16:00**	11.814	1.152	
341	**18/11/2020 17:00**	11.814	1.404	
342	**18/11/2020 18:00**	11.814	1.767	
343	**18/11/2020 19:00**	11.814	2.053	
344	**18/11/2020 20:00**	11.814	2.279	
345	**18/11/2020 21:00**	11.814	2.385	
346	**18/11/2020 22:00**	11.814	2.349	
347	**18/11/2020 23:00**	11.814	2.213	
348	**19/11/2020 00:00**	11.814	2.007	
349	**19/11/2020 01:00**	11.814	1.748	
350	**19/11/2020 02:00**	11.814	1.518	
351	**19/11/2020 03:00**	11.814	1.333	
352	**19/11/2020 04:00**	11.814	1.292	
353	**19/11/2020 05:00**	11.814	1.411	
354	**19/11/2020 06:00**	11.814	1.695	
355	**19/11/2020 07:00**	11.814	2.000	
356	**19/11/2020 08:00**	11.814	2.261	
357	**19/11/2020 09:00**	11.814	2.404	
358	**19/11/2020 10:00**	11.814	2.450	
359	**19/11/2020 11:00**	11.814	2.357	
360	**19/11/2020 12:00**	11.814	2.205	
361	**19/11/2020 13:00**	11.814	1.990	
362	**19/11/2020 14:00**	11.814	1.869	
363	**19/11/2020 15:00**	11.814	1.655	
364	**19/11/2020 16:00**	11.814	1.594	
365	**19/11/2020 17:00**	11.814	1.730	
366	**19/11/2020 18:00**	11.814	1.851	
367	**19/11/2020 19:00**	11.814	2.094	
368	**19/11/2020 20:00**	11.814	2.345	
369	**19/11/2020 21:00**	11.814	2.504	
370	**19/11/2020 22:00**	11.814	2.593	
371	**19/11/2020 23:00**	11.814	2.531	
372	**20/11/2020 00:00**	11.814	2.392	
373	**20/11/2020 01:00**	11.814	2.210	
374	**20/11/2020 02:00**	11.814	1.987	
375	**20/11/2020 03:00**	11.814	1.793	
376	**20/11/2020 04:00**	11.814	1.615	
377	**20/11/2020 05:00**	11.814	1.556	
378	**20/11/2020 06:00**	11.814	1.641	
379	**20/11/2020 07:00**	11.814	1.842	
380	**20/11/2020 08:00**	11.814	2.071	
381	**20/11/2020 09:00**	11.814	2.241	
382	**20/11/2020 10:00**	11.814	2.349	
383	**20/11/2020 11:00**	11.814	2.349	
384	**20/11/2020 12:00**	11.814	2.243	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**20/11/2020 13:00**	11.814	2.091	
386	**20/11/2020 14:00**	11.814	1.871	
387	**20/11/2020 15:00**	11.814	1.655	
388	**20/11/2020 16:00**	11.814	1.474	
389	**20/11/2020 17:00**	11.814	1.404	
390	**20/11/2020 18:00**	11.814	1.465	
391	**20/11/2020 19:00**	11.814	1.668	
392	**20/11/2020 20:00**	11.814	1.922	
393	**20/11/2020 21:00**	11.814	2.184	
394	**20/11/2020 22:00**	11.814	2.344	
395	**20/11/2020 23:00**	11.814	2.419	
396	**21/11/2020 00:00**	11.814	2.410	
397	**21/11/2020 01:00**	11.814	2.312	
398	**21/11/2020 02:00**	11.814	2.176	
399	**21/11/2020 03:00**	11.814	1.986	
400	**21/11/2020 04:00**	11.867	1.825	
401	**21/11/2020 05:00**	11.867	1.670	
402	**21/11/2020 06:00**	11.814	1.611	
403	**21/11/2020 07:00**	11.814	1.677	
404	**21/11/2020 08:00**	11.814	1.845	
405	**21/11/2020 09:00**	11.814	2.026	
406	**21/11/2020 10:00**	11.867	2.189	
407	**21/11/2020 11:00**	11.814	2.275	
408	**21/11/2020 12:00**	11.814	2.300	
409	**21/11/2020 13:00**	11.814	2.205	
410	**21/11/2020 14:00**	11.814	2.026	
411	**21/11/2020 15:00**	11.814	1.859	
412	**21/11/2020 16:00**	11.814	1.669	
413	**21/11/2020 17:00**	11.814	1.542	
414	**21/11/2020 18:00**	11.814	1.490	
415	**21/11/2020 19:00**	11.814	1.533	
416	**21/11/2020 20:00**	11.814	1.722	
417	**21/11/2020 21:00**	11.814	1.942	
418	**21/11/2020 22:00**	11.814	2.162	
419	**21/11/2020 23:00**	11.814	2.325	
420	**22/11/2020 00:00**	11.814	2.402	
421	**22/11/2020 01:00**	11.814	2.385	
422	**22/11/2020 02:00**	11.814	2.319	
423	**22/11/2020 03:00**	11.814	2.217	
424	**22/11/2020 04:00**	11.814	2.077	
425	**22/11/2020 05:00**	11.814	1.915	
426	**22/11/2020 06:00**	11.814	1.760	
427	**22/11/2020 07:00**	11.814	1.684	
428	**22/11/2020 08:00**	11.814	1.740	
429	**22/11/2020 09:00**	11.814	1.874	
430	**22/11/2020 10:00**	11.814	2.066	
431	**22/11/2020 11:00**	11.814	2.202	
432	**22/11/2020 12:00**	11.814	2.281	
433	**22/11/2020 13:00**	11.814	2.293	
434	**22/11/2020 14:00**	11.814	2.245	
435	**22/11/2020 15:00**	11.814	2.132	
436	**22/11/2020 16:00**	11.814	1.989	
437	**22/11/2020 17:00**	11.814	1.838	
438	**22/11/2020 18:00**	11.814	1.686	
439	**22/11/2020 19:00**	11.814	1.614	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**22/11/2020 20:00**	11.814	1.607	
441	**22/11/2020 21:00**	11.814	1.738	
442	**22/11/2020 22:00**	11.814	1.926	
443	**22/11/2020 23:00**	11.867	2.127	
444	**23/11/2020 00:00**	11.814	2.297	
445	**23/11/2020 01:00**	11.814	2.372	
446	**23/11/2020 02:00**	11.814	2.408	
447	**23/11/2020 03:00**	11.814	2.379	
448	**23/11/2020 04:00**	11.814	2.293	
449	**23/11/2020 05:00**	11.814	2.151	
450	**23/11/2020 06:00**	11.814	2.012	
451	**23/11/2020 07:00**	11.814	1.872	
452	**23/11/2020 08:00**	11.814	1.772	
453	**23/11/2020 09:00**	11.814	1.759	
454	**23/11/2020 10:00**	11.814	1.872	
455	**23/11/2020 11:00**	11.814	1.994	
456	**23/11/2020 12:00**	11.814	2.139	
457	**23/11/2020 13:00**	11.814	2.229	
458	**23/11/2020 14:00**	11.814	2.257	
459	**23/11/2020 15:00**	11.814	2.194	
460	**23/11/2020 16:00**	11.814	2.066	
461	**23/11/2020 17:00**	11.814	1.930	
462	**23/11/2020 18:00**	11.814	1.765	
463	**23/11/2020 19:00**	11.814	1.595	
464	**23/11/2020 20:00**	11.867	1.528	
465	**23/11/2020 21:00**	11.814	1.536	
466	**23/11/2020 22:00**	11.814	1.635	
467	**23/11/2020 23:00**	11.814	1.809	
468	**24/11/2020 00:00**	11.814	2.012	
469	**24/11/2020 01:00**	11.814	2.175	
470	**24/11/2020 02:00**	11.814	2.272	
471	**24/11/2020 03:00**	11.814	2.327	
472	**24/11/2020 04:00**	11.814	2.298	
473	**24/11/2020 05:00**	11.814	2.217	
474	**24/11/2020 06:00**	11.814	2.078	
475	**24/11/2020 07:00**	11.814	1.912	
476	**24/11/2020 08:00**	11.814	1.771	
477	**24/11/2020 09:00**	11.814	1.675	
478	**24/11/2020 10:00**	11.814	1.670	
479	**24/11/2020 11:00**	11.814	1.762	
480	**24/11/2020 12:00**	11.814	1.925	
481	**24/11/2020 13:00**	11.814	2.054	
482	**24/11/2020 14:00**	11.814	2.152	
483	**24/11/2020 15:00**	11.814	2.207	
484	**24/11/2020 16:00**	11.814	2.158	
485	**24/11/2020 17:00**	11.814	2.066	
486	**24/11/2020 18:00**	11.814	1.919	
487	**24/11/2020 19:00**	11.814	1.760	
488	**24/11/2020 20:00**	11.814	1.594	
489	**24/11/2020 21:00**	11.814	1.496	
490	**24/11/2020 22:00**	11.814	1.482	
491	**24/11/2020 23:00**	11.814	1.604	
492	**25/11/2020 00:00**	11.814	1.792	
493	**25/11/2020 01:00**	11.814	2.021	
494	**25/11/2020 02:00**	11.814	2.196	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 223**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**25/11/2020 03:00**	11.814	2.316	
496	**25/11/2020 04:00**	11.814	2.351	
497	**25/11/2020 05:00**	11.814	2.339	
498	**25/11/2020 06:00**	11.814	2.261	
499	**25/11/2020 07:00**	11.814	2.116	
500	**25/11/2020 08:00**	11.814	1.954	
501	**25/11/2020 09:00**	11.814	1.782	
502	**25/11/2020 10:00**	11.814	1.682	
503	**25/11/2020 11:00**	11.814	1.688	
504	**25/11/2020 12:00**	11.814	1.806	
505	**25/11/2020 13:00**	11.814	1.960	
506	**25/11/2020 14:00**	11.814	2.130	
507	**25/11/2020 15:00**	11.814	2.258	
508	**25/11/2020 16:00**	11.814	2.296	
509	**25/11/2020 17:00**	11.814	2.281	
510	**25/11/2020 18:00**	11.814	2.186	
511	**25/11/2020 19:00**	11.814	2.043	
512	**25/11/2020 20:00**	11.814	1.879	
513	**25/11/2020 21:00**	11.814	1.740	
514	**25/11/2020 22:00**	11.762	1.624	
515	**25/11/2020 23:00**	11.814	1.627	
516	**26/11/2020 00:00**	11.814	1.744	
517	**26/11/2020 01:00**	11.814	1.960	
518	**26/11/2020 02:00**	11.814	2.173	
519	**26/11/2020 03:00**	11.814	2.355	
520	**26/11/2020 04:00**	11.762	2.426	
521	**26/11/2020 05:00**	11.814	2.464	
522	**26/11/2020 06:00**	11.814	2.418	
523	**26/11/2020 07:00**	11.867	2.296	
524	**26/11/2020 08:00**	11.867	2.126	
525	**26/11/2020 09:00**	11.814	1.965	
526	**26/11/2020 10:00**	11.867	1.843	
527	**26/11/2020 11:00**	11.814	1.714	
528	**26/11/2020 12:00**	11.814	1.805	
529	**26/11/2020 13:00**	11.867	1.954	
530	**26/11/2020 14:00**	11.814	2.198	
531	**26/11/2020 15:00**	11.814	2.264	
532	**26/11/2020 16:00**	11.762	2.221	
533	**26/11/2020 17:00**	11.814	2.382	
534	**26/11/2020 18:00**	11.762	2.346	
535	**26/11/2020 19:00**	11.867	2.199	
536	**26/11/2020 20:00**	11.814	2.028	
537	**26/11/2020 21:00**	11.762	1.853	
538	**26/11/2020 22:00**	11.814	1.697	
539	**26/11/2020 23:00**	11.867	1.624	
540	**27/11/2020 00:00**	11.814	1.647	
541	**27/11/2020 01:00**	11.867	1.808	
542	**27/11/2020 02:00**	11.867	2.026	
543	**27/11/2020 03:00**	11.867	2.223	
544	**27/11/2020 04:00**	11.814	2.391	
545	**27/11/2020 05:00**	11.867	2.452	
546	**27/11/2020 06:00**	11.814	2.461	
547	**27/11/2020 07:00**	11.814	2.365	
548	**27/11/2020 08:00**	11.867	2.235	
549	**27/11/2020 09:00**	11.814	2.038	

Project.	**Harbour Point Bray**
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Engineer.	**Atkins**
Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**27/11/2020 10:00**	11.814	1.854	
551	**27/11/2020 11:00**	11.867	1.722	
552	**27/11/2020 12:00**	11.867	1.671	
553	**27/11/2020 13:00**	11.814	1.751	
554	**27/11/2020 14:00**	11.814	1.923	
555	**27/11/2020 15:00**	11.867	2.122	
556	**27/11/2020 16:00**	11.867	2.292	
557	**27/11/2020 17:00**	11.867	2.376	
558	**27/11/2020 18:00**	11.814	2.356	
559	**27/11/2020 19:00**	11.867	2.288	
560	**27/11/2020 20:00**	11.762	2.107	
561	**27/11/2020 21:00**	11.762	1.926	
562	**27/11/2020 22:00**	11.814	1.752	
563	**27/11/2020 23:00**	11.762	1.572	
564	**28/11/2020 00:00**	11.814	1.538	
565	**28/11/2020 01:00**	11.867	1.617	
566	**28/11/2020 02:00**	11.867	1.836	
567	**28/11/2020 03:00**	11.867	2.054	
568	**28/11/2020 04:00**	11.867	2.257	
569	**28/11/2020 05:00**	11.867	2.363	
570	**28/11/2020 06:00**	11.762	2.392	
571	**28/11/2020 07:00**	11.814	2.351	
572	**28/11/2020 08:00**	11.867	2.219	
573	**28/11/2020 09:00**	11.762	2.043	
574	**28/11/2020 10:00**	11.762	1.822	
575	**28/11/2020 11:00**	11.867	1.659	
576	**28/11/2020 12:00**	11.814	1.554	
577	**28/11/2020 13:00**	11.867	1.577	
578	**28/11/2020 14:00**	11.814	1.752	
579	**28/11/2020 15:00**	11.867	1.979	
580	**28/11/2020 16:00**	11.867	2.168	
581	**28/11/2020 17:00**	11.867	2.344	
582	**28/11/2020 18:00**	11.867	2.401	
583	**28/11/2020 19:00**	11.762	2.345	
584	**28/11/2020 20:00**	11.814	2.233	
585	**28/11/2020 21:00**	11.814	2.047	
586	**28/11/2020 22:00**	11.762	1.848	
587	**28/11/2020 23:00**	11.814	1.674	
588	**29/11/2020 00:00**	11.814	1.561	
589	**29/11/2020 01:00**	11.762	1.566	
590	**29/11/2020 02:00**	11.814	1.703	
591	**29/11/2020 03:00**	11.867	1.935	
592	**29/11/2020 04:00**	11.762	2.166	
593	**29/11/2020 05:00**	11.762	2.355	
594	**29/11/2020 06:00**	11.814	2.446	
595	**29/11/2020 07:00**	11.814	2.437	
596	**29/11/2020 08:00**	11.762	2.323	
597	**29/11/2020 09:00**	11.867	2.163	
598	**29/11/2020 10:00**	11.867	1.955	
599	**29/11/2020 11:00**	11.867	1.785	
600	**29/11/2020 12:00**	11.867	1.604	
601	**29/11/2020 13:00**	11.814	1.575	
602	**29/11/2020 14:00**	11.867	1.665	
603	**29/11/2020 15:00**	11.867	1.878	
604	**29/11/2020 16:00**	11.814	2.104	

Project.	**Harbour Point Bray**
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Engineer.	**Atkins**
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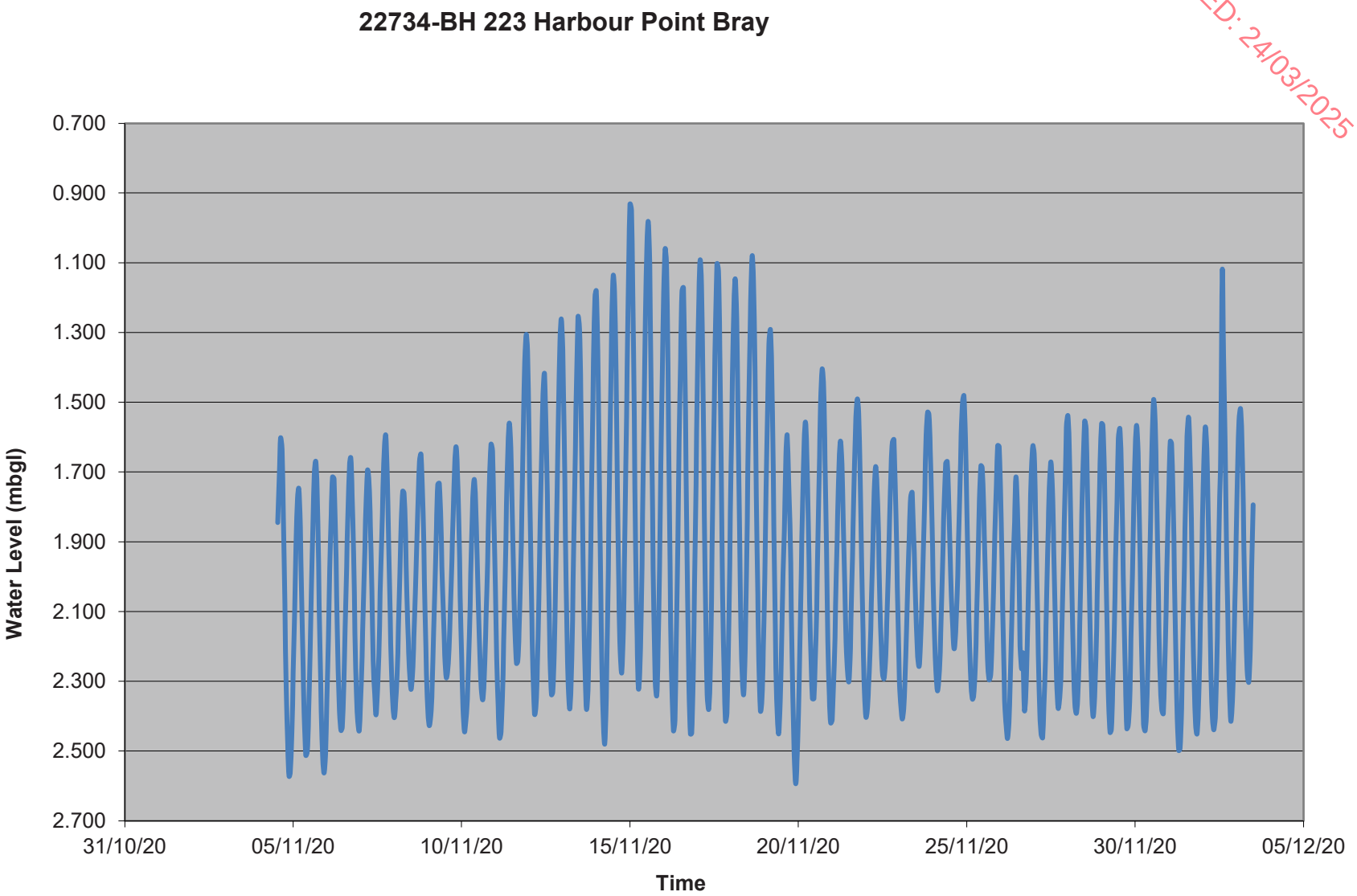
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**29/11/2020 17:00**	11.762	2.297	
606	**29/11/2020 18:00**	11.867	2.435	
607	**29/11/2020 19:00**	11.814	2.428	
608	**29/11/2020 20:00**	11.867	2.361	
609	**29/11/2020 21:00**	11.814	2.178	
610	**29/11/2020 22:00**	11.867	1.992	
611	**29/11/2020 23:00**	11.814	1.795	
612	**30/11/2020 00:00**	11.867	1.627	
613	**30/11/2020 01:00**	11.814	1.566	
614	**30/11/2020 02:00**	11.814	1.645	
615	**30/11/2020 03:00**	11.762	1.842	
616	**30/11/2020 04:00**	11.814	2.080	
617	**30/11/2020 05:00**	11.814	2.287	
618	**30/11/2020 06:00**	11.867	2.423	
619	**30/11/2020 07:00**	11.814	2.442	
620	**30/11/2020 08:00**	11.814	2.399	
621	**30/11/2020 09:00**	11.814	2.248	
622	**30/11/2020 10:00**	11.762	2.040	
623	**30/11/2020 11:00**	11.814	1.820	
624	**30/11/2020 12:00**	11.814	1.619	
625	**30/11/2020 13:00**	11.762	1.493	
626	**30/11/2020 14:00**	11.814	1.534	
627	**30/11/2020 15:00**	11.762	1.688	
628	**30/11/2020 16:00**	11.814	1.928	
629	**30/11/2020 17:00**	11.814	2.162	
630	**30/11/2020 18:00**	11.814	2.317	
631	**30/11/2020 19:00**	11.762	2.382	
632	**30/11/2020 20:00**	11.814	2.392	
633	**30/11/2020 21:00**	11.814	2.270	
634	**30/11/2020 22:00**	11.814	2.092	
635	**30/11/2020 23:00**	11.867	1.904	
636	**01/12/2020 00:00**	11.814	1.733	
637	**01/12/2020 01:00**	11.762	1.612	
638	**01/12/2020 02:00**	11.867	1.620	
639	**01/12/2020 03:00**	11.867	1.782	
640	**01/12/2020 04:00**	11.814	2.002	
641	**01/12/2020 05:00**	11.814	2.238	
642	**01/12/2020 06:00**	11.814	2.407	
643	**01/12/2020 07:00**	11.867	2.498	
644	**01/12/2020 08:00**	11.814	2.492	
645	**01/12/2020 09:00**	11.814	2.379	
646	**01/12/2020 10:00**	11.814	2.180	
647	**01/12/2020 11:00**	11.814	1.969	
648	**01/12/2020 12:00**	11.814	1.763	
649	**01/12/2020 13:00**	11.814	1.597	
650	**01/12/2020 14:00**	11.814	1.543	
651	**01/12/2020 15:00**	11.814	1.638	
652	**01/12/2020 16:00**	11.867	1.834	
653	**01/12/2020 17:00**	11.814	2.114	
654	**01/12/2020 18:00**	11.814	2.305	
655	**01/12/2020 19:00**	11.814	2.419	
656	**01/12/2020 20:00**	11.814	2.451	
657	**01/12/2020 21:00**	11.867	2.383	
658	**01/12/2020 22:00**	11.814	2.215	
659	**01/12/2020 23:00**	11.814	2.032	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**02/12/2020 00:00**	11.814	1.836	
661	**02/12/2020 01:00**	11.814	1.654	
662	**02/12/2020 02:00**	11.814	1.570	
663	**02/12/2020 03:00**	11.814	1.632	
664	**02/12/2020 04:00**	11.814	1.810	
665	**02/12/2020 05:00**	11.814	2.042	
666	**02/12/2020 06:00**	11.814	2.278	
667	**02/12/2020 07:00**	11.814	2.407	
668	**02/12/2020 08:00**	11.814	2.439	
669	**02/12/2020 09:00**	11.814	2.405	
670	**02/12/2020 10:00**	11.814	2.276	
671	**02/12/2020 11:00**	11.814	2.051	
672	**02/12/2020 12:00**	11.814	1.803	
673	**02/12/2020 13:00**	11.867	1.635	
674	**02/12/2020 14:00**	11.814	1.124	
675	**02/12/2020 15:00**	11.814	1.367	
676	**02/12/2020 16:00**	11.867	1.613	
677	**02/12/2020 17:00**	11.814	1.887	
678	**02/12/2020 18:00**	11.814	2.128	
679	**02/12/2020 19:00**	11.814	2.305	
680	**02/12/2020 20:00**	11.814	2.413	
681	**02/12/2020 21:00**	11.814	2.376	
682	**02/12/2020 22:00**	11.867	2.269	
683	**02/12/2020 23:00**	11.814	2.074	
684	**03/12/2020 00:00**	11.814	1.889	
685	**03/12/2020 01:00**	11.814	1.677	
686	**03/12/2020 02:00**	11.814	1.553	
687	**03/12/2020 03:00**	11.814	1.518	
688	**03/12/2020 04:00**	11.867	1.596	
689	**03/12/2020 05:00**	11.814	1.801	
690	**03/12/2020 06:00**	11.814	2.029	
691	**03/12/2020 07:00**	11.814	2.180	
692	**03/12/2020 08:00**	11.762	2.284	
693	**03/12/2020 09:00**	11.814	2.302	
694	**03/12/2020 10:00**	11.867	2.207	
695	**03/12/2020 11:00**	11.814	1.986	
696	**03/12/2020 12:00**	11.814	1.794	

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Engineer.	**Atkins**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**03/12/2020 15:00**	11.814	1.504	
2	**03/12/2020 16:00**	11.814	1.704	
3	**03/12/2020 17:00**	11.814	1.962	
4	**03/12/2020 18:00**	11.867	2.176	
5	**03/12/2020 19:00**	11.814	2.341	
6	**03/12/2020 20:00**	11.814	2.395	
7	**03/12/2020 21:00**	11.867	2.355	
8	**03/12/2020 22:00**	11.867	2.242	
9	**03/12/2020 23:00**	11.814	2.066	
10	**04/12/2020 00:00**	11.867	1.872	
11	**04/12/2020 01:00**	11.867	1.692	
12	**04/12/2020 02:00**	11.867	1.614	
13	**04/12/2020 03:00**	11.867	1.599	
14	**04/12/2020 04:00**	11.814	1.753	
15	**04/12/2020 05:00**	11.814	1.968	
16	**04/12/2020 06:00**	11.814	2.188	
17	**04/12/2020 07:00**	11.814	2.323	
18	**04/12/2020 08:00**	11.814	2.396	
19	**04/12/2020 09:00**	11.814	2.353	
20	**04/12/2020 10:00**	11.814	2.249	
21	**04/12/2020 11:00**	11.867	2.068	
22	**04/12/2020 12:00**	11.867	1.890	
23	**04/12/2020 13:00**	11.814	1.692	
24	**04/12/2020 14:00**	11.762	1.546	
25	**04/12/2020 15:00**	11.814	1.510	
26	**04/12/2020 16:00**	11.814	1.611	
27	**04/12/2020 17:00**	11.867	1.825	
28	**04/12/2020 18:00**	11.762	2.050	
29	**04/12/2020 19:00**	11.814	2.255	
30	**04/12/2020 20:00**	11.814	2.352	
31	**04/12/2020 21:00**	11.867	2.389	
32	**04/12/2020 22:00**	11.814	2.341	
33	**04/12/2020 23:00**	11.867	2.192	
34	**05/12/2020 00:00**	11.867	2.023	
35	**05/12/2020 01:00**	11.814	1.869	
36	**05/12/2020 02:00**	11.814	1.740	
37	**05/12/2020 03:00**	11.814	1.700	
38	**05/12/2020 04:00**	11.814	1.776	
39	**05/12/2020 05:00**	11.814	1.931	
40	**05/12/2020 06:00**	11.867	2.149	
41	**05/12/2020 07:00**	11.814	2.310	
42	**05/12/2020 08:00**	11.762	2.423	
43	**05/12/2020 09:00**	11.814	2.442	
44	**05/12/2020 10:00**	11.814	2.381	
45	**05/12/2020 11:00**	11.762	2.267	
46	**05/12/2020 12:00**	11.867	2.114	
47	**05/12/2020 13:00**	11.867	1.930	
48	**05/12/2020 14:00**	11.867	1.780	
49	**05/12/2020 15:00**	11.867	1.674	
50	**05/12/2020 16:00**	11.867	1.699	
51	**05/12/2020 17:00**	11.814	1.826	
52	**05/12/2020 18:00**	11.814	2.067	
53	**05/12/2020 19:00**	11.762	2.249	
54	**05/12/2020 20:00**	11.867	2.446	

Project.	**Harbour Point Bray**
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Borehole No.	**BH 223**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**05/12/2020 21:00**	11.762	2.514	
56	**05/12/2020 22:00**	11.762	2.546	
57	**05/12/2020 23:00**	11.814	2.485	
58	**06/12/2020 00:00**	11.762	2.361	
59	**06/12/2020 01:00**	11.867	2.207	
60	**06/12/2020 02:00**	11.814	2.022	
61	**06/12/2020 03:00**	11.814	1.861	
62	**06/12/2020 04:00**	11.762	1.766	
63	**06/12/2020 05:00**	11.814	1.845	
64	**06/12/2020 06:00**	11.762	1.995	
65	**06/12/2020 07:00**	11.709	2.179	
66	**06/12/2020 08:00**	11.814	2.339	
67	**06/12/2020 09:00**	11.867	2.443	
68	**06/12/2020 10:00**	11.762	2.446	
69	**06/12/2020 11:00**	11.709	2.394	
70	**06/12/2020 12:00**	11.814	2.278	
71	**06/12/2020 13:00**	11.919	2.133	
72	**06/12/2020 14:00**	11.919	1.946	
73	**06/12/2020 15:00**	11.919	1.783	
74	**06/12/2020 16:00**	11.919	1.672	
75	**06/12/2020 17:00**	11.867	1.714	
76	**06/12/2020 18:00**	11.919	1.842	
77	**06/12/2020 19:00**	11.762	2.036	
78	**06/12/2020 20:00**	11.867	2.243	
79	**06/12/2020 21:00**	11.814	2.405	
80	**06/12/2020 22:00**	11.814	2.487	
81	**06/12/2020 23:00**	11.709	2.489	
82	**07/12/2020 00:00**	11.919	2.420	
83	**07/12/2020 01:00**	11.814	2.292	
84	**07/12/2020 02:00**	11.709	2.118	
85	**07/12/2020 03:00**	11.657	1.933	
86	**07/12/2020 04:00**	11.709	1.785	
87	**07/12/2020 05:00**	11.657	1.717	
88	**07/12/2020 06:00**	11.709	1.773	
89	**07/12/2020 07:00**	11.657	1.927	
90	**07/12/2020 08:00**	11.709	2.106	
91	**07/12/2020 09:00**	11.919	2.251	
92	**07/12/2020 10:00**	11.919	2.324	
93	**07/12/2020 11:00**	11.867	2.373	
94	**07/12/2020 12:00**	11.709	2.299	
95	**07/12/2020 13:00**	11.971	2.167	
96	**07/12/2020 14:00**	11.709	2.008	
97	**07/12/2020 15:00**	11.657	1.830	
98	**07/12/2020 16:00**	11.657	1.664	
99	**07/12/2020 17:00**	11.867	1.569	
100	**07/12/2020 18:00**	11.657	1.596	
101	**07/12/2020 19:00**	11.657	1.722	
102	**07/12/2020 20:00**	11.971	1.922	
103	**07/12/2020 21:00**	11.919	2.139	
104	**07/12/2020 22:00**	11.867	2.316	
105	**07/12/2020 23:00**	11.971	2.389	
106	**08/12/2020 00:00**	11.709	2.412	
107	**08/12/2020 01:00**	11.657	2.374	
108	**08/12/2020 02:00**	11.814	2.255	
109	**08/12/2020 03:00**	11.919	2.117	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 223**
Serial No.	**760780**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**08/12/2020 04:00**	11.919	1.933	
111	**08/12/2020 05:00**	11.657	1.786	
112	**08/12/2020 06:00**	11.971	1.700	
113	**08/12/2020 07:00**	11.709	1.769	
114	**08/12/2020 08:00**	11.971	1.894	
115	**08/12/2020 09:00**	11.762	2.054	
116	**08/12/2020 10:00**	11.971	2.194	
117	**08/12/2020 11:00**	11.971	2.282	
118	**08/12/2020 12:00**	11.657	2.317	
119	**08/12/2020 13:00**	11.867	2.266	
120	**08/12/2020 14:00**	11.814	2.155	
121	**08/12/2020 15:00**	11.971	1.996	
122	**08/12/2020 16:00**	11.919	1.841	
123	**08/12/2020 17:00**	11.657	1.710	
124	**08/12/2020 18:00**	11.919	1.629	
125	**08/12/2020 19:00**	11.709	1.657	
126	**08/12/2020 20:00**	11.657	1.793	
127	**08/12/2020 21:00**	11.971	2.000	
128	**08/12/2020 22:00**	11.919	2.214	
129	**08/12/2020 23:00**	11.552	2.377	
130	**09/12/2020 00:00**	11.605	2.483	
131	**09/12/2020 01:00**	11.971	2.498	
132	**09/12/2020 02:00**	11.500	2.461	
133	**09/12/2020 03:00**	11.971	2.363	
134	**09/12/2020 04:00**	11.971	2.184	
135	**09/12/2020 05:00**	11.500	2.020	
136	**09/12/2020 06:00**	11.867	1.874	
137	**09/12/2020 07:00**	11.605	1.792	
138	**09/12/2020 08:00**	11.605	1.776	
139	**09/12/2020 09:00**	11.814	1.901	
140	**09/12/2020 10:00**	11.500	2.073	
141	**09/12/2020 11:00**	11.709	2.236	
142	**09/12/2020 12:00**	11.762	2.341	
143	**09/12/2020 13:00**	11.605	2.372	
144	**09/12/2020 14:00**	11.709	2.331	
145	**09/12/2020 15:00**	11.919	2.242	
146	**09/12/2020 16:00**	11.814	2.087	
147	**09/12/2020 17:00**	11.919	1.916	
148	**09/12/2020 18:00**	11.971	1.695	
149	**09/12/2020 19:00**	11.971	1.563	
150	**09/12/2020 20:00**	11.971	1.534	
151	**09/12/2020 21:00**	11.552	1.613	
152	**09/12/2020 22:00**	11.500	1.821	
153	**09/12/2020 23:00**	11.971	2.042	
154	**10/12/2020 00:00**	11.971	2.229	
155	**10/12/2020 01:00**	11.971	2.340	
156	**10/12/2020 02:00**	11.971	2.380	
157	**10/12/2020 03:00**	11.867	2.343	
158	**10/12/2020 04:00**	11.500	2.240	
159	**10/12/2020 05:00**	11.971	2.107	
160	**10/12/2020 06:00**	11.919	1.946	
161	**10/12/2020 07:00**	11.971	1.793	
162	**10/12/2020 08:00**	11.919	1.688	
163	**10/12/2020 09:00**	11.552	1.690	
164	**10/12/2020 10:00**	11.657	1.843	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 223**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**10/12/2020 11:00**	11.971	2.011	
166	**10/12/2020 12:00**	11.657	2.196	
167	**10/12/2020 13:00**	11.552	2.320	
168	**10/12/2020 14:00**	11.971	2.379	
169	**10/12/2020 15:00**	11.605	2.327	
170	**10/12/2020 16:00**	11.657	2.238	
171	**10/12/2020 17:00**	11.605	2.079	
172	**10/12/2020 18:00**	11.552	1.862	
173	**10/12/2020 19:00**	11.971	1.652	
174	**10/12/2020 20:00**	11.971	1.486	
175	**10/12/2020 21:00**	11.762	1.456	
176	**10/12/2020 22:00**	11.762	1.576	
177	**10/12/2020 23:00**	11.919	1.808	
178	**11/12/2020 00:00**	11.657	2.046	
179	**11/12/2020 01:00**	11.814	2.242	
180	**11/12/2020 02:00**	11.657	2.359	
181	**11/12/2020 03:00**	11.657	2.396	
182	**11/12/2020 04:00**	11.762	2.350	
183	**11/12/2020 05:00**	11.971	2.227	
184	**11/12/2020 06:00**	11.919	2.017	
185	**11/12/2020 07:00**	11.762	1.796	
186	**11/12/2020 08:00**	11.762	1.603	
187	**11/12/2020 09:00**	11.709	1.464	
188	**11/12/2020 10:00**	11.867	1.480	
189	**11/12/2020 11:00**	11.657	1.658	
190	**11/12/2020 12:00**	11.971	1.872	
191	**11/12/2020 13:00**	11.971	2.107	
192	**11/12/2020 14:00**	11.657	2.242	
193	**11/12/2020 15:00**	11.762	2.309	
194	**11/12/2020 16:00**	11.762	2.283	
195	**11/12/2020 17:00**	11.971	2.143	
196	**11/12/2020 18:00**	11.657	2.008	
197	**11/12/2020 19:00**	11.762	1.818	
198	**11/12/2020 20:00**	11.919	1.601	
199	**11/12/2020 21:00**	11.762	1.475	
200	**11/12/2020 22:00**	11.709	1.465	
201	**11/12/2020 23:00**	11.762	1.624	
202	**12/12/2020 00:00**	11.709	1.869	
203	**12/12/2020 01:00**	11.814	2.138	
204	**12/12/2020 02:00**	11.971	2.353	
205	**12/12/2020 03:00**	11.971	2.478	
206	**12/12/2020 04:00**	11.709	2.509	
207	**12/12/2020 05:00**	11.971	2.423	
208	**12/12/2020 06:00**	11.867	2.276	
209	**12/12/2020 07:00**	11.867	2.064	
210	**12/12/2020 08:00**	11.867	1.848	
211	**12/12/2020 09:00**	11.709	1.662	
212	**12/12/2020 10:00**	11.919	1.576	
213	**12/12/2020 11:00**	11.919	1.607	
214	**12/12/2020 12:00**	11.814	1.816	
215	**12/12/2020 13:00**	11.814	2.068	
216	**12/12/2020 14:00**	11.709	2.289	
217	**12/12/2020 15:00**	11.709	2.432	
218	**12/12/2020 16:00**	11.919	2.471	
219	**12/12/2020 17:00**	11.762	2.435	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 223**
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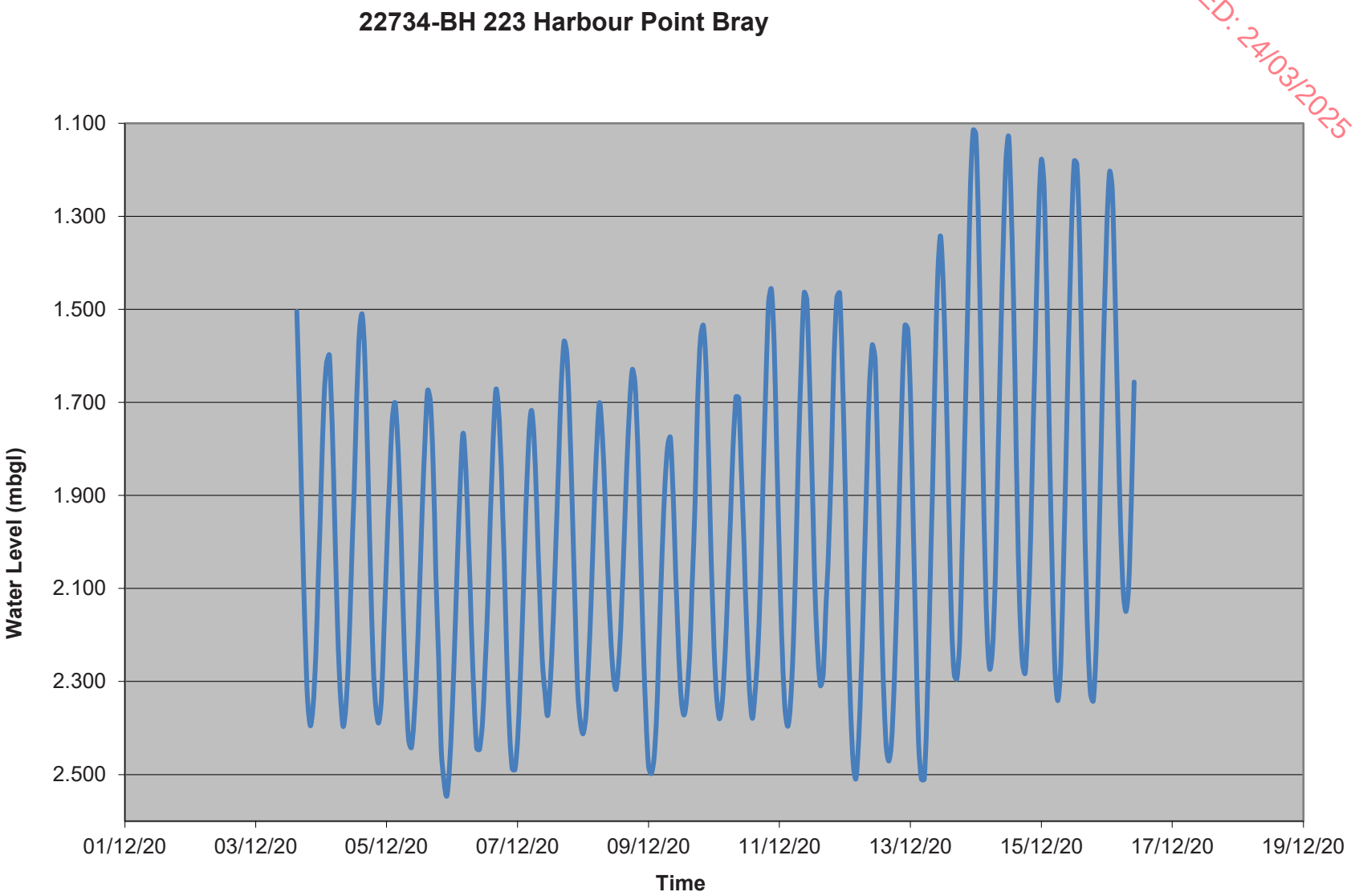
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**12/12/2020 18:00**	11.919	2.307	
221	**12/12/2020 19:00**	11.814	2.115	
222	**12/12/2020 20:00**	11.709	1.885	
223	**12/12/2020 21:00**	11.919	1.663	
224	**12/12/2020 22:00**	11.919	1.534	
225	**12/12/2020 23:00**	11.709	1.543	
226	**13/12/2020 00:00**	11.762	1.696	
227	**13/12/2020 01:00**	11.762	1.959	
228	**13/12/2020 02:00**	11.867	2.219	
229	**13/12/2020 03:00**	11.814	2.432	
230	**13/12/2020 04:00**	11.814	2.510	
231	**13/12/2020 05:00**	11.814	2.510	
232	**13/12/2020 06:00**	11.762	2.376	
233	**13/12/2020 07:00**	11.814	2.138	
234	**13/12/2020 08:00**	11.867	1.892	
235	**13/12/2020 09:00**	11.814	1.635	
236	**13/12/2020 10:00**	11.814	1.420	
237	**13/12/2020 11:00**	11.814	1.342	
238	**13/12/2020 12:00**	11.814	1.448	
239	**13/12/2020 13:00**	11.814	1.659	
240	**13/12/2020 14:00**	11.867	1.907	
241	**13/12/2020 15:00**	11.814	2.164	
242	**13/12/2020 16:00**	11.814	2.285	
243	**13/12/2020 17:00**	11.867	2.294	
244	**13/12/2020 18:00**	11.814	2.215	
245	**13/12/2020 19:00**	11.867	2.003	
246	**13/12/2020 20:00**	11.814	1.745	
247	**13/12/2020 21:00**	11.814	1.476	
248	**13/12/2020 22:00**	11.814	1.231	
249	**13/12/2020 23:00**	11.814	1.114	
250	**14/12/2020 00:00**	11.867	1.124	
251	**14/12/2020 01:00**	11.762	1.344	
252	**14/12/2020 02:00**	11.867	1.659	
253	**14/12/2020 03:00**	11.867	1.958	
254	**14/12/2020 04:00**	11.762	2.183	
255	**14/12/2020 05:00**	11.867	2.273	
256	**14/12/2020 06:00**	11.867	2.235	
257	**14/12/2020 07:00**	11.867	2.088	
258	**14/12/2020 08:00**	11.814	1.847	
259	**14/12/2020 09:00**	11.814	1.584	
260	**14/12/2020 10:00**	11.814	1.350	
261	**14/12/2020 11:00**	11.867	1.179	
262	**14/12/2020 12:00**	11.814	1.129	
263	**14/12/2020 13:00**	11.762	1.290	
264	**14/12/2020 14:00**	11.867	1.552	
265	**14/12/2020 15:00**	11.762	1.888	
266	**14/12/2020 16:00**	11.867	2.130	
267	**14/12/2020 17:00**	11.814	2.258	
268	**14/12/2020 18:00**	11.814	2.282	
269	**14/12/2020 19:00**	11.814	2.176	
270	**14/12/2020 20:00**	11.814	1.992	
271	**14/12/2020 21:00**	11.867	1.752	
272	**14/12/2020 22:00**	11.814	1.509	
273	**14/12/2020 23:00**	11.814	1.287	
274	**15/12/2020 00:00**	11.814	1.177	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**BH 223**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/12/2020 01:00**	11.867	1.244	
276	**15/12/2020 02:00**	11.867	1.486	
277	**15/12/2020 03:00**	11.814	1.804	
278	**15/12/2020 04:00**	11.867	2.082	
279	**15/12/2020 05:00**	11.867	2.279	
280	**15/12/2020 06:00**	11.867	2.341	
281	**15/12/2020 07:00**	11.814	2.271	
282	**15/12/2020 08:00**	11.814	2.074	
283	**15/12/2020 09:00**	11.867	1.816	
284	**15/12/2020 10:00**	11.814	1.568	
285	**15/12/2020 11:00**	11.814	1.328	
286	**15/12/2020 12:00**	11.814	1.181	
287	**15/12/2020 13:00**	11.814	1.188	
288	**15/12/2020 14:00**	11.814	1.355	
289	**15/12/2020 15:00**	11.867	1.680	
290	**15/12/2020 16:00**	11.867	1.995	
291	**15/12/2020 17:00**	11.762	2.211	
292	**15/12/2020 18:00**	11.867	2.326	
293	**15/12/2020 19:00**	11.867	2.341	
294	**15/12/2020 20:00**	11.814	2.232	
295	**15/12/2020 21:00**	11.867	2.029	
296	**15/12/2020 22:00**	11.762	1.757	
297	**15/12/2020 23:00**	11.814	1.525	
298	**16/12/2020 00:00**	11.814	1.316	
299	**16/12/2020 01:00**	11.867	1.203	
300	**16/12/2020 02:00**	11.814	1.245	
301	**16/12/2020 03:00**	11.814	1.471	
302	**16/12/2020 04:00**	11.814	1.739	
303	**16/12/2020 05:00**	11.814	1.965	
304	**16/12/2020 06:00**	11.867	2.109	
305	**16/12/2020 07:00**	11.814	2.149	
306	**16/12/2020 08:00**	11.814	2.091	
307	**16/12/2020 09:00**	11.814	1.892	
308	**16/12/2020 10:00**	13.014	1.656	

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Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 01**
Serial No.	**580781**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**06/10/2020 14:00**	11.254	5.109	
2	**06/10/2020 15:00**	11.254	5.116	
3	**06/10/2020 16:00**	11.254	5.118	
4	**06/10/2020 17:00**	11.254	5.113	
5	**06/10/2020 18:00**	11.306	5.116	
6	**06/10/2020 19:00**	11.305	5.123	
7	**06/10/2020 20:00**	11.357	5.116	
8	**06/10/2020 21:00**	11.357	5.117	
9	**06/10/2020 22:00**	11.254	5.119	
10	**06/10/2020 23:00**	11.306	5.114	
11	**07/10/2020 00:00**	11.306	5.112	
12	**07/10/2020 01:00**	11.254	5.115	
13	**07/10/2020 02:00**	11.254	5.119	
14	**07/10/2020 03:00**	11.306	5.117	
15	**07/10/2020 04:00**	11.306	5.120	
16	**07/10/2020 05:00**	11.202	5.116	
17	**07/10/2020 06:00**	11.306	5.116	
18	**07/10/2020 07:00**	11.254	5.109	
19	**07/10/2020 08:00**	11.461	5.123	
20	**07/10/2020 09:00**	11.357	5.111	
21	**07/10/2020 10:00**	11.305	5.120	
22	**07/10/2020 11:00**	11.305	5.119	
23	**07/10/2020 12:00**	11.203	5.121	
24	**07/10/2020 13:00**	11.254	5.109	
25	**07/10/2020 14:00**	11.254	5.117	
26	**07/10/2020 15:00**	11.306	5.117	
27	**07/10/2020 16:00**	11.357	5.122	
28	**07/10/2020 17:00**	11.203	5.123	
29	**07/10/2020 18:00**	11.151	5.116	
30	**07/10/2020 19:00**	11.305	5.112	
31	**07/10/2020 20:00**	11.306	5.113	
32	**07/10/2020 21:00**	11.565	5.113	
33	**07/10/2020 22:00**	11.461	5.124	
34	**07/10/2020 23:00**	11.358	5.130	
35	**08/10/2020 00:00**	11.305	5.125	
36	**08/10/2020 01:00**	11.357	5.119	
37	**08/10/2020 02:00**	11.202	5.123	
38	**08/10/2020 03:00**	11.254	5.114	
39	**08/10/2020 04:00**	11.357	5.120	
40	**08/10/2020 05:00**	11.357	5.129	
41	**08/10/2020 06:00**	11.305	5.126	
42	**08/10/2020 07:00**	11.203	5.117	
43	**08/10/2020 08:00**	11.254	5.126	
44	**08/10/2020 09:00**	11.254	5.108	
45	**08/10/2020 10:00**	11.461	5.124	
46	**08/10/2020 11:00**	11.254	5.129	
47	**08/10/2020 12:00**	11.357	5.126	
48	**08/10/2020 13:00**	11.254	5.120	
49	**08/10/2020 14:00**	11.254	5.119	
50	**08/10/2020 15:00**	11.306	5.127	
51	**08/10/2020 16:00**	11.202	5.124	
52	**08/10/2020 17:00**	11.409	5.134	
53	**08/10/2020 18:00**	11.254	5.131	
54	**08/10/2020 19:00**	11.306	5.127	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 01**
Serial No.	**580781**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**08/10/2020 20:00**	11.305	5.122	
56	**08/10/2020 21:00**	11.357	5.124	
57	**08/10/2020 22:00**	11.357	5.128	
58	**08/10/2020 23:00**	11.357	5.118	
59	**09/10/2020 00:00**	11.409	5.137	
60	**09/10/2020 01:00**	11.357	5.134	
61	**09/10/2020 02:00**	11.151	5.135	
62	**09/10/2020 03:00**	11.254	5.134	
63	**09/10/2020 04:00**	11.151	5.127	
64	**09/10/2020 05:00**	11.202	5.127	
65	**09/10/2020 06:00**	11.254	5.137	
66	**09/10/2020 07:00**	11.357	5.135	
67	**09/10/2020 08:00**	11.202	5.135	
68	**09/10/2020 09:00**	11.357	5.131	
69	**09/10/2020 10:00**	11.254	5.126	
70	**09/10/2020 11:00**	11.358	5.143	
71	**09/10/2020 12:00**	11.409	5.143	
72	**09/10/2020 13:00**	11.461	5.140	
73	**09/10/2020 14:00**	11.254	5.137	
74	**09/10/2020 15:00**	11.202	5.138	
75	**09/10/2020 16:00**	11.254	5.131	
76	**09/10/2020 17:00**	11.306	5.136	
77	**09/10/2020 18:00**	11.254	5.143	
78	**09/10/2020 19:00**	11.202	5.142	
79	**09/10/2020 20:00**	11.357	5.144	
80	**09/10/2020 21:00**	11.357	5.133	
81	**09/10/2020 22:00**	11.357	5.140	
82	**09/10/2020 23:00**	11.357	5.145	
83	**10/10/2020 00:00**	11.409	5.137	
84	**10/10/2020 01:00**	11.409	5.142	
85	**10/10/2020 02:00**	11.306	5.146	
86	**10/10/2020 03:00**	11.202	5.139	
87	**10/10/2020 04:00**	11.357	5.130	
88	**10/10/2020 05:00**	11.202	5.144	
89	**10/10/2020 06:00**	11.254	5.144	
90	**10/10/2020 07:00**	11.306	5.129	
91	**10/10/2020 08:00**	11.254	5.144	
92	**10/10/2020 09:00**	11.254	5.146	
93	**10/10/2020 10:00**	11.254	5.143	
94	**10/10/2020 11:00**	11.409	5.146	
95	**10/10/2020 12:00**	11.357	5.142	
96	**10/10/2020 13:00**	11.306	5.150	
97	**10/10/2020 14:00**	11.305	5.139	
98	**10/10/2020 15:00**	11.357	5.142	
99	**10/10/2020 16:00**	11.306	5.146	
100	**10/10/2020 17:00**	11.306	5.134	
101	**10/10/2020 18:00**	11.202	5.139	
102	**10/10/2020 19:00**	11.254	5.146	
103	**10/10/2020 20:00**	11.254	5.147	
104	**10/10/2020 21:00**	11.409	5.154	
105	**10/10/2020 22:00**	11.357	5.151	
106	**10/10/2020 23:00**	11.409	5.148	
107	**11/10/2020 00:00**	11.410	5.149	
108	**11/10/2020 01:00**	11.513	5.153	
109	**11/10/2020 02:00**	11.357	5.140	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**11/10/2020 03:00**	11.305	5.135	
111	**11/10/2020 04:00**	11.357	5.142	
112	**11/10/2020 05:00**	11.305	5.143	
113	**11/10/2020 06:00**	11.202	5.150	
114	**11/10/2020 07:00**	11.306	5.148	
115	**11/10/2020 08:00**	11.203	5.142	
116	**11/10/2020 09:00**	11.254	5.149	
117	**11/10/2020 10:00**	11.357	5.152	
118	**11/10/2020 11:00**	11.306	5.154	
119	**11/10/2020 12:00**	11.461	5.146	
120	**11/10/2020 13:00**	11.409	5.152	
121	**11/10/2020 14:00**	11.357	5.153	
122	**11/10/2020 15:00**	11.306	5.145	
123	**11/10/2020 16:00**	11.305	5.143	
124	**11/10/2020 17:00**	11.254	5.141	
125	**11/10/2020 18:00**	11.306	5.143	
126	**11/10/2020 19:00**	11.254	5.151	
127	**11/10/2020 20:00**	11.202	5.135	
128	**11/10/2020 21:00**	11.203	5.137	
129	**11/10/2020 22:00**	11.202	5.139	
130	**11/10/2020 23:00**	11.254	5.147	
131	**12/10/2020 00:00**	11.409	5.141	
132	**12/10/2020 01:00**	11.357	5.150	
133	**12/10/2020 02:00**	11.461	5.150	
134	**12/10/2020 03:00**	11.358	5.148	
135	**12/10/2020 04:00**	11.409	5.141	
136	**12/10/2020 05:00**	11.254	5.151	
137	**12/10/2020 06:00**	11.203	5.145	
138	**12/10/2020 07:00**	11.306	5.139	
139	**12/10/2020 08:00**	11.306	5.141	
140	**12/10/2020 09:00**	11.202	5.124	
141	**12/10/2020 10:00**	11.203	5.125	
142	**12/10/2020 11:00**	11.203	5.132	
143	**12/10/2020 12:00**	11.254	5.135	
144	**12/10/2020 13:00**	11.357	5.129	
145	**12/10/2020 14:00**	11.358	5.120	
146	**12/10/2020 15:00**	11.306	5.137	
147	**12/10/2020 16:00**	11.306	5.128	
148	**12/10/2020 17:00**	11.357	5.130	
149	**12/10/2020 18:00**	11.305	5.128	
150	**12/10/2020 19:00**	11.306	5.130	
151	**12/10/2020 20:00**	11.254	5.121	
152	**12/10/2020 21:00**	11.254	5.124	
153	**12/10/2020 22:00**	11.151	5.129	
154	**12/10/2020 23:00**	11.202	5.124	
155	**13/10/2020 00:00**	11.305	5.121	
156	**13/10/2020 01:00**	11.305	5.113	
157	**13/10/2020 02:00**	11.409	5.126	
158	**13/10/2020 03:00**	11.306	5.127	
159	**13/10/2020 04:00**	11.513	5.113	
160	**13/10/2020 05:00**	11.305	5.110	
161	**13/10/2020 06:00**	11.357	5.120	
162	**13/10/2020 07:00**	11.203	5.118	
163	**13/10/2020 08:00**	11.202	5.115	
164	**13/10/2020 09:00**	11.202	5.125	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**13/10/2020 10:00**	11.254	5.123	
166	**13/10/2020 11:00**	11.202	5.113	
167	**13/10/2020 12:00**	11.254	5.113	
168	**13/10/2020 13:00**	11.305	5.125	
169	**13/10/2020 14:00**	11.306	5.121	
170	**13/10/2020 15:00**	11.409	5.123	
171	**13/10/2020 16:00**	11.409	5.117	
172	**13/10/2020 17:00**	11.305	5.125	
173	**13/10/2020 18:00**	11.305	5.115	
174	**13/10/2020 19:00**	11.203	5.116	
175	**13/10/2020 20:00**	11.151	5.117	
176	**13/10/2020 21:00**	11.254	5.124	
177	**13/10/2020 22:00**	11.254	5.116	
178	**13/10/2020 23:00**	11.203	5.120	
179	**14/10/2020 00:00**	11.203	5.115	
180	**14/10/2020 01:00**	11.254	5.116	
181	**14/10/2020 02:00**	11.409	5.116	
182	**14/10/2020 03:00**	11.306	5.106	
183	**14/10/2020 04:00**	11.461	5.111	
184	**14/10/2020 05:00**	11.358	5.111	
185	**14/10/2020 06:00**	11.254	5.116	
186	**14/10/2020 07:00**	11.306	5.112	
187	**14/10/2020 08:00**	11.255	5.112	
188	**14/10/2020 09:00**	11.203	5.116	
189	**14/10/2020 10:00**	11.254	5.112	
190	**14/10/2020 11:00**	11.306	5.108	
191	**14/10/2020 12:00**	11.255	5.112	
192	**14/10/2020 13:00**	11.151	5.109	
193	**14/10/2020 14:00**	11.357	5.097	
194	**14/10/2020 15:00**	11.461	5.114	
195	**14/10/2020 16:00**	11.357	5.110	
196	**14/10/2020 17:00**	11.409	5.105	
197	**14/10/2020 18:00**	11.306	5.101	
198	**14/10/2020 19:00**	11.306	5.097	
199	**14/10/2020 20:00**	11.255	5.112	
200	**14/10/2020 21:00**	11.203	5.106	
201	**14/10/2020 22:00**	11.305	5.108	
202	**14/10/2020 23:00**	11.254	5.103	
203	**15/10/2020 00:00**	11.357	5.114	
204	**15/10/2020 01:00**	11.151	5.102	
205	**15/10/2020 02:00**	11.357	5.097	
206	**15/10/2020 03:00**	11.358	5.101	
207	**15/10/2020 04:00**	11.409	5.099	
208	**15/10/2020 05:00**	11.409	5.092	
209	**15/10/2020 06:00**	11.358	5.096	
210	**15/10/2020 07:00**	11.305	5.091	
211	**15/10/2020 08:00**	11.254	5.091	
212	**15/10/2020 09:00**	11.306	5.089	
213	**15/10/2020 10:00**	11.202	5.089	
214	**15/10/2020 11:00**	11.305	5.096	
215	**15/10/2020 12:00**	11.254	5.093	
216	**15/10/2020 13:00**	11.203	5.093	
217	**15/10/2020 14:00**	11.203	5.089	
218	**15/10/2020 15:00**	11.409	5.104	
219	**15/10/2020 16:00**	11.461	5.099	

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220	**15/10/2020 17:00**	11.306	5.097	
221	**15/10/2020 18:00**	11.409	5.087	
222	**15/10/2020 19:00**	11.305	5.090	
223	**15/10/2020 20:00**	11.305	5.084	
224	**15/10/2020 21:00**	11.254	5.092	
225	**15/10/2020 22:00**	11.357	5.076	
226	**15/10/2020 23:00**	11.254	5.088	
227	**16/10/2020 00:00**	11.202	5.083	
228	**16/10/2020 01:00**	11.254	5.084	
229	**16/10/2020 02:00**	11.202	5.088	
230	**16/10/2020 03:00**	11.357	5.079	
231	**16/10/2020 04:00**	11.254	5.091	
232	**16/10/2020 05:00**	11.357	5.092	
233	**16/10/2020 06:00**	11.358	5.083	
234	**16/10/2020 07:00**	11.305	5.082	
235	**16/10/2020 08:00**	11.306	5.079	
236	**16/10/2020 09:00**	11.306	5.082	
237	**16/10/2020 10:00**	11.254	5.083	
238	**16/10/2020 11:00**	11.203	5.082	
239	**16/10/2020 12:00**	11.357	5.076	
240	**16/10/2020 13:00**	11.202	5.084	
241	**16/10/2020 14:00**	11.255	5.079	
242	**16/10/2020 15:00**	11.358	5.077	
243	**16/10/2020 16:00**	11.461	5.087	
244	**16/10/2020 17:00**	11.358	5.085	
245	**16/10/2020 18:00**	11.358	5.074	
246	**16/10/2020 19:00**	11.358	5.088	
247	**16/10/2020 20:00**	11.358	5.087	
248	**16/10/2020 21:00**	11.202	5.078	
249	**16/10/2020 22:00**	11.409	5.088	
250	**16/10/2020 23:00**	11.255	5.091	
251	**17/10/2020 00:00**	11.254	5.072	
252	**17/10/2020 01:00**	11.254	5.076	
253	**17/10/2020 02:00**	11.358	5.081	
254	**17/10/2020 03:00**	11.254	5.079	
255	**17/10/2020 04:00**	11.306	5.080	
256	**17/10/2020 05:00**	11.357	5.084	
257	**17/10/2020 06:00**	11.409	5.083	
258	**17/10/2020 07:00**	11.358	5.083	
259	**17/10/2020 08:00**	11.306	5.079	
260	**17/10/2020 09:00**	11.409	5.081	
261	**17/10/2020 10:00**	11.254	5.084	
262	**17/10/2020 11:00**	11.305	5.076	
263	**17/10/2020 12:00**	11.357	5.079	
264	**17/10/2020 13:00**	11.254	5.086	
265	**17/10/2020 14:00**	11.357	5.085	
266	**17/10/2020 15:00**	11.151	5.077	
267	**17/10/2020 16:00**	11.305	5.076	
268	**17/10/2020 17:00**	11.409	5.083	
269	**17/10/2020 18:00**	11.358	5.078	
270	**17/10/2020 19:00**	11.461	5.092	
271	**17/10/2020 20:00**	11.306	5.086	
272	**17/10/2020 21:00**	11.357	5.074	
273	**17/10/2020 22:00**	11.255	5.077	
274	**17/10/2020 23:00**	11.305	5.073	

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275	**18/10/2020 00:00**	11.358	5.066	
276	**18/10/2020 01:00**	11.409	5.068	
277	**18/10/2020 02:00**	11.358	5.076	
278	**18/10/2020 03:00**	11.306	5.077	
279	**18/10/2020 04:00**	11.357	5.073	
280	**18/10/2020 05:00**	11.357	5.074	
281	**18/10/2020 06:00**	11.254	5.081	
282	**18/10/2020 07:00**	11.357	5.063	
283	**18/10/2020 08:00**	11.306	5.064	
284	**18/10/2020 09:00**	11.306	5.069	
285	**18/10/2020 10:00**	11.202	5.059	
286	**18/10/2020 11:00**	11.358	5.059	
287	**18/10/2020 12:00**	11.358	5.056	
288	**18/10/2020 13:00**	11.254	5.060	
289	**18/10/2020 14:00**	11.203	5.047	
290	**18/10/2020 15:00**	11.254	5.061	
291	**18/10/2020 16:00**	11.254	5.051	
292	**18/10/2020 17:00**	11.564	5.048	
293	**18/10/2020 18:00**	11.202	5.053	
294	**18/10/2020 19:00**	11.306	5.053	
295	**18/10/2020 20:00**	11.305	5.054	
296	**18/10/2020 21:00**	11.409	5.045	
297	**18/10/2020 22:00**	11.357	5.045	
298	**18/10/2020 23:00**	11.357	5.045	
299	**19/10/2020 00:00**	11.357	5.048	
300	**19/10/2020 01:00**	11.254	5.054	
301	**19/10/2020 02:00**	11.358	5.051	
302	**19/10/2020 03:00**	11.358	5.051	
303	**19/10/2020 04:00**	11.306	5.046	
304	**19/10/2020 05:00**	11.254	5.030	
305	**19/10/2020 06:00**	11.357	5.047	
306	**19/10/2020 07:00**	11.461	5.045	
307	**19/10/2020 08:00**	11.306	5.035	
308	**19/10/2020 09:00**	11.357	5.053	
309	**19/10/2020 10:00**	11.254	5.035	
310	**19/10/2020 11:00**	11.357	5.058	
311	**19/10/2020 12:00**	11.357	5.044	
312	**19/10/2020 13:00**	11.305	5.047	
313	**19/10/2020 14:00**	11.305	5.039	
314	**19/10/2020 15:00**	11.254	5.039	
315	**19/10/2020 16:00**	11.151	5.051	
316	**19/10/2020 17:00**	11.306	5.046	
317	**19/10/2020 18:00**	11.357	5.044	
318	**19/10/2020 19:00**	11.357	5.035	
319	**19/10/2020 20:00**	11.409	5.046	
320	**19/10/2020 21:00**	11.358	5.049	
321	**19/10/2020 22:00**	11.305	5.045	
322	**19/10/2020 23:00**	11.254	5.050	
323	**20/10/2020 00:00**	11.202	5.040	
324	**20/10/2020 01:00**	11.254	5.038	
325	**20/10/2020 02:00**	11.305	5.038	
326	**20/10/2020 03:00**	11.254	5.030	
327	**20/10/2020 04:00**	11.306	5.040	
328	**20/10/2020 05:00**	11.254	5.044	
329	**20/10/2020 06:00**	11.306	5.041	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**20/10/2020 07:00**	11.306	5.035	
331	**20/10/2020 08:00**	11.409	5.032	
332	**20/10/2020 09:00**	11.357	5.041	
333	**20/10/2020 10:00**	11.357	5.038	
334	**20/10/2020 11:00**	11.306	5.050	
335	**20/10/2020 12:00**	11.254	5.037	
336	**20/10/2020 13:00**	11.305	5.033	
337	**20/10/2020 14:00**	11.513	5.036	
338	**20/10/2020 15:00**	11.357	5.046	
339	**20/10/2020 16:00**	11.203	5.042	
340	**20/10/2020 17:00**	11.254	5.039	
341	**20/10/2020 18:00**	11.255	5.042	
342	**20/10/2020 19:00**	11.461	5.038	
343	**20/10/2020 20:00**	11.357	5.047	
344	**20/10/2020 21:00**	11.357	5.037	
345	**20/10/2020 22:00**	11.357	5.055	
346	**20/10/2020 23:00**	11.306	5.051	
347	**21/10/2020 00:00**	11.357	5.037	
348	**21/10/2020 01:00**	11.202	5.049	
349	**21/10/2020 02:00**	11.254	5.047	
350	**21/10/2020 03:00**	11.358	5.051	
351	**21/10/2020 04:00**	11.203	5.039	
352	**21/10/2020 05:00**	11.305	5.043	
353	**21/10/2020 06:00**	11.357	5.035	
354	**21/10/2020 07:00**	11.409	5.029	
355	**21/10/2020 08:00**	11.461	5.029	
356	**21/10/2020 09:00**	11.306	5.037	
357	**21/10/2020 10:00**	11.254	5.031	
358	**21/10/2020 11:00**	11.306	5.038	
359	**21/10/2020 12:00**	11.409	5.032	
360	**21/10/2020 13:00**	11.358	5.037	
361	**21/10/2020 14:00**	11.255	5.033	
362	**21/10/2020 15:00**	11.306	5.035	
363	**21/10/2020 16:00**	11.203	5.044	
364	**21/10/2020 17:00**	11.357	5.038	
365	**21/10/2020 18:00**	11.151	5.047	
366	**21/10/2020 19:00**	11.357	5.042	
367	**21/10/2020 20:00**	11.306	5.034	
368	**21/10/2020 21:00**	11.254	5.033	
369	**21/10/2020 22:00**	11.357	5.042	
370	**21/10/2020 23:00**	11.306	5.031	
371	**22/10/2020 00:00**	11.202	5.023	
372	**22/10/2020 01:00**	11.254	5.028	
373	**22/10/2020 02:00**	11.099	5.038	
374	**22/10/2020 03:00**	11.410	5.031	
375	**22/10/2020 04:00**	11.305	5.044	
376	**22/10/2020 05:00**	11.357	5.030	
377	**22/10/2020 06:00**	11.203	5.026	
378	**22/10/2020 07:00**	11.151	5.028	
379	**22/10/2020 08:00**	11.513	5.025	
380	**22/10/2020 09:00**	11.357	5.033	
381	**22/10/2020 10:00**	11.357	5.030	
382	**22/10/2020 11:00**	11.358	5.036	
383	**22/10/2020 12:00**	11.306	5.030	
384	**22/10/2020 13:00**	11.306	5.038	

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385	**22/10/2020 14:00**	11.254	5.029	
386	**22/10/2020 15:00**	11.305	5.024	
387	**22/10/2020 16:00**	11.409	5.025	
388	**22/10/2020 17:00**	11.254	5.038	
389	**22/10/2020 18:00**	11.203	5.035	
390	**22/10/2020 19:00**	11.358	5.023	
391	**22/10/2020 20:00**	11.357	5.027	
392	**22/10/2020 21:00**	11.357	5.029	
393	**22/10/2020 22:00**	11.357	5.021	
394	**22/10/2020 23:00**	11.306	5.034	
395	**23/10/2020 00:00**	11.357	5.023	
396	**23/10/2020 01:00**	11.306	5.016	
397	**23/10/2020 02:00**	11.254	5.025	
398	**23/10/2020 03:00**	11.254	5.028	
399	**23/10/2020 04:00**	11.150	5.027	
400	**23/10/2020 05:00**	11.202	5.014	
401	**23/10/2020 06:00**	11.254	5.017	
402	**23/10/2020 07:00**	11.305	5.018	
403	**23/10/2020 08:00**	11.306	5.009	
404	**23/10/2020 09:00**	11.306	5.024	
405	**23/10/2020 10:00**	11.202	5.012	
406	**23/10/2020 11:00**	11.254	5.018	
407	**23/10/2020 12:00**	11.306	5.018	
408	**23/10/2020 13:00**	11.306	5.016	
409	**23/10/2020 14:00**	11.357	5.020	
410	**23/10/2020 15:00**	11.203	5.021	
411	**23/10/2020 16:00**	11.358	5.027	
412	**23/10/2020 17:00**	11.410	5.022	
413	**23/10/2020 18:00**	11.151	5.024	
414	**23/10/2020 19:00**	11.202	5.019	
415	**23/10/2020 20:00**	11.513	5.016	
416	**23/10/2020 21:00**	11.306	5.025	
417	**23/10/2020 22:00**	11.409	5.016	
418	**23/10/2020 23:00**	11.306	5.012	
419	**24/10/2020 00:00**	11.202	5.007	
420	**24/10/2020 01:00**	11.461	5.007	
421	**24/10/2020 02:00**	11.254	5.015	
422	**24/10/2020 03:00**	11.564	5.001	
423	**24/10/2020 04:00**	11.254	5.013	
424	**24/10/2020 05:00**	11.306	5.005	
425	**24/10/2020 06:00**	11.151	5.018	
426	**24/10/2020 07:00**	11.305	5.013	
427	**24/10/2020 08:00**	11.306	5.002	
428	**24/10/2020 09:00**	11.151	5.021	
429	**24/10/2020 10:00**	11.254	5.010	
430	**24/10/2020 11:00**	11.150	5.018	
431	**24/10/2020 12:00**	11.254	5.019	
432	**24/10/2020 13:00**	11.254	5.000	
433	**24/10/2020 14:00**	11.202	5.010	
434	**24/10/2020 15:00**	11.512	5.014	
435	**24/10/2020 16:00**	11.305	5.010	
436	**24/10/2020 17:00**	11.358	5.010	
437	**24/10/2020 18:00**	11.203	5.012	
438	**24/10/2020 19:00**	11.202	5.017	
439	**24/10/2020 20:00**	11.203	5.015	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**24/10/2020 21:00**	11.203	5.010	
441	**24/10/2020 22:00**	11.305	5.006	
442	**24/10/2020 23:00**	11.358	5.010	
443	**25/10/2020 00:00**	11.306	5.014	
444	**25/10/2020 01:00**	11.254	5.001	
445	**25/10/2020 02:00**	11.306	5.008	
446	**25/10/2020 02:00**	11.254	4.994	
447	**25/10/2020 03:00**	11.202	4.997	
448	**25/10/2020 04:00**	11.409	5.007	
449	**25/10/2020 05:00**	11.357	5.010	
450	**25/10/2020 06:00**	11.151	5.006	
451	**25/10/2020 07:00**	11.409	5.014	
452	**25/10/2020 08:00**	11.461	5.005	
453	**25/10/2020 09:00**	11.151	5.001	
454	**25/10/2020 10:00**	11.255	5.009	
455	**25/10/2020 11:00**	11.357	5.001	
456	**25/10/2020 12:00**	11.306	5.008	
457	**25/10/2020 13:00**	11.461	5.006	
458	**25/10/2020 14:00**	11.306	5.002	
459	**25/10/2020 15:00**	11.461	5.015	
460	**25/10/2020 16:00**	11.254	5.001	
461	**25/10/2020 17:00**	11.254	5.003	
462	**25/10/2020 18:00**	11.357	5.001	
463	**25/10/2020 19:00**	11.305	5.003	
464	**25/10/2020 20:00**	11.357	4.992	
465	**25/10/2020 21:00**	11.151	5.012	
466	**25/10/2020 22:00**	11.254	5.003	
467	**25/10/2020 23:00**	11.357	5.013	
468	**26/10/2020 00:00**	11.409	5.008	
469	**26/10/2020 01:00**	11.306	5.001	
470	**26/10/2020 02:00**	11.254	4.996	
471	**26/10/2020 03:00**	11.513	5.007	
472	**26/10/2020 04:00**	11.306	4.999	
473	**26/10/2020 05:00**	11.358	4.998	
474	**26/10/2020 06:00**	11.254	4.998	
475	**26/10/2020 07:00**	11.461	4.984	
476	**26/10/2020 08:00**	11.357	4.997	
477	**26/10/2020 09:00**	11.202	4.999	
478	**26/10/2020 10:00**	11.254	4.993	
479	**26/10/2020 11:00**	11.254	4.991	
480	**26/10/2020 12:00**	11.202	4.999	
481	**26/10/2020 13:00**	11.306	4.984	
482	**26/10/2020 14:00**	11.513	4.999	
483	**26/10/2020 15:00**	11.306	4.994	
484	**26/10/2020 16:00**	11.306	4.988	
485	**26/10/2020 17:00**	11.254	4.985	
486	**26/10/2020 18:00**	11.357	4.991	
487	**26/10/2020 19:00**	11.203	4.997	
488	**26/10/2020 20:00**	11.306	4.982	
489	**26/10/2020 21:00**	11.099	4.991	
490	**26/10/2020 22:00**	11.151	4.986	
491	**26/10/2020 23:00**	11.409	4.993	
492	**27/10/2020 00:00**	11.357	4.983	
493	**27/10/2020 01:00**	11.254	4.998	
494	**27/10/2020 02:00**	11.306	4.984	

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495	**27/10/2020 03:00**	11.409	4.987	
496	**27/10/2020 04:00**	11.202	4.986	
497	**27/10/2020 05:00**	11.150	4.976	
498	**27/10/2020 06:00**	11.357	4.984	
499	**27/10/2020 07:00**	11.306	4.982	
500	**27/10/2020 08:00**	11.202	4.986	
501	**27/10/2020 09:00**	11.306	4.977	
502	**27/10/2020 10:00**	11.254	4.982	
503	**27/10/2020 11:00**	11.254	4.974	
504	**27/10/2020 12:00**	11.202	4.994	
505	**27/10/2020 13:00**	11.306	4.976	
506	**27/10/2020 14:00**	11.150	4.981	
507	**27/10/2020 15:00**	11.306	4.977	
508	**27/10/2020 16:00**	11.409	4.969	
509	**27/10/2020 17:00**	11.202	4.978	
510	**27/10/2020 18:00**	11.151	4.981	
511	**27/10/2020 19:00**	11.203	4.983	
512	**27/10/2020 20:00**	11.254	4.977	
513	**27/10/2020 21:00**	11.306	4.979	
514	**27/10/2020 22:00**	11.512	4.972	
515	**27/10/2020 23:00**	11.150	4.977	
516	**28/10/2020 00:00**	11.150	4.970	
517	**28/10/2020 01:00**	11.254	4.960	
518	**28/10/2020 02:00**	11.461	4.969	
519	**28/10/2020 03:00**	11.306	4.980	
520	**28/10/2020 04:00**	11.358	4.965	
521	**28/10/2020 05:00**	11.564	4.979	
522	**28/10/2020 06:00**	11.202	4.969	
523	**28/10/2020 07:00**	11.305	4.969	
524	**28/10/2020 08:00**	11.099	4.969	
525	**28/10/2020 09:00**	11.254	4.961	
526	**28/10/2020 10:00**	11.254	4.962	
527	**28/10/2020 11:00**	11.203	4.972	
528	**28/10/2020 12:00**	11.151	4.962	
529	**28/10/2020 13:00**	11.202	4.962	
530	**28/10/2020 14:00**	11.357	4.970	
531	**28/10/2020 15:00**	11.202	4.951	
532	**28/10/2020 16:00**	11.306	4.960	
533	**28/10/2020 17:00**	11.150	4.949	
534	**28/10/2020 18:00**	11.202	4.963	
535	**28/10/2020 19:00**	11.306	4.956	
536	**28/10/2020 20:00**	11.306	4.964	
537	**28/10/2020 21:00**	11.409	4.961	
538	**28/10/2020 22:00**	11.151	4.951	
539	**28/10/2020 23:00**	11.203	4.950	
540	**29/10/2020 00:00**	11.151	4.947	
541	**29/10/2020 01:00**	11.461	4.946	
542	**29/10/2020 02:00**	11.564	4.950	
543	**29/10/2020 03:00**	11.254	4.954	
544	**29/10/2020 04:00**	11.357	4.948	
545	**29/10/2020 05:00**	11.202	4.951	
546	**29/10/2020 06:00**	11.513	4.945	
547	**29/10/2020 07:00**	11.254	4.954	
548	**29/10/2020 08:00**	11.150	4.953	
549	**29/10/2020 09:00**	11.305	4.941	

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550	**29/10/2020 10:00**	11.254	4.952	
551	**29/10/2020 11:00**	11.305	4.934	
552	**29/10/2020 12:00**	11.254	4.934	
553	**29/10/2020 13:00**	11.461	4.945	
554	**29/10/2020 14:00**	11.409	4.939	
555	**29/10/2020 15:00**	11.461	4.932	
556	**29/10/2020 16:00**	11.357	4.948	
557	**29/10/2020 17:00**	11.254	4.933	
558	**29/10/2020 18:00**	11.202	4.950	
559	**29/10/2020 19:00**	11.202	4.936	
560	**29/10/2020 20:00**	11.099	4.941	
561	**29/10/2020 21:00**	11.357	4.933	
562	**29/10/2020 22:00**	11.150	4.935	
563	**29/10/2020 23:00**	11.203	4.926	
564	**30/10/2020 00:00**	11.357	4.933	
565	**30/10/2020 01:00**	11.564	4.925	
566	**30/10/2020 02:00**	11.306	4.935	
567	**30/10/2020 03:00**	11.306	4.938	
568	**30/10/2020 04:00**	11.409	4.921	
569	**30/10/2020 05:00**	11.357	4.931	
570	**30/10/2020 06:00**	11.513	4.932	
571	**30/10/2020 07:00**	11.306	4.925	
572	**30/10/2020 08:00**	11.098	4.927	
573	**30/10/2020 09:00**	11.202	4.928	
574	**30/10/2020 10:00**	11.099	4.936	
575	**30/10/2020 11:00**	11.202	4.924	
576	**30/10/2020 12:00**	11.202	4.923	
577	**30/10/2020 13:00**	11.099	4.926	
578	**30/10/2020 14:00**	11.305	4.912	
579	**30/10/2020 15:00**	11.358	4.923	
580	**30/10/2020 16:00**	11.150	4.927	
581	**30/10/2020 17:00**	11.306	4.913	
582	**30/10/2020 18:00**	11.357	4.932	
583	**30/10/2020 19:00**	11.358	4.921	
584	**30/10/2020 20:00**	11.098	4.921	
585	**30/10/2020 21:00**	11.150	4.922	
586	**30/10/2020 22:00**	11.306	4.911	
587	**30/10/2020 23:00**	11.357	4.921	
588	**31/10/2020 00:00**	11.305	4.907	
589	**31/10/2020 01:00**	11.461	4.912	
590	**31/10/2020 02:00**	11.409	4.908	
591	**31/10/2020 03:00**	11.306	4.909	
592	**31/10/2020 04:00**	11.254	4.916	
593	**31/10/2020 05:00**	11.513	4.921	
594	**31/10/2020 06:00**	11.358	4.915	
595	**31/10/2020 07:00**	11.513	4.915	
596	**31/10/2020 08:00**	11.202	4.906	
597	**31/10/2020 09:00**	11.254	4.911	
598	**31/10/2020 10:00**	11.098	4.917	
599	**31/10/2020 11:00**	11.254	4.925	
600	**31/10/2020 12:00**	11.513	4.906	
601	**31/10/2020 13:00**	11.409	4.910	
602	**31/10/2020 14:00**	11.047	4.907	
603	**31/10/2020 15:00**	11.409	4.913	
604	**31/10/2020 16:00**	11.254	4.923	

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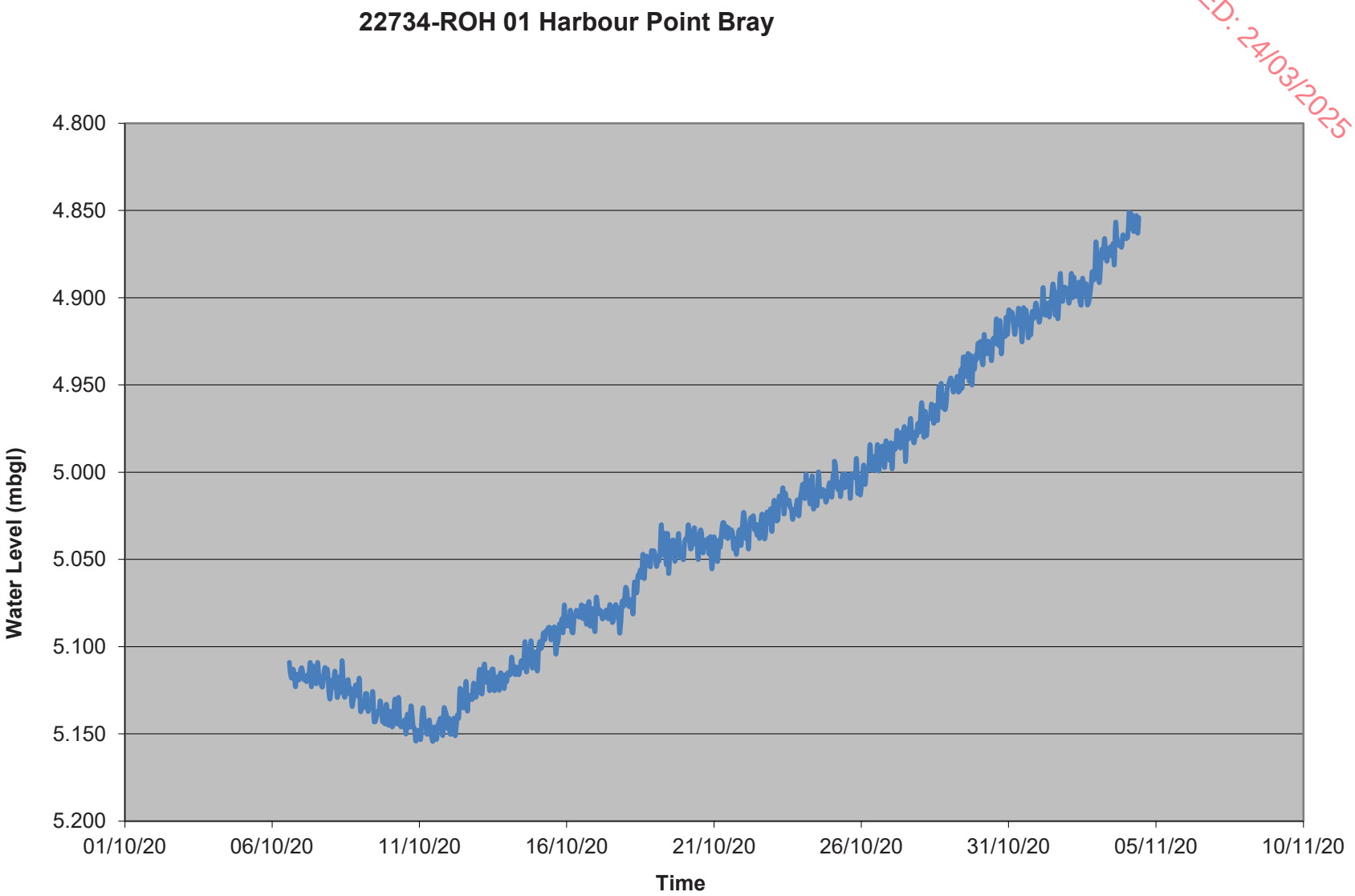
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**31/10/2020 17:00**	11.202	4.915	
606	**31/10/2020 18:00**	11.254	4.921	
607	**31/10/2020 19:00**	11.564	4.908	
608	**31/10/2020 20:00**	11.098	4.912	
609	**31/10/2020 21:00**	11.254	4.909	
610	**31/10/2020 22:00**	11.202	4.903	
611	**31/10/2020 23:00**	11.306	4.906	
612	**01/11/2020 00:00**	11.203	4.911	
613	**01/11/2020 01:00**	11.254	4.914	
614	**01/11/2020 02:00**	11.255	4.909	
615	**01/11/2020 03:00**	11.202	4.908	
616	**01/11/2020 04:00**	11.202	4.894	
617	**01/11/2020 05:00**	11.306	4.909	
618	**01/11/2020 06:00**	11.409	4.910	
619	**01/11/2020 07:00**	11.409	4.907	
620	**01/11/2020 08:00**	11.461	4.903	
621	**01/11/2020 09:00**	11.357	4.911	
622	**01/11/2020 10:00**	11.150	4.905	
623	**01/11/2020 11:00**	11.461	4.899	
624	**01/11/2020 12:00**	11.150	4.892	
625	**01/11/2020 13:00**	11.305	4.897	
626	**01/11/2020 14:00**	11.151	4.910	
627	**01/11/2020 15:00**	11.409	4.897	
628	**01/11/2020 16:00**	11.357	4.912	
629	**01/11/2020 17:00**	11.564	4.900	
630	**01/11/2020 18:00**	11.306	4.886	
631	**01/11/2020 19:00**	11.306	4.901	
632	**01/11/2020 20:00**	11.409	4.902	
633	**01/11/2020 21:00**	11.409	4.894	
634	**01/11/2020 22:00**	11.150	4.894	
635	**01/11/2020 23:00**	11.150	4.897	
636	**02/11/2020 00:00**	11.306	4.895	
637	**02/11/2020 01:00**	11.150	4.903	
638	**02/11/2020 02:00**	11.357	4.897	
639	**02/11/2020 03:00**	11.358	4.886	
640	**02/11/2020 04:00**	11.254	4.900	
641	**02/11/2020 05:00**	11.306	4.888	
642	**02/11/2020 06:00**	11.461	4.899	
643	**02/11/2020 07:00**	11.254	4.897	
644	**02/11/2020 08:00**	11.357	4.899	
645	**02/11/2020 09:00**	11.306	4.891	
646	**02/11/2020 10:00**	11.564	4.902	
647	**02/11/2020 11:00**	11.150	4.904	
648	**02/11/2020 12:00**	11.357	4.889	
649	**02/11/2020 13:00**	11.150	4.894	
650	**02/11/2020 14:00**	11.150	4.897	
651	**02/11/2020 15:00**	11.150	4.892	
652	**02/11/2020 16:00**	11.202	4.904	
653	**02/11/2020 17:00**	11.357	4.903	
654	**02/11/2020 18:00**	11.306	4.899	
655	**02/11/2020 19:00**	11.358	4.893	
656	**02/11/2020 20:00**	11.358	4.885	
657	**02/11/2020 21:00**	11.306	4.890	
658	**02/11/2020 22:00**	11.461	4.888	
659	**02/11/2020 23:00**	11.150	4.868	

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660	**03/11/2020 00:00**	11.305	4.880	
661	**03/11/2020 01:00**	11.306	4.888	
662	**03/11/2020 02:00**	11.151	4.891	
663	**03/11/2020 03:00**	11.254	4.879	
664	**03/11/2020 04:00**	11.409	4.872	
665	**03/11/2020 05:00**	11.202	4.877	
666	**03/11/2020 06:00**	11.357	4.866	
667	**03/11/2020 07:00**	11.564	4.875	
668	**03/11/2020 08:00**	11.098	4.879	
669	**03/11/2020 09:00**	11.202	4.874	
670	**03/11/2020 10:00**	11.254	4.872	
671	**03/11/2020 11:00**	11.357	4.871	
672	**03/11/2020 12:00**	11.254	4.876	
673	**03/11/2020 13:00**	11.202	4.869	
674	**03/11/2020 14:00**	11.254	4.881	
675	**03/11/2020 15:00**	11.151	4.857	
676	**03/11/2020 16:00**	11.254	4.865	
677	**03/11/2020 17:00**	11.565	4.868	
678	**03/11/2020 18:00**	11.461	4.870	
679	**03/11/2020 19:00**	11.306	4.868	
680	**03/11/2020 20:00**	11.565	4.871	
681	**03/11/2020 21:00**	11.358	4.864	
682	**03/11/2020 22:00**	11.098	4.866	
683	**03/11/2020 23:00**	11.202	4.866	
684	**04/11/2020 00:00**	11.254	4.866	
685	**04/11/2020 01:00**	11.202	4.865	
686	**04/11/2020 02:00**	11.254	4.851	
687	**04/11/2020 03:00**	11.203	4.852	
688	**04/11/2020 04:00**	11.150	4.852	
689	**04/11/2020 05:00**	11.461	4.860	
690	**04/11/2020 06:00**	11.202	4.862	
691	**04/11/2020 07:00**	11.202	4.857	
692	**04/11/2020 08:00**	11.357	4.853	
693	**04/11/2020 09:00**	11.254	4.863	
694	**04/11/2020 10:00**	11.202	4.854	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**04/11/2020 13:00**	11.766	4.824	
2	**04/11/2020 14:00**	11.662	4.827	
3	**04/11/2020 15:00**	11.714	4.831	
4	**04/11/2020 16:00**	11.662	4.834	
5	**04/11/2020 17:00**	11.662	4.827	
6	**04/11/2020 18:00**	11.610	4.830	
7	**04/11/2020 19:00**	11.662	4.829	
8	**04/11/2020 20:00**	11.662	4.827	
9	**04/11/2020 21:00**	11.662	4.829	
10	**04/11/2020 22:00**	11.662	4.833	
11	**04/11/2020 23:00**	11.610	4.836	
12	**05/11/2020 00:00**	11.662	4.836	
13	**05/11/2020 01:00**	11.662	4.827	
14	**05/11/2020 02:00**	11.610	4.828	
15	**05/11/2020 03:00**	11.610	4.820	
16	**05/11/2020 04:00**	11.610	4.822	
17	**05/11/2020 05:00**	11.662	4.828	
18	**05/11/2020 06:00**	11.662	4.825	
19	**05/11/2020 07:00**	11.662	4.830	
20	**05/11/2020 08:00**	11.610	4.824	
21	**05/11/2020 09:00**	11.662	4.836	
22	**05/11/2020 10:00**	11.662	4.824	
23	**05/11/2020 11:00**	11.662	4.825	
24	**05/11/2020 12:00**	11.662	4.826	
25	**05/11/2020 13:00**	11.610	4.830	
26	**05/11/2020 14:00**	11.662	4.829	
27	**05/11/2020 15:00**	11.662	4.831	
28	**05/11/2020 16:00**	11.610	4.823	
29	**05/11/2020 17:00**	11.610	4.828	
30	**05/11/2020 18:00**	11.662	4.832	
31	**05/11/2020 19:00**	11.610	4.822	
32	**05/11/2020 20:00**	11.610	4.826	
33	**05/11/2020 21:00**	11.610	4.821	
34	**05/11/2020 22:00**	11.610	4.826	
35	**05/11/2020 23:00**	11.662	4.820	
36	**06/11/2020 00:00**	11.610	4.823	
37	**06/11/2020 01:00**	11.662	4.813	
38	**06/11/2020 02:00**	11.662	4.821	
39	**06/11/2020 03:00**	11.610	4.821	
40	**06/11/2020 04:00**	11.610	4.825	
41	**06/11/2020 05:00**	11.662	4.818	
42	**06/11/2020 06:00**	11.610	4.822	
43	**06/11/2020 07:00**	11.610	4.817	
44	**06/11/2020 08:00**	11.610	4.816	
45	**06/11/2020 09:00**	11.662	4.820	
46	**06/11/2020 10:00**	11.662	4.816	
47	**06/11/2020 11:00**	11.662	4.816	
48	**06/11/2020 12:00**	11.610	4.812	
49	**06/11/2020 13:00**	11.610	4.808	
50	**06/11/2020 14:00**	11.610	4.809	
51	**06/11/2020 15:00**	11.610	4.811	
52	**06/11/2020 16:00**	11.662	4.816	
53	**06/11/2020 17:00**	11.610	4.810	
54	**06/11/2020 18:00**	11.662	4.804	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**06/11/2020 19:00**	11.662	4.815	
56	**06/11/2020 20:00**	11.610	4.806	
57	**06/11/2020 21:00**	11.662	4.809	
58	**06/11/2020 22:00**	11.662	4.815	
59	**06/11/2020 23:00**	11.662	4.807	
60	**07/11/2020 00:00**	11.662	4.810	
61	**07/11/2020 01:00**	11.662	4.813	
62	**07/11/2020 02:00**	11.610	4.805	
63	**07/11/2020 03:00**	11.662	4.810	
64	**07/11/2020 04:00**	11.662	4.814	
65	**07/11/2020 05:00**	11.610	4.815	
66	**07/11/2020 06:00**	11.610	4.806	
67	**07/11/2020 07:00**	11.610	4.808	
68	**07/11/2020 08:00**	11.662	4.816	
69	**07/11/2020 09:00**	11.662	4.810	
70	**07/11/2020 10:00**	11.662	4.817	
71	**07/11/2020 11:00**	11.662	4.810	
72	**07/11/2020 12:00**	11.610	4.814	
73	**07/11/2020 13:00**	11.610	4.808	
74	**07/11/2020 14:00**	11.662	4.819	
75	**07/11/2020 15:00**	11.662	4.816	
76	**07/11/2020 16:00**	11.662	4.815	
77	**07/11/2020 17:00**	11.662	4.804	
78	**07/11/2020 18:00**	11.662	4.814	
79	**07/11/2020 19:00**	11.662	4.813	
80	**07/11/2020 20:00**	11.662	4.818	
81	**07/11/2020 21:00**	11.662	4.809	
82	**07/11/2020 22:00**	11.662	4.811	
83	**07/11/2020 23:00**	11.662	4.817	
84	**08/11/2020 00:00**	11.662	4.820	
85	**08/11/2020 01:00**	11.610	4.821	
86	**08/11/2020 02:00**	11.662	4.815	
87	**08/11/2020 03:00**	11.662	4.813	
88	**08/11/2020 04:00**	11.662	4.812	
89	**08/11/2020 05:00**	11.662	4.819	
90	**08/11/2020 06:00**	11.662	4.810	
91	**08/11/2020 07:00**	11.662	4.809	
92	**08/11/2020 08:00**	11.662	4.811	
93	**08/11/2020 09:00**	11.662	4.822	
94	**08/11/2020 10:00**	11.662	4.820	
95	**08/11/2020 11:00**	11.662	4.839	
96	**08/11/2020 12:00**	11.662	4.840	
97	**08/11/2020 13:00**	11.662	4.845	
98	**08/11/2020 14:00**	11.662	4.837	
99	**08/11/2020 15:00**	11.662	4.850	
100	**08/11/2020 16:00**	11.662	4.852	
101	**08/11/2020 17:00**	11.662	4.843	
102	**08/11/2020 18:00**	11.662	4.842	
103	**08/11/2020 19:00**	11.662	4.843	
104	**08/11/2020 20:00**	11.610	4.843	
105	**08/11/2020 21:00**	11.610	4.855	
106	**08/11/2020 22:00**	11.662	4.847	
107	**08/11/2020 23:00**	11.610	4.844	
108	**09/11/2020 00:00**	11.662	4.848	
109	**09/11/2020 01:00**	11.662	4.849	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**09/11/2020 02:00**	11.662	4.854	
111	**09/11/2020 03:00**	11.662	4.840	
112	**09/11/2020 04:00**	11.662	4.843	
113	**09/11/2020 05:00**	11.662	4.851	
114	**09/11/2020 06:00**	11.610	4.851	
115	**09/11/2020 07:00**	11.662	4.852	
116	**09/11/2020 08:00**	11.610	4.856	
117	**09/11/2020 09:00**	11.662	4.855	
118	**09/11/2020 10:00**	11.662	4.855	
119	**09/11/2020 11:00**	11.662	4.855	
120	**09/11/2020 12:00**	11.662	4.851	
121	**09/11/2020 13:00**	11.610	4.857	
122	**09/11/2020 14:00**	11.662	4.858	
123	**09/11/2020 15:00**	11.662	4.845	
124	**09/11/2020 16:00**	11.662	4.854	
125	**09/11/2020 17:00**	11.610	4.853	
126	**09/11/2020 18:00**	11.610	4.850	
127	**09/11/2020 19:00**	11.662	4.851	
128	**09/11/2020 20:00**	11.662	4.850	
129	**09/11/2020 21:00**	11.662	4.849	
130	**09/11/2020 22:00**	11.662	4.857	
131	**09/11/2020 23:00**	11.662	4.861	
132	**10/11/2020 00:00**	11.662	4.858	
133	**10/11/2020 01:00**	11.662	4.856	
134	**10/11/2020 02:00**	11.662	4.857	
135	**10/11/2020 03:00**	11.662	4.852	
136	**10/11/2020 04:00**	11.610	4.864	
137	**10/11/2020 05:00**	11.662	4.866	
138	**10/11/2020 06:00**	11.662	4.862	
139	**10/11/2020 07:00**	11.662	4.867	
140	**10/11/2020 08:00**	11.662	4.853	
141	**10/11/2020 09:00**	11.662	4.861	
142	**10/11/2020 10:00**	11.662	4.861	
143	**10/11/2020 11:00**	11.817	4.863	
144	**10/11/2020 12:00**	11.714	4.867	
145	**10/11/2020 13:00**	11.714	4.872	
146	**10/11/2020 14:00**	11.714	4.871	
147	**10/11/2020 15:00**	11.714	4.874	
148	**10/11/2020 16:00**	11.714	4.865	
149	**10/11/2020 17:00**	11.662	4.869	
150	**10/11/2020 18:00**	11.714	4.866	
151	**10/11/2020 19:00**	11.662	4.872	
152	**10/11/2020 20:00**	11.714	4.867	
153	**10/11/2020 21:00**	11.662	4.866	
154	**10/11/2020 22:00**	11.714	4.870	
155	**10/11/2020 23:00**	11.662	4.868	
156	**11/11/2020 00:00**	11.662	4.860	
157	**11/11/2020 01:00**	11.714	4.860	
158	**11/11/2020 02:00**	11.714	4.863	
159	**11/11/2020 03:00**	11.714	4.862	
160	**11/11/2020 04:00**	11.662	4.858	
161	**11/11/2020 05:00**	11.662	4.854	
162	**11/11/2020 06:00**	11.714	4.862	
163	**11/11/2020 07:00**	11.714	4.859	
164	**11/11/2020 08:00**	15.252	4.869	

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165	**11/11/2020 09:00**	11.766	4.924	
166	**11/11/2020 10:00**	11.714	4.918	
167	**11/11/2020 11:00**	11.662	4.926	
168	**11/11/2020 12:00**	11.714	4.924	
169	**11/11/2020 13:00**	11.714	4.917	
170	**11/11/2020 14:00**	11.714	4.909	
171	**11/11/2020 15:00**	11.714	4.914	
172	**11/11/2020 16:00**	11.714	4.906	
173	**11/11/2020 17:00**	11.714	4.920	
174	**11/11/2020 18:00**	11.714	4.915	
175	**11/11/2020 19:00**	11.714	4.917	
176	**11/11/2020 20:00**	11.714	4.918	
177	**11/11/2020 21:00**	11.714	4.923	
178	**11/11/2020 22:00**	11.714	4.922	
179	**11/11/2020 23:00**	11.714	4.925	
180	**12/11/2020 00:00**	11.714	4.924	
181	**12/11/2020 01:00**	11.714	4.923	
182	**12/11/2020 02:00**	11.714	4.925	
183	**12/11/2020 03:00**	11.714	4.927	
184	**12/11/2020 04:00**	11.714	4.932	
185	**12/11/2020 05:00**	11.714	4.933	
186	**12/11/2020 06:00**	11.714	4.931	
187	**12/11/2020 07:00**	11.662	4.924	
188	**12/11/2020 08:00**	11.714	4.926	
189	**12/11/2020 09:00**	11.714	4.926	
190	**12/11/2020 10:00**	11.662	4.934	
191	**12/11/2020 11:00**	11.766	4.941	
192	**12/11/2020 12:00**	11.766	4.926	
193	**12/11/2020 13:00**	11.766	4.934	
194	**12/11/2020 14:00**	11.714	4.931	
195	**12/11/2020 15:00**	11.714	4.935	
196	**12/11/2020 16:00**	11.714	4.925	
197	**12/11/2020 17:00**	11.714	4.922	
198	**12/11/2020 18:00**	11.714	4.928	
199	**12/11/2020 19:00**	11.766	4.917	
200	**12/11/2020 20:00**	11.714	4.920	
201	**12/11/2020 21:00**	11.766	4.921	
202	**12/11/2020 22:00**	11.714	4.926	
203	**12/11/2020 23:00**	11.714	4.919	
204	**13/11/2020 00:00**	11.714	4.917	
205	**13/11/2020 01:00**	11.714	4.911	
206	**13/11/2020 02:00**	11.714	4.918	
207	**13/11/2020 03:00**	11.714	4.922	
208	**13/11/2020 04:00**	11.714	4.927	
209	**13/11/2020 05:00**	11.766	4.921	
210	**13/11/2020 06:00**	11.766	4.916	
211	**13/11/2020 07:00**	11.662	4.922	
212	**13/11/2020 08:00**	11.766	4.919	
213	**13/11/2020 09:00**	11.714	4.927	
214	**13/11/2020 10:00**	11.714	4.921	
215	**13/11/2020 11:00**	11.766	4.921	
216	**13/11/2020 12:00**	11.714	4.914	
217	**13/11/2020 13:00**	11.714	4.914	
218	**13/11/2020 14:00**	11.714	4.926	
219	**13/11/2020 15:00**	11.714	4.921	

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220	**13/11/2020 16:00**	11.714	4.924	
221	**13/11/2020 17:00**	11.714	4.924	
222	**13/11/2020 18:00**	11.714	4.921	
223	**13/11/2020 19:00**	11.714	4.922	
224	**13/11/2020 20:00**	11.714	4.920	
225	**13/11/2020 21:00**	11.714	4.912	
226	**13/11/2020 22:00**	11.714	4.910	
227	**13/11/2020 23:00**	11.766	4.909	
228	**14/11/2020 00:00**	11.714	4.916	
229	**14/11/2020 01:00**	11.714	4.911	
230	**14/11/2020 02:00**	11.714	4.913	
231	**14/11/2020 03:00**	11.714	4.907	
232	**14/11/2020 04:00**	11.714	4.907	
233	**14/11/2020 05:00**	11.714	4.903	
234	**14/11/2020 06:00**	11.662	4.896	
235	**14/11/2020 07:00**	11.714	4.895	
236	**14/11/2020 08:00**	11.766	4.894	
237	**14/11/2020 09:00**	11.714	4.890	
238	**14/11/2020 10:00**	11.714	4.891	
239	**14/11/2020 11:00**	11.766	4.883	
240	**14/11/2020 12:00**	11.714	4.889	
241	**14/11/2020 13:00**	11.766	4.874	
242	**14/11/2020 14:00**	11.714	4.871	
243	**14/11/2020 15:00**	11.714	4.870	
244	**14/11/2020 16:00**	11.714	4.864	
245	**14/11/2020 17:00**	11.714	4.871	
246	**14/11/2020 18:00**	11.714	4.873	
247	**14/11/2020 19:00**	11.766	4.872	
248	**14/11/2020 20:00**	11.714	4.870	
249	**14/11/2020 21:00**	11.714	4.868	
250	**14/11/2020 22:00**	11.766	4.866	
251	**14/11/2020 23:00**	11.714	4.857	
252	**15/11/2020 00:00**	11.714	4.851	
253	**15/11/2020 01:00**	11.714	4.848	
254	**15/11/2020 02:00**	11.714	4.844	
255	**15/11/2020 03:00**	11.714	4.848	
256	**15/11/2020 04:00**	11.714	4.834	
257	**15/11/2020 05:00**	11.766	4.839	
258	**15/11/2020 06:00**	11.714	4.837	
259	**15/11/2020 07:00**	11.714	4.824	
260	**15/11/2020 08:00**	11.766	4.828	
261	**15/11/2020 09:00**	11.766	4.824	
262	**15/11/2020 10:00**	11.714	4.818	
263	**15/11/2020 11:00**	11.714	4.822	
264	**15/11/2020 12:00**	11.714	4.817	
265	**15/11/2020 13:00**	11.714	4.822	
266	**15/11/2020 14:00**	11.766	4.815	
267	**15/11/2020 15:00**	11.766	4.814	
268	**15/11/2020 16:00**	11.766	4.818	
269	**15/11/2020 17:00**	11.714	4.815	
270	**15/11/2020 18:00**	11.714	4.812	
271	**15/11/2020 19:00**	11.714	4.819	
272	**15/11/2020 20:00**	11.714	4.812	
273	**15/11/2020 21:00**	11.714	4.807	
274	**15/11/2020 22:00**	11.766	4.808	

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275	**15/11/2020 23:00**	11.766	4.807	
276	**16/11/2020 00:00**	11.714	4.800	
277	**16/11/2020 01:00**	11.714	4.799	
278	**16/11/2020 02:00**	11.714	4.798	
279	**16/11/2020 03:00**	11.714	4.790	
280	**16/11/2020 04:00**	11.766	4.798	
281	**16/11/2020 05:00**	11.766	4.793	
282	**16/11/2020 06:00**	11.766	4.791	
283	**16/11/2020 07:00**	11.766	4.790	
284	**16/11/2020 08:00**	11.714	4.784	
285	**16/11/2020 09:00**	11.714	4.785	
286	**16/11/2020 10:00**	11.766	4.783	
287	**16/11/2020 11:00**	11.714	4.781	
288	**16/11/2020 12:00**	11.714	4.765	
289	**16/11/2020 13:00**	11.714	4.761	
290	**16/11/2020 14:00**	11.714	4.771	
291	**16/11/2020 15:00**	11.714	4.759	
292	**16/11/2020 16:00**	11.714	4.764	
293	**16/11/2020 17:00**	11.766	4.768	
294	**16/11/2020 18:00**	11.766	4.762	
295	**16/11/2020 19:00**	11.714	4.750	
296	**16/11/2020 20:00**	11.714	4.748	
297	**16/11/2020 21:00**	11.714	4.750	
298	**16/11/2020 22:00**	11.714	4.752	
299	**16/11/2020 23:00**	11.766	4.743	
300	**17/11/2020 00:00**	11.714	4.744	
301	**17/11/2020 01:00**	11.714	4.745	
302	**17/11/2020 02:00**	11.766	4.742	
303	**17/11/2020 03:00**	11.714	4.738	
304	**17/11/2020 04:00**	11.714	4.736	
305	**17/11/2020 05:00**	11.714	4.728	
306	**17/11/2020 06:00**	11.714	4.726	
307	**17/11/2020 07:00**	11.714	4.724	
308	**17/11/2020 08:00**	11.714	4.719	
309	**17/11/2020 09:00**	11.714	4.726	
310	**17/11/2020 10:00**	11.714	4.719	
311	**17/11/2020 11:00**	11.714	4.724	
312	**17/11/2020 12:00**	11.714	4.719	
313	**17/11/2020 13:00**	11.766	4.717	
314	**17/11/2020 14:00**	11.714	4.714	
315	**17/11/2020 15:00**	11.714	4.706	
316	**17/11/2020 16:00**	11.766	4.709	
317	**17/11/2020 17:00**	11.766	4.717	
318	**17/11/2020 18:00**	11.766	4.701	
319	**17/11/2020 19:00**	11.714	4.699	
320	**17/11/2020 20:00**	11.766	4.701	
321	**17/11/2020 21:00**	11.714	4.699	
322	**17/11/2020 22:00**	11.766	4.703	
323	**17/11/2020 23:00**	11.714	4.695	
324	**18/11/2020 00:00**	11.714	4.691	
325	**18/11/2020 01:00**	11.714	4.695	
326	**18/11/2020 02:00**	11.714	4.687	
327	**18/11/2020 03:00**	11.714	4.687	
328	**18/11/2020 04:00**	11.766	4.680	
329	**18/11/2020 05:00**	11.714	4.676	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**18/11/2020 06:00**	11.766	4.674	
331	**18/11/2020 07:00**	11.714	4.675	
332	**18/11/2020 08:00**	11.714	4.673	
333	**18/11/2020 09:00**	11.714	4.672	
334	**18/11/2020 10:00**	11.766	4.677	
335	**18/11/2020 11:00**	11.714	4.679	
336	**18/11/2020 12:00**	11.766	4.668	
337	**18/11/2020 13:00**	11.766	4.671	
338	**18/11/2020 14:00**	11.714	4.670	
339	**18/11/2020 15:00**	11.766	4.666	
340	**18/11/2020 16:00**	11.766	4.660	
341	**18/11/2020 17:00**	11.714	4.662	
342	**18/11/2020 18:00**	11.766	4.654	
343	**18/11/2020 19:00**	11.766	4.653	
344	**18/11/2020 20:00**	11.714	4.657	
345	**18/11/2020 21:00**	11.714	4.652	
346	**18/11/2020 22:00**	11.714	4.656	
347	**18/11/2020 23:00**	11.714	4.650	
348	**19/11/2020 00:00**	11.714	4.656	
349	**19/11/2020 01:00**	11.766	4.652	
350	**19/11/2020 02:00**	11.766	4.651	
351	**19/11/2020 03:00**	11.766	4.654	
352	**19/11/2020 04:00**	11.714	4.644	
353	**19/11/2020 05:00**	11.714	4.654	
354	**19/11/2020 06:00**	11.714	4.653	
355	**19/11/2020 07:00**	11.766	4.656	
356	**19/11/2020 08:00**	11.714	4.653	
357	**19/11/2020 09:00**	11.766	4.650	
358	**19/11/2020 10:00**	11.714	4.649	
359	**19/11/2020 11:00**	11.766	4.647	
360	**19/11/2020 12:00**	11.714	4.644	
361	**19/11/2020 13:00**	11.766	4.647	
362	**19/11/2020 14:00**	11.766	4.651	
363	**19/11/2020 15:00**	11.714	4.643	
364	**19/11/2020 16:00**	11.766	4.643	
365	**19/11/2020 17:00**	11.766	4.636	
366	**19/11/2020 18:00**	11.714	4.644	
367	**19/11/2020 19:00**	11.766	4.638	
368	**19/11/2020 20:00**	11.766	4.634	
369	**19/11/2020 21:00**	11.714	4.645	
370	**19/11/2020 22:00**	11.766	4.637	
371	**19/11/2020 23:00**	11.766	4.627	
372	**20/11/2020 00:00**	11.766	4.634	
373	**20/11/2020 01:00**	11.766	4.620	
374	**20/11/2020 02:00**	11.766	4.624	
375	**20/11/2020 03:00**	11.714	4.621	
376	**20/11/2020 04:00**	11.766	4.613	
377	**20/11/2020 05:00**	11.714	4.615	
378	**20/11/2020 06:00**	11.766	4.617	
379	**20/11/2020 07:00**	11.766	4.612	
380	**20/11/2020 08:00**	11.766	4.609	
381	**20/11/2020 09:00**	11.766	4.614	
382	**20/11/2020 10:00**	11.766	4.608	
383	**20/11/2020 11:00**	11.766	4.609	
384	**20/11/2020 12:00**	11.766	4.604	

Project.	**Harbour Point Bray**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**20/11/2020 13:00**	11.766	4.604	
386	**20/11/2020 14:00**	11.766	4.603	
387	**20/11/2020 15:00**	11.714	4.600	
388	**20/11/2020 16:00**	11.766	4.604	
389	**20/11/2020 17:00**	11.714	4.598	
390	**20/11/2020 18:00**	11.766	4.598	
391	**20/11/2020 19:00**	11.766	4.601	
392	**20/11/2020 20:00**	11.766	4.602	
393	**20/11/2020 21:00**	11.714	4.592	
394	**20/11/2020 22:00**	11.766	4.601	
395	**20/11/2020 23:00**	11.766	4.600	
396	**21/11/2020 00:00**	11.766	4.594	
397	**21/11/2020 01:00**	11.766	4.592	
398	**21/11/2020 02:00**	11.766	4.584	
399	**21/11/2020 03:00**	11.766	4.590	
400	**21/11/2020 04:00**	11.766	4.584	
401	**21/11/2020 05:00**	11.766	4.585	
402	**21/11/2020 06:00**	11.714	4.584	
403	**21/11/2020 07:00**	11.766	4.586	
404	**21/11/2020 08:00**	11.766	4.586	
405	**21/11/2020 09:00**	11.766	4.579	
406	**21/11/2020 10:00**	11.766	4.576	
407	**21/11/2020 11:00**	11.766	4.582	
408	**21/11/2020 12:00**	11.714	4.583	
409	**21/11/2020 13:00**	11.766	4.581	
410	**21/11/2020 14:00**	11.766	4.574	
411	**21/11/2020 15:00**	11.714	4.571	
412	**21/11/2020 16:00**	11.766	4.582	
413	**21/11/2020 17:00**	11.766	4.573	
414	**21/11/2020 18:00**	11.766	4.570	
415	**21/11/2020 19:00**	11.766	4.576	
416	**21/11/2020 20:00**	11.766	4.581	
417	**21/11/2020 21:00**	11.766	4.580	
418	**21/11/2020 22:00**	11.766	4.576	
419	**21/11/2020 23:00**	11.766	4.572	
420	**22/11/2020 00:00**	11.766	4.577	
421	**22/11/2020 01:00**	11.766	4.576	
422	**22/11/2020 02:00**	11.766	4.576	
423	**22/11/2020 03:00**	11.766	4.571	
424	**22/11/2020 04:00**	11.766	4.580	
425	**22/11/2020 05:00**	11.766	4.567	
426	**22/11/2020 06:00**	11.766	4.571	
427	**22/11/2020 07:00**	11.766	4.570	
428	**22/11/2020 08:00**	11.766	4.568	
429	**22/11/2020 09:00**	11.766	4.570	
430	**22/11/2020 10:00**	11.766	4.563	
431	**22/11/2020 11:00**	11.766	4.564	
432	**22/11/2020 12:00**	11.766	4.563	
433	**22/11/2020 13:00**	11.766	4.564	
434	**22/11/2020 14:00**	11.766	4.567	
435	**22/11/2020 15:00**	11.766	4.564	
436	**22/11/2020 16:00**	11.766	4.568	
437	**22/11/2020 17:00**	11.766	4.565	
438	**22/11/2020 18:00**	11.766	4.563	
439	**22/11/2020 19:00**	11.766	4.559	

Project.	**Harbour Point Bray**
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Engineer.	**Atkins**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**22/11/2020 20:00**	11.766	4.567	
441	**22/11/2020 21:00**	11.766	4.561	
442	**22/11/2020 22:00**	11.766	4.557	
443	**22/11/2020 23:00**	11.766	4.568	
444	**23/11/2020 00:00**	11.766	4.560	
445	**23/11/2020 01:00**	11.766	4.565	
446	**23/11/2020 02:00**	11.766	4.564	
447	**23/11/2020 03:00**	11.766	4.567	
448	**23/11/2020 04:00**	11.766	4.560	
449	**23/11/2020 05:00**	11.766	4.559	
450	**23/11/2020 06:00**	11.766	4.560	
451	**23/11/2020 07:00**	11.766	4.562	
452	**23/11/2020 08:00**	11.766	4.559	
453	**23/11/2020 09:00**	11.766	4.565	
454	**23/11/2020 10:00**	11.766	4.555	
455	**23/11/2020 11:00**	11.766	4.555	
456	**23/11/2020 12:00**	11.766	4.549	
457	**23/11/2020 13:00**	11.766	4.551	
458	**23/11/2020 14:00**	11.766	4.560	
459	**23/11/2020 15:00**	11.766	4.547	
460	**23/11/2020 16:00**	11.766	4.561	
461	**23/11/2020 17:00**	11.766	4.549	
462	**23/11/2020 18:00**	11.766	4.548	
463	**23/11/2020 19:00**	11.766	4.556	
464	**23/11/2020 20:00**	11.766	4.558	
465	**23/11/2020 21:00**	11.766	4.551	
466	**23/11/2020 22:00**	11.766	4.548	
467	**23/11/2020 23:00**	11.766	4.553	
468	**24/11/2020 00:00**	11.766	4.554	
469	**24/11/2020 01:00**	11.766	4.550	
470	**24/11/2020 02:00**	11.714	4.546	
471	**24/11/2020 03:00**	11.766	4.555	
472	**24/11/2020 04:00**	11.766	4.550	
473	**24/11/2020 05:00**	11.766	4.542	
474	**24/11/2020 06:00**	11.766	4.554	
475	**24/11/2020 07:00**	11.766	4.552	
476	**24/11/2020 08:00**	11.766	4.546	
477	**24/11/2020 09:00**	11.766	4.546	
478	**24/11/2020 10:00**	11.766	4.547	
479	**24/11/2020 11:00**	11.766	4.553	
480	**24/11/2020 12:00**	11.766	4.546	
481	**24/11/2020 13:00**	11.766	4.543	
482	**24/11/2020 14:00**	11.766	4.550	
483	**24/11/2020 15:00**	11.766	4.548	
484	**24/11/2020 16:00**	11.766	4.547	
485	**24/11/2020 17:00**	11.766	4.551	
486	**24/11/2020 18:00**	11.766	4.552	
487	**24/11/2020 19:00**	11.766	4.542	
488	**24/11/2020 20:00**	11.766	4.549	
489	**24/11/2020 21:00**	11.766	4.552	
490	**24/11/2020 22:00**	11.766	4.558	
491	**24/11/2020 23:00**	11.766	4.553	
492	**25/11/2020 00:00**	11.766	4.557	
493	**25/11/2020 01:00**	11.766	4.558	
494	**25/11/2020 02:00**	11.766	4.556	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**25/11/2020 03:00**	11.766	4.562	
496	**25/11/2020 04:00**	11.766	4.557	
497	**25/11/2020 05:00**	11.766	4.561	
498	**25/11/2020 06:00**	11.766	4.555	
499	**25/11/2020 07:00**	11.766	4.562	
500	**25/11/2020 08:00**	11.766	4.554	
501	**25/11/2020 09:00**	11.766	4.556	
502	**25/11/2020 10:00**	11.766	4.559	
503	**25/11/2020 11:00**	11.766	4.564	
504	**25/11/2020 12:00**	11.766	4.563	
505	**25/11/2020 13:00**	11.766	4.561	
506	**25/11/2020 14:00**	11.766	4.565	
507	**25/11/2020 15:00**	11.766	4.562	
508	**25/11/2020 16:00**	11.766	4.563	
509	**25/11/2020 17:00**	11.766	4.567	
510	**25/11/2020 18:00**	11.766	4.565	
511	**25/11/2020 19:00**	11.766	4.566	
512	**25/11/2020 20:00**	11.766	4.567	
513	**25/11/2020 21:00**	11.766	4.564	
514	**25/11/2020 22:00**	11.766	4.566	
515	**25/11/2020 23:00**	11.766	4.562	
516	**26/11/2020 00:00**	11.766	4.568	
517	**26/11/2020 01:00**	11.766	4.564	
518	**26/11/2020 02:00**	11.766	4.574	
519	**26/11/2020 03:00**	11.766	4.563	
520	**26/11/2020 04:00**	11.766	4.571	
521	**26/11/2020 05:00**	11.766	4.568	
522	**26/11/2020 06:00**	11.766	4.568	
523	**26/11/2020 07:00**	11.766	4.565	
524	**26/11/2020 08:00**	11.766	4.567	
525	**26/11/2020 09:00**	11.766	4.569	
526	**26/11/2020 10:00**	11.766	4.566	
527	**26/11/2020 11:00**	11.766	4.567	
528	**26/11/2020 12:00**	11.766	4.571	
529	**26/11/2020 13:00**	11.766	4.570	
530	**26/11/2020 14:00**	11.766	4.566	
531	**26/11/2020 15:00**	11.766	4.573	
532	**26/11/2020 16:00**	11.766	4.572	
533	**26/11/2020 17:00**	11.766	4.567	
534	**26/11/2020 18:00**	11.766	4.568	
535	**26/11/2020 19:00**	11.817	4.571	
536	**26/11/2020 20:00**	11.766	4.580	
537	**26/11/2020 21:00**	11.766	4.575	
538	**26/11/2020 22:00**	11.766	4.574	
539	**26/11/2020 23:00**	11.766	4.577	
540	**27/11/2020 00:00**	11.766	4.577	
541	**27/11/2020 01:00**	11.766	4.567	
542	**27/11/2020 02:00**	11.766	4.566	
543	**27/11/2020 03:00**	11.766	4.570	
544	**27/11/2020 04:00**	11.766	4.571	
545	**27/11/2020 05:00**	11.766	4.575	
546	**27/11/2020 06:00**	11.766	4.571	
547	**27/11/2020 07:00**	11.766	4.580	
548	**27/11/2020 08:00**	11.766	4.577	
549	**27/11/2020 09:00**	11.766	4.573	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**27/11/2020 10:00**	11.766	4.563	
551	**27/11/2020 11:00**	11.766	4.569	
552	**27/11/2020 12:00**	11.766	4.574	
553	**27/11/2020 13:00**	11.766	4.559	
554	**27/11/2020 14:00**	11.766	4.570	
555	**27/11/2020 15:00**	11.766	4.576	
556	**27/11/2020 16:00**	11.766	4.577	
557	**27/11/2020 17:00**	11.766	4.563	
558	**27/11/2020 18:00**	11.766	4.582	
559	**27/11/2020 19:00**	11.766	4.568	
560	**27/11/2020 20:00**	11.766	4.569	
561	**27/11/2020 21:00**	11.766	4.573	
562	**27/11/2020 22:00**	11.766	4.567	
563	**27/11/2020 23:00**	11.766	4.575	
564	**28/11/2020 00:00**	11.766	4.573	
565	**28/11/2020 01:00**	11.817	4.574	
566	**28/11/2020 02:00**	11.817	4.580	
567	**28/11/2020 03:00**	11.766	4.574	
568	**28/11/2020 04:00**	11.766	4.571	
569	**28/11/2020 05:00**	11.766	4.569	
570	**28/11/2020 06:00**	11.766	4.583	
571	**28/11/2020 07:00**	11.766	4.577	
572	**28/11/2020 08:00**	11.766	4.583	
573	**28/11/2020 09:00**	11.766	4.576	
574	**28/11/2020 10:00**	11.766	4.583	
575	**28/11/2020 11:00**	11.766	4.578	
576	**28/11/2020 12:00**	11.766	4.578	
577	**28/11/2020 13:00**	11.766	4.584	
578	**28/11/2020 14:00**	11.766	4.584	
579	**28/11/2020 15:00**	11.766	4.582	
580	**28/11/2020 16:00**	11.766	4.589	
581	**28/11/2020 17:00**	11.766	4.590	
582	**28/11/2020 18:00**	11.817	4.583	
583	**28/11/2020 19:00**	11.766	4.592	
584	**28/11/2020 20:00**	11.817	4.589	
585	**28/11/2020 21:00**	11.766	4.587	
586	**28/11/2020 22:00**	11.766	4.581	
587	**28/11/2020 23:00**	11.766	4.586	
588	**29/11/2020 00:00**	11.766	4.587	
589	**29/11/2020 01:00**	11.766	4.596	
590	**29/11/2020 02:00**	11.766	4.593	
591	**29/11/2020 03:00**	11.766	4.592	
592	**29/11/2020 04:00**	11.766	4.591	
593	**29/11/2020 05:00**	11.766	4.596	
594	**29/11/2020 06:00**	11.766	4.595	
595	**29/11/2020 07:00**	11.766	4.592	
596	**29/11/2020 08:00**	11.766	4.589	
597	**29/11/2020 09:00**	11.766	4.596	
598	**29/11/2020 10:00**	11.766	4.602	
599	**29/11/2020 11:00**	11.766	4.597	
600	**29/11/2020 12:00**	11.817	4.598	
601	**29/11/2020 13:00**	11.766	4.600	
602	**29/11/2020 14:00**	11.766	4.591	
603	**29/11/2020 15:00**	11.766	4.592	
604	**29/11/2020 16:00**	11.766	4.588	

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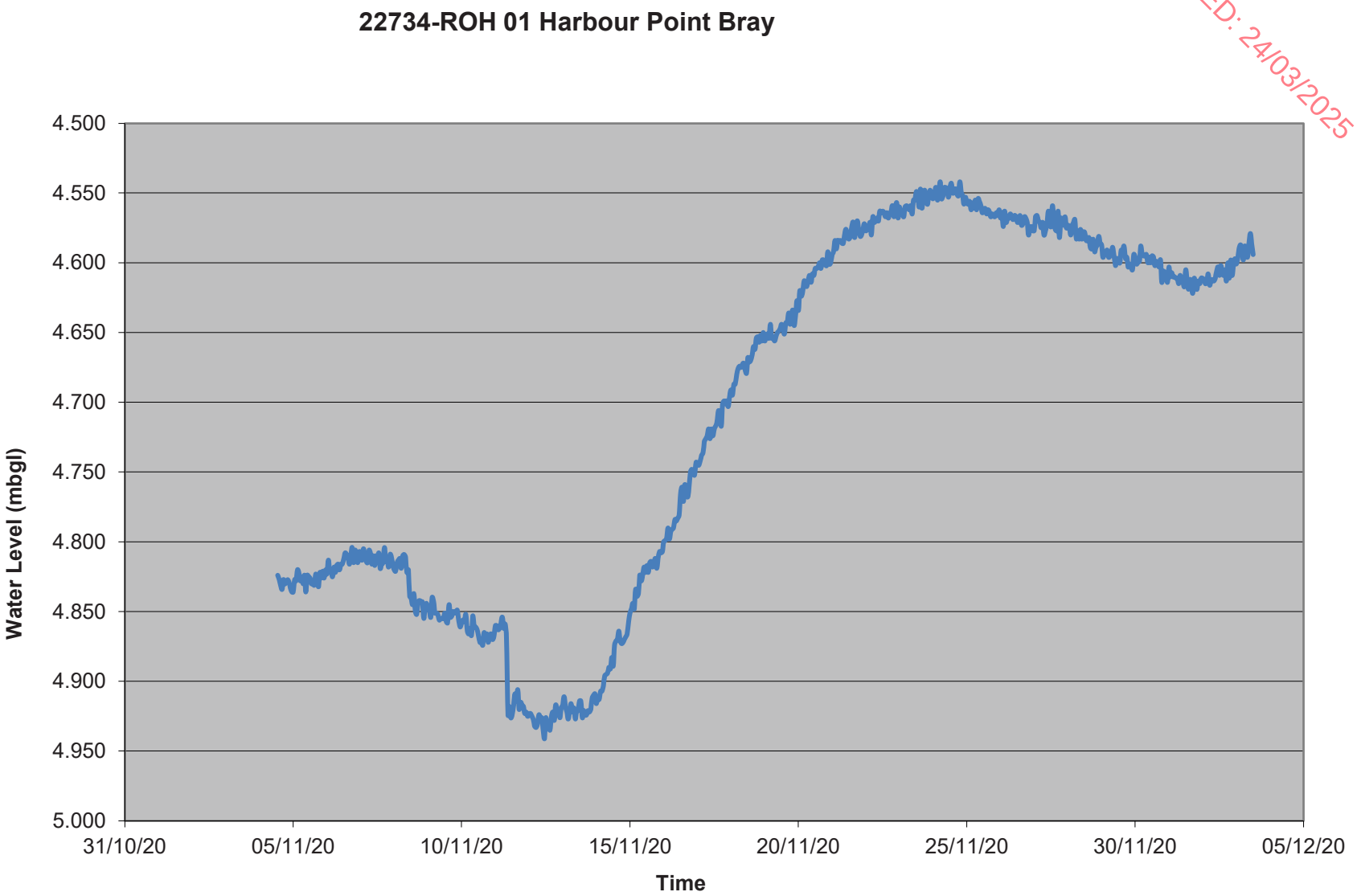
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**29/11/2020 17:00**	11.766	4.597	
606	**29/11/2020 18:00**	11.766	4.596	
607	**29/11/2020 19:00**	11.766	4.603	
608	**29/11/2020 20:00**	11.766	4.601	
609	**29/11/2020 21:00**	11.766	4.602	
610	**29/11/2020 22:00**	11.766	4.605	
611	**29/11/2020 23:00**	11.817	4.594	
612	**30/11/2020 00:00**	11.817	4.596	
613	**30/11/2020 01:00**	11.766	4.601	
614	**30/11/2020 02:00**	11.766	4.599	
615	**30/11/2020 03:00**	11.766	4.599	
616	**30/11/2020 04:00**	11.766	4.588	
617	**30/11/2020 05:00**	11.817	4.594	
618	**30/11/2020 06:00**	11.766	4.595	
619	**30/11/2020 07:00**	11.817	4.595	
620	**30/11/2020 08:00**	11.817	4.594	
621	**30/11/2020 09:00**	11.766	4.600	
622	**30/11/2020 10:00**	11.766	4.596	
623	**30/11/2020 11:00**	11.766	4.600	
624	**30/11/2020 12:00**	11.766	4.595	
625	**30/11/2020 13:00**	11.817	4.596	
626	**30/11/2020 14:00**	11.817	4.602	
627	**30/11/2020 15:00**	11.817	4.599	
628	**30/11/2020 16:00**	11.817	4.600	
629	**30/11/2020 17:00**	11.766	4.603	
630	**30/11/2020 18:00**	11.817	4.598	
631	**30/11/2020 19:00**	11.766	4.614	
632	**30/11/2020 20:00**	11.766	4.606	
633	**30/11/2020 21:00**	11.766	4.607	
634	**30/11/2020 22:00**	11.766	4.607	
635	**30/11/2020 23:00**	11.766	4.614	
636	**01/12/2020 00:00**	11.766	4.603	
637	**01/12/2020 01:00**	11.817	4.610	
638	**01/12/2020 02:00**	11.817	4.607	
639	**01/12/2020 03:00**	11.817	4.610	
640	**01/12/2020 04:00**	11.817	4.610	
641	**01/12/2020 05:00**	11.817	4.611	
642	**01/12/2020 06:00**	11.817	4.611	
643	**01/12/2020 07:00**	11.766	4.615	
644	**01/12/2020 08:00**	11.766	4.609	
645	**01/12/2020 09:00**	11.766	4.613	
646	**01/12/2020 10:00**	11.766	4.614	
647	**01/12/2020 11:00**	11.766	4.617	
648	**01/12/2020 12:00**	11.766	4.605	
649	**01/12/2020 13:00**	11.817	4.613	
650	**01/12/2020 14:00**	11.817	4.619	
651	**01/12/2020 15:00**	11.766	4.612	
652	**01/12/2020 16:00**	11.817	4.614	
653	**01/12/2020 17:00**	11.766	4.622	
654	**01/12/2020 18:00**	11.817	4.611	
655	**01/12/2020 19:00**	11.766	4.617	
656	**01/12/2020 20:00**	11.817	4.619	
657	**01/12/2020 21:00**	11.766	4.613	
658	**01/12/2020 22:00**	11.817	4.615	
659	**01/12/2020 23:00**	11.766	4.611	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**02/12/2020 00:00**	11.766	4.611	
661	**02/12/2020 01:00**	11.766	4.612	
662	**02/12/2020 02:00**	11.817	4.615	
663	**02/12/2020 03:00**	11.817	4.614	
664	**02/12/2020 04:00**	11.766	4.608	
665	**02/12/2020 05:00**	11.817	4.616	
666	**02/12/2020 06:00**	11.817	4.613	
667	**02/12/2020 07:00**	11.817	4.612	
668	**02/12/2020 08:00**	11.766	4.613	
669	**02/12/2020 09:00**	11.817	4.611	
670	**02/12/2020 10:00**	11.766	4.606	
671	**02/12/2020 11:00**	11.817	4.603	
672	**02/12/2020 12:00**	11.817	4.609	
673	**02/12/2020 13:00**	11.817	4.602	
674	**02/12/2020 14:00**	11.817	4.606	
675	**02/12/2020 15:00**	11.817	4.609	
676	**02/12/2020 16:00**	11.766	4.605	
677	**02/12/2020 17:00**	11.766	4.613	
678	**02/12/2020 18:00**	11.817	4.600	
679	**02/12/2020 19:00**	11.817	4.611	
680	**02/12/2020 20:00**	11.817	4.598	
681	**02/12/2020 21:00**	11.817	4.609	
682	**02/12/2020 22:00**	11.766	4.602	
683	**02/12/2020 23:00**	11.766	4.597	
684	**03/12/2020 00:00**	11.817	4.601	
685	**03/12/2020 01:00**	11.817	4.597	
686	**03/12/2020 02:00**	11.766	4.590	
687	**03/12/2020 03:00**	11.817	4.587	
688	**03/12/2020 04:00**	11.766	4.590	
689	**03/12/2020 05:00**	11.766	4.598	
690	**03/12/2020 06:00**	11.766	4.588	
691	**03/12/2020 07:00**	11.817	4.592	
692	**03/12/2020 08:00**	11.817	4.596	
693	**03/12/2020 09:00**	11.766	4.587	
694	**03/12/2020 10:00**	11.766	4.579	
695	**03/12/2020 11:00**	11.766	4.586	
696	**03/12/2020 12:00**	11.817	4.594	

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Engineer.	**Atkins**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**03/12/2020 15:00**	11.817	4.590	
2	**03/12/2020 16:00**	11.817	4.585	
3	**03/12/2020 17:00**	11.817	4.578	
4	**03/12/2020 18:00**	11.817	4.582	
5	**03/12/2020 19:00**	11.817	4.593	
6	**03/12/2020 20:00**	11.817	4.594	
7	**03/12/2020 21:00**	11.817	4.583	
8	**03/12/2020 22:00**	11.817	4.582	
9	**03/12/2020 23:00**	11.817	4.584	
10	**04/12/2020 00:00**	11.817	4.596	
11	**04/12/2020 01:00**	11.766	4.588	
12	**04/12/2020 02:00**	11.817	4.598	
13	**04/12/2020 03:00**	11.817	4.591	
14	**04/12/2020 04:00**	11.817	4.592	
15	**04/12/2020 05:00**	11.817	4.593	
16	**04/12/2020 06:00**	11.817	4.595	
17	**04/12/2020 07:00**	11.817	4.585	
18	**04/12/2020 08:00**	11.817	4.595	
19	**04/12/2020 09:00**	11.817	4.595	
20	**04/12/2020 10:00**	11.817	4.600	
21	**04/12/2020 11:00**	11.817	4.607	
22	**04/12/2020 12:00**	11.817	4.602	
23	**04/12/2020 13:00**	11.817	4.602	
24	**04/12/2020 14:00**	11.817	4.595	
25	**04/12/2020 15:00**	11.817	4.596	
26	**04/12/2020 16:00**	11.817	4.589	
27	**04/12/2020 17:00**	11.817	4.597	
28	**04/12/2020 18:00**	11.766	4.592	
29	**04/12/2020 19:00**	11.817	4.600	
30	**04/12/2020 20:00**	11.817	4.588	
31	**04/12/2020 21:00**	11.766	4.593	
32	**04/12/2020 22:00**	11.817	4.594	
33	**04/12/2020 23:00**	11.817	4.601	
34	**05/12/2020 00:00**	11.817	4.606	
35	**05/12/2020 01:00**	11.817	4.607	
36	**05/12/2020 02:00**	11.817	4.601	
37	**05/12/2020 03:00**	11.817	4.605	
38	**05/12/2020 04:00**	11.817	4.609	
39	**05/12/2020 05:00**	11.817	4.610	
40	**05/12/2020 06:00**	11.817	4.617	
41	**05/12/2020 07:00**	11.817	4.609	
42	**05/12/2020 08:00**	11.817	4.610	
43	**05/12/2020 09:00**	11.817	4.610	
44	**05/12/2020 10:00**	11.817	4.610	
45	**05/12/2020 11:00**	11.817	4.614	
46	**05/12/2020 12:00**	11.817	4.615	
47	**05/12/2020 13:00**	11.817	4.616	
48	**05/12/2020 14:00**	11.817	4.612	
49	**05/12/2020 15:00**	11.817	4.627	
50	**05/12/2020 16:00**	11.817	4.617	
51	**05/12/2020 17:00**	11.817	4.611	
52	**05/12/2020 18:00**	11.817	4.639	
53	**05/12/2020 19:00**	11.817	4.621	
54	**05/12/2020 20:00**	11.817	4.635	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**05/12/2020 21:00**	11.817	4.614	
56	**05/12/2020 22:00**	11.817	4.632	
57	**05/12/2020 23:00**	11.817	4.626	
58	**06/12/2020 00:00**	11.817	4.637	
59	**06/12/2020 01:00**	11.817	4.635	
60	**06/12/2020 02:00**	11.817	4.638	
61	**06/12/2020 03:00**	11.817	4.634	
62	**06/12/2020 04:00**	11.817	4.634	
63	**06/12/2020 05:00**	11.817	4.630	
64	**06/12/2020 06:00**	11.817	4.636	
65	**06/12/2020 07:00**	11.817	4.629	
66	**06/12/2020 08:00**	11.817	4.638	
67	**06/12/2020 09:00**	11.817	4.639	
68	**06/12/2020 10:00**	11.817	4.638	
69	**06/12/2020 11:00**	11.817	4.641	
70	**06/12/2020 12:00**	11.817	4.638	
71	**06/12/2020 13:00**	11.817	4.646	
72	**06/12/2020 14:00**	11.817	4.642	
73	**06/12/2020 15:00**	11.817	4.637	
74	**06/12/2020 16:00**	11.817	4.637	
75	**06/12/2020 17:00**	11.817	4.652	
76	**06/12/2020 18:00**	11.817	4.641	
77	**06/12/2020 19:00**	11.817	4.644	
78	**06/12/2020 20:00**	11.817	4.645	
79	**06/12/2020 21:00**	11.817	4.645	
80	**06/12/2020 22:00**	11.817	4.648	
81	**06/12/2020 23:00**	11.817	4.642	
82	**07/12/2020 00:00**	11.817	4.652	
83	**07/12/2020 01:00**	11.817	4.643	
84	**07/12/2020 02:00**	11.817	4.645	
85	**07/12/2020 03:00**	11.817	4.647	
86	**07/12/2020 04:00**	11.817	4.656	
87	**07/12/2020 05:00**	11.817	4.642	
88	**07/12/2020 06:00**	11.817	4.643	
89	**07/12/2020 07:00**	11.817	4.644	
90	**07/12/2020 08:00**	11.817	4.643	
91	**07/12/2020 09:00**	11.817	4.640	
92	**07/12/2020 10:00**	11.817	4.641	
93	**07/12/2020 11:00**	11.817	4.648	
94	**07/12/2020 12:00**	11.817	4.647	
95	**07/12/2020 13:00**	11.817	4.644	
96	**07/12/2020 14:00**	11.817	4.646	
97	**07/12/2020 15:00**	11.817	4.643	
98	**07/12/2020 16:00**	11.817	4.652	
99	**07/12/2020 17:00**	11.817	4.646	
100	**07/12/2020 18:00**	11.817	4.642	
101	**07/12/2020 19:00**	11.817	4.646	
102	**07/12/2020 20:00**	11.817	4.648	
103	**07/12/2020 21:00**	11.817	4.650	
104	**07/12/2020 22:00**	11.817	4.650	
105	**07/12/2020 23:00**	11.817	4.643	
106	**08/12/2020 00:00**	11.817	4.649	
107	**08/12/2020 01:00**	11.817	4.653	
108	**08/12/2020 02:00**	11.817	4.651	
109	**08/12/2020 03:00**	11.817	4.655	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**08/12/2020 04:00**	11.817	4.655	
111	**08/12/2020 05:00**	11.817	4.651	
112	**08/12/2020 06:00**	11.817	4.652	
113	**08/12/2020 07:00**	11.817	4.658	
114	**08/12/2020 08:00**	11.817	4.657	
115	**08/12/2020 09:00**	11.817	4.652	
116	**08/12/2020 10:00**	11.817	4.660	
117	**08/12/2020 11:00**	11.817	4.654	
118	**08/12/2020 12:00**	11.817	4.661	
119	**08/12/2020 13:00**	11.817	4.657	
120	**08/12/2020 14:00**	11.817	4.658	
121	**08/12/2020 15:00**	11.817	4.656	
122	**08/12/2020 16:00**	11.817	4.661	
123	**08/12/2020 17:00**	11.817	4.662	
124	**08/12/2020 18:00**	11.817	4.669	
125	**08/12/2020 19:00**	11.817	4.666	
126	**08/12/2020 20:00**	11.817	4.663	
127	**08/12/2020 21:00**	11.817	4.665	
128	**08/12/2020 22:00**	11.817	4.668	
129	**08/12/2020 23:00**	11.817	4.666	
130	**09/12/2020 00:00**	11.817	4.662	
131	**09/12/2020 01:00**	11.817	4.662	
132	**09/12/2020 02:00**	11.817	4.666	
133	**09/12/2020 03:00**	11.817	4.667	
134	**09/12/2020 04:00**	11.817	4.672	
135	**09/12/2020 05:00**	11.817	4.674	
136	**09/12/2020 06:00**	11.817	4.672	
137	**09/12/2020 07:00**	11.817	4.680	
138	**09/12/2020 08:00**	11.817	4.671	
139	**09/12/2020 09:00**	11.817	4.678	
140	**09/12/2020 10:00**	11.817	4.676	
141	**09/12/2020 11:00**	11.817	4.676	
142	**09/12/2020 12:00**	11.817	4.679	
143	**09/12/2020 13:00**	11.817	4.673	
144	**09/12/2020 14:00**	11.817	4.675	
145	**09/12/2020 15:00**	11.817	4.682	
146	**09/12/2020 16:00**	11.817	4.678	
147	**09/12/2020 17:00**	11.817	4.676	
148	**09/12/2020 18:00**	11.817	4.659	
149	**09/12/2020 19:00**	11.817	4.657	
150	**09/12/2020 20:00**	11.817	4.666	
151	**09/12/2020 21:00**	11.817	4.662	
152	**09/12/2020 22:00**	11.817	4.658	
153	**09/12/2020 23:00**	11.817	4.657	
154	**10/12/2020 00:00**	11.817	4.667	
155	**10/12/2020 01:00**	11.817	4.666	
156	**10/12/2020 02:00**	11.817	4.664	
157	**10/12/2020 03:00**	11.817	4.663	
158	**10/12/2020 04:00**	11.817	4.668	
159	**10/12/2020 05:00**	11.817	4.668	
160	**10/12/2020 06:00**	11.817	4.670	
161	**10/12/2020 07:00**	11.817	4.683	
162	**10/12/2020 08:00**	11.817	4.669	
163	**10/12/2020 09:00**	11.817	4.668	
164	**10/12/2020 10:00**	11.817	4.681	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**10/12/2020 11:00**	11.817	4.674	
166	**10/12/2020 12:00**	11.817	4.688	
167	**10/12/2020 13:00**	11.817	4.684	
168	**10/12/2020 14:00**	11.817	4.684	
169	**10/12/2020 15:00**	11.817	4.677	
170	**10/12/2020 16:00**	11.817	4.692	
171	**10/12/2020 17:00**	11.817	4.685	
172	**10/12/2020 18:00**	11.817	4.670	
173	**10/12/2020 19:00**	11.817	4.687	
174	**10/12/2020 20:00**	11.817	4.669	
175	**10/12/2020 21:00**	11.817	4.661	
176	**10/12/2020 22:00**	11.817	4.663	
177	**10/12/2020 23:00**	11.817	4.671	
178	**11/12/2020 00:00**	11.817	4.669	
179	**11/12/2020 01:00**	11.817	4.673	
180	**11/12/2020 02:00**	11.817	4.674	
181	**11/12/2020 03:00**	11.817	4.670	
182	**11/12/2020 04:00**	11.817	4.672	
183	**11/12/2020 05:00**	11.817	4.674	
184	**11/12/2020 06:00**	11.817	4.667	
185	**11/12/2020 07:00**	11.817	4.665	
186	**11/12/2020 08:00**	11.817	4.676	
187	**11/12/2020 09:00**	11.869	4.660	
188	**11/12/2020 10:00**	11.817	4.665	
189	**11/12/2020 11:00**	11.817	4.681	
190	**11/12/2020 12:00**	11.817	4.670	
191	**11/12/2020 13:00**	11.817	4.686	
192	**11/12/2020 14:00**	11.817	4.671	
193	**11/12/2020 15:00**	11.869	4.670	
194	**11/12/2020 16:00**	11.817	4.674	
195	**11/12/2020 17:00**	11.817	4.665	
196	**11/12/2020 18:00**	11.817	4.678	
197	**11/12/2020 19:00**	11.817	4.678	
198	**11/12/2020 20:00**	11.817	4.686	
199	**11/12/2020 21:00**	11.817	4.676	
200	**11/12/2020 22:00**	11.817	4.678	
201	**11/12/2020 23:00**	11.817	4.680	
202	**12/12/2020 00:00**	11.817	4.679	
203	**12/12/2020 01:00**	11.817	4.683	
204	**12/12/2020 02:00**	11.817	4.682	
205	**12/12/2020 03:00**	11.817	4.675	
206	**12/12/2020 04:00**	11.817	4.690	
207	**12/12/2020 05:00**	11.817	4.683	
208	**12/12/2020 06:00**	11.817	4.685	
209	**12/12/2020 07:00**	11.869	4.691	
210	**12/12/2020 08:00**	11.817	4.692	
211	**12/12/2020 09:00**	11.817	4.691	
212	**12/12/2020 10:00**	11.817	4.695	
213	**12/12/2020 11:00**	11.817	4.689	
214	**12/12/2020 12:00**	11.817	4.690	
215	**12/12/2020 13:00**	11.817	4.698	
216	**12/12/2020 14:00**	11.817	4.703	
217	**12/12/2020 15:00**	11.817	4.703	
218	**12/12/2020 16:00**	11.817	4.695	
219	**12/12/2020 17:00**	11.817	4.704	

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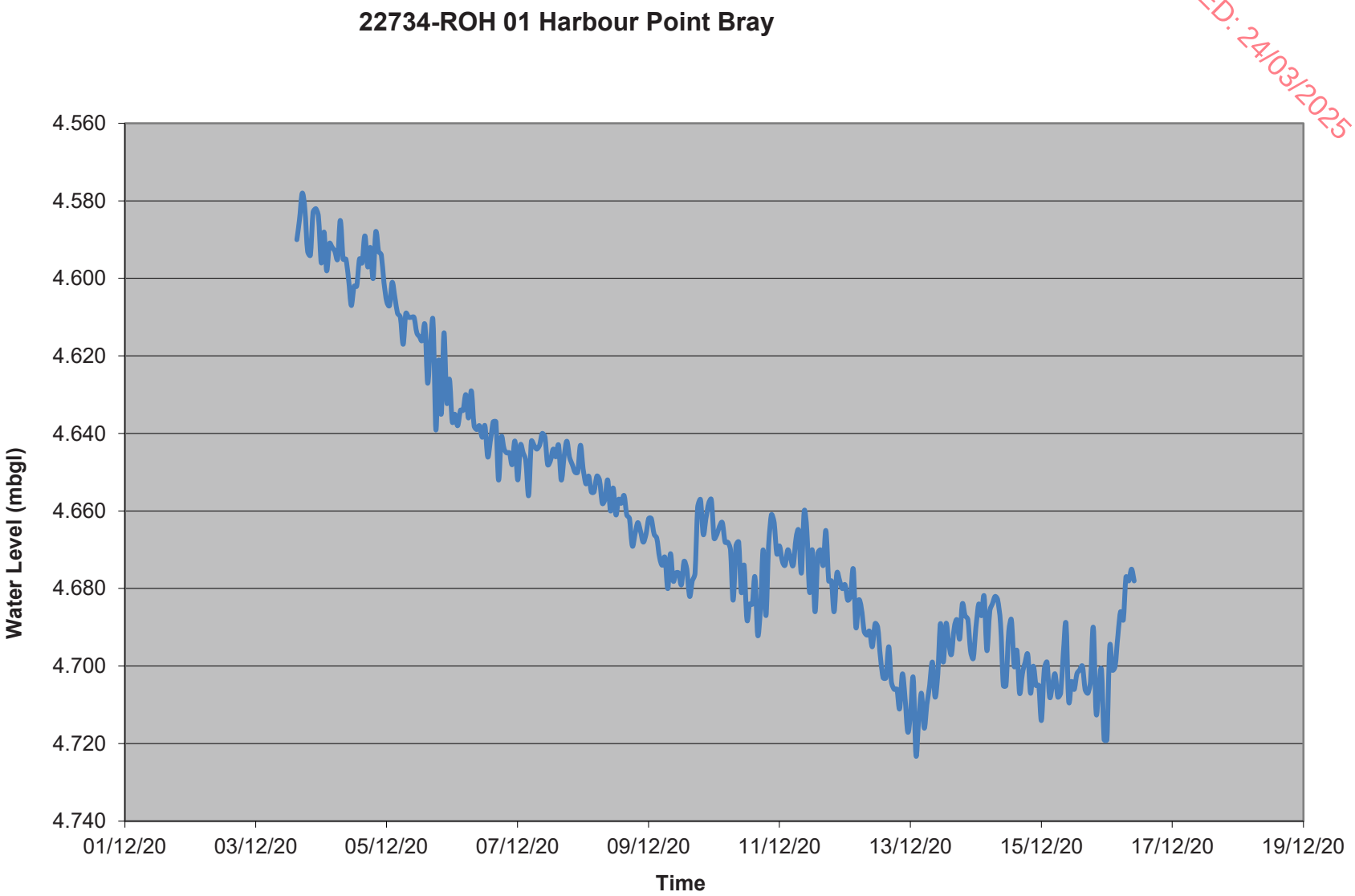
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**12/12/2020 18:00**	11.817	4.706	
221	**12/12/2020 19:00**	11.817	4.706	
222	**12/12/2020 20:00**	11.817	4.711	
223	**12/12/2020 21:00**	11.817	4.702	
224	**12/12/2020 22:00**	11.817	4.708	
225	**12/12/2020 23:00**	11.869	4.717	
226	**13/12/2020 00:00**	11.817	4.712	
227	**13/12/2020 01:00**	11.817	4.703	
228	**13/12/2020 02:00**	11.817	4.723	
229	**13/12/2020 03:00**	11.817	4.714	
230	**13/12/2020 04:00**	11.817	4.707	
231	**13/12/2020 05:00**	11.817	4.716	
232	**13/12/2020 06:00**	11.817	4.710	
233	**13/12/2020 07:00**	11.817	4.705	
234	**13/12/2020 08:00**	11.817	4.699	
235	**13/12/2020 09:00**	11.817	4.708	
236	**13/12/2020 10:00**	11.817	4.702	
237	**13/12/2020 11:00**	11.817	4.689	
238	**13/12/2020 12:00**	11.817	4.699	
239	**13/12/2020 13:00**	11.817	4.689	
240	**13/12/2020 14:00**	11.817	4.694	
241	**13/12/2020 15:00**	11.817	4.697	
242	**13/12/2020 16:00**	11.817	4.690	
243	**13/12/2020 17:00**	11.817	4.688	
244	**13/12/2020 18:00**	11.817	4.693	
245	**13/12/2020 19:00**	11.817	4.684	
246	**13/12/2020 20:00**	11.817	4.687	
247	**13/12/2020 21:00**	11.869	4.688	
248	**13/12/2020 22:00**	11.817	4.696	
249	**13/12/2020 23:00**	11.817	4.698	
250	**14/12/2020 00:00**	11.817	4.690	
251	**14/12/2020 01:00**	11.817	4.684	
252	**14/12/2020 02:00**	11.817	4.687	
253	**14/12/2020 03:00**	11.817	4.682	
254	**14/12/2020 04:00**	11.817	4.696	
255	**14/12/2020 05:00**	11.817	4.686	
256	**14/12/2020 06:00**	11.817	4.684	
257	**14/12/2020 07:00**	11.817	4.682	
258	**14/12/2020 08:00**	11.817	4.683	
259	**14/12/2020 09:00**	11.817	4.689	
260	**14/12/2020 10:00**	11.817	4.705	
261	**14/12/2020 11:00**	11.817	4.705	
262	**14/12/2020 12:00**	11.817	4.691	
263	**14/12/2020 13:00**	11.817	4.688	
264	**14/12/2020 14:00**	11.869	4.700	
265	**14/12/2020 15:00**	11.817	4.696	
266	**14/12/2020 16:00**	11.817	4.707	
267	**14/12/2020 17:00**	11.817	4.702	
268	**14/12/2020 18:00**	11.817	4.699	
269	**14/12/2020 19:00**	11.869	4.697	
270	**14/12/2020 20:00**	11.817	4.707	
271	**14/12/2020 21:00**	11.817	4.700	
272	**14/12/2020 22:00**	11.817	4.705	
273	**14/12/2020 23:00**	11.817	4.705	
274	**15/12/2020 00:00**	11.817	4.714	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/12/2020 01:00**	11.817	4.701	
276	**15/12/2020 02:00**	11.817	4.699	
277	**15/12/2020 03:00**	11.817	4.708	
278	**15/12/2020 04:00**	11.869	4.705	
279	**15/12/2020 05:00**	11.817	4.702	
280	**15/12/2020 06:00**	11.817	4.708	
281	**15/12/2020 07:00**	11.817	4.707	
282	**15/12/2020 08:00**	11.869	4.697	
283	**15/12/2020 09:00**	11.817	4.689	
284	**15/12/2020 10:00**	11.817	4.709	
285	**15/12/2020 11:00**	11.817	4.704	
286	**15/12/2020 12:00**	11.817	4.706	
287	**15/12/2020 13:00**	11.817	4.702	
288	**15/12/2020 14:00**	11.817	4.701	
289	**15/12/2020 15:00**	11.817	4.700	
290	**15/12/2020 16:00**	11.817	4.706	
291	**15/12/2020 17:00**	11.817	4.707	
292	**15/12/2020 18:00**	11.817	4.704	
293	**15/12/2020 19:00**	11.817	4.690	
294	**15/12/2020 20:00**	11.869	4.712	
295	**15/12/2020 21:00**	11.817	4.706	
296	**15/12/2020 22:00**	11.869	4.701	
297	**15/12/2020 23:00**	11.817	4.719	
298	**16/12/2020 00:00**	11.817	4.719	
299	**16/12/2020 01:00**	11.817	4.695	
300	**16/12/2020 02:00**	11.869	4.701	
301	**16/12/2020 03:00**	11.869	4.700	
302	**16/12/2020 04:00**	11.817	4.692	
303	**16/12/2020 05:00**	11.817	4.686	
304	**16/12/2020 06:00**	11.817	4.688	
305	**16/12/2020 07:00**	11.817	4.677	
306	**16/12/2020 08:00**	11.817	4.678	
307	**16/12/2020 09:00**	12.231	4.675	
308	**16/12/2020 10:00**	12.901	4.678	

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Engineer.	**Atkins**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**06/10/2020 14:00**	11.747	3.495	
2	**06/10/2020 15:00**	11.747	3.389	
3	**06/10/2020 16:00**	11.747	3.376	
4	**06/10/2020 17:00**	11.695	3.453	
5	**06/10/2020 18:00**	11.747	3.591	
6	**06/10/2020 19:00**	11.747	3.769	
7	**06/10/2020 20:00**	11.747	3.898	
8	**06/10/2020 21:00**	11.695	3.974	
9	**06/10/2020 22:00**	11.747	3.982	
10	**06/10/2020 23:00**	11.747	3.919	
11	**07/10/2020 00:00**	11.747	3.825	
12	**07/10/2020 01:00**	11.747	3.694	
13	**07/10/2020 02:00**	11.747	3.578	
14	**07/10/2020 03:00**	11.747	3.485	
15	**07/10/2020 04:00**	11.747	3.440	
16	**07/10/2020 05:00**	11.747	3.485	
17	**07/10/2020 06:00**	11.747	3.593	
18	**07/10/2020 07:00**	11.747	3.759	
19	**07/10/2020 08:00**	11.695	3.894	
20	**07/10/2020 09:00**	11.747	3.979	
21	**07/10/2020 10:00**	11.747	4.001	
22	**07/10/2020 11:00**	11.747	3.965	
23	**07/10/2020 12:00**	11.798	3.858	
24	**07/10/2020 13:00**	11.747	3.759	
25	**07/10/2020 14:00**	11.747	3.649	
26	**07/10/2020 15:00**	11.747	3.546	
27	**07/10/2020 16:00**	11.747	3.482	
28	**07/10/2020 17:00**	11.798	3.495	
29	**07/10/2020 18:00**	11.798	3.576	
30	**07/10/2020 19:00**	11.747	3.721	
31	**07/10/2020 20:00**	11.695	3.870	
32	**07/10/2020 21:00**	11.695	3.961	
33	**07/10/2020 22:00**	11.747	3.996	
34	**07/10/2020 23:00**	11.798	3.976	
35	**08/10/2020 00:00**	11.747	3.882	
36	**08/10/2020 01:00**	11.747	3.762	
37	**08/10/2020 02:00**	11.747	3.628	
38	**08/10/2020 03:00**	11.747	3.502	
39	**08/10/2020 04:00**	11.747	3.407	
40	**08/10/2020 05:00**	11.695	3.377	
41	**08/10/2020 06:00**	11.747	3.441	
42	**08/10/2020 07:00**	11.798	3.556	
43	**08/10/2020 08:00**	11.747	3.699	
44	**08/10/2020 09:00**	11.798	3.811	
45	**08/10/2020 10:00**	11.695	3.877	
46	**08/10/2020 11:00**	11.747	3.856	
47	**08/10/2020 12:00**	11.695	3.814	
48	**08/10/2020 13:00**	11.747	3.724	
49	**08/10/2020 14:00**	11.747	3.637	
50	**08/10/2020 15:00**	11.695	3.527	
51	**08/10/2020 16:00**	11.747	3.456	
52	**08/10/2020 17:00**	11.695	3.409	
53	**08/10/2020 18:00**	11.695	3.440	
54	**08/10/2020 19:00**	11.695	3.515	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**08/10/2020 20:00**	11.747	3.646	
56	**08/10/2020 21:00**	11.747	3.764	
57	**08/10/2020 22:00**	11.747	3.850	
58	**08/10/2020 23:00**	11.747	3.879	
59	**09/10/2020 00:00**	11.747	3.840	
60	**09/10/2020 01:00**	11.747	3.773	
61	**09/10/2020 02:00**	11.798	3.668	
62	**09/10/2020 03:00**	11.747	3.558	
63	**09/10/2020 04:00**	11.798	3.458	
64	**09/10/2020 05:00**	11.695	3.396	
65	**09/10/2020 06:00**	11.798	3.388	
66	**09/10/2020 07:00**	11.747	3.447	
67	**09/10/2020 08:00**	11.747	3.547	
68	**09/10/2020 09:00**	11.747	3.662	
69	**09/10/2020 10:00**	11.798	3.758	
70	**09/10/2020 11:00**	11.798	3.798	
71	**09/10/2020 12:00**	11.747	3.783	
72	**09/10/2020 13:00**	11.695	3.728	
73	**09/10/2020 14:00**	11.695	3.655	
74	**09/10/2020 15:00**	11.747	3.546	
75	**09/10/2020 16:00**	11.695	3.471	
76	**09/10/2020 17:00**	11.747	3.417	
77	**09/10/2020 18:00**	11.747	3.379	
78	**09/10/2020 19:00**	11.747	3.419	
79	**09/10/2020 20:00**	11.747	3.509	
80	**09/10/2020 21:00**	11.747	3.631	
81	**09/10/2020 22:00**	11.747	3.752	
82	**09/10/2020 23:00**	11.747	3.822	
83	**10/10/2020 00:00**	11.747	3.866	
84	**10/10/2020 01:00**	11.747	3.847	
85	**10/10/2020 02:00**	11.695	3.799	
86	**10/10/2020 03:00**	11.747	3.725	
87	**10/10/2020 04:00**	11.747	3.643	
88	**10/10/2020 05:00**	11.747	3.559	
89	**10/10/2020 06:00**	11.747	3.498	
90	**10/10/2020 07:00**	11.747	3.498	
91	**10/10/2020 08:00**	11.747	3.546	
92	**10/10/2020 09:00**	11.747	3.626	
93	**10/10/2020 10:00**	11.798	3.711	
94	**10/10/2020 11:00**	11.695	3.771	
95	**10/10/2020 12:00**	11.695	3.817	
96	**10/10/2020 13:00**	11.798	3.812	
97	**10/10/2020 14:00**	11.747	3.780	
98	**10/10/2020 15:00**	11.747	3.711	
99	**10/10/2020 16:00**	11.747	3.639	
100	**10/10/2020 17:00**	11.747	3.574	
101	**10/10/2020 18:00**	11.747	3.507	
102	**10/10/2020 19:00**	11.747	3.472	
103	**10/10/2020 20:00**	11.747	3.499	
104	**10/10/2020 21:00**	11.695	3.572	
105	**10/10/2020 22:00**	11.747	3.678	
106	**10/10/2020 23:00**	11.695	3.796	
107	**11/10/2020 00:00**	11.798	3.873	
108	**11/10/2020 01:00**	11.695	3.915	
109	**11/10/2020 02:00**	11.747	3.918	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**11/10/2020 03:00**	11.747	3.886	
111	**11/10/2020 04:00**	11.695	3.821	
112	**11/10/2020 05:00**	11.747	3.745	
113	**11/10/2020 06:00**	11.747	3.655	
114	**11/10/2020 07:00**	11.695	3.595	
115	**11/10/2020 08:00**	11.798	3.570	
116	**11/10/2020 09:00**	11.747	3.598	
117	**11/10/2020 10:00**	11.695	3.665	
118	**11/10/2020 11:00**	11.798	3.751	
119	**11/10/2020 12:00**	11.695	3.829	
120	**11/10/2020 13:00**	11.747	3.883	
121	**11/10/2020 14:00**	11.747	3.895	
122	**11/10/2020 15:00**	11.798	3.878	
123	**11/10/2020 16:00**	11.747	3.837	
124	**11/10/2020 17:00**	11.798	3.766	
125	**11/10/2020 18:00**	11.695	3.682	
126	**11/10/2020 19:00**	11.747	3.592	
127	**11/10/2020 20:00**	11.747	3.541	
128	**11/10/2020 21:00**	11.798	3.539	
129	**11/10/2020 22:00**	11.747	3.585	
130	**11/10/2020 23:00**	11.798	3.672	
131	**12/10/2020 00:00**	11.747	3.793	
132	**12/10/2020 01:00**	11.747	3.893	
133	**12/10/2020 02:00**	11.695	3.940	
134	**12/10/2020 03:00**	11.798	3.952	
135	**12/10/2020 04:00**	11.747	3.929	
136	**12/10/2020 05:00**	11.747	3.871	
137	**12/10/2020 06:00**	11.798	3.776	
138	**12/10/2020 07:00**	11.798	3.676	
139	**12/10/2020 08:00**	11.747	3.574	
140	**12/10/2020 09:00**	11.747	3.518	
141	**12/10/2020 10:00**	11.798	3.501	
142	**12/10/2020 11:00**	11.798	3.558	
143	**12/10/2020 12:00**	11.798	3.635	
144	**12/10/2020 13:00**	11.747	3.739	
145	**12/10/2020 14:00**	11.798	3.818	
146	**12/10/2020 15:00**	11.798	3.846	
147	**12/10/2020 16:00**	11.798	3.861	
148	**12/10/2020 17:00**	11.695	3.832	
149	**12/10/2020 18:00**	11.747	3.752	
150	**12/10/2020 19:00**	11.747	3.678	
151	**12/10/2020 20:00**	11.747	3.585	
152	**12/10/2020 21:00**	11.747	3.526	
153	**12/10/2020 22:00**	11.798	3.500	
154	**12/10/2020 23:00**	11.747	3.553	
155	**13/10/2020 00:00**	11.747	3.669	
156	**13/10/2020 01:00**	11.747	3.806	
157	**13/10/2020 02:00**	11.747	3.919	
158	**13/10/2020 03:00**	11.798	3.992	
159	**13/10/2020 04:00**	11.695	4.022	
160	**13/10/2020 05:00**	11.747	3.991	
161	**13/10/2020 06:00**	11.695	3.901	
162	**13/10/2020 07:00**	11.798	3.802	
163	**13/10/2020 08:00**	11.747	3.679	
164	**13/10/2020 09:00**	11.747	3.569	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**13/10/2020 10:00**	11.747	3.505	
166	**13/10/2020 11:00**	11.747	3.508	
167	**13/10/2020 12:00**	11.747	3.575	
168	**13/10/2020 13:00**	11.747	3.702	
169	**13/10/2020 14:00**	11.798	3.837	
170	**13/10/2020 15:00**	11.747	3.930	
171	**13/10/2020 16:00**	11.747	3.982	
172	**13/10/2020 17:00**	11.747	3.973	
173	**13/10/2020 18:00**	11.747	3.921	
174	**13/10/2020 19:00**	11.850	3.813	
175	**13/10/2020 20:00**	11.798	3.687	
176	**13/10/2020 21:00**	11.747	3.583	
177	**13/10/2020 22:00**	11.798	3.501	
178	**13/10/2020 23:00**	11.798	3.483	
179	**14/10/2020 00:00**	11.798	3.544	
180	**14/10/2020 01:00**	11.747	3.672	
181	**14/10/2020 02:00**	11.747	3.837	
182	**14/10/2020 03:00**	11.798	3.971	
183	**14/10/2020 04:00**	11.747	4.048	
184	**14/10/2020 05:00**	11.798	4.066	
185	**14/10/2020 06:00**	11.798	4.032	
186	**14/10/2020 07:00**	11.695	3.944	
187	**14/10/2020 08:00**	11.798	3.809	
188	**14/10/2020 09:00**	11.798	3.676	
189	**14/10/2020 10:00**	11.747	3.566	
190	**14/10/2020 11:00**	11.747	3.504	
191	**14/10/2020 12:00**	11.798	3.521	
192	**14/10/2020 13:00**	11.798	3.632	
193	**14/10/2020 14:00**	11.747	3.829	
194	**14/10/2020 15:00**	11.695	3.983	
195	**14/10/2020 16:00**	11.747	4.102	
196	**14/10/2020 17:00**	11.747	4.137	
197	**14/10/2020 18:00**	11.798	4.107	
198	**14/10/2020 19:00**	11.798	4.023	
199	**14/10/2020 20:00**	11.798	3.872	
200	**14/10/2020 21:00**	11.798	3.741	
201	**14/10/2020 22:00**	11.747	3.603	
202	**14/10/2020 23:00**	11.747	3.523	
203	**15/10/2020 00:00**	11.747	3.525	
204	**15/10/2020 01:00**	11.850	3.637	
205	**15/10/2020 02:00**	11.695	3.822	
206	**15/10/2020 03:00**	11.798	4.004	
207	**15/10/2020 04:00**	11.747	4.134	
208	**15/10/2020 05:00**	11.695	4.189	
209	**15/10/2020 06:00**	11.798	4.189	
210	**15/10/2020 07:00**	11.747	4.112	
211	**15/10/2020 08:00**	11.798	3.966	
212	**15/10/2020 09:00**	11.747	3.791	
213	**15/10/2020 10:00**	11.850	3.631	
214	**15/10/2020 11:00**	11.747	3.511	
215	**15/10/2020 12:00**	11.747	3.465	
216	**15/10/2020 13:00**	11.798	3.518	
217	**15/10/2020 14:00**	11.798	3.675	
218	**15/10/2020 15:00**	11.695	3.862	
219	**15/10/2020 16:00**	11.747	4.016	

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220	**15/10/2020 17:00**	11.798	4.091	
221	**15/10/2020 18:00**	11.695	4.110	
222	**15/10/2020 19:00**	11.747	4.042	
223	**15/10/2020 20:00**	11.747	3.900	
224	**15/10/2020 21:00**	11.747	3.732	
225	**15/10/2020 22:00**	11.747	3.571	
226	**15/10/2020 23:00**	11.850	3.438	
227	**16/10/2020 00:00**	11.850	3.373	
228	**16/10/2020 01:00**	11.747	3.413	
229	**16/10/2020 02:00**	11.747	3.553	
230	**16/10/2020 03:00**	11.747	3.798	
231	**16/10/2020 04:00**	11.798	3.985	
232	**16/10/2020 05:00**	11.747	4.088	
233	**16/10/2020 06:00**	11.798	4.142	
234	**16/10/2020 07:00**	11.747	4.127	
235	**16/10/2020 08:00**	11.798	4.014	
236	**16/10/2020 09:00**	11.747	3.829	
237	**16/10/2020 10:00**	11.747	3.646	
238	**16/10/2020 11:00**	11.798	3.489	
239	**16/10/2020 12:00**	11.695	3.392	
240	**16/10/2020 13:00**	11.850	3.375	
241	**16/10/2020 14:00**	11.798	3.479	
242	**16/10/2020 15:00**	11.695	3.688	
243	**16/10/2020 16:00**	11.643	3.893	
244	**16/10/2020 17:00**	11.798	4.032	
245	**16/10/2020 18:00**	11.798	4.094	
246	**16/10/2020 19:00**	11.798	4.081	
247	**16/10/2020 20:00**	11.798	3.972	
248	**16/10/2020 21:00**	11.850	3.787	
249	**16/10/2020 22:00**	11.695	3.585	
250	**16/10/2020 23:00**	11.798	3.423	
251	**17/10/2020 00:00**	11.850	3.308	
252	**17/10/2020 01:00**	11.798	3.263	
253	**17/10/2020 02:00**	11.695	3.348	
254	**17/10/2020 03:00**	11.798	3.551	
255	**17/10/2020 04:00**	11.798	3.807	
256	**17/10/2020 05:00**	11.747	3.982	
257	**17/10/2020 06:00**	11.747	4.081	
258	**17/10/2020 07:00**	11.798	4.116	
259	**17/10/2020 08:00**	11.798	4.064	
260	**17/10/2020 09:00**	11.747	3.907	
261	**17/10/2020 10:00**	11.747	3.702	
262	**17/10/2020 11:00**	11.747	3.521	
263	**17/10/2020 12:00**	11.695	3.372	
264	**17/10/2020 13:00**	11.798	3.284	
265	**17/10/2020 14:00**	11.747	3.315	
266	**17/10/2020 15:00**	11.850	3.466	
267	**17/10/2020 16:00**	11.747	3.706	
268	**17/10/2020 17:00**	11.747	3.919	
269	**17/10/2020 18:00**	11.798	4.031	
270	**17/10/2020 19:00**	11.747	4.067	
271	**17/10/2020 20:00**	11.798	4.022	
272	**17/10/2020 21:00**	11.747	3.883	
273	**17/10/2020 22:00**	11.798	3.679	
274	**17/10/2020 23:00**	11.747	3.489	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**18/10/2020 00:00**	11.695	3.340	
276	**18/10/2020 01:00**	11.695	3.219	
277	**18/10/2020 02:00**	11.643	3.208	
278	**18/10/2020 03:00**	11.747	3.328	
279	**18/10/2020 04:00**	11.747	3.576	
280	**18/10/2020 05:00**	11.747	3.836	
281	**18/10/2020 06:00**	11.850	3.986	
282	**18/10/2020 07:00**	11.747	4.081	
283	**18/10/2020 08:00**	11.798	4.094	
284	**18/10/2020 09:00**	11.798	3.996	
285	**18/10/2020 10:00**	11.850	3.819	
286	**18/10/2020 11:00**	11.695	3.623	
287	**18/10/2020 12:00**	11.798	3.453	
288	**18/10/2020 13:00**	11.798	3.318	
289	**18/10/2020 14:00**	11.798	3.261	
290	**18/10/2020 15:00**	11.747	3.319	
291	**18/10/2020 16:00**	11.798	3.504	
292	**18/10/2020 17:00**	11.540	3.760	
293	**18/10/2020 18:00**	11.902	3.931	
294	**18/10/2020 19:00**	11.798	4.034	
295	**18/10/2020 20:00**	11.747	4.060	
296	**18/10/2020 21:00**	11.747	3.995	
297	**18/10/2020 22:00**	11.747	3.814	
298	**18/10/2020 23:00**	11.747	3.602	
299	**19/10/2020 00:00**	11.695	3.425	
300	**19/10/2020 01:00**	11.798	3.262	
301	**19/10/2020 02:00**	11.695	3.155	
302	**19/10/2020 03:00**	11.695	3.187	
303	**19/10/2020 04:00**	11.798	3.334	
304	**19/10/2020 05:00**	11.798	3.588	
305	**19/10/2020 06:00**	11.747	3.824	
306	**19/10/2020 07:00**	11.695	3.968	
307	**19/10/2020 08:00**	11.798	4.042	
308	**19/10/2020 09:00**	11.747	4.013	
309	**19/10/2020 10:00**	11.798	3.893	
310	**19/10/2020 11:00**	11.747	3.702	
311	**19/10/2020 12:00**	11.747	3.514	
312	**19/10/2020 13:00**	11.747	3.340	
313	**19/10/2020 14:00**	11.747	3.227	
314	**19/10/2020 15:00**	11.850	3.196	
315	**19/10/2020 16:00**	11.850	3.269	
316	**19/10/2020 17:00**	11.798	3.495	
317	**19/10/2020 18:00**	11.747	3.724	
318	**19/10/2020 19:00**	11.747	3.905	
319	**19/10/2020 20:00**	11.747	3.972	
320	**19/10/2020 21:00**	11.798	3.974	
321	**19/10/2020 22:00**	11.747	3.853	
322	**19/10/2020 23:00**	11.747	3.672	
323	**20/10/2020 00:00**	11.850	3.478	
324	**20/10/2020 01:00**	11.850	3.288	
325	**20/10/2020 02:00**	11.747	3.138	
326	**20/10/2020 03:00**	11.747	3.062	
327	**20/10/2020 04:00**	11.695	3.083	
328	**20/10/2020 05:00**	11.747	3.248	
329	**20/10/2020 06:00**	11.798	3.497	

Project.	**Harbour Point Bray**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**20/10/2020 07:00**	11.798	3.719	
331	**20/10/2020 08:00**	11.747	3.849	
332	**20/10/2020 09:00**	11.747	3.898	
333	**20/10/2020 10:00**	11.747	3.839	
334	**20/10/2020 11:00**	11.747	3.691	
335	**20/10/2020 12:00**	11.747	3.507	
336	**20/10/2020 13:00**	11.747	3.337	
337	**20/10/2020 14:00**	11.488	3.171	
338	**20/10/2020 15:00**	11.695	3.060	
339	**20/10/2020 16:00**	11.798	3.036	
340	**20/10/2020 17:00**	11.798	3.162	
341	**20/10/2020 18:00**	11.798	3.366	
342	**20/10/2020 19:00**	11.695	3.603	
343	**20/10/2020 20:00**	11.747	3.767	
344	**20/10/2020 21:00**	11.747	3.856	
345	**20/10/2020 22:00**	11.747	3.852	
346	**20/10/2020 23:00**	11.798	3.752	
347	**21/10/2020 00:00**	11.695	3.623	
348	**21/10/2020 01:00**	11.747	3.457	
349	**21/10/2020 02:00**	11.747	3.310	
350	**21/10/2020 03:00**	11.798	3.173	
351	**21/10/2020 04:00**	11.798	3.128	
352	**21/10/2020 05:00**	11.747	3.156	
353	**21/10/2020 06:00**	11.695	3.312	
354	**21/10/2020 07:00**	11.747	3.528	
355	**21/10/2020 08:00**	11.643	3.716	
356	**21/10/2020 09:00**	11.798	3.824	
357	**21/10/2020 10:00**	11.798	3.868	
358	**21/10/2020 11:00**	11.798	3.797	
359	**21/10/2020 12:00**	11.643	3.681	
360	**21/10/2020 13:00**	11.643	3.535	
361	**21/10/2020 14:00**	11.798	3.377	
362	**21/10/2020 15:00**	11.747	3.235	
363	**21/10/2020 16:00**	11.798	3.156	
364	**21/10/2020 17:00**	11.695	3.148	
365	**21/10/2020 18:00**	11.850	3.259	
366	**21/10/2020 19:00**	11.747	3.453	
367	**21/10/2020 20:00**	11.798	3.651	
368	**21/10/2020 21:00**	11.850	3.804	
369	**21/10/2020 22:00**	11.747	3.866	
370	**21/10/2020 23:00**	11.798	3.869	
371	**22/10/2020 00:00**	11.850	3.801	
372	**22/10/2020 01:00**	11.798	3.682	
373	**22/10/2020 02:00**	11.902	3.551	
374	**22/10/2020 03:00**	11.643	3.422	
375	**22/10/2020 04:00**	11.747	3.311	
376	**22/10/2020 05:00**	11.747	3.267	
377	**22/10/2020 06:00**	11.798	3.292	
378	**22/10/2020 07:00**	11.850	3.424	
379	**22/10/2020 08:00**	11.643	3.602	
380	**22/10/2020 09:00**	11.747	3.746	
381	**22/10/2020 10:00**	11.747	3.841	
382	**22/10/2020 11:00**	11.798	3.871	
383	**22/10/2020 12:00**	11.798	3.820	
384	**22/10/2020 13:00**	11.798	3.710	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**22/10/2020 14:00**	11.798	3.596	
386	**22/10/2020 15:00**	11.747	3.465	
387	**22/10/2020 16:00**	11.643	3.354	
388	**22/10/2020 17:00**	11.798	3.270	
389	**22/10/2020 18:00**	11.798	3.271	
390	**22/10/2020 19:00**	11.695	3.375	
391	**22/10/2020 20:00**	11.695	3.538	
392	**22/10/2020 21:00**	11.747	3.715	
393	**22/10/2020 22:00**	11.747	3.841	
394	**22/10/2020 23:00**	11.798	3.899	
395	**23/10/2020 00:00**	11.747	3.905	
396	**23/10/2020 01:00**	11.798	3.849	
397	**23/10/2020 02:00**	11.850	3.747	
398	**23/10/2020 03:00**	11.850	3.634	
399	**23/10/2020 04:00**	11.902	3.501	
400	**23/10/2020 05:00**	11.850	3.400	
401	**23/10/2020 06:00**	11.798	3.327	
402	**23/10/2020 07:00**	11.747	3.315	
403	**23/10/2020 08:00**	11.747	3.413	
404	**23/10/2020 09:00**	11.850	3.533	
405	**23/10/2020 10:00**	11.902	3.670	
406	**23/10/2020 11:00**	11.850	3.748	
407	**23/10/2020 12:00**	11.850	3.775	
408	**23/10/2020 13:00**	11.798	3.746	
409	**23/10/2020 14:00**	11.747	3.670	
410	**23/10/2020 15:00**	11.798	3.581	
411	**23/10/2020 16:00**	11.643	3.479	
412	**23/10/2020 17:00**	11.643	3.382	
413	**23/10/2020 18:00**	11.850	3.316	
414	**23/10/2020 19:00**	11.850	3.308	
415	**23/10/2020 20:00**	11.488	3.382	
416	**23/10/2020 21:00**	11.798	3.517	
417	**23/10/2020 22:00**	11.643	3.664	
418	**23/10/2020 23:00**	11.798	3.789	
419	**24/10/2020 00:00**	11.902	3.867	
420	**24/10/2020 01:00**	11.695	3.882	
421	**24/10/2020 02:00**	11.850	3.844	
422	**24/10/2020 03:00**	11.540	3.784	
423	**24/10/2020 04:00**	11.850	3.681	
424	**24/10/2020 05:00**	11.798	3.575	
425	**24/10/2020 06:00**	11.798	3.455	
426	**24/10/2020 07:00**	11.747	3.355	
427	**24/10/2020 08:00**	11.798	3.315	
428	**24/10/2020 09:00**	11.798	3.361	
429	**24/10/2020 10:00**	11.798	3.414	
430	**24/10/2020 11:00**	11.902	3.508	
431	**24/10/2020 12:00**	11.798	3.576	
432	**24/10/2020 13:00**	11.850	3.618	
433	**24/10/2020 14:00**	11.850	3.609	
434	**24/10/2020 15:00**	11.540	3.566	
435	**24/10/2020 16:00**	11.747	3.489	
436	**24/10/2020 17:00**	11.643	3.382	
437	**24/10/2020 18:00**	11.798	3.302	
438	**24/10/2020 19:00**	11.902	3.238	
439	**24/10/2020 20:00**	11.798	3.224	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**24/10/2020 21:00**	11.798	3.276	
441	**24/10/2020 22:00**	11.747	3.390	
442	**24/10/2020 23:00**	11.798	3.534	
443	**25/10/2020 00:00**	11.798	3.645	
444	**25/10/2020 01:00**	11.850	3.744	
445	**25/10/2020 02:00**	11.798	3.777	
446	**25/10/2020 02:00**	11.850	3.783	
447	**25/10/2020 03:00**	11.902	3.732	
448	**25/10/2020 04:00**	11.695	3.638	
449	**25/10/2020 05:00**	11.747	3.537	
450	**25/10/2020 06:00**	11.850	3.414	
451	**25/10/2020 07:00**	11.747	3.338	
452	**25/10/2020 08:00**	11.591	3.300	
453	**25/10/2020 09:00**	11.850	3.325	
454	**25/10/2020 10:00**	11.798	3.404	
455	**25/10/2020 11:00**	11.747	3.513	
456	**25/10/2020 12:00**	11.798	3.608	
457	**25/10/2020 13:00**	11.695	3.672	
458	**25/10/2020 14:00**	11.798	3.670	
459	**25/10/2020 15:00**	11.695	3.651	
460	**25/10/2020 16:00**	11.798	3.577	
461	**25/10/2020 17:00**	11.798	3.481	
462	**25/10/2020 18:00**	11.747	3.378	
463	**25/10/2020 19:00**	11.747	3.283	
464	**25/10/2020 20:00**	11.747	3.248	
465	**25/10/2020 21:00**	11.850	3.249	
466	**25/10/2020 22:00**	11.798	3.347	
467	**25/10/2020 23:00**	11.747	3.470	
468	**26/10/2020 00:00**	11.695	3.614	
469	**26/10/2020 01:00**	11.798	3.724	
470	**26/10/2020 02:00**	11.902	3.785	
471	**26/10/2020 03:00**	11.591	3.797	
472	**26/10/2020 04:00**	11.798	3.778	
473	**26/10/2020 05:00**	11.798	3.702	
474	**26/10/2020 06:00**	11.850	3.614	
475	**26/10/2020 07:00**	11.695	3.503	
476	**26/10/2020 08:00**	11.695	3.391	
477	**26/10/2020 09:00**	11.850	3.343	
478	**26/10/2020 10:00**	11.695	3.367	
479	**26/10/2020 11:00**	11.850	3.454	
480	**26/10/2020 12:00**	11.850	3.564	
481	**26/10/2020 13:00**	11.798	3.688	
482	**26/10/2020 14:00**	11.643	3.759	
483	**26/10/2020 15:00**	11.798	3.789	
484	**26/10/2020 16:00**	11.798	3.756	
485	**26/10/2020 17:00**	11.798	3.687	
486	**26/10/2020 18:00**	11.747	3.589	
487	**26/10/2020 19:00**	11.798	3.484	
488	**26/10/2020 20:00**	11.695	3.409	
489	**26/10/2020 21:00**	11.902	3.355	
490	**26/10/2020 22:00**	11.850	3.374	
491	**26/10/2020 23:00**	11.695	3.460	
492	**27/10/2020 00:00**	11.747	3.607	
493	**27/10/2020 01:00**	11.850	3.750	
494	**27/10/2020 02:00**	11.850	3.863	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**27/10/2020 03:00**	11.695	3.924	
496	**27/10/2020 04:00**	11.902	3.934	
497	**27/10/2020 05:00**	11.902	3.877	
498	**27/10/2020 06:00**	11.747	3.774	
499	**27/10/2020 07:00**	11.850	3.650	
500	**27/10/2020 08:00**	11.902	3.508	
501	**27/10/2020 09:00**	11.798	3.393	
502	**27/10/2020 10:00**	11.798	3.327	
503	**27/10/2020 11:00**	11.747	3.367	
504	**27/10/2020 12:00**	11.850	3.446	
505	**27/10/2020 13:00**	11.798	3.574	
506	**27/10/2020 14:00**	11.954	3.691	
507	**27/10/2020 15:00**	11.850	3.761	
508	**27/10/2020 16:00**	11.747	3.776	
509	**27/10/2020 17:00**	11.850	3.701	
510	**27/10/2020 18:00**	11.902	3.608	
511	**27/10/2020 19:00**	11.798	3.474	
512	**27/10/2020 20:00**	11.850	3.355	
513	**27/10/2020 21:00**	11.747	3.256	
514	**27/10/2020 22:00**	11.540	3.221	
515	**27/10/2020 23:00**	11.902	3.250	
516	**28/10/2020 00:00**	11.902	3.368	
517	**28/10/2020 01:00**	11.798	3.526	
518	**28/10/2020 02:00**	11.643	3.691	
519	**28/10/2020 03:00**	11.850	3.786	
520	**28/10/2020 04:00**	11.798	3.853	
521	**28/10/2020 05:00**	11.540	3.826	
522	**28/10/2020 06:00**	11.902	3.761	
523	**28/10/2020 07:00**	11.747	3.641	
524	**28/10/2020 08:00**	11.902	3.512	
525	**28/10/2020 09:00**	11.798	3.397	
526	**28/10/2020 10:00**	11.798	3.300	
527	**28/10/2020 11:00**	11.798	3.276	
528	**28/10/2020 12:00**	11.850	3.347	
529	**28/10/2020 13:00**	11.850	3.482	
530	**28/10/2020 14:00**	11.747	3.629	
531	**28/10/2020 15:00**	11.902	3.744	
532	**28/10/2020 16:00**	11.798	3.800	
533	**28/10/2020 17:00**	11.954	3.790	
534	**28/10/2020 18:00**	11.902	3.701	
535	**28/10/2020 19:00**	11.798	3.584	
536	**28/10/2020 20:00**	11.695	3.446	
537	**28/10/2020 21:00**	11.643	3.328	
538	**28/10/2020 22:00**	11.850	3.241	
539	**28/10/2020 23:00**	11.798	3.226	
540	**29/10/2020 00:00**	11.850	3.299	
541	**29/10/2020 01:00**	11.695	3.460	
542	**29/10/2020 02:00**	11.540	3.637	
543	**29/10/2020 03:00**	11.850	3.795	
544	**29/10/2020 04:00**	11.747	3.889	
545	**29/10/2020 05:00**	11.902	3.908	
546	**29/10/2020 06:00**	11.591	3.872	
547	**29/10/2020 07:00**	11.798	3.766	
548	**29/10/2020 08:00**	11.902	3.624	
549	**29/10/2020 09:00**	11.747	3.495	

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550	**29/10/2020 10:00**	11.798	3.361	
551	**29/10/2020 11:00**	11.747	3.304	
552	**29/10/2020 12:00**	11.798	3.321	
553	**29/10/2020 13:00**	11.591	3.421	
554	**29/10/2020 14:00**	11.747	3.581	
555	**29/10/2020 15:00**	11.643	3.728	
556	**29/10/2020 16:00**	11.747	3.812	
557	**29/10/2020 17:00**	11.850	3.845	
558	**29/10/2020 18:00**	11.850	3.777	
559	**29/10/2020 19:00**	11.902	3.657	
560	**29/10/2020 20:00**	11.902	3.505	
561	**29/10/2020 21:00**	11.695	3.366	
562	**29/10/2020 22:00**	11.902	3.236	
563	**29/10/2020 23:00**	11.798	3.177	
564	**30/10/2020 00:00**	11.747	3.181	
565	**30/10/2020 01:00**	11.488	3.295	
566	**30/10/2020 02:00**	11.798	3.467	
567	**30/10/2020 03:00**	11.798	3.655	
568	**30/10/2020 04:00**	11.695	3.784	
569	**30/10/2020 05:00**	11.747	3.850	
570	**30/10/2020 06:00**	11.591	3.817	
571	**30/10/2020 07:00**	11.798	3.747	
572	**30/10/2020 08:00**	11.954	3.625	
573	**30/10/2020 09:00**	11.850	3.497	
574	**30/10/2020 10:00**	11.954	3.372	
575	**30/10/2020 11:00**	11.850	3.278	
576	**30/10/2020 12:00**	11.850	3.265	
577	**30/10/2020 13:00**	11.902	3.343	
578	**30/10/2020 14:00**	11.747	3.521	
579	**30/10/2020 15:00**	11.798	3.697	
580	**30/10/2020 16:00**	11.954	3.843	
581	**30/10/2020 17:00**	11.798	3.932	
582	**30/10/2020 18:00**	11.695	3.917	
583	**30/10/2020 19:00**	11.798	3.839	
584	**30/10/2020 20:00**	11.954	3.691	
585	**30/10/2020 21:00**	11.902	3.545	
586	**30/10/2020 22:00**	11.798	3.422	
587	**30/10/2020 23:00**	11.695	3.307	
588	**31/10/2020 00:00**	11.747	3.267	
589	**31/10/2020 01:00**	11.540	3.304	
590	**31/10/2020 02:00**	11.747	3.433	
591	**31/10/2020 03:00**	11.798	3.632	
592	**31/10/2020 04:00**	11.902	3.799	
593	**31/10/2020 05:00**	11.591	3.881	
594	**31/10/2020 06:00**	11.798	3.895	
595	**31/10/2020 07:00**	11.643	3.820	
596	**31/10/2020 08:00**	11.902	3.688	
597	**31/10/2020 09:00**	11.798	3.500	
598	**31/10/2020 10:00**	11.954	3.326	
599	**31/10/2020 11:00**	11.850	3.186	
600	**31/10/2020 12:00**	11.591	3.154	
601	**31/10/2020 13:00**	11.695	3.175	
602	**31/10/2020 14:00**	11.954	3.304	
603	**31/10/2020 15:00**	11.695	3.467	
604	**31/10/2020 16:00**	11.850	3.631	

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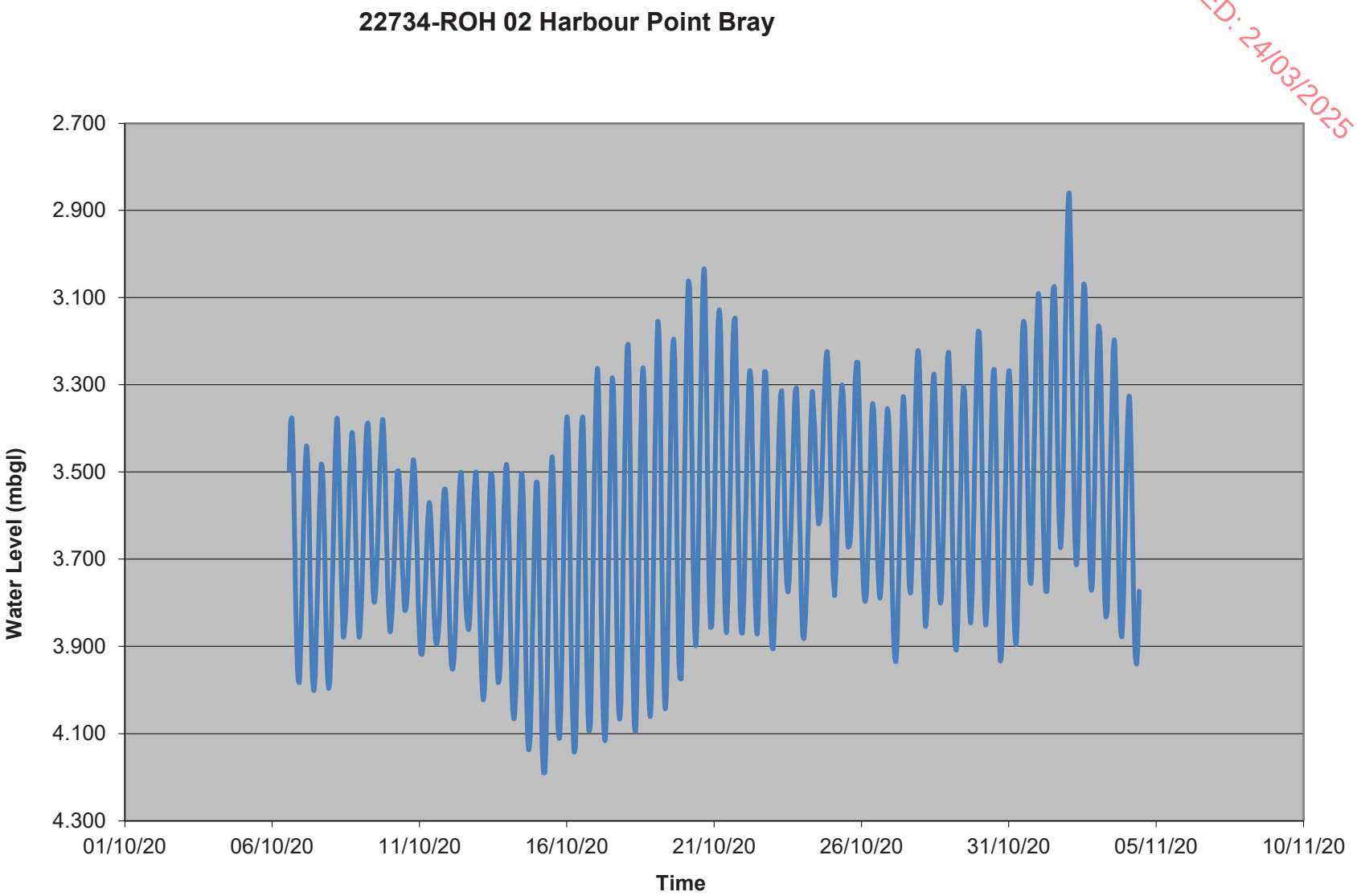
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**31/10/2020 17:00**	11.850	3.744	
606	**31/10/2020 18:00**	11.902	3.755	
607	**31/10/2020 19:00**	11.540	3.687	
608	**31/10/2020 20:00**	11.954	3.527	
609	**31/10/2020 21:00**	11.798	3.389	
610	**31/10/2020 22:00**	11.902	3.236	
611	**31/10/2020 23:00**	11.798	3.146	
612	**01/11/2020 00:00**	11.850	3.091	
613	**01/11/2020 01:00**	11.798	3.115	
614	**01/11/2020 02:00**	11.798	3.235	
615	**01/11/2020 03:00**	11.902	3.419	
616	**01/11/2020 04:00**	11.850	3.606	
617	**01/11/2020 05:00**	11.798	3.712	
618	**01/11/2020 06:00**	11.747	3.773	
619	**01/11/2020 07:00**	11.695	3.773	
620	**01/11/2020 08:00**	11.643	3.679	
621	**01/11/2020 09:00**	11.747	3.508	
622	**01/11/2020 10:00**	11.954	3.323	
623	**01/11/2020 11:00**	11.643	3.165	
624	**01/11/2020 12:00**	11.902	3.081	
625	**01/11/2020 13:00**	11.747	3.075	
626	**01/11/2020 14:00**	11.850	3.154	
627	**01/11/2020 15:00**	11.747	3.332	
628	**01/11/2020 16:00**	11.747	3.506	
629	**01/11/2020 17:00**	11.540	3.609	
630	**01/11/2020 18:00**	11.850	3.673	
631	**01/11/2020 19:00**	11.798	3.632	
632	**01/11/2020 20:00**	11.695	3.539	
633	**01/11/2020 21:00**	11.695	3.377	
634	**01/11/2020 22:00**	11.902	3.181	
635	**01/11/2020 23:00**	11.954	3.025	
636	**02/11/2020 00:00**	11.798	2.902	
637	**02/11/2020 01:00**	11.902	2.860	
638	**02/11/2020 02:00**	11.747	2.943	
639	**02/11/2020 03:00**	11.643	3.122	
640	**02/11/2020 04:00**	11.850	3.341	
641	**02/11/2020 05:00**	11.798	3.549	
642	**02/11/2020 06:00**	11.643	3.675	
643	**02/11/2020 07:00**	11.850	3.713	
644	**02/11/2020 08:00**	11.747	3.670	
645	**02/11/2020 09:00**	11.798	3.564	
646	**02/11/2020 10:00**	11.540	3.426	
647	**02/11/2020 11:00**	11.902	3.276	
648	**02/11/2020 12:00**	11.747	3.152	
649	**02/11/2020 13:00**	11.902	3.069	
650	**02/11/2020 14:00**	11.902	3.086	
651	**02/11/2020 15:00**	11.954	3.227	
652	**02/11/2020 16:00**	11.850	3.398	
653	**02/11/2020 17:00**	11.747	3.596	
654	**02/11/2020 18:00**	11.850	3.718	
655	**02/11/2020 19:00**	11.798	3.771	
656	**02/11/2020 20:00**	11.798	3.757	
657	**02/11/2020 21:00**	11.902	3.642	
658	**02/11/2020 22:00**	11.643	3.497	
659	**02/11/2020 23:00**	11.902	3.357	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**03/11/2020 00:00**	11.747	3.236	
661	**03/11/2020 01:00**	11.798	3.165	
662	**03/11/2020 02:00**	11.850	3.182	
663	**03/11/2020 03:00**	11.798	3.297	
664	**03/11/2020 04:00**	11.695	3.476	
665	**03/11/2020 05:00**	11.850	3.642	
666	**03/11/2020 06:00**	11.747	3.781	
667	**03/11/2020 07:00**	11.540	3.832	
668	**03/11/2020 08:00**	11.954	3.817	
669	**03/11/2020 09:00**	11.850	3.724	
670	**03/11/2020 10:00**	11.850	3.582	
671	**03/11/2020 11:00**	11.695	3.452	
672	**03/11/2020 12:00**	11.850	3.323	
673	**03/11/2020 13:00**	11.850	3.225	
674	**03/11/2020 14:00**	11.798	3.198	
675	**03/11/2020 15:00**	11.850	3.289	
676	**03/11/2020 16:00**	11.798	3.446	
677	**03/11/2020 17:00**	11.591	3.636	
678	**03/11/2020 18:00**	11.695	3.783	
679	**03/11/2020 19:00**	11.798	3.862	
680	**03/11/2020 20:00**	11.591	3.877	
681	**03/11/2020 21:00**	11.798	3.815	
682	**03/11/2020 22:00**	11.954	3.702	
683	**03/11/2020 23:00**	11.902	3.574	
684	**04/11/2020 00:00**	11.798	3.456	
685	**04/11/2020 01:00**	11.850	3.360	
686	**04/11/2020 02:00**	11.798	3.326	
687	**04/11/2020 03:00**	11.798	3.382	
688	**04/11/2020 04:00**	11.954	3.524	
689	**04/11/2020 05:00**	11.643	3.696	
690	**04/11/2020 06:00**	11.902	3.848	
691	**04/11/2020 07:00**	11.902	3.921	
692	**04/11/2020 08:00**	11.747	3.940	
693	**04/11/2020 09:00**	11.902	3.895	
694	**04/11/2020 10:00**	11.902	3.773	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**04/11/2020 13:00**	11.982	3.616	
2	**04/11/2020 14:00**	11.902	3.550	
3	**04/11/2020 15:00**	11.798	3.573	
4	**04/11/2020 16:00**	11.902	3.679	
5	**04/11/2020 17:00**	11.902	3.846	
6	**04/11/2020 18:00**	11.643	4.018	
7	**04/11/2020 19:00**	11.591	4.137	
8	**04/11/2020 20:00**	11.488	4.185	
9	**04/11/2020 21:00**	11.798	4.177	
10	**04/11/2020 22:00**	11.695	4.101	
11	**04/11/2020 23:00**	11.798	3.986	
12	**05/11/2020 00:00**	11.902	3.862	
13	**05/11/2020 01:00**	11.643	3.749	
14	**05/11/2020 02:00**	11.591	3.663	
15	**05/11/2020 03:00**	11.850	3.644	
16	**05/11/2020 04:00**	11.591	3.713	
17	**05/11/2020 05:00**	11.747	3.851	
18	**05/11/2020 06:00**	11.902	3.994	
19	**05/11/2020 07:00**	11.747	4.108	
20	**05/11/2020 08:00**	11.902	4.157	
21	**05/11/2020 09:00**	11.902	4.151	
22	**05/11/2020 10:00**	11.954	4.065	
23	**05/11/2020 11:00**	11.591	3.951	
24	**05/11/2020 12:00**	11.747	3.833	
25	**05/11/2020 13:00**	11.695	3.719	
26	**05/11/2020 14:00**	11.798	3.626	
27	**05/11/2020 15:00**	11.850	3.606	
28	**05/11/2020 16:00**	11.954	3.651	
29	**05/11/2020 17:00**	11.850	3.782	
30	**05/11/2020 18:00**	11.850	3.943	
31	**05/11/2020 19:00**	11.902	4.076	
32	**05/11/2020 20:00**	11.850	4.171	
33	**05/11/2020 21:00**	11.954	4.188	
34	**05/11/2020 22:00**	11.747	4.153	
35	**05/11/2020 23:00**	11.902	4.049	
36	**06/11/2020 00:00**	11.902	3.930	
37	**06/11/2020 01:00**	11.902	3.802	
38	**06/11/2020 02:00**	11.798	3.702	
39	**06/11/2020 03:00**	11.850	3.632	
40	**06/11/2020 04:00**	11.902	3.643	
41	**06/11/2020 05:00**	11.954	3.724	
42	**06/11/2020 06:00**	11.902	3.862	
43	**06/11/2020 07:00**	11.591	3.991	
44	**06/11/2020 08:00**	11.850	4.087	
45	**06/11/2020 09:00**	11.643	4.126	
46	**06/11/2020 10:00**	11.954	4.108	
47	**06/11/2020 11:00**	11.954	4.031	
48	**06/11/2020 12:00**	11.798	3.922	
49	**06/11/2020 13:00**	11.902	3.811	
50	**06/11/2020 14:00**	11.695	3.700	
51	**06/11/2020 15:00**	11.954	3.622	
52	**06/11/2020 16:00**	11.902	3.613	
53	**06/11/2020 17:00**	11.850	3.665	
54	**06/11/2020 18:00**	11.695	3.784	

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55	**06/11/2020 19:00**	11.850	3.932	
56	**06/11/2020 20:00**	11.798	4.040	
57	**06/11/2020 21:00**	11.798	4.104	
58	**06/11/2020 22:00**	11.798	4.123	
59	**06/11/2020 23:00**	11.695	4.058	
60	**07/11/2020 00:00**	11.902	3.975	
61	**07/11/2020 01:00**	11.798	3.881	
62	**07/11/2020 02:00**	11.643	3.766	
63	**07/11/2020 03:00**	11.747	3.679	
64	**07/11/2020 04:00**	11.591	3.637	
65	**07/11/2020 05:00**	11.850	3.657	
66	**07/11/2020 06:00**	11.747	3.732	
67	**07/11/2020 07:00**	11.954	3.856	
68	**07/11/2020 08:00**	11.850	3.990	
69	**07/11/2020 09:00**	11.747	4.048	
70	**07/11/2020 10:00**	11.591	4.084	
71	**07/11/2020 11:00**	11.747	4.040	
72	**07/11/2020 12:00**	11.591	3.970	
73	**07/11/2020 13:00**	11.540	3.863	
74	**07/11/2020 14:00**	11.798	3.768	
75	**07/11/2020 15:00**	11.902	3.661	
76	**07/11/2020 16:00**	11.695	3.596	
77	**07/11/2020 17:00**	11.850	3.573	
78	**07/11/2020 18:00**	11.850	3.641	
79	**07/11/2020 19:00**	11.850	3.762	
80	**07/11/2020 20:00**	11.902	3.904	
81	**07/11/2020 21:00**	11.591	4.011	
82	**07/11/2020 22:00**	11.798	4.084	
83	**07/11/2020 23:00**	11.591	4.097	
84	**08/11/2020 00:00**	11.902	4.070	
85	**08/11/2020 01:00**	11.850	4.008	
86	**08/11/2020 02:00**	11.902	3.916	
87	**08/11/2020 03:00**	11.643	3.825	
88	**08/11/2020 04:00**	11.850	3.735	
89	**08/11/2020 05:00**	11.591	3.687	
90	**08/11/2020 06:00**	11.902	3.689	
91	**08/11/2020 07:00**	11.798	3.755	
92	**08/11/2020 08:00**	11.902	3.857	
93	**08/11/2020 09:00**	11.798	3.964	
94	**08/11/2020 10:00**	11.798	4.031	
95	**08/11/2020 11:00**	11.850	4.543	
96	**08/11/2020 12:00**	11.591	4.015	
97	**08/11/2020 13:00**	11.902	3.943	
98	**08/11/2020 14:00**	11.798	3.848	
99	**08/11/2020 15:00**	11.902	3.773	
100	**08/11/2020 16:00**	11.798	3.684	
101	**08/11/2020 17:00**	11.695	3.619	
102	**08/11/2020 18:00**	11.850	3.602	
103	**08/11/2020 19:00**	11.798	3.651	
104	**08/11/2020 20:00**	11.954	3.763	
105	**08/11/2020 21:00**	11.695	3.900	
106	**08/11/2020 22:00**	11.954	4.005	
107	**08/11/2020 23:00**	11.902	4.081	
108	**09/11/2020 00:00**	11.850	4.101	
109	**09/11/2020 01:00**	11.954	4.084	

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110	**09/11/2020 02:00**	11.902	4.027	
111	**09/11/2020 03:00**	11.591	3.926	
112	**09/11/2020 04:00**	11.850	3.841	
113	**09/11/2020 05:00**	11.540	3.737	
114	**09/11/2020 06:00**	11.902	3.669	
115	**09/11/2020 07:00**	11.954	3.654	
116	**09/11/2020 08:00**	11.954	3.717	
117	**09/11/2020 09:00**	11.540	3.804	
118	**09/11/2020 10:00**	11.954	3.912	
119	**09/11/2020 11:00**	11.798	3.979	
120	**09/11/2020 12:00**	11.902	4.015	
121	**09/11/2020 13:00**	11.954	4.013	
122	**09/11/2020 14:00**	11.902	3.970	
123	**09/11/2020 15:00**	11.747	3.887	
124	**09/11/2020 16:00**	11.798	3.816	
125	**09/11/2020 17:00**	11.747	3.714	
126	**09/11/2020 18:00**	11.798	3.630	
127	**09/11/2020 19:00**	11.798	3.601	
128	**09/11/2020 20:00**	11.747	3.631	
129	**09/11/2020 21:00**	11.954	3.727	
130	**09/11/2020 22:00**	11.695	3.865	
131	**09/11/2020 23:00**	11.954	3.987	
132	**10/11/2020 00:00**	11.747	4.079	
133	**10/11/2020 01:00**	11.902	4.124	
134	**10/11/2020 02:00**	11.850	4.115	
135	**10/11/2020 03:00**	11.902	4.064	
136	**10/11/2020 04:00**	11.954	3.993	
137	**10/11/2020 05:00**	11.695	3.887	
138	**10/11/2020 06:00**	11.747	3.772	
139	**10/11/2020 07:00**	11.902	3.693	
140	**10/11/2020 08:00**	11.902	3.655	
141	**10/11/2020 09:00**	11.643	3.699	
142	**10/11/2020 10:00**	11.747	3.794	
143	**10/11/2020 11:00**	11.643	3.902	
144	**10/11/2020 12:00**	11.798	4.002	
145	**10/11/2020 13:00**	11.902	4.058	
146	**10/11/2020 14:00**	11.902	4.065	
147	**10/11/2020 15:00**	11.798	4.028	
148	**10/11/2020 16:00**	11.850	3.945	
149	**10/11/2020 17:00**	11.747	3.848	
150	**10/11/2020 18:00**	11.850	3.749	
151	**10/11/2020 19:00**	11.695	3.646	
152	**10/11/2020 20:00**	11.902	3.592	
153	**10/11/2020 21:00**	11.850	3.610	
154	**10/11/2020 22:00**	11.954	3.713	
155	**10/11/2020 23:00**	11.954	3.849	
156	**11/11/2020 00:00**	11.954	3.990	
157	**11/11/2020 01:00**	11.850	4.088	
158	**11/11/2020 02:00**	11.902	4.137	
159	**11/11/2020 03:00**	11.954	4.128	
160	**11/11/2020 04:00**	11.954	4.058	
161	**11/11/2020 05:00**	11.954	3.949	
162	**11/11/2020 06:00**	11.954	3.829	
163	**11/11/2020 07:00**	11.954	3.704	
164	**11/11/2020 08:00**	11.850	3.600	

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165	**11/11/2020 09:00**	11.954	3.559	
166	**11/11/2020 10:00**	11.954	3.589	
167	**11/11/2020 11:00**	11.850	3.701	
168	**11/11/2020 12:00**	11.954	3.837	
169	**11/11/2020 13:00**	11.850	3.938	
170	**11/11/2020 14:00**	11.850	3.993	
171	**11/11/2020 15:00**	11.850	3.995	
172	**11/11/2020 16:00**	11.850	3.932	
173	**11/11/2020 17:00**	11.488	3.831	
174	**11/11/2020 18:00**	11.695	3.692	
175	**11/11/2020 19:00**	11.954	3.547	
176	**11/11/2020 20:00**	11.540	3.420	
177	**11/11/2020 21:00**	11.902	3.364	
178	**11/11/2020 22:00**	11.798	3.373	
179	**11/11/2020 23:00**	11.798	3.506	
180	**12/11/2020 00:00**	11.954	3.676	
181	**12/11/2020 01:00**	11.902	3.835	
182	**12/11/2020 02:00**	11.902	3.942	
183	**12/11/2020 03:00**	11.798	3.985	
184	**12/11/2020 04:00**	11.747	3.951	
185	**12/11/2020 05:00**	11.954	3.861	
186	**12/11/2020 06:00**	11.954	3.722	
187	**12/11/2020 07:00**	11.954	3.564	
188	**12/11/2020 08:00**	11.798	3.423	
189	**12/11/2020 09:00**	11.798	3.309	
190	**12/11/2020 10:00**	11.850	3.298	
191	**12/11/2020 11:00**	11.798	3.337	
192	**12/11/2020 12:00**	11.488	3.467	
193	**12/11/2020 13:00**	11.954	3.637	
194	**12/11/2020 14:00**	11.850	3.769	
195	**12/11/2020 15:00**	11.798	3.840	
196	**12/11/2020 16:00**	11.954	3.835	
197	**12/11/2020 17:00**	11.902	3.745	
198	**12/11/2020 18:00**	11.695	3.618	
199	**12/11/2020 19:00**	11.798	3.447	
200	**12/11/2020 20:00**	11.954	3.297	
201	**12/11/2020 21:00**	11.798	3.172	
202	**12/11/2020 22:00**	11.747	3.114	
203	**12/11/2020 23:00**	11.850	3.156	
204	**13/11/2020 00:00**	11.798	3.304	
205	**13/11/2020 01:00**	11.850	3.497	
206	**13/11/2020 02:00**	11.798	3.689	
207	**13/11/2020 03:00**	11.798	3.808	
208	**13/11/2020 04:00**	11.591	3.855	
209	**13/11/2020 05:00**	11.747	3.801	
210	**13/11/2020 06:00**	11.902	3.675	
211	**13/11/2020 07:00**	11.850	3.517	
212	**13/11/2020 08:00**	11.902	3.347	
213	**13/11/2020 09:00**	11.954	3.209	
214	**13/11/2020 10:00**	11.591	3.107	
215	**13/11/2020 11:00**	11.850	3.117	
216	**13/11/2020 12:00**	11.902	3.226	
217	**13/11/2020 13:00**	11.902	3.419	
218	**13/11/2020 14:00**	11.591	3.625	
219	**13/11/2020 15:00**	11.850	3.760	

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220	**13/11/2020 16:00**	11.850	3.820	
221	**13/11/2020 17:00**	11.902	3.792	
222	**13/11/2020 18:00**	11.850	3.675	
223	**13/11/2020 19:00**	11.747	3.515	
224	**13/11/2020 20:00**	11.850	3.336	
225	**13/11/2020 21:00**	11.954	3.171	
226	**13/11/2020 22:00**	11.850	3.057	
227	**13/11/2020 23:00**	11.902	3.032	
228	**14/11/2020 00:00**	11.798	3.123	
229	**14/11/2020 01:00**	11.798	3.316	
230	**14/11/2020 02:00**	11.850	3.545	
231	**14/11/2020 03:00**	11.954	3.730	
232	**14/11/2020 04:00**	11.902	3.832	
233	**14/11/2020 05:00**	11.902	3.858	
234	**14/11/2020 06:00**	11.954	3.776	
235	**14/11/2020 07:00**	11.850	3.631	
236	**14/11/2020 08:00**	11.643	3.435	
237	**14/11/2020 09:00**	11.902	3.248	
238	**14/11/2020 10:00**	11.850	3.088	
239	**14/11/2020 11:00**	11.643	2.981	
240	**14/11/2020 12:00**	11.954	3.009	
241	**14/11/2020 13:00**	11.954	3.133	
242	**14/11/2020 14:00**	11.954	3.342	
243	**14/11/2020 15:00**	11.850	3.545	
244	**14/11/2020 16:00**	11.954	3.663	
245	**14/11/2020 17:00**	11.747	3.706	
246	**14/11/2020 18:00**	11.798	3.656	
247	**14/11/2020 19:00**	11.798	3.512	
248	**14/11/2020 20:00**	11.902	3.322	
249	**14/11/2020 21:00**	11.747	3.135	
250	**14/11/2020 22:00**	11.591	2.958	
251	**14/11/2020 23:00**	11.798	2.829	
252	**15/11/2020 00:00**	11.747	2.819	
253	**15/11/2020 01:00**	11.643	2.941	
254	**15/11/2020 02:00**	11.902	3.176	
255	**15/11/2020 03:00**	11.591	3.433	
256	**15/11/2020 04:00**	11.695	3.602	
257	**15/11/2020 05:00**	11.954	3.688	
258	**15/11/2020 06:00**	11.747	3.671	
259	**15/11/2020 07:00**	11.954	3.546	
260	**15/11/2020 08:00**	11.747	3.369	
261	**15/11/2020 09:00**	11.643	3.172	
262	**15/11/2020 10:00**	11.850	2.997	
263	**15/11/2020 11:00**	11.798	2.858	
264	**15/11/2020 12:00**	11.747	2.802	
265	**15/11/2020 13:00**	11.798	2.878	
266	**15/11/2020 14:00**	11.850	3.071	
267	**15/11/2020 15:00**	11.850	3.313	
268	**15/11/2020 16:00**	11.850	3.531	
269	**15/11/2020 17:00**	11.954	3.649	
270	**15/11/2020 18:00**	11.850	3.682	
271	**15/11/2020 19:00**	11.954	3.611	
272	**15/11/2020 20:00**	11.643	3.446	
273	**15/11/2020 21:00**	11.850	3.250	
274	**15/11/2020 22:00**	11.902	3.077	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/11/2020 23:00**	11.850	2.925	
276	**16/11/2020 00:00**	11.902	2.841	
277	**16/11/2020 01:00**	11.850	2.869	
278	**16/11/2020 02:00**	11.902	3.039	
279	**16/11/2020 03:00**	11.798	3.292	
280	**16/11/2020 04:00**	11.747	3.533	
281	**16/11/2020 05:00**	11.695	3.683	
282	**16/11/2020 06:00**	11.591	3.753	
283	**16/11/2020 07:00**	11.695	3.719	
284	**16/11/2020 08:00**	11.850	3.581	
285	**16/11/2020 09:00**	11.954	3.394	
286	**16/11/2020 10:00**	11.954	3.210	
287	**16/11/2020 11:00**	11.850	3.051	
288	**16/11/2020 12:00**	11.747	2.924	
289	**16/11/2020 13:00**	11.954	2.910	
290	**16/11/2020 14:00**	11.540	3.009	
291	**16/11/2020 15:00**	11.643	3.223	
292	**16/11/2020 16:00**	11.954	3.460	
293	**16/11/2020 17:00**	11.902	3.636	
294	**16/11/2020 18:00**	11.695	3.719	
295	**16/11/2020 19:00**	11.798	3.729	
296	**16/11/2020 20:00**	11.798	3.622	
297	**16/11/2020 21:00**	12.005	3.454	
298	**16/11/2020 22:00**	11.591	3.263	
299	**16/11/2020 23:00**	11.798	3.076	
300	**17/11/2020 00:00**	11.850	2.916	
301	**17/11/2020 01:00**	11.591	2.842	
302	**17/11/2020 02:00**	11.850	2.876	
303	**17/11/2020 03:00**	11.902	3.051	
304	**17/11/2020 04:00**	11.798	3.293	
305	**17/11/2020 05:00**	11.747	3.511	
306	**17/11/2020 06:00**	11.695	3.642	
307	**17/11/2020 07:00**	11.798	3.687	
308	**17/11/2020 08:00**	11.954	3.625	
309	**17/11/2020 09:00**	11.798	3.479	
310	**17/11/2020 10:00**	11.798	3.285	
311	**17/11/2020 11:00**	11.850	3.112	
312	**17/11/2020 12:00**	11.850	2.950	
313	**17/11/2020 13:00**	11.954	2.852	
314	**17/11/2020 14:00**	11.954	2.853	
315	**17/11/2020 15:00**	11.798	2.983	
316	**17/11/2020 16:00**	11.850	3.207	
317	**17/11/2020 17:00**	11.954	3.447	
318	**17/11/2020 18:00**	11.850	3.603	
319	**17/11/2020 19:00**	11.954	3.682	
320	**17/11/2020 20:00**	11.902	3.681	
321	**17/11/2020 21:00**	11.902	3.575	
322	**17/11/2020 22:00**	11.954	3.411	
323	**17/11/2020 23:00**	11.798	3.235	
324	**18/11/2020 00:00**	11.954	3.058	
325	**18/11/2020 01:00**	11.850	2.931	
326	**18/11/2020 02:00**	11.954	2.866	
327	**18/11/2020 03:00**	11.798	2.923	
328	**18/11/2020 04:00**	11.954	3.096	
329	**18/11/2020 05:00**	11.747	3.308	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**18/11/2020 06:00**	11.850	3.496	
331	**18/11/2020 07:00**	11.798	3.603	
332	**18/11/2020 08:00**	11.954	3.624	
333	**18/11/2020 09:00**	12.005	3.559	
334	**18/11/2020 10:00**	11.798	3.412	
335	**18/11/2020 11:00**	11.954	3.240	
336	**18/11/2020 12:00**	11.954	3.064	
337	**18/11/2020 13:00**	11.850	2.920	
338	**18/11/2020 14:00**	11.747	2.838	
339	**18/11/2020 15:00**	11.643	2.864	
340	**18/11/2020 16:00**	12.005	3.013	
341	**18/11/2020 17:00**	11.643	3.247	
342	**18/11/2020 18:00**	12.005	3.453	
343	**18/11/2020 19:00**	11.850	3.598	
344	**18/11/2020 20:00**	11.850	3.666	
345	**18/11/2020 21:00**	11.902	3.657	
346	**18/11/2020 22:00**	11.902	3.571	
347	**18/11/2020 23:00**	11.954	3.427	
348	**19/11/2020 00:00**	11.954	3.271	
349	**19/11/2020 01:00**	11.747	3.124	
350	**19/11/2020 02:00**	11.954	3.018	
351	**19/11/2020 03:00**	11.747	2.986	
352	**19/11/2020 04:00**	11.850	3.059	
353	**19/11/2020 05:00**	11.902	3.236	
354	**19/11/2020 06:00**	11.902	3.456	
355	**19/11/2020 07:00**	11.798	3.631	
356	**19/11/2020 08:00**	11.954	3.727	
357	**19/11/2020 09:00**	11.954	3.758	
358	**19/11/2020 10:00**	11.902	3.714	
359	**19/11/2020 11:00**	11.954	3.603	
360	**19/11/2020 12:00**	11.695	3.467	
361	**19/11/2020 13:00**	11.902	3.343	
362	**19/11/2020 14:00**	11.695	3.250	
363	**19/11/2020 15:00**	11.902	3.191	
364	**19/11/2020 16:00**	11.954	3.225	
365	**19/11/2020 17:00**	11.850	3.342	
366	**19/11/2020 18:00**	11.798	3.530	
367	**19/11/2020 19:00**	11.850	3.694	
368	**19/11/2020 20:00**	11.798	3.801	
369	**19/11/2020 21:00**	11.902	3.856	
370	**19/11/2020 22:00**	11.850	3.831	
371	**19/11/2020 23:00**	11.798	3.737	
372	**20/11/2020 00:00**	11.954	3.611	
373	**20/11/2020 01:00**	11.488	3.465	
374	**20/11/2020 02:00**	12.005	3.341	
375	**20/11/2020 03:00**	11.798	3.233	
376	**20/11/2020 04:00**	11.643	3.183	
377	**20/11/2020 05:00**	11.902	3.224	
378	**20/11/2020 06:00**	11.954	3.366	
379	**20/11/2020 07:00**	11.747	3.515	
380	**20/11/2020 08:00**	11.850	3.639	
381	**20/11/2020 09:00**	11.798	3.711	
382	**20/11/2020 10:00**	11.954	3.711	
383	**20/11/2020 11:00**	11.850	3.647	
384	**20/11/2020 12:00**	11.798	3.529	

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385	**20/11/2020 13:00**	11.902	3.396	
386	**20/11/2020 14:00**	11.591	3.259	
387	**20/11/2020 15:00**	11.902	3.153	
388	**20/11/2020 16:00**	11.798	3.097	
389	**20/11/2020 17:00**	11.850	3.127	
390	**20/11/2020 18:00**	11.591	3.254	
391	**20/11/2020 19:00**	11.850	3.427	
392	**20/11/2020 20:00**	11.902	3.601	
393	**20/11/2020 21:00**	11.902	3.708	
394	**20/11/2020 22:00**	11.850	3.768	
395	**20/11/2020 23:00**	11.643	3.758	
396	**21/11/2020 00:00**	11.695	3.691	
397	**21/11/2020 01:00**	11.747	3.594	
398	**21/11/2020 02:00**	11.798	3.482	
399	**21/11/2020 03:00**	11.695	3.379	
400	**21/11/2020 04:00**	11.850	3.281	
401	**21/11/2020 05:00**	11.850	3.238	
402	**21/11/2020 06:00**	11.954	3.279	
403	**21/11/2020 07:00**	11.850	3.380	
404	**21/11/2020 08:00**	11.902	3.515	
405	**21/11/2020 09:00**	11.695	3.622	
406	**21/11/2020 10:00**	11.798	3.691	
407	**21/11/2020 11:00**	11.798	3.694	
408	**21/11/2020 12:00**	11.850	3.638	
409	**21/11/2020 13:00**	11.695	3.537	
410	**21/11/2020 14:00**	11.902	3.416	
411	**21/11/2020 15:00**	11.850	3.300	
412	**21/11/2020 16:00**	11.798	3.227	
413	**21/11/2020 17:00**	11.902	3.183	
414	**21/11/2020 18:00**	11.798	3.213	
415	**21/11/2020 19:00**	11.695	3.324	
416	**21/11/2020 20:00**	11.954	3.480	
417	**21/11/2020 21:00**	11.747	3.630	
418	**21/11/2020 22:00**	11.798	3.733	
419	**21/11/2020 23:00**	11.850	3.790	
420	**22/11/2020 00:00**	11.902	3.796	
421	**22/11/2020 01:00**	11.850	3.741	
422	**22/11/2020 02:00**	11.695	3.668	
423	**22/11/2020 03:00**	11.747	3.571	
424	**22/11/2020 04:00**	11.850	3.478	
425	**22/11/2020 05:00**	11.902	3.378	
426	**22/11/2020 06:00**	11.798	3.332	
427	**22/11/2020 07:00**	11.954	3.358	
428	**22/11/2020 08:00**	11.798	3.447	
429	**22/11/2020 09:00**	11.902	3.568	
430	**22/11/2020 10:00**	11.798	3.667	
431	**22/11/2020 11:00**	11.850	3.728	
432	**22/11/2020 12:00**	11.695	3.737	
433	**22/11/2020 13:00**	12.005	3.704	
434	**22/11/2020 14:00**	12.005	3.631	
435	**22/11/2020 15:00**	11.540	3.539	
436	**22/11/2020 16:00**	11.954	3.440	
437	**22/11/2020 17:00**	11.798	3.349	
438	**22/11/2020 18:00**	11.747	3.289	
439	**22/11/2020 19:00**	11.798	3.286	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**22/11/2020 20:00**	12.005	3.377	
441	**22/11/2020 21:00**	11.850	3.495	
442	**22/11/2020 22:00**	11.798	3.632	
443	**22/11/2020 23:00**	11.850	3.749	
444	**23/11/2020 00:00**	11.954	3.802	
445	**23/11/2020 01:00**	11.902	3.821	
446	**23/11/2020 02:00**	11.902	3.801	
447	**23/11/2020 03:00**	11.850	3.742	
448	**23/11/2020 04:00**	11.798	3.651	
449	**23/11/2020 05:00**	11.902	3.556	
450	**23/11/2020 06:00**	11.695	3.467	
451	**23/11/2020 07:00**	11.798	3.404	
452	**23/11/2020 08:00**	11.902	3.399	
453	**23/11/2020 09:00**	11.695	3.469	
454	**23/11/2020 10:00**	11.902	3.549	
455	**23/11/2020 11:00**	11.850	3.652	
456	**23/11/2020 12:00**	11.902	3.707	
457	**23/11/2020 13:00**	11.850	3.720	
458	**23/11/2020 14:00**	11.954	3.695	
459	**23/11/2020 15:00**	11.902	3.610	
460	**23/11/2020 16:00**	11.850	3.525	
461	**23/11/2020 17:00**	11.695	3.408	
462	**23/11/2020 18:00**	11.850	3.311	
463	**23/11/2020 19:00**	11.798	3.257	
464	**23/11/2020 20:00**	11.954	3.261	
465	**23/11/2020 21:00**	11.954	3.324	
466	**23/11/2020 22:00**	12.005	3.433	
467	**23/11/2020 23:00**	12.005	3.568	
468	**24/11/2020 00:00**	11.850	3.692	
469	**24/11/2020 01:00**	11.540	3.755	
470	**24/11/2020 02:00**	11.902	3.782	
471	**24/11/2020 03:00**	11.902	3.765	
472	**24/11/2020 04:00**	11.695	3.709	
473	**24/11/2020 05:00**	11.954	3.615	
474	**24/11/2020 06:00**	11.954	3.521	
475	**24/11/2020 07:00**	11.747	3.422	
476	**24/11/2020 08:00**	11.695	3.356	
477	**24/11/2020 09:00**	11.643	3.349	
478	**24/11/2020 10:00**	11.850	3.411	
479	**24/11/2020 11:00**	11.954	3.510	
480	**24/11/2020 12:00**	11.902	3.604	
481	**24/11/2020 13:00**	11.902	3.674	
482	**24/11/2020 14:00**	11.850	3.705	
483	**24/11/2020 15:00**	11.902	3.677	
484	**24/11/2020 16:00**	11.643	3.614	
485	**24/11/2020 17:00**	11.798	3.523	
486	**24/11/2020 18:00**	11.798	3.426	
487	**24/11/2020 19:00**	11.850	3.319	
488	**24/11/2020 20:00**	11.747	3.254	
489	**24/11/2020 21:00**	11.902	3.245	
490	**24/11/2020 22:00**	12.005	3.321	
491	**24/11/2020 23:00**	11.954	3.446	
492	**25/11/2020 00:00**	11.954	3.594	
493	**25/11/2020 01:00**	11.902	3.718	
494	**25/11/2020 02:00**	11.540	3.798	

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495	**25/11/2020 03:00**	11.954	3.839	
496	**25/11/2020 04:00**	11.850	3.818	
497	**25/11/2020 05:00**	11.695	3.760	
498	**25/11/2020 06:00**	11.954	3.664	
499	**25/11/2020 07:00**	11.954	3.569	
500	**25/11/2020 08:00**	11.591	3.452	
501	**25/11/2020 09:00**	11.954	3.391	
502	**25/11/2020 10:00**	11.850	3.394	
503	**25/11/2020 11:00**	11.695	3.463	
504	**25/11/2020 12:00**	11.850	3.577	
505	**25/11/2020 13:00**	11.954	3.687	
506	**25/11/2020 14:00**	11.902	3.772	
507	**25/11/2020 15:00**	11.850	3.803	
508	**25/11/2020 16:00**	11.954	3.786	
509	**25/11/2020 17:00**	11.850	3.726	
510	**25/11/2020 18:00**	11.954	3.630	
511	**25/11/2020 19:00**	11.747	3.527	
512	**25/11/2020 20:00**	11.954	3.441	
513	**25/11/2020 21:00**	11.798	3.369	
514	**25/11/2020 22:00**	12.005	3.364	
515	**25/11/2020 23:00**	11.954	3.440	
516	**26/11/2020 00:00**	11.798	3.578	
517	**26/11/2020 01:00**	11.902	3.730	
518	**26/11/2020 02:00**	11.954	3.852	
519	**26/11/2020 03:00**	12.005	3.907	
520	**26/11/2020 04:00**	11.902	3.930	
521	**26/11/2020 05:00**	11.850	3.888	
522	**26/11/2020 06:00**	11.798	3.805	
523	**26/11/2020 07:00**	11.902	3.695	
524	**26/11/2020 08:00**	11.954	3.591	
525	**26/11/2020 09:00**	11.902	3.491	
526	**26/11/2020 10:00**	11.798	3.431	
527	**26/11/2020 11:00**	11.747	3.445	
528	**26/11/2020 12:00**	12.005	3.548	
529	**26/11/2020 13:00**	11.850	3.679	
530	**26/11/2020 14:00**	11.798	3.798	
531	**26/11/2020 15:00**	11.798	3.801	
532	**26/11/2020 16:00**	11.798	3.864	
533	**26/11/2020 17:00**	11.798	3.843	
534	**26/11/2020 18:00**	11.798	3.755	
535	**26/11/2020 19:00**	11.747	3.637	
536	**26/11/2020 20:00**	12.005	3.536	
537	**26/11/2020 21:00**	11.902	3.440	
538	**26/11/2020 22:00**	11.850	3.381	
539	**26/11/2020 23:00**	12.057	3.406	
540	**27/11/2020 00:00**	11.747	3.505	
541	**27/11/2020 01:00**	11.850	3.638	
542	**27/11/2020 02:00**	11.850	3.775	
543	**27/11/2020 03:00**	11.902	3.885	
544	**27/11/2020 04:00**	12.005	3.944	
545	**27/11/2020 05:00**	11.902	3.937	
546	**27/11/2020 06:00**	11.747	3.867	
547	**27/11/2020 07:00**	11.954	3.775	
548	**27/11/2020 08:00**	11.902	3.670	
549	**27/11/2020 09:00**	12.005	3.543	

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550	**27/11/2020 10:00**	12.005	3.455	
551	**27/11/2020 11:00**	11.902	3.435	
552	**27/11/2020 12:00**	11.695	3.491	
553	**27/11/2020 13:00**	11.747	3.588	
554	**27/11/2020 14:00**	11.902	3.721	
555	**27/11/2020 15:00**	11.954	3.829	
556	**27/11/2020 16:00**	11.747	3.889	
557	**27/11/2020 17:00**	11.902	3.868	
558	**27/11/2020 18:00**	11.954	3.822	
559	**27/11/2020 19:00**	11.798	3.707	
560	**27/11/2020 20:00**	11.902	3.596	
561	**27/11/2020 21:00**	11.954	3.480	
562	**27/11/2020 22:00**	11.954	3.382	
563	**27/11/2020 23:00**	11.954	3.351	
564	**28/11/2020 00:00**	11.747	3.399	
565	**28/11/2020 01:00**	11.954	3.527	
566	**28/11/2020 02:00**	12.005	3.683	
567	**28/11/2020 03:00**	11.902	3.812	
568	**28/11/2020 04:00**	11.798	3.888	
569	**28/11/2020 05:00**	11.695	3.909	
570	**28/11/2020 06:00**	11.850	3.876	
571	**28/11/2020 07:00**	11.850	3.790	
572	**28/11/2020 08:00**	11.798	3.677	
573	**28/11/2020 09:00**	11.850	3.552	
574	**28/11/2020 10:00**	11.850	3.451	
575	**28/11/2020 11:00**	11.747	3.373	
576	**28/11/2020 12:00**	12.005	3.390	
577	**28/11/2020 13:00**	11.695	3.489	
578	**28/11/2020 14:00**	11.850	3.637	
579	**28/11/2020 15:00**	11.902	3.769	
580	**28/11/2020 16:00**	11.902	3.872	
581	**28/11/2020 17:00**	11.798	3.916	
582	**28/11/2020 18:00**	11.954	3.877	
583	**28/11/2020 19:00**	11.902	3.801	
584	**28/11/2020 20:00**	11.798	3.693	
585	**28/11/2020 21:00**	11.850	3.572	
586	**28/11/2020 22:00**	11.850	3.453	
587	**28/11/2020 23:00**	11.850	3.387	
588	**29/11/2020 00:00**	11.954	3.381	
589	**29/11/2020 01:00**	11.954	3.479	
590	**29/11/2020 02:00**	11.954	3.619	
591	**29/11/2020 03:00**	11.954	3.772	
592	**29/11/2020 04:00**	11.902	3.889	
593	**29/11/2020 05:00**	11.850	3.949	
594	**29/11/2020 06:00**	11.902	3.941	
595	**29/11/2020 07:00**	11.954	3.875	
596	**29/11/2020 08:00**	11.798	3.763	
597	**29/11/2020 09:00**	12.005	3.651	
598	**29/11/2020 10:00**	11.850	3.532	
599	**29/11/2020 11:00**	11.954	3.431	
600	**29/11/2020 12:00**	11.850	3.398	
601	**29/11/2020 13:00**	11.954	3.455	
602	**29/11/2020 14:00**	11.798	3.582	
603	**29/11/2020 15:00**	11.850	3.735	
604	**29/11/2020 16:00**	11.954	3.862	

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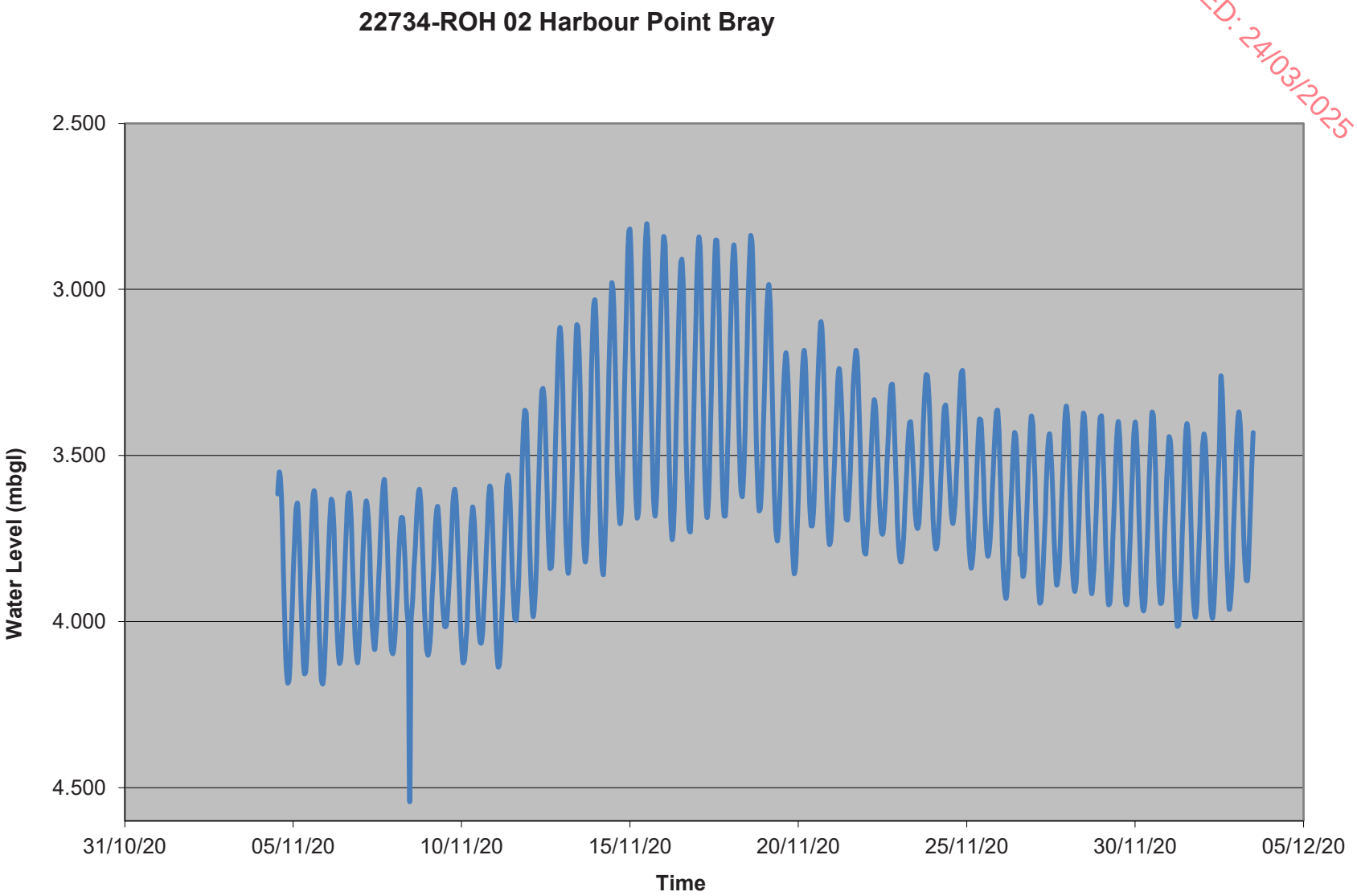
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**29/11/2020 17:00**	11.643	3.942	
606	**29/11/2020 18:00**	11.850	3.949	
607	**29/11/2020 19:00**	11.902	3.900	
608	**29/11/2020 20:00**	11.954	3.791	
609	**29/11/2020 21:00**	11.954	3.670	
610	**29/11/2020 22:00**	11.850	3.547	
611	**29/11/2020 23:00**	11.954	3.439	
612	**30/11/2020 00:00**	11.954	3.399	
613	**30/11/2020 01:00**	11.954	3.446	
614	**30/11/2020 02:00**	11.850	3.571	
615	**30/11/2020 03:00**	11.850	3.725	
616	**30/11/2020 04:00**	11.798	3.858	
617	**30/11/2020 05:00**	11.954	3.948	
618	**30/11/2020 06:00**	11.798	3.968	
619	**30/11/2020 07:00**	11.902	3.935	
620	**30/11/2020 08:00**	11.798	3.828	
621	**30/11/2020 09:00**	11.850	3.706	
622	**30/11/2020 10:00**	11.850	3.566	
623	**30/11/2020 11:00**	11.747	3.451	
624	**30/11/2020 12:00**	12.005	3.370	
625	**30/11/2020 13:00**	11.798	3.384	
626	**30/11/2020 14:00**	11.902	3.483	
627	**30/11/2020 15:00**	11.902	3.631	
628	**30/11/2020 16:00**	11.591	3.784	
629	**30/11/2020 17:00**	11.850	3.893	
630	**30/11/2020 18:00**	12.005	3.945	
631	**30/11/2020 19:00**	11.643	3.941	
632	**30/11/2020 20:00**	11.850	3.854	
633	**30/11/2020 21:00**	12.005	3.736	
634	**30/11/2020 22:00**	11.902	3.620	
635	**30/11/2020 23:00**	12.005	3.523	
636	**01/12/2020 00:00**	11.954	3.444	
637	**01/12/2020 01:00**	11.747	3.454	
638	**01/12/2020 02:00**	11.747	3.537	
639	**01/12/2020 03:00**	12.005	3.686	
640	**01/12/2020 04:00**	12.005	3.842	
641	**01/12/2020 05:00**	12.005	3.954	
642	**01/12/2020 06:00**	11.954	4.014	
643	**01/12/2020 07:00**	11.798	4.009	
644	**01/12/2020 08:00**	11.954	3.931	
645	**01/12/2020 09:00**	11.798	3.808	
646	**01/12/2020 10:00**	11.798	3.685	
647	**01/12/2020 11:00**	11.798	3.545	
648	**01/12/2020 12:00**	11.954	3.433	
649	**01/12/2020 13:00**	11.954	3.404	
650	**01/12/2020 14:00**	11.902	3.450	
651	**01/12/2020 15:00**	11.798	3.581	
652	**01/12/2020 16:00**	11.902	3.751	
653	**01/12/2020 17:00**	11.902	3.895	
654	**01/12/2020 18:00**	11.954	3.966	
655	**01/12/2020 19:00**	11.798	3.987	
656	**01/12/2020 20:00**	11.902	3.943	
657	**01/12/2020 21:00**	11.798	3.825	
658	**01/12/2020 22:00**	11.902	3.710	
659	**01/12/2020 23:00**	11.591	3.586	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**02/12/2020 00:00**	11.798	3.474	
661	**02/12/2020 01:00**	11.902	3.435	
662	**02/12/2020 02:00**	12.005	3.458	
663	**02/12/2020 03:00**	11.954	3.569	
664	**02/12/2020 04:00**	11.902	3.730	
665	**02/12/2020 05:00**	11.798	3.878	
666	**02/12/2020 06:00**	11.798	3.961	
667	**02/12/2020 07:00**	11.695	3.991	
668	**02/12/2020 08:00**	11.902	3.955	
669	**02/12/2020 09:00**	12.005	3.852	
670	**02/12/2020 10:00**	11.902	3.718	
671	**02/12/2020 11:00**	11.747	3.583	
672	**02/12/2020 12:00**	11.902	3.469	
673	**02/12/2020 13:00**	12.005	3.265	
674	**02/12/2020 14:00**	12.005	3.311	
675	**02/12/2020 15:00**	11.902	3.444	
676	**02/12/2020 16:00**	12.005	3.611	
677	**02/12/2020 17:00**	11.850	3.780	
678	**02/12/2020 18:00**	11.747	3.888	
679	**02/12/2020 19:00**	11.902	3.962	
680	**02/12/2020 20:00**	11.850	3.934	
681	**02/12/2020 21:00**	12.005	3.872	
682	**02/12/2020 22:00**	11.850	3.740	
683	**02/12/2020 23:00**	11.954	3.610	
684	**03/12/2020 00:00**	11.902	3.490	
685	**03/12/2020 01:00**	11.850	3.396	
686	**03/12/2020 02:00**	11.954	3.369	
687	**03/12/2020 03:00**	11.902	3.424	
688	**03/12/2020 04:00**	11.591	3.548	
689	**03/12/2020 05:00**	11.747	3.702	
690	**03/12/2020 06:00**	11.850	3.810	
691	**03/12/2020 07:00**	11.747	3.875	
692	**03/12/2020 08:00**	11.954	3.876	
693	**03/12/2020 09:00**	11.902	3.798	
694	**03/12/2020 10:00**	11.798	3.668	
695	**03/12/2020 11:00**	11.954	3.548	
696	**03/12/2020 12:00**	11.798	3.431	
697	**03/12/2020 13:00**	11.850	3.325	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**03/12/2020 15:00**	11.850	3.270	
2	**03/12/2020 16:00**	11.850	3.288	
3	**03/12/2020 17:00**	11.902	3.405	
4	**03/12/2020 18:00**	11.798	3.572	
5	**03/12/2020 19:00**	12.005	3.741	
6	**03/12/2020 20:00**	11.798	3.844	
7	**03/12/2020 21:00**	12.005	3.874	
8	**03/12/2020 22:00**	11.902	3.849	
9	**03/12/2020 23:00**	12.005	3.763	
10	**04/12/2020 00:00**	11.902	3.662	
11	**04/12/2020 01:00**	11.798	3.540	
12	**04/12/2020 02:00**	11.954	3.440	
13	**04/12/2020 03:00**	11.798	3.364	
14	**04/12/2020 04:00**	11.954	3.372	
15	**04/12/2020 05:00**	11.954	3.463	
16	**04/12/2020 06:00**	11.902	3.603	
17	**04/12/2020 07:00**	11.798	3.737	
18	**04/12/2020 08:00**	11.902	3.848	
19	**04/12/2020 09:00**	12.005	3.880	
20	**04/12/2020 10:00**	11.850	3.861	
21	**04/12/2020 11:00**	11.747	3.786	
22	**04/12/2020 12:00**	12.005	3.669	
23	**04/12/2020 13:00**	11.902	3.545	
24	**04/12/2020 14:00**	12.005	3.430	
25	**04/12/2020 15:00**	11.954	3.348	
26	**04/12/2020 16:00**	11.798	3.318	
27	**04/12/2020 17:00**	11.850	3.386	
28	**04/12/2020 18:00**	11.850	3.515	
29	**04/12/2020 19:00**	11.902	3.670	
30	**04/12/2020 20:00**	11.747	3.798	
31	**04/12/2020 21:00**	11.902	3.876	
32	**04/12/2020 22:00**	11.902	3.891	
33	**04/12/2020 23:00**	11.902	3.852	
34	**05/12/2020 00:00**	12.005	3.763	
35	**05/12/2020 01:00**	11.850	3.671	
36	**05/12/2020 02:00**	11.954	3.571	
37	**05/12/2020 03:00**	11.902	3.499	
38	**05/12/2020 04:00**	11.902	3.469	
39	**05/12/2020 05:00**	11.954	3.508	
40	**05/12/2020 06:00**	11.902	3.625	
41	**05/12/2020 07:00**	11.902	3.747	
42	**05/12/2020 08:00**	11.902	3.872	
43	**05/12/2020 09:00**	11.850	3.940	
44	**05/12/2020 10:00**	11.850	3.957	
45	**05/12/2020 11:00**	11.902	3.914	
46	**05/12/2020 12:00**	11.902	3.835	
47	**05/12/2020 13:00**	11.954	3.741	
48	**05/12/2020 14:00**	11.954	3.624	
49	**05/12/2020 15:00**	11.954	3.540	
50	**05/12/2020 16:00**	11.954	3.464	
51	**05/12/2020 17:00**	11.954	3.469	
52	**05/12/2020 18:00**	11.954	3.580	
53	**05/12/2020 19:00**	11.798	3.695	
54	**05/12/2020 20:00**	11.902	3.854	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**05/12/2020 21:00**	11.902	3.938	
56	**05/12/2020 22:00**	11.902	4.016	
57	**05/12/2020 23:00**	12.005	4.019	
58	**06/12/2020 00:00**	11.850	3.985	
59	**06/12/2020 01:00**	11.954	3.895	
60	**06/12/2020 02:00**	11.798	3.797	
61	**06/12/2020 03:00**	11.850	3.678	
62	**06/12/2020 04:00**	11.902	3.575	
63	**06/12/2020 05:00**	11.747	3.528	
64	**06/12/2020 06:00**	11.798	3.556	
65	**06/12/2020 07:00**	12.005	3.656	
66	**06/12/2020 08:00**	11.695	3.787	
67	**06/12/2020 09:00**	11.747	3.896	
68	**06/12/2020 10:00**	11.850	3.954	
69	**06/12/2020 11:00**	11.850	3.962	
70	**06/12/2020 12:00**	12.005	3.923	
71	**06/12/2020 13:00**	12.005	3.850	
72	**06/12/2020 14:00**	11.954	3.745	
73	**06/12/2020 15:00**	11.798	3.641	
74	**06/12/2020 16:00**	11.902	3.533	
75	**06/12/2020 17:00**	11.747	3.483	
76	**06/12/2020 18:00**	12.005	3.478	
77	**06/12/2020 19:00**	12.005	3.566	
78	**06/12/2020 20:00**	11.850	3.696	
79	**06/12/2020 21:00**	11.902	3.829	
80	**06/12/2020 22:00**	11.902	3.938	
81	**06/12/2020 23:00**	11.954	3.978	
82	**07/12/2020 00:00**	11.902	3.978	
83	**07/12/2020 01:00**	11.798	3.928	
84	**07/12/2020 02:00**	11.954	3.846	
85	**07/12/2020 03:00**	11.850	3.749	
86	**07/12/2020 04:00**	11.902	3.634	
87	**07/12/2020 05:00**	11.850	3.540	
88	**07/12/2020 06:00**	12.005	3.496	
89	**07/12/2020 07:00**	11.643	3.530	
90	**07/12/2020 08:00**	12.005	3.623	
91	**07/12/2020 09:00**	12.005	3.732	
92	**07/12/2020 10:00**	11.902	3.835	
93	**07/12/2020 11:00**	11.798	3.901	
94	**07/12/2020 12:00**	11.954	3.909	
95	**07/12/2020 13:00**	11.798	3.856	
96	**07/12/2020 14:00**	11.850	3.780	
97	**07/12/2020 15:00**	11.798	3.680	
98	**07/12/2020 16:00**	11.798	3.578	
99	**07/12/2020 17:00**	11.954	3.470	
100	**07/12/2020 18:00**	11.695	3.411	
101	**07/12/2020 19:00**	11.902	3.417	
102	**07/12/2020 20:00**	11.954	3.494	
103	**07/12/2020 21:00**	11.954	3.620	
104	**07/12/2020 22:00**	12.005	3.763	
105	**07/12/2020 23:00**	11.695	3.865	
106	**08/12/2020 00:00**	11.747	3.937	
107	**08/12/2020 01:00**	11.902	3.942	
108	**08/12/2020 02:00**	11.798	3.904	
109	**08/12/2020 03:00**	11.850	3.830	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**08/12/2020 04:00**	11.798	3.739	
111	**08/12/2020 05:00**	11.695	3.632	
112	**08/12/2020 06:00**	12.005	3.540	
113	**08/12/2020 07:00**	11.902	3.508	
114	**08/12/2020 08:00**	11.954	3.520	
115	**08/12/2020 09:00**	11.902	3.605	
116	**08/12/2020 10:00**	11.902	3.710	
117	**08/12/2020 11:00**	11.798	3.809	
118	**08/12/2020 12:00**	11.695	3.876	
119	**08/12/2020 13:00**	11.902	3.880	
120	**08/12/2020 14:00**	12.005	3.846	
121	**08/12/2020 15:00**	12.005	3.774	
122	**08/12/2020 16:00**	11.902	3.688	
123	**08/12/2020 17:00**	11.850	3.595	
124	**08/12/2020 18:00**	11.798	3.510	
125	**08/12/2020 19:00**	11.902	3.455	
126	**08/12/2020 20:00**	11.798	3.465	
127	**08/12/2020 21:00**	11.954	3.552	
128	**08/12/2020 22:00**	11.902	3.678	
129	**08/12/2020 23:00**	12.005	3.818	
130	**09/12/2020 00:00**	12.005	3.925	
131	**09/12/2020 01:00**	12.005	3.990	
132	**09/12/2020 02:00**	11.695	4.006	
133	**09/12/2020 03:00**	11.954	3.974	
134	**09/12/2020 04:00**	11.798	3.901	
135	**09/12/2020 05:00**	11.798	3.814	
136	**09/12/2020 06:00**	11.850	3.702	
137	**09/12/2020 07:00**	11.902	3.606	
138	**09/12/2020 08:00**	11.902	3.538	
139	**09/12/2020 09:00**	11.902	3.553	
140	**09/12/2020 10:00**	11.850	3.618	
141	**09/12/2020 11:00**	11.850	3.722	
142	**09/12/2020 12:00**	11.798	3.825	
143	**09/12/2020 13:00**	11.798	3.886	
144	**09/12/2020 14:00**	11.902	3.912	
145	**09/12/2020 15:00**	11.798	3.889	
146	**09/12/2020 16:00**	12.057	3.820	
147	**09/12/2020 17:00**	11.902	3.728	
148	**09/12/2020 18:00**	11.850	3.607	
149	**09/12/2020 19:00**	11.954	3.493	
150	**09/12/2020 20:00**	12.005	3.417	
151	**09/12/2020 21:00**	11.902	3.387	
152	**09/12/2020 22:00**	11.954	3.439	
153	**09/12/2020 23:00**	11.902	3.562	
154	**10/12/2020 00:00**	11.850	3.717	
155	**10/12/2020 01:00**	11.798	3.834	
156	**10/12/2020 02:00**	12.005	3.911	
157	**10/12/2020 03:00**	11.902	3.929	
158	**10/12/2020 04:00**	11.850	3.906	
159	**10/12/2020 05:00**	11.902	3.837	
160	**10/12/2020 06:00**	11.850	3.751	
161	**10/12/2020 07:00**	11.798	3.651	
162	**10/12/2020 08:00**	11.902	3.538	
163	**10/12/2020 09:00**	11.643	3.477	
164	**10/12/2020 10:00**	11.902	3.482	

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**10/12/2020 11:00**	11.747	3.556	
166	**10/12/2020 12:00**	12.005	3.677	
167	**10/12/2020 13:00**	11.902	3.778	
168	**10/12/2020 14:00**	11.954	3.858	
169	**10/12/2020 15:00**	11.902	3.881	
170	**10/12/2020 16:00**	11.850	3.877	
171	**10/12/2020 17:00**	11.902	3.790	
172	**10/12/2020 18:00**	11.954	3.671	
173	**10/12/2020 19:00**	12.057	3.555	
174	**10/12/2020 20:00**	11.954	3.414	
175	**10/12/2020 21:00**	11.954	3.306	
176	**10/12/2020 22:00**	12.005	3.287	
177	**10/12/2020 23:00**	11.954	3.362	
178	**11/12/2020 00:00**	11.643	3.494	
179	**11/12/2020 01:00**	11.902	3.653	
180	**11/12/2020 02:00**	11.850	3.785	
181	**11/12/2020 03:00**	11.902	3.854	
182	**11/12/2020 04:00**	11.902	3.872	
183	**11/12/2020 05:00**	11.643	3.834	
184	**11/12/2020 06:00**	11.902	3.736	
185	**11/12/2020 07:00**	11.695	3.616	
186	**11/12/2020 08:00**	12.005	3.485	
187	**11/12/2020 09:00**	11.954	3.341	
188	**11/12/2020 10:00**	12.005	3.275	
189	**11/12/2020 11:00**	11.850	3.297	
190	**11/12/2020 12:00**	12.057	3.372	
191	**11/12/2020 13:00**	11.798	3.532	
192	**11/12/2020 14:00**	12.005	3.660	
193	**11/12/2020 15:00**	11.954	3.760	
194	**11/12/2020 16:00**	11.954	3.802	
195	**11/12/2020 17:00**	11.850	3.772	
196	**11/12/2020 18:00**	11.747	3.711	
197	**11/12/2020 19:00**	11.902	3.604	
198	**11/12/2020 20:00**	11.850	3.482	
199	**11/12/2020 21:00**	12.005	3.350	
200	**11/12/2020 22:00**	11.954	3.264	
201	**11/12/2020 23:00**	11.954	3.253	
202	**12/12/2020 00:00**	12.005	3.345	
203	**12/12/2020 01:00**	11.902	3.508	
204	**12/12/2020 02:00**	11.902	3.686	
205	**12/12/2020 03:00**	12.005	3.819	
206	**12/12/2020 04:00**	11.902	3.913	
207	**12/12/2020 05:00**	11.902	3.924	
208	**12/12/2020 06:00**	11.850	3.877	
209	**12/12/2020 07:00**	12.057	3.774	
210	**12/12/2020 08:00**	11.695	3.640	
211	**12/12/2020 09:00**	11.798	3.506	
212	**12/12/2020 10:00**	11.747	3.385	
213	**12/12/2020 11:00**	11.902	3.321	
214	**12/12/2020 12:00**	12.005	3.348	
215	**12/12/2020 13:00**	11.850	3.471	
216	**12/12/2020 14:00**	12.057	3.643	
217	**12/12/2020 15:00**	11.902	3.788	
218	**12/12/2020 16:00**	11.902	3.875	
219	**12/12/2020 17:00**	12.005	3.916	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 02**
Serial No.	**580659**

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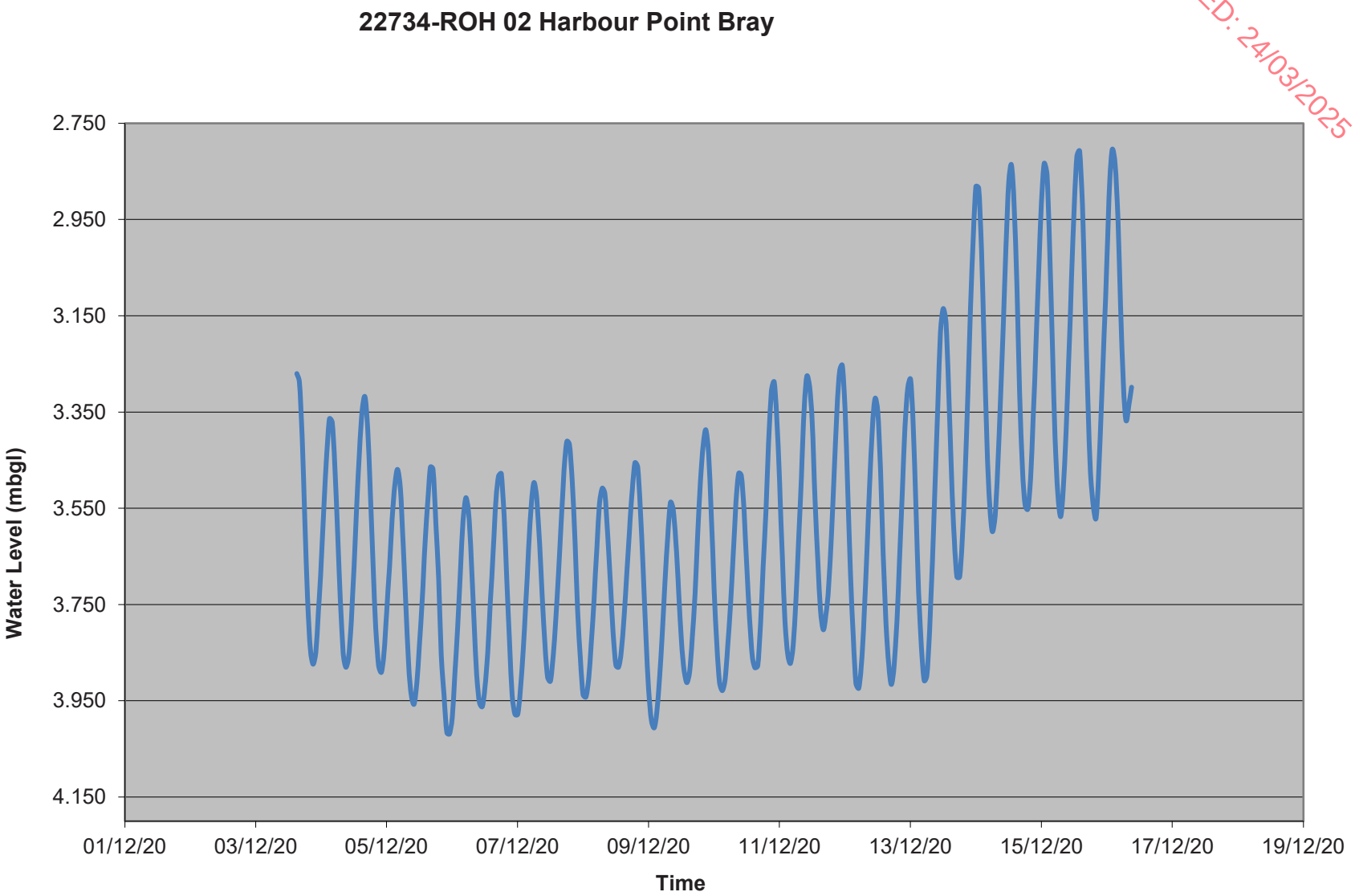
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**12/12/2020 18:00**	11.902	3.876	
221	**12/12/2020 19:00**	11.954	3.783	
222	**12/12/2020 20:00**	11.850	3.654	
223	**12/12/2020 21:00**	11.954	3.512	
224	**12/12/2020 22:00**	12.005	3.381	
225	**12/12/2020 23:00**	11.954	3.300	
226	**13/12/2020 00:00**	11.798	3.282	
227	**13/12/2020 01:00**	11.695	3.377	
228	**13/12/2020 02:00**	11.798	3.551	
229	**13/12/2020 03:00**	11.954	3.723	
230	**13/12/2020 04:00**	11.850	3.839	
231	**13/12/2020 05:00**	11.643	3.908	
232	**13/12/2020 06:00**	11.850	3.898	
233	**13/12/2020 07:00**	12.005	3.804	
234	**13/12/2020 08:00**	12.005	3.659	
235	**13/12/2020 09:00**	11.902	3.502	
236	**13/12/2020 10:00**	11.747	3.335	
237	**13/12/2020 11:00**	11.954	3.185	
238	**13/12/2020 12:00**	11.902	3.135	
239	**13/12/2020 13:00**	11.902	3.166	
240	**13/12/2020 14:00**	11.850	3.303	
241	**13/12/2020 15:00**	11.643	3.477	
242	**13/12/2020 16:00**	11.850	3.613	
243	**13/12/2020 17:00**	11.954	3.692	
244	**13/12/2020 18:00**	11.902	3.692	
245	**13/12/2020 19:00**	12.057	3.615	
246	**13/12/2020 20:00**	11.902	3.482	
247	**13/12/2020 21:00**	11.954	3.310	
248	**13/12/2020 22:00**	12.005	3.135	
249	**13/12/2020 23:00**	11.747	2.985	
250	**14/12/2020 00:00**	12.005	2.881	
251	**14/12/2020 01:00**	11.850	2.885	
252	**14/12/2020 02:00**	11.902	3.013	
253	**14/12/2020 03:00**	11.902	3.208	
254	**14/12/2020 04:00**	11.850	3.411	
255	**14/12/2020 05:00**	11.902	3.544	
256	**14/12/2020 06:00**	12.005	3.598	
257	**14/12/2020 07:00**	12.057	3.566	
258	**14/12/2020 08:00**	12.005	3.466	
259	**14/12/2020 09:00**	11.902	3.321	
260	**14/12/2020 10:00**	11.798	3.165	
261	**14/12/2020 11:00**	11.850	3.007	
262	**14/12/2020 12:00**	11.954	2.872	
263	**14/12/2020 13:00**	12.057	2.836	
264	**14/12/2020 14:00**	11.902	2.923	
265	**14/12/2020 15:00**	12.057	3.091	
266	**14/12/2020 16:00**	12.057	3.306	
267	**14/12/2020 17:00**	11.902	3.463	
268	**14/12/2020 18:00**	12.057	3.544	
269	**14/12/2020 19:00**	12.005	3.552	
270	**14/12/2020 20:00**	11.954	3.488	
271	**14/12/2020 21:00**	11.954	3.361	
272	**14/12/2020 22:00**	11.747	3.207	
273	**14/12/2020 23:00**	11.954	3.051	
274	**15/12/2020 00:00**	11.902	2.916	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 02**
Serial No.	**580659**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/12/2020 01:00**	11.954	2.833	
276	**15/12/2020 02:00**	11.902	2.856	
277	**15/12/2020 03:00**	11.902	3.007	
278	**15/12/2020 04:00**	11.954	3.213	
279	**15/12/2020 05:00**	11.850	3.401	
280	**15/12/2020 06:00**	11.954	3.520	
281	**15/12/2020 07:00**	11.850	3.567	
282	**15/12/2020 08:00**	11.954	3.510	
283	**15/12/2020 09:00**	11.850	3.392	
284	**15/12/2020 10:00**	11.850	3.246	
285	**15/12/2020 11:00**	11.902	3.075	
286	**15/12/2020 12:00**	12.005	2.921	
287	**15/12/2020 13:00**	11.954	2.819	
288	**15/12/2020 14:00**	11.954	2.808	
289	**15/12/2020 15:00**	11.902	2.922	
290	**15/12/2020 16:00**	11.850	3.122	
291	**15/12/2020 17:00**	11.954	3.326	
292	**15/12/2020 18:00**	11.902	3.476	
293	**15/12/2020 19:00**	12.005	3.545	
294	**15/12/2020 20:00**	11.850	3.570	
295	**15/12/2020 21:00**	11.695	3.476	
296	**15/12/2020 22:00**	11.902	3.331	
297	**15/12/2020 23:00**	12.057	3.190	
298	**16/12/2020 00:00**	11.902	3.032	
299	**16/12/2020 01:00**	11.954	2.871	
300	**16/12/2020 02:00**	11.902	2.804	
301	**16/12/2020 03:00**	11.902	2.836	
302	**16/12/2020 04:00**	11.902	2.947	
303	**16/12/2020 05:00**	11.954	3.128	
304	**16/12/2020 06:00**	11.850	3.290	
305	**16/12/2020 07:00**	11.954	3.367	
306	**16/12/2020 08:00**	11.850	3.337	
307	**16/12/2020 09:00**	12.005	3.298	

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Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**08/10/2020 10:00**	13.781	0.999	
2	**08/10/2020 11:00**	11.345	0.993	
3	**08/10/2020 12:00**	11.345	0.977	
4	**08/10/2020 13:00**	11.345	0.874	
5	**08/10/2020 14:00**	11.345	0.740	
6	**08/10/2020 15:00**	11.345	0.626	
7	**08/10/2020 16:00**	11.400	0.499	
8	**08/10/2020 17:00**	11.345	0.448	
9	**08/10/2020 18:00**	11.345	0.481	
10	**08/10/2020 19:00**	11.400	0.603	
11	**08/10/2020 20:00**	11.345	0.759	
12	**08/10/2020 21:00**	11.345	0.922	
13	**08/10/2020 22:00**	11.290	1.033	
14	**08/10/2020 23:00**	11.400	1.060	
15	**09/10/2020 00:00**	11.345	1.032	
16	**09/10/2020 01:00**	11.454	0.957	
17	**09/10/2020 02:00**	11.290	0.820	
18	**09/10/2020 03:00**	11.290	0.700	
19	**09/10/2020 04:00**	11.290	0.562	
20	**09/10/2020 05:00**	11.400	0.449	
21	**09/10/2020 06:00**	11.400	0.453	
22	**09/10/2020 07:00**	11.345	0.523	
23	**09/10/2020 08:00**	11.400	0.682	
24	**09/10/2020 09:00**	11.235	0.829	
25	**09/10/2020 10:00**	11.290	0.929	
26	**09/10/2020 11:00**	11.235	1.001	
27	**09/10/2020 12:00**	11.345	1.001	
28	**09/10/2020 13:00**	11.290	0.956	
29	**09/10/2020 14:00**	11.290	0.843	
30	**09/10/2020 15:00**	11.400	0.723	
31	**09/10/2020 16:00**	11.345	0.602	
32	**09/10/2020 17:00**	11.345	0.502	
33	**09/10/2020 18:00**	11.400	0.452	
34	**09/10/2020 19:00**	11.400	0.509	
35	**09/10/2020 20:00**	11.345	0.652	
36	**09/10/2020 21:00**	11.345	0.805	
37	**09/10/2020 22:00**	11.345	0.951	
38	**09/10/2020 23:00**	11.345	1.042	
39	**10/10/2020 00:00**	11.400	1.114	
40	**10/10/2020 01:00**	11.400	1.083	
41	**10/10/2020 02:00**	11.290	1.043	
42	**10/10/2020 03:00**	11.345	0.971	
43	**10/10/2020 04:00**	11.400	0.848	
44	**10/10/2020 05:00**	11.400	0.724	
45	**10/10/2020 06:00**	11.235	0.644	
46	**10/10/2020 07:00**	11.345	0.619	
47	**10/10/2020 08:00**	11.235	0.696	
48	**10/10/2020 09:00**	11.400	0.791	
49	**10/10/2020 10:00**	11.400	0.913	
50	**10/10/2020 11:00**	11.345	1.000	
51	**10/10/2020 12:00**	11.235	1.037	
52	**10/10/2020 13:00**	11.400	1.053	
53	**10/10/2020 14:00**	11.400	1.000	
54	**10/10/2020 15:00**	11.345	0.919	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**10/10/2020 16:00**	11.290	0.833	
56	**10/10/2020 17:00**	11.290	0.721	
57	**10/10/2020 18:00**	11.345	0.639	
58	**10/10/2020 19:00**	11.290	0.576	
59	**10/10/2020 20:00**	11.235	0.613	
60	**10/10/2020 21:00**	11.345	0.720	
61	**10/10/2020 22:00**	11.345	0.861	
62	**10/10/2020 23:00**	11.400	0.993	
63	**11/10/2020 00:00**	11.345	1.086	
64	**11/10/2020 01:00**	11.345	1.165	
65	**11/10/2020 02:00**	11.400	1.153	
66	**11/10/2020 03:00**	11.345	1.125	
67	**11/10/2020 04:00**	11.345	1.063	
68	**11/10/2020 05:00**	11.345	0.965	
69	**11/10/2020 06:00**	11.345	0.840	
70	**11/10/2020 07:00**	11.345	0.747	
71	**11/10/2020 08:00**	11.345	0.709	
72	**11/10/2020 09:00**	11.290	0.748	
73	**11/10/2020 10:00**	11.345	0.831	
74	**11/10/2020 11:00**	11.345	0.934	
75	**11/10/2020 12:00**	11.290	1.023	
76	**11/10/2020 13:00**	11.345	1.099	
77	**11/10/2020 14:00**	11.290	1.128	
78	**11/10/2020 15:00**	11.235	1.111	
79	**11/10/2020 16:00**	11.345	1.058	
80	**11/10/2020 17:00**	11.400	0.969	
81	**11/10/2020 18:00**	11.345	0.856	
82	**11/10/2020 19:00**	11.290	0.747	
83	**11/10/2020 20:00**	11.235	0.642	
84	**11/10/2020 21:00**	11.290	0.630	
85	**11/10/2020 22:00**	11.400	0.705	
86	**11/10/2020 23:00**	11.345	0.818	
87	**12/10/2020 00:00**	11.345	0.965	
88	**12/10/2020 01:00**	11.345	1.083	
89	**12/10/2020 02:00**	11.400	1.152	
90	**12/10/2020 03:00**	11.345	1.185	
91	**12/10/2020 04:00**	11.235	1.163	
92	**12/10/2020 05:00**	11.345	1.109	
93	**12/10/2020 06:00**	11.400	0.982	
94	**12/10/2020 07:00**	11.400	0.862	
95	**12/10/2020 08:00**	11.290	0.709	
96	**12/10/2020 09:00**	11.345	0.623	
97	**12/10/2020 10:00**	11.290	0.585	
98	**12/10/2020 11:00**	11.235	0.645	
99	**12/10/2020 12:00**	11.345	0.788	
100	**12/10/2020 13:00**	11.400	0.895	
101	**12/10/2020 14:00**	11.400	0.983	
102	**12/10/2020 15:00**	11.290	1.059	
103	**12/10/2020 16:00**	11.345	1.077	
104	**12/10/2020 17:00**	11.345	1.034	
105	**12/10/2020 18:00**	11.345	0.960	
106	**12/10/2020 19:00**	11.345	0.855	
107	**12/10/2020 20:00**	11.345	0.721	
108	**12/10/2020 21:00**	11.345	0.608	
109	**12/10/2020 22:00**	11.345	0.584	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**12/10/2020 23:00**	11.345	0.666	
111	**13/10/2020 00:00**	11.345	0.819	
112	**13/10/2020 01:00**	11.290	0.971	
113	**13/10/2020 02:00**	11.345	1.109	
114	**13/10/2020 03:00**	11.345	1.209	
115	**13/10/2020 04:00**	11.345	1.252	
116	**13/10/2020 05:00**	11.400	1.217	
117	**13/10/2020 06:00**	11.345	1.146	
118	**13/10/2020 07:00**	11.290	1.022	
119	**13/10/2020 08:00**	11.345	0.855	
120	**13/10/2020 09:00**	11.290	0.692	
121	**13/10/2020 10:00**	11.345	0.604	
122	**13/10/2020 11:00**	11.345	0.570	
123	**13/10/2020 12:00**	11.290	0.671	
124	**13/10/2020 13:00**	11.400	0.846	
125	**13/10/2020 14:00**	11.400	1.003	
126	**13/10/2020 15:00**	11.345	1.139	
127	**13/10/2020 16:00**	11.290	1.197	
128	**13/10/2020 17:00**	11.345	1.207	
129	**13/10/2020 18:00**	11.345	1.135	
130	**13/10/2020 19:00**	11.345	0.998	
131	**13/10/2020 20:00**	11.290	0.846	
132	**13/10/2020 21:00**	11.290	0.684	
133	**13/10/2020 22:00**	11.345	0.550	
134	**13/10/2020 23:00**	11.345	0.536	
135	**14/10/2020 00:00**	11.290	0.622	
136	**14/10/2020 01:00**	11.345	0.777	
137	**14/10/2020 02:00**	11.290	0.980	
138	**14/10/2020 03:00**	11.345	1.147	
139	**14/10/2020 04:00**	11.345	1.281	
140	**14/10/2020 05:00**	11.400	1.300	
141	**14/10/2020 06:00**	11.400	1.274	
142	**14/10/2020 07:00**	11.345	1.174	
143	**14/10/2020 08:00**	11.345	1.014	
144	**14/10/2020 09:00**	11.345	0.830	
145	**14/10/2020 10:00**	11.345	0.658	
146	**14/10/2020 11:00**	11.345	0.550	
147	**14/10/2020 12:00**	11.345	0.564	
148	**14/10/2020 13:00**	11.345	0.746	
149	**14/10/2020 14:00**	11.345	0.968	
150	**14/10/2020 15:00**	11.290	1.182	
151	**14/10/2020 16:00**	11.345	1.325	
152	**14/10/2020 17:00**	11.345	1.383	
153	**14/10/2020 18:00**	11.400	1.376	
154	**14/10/2020 19:00**	11.400	1.239	
155	**14/10/2020 20:00**	11.400	1.084	
156	**14/10/2020 21:00**	11.400	0.861	
157	**14/10/2020 22:00**	11.400	0.682	
158	**14/10/2020 23:00**	11.345	0.541	
159	**15/10/2020 00:00**	11.400	0.555	
160	**15/10/2020 01:00**	11.400	0.701	
161	**15/10/2020 02:00**	11.290	0.934	
162	**15/10/2020 03:00**	11.345	1.168	
163	**15/10/2020 04:00**	11.345	1.347	
164	**15/10/2020 05:00**	11.400	1.409	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**15/10/2020 06:00**	11.454	1.438	
166	**15/10/2020 07:00**	11.454	1.347	
167	**15/10/2020 08:00**	11.454	1.162	
168	**15/10/2020 09:00**	11.345	0.941	
169	**15/10/2020 10:00**	11.345	0.711	
170	**15/10/2020 11:00**	11.400	0.510	
171	**15/10/2020 12:00**	11.400	0.431	
172	**15/10/2020 13:00**	11.345	0.503	
173	**15/10/2020 14:00**	11.345	0.721	
174	**15/10/2020 15:00**	11.345	0.965	
175	**15/10/2020 16:00**	11.345	1.158	
176	**15/10/2020 17:00**	11.345	1.266	
177	**15/10/2020 18:00**	11.400	1.316	
178	**15/10/2020 19:00**	11.400	1.230	
179	**15/10/2020 20:00**	11.454	1.079	
180	**15/10/2020 21:00**	11.400	0.849	
181	**15/10/2020 22:00**	11.345	0.606	
182	**15/10/2020 23:00**	11.345	0.398	
183	**16/10/2020 00:00**	11.400	0.275	
184	**16/10/2020 01:00**	11.345	0.333	
185	**16/10/2020 02:00**	11.400	0.577	
186	**16/10/2020 03:00**	11.400	0.871	
187	**16/10/2020 04:00**	11.345	1.110	
188	**16/10/2020 05:00**	11.345	1.277	
189	**16/10/2020 06:00**	11.454	1.339	
190	**16/10/2020 07:00**	11.400	1.327	
191	**16/10/2020 08:00**	11.400	1.217	
192	**16/10/2020 09:00**	11.400	0.994	
193	**16/10/2020 10:00**	11.345	0.720	
194	**16/10/2020 11:00**	11.345	0.476	
195	**16/10/2020 12:00**	11.345	0.330	
196	**16/10/2020 13:00**	11.400	0.294	
197	**16/10/2020 14:00**	11.345	0.454	
198	**16/10/2020 15:00**	11.345	0.723	
199	**16/10/2020 16:00**	11.290	0.998	
200	**16/10/2020 17:00**	11.345	1.189	
201	**16/10/2020 18:00**	11.400	1.266	
202	**16/10/2020 19:00**	11.400	1.273	
203	**16/10/2020 20:00**	11.400	1.153	
204	**16/10/2020 21:00**	11.345	0.919	
205	**16/10/2020 22:00**	11.400	0.636	
206	**16/10/2020 23:00**	11.400	0.395	
207	**17/10/2020 00:00**	11.400	0.194	
208	**17/10/2020 01:00**	11.345	0.132	
209	**17/10/2020 02:00**	11.345	0.251	
210	**17/10/2020 03:00**	11.290	0.548	
211	**17/10/2020 04:00**	11.345	0.863	
212	**17/10/2020 05:00**	11.345	1.105	
213	**17/10/2020 06:00**	11.400	1.246	
214	**17/10/2020 07:00**	11.400	1.296	
215	**17/10/2020 08:00**	11.454	1.253	
216	**17/10/2020 09:00**	11.454	1.092	
217	**17/10/2020 10:00**	11.345	0.815	
218	**17/10/2020 11:00**	11.345	0.555	
219	**17/10/2020 12:00**	11.345	0.296	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**17/10/2020 13:00**	11.345	0.160	
221	**17/10/2020 14:00**	11.400	0.208	
222	**17/10/2020 15:00**	11.290	0.435	
223	**17/10/2020 16:00**	11.345	0.744	
224	**17/10/2020 17:00**	11.290	1.033	
225	**17/10/2020 18:00**	11.345	1.176	
226	**17/10/2020 19:00**	11.400	1.252	
227	**17/10/2020 20:00**	11.400	1.217	
228	**17/10/2020 21:00**	11.400	1.069	
229	**17/10/2020 22:00**	11.400	0.782	
230	**17/10/2020 23:00**	11.345	0.500	
231	**18/10/2020 00:00**	11.345	0.246	
232	**18/10/2020 01:00**	11.345	0.072	
233	**18/10/2020 02:00**	11.345	0.045	
234	**18/10/2020 03:00**	11.345	0.246	
235	**18/10/2020 04:00**	11.345	0.593	
236	**18/10/2020 05:00**	11.345	0.913	
237	**18/10/2020 06:00**	11.345	1.136	
238	**18/10/2020 07:00**	11.400	1.255	
239	**18/10/2020 08:00**	11.454	1.276	
240	**18/10/2020 09:00**	11.454	1.186	
241	**18/10/2020 10:00**	11.400	0.968	
242	**18/10/2020 11:00**	11.345	0.701	
243	**18/10/2020 12:00**	11.400	0.430	
244	**18/10/2020 13:00**	11.400	0.212	
245	**18/10/2020 14:00**	11.345	0.116	
246	**18/10/2020 15:00**	11.400	0.215	
247	**18/10/2020 16:00**	11.345	0.485	
248	**18/10/2020 17:00**	11.345	0.801	
249	**18/10/2020 18:00**	11.345	1.052	
250	**18/10/2020 19:00**	11.345	1.188	
251	**18/10/2020 20:00**	11.400	1.243	
252	**18/10/2020 21:00**	11.454	1.156	
253	**18/10/2020 22:00**	11.400	0.957	
254	**18/10/2020 23:00**	11.400	0.663	
255	**19/10/2020 00:00**	11.400	0.373	
256	**19/10/2020 01:00**	11.345	0.112	
257	**19/10/2020 02:00**	11.345	-0.029	
258	**19/10/2020 03:00**	11.345	-0.004	
259	**19/10/2020 04:00**	11.345	0.230	
260	**19/10/2020 05:00**	11.345	0.591	
261	**19/10/2020 06:00**	11.345	0.897	
262	**19/10/2020 07:00**	11.345	1.093	
263	**19/10/2020 08:00**	11.400	1.191	
264	**19/10/2020 09:00**	11.400	1.198	
265	**19/10/2020 10:00**	11.400	1.045	
266	**19/10/2020 11:00**	11.400	0.803	
267	**19/10/2020 12:00**	11.345	0.537	
268	**19/10/2020 13:00**	11.400	0.267	
269	**19/10/2020 14:00**	11.345	0.086	
270	**19/10/2020 15:00**	11.345	0.011	
271	**19/10/2020 16:00**	11.345	0.167	
272	**19/10/2020 17:00**	11.290	0.487	
273	**19/10/2020 18:00**	11.290	0.793	
274	**19/10/2020 19:00**	11.345	1.004	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**19/10/2020 20:00**	11.400	1.120	
276	**19/10/2020 21:00**	11.400	1.137	
277	**19/10/2020 22:00**	11.400	1.000	
278	**19/10/2020 23:00**	11.400	0.767	
279	**20/10/2020 00:00**	11.345	0.481	
280	**20/10/2020 01:00**	11.345	0.201	
281	**20/10/2020 02:00**	11.345	-0.041	
282	**20/10/2020 03:00**	11.290	-0.161	
283	**20/10/2020 04:00**	11.400	-0.125	
284	**20/10/2020 05:00**	11.345	0.136	
285	**20/10/2020 06:00**	11.345	0.486	
286	**20/10/2020 07:00**	11.345	0.748	
287	**20/10/2020 08:00**	11.400	0.942	
288	**20/10/2020 09:00**	11.345	1.004	
289	**20/10/2020 10:00**	11.345	0.963	
290	**20/10/2020 11:00**	11.345	0.802	
291	**20/10/2020 12:00**	11.345	0.563	
292	**20/10/2020 13:00**	11.290	0.300	
293	**20/10/2020 14:00**	11.345	0.032	
294	**20/10/2020 15:00**	11.345	-0.138	
295	**20/10/2020 16:00**	11.345	-0.140	
296	**20/10/2020 17:00**	11.345	0.016	
297	**20/10/2020 18:00**	11.345	0.334	
298	**20/10/2020 19:00**	11.345	0.619	
299	**20/10/2020 20:00**	11.345	0.842	
300	**20/10/2020 21:00**	11.345	0.959	
301	**20/10/2020 22:00**	11.345	0.978	
302	**20/10/2020 23:00**	11.400	0.886	
303	**21/10/2020 00:00**	11.400	0.707	
304	**21/10/2020 01:00**	11.345	0.497	
305	**21/10/2020 02:00**	11.345	0.274	
306	**21/10/2020 03:00**	11.345	0.078	
307	**21/10/2020 04:00**	11.345	-0.018	
308	**21/10/2020 05:00**	11.345	0.061	
309	**21/10/2020 06:00**	11.345	0.284	
310	**21/10/2020 07:00**	11.345	0.552	
311	**21/10/2020 08:00**	11.345	0.793	
312	**21/10/2020 09:00**	11.345	0.944	
313	**21/10/2020 10:00**	11.345	1.013	
314	**21/10/2020 11:00**	11.400	0.963	
315	**21/10/2020 12:00**	11.345	0.820	
316	**21/10/2020 13:00**	11.345	0.631	
317	**21/10/2020 14:00**	11.400	0.402	
318	**21/10/2020 15:00**	11.345	0.187	
319	**21/10/2020 16:00**	11.345	0.055	
320	**21/10/2020 17:00**	11.345	0.053	
321	**21/10/2020 18:00**	11.345	0.237	
322	**21/10/2020 19:00**	11.345	0.500	
323	**21/10/2020 20:00**	11.345	0.743	
324	**21/10/2020 21:00**	11.345	0.927	
325	**21/10/2020 22:00**	11.400	1.032	
326	**21/10/2020 23:00**	11.345	1.046	
327	**22/10/2020 00:00**	11.345	0.972	
328	**22/10/2020 01:00**	11.400	0.847	
329	**22/10/2020 02:00**	11.345	0.646	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**22/10/2020 03:00**	11.345	0.455	
331	**22/10/2020 04:00**	11.400	0.293	
332	**22/10/2020 05:00**	11.345	0.214	
333	**22/10/2020 06:00**	11.400	0.264	
334	**22/10/2020 07:00**	11.345	0.464	
335	**22/10/2020 08:00**	11.345	0.674	
336	**22/10/2020 09:00**	11.345	0.861	
337	**22/10/2020 10:00**	11.345	0.985	
338	**22/10/2020 11:00**	11.345	1.037	
339	**22/10/2020 12:00**	11.345	0.994	
340	**22/10/2020 13:00**	11.345	0.880	
341	**22/10/2020 14:00**	11.345	0.707	
342	**22/10/2020 15:00**	11.345	0.519	
343	**22/10/2020 16:00**	11.400	0.331	
344	**22/10/2020 17:00**	11.345	0.217	
345	**22/10/2020 18:00**	11.345	0.234	
346	**22/10/2020 19:00**	11.345	0.375	
347	**22/10/2020 20:00**	11.345	0.590	
348	**22/10/2020 21:00**	11.345	0.813	
349	**22/10/2020 22:00**	11.345	0.956	
350	**22/10/2020 23:00**	11.345	1.063	
351	**23/10/2020 00:00**	11.345	1.074	
352	**23/10/2020 01:00**	11.400	1.011	
353	**23/10/2020 02:00**	11.345	0.920	
354	**23/10/2020 03:00**	11.345	0.755	
355	**23/10/2020 04:00**	11.345	0.587	
356	**23/10/2020 05:00**	11.345	0.391	
357	**23/10/2020 06:00**	11.345	0.279	
358	**23/10/2020 07:00**	11.345	0.288	
359	**23/10/2020 08:00**	11.345	0.419	
360	**23/10/2020 09:00**	11.345	0.597	
361	**23/10/2020 10:00**	11.345	0.757	
362	**23/10/2020 11:00**	11.345	0.872	
363	**23/10/2020 12:00**	11.290	0.923	
364	**23/10/2020 13:00**	11.345	0.892	
365	**23/10/2020 14:00**	11.345	0.808	
366	**23/10/2020 15:00**	11.345	0.693	
367	**23/10/2020 16:00**	11.345	0.519	
368	**23/10/2020 17:00**	11.345	0.370	
369	**23/10/2020 18:00**	11.345	0.260	
370	**23/10/2020 19:00**	11.345	0.263	
371	**23/10/2020 20:00**	11.345	0.351	
372	**23/10/2020 21:00**	11.345	0.549	
373	**23/10/2020 22:00**	11.345	0.740	
374	**23/10/2020 23:00**	11.290	0.888	
375	**24/10/2020 00:00**	11.290	0.989	
376	**24/10/2020 01:00**	11.345	1.015	
377	**24/10/2020 02:00**	11.345	1.002	
378	**24/10/2020 03:00**	11.345	0.909	
379	**24/10/2020 04:00**	11.345	0.801	
380	**24/10/2020 05:00**	11.345	0.644	
381	**24/10/2020 06:00**	11.345	0.468	
382	**24/10/2020 07:00**	11.345	0.361	
383	**24/10/2020 08:00**	11.345	0.298	
384	**24/10/2020 09:00**	11.345	0.346	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**24/10/2020 10:00**	11.345	0.430	
386	**24/10/2020 11:00**	11.345	0.564	
387	**24/10/2020 12:00**	11.345	0.647	
388	**24/10/2020 13:00**	11.345	0.703	
389	**24/10/2020 14:00**	11.345	0.700	
390	**24/10/2020 15:00**	11.345	0.648	
391	**24/10/2020 16:00**	11.345	0.532	
392	**24/10/2020 17:00**	11.345	0.408	
393	**24/10/2020 18:00**	11.345	0.279	
394	**24/10/2020 19:00**	11.345	0.181	
395	**24/10/2020 20:00**	11.345	0.145	
396	**24/10/2020 21:00**	11.345	0.228	
397	**24/10/2020 22:00**	11.345	0.389	
398	**24/10/2020 23:00**	11.345	0.587	
399	**25/10/2020 00:00**	11.345	0.750	
400	**25/10/2020 01:00**	11.345	0.831	
401	**25/10/2020 02:00**	11.345	0.919	
402	**25/10/2020 02:00**	11.345	0.908	
403	**25/10/2020 03:00**	11.345	0.882	
404	**25/10/2020 04:00**	11.345	0.779	
405	**25/10/2020 05:00**	11.345	0.621	
406	**25/10/2020 06:00**	11.345	0.459	
407	**25/10/2020 07:00**	11.345	0.328	
408	**25/10/2020 08:00**	11.345	0.276	
409	**25/10/2020 09:00**	11.345	0.283	
410	**25/10/2020 10:00**	11.345	0.437	
411	**25/10/2020 11:00**	11.345	0.573	
412	**25/10/2020 12:00**	11.345	0.686	
413	**25/10/2020 13:00**	11.345	0.781	
414	**25/10/2020 14:00**	11.345	0.786	
415	**25/10/2020 15:00**	11.345	0.777	
416	**25/10/2020 16:00**	11.345	0.669	
417	**25/10/2020 17:00**	11.345	0.530	
418	**25/10/2020 18:00**	11.345	0.375	
419	**25/10/2020 19:00**	11.345	0.248	
420	**25/10/2020 20:00**	11.345	0.159	
421	**25/10/2020 21:00**	11.345	0.203	
422	**25/10/2020 22:00**	11.345	0.322	
423	**25/10/2020 23:00**	11.345	0.525	
424	**26/10/2020 00:00**	11.345	0.698	
425	**26/10/2020 01:00**	11.345	0.829	
426	**26/10/2020 02:00**	11.345	0.920	
427	**26/10/2020 03:00**	11.345	0.971	
428	**26/10/2020 04:00**	11.345	0.944	
429	**26/10/2020 05:00**	11.345	0.868	
430	**26/10/2020 06:00**	11.345	0.750	
431	**26/10/2020 07:00**	11.345	0.578	
432	**26/10/2020 08:00**	11.345	0.413	
433	**26/10/2020 09:00**	11.345	0.345	
434	**26/10/2020 10:00**	11.345	0.369	
435	**26/10/2020 11:00**	11.345	0.467	
436	**26/10/2020 12:00**	11.345	0.655	
437	**26/10/2020 13:00**	11.345	0.782	
438	**26/10/2020 14:00**	11.290	0.881	
439	**26/10/2020 15:00**	11.345	0.924	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**26/10/2020 16:00**	11.345	0.905	
441	**26/10/2020 17:00**	11.345	0.819	
442	**26/10/2020 18:00**	11.345	0.668	
443	**26/10/2020 19:00**	11.345	0.547	
444	**26/10/2020 20:00**	11.345	0.391	
445	**26/10/2020 21:00**	11.345	0.328	
446	**26/10/2020 22:00**	11.345	0.364	
447	**26/10/2020 23:00**	11.290	0.496	
448	**27/10/2020 00:00**	11.345	0.668	
449	**27/10/2020 01:00**	11.345	0.837	
450	**27/10/2020 02:00**	11.345	0.970	
451	**27/10/2020 03:00**	11.345	1.060	
452	**27/10/2020 04:00**	11.345	1.071	
453	**27/10/2020 05:00**	11.345	1.019	
454	**27/10/2020 06:00**	11.345	0.918	
455	**27/10/2020 07:00**	11.345	0.745	
456	**27/10/2020 08:00**	11.345	0.556	
457	**27/10/2020 09:00**	11.345	0.376	
458	**27/10/2020 10:00**	11.345	0.288	
459	**27/10/2020 11:00**	11.345	0.309	
460	**27/10/2020 12:00**	11.345	0.465	
461	**27/10/2020 13:00**	11.345	0.664	
462	**27/10/2020 14:00**	11.345	0.789	
463	**27/10/2020 15:00**	11.345	0.888	
464	**27/10/2020 16:00**	11.345	0.897	
465	**27/10/2020 17:00**	11.345	0.825	
466	**27/10/2020 18:00**	11.345	0.699	
467	**27/10/2020 19:00**	11.345	0.500	
468	**27/10/2020 20:00**	11.345	0.318	
469	**27/10/2020 21:00**	11.345	0.183	
470	**27/10/2020 22:00**	11.400	0.116	
471	**27/10/2020 23:00**	11.345	0.147	
472	**28/10/2020 00:00**	11.290	0.332	
473	**28/10/2020 01:00**	11.345	0.556	
474	**28/10/2020 02:00**	11.345	0.734	
475	**28/10/2020 03:00**	11.345	0.903	
476	**28/10/2020 04:00**	11.345	0.966	
477	**28/10/2020 05:00**	11.345	0.968	
478	**28/10/2020 06:00**	11.345	0.910	
479	**28/10/2020 07:00**	11.290	0.756	
480	**28/10/2020 08:00**	11.345	0.560	
481	**28/10/2020 09:00**	11.345	0.371	
482	**28/10/2020 10:00**	11.345	0.227	
483	**28/10/2020 11:00**	11.345	0.197	
484	**28/10/2020 12:00**	11.345	0.290	
485	**28/10/2020 13:00**	11.345	0.493	
486	**28/10/2020 14:00**	11.345	0.680	
487	**28/10/2020 15:00**	11.345	0.828	
488	**28/10/2020 16:00**	11.345	0.916	
489	**28/10/2020 17:00**	11.345	0.895	
490	**28/10/2020 18:00**	11.345	0.826	
491	**28/10/2020 19:00**	11.345	0.661	
492	**28/10/2020 20:00**	11.345	0.456	
493	**28/10/2020 21:00**	11.345	0.261	
494	**28/10/2020 22:00**	11.345	0.157	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**28/10/2020 23:00**	11.345	0.114	
496	**29/10/2020 00:00**	11.345	0.232	
497	**29/10/2020 01:00**	11.345	0.456	
498	**29/10/2020 02:00**	11.345	0.676	
499	**29/10/2020 03:00**	11.345	0.875	
500	**29/10/2020 04:00**	11.345	0.977	
501	**29/10/2020 05:00**	11.345	1.052	
502	**29/10/2020 06:00**	11.345	1.005	
503	**29/10/2020 07:00**	11.345	0.899	
504	**29/10/2020 08:00**	11.345	0.734	
505	**29/10/2020 09:00**	11.345	0.513	
506	**29/10/2020 10:00**	11.345	0.334	
507	**29/10/2020 11:00**	11.345	0.224	
508	**29/10/2020 12:00**	11.345	0.265	
509	**29/10/2020 13:00**	11.345	0.394	
510	**29/10/2020 14:00**	11.345	0.616	
511	**29/10/2020 15:00**	11.290	0.796	
512	**29/10/2020 16:00**	11.345	0.910	
513	**29/10/2020 17:00**	11.345	0.954	
514	**29/10/2020 18:00**	11.345	0.894	
515	**29/10/2020 19:00**	11.345	0.760	
516	**29/10/2020 20:00**	11.345	0.540	
517	**29/10/2020 21:00**	11.290	0.327	
518	**29/10/2020 22:00**	11.345	0.139	
519	**29/10/2020 23:00**	11.345	0.020	
520	**30/10/2020 00:00**	11.345	0.047	
521	**30/10/2020 01:00**	11.345	0.221	
522	**30/10/2020 02:00**	11.290	0.473	
523	**30/10/2020 03:00**	11.345	0.691	
524	**30/10/2020 04:00**	11.290	0.864	
525	**30/10/2020 05:00**	11.345	0.954	
526	**30/10/2020 06:00**	11.345	0.963	
527	**30/10/2020 07:00**	11.345	0.899	
528	**30/10/2020 08:00**	11.345	0.727	
529	**30/10/2020 09:00**	11.345	0.541	
530	**30/10/2020 10:00**	11.345	0.335	
531	**30/10/2020 11:00**	11.345	0.199	
532	**30/10/2020 12:00**	11.345	0.175	
533	**30/10/2020 13:00**	11.345	0.298	
534	**30/10/2020 14:00**	11.345	0.498	
535	**30/10/2020 15:00**	11.345	0.747	
536	**30/10/2020 16:00**	11.345	0.939	
537	**30/10/2020 17:00**	11.345	1.030	
538	**30/10/2020 18:00**	11.345	1.046	
539	**30/10/2020 19:00**	11.345	0.974	
540	**30/10/2020 20:00**	11.345	0.782	
541	**30/10/2020 21:00**	11.345	0.605	
542	**30/10/2020 22:00**	11.345	0.374	
543	**30/10/2020 23:00**	11.345	0.206	
544	**31/10/2020 00:00**	11.345	0.129	
545	**31/10/2020 01:00**	11.345	0.207	
546	**31/10/2020 02:00**	11.345	0.410	
547	**31/10/2020 03:00**	11.290	0.660	
548	**31/10/2020 04:00**	11.290	0.843	
549	**31/10/2020 05:00**	11.345	0.960	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
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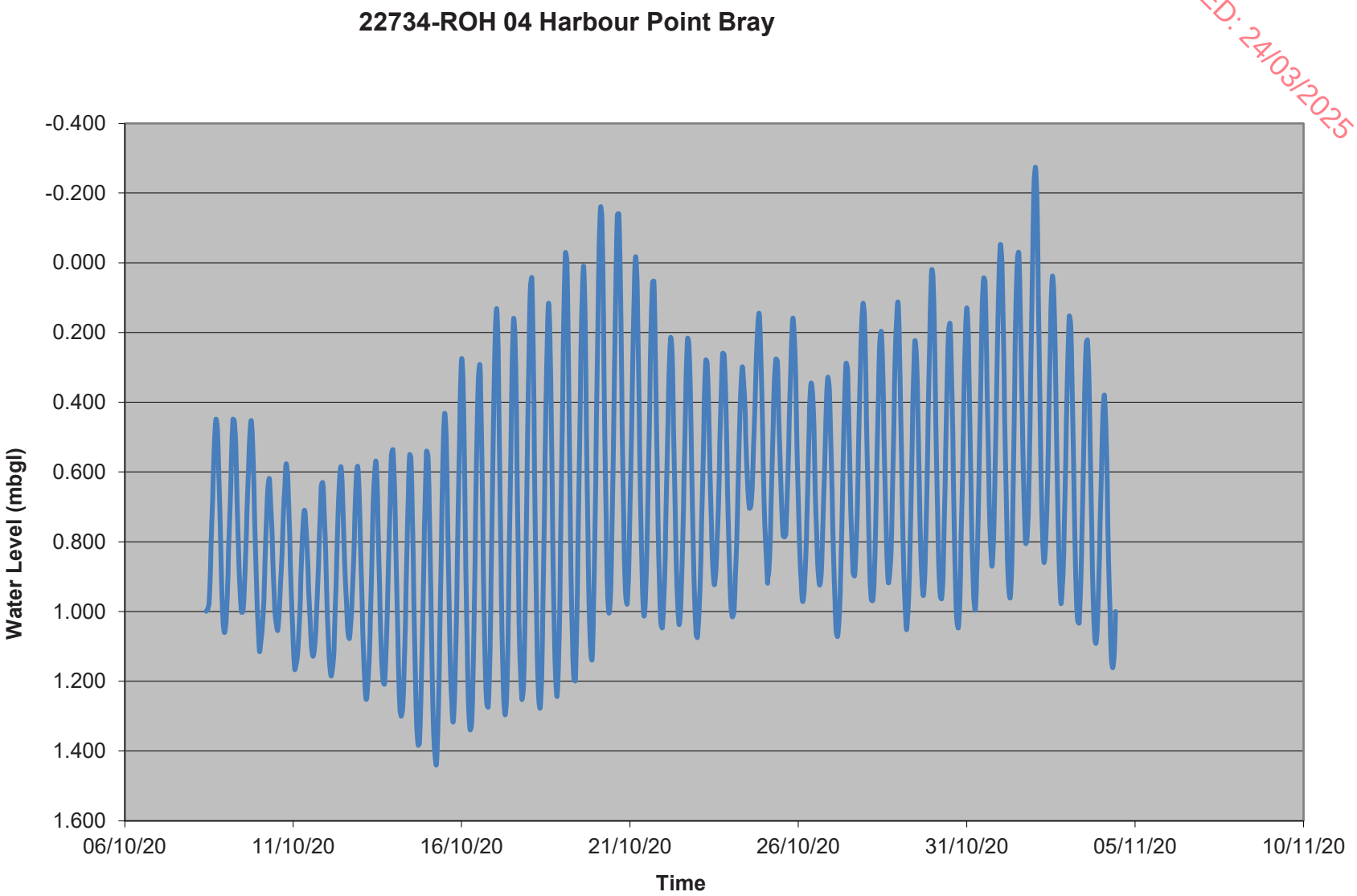
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**31/10/2020 06:00**	11.345	0.995	
551	**31/10/2020 07:00**	11.345	0.906	
552	**31/10/2020 08:00**	11.345	0.746	
553	**31/10/2020 09:00**	11.345	0.547	
554	**31/10/2020 10:00**	11.345	0.324	
555	**31/10/2020 11:00**	11.345	0.123	
556	**31/10/2020 12:00**	11.345	0.043	
557	**31/10/2020 13:00**	11.345	0.056	
558	**31/10/2020 14:00**	11.345	0.260	
559	**31/10/2020 15:00**	11.345	0.470	
560	**31/10/2020 16:00**	11.345	0.680	
561	**31/10/2020 17:00**	11.345	0.814	
562	**31/10/2020 18:00**	11.290	0.870	
563	**31/10/2020 19:00**	11.345	0.793	
564	**31/10/2020 20:00**	11.345	0.635	
565	**31/10/2020 21:00**	11.345	0.405	
566	**31/10/2020 22:00**	11.345	0.206	
567	**31/10/2020 23:00**	11.345	0.020	
568	**01/11/2020 00:00**	11.345	-0.053	
569	**01/11/2020 01:00**	11.345	0.000	
570	**01/11/2020 02:00**	11.345	0.184	
571	**01/11/2020 03:00**	11.345	0.435	
572	**01/11/2020 04:00**	11.345	0.654	
573	**01/11/2020 05:00**	11.290	0.848	
574	**01/11/2020 06:00**	11.345	0.942	
575	**01/11/2020 07:00**	11.400	0.960	
576	**01/11/2020 08:00**	11.345	0.867	
577	**01/11/2020 09:00**	11.345	0.657	
578	**01/11/2020 10:00**	11.345	0.373	
579	**01/11/2020 11:00**	11.345	0.124	
580	**01/11/2020 12:00**	11.345	-0.010	
581	**01/11/2020 13:00**	11.345	-0.029	
582	**01/11/2020 14:00**	11.345	0.107	
583	**01/11/2020 15:00**	11.290	0.336	
584	**01/11/2020 16:00**	11.345	0.537	
585	**01/11/2020 17:00**	11.345	0.711	
586	**01/11/2020 18:00**	11.345	0.804	
587	**01/11/2020 19:00**	11.345	0.783	
588	**01/11/2020 20:00**	11.345	0.689	
589	**01/11/2020 21:00**	11.345	0.457	
590	**01/11/2020 22:00**	11.345	0.209	
591	**01/11/2020 23:00**	11.345	-0.046	
592	**02/11/2020 00:00**	11.345	-0.236	
593	**02/11/2020 01:00**	11.345	-0.274	
594	**02/11/2020 02:00**	11.345	-0.175	
595	**02/11/2020 03:00**	11.345	0.090	
596	**02/11/2020 04:00**	11.345	0.373	
597	**02/11/2020 05:00**	11.345	0.626	
598	**02/11/2020 06:00**	11.345	0.789	
599	**02/11/2020 07:00**	11.345	0.859	
600	**02/11/2020 08:00**	11.345	0.818	
601	**02/11/2020 09:00**	11.290	0.711	
602	**02/11/2020 10:00**	11.345	0.531	
603	**02/11/2020 11:00**	11.345	0.324	
604	**02/11/2020 12:00**	11.345	0.135	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**02/11/2020 13:00**	11.400	0.038	
606	**02/11/2020 14:00**	11.345	0.085	
607	**02/11/2020 15:00**	11.345	0.265	
608	**02/11/2020 16:00**	11.345	0.503	
609	**02/11/2020 17:00**	11.345	0.736	
610	**02/11/2020 18:00**	11.345	0.884	
611	**02/11/2020 19:00**	11.345	0.976	
612	**02/11/2020 20:00**	11.345	0.935	
613	**02/11/2020 21:00**	11.345	0.832	
614	**02/11/2020 22:00**	11.345	0.658	
615	**02/11/2020 23:00**	11.345	0.460	
616	**03/11/2020 00:00**	11.345	0.271	
617	**03/11/2020 01:00**	11.345	0.153	
618	**03/11/2020 02:00**	11.345	0.178	
619	**03/11/2020 03:00**	11.345	0.338	
620	**03/11/2020 04:00**	11.345	0.568	
621	**03/11/2020 05:00**	11.345	0.784	
622	**03/11/2020 06:00**	11.345	0.961	
623	**03/11/2020 07:00**	11.345	1.026	
624	**03/11/2020 08:00**	11.345	1.032	
625	**03/11/2020 09:00**	11.345	0.939	
626	**03/11/2020 10:00**	11.345	0.795	
627	**03/11/2020 11:00**	11.345	0.589	
628	**03/11/2020 12:00**	11.345	0.379	
629	**03/11/2020 13:00**	11.345	0.233	
630	**03/11/2020 14:00**	11.345	0.222	
631	**03/11/2020 15:00**	11.345	0.332	
632	**03/11/2020 16:00**	11.345	0.538	
633	**03/11/2020 17:00**	11.345	0.772	
634	**03/11/2020 18:00**	11.345	0.953	
635	**03/11/2020 19:00**	11.345	1.071	
636	**03/11/2020 20:00**	11.345	1.091	
637	**03/11/2020 21:00**	11.345	1.050	
638	**03/11/2020 22:00**	11.345	0.914	
639	**03/11/2020 23:00**	11.345	0.753	
640	**04/11/2020 00:00**	11.345	0.584	
641	**04/11/2020 01:00**	11.345	0.436	
642	**04/11/2020 02:00**	11.345	0.379	
643	**04/11/2020 03:00**	11.345	0.456	
644	**04/11/2020 04:00**	11.345	0.633	
645	**04/11/2020 05:00**	11.345	0.852	
646	**04/11/2020 06:00**	11.345	1.005	
647	**04/11/2020 07:00**	11.345	1.135	
648	**04/11/2020 08:00**	11.400	1.161	
649	**04/11/2020 09:00**	11.400	1.121	
650	**04/11/2020 10:00**	11.345	1.000	

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Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**04/11/2020 13:00**	11.618	0.766	
2	**04/11/2020 14:00**	11.345	0.642	
3	**04/11/2020 15:00**	11.345	0.659	
4	**04/11/2020 16:00**	11.345	0.813	
5	**04/11/2020 17:00**	11.345	1.040	
6	**04/11/2020 18:00**	11.345	1.217	
7	**04/11/2020 19:00**	11.345	1.373	
8	**04/11/2020 20:00**	11.345	1.423	
9	**04/11/2020 21:00**	11.345	1.438	
10	**04/11/2020 22:00**	11.345	1.361	
11	**04/11/2020 23:00**	11.345	1.252	
12	**05/11/2020 00:00**	11.345	1.091	
13	**05/11/2020 01:00**	11.345	0.938	
14	**05/11/2020 02:00**	11.345	0.806	
15	**05/11/2020 03:00**	11.290	0.795	
16	**05/11/2020 04:00**	11.345	0.868	
17	**05/11/2020 05:00**	11.345	1.057	
18	**05/11/2020 06:00**	11.345	1.217	
19	**05/11/2020 07:00**	11.345	1.334	
20	**05/11/2020 08:00**	11.345	1.409	
21	**05/11/2020 09:00**	11.345	1.414	
22	**05/11/2020 10:00**	11.345	1.352	
23	**05/11/2020 11:00**	11.345	1.203	
24	**05/11/2020 12:00**	11.345	1.052	
25	**05/11/2020 13:00**	11.345	0.880	
26	**05/11/2020 14:00**	11.345	0.763	
27	**05/11/2020 15:00**	11.290	0.713	
28	**05/11/2020 16:00**	11.345	0.770	
29	**05/11/2020 17:00**	11.290	0.958	
30	**05/11/2020 18:00**	11.345	1.138	
31	**05/11/2020 19:00**	11.345	1.295	
32	**05/11/2020 20:00**	11.345	1.402	
33	**05/11/2020 21:00**	11.345	1.452	
34	**05/11/2020 22:00**	11.345	1.418	
35	**05/11/2020 23:00**	11.345	1.325	
36	**06/11/2020 00:00**	11.290	1.183	
37	**06/11/2020 01:00**	11.345	1.013	
38	**06/11/2020 02:00**	11.345	0.850	
39	**06/11/2020 03:00**	11.345	0.764	
40	**06/11/2020 04:00**	11.345	0.768	
41	**06/11/2020 05:00**	11.290	0.886	
42	**06/11/2020 06:00**	11.345	1.047	
43	**06/11/2020 07:00**	11.345	1.188	
44	**06/11/2020 08:00**	11.345	1.305	
45	**06/11/2020 09:00**	11.345	1.384	
46	**06/11/2020 10:00**	11.345	1.357	
47	**06/11/2020 11:00**	11.345	1.292	
48	**06/11/2020 12:00**	11.345	1.177	
49	**06/11/2020 13:00**	11.290	1.019	
50	**06/11/2020 14:00**	11.345	0.860	
51	**06/11/2020 15:00**	11.345	0.732	
52	**06/11/2020 16:00**	11.345	0.701	
53	**06/11/2020 17:00**	11.345	0.799	
54	**06/11/2020 18:00**	11.345	0.956	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**06/11/2020 19:00**	11.345	1.123	
56	**06/11/2020 20:00**	11.345	1.262	
57	**06/11/2020 21:00**	11.345	1.344	
58	**06/11/2020 22:00**	11.345	1.373	
59	**06/11/2020 23:00**	11.345	1.318	
60	**07/11/2020 00:00**	11.345	1.236	
61	**07/11/2020 01:00**	11.345	1.100	
62	**07/11/2020 02:00**	11.345	0.968	
63	**07/11/2020 03:00**	11.345	0.808	
64	**07/11/2020 04:00**	11.345	0.741	
65	**07/11/2020 05:00**	11.345	0.767	
66	**07/11/2020 06:00**	11.345	0.889	
67	**07/11/2020 07:00**	11.290	1.044	
68	**07/11/2020 08:00**	11.345	1.164	
69	**07/11/2020 09:00**	11.345	1.281	
70	**07/11/2020 10:00**	11.345	1.317	
71	**07/11/2020 11:00**	11.345	1.308	
72	**07/11/2020 12:00**	11.290	1.217	
73	**07/11/2020 13:00**	11.345	1.092	
74	**07/11/2020 14:00**	11.345	0.924	
75	**07/11/2020 15:00**	11.345	0.812	
76	**07/11/2020 16:00**	11.345	0.687	
77	**07/11/2020 17:00**	11.345	0.649	
78	**07/11/2020 18:00**	11.345	0.734	
79	**07/11/2020 19:00**	11.345	0.907	
80	**07/11/2020 20:00**	11.345	1.070	
81	**07/11/2020 21:00**	11.345	1.218	
82	**07/11/2020 22:00**	11.345	1.298	
83	**07/11/2020 23:00**	11.290	1.341	
84	**08/11/2020 00:00**	11.345	1.312	
85	**08/11/2020 01:00**	11.345	1.253	
86	**08/11/2020 02:00**	11.345	1.150	
87	**08/11/2020 03:00**	11.345	1.037	
88	**08/11/2020 04:00**	11.345	0.903	
89	**08/11/2020 05:00**	11.345	0.790	
90	**08/11/2020 06:00**	11.345	0.817	
91	**08/11/2020 07:00**	11.290	0.891	
92	**08/11/2020 08:00**	11.345	1.020	
93	**08/11/2020 09:00**	11.345	1.144	
94	**08/11/2020 10:00**	11.345	1.245	
95	**08/11/2020 11:00**	11.345	1.252	
96	**08/11/2020 12:00**	11.345	1.243	
97	**08/11/2020 13:00**	11.345	1.159	
98	**08/11/2020 14:00**	11.345	1.049	
99	**08/11/2020 15:00**	11.345	0.917	
100	**08/11/2020 16:00**	11.345	0.798	
101	**08/11/2020 17:00**	11.345	0.695	
102	**08/11/2020 18:00**	11.345	0.666	
103	**08/11/2020 19:00**	11.345	0.738	
104	**08/11/2020 20:00**	11.290	0.884	
105	**08/11/2020 21:00**	11.345	1.056	
106	**08/11/2020 22:00**	11.290	1.193	
107	**08/11/2020 23:00**	11.345	1.281	
108	**09/11/2020 00:00**	11.345	1.326	
109	**09/11/2020 01:00**	11.345	1.329	

Project.	**Harbour Point Bray**
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Client.	**Ballymore**
Borehole No.	**ROH 04**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**09/11/2020 02:00**	11.345	1.243	
111	**09/11/2020 03:00**	11.345	1.161	
112	**09/11/2020 04:00**	11.345	1.017	
113	**09/11/2020 05:00**	11.345	0.867	
114	**09/11/2020 06:00**	11.345	0.764	
115	**09/11/2020 07:00**	11.345	0.747	
116	**09/11/2020 08:00**	11.345	0.802	
117	**09/11/2020 09:00**	11.345	0.927	
118	**09/11/2020 10:00**	11.345	1.056	
119	**09/11/2020 11:00**	11.290	1.159	
120	**09/11/2020 12:00**	11.345	1.219	
121	**09/11/2020 13:00**	11.345	1.216	
122	**09/11/2020 14:00**	11.345	1.169	
123	**09/11/2020 15:00**	11.345	1.099	
124	**09/11/2020 16:00**	11.345	0.967	
125	**09/11/2020 17:00**	11.345	0.831	
126	**09/11/2020 18:00**	11.345	0.704	
127	**09/11/2020 19:00**	11.345	0.628	
128	**09/11/2020 20:00**	11.345	0.691	
129	**09/11/2020 21:00**	11.345	0.824	
130	**09/11/2020 22:00**	11.345	0.980	
131	**09/11/2020 23:00**	11.290	1.142	
132	**10/11/2020 00:00**	11.345	1.259	
133	**10/11/2020 01:00**	11.345	1.323	
134	**10/11/2020 02:00**	11.345	1.312	
135	**10/11/2020 03:00**	11.345	1.273	
136	**10/11/2020 04:00**	11.345	1.178	
137	**10/11/2020 05:00**	11.345	1.066	
138	**10/11/2020 06:00**	11.345	0.915	
139	**10/11/2020 07:00**	11.345	0.771	
140	**10/11/2020 08:00**	11.345	0.738	
141	**10/11/2020 09:00**	11.345	0.776	
142	**10/11/2020 10:00**	11.345	0.918	
143	**10/11/2020 11:00**	11.345	1.047	
144	**10/11/2020 12:00**	11.345	1.169	
145	**10/11/2020 13:00**	11.345	1.236	
146	**10/11/2020 14:00**	11.345	1.269	
147	**10/11/2020 15:00**	11.345	1.236	
148	**10/11/2020 16:00**	11.345	1.152	
149	**10/11/2020 17:00**	11.345	1.034	
150	**10/11/2020 18:00**	11.345	0.867	
151	**10/11/2020 19:00**	11.345	0.724	
152	**10/11/2020 20:00**	11.345	0.628	
153	**10/11/2020 21:00**	11.345	0.639	
154	**10/11/2020 22:00**	11.345	0.800	
155	**10/11/2020 23:00**	11.345	0.974	
156	**11/11/2020 00:00**	11.290	1.160	
157	**11/11/2020 01:00**	11.290	1.264	
158	**11/11/2020 02:00**	11.345	1.347	
159	**11/11/2020 03:00**	11.345	1.354	
160	**11/11/2020 04:00**	11.345	1.284	
161	**11/11/2020 05:00**	11.345	1.151	
162	**11/11/2020 06:00**	11.345	1.015	
163	**11/11/2020 07:00**	11.345	0.814	
164	**11/11/2020 08:00**	11.345	0.655	

Project.	**Harbour Point Bray**
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Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**11/11/2020 09:00**	11.345	0.576	
166	**11/11/2020 10:00**	11.345	0.638	
167	**11/11/2020 11:00**	11.345	0.775	
168	**11/11/2020 12:00**	11.345	0.959	
169	**11/11/2020 13:00**	11.345	1.110	
170	**11/11/2020 14:00**	11.345	1.180	
171	**11/11/2020 15:00**	11.345	1.183	
172	**11/11/2020 16:00**	11.345	1.118	
173	**11/11/2020 17:00**	11.345	0.972	
174	**11/11/2020 18:00**	11.345	0.787	
175	**11/11/2020 19:00**	11.345	0.529	
176	**11/11/2020 20:00**	11.345	0.385	
177	**11/11/2020 21:00**	11.345	0.292	
178	**11/11/2020 22:00**	11.345	0.331	
179	**11/11/2020 23:00**	11.345	0.549	
180	**12/11/2020 00:00**	11.345	0.785	
181	**12/11/2020 01:00**	11.345	0.991	
182	**12/11/2020 02:00**	11.345	1.143	
183	**12/11/2020 03:00**	11.345	1.227	
184	**12/11/2020 04:00**	11.345	1.222	
185	**12/11/2020 05:00**	11.400	1.154	
186	**12/11/2020 06:00**	11.345	1.026	
187	**12/11/2020 07:00**	11.345	0.830	
188	**12/11/2020 08:00**	11.345	0.636	
189	**12/11/2020 09:00**	11.345	0.490	
190	**12/11/2020 10:00**	11.345	0.443	
191	**12/11/2020 11:00**	11.345	0.541	
192	**12/11/2020 12:00**	11.345	0.734	
193	**12/11/2020 13:00**	11.345	0.937	
194	**12/11/2020 14:00**	11.345	1.109	
195	**12/11/2020 15:00**	11.345	1.196	
196	**12/11/2020 16:00**	11.345	1.232	
197	**12/11/2020 17:00**	11.345	1.143	
198	**12/11/2020 18:00**	11.345	0.980	
199	**12/11/2020 19:00**	11.290	0.784	
200	**12/11/2020 20:00**	11.345	0.539	
201	**12/11/2020 21:00**	11.345	0.348	
202	**12/11/2020 22:00**	11.345	0.265	
203	**12/11/2020 23:00**	11.345	0.349	
204	**13/11/2020 00:00**	11.345	0.563	
205	**13/11/2020 01:00**	11.345	0.798	
206	**13/11/2020 02:00**	11.345	1.018	
207	**13/11/2020 03:00**	11.345	1.159	
208	**13/11/2020 04:00**	11.345	1.235	
209	**13/11/2020 05:00**	11.345	1.182	
210	**13/11/2020 06:00**	11.345	1.066	
211	**13/11/2020 07:00**	11.345	0.862	
212	**13/11/2020 08:00**	11.345	0.633	
213	**13/11/2020 09:00**	11.345	0.418	
214	**13/11/2020 10:00**	11.345	0.270	
215	**13/11/2020 11:00**	11.345	0.282	
216	**13/11/2020 12:00**	11.345	0.467	
217	**13/11/2020 13:00**	11.345	0.720	
218	**13/11/2020 14:00**	11.345	0.947	
219	**13/11/2020 15:00**	11.345	1.145	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**13/11/2020 16:00**	11.345	1.205	
221	**13/11/2020 17:00**	11.345	1.207	
222	**13/11/2020 18:00**	11.345	1.090	
223	**13/11/2020 19:00**	11.345	0.906	
224	**13/11/2020 20:00**	11.345	0.643	
225	**13/11/2020 21:00**	11.345	0.401	
226	**13/11/2020 22:00**	11.345	0.232	
227	**13/11/2020 23:00**	11.345	0.194	
228	**14/11/2020 00:00**	11.345	0.342	
229	**14/11/2020 01:00**	11.345	0.620	
230	**14/11/2020 02:00**	11.345	0.913	
231	**14/11/2020 03:00**	11.345	1.128	
232	**14/11/2020 04:00**	11.345	1.264	
233	**14/11/2020 05:00**	11.345	1.307	
234	**14/11/2020 06:00**	11.345	1.246	
235	**14/11/2020 07:00**	11.345	1.058	
236	**14/11/2020 08:00**	11.345	0.826	
237	**14/11/2020 09:00**	11.345	0.558	
238	**14/11/2020 10:00**	11.345	0.313	
239	**14/11/2020 11:00**	11.345	0.185	
240	**14/11/2020 12:00**	11.345	0.201	
241	**14/11/2020 13:00**	11.345	0.430	
242	**14/11/2020 14:00**	11.345	0.681	
243	**14/11/2020 15:00**	11.345	0.932	
244	**14/11/2020 16:00**	11.345	1.082	
245	**14/11/2020 17:00**	11.345	1.119	
246	**14/11/2020 18:00**	11.345	1.082	
247	**14/11/2020 19:00**	11.345	0.920	
248	**14/11/2020 20:00**	11.345	0.669	
249	**14/11/2020 21:00**	11.345	0.402	
250	**14/11/2020 22:00**	11.345	0.144	
251	**14/11/2020 23:00**	11.345	-0.021	
252	**15/11/2020 00:00**	11.345	-0.031	
253	**15/11/2020 01:00**	11.345	0.181	
254	**15/11/2020 02:00**	11.345	0.506	
255	**15/11/2020 03:00**	11.345	0.809	
256	**15/11/2020 04:00**	11.345	1.026	
257	**15/11/2020 05:00**	11.345	1.142	
258	**15/11/2020 06:00**	11.345	1.151	
259	**15/11/2020 07:00**	11.345	1.021	
260	**15/11/2020 08:00**	11.345	0.771	
261	**15/11/2020 09:00**	11.345	0.524	
262	**15/11/2020 10:00**	11.345	0.264	
263	**15/11/2020 11:00**	11.345	0.056	
264	**15/11/2020 12:00**	11.345	-0.006	
265	**15/11/2020 13:00**	11.345	0.090	
266	**15/11/2020 14:00**	11.345	0.389	
267	**15/11/2020 15:00**	11.345	0.681	
268	**15/11/2020 16:00**	11.345	0.908	
269	**15/11/2020 17:00**	11.345	1.087	
270	**15/11/2020 18:00**	11.345	1.126	
271	**15/11/2020 19:00**	11.345	1.074	
272	**15/11/2020 20:00**	11.345	0.889	
273	**15/11/2020 21:00**	11.345	0.648	
274	**15/11/2020 22:00**	11.345	0.386	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/11/2020 23:00**	11.345	0.168	
276	**16/11/2020 00:00**	11.345	0.051	
277	**16/11/2020 01:00**	11.345	0.092	
278	**16/11/2020 02:00**	11.345	0.325	
279	**16/11/2020 03:00**	11.345	0.671	
280	**16/11/2020 04:00**	11.290	0.940	
281	**16/11/2020 05:00**	11.345	1.135	
282	**16/11/2020 06:00**	11.345	1.221	
283	**16/11/2020 07:00**	11.345	1.217	
284	**16/11/2020 08:00**	11.345	1.081	
285	**16/11/2020 09:00**	11.345	0.866	
286	**16/11/2020 10:00**	11.345	0.615	
287	**16/11/2020 11:00**	11.345	0.390	
288	**16/11/2020 12:00**	11.345	0.225	
289	**16/11/2020 13:00**	11.345	0.186	
290	**16/11/2020 14:00**	11.345	0.370	
291	**16/11/2020 15:00**	11.345	0.645	
292	**16/11/2020 16:00**	11.345	0.911	
293	**16/11/2020 17:00**	11.345	1.122	
294	**16/11/2020 18:00**	11.345	1.229	
295	**16/11/2020 19:00**	11.345	1.272	
296	**16/11/2020 20:00**	11.345	1.162	
297	**16/11/2020 21:00**	11.345	0.958	
298	**16/11/2020 22:00**	11.345	0.700	
299	**16/11/2020 23:00**	11.345	0.438	
300	**17/11/2020 00:00**	11.345	0.196	
301	**17/11/2020 01:00**	11.400	0.086	
302	**17/11/2020 02:00**	11.345	0.163	
303	**17/11/2020 03:00**	11.345	0.421	
304	**17/11/2020 04:00**	11.345	0.720	
305	**17/11/2020 05:00**	11.345	0.976	
306	**17/11/2020 06:00**	11.345	1.144	
307	**17/11/2020 07:00**	11.345	1.206	
308	**17/11/2020 08:00**	11.345	1.156	
309	**17/11/2020 09:00**	11.345	1.003	
310	**17/11/2020 10:00**	11.345	0.745	
311	**17/11/2020 11:00**	11.345	0.496	
312	**17/11/2020 12:00**	11.345	0.273	
313	**17/11/2020 13:00**	11.345	0.117	
314	**17/11/2020 14:00**	11.345	0.120	
315	**17/11/2020 15:00**	11.345	0.311	
316	**17/11/2020 16:00**	11.345	0.636	
317	**17/11/2020 17:00**	11.345	0.887	
318	**17/11/2020 18:00**	11.345	1.103	
319	**17/11/2020 19:00**	11.345	1.203	
320	**17/11/2020 20:00**	11.345	1.225	
321	**17/11/2020 21:00**	11.345	1.117	
322	**17/11/2020 22:00**	11.345	0.933	
323	**17/11/2020 23:00**	11.345	0.684	
324	**18/11/2020 00:00**	11.345	0.439	
325	**18/11/2020 01:00**	11.345	0.233	
326	**18/11/2020 02:00**	11.345	0.166	
327	**18/11/2020 03:00**	11.345	0.241	
328	**18/11/2020 04:00**	11.345	0.509	
329	**18/11/2020 05:00**	11.345	0.782	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
330	**18/11/2020 06:00**	11.345	1.014	
331	**18/11/2020 07:00**	11.290	1.152	
332	**18/11/2020 08:00**	11.345	1.180	
333	**18/11/2020 09:00**	11.345	1.097	
334	**18/11/2020 10:00**	11.345	0.935	
335	**18/11/2020 11:00**	11.345	0.684	
336	**18/11/2020 12:00**	11.345	0.451	
337	**18/11/2020 13:00**	11.345	0.219	
338	**18/11/2020 14:00**	11.345	0.107	
339	**18/11/2020 15:00**	11.345	0.146	
340	**18/11/2020 16:00**	11.345	0.375	
341	**18/11/2020 17:00**	11.345	0.677	
342	**18/11/2020 18:00**	11.345	0.930	
343	**18/11/2020 19:00**	11.345	1.117	
344	**18/11/2020 20:00**	11.345	1.202	
345	**18/11/2020 21:00**	11.345	1.202	
346	**18/11/2020 22:00**	11.345	1.102	
347	**18/11/2020 23:00**	11.345	0.957	
348	**19/11/2020 00:00**	11.345	0.694	
349	**19/11/2020 01:00**	11.345	0.509	
350	**19/11/2020 02:00**	11.345	0.311	
351	**19/11/2020 03:00**	11.400	0.267	
352	**19/11/2020 04:00**	11.345	0.382	
353	**19/11/2020 05:00**	11.345	0.624	
354	**19/11/2020 06:00**	11.345	0.865	
355	**19/11/2020 07:00**	11.345	1.091	
356	**19/11/2020 08:00**	11.345	1.229	
357	**19/11/2020 09:00**	11.345	1.261	
358	**19/11/2020 10:00**	11.345	1.230	
359	**19/11/2020 11:00**	11.345	1.116	
360	**19/11/2020 12:00**	11.345	0.957	
361	**19/11/2020 13:00**	11.345	0.771	
362	**19/11/2020 14:00**	11.345	0.647	
363	**19/11/2020 15:00**	11.345	0.568	
364	**19/11/2020 16:00**	11.290	0.621	
365	**19/11/2020 17:00**	11.345	0.798	
366	**19/11/2020 18:00**	11.345	0.979	
367	**19/11/2020 19:00**	11.290	1.191	
368	**19/11/2020 20:00**	11.345	1.312	
369	**19/11/2020 21:00**	11.290	1.382	
370	**19/11/2020 22:00**	11.345	1.387	
371	**19/11/2020 23:00**	11.345	1.286	
372	**20/11/2020 00:00**	11.345	1.156	
373	**20/11/2020 01:00**	11.290	0.977	
374	**20/11/2020 02:00**	11.345	0.800	
375	**20/11/2020 03:00**	11.345	0.659	
376	**20/11/2020 04:00**	11.345	0.565	
377	**20/11/2020 05:00**	11.345	0.641	
378	**20/11/2020 06:00**	11.345	0.787	
379	**20/11/2020 07:00**	11.345	0.990	
380	**20/11/2020 08:00**	11.345	1.135	
381	**20/11/2020 09:00**	11.345	1.235	
382	**20/11/2020 10:00**	11.345	1.242	
383	**20/11/2020 11:00**	11.345	1.173	
384	**20/11/2020 12:00**	11.345	1.051	

Project.	**Harbour Point Bray**
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Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
385	**20/11/2020 13:00**	11.345	0.874	
386	**20/11/2020 14:00**	11.345	0.687	
387	**20/11/2020 15:00**	11.345	0.512	
388	**20/11/2020 16:00**	11.345	0.428	
389	**20/11/2020 17:00**	11.290	0.469	
390	**20/11/2020 18:00**	11.345	0.643	
391	**20/11/2020 19:00**	11.345	0.851	
392	**20/11/2020 20:00**	11.345	1.081	
393	**20/11/2020 21:00**	11.345	1.205	
394	**20/11/2020 22:00**	11.345	1.267	
395	**20/11/2020 23:00**	11.345	1.279	
396	**21/11/2020 00:00**	11.345	1.219	
397	**21/11/2020 01:00**	11.345	1.114	
398	**21/11/2020 02:00**	11.345	0.975	
399	**21/11/2020 03:00**	11.345	0.828	
400	**21/11/2020 04:00**	11.345	0.691	
401	**21/11/2020 05:00**	11.345	0.602	
402	**21/11/2020 06:00**	11.345	0.662	
403	**21/11/2020 07:00**	11.345	0.810	
404	**21/11/2020 08:00**	11.290	0.940	
405	**21/11/2020 09:00**	11.345	1.088	
406	**21/11/2020 10:00**	11.345	1.160	
407	**21/11/2020 11:00**	11.345	1.184	
408	**21/11/2020 12:00**	11.345	1.140	
409	**21/11/2020 13:00**	11.345	1.025	
410	**21/11/2020 14:00**	11.290	0.870	
411	**21/11/2020 15:00**	11.345	0.706	
412	**21/11/2020 16:00**	11.345	0.567	
413	**21/11/2020 17:00**	11.345	0.494	
414	**21/11/2020 18:00**	11.345	0.540	
415	**21/11/2020 19:00**	11.290	0.676	
416	**21/11/2020 20:00**	11.345	0.899	
417	**21/11/2020 21:00**	11.345	1.064	
418	**21/11/2020 22:00**	11.345	1.174	
419	**21/11/2020 23:00**	11.290	1.270	
420	**22/11/2020 00:00**	11.345	1.258	
421	**22/11/2020 01:00**	11.345	1.249	
422	**22/11/2020 02:00**	11.345	1.168	
423	**22/11/2020 03:00**	11.345	1.041	
424	**22/11/2020 04:00**	11.345	0.907	
425	**22/11/2020 05:00**	11.345	0.785	
426	**22/11/2020 06:00**	11.345	0.692	
427	**22/11/2020 07:00**	11.345	0.730	
428	**22/11/2020 08:00**	11.290	0.850	
429	**22/11/2020 09:00**	11.345	0.982	
430	**22/11/2020 10:00**	11.345	1.101	
431	**22/11/2020 11:00**	11.345	1.185	
432	**22/11/2020 12:00**	11.345	1.197	
433	**22/11/2020 13:00**	11.345	1.175	
434	**22/11/2020 14:00**	11.345	1.106	
435	**22/11/2020 15:00**	11.345	0.991	
436	**22/11/2020 16:00**	11.345	0.864	
437	**22/11/2020 17:00**	11.345	0.714	
438	**22/11/2020 18:00**	11.345	0.637	
439	**22/11/2020 19:00**	11.345	0.606	

Project.	**Harbour Point Bray**
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Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
440	**22/11/2020 20:00**	11.345	0.711	
441	**22/11/2020 21:00**	11.290	0.895	
442	**22/11/2020 22:00**	11.345	1.056	
443	**22/11/2020 23:00**	11.345	1.163	
444	**23/11/2020 00:00**	11.345	1.272	
445	**23/11/2020 01:00**	11.345	1.292	
446	**23/11/2020 02:00**	11.345	1.278	
447	**23/11/2020 03:00**	11.345	1.240	
448	**23/11/2020 04:00**	11.345	1.137	
449	**23/11/2020 05:00**	11.345	1.005	
450	**23/11/2020 06:00**	11.345	0.880	
451	**23/11/2020 07:00**	11.345	0.794	
452	**23/11/2020 08:00**	11.345	0.765	
453	**23/11/2020 09:00**	11.345	0.843	
454	**23/11/2020 10:00**	11.345	0.980	
455	**23/11/2020 11:00**	11.345	1.083	
456	**23/11/2020 12:00**	11.345	1.155	
457	**23/11/2020 13:00**	11.345	1.183	
458	**23/11/2020 14:00**	11.345	1.144	
459	**23/11/2020 15:00**	11.290	1.078	
460	**23/11/2020 16:00**	11.345	0.923	
461	**23/11/2020 17:00**	11.345	0.797	
462	**23/11/2020 18:00**	11.345	0.631	
463	**23/11/2020 19:00**	11.345	0.547	
464	**23/11/2020 20:00**	11.345	0.559	
465	**23/11/2020 21:00**	11.290	0.648	
466	**23/11/2020 22:00**	11.345	0.807	
467	**23/11/2020 23:00**	11.345	0.965	
468	**24/11/2020 00:00**	11.345	1.099	
469	**24/11/2020 01:00**	11.345	1.199	
470	**24/11/2020 02:00**	11.345	1.225	
471	**24/11/2020 03:00**	11.345	1.220	
472	**24/11/2020 04:00**	11.345	1.179	
473	**24/11/2020 05:00**	11.345	1.084	
474	**24/11/2020 06:00**	11.345	0.938	
475	**24/11/2020 07:00**	11.345	0.811	
476	**24/11/2020 08:00**	11.345	0.698	
477	**24/11/2020 09:00**	11.345	0.667	
478	**24/11/2020 10:00**	11.345	0.755	
479	**24/11/2020 11:00**	11.345	0.882	
480	**24/11/2020 12:00**	11.345	1.018	
481	**24/11/2020 13:00**	11.345	1.098	
482	**24/11/2020 14:00**	11.290	1.152	
483	**24/11/2020 15:00**	11.290	1.133	
484	**24/11/2020 16:00**	11.345	1.037	
485	**24/11/2020 17:00**	11.290	0.910	
486	**24/11/2020 18:00**	11.345	0.774	
487	**24/11/2020 19:00**	11.345	0.612	
488	**24/11/2020 20:00**	11.345	0.514	
489	**24/11/2020 21:00**	11.345	0.502	
490	**24/11/2020 22:00**	11.345	0.598	
491	**24/11/2020 23:00**	11.345	0.789	
492	**25/11/2020 00:00**	11.290	0.951	
493	**25/11/2020 01:00**	11.345	1.090	
494	**25/11/2020 02:00**	11.345	1.210	

Project.	**Harbour Point Bray**
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Client.	**Ballymore**
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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
495	**25/11/2020 03:00**	11.345	1.248	
496	**25/11/2020 04:00**	11.345	1.256	
497	**25/11/2020 05:00**	11.345	1.191	
498	**25/11/2020 06:00**	11.345	1.094	
499	**25/11/2020 07:00**	11.345	0.957	
500	**25/11/2020 08:00**	11.345	0.797	
501	**25/11/2020 09:00**	11.345	0.695	
502	**25/11/2020 10:00**	11.345	0.686	
503	**25/11/2020 11:00**	11.345	0.780	
504	**25/11/2020 12:00**	11.345	0.943	
505	**25/11/2020 13:00**	11.345	1.063	
506	**25/11/2020 14:00**	11.345	1.156	
507	**25/11/2020 15:00**	11.345	1.204	
508	**25/11/2020 16:00**	11.345	1.180	
509	**25/11/2020 17:00**	11.345	1.133	
510	**25/11/2020 18:00**	11.345	1.034	
511	**25/11/2020 19:00**	11.345	0.893	
512	**25/11/2020 20:00**	11.345	0.743	
513	**25/11/2020 21:00**	11.290	0.643	
514	**25/11/2020 22:00**	11.345	0.635	
515	**25/11/2020 23:00**	11.345	0.745	
516	**26/11/2020 00:00**	11.290	0.906	
517	**26/11/2020 01:00**	11.345	1.074	
518	**26/11/2020 02:00**	11.345	1.222	
519	**26/11/2020 03:00**	11.345	1.313	
520	**26/11/2020 04:00**	11.290	1.330	
521	**26/11/2020 05:00**	11.345	1.311	
522	**26/11/2020 06:00**	11.345	1.239	
523	**26/11/2020 07:00**	11.345	1.098	
524	**26/11/2020 08:00**	11.345	0.957	
525	**26/11/2020 09:00**	11.345	0.803	
526	**26/11/2020 10:00**	11.345	0.717	
527	**26/11/2020 11:00**	11.345	0.748	
528	**26/11/2020 12:00**	11.345	0.867	
529	**26/11/2020 13:00**	11.345	1.035	
530	**26/11/2020 14:00**	11.345	1.150	
531	**26/11/2020 15:00**	11.345	1.252	
532	**26/11/2020 16:00**	11.345	1.274	
533	**26/11/2020 17:00**	11.345	1.260	
534	**26/11/2020 18:00**	11.345	1.164	
535	**26/11/2020 19:00**	11.345	1.001	
536	**26/11/2020 20:00**	11.345	0.834	
537	**26/11/2020 21:00**	11.345	0.717	
538	**26/11/2020 22:00**	11.345	0.607	
539	**26/11/2020 23:00**	11.345	0.655	
540	**27/11/2020 00:00**	11.345	0.775	
541	**27/11/2020 01:00**	11.345	0.963	
542	**27/11/2020 02:00**	11.345	1.126	
543	**27/11/2020 03:00**	11.345	1.253	
544	**27/11/2020 04:00**	11.345	1.320	
545	**27/11/2020 05:00**	11.345	1.342	
546	**27/11/2020 06:00**	11.345	1.294	
547	**27/11/2020 07:00**	11.345	1.179	
548	**27/11/2020 08:00**	11.345	1.045	
549	**27/11/2020 09:00**	11.345	0.868	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
550	**27/11/2020 10:00**	11.345	0.734	
551	**27/11/2020 11:00**	11.345	0.659	
552	**27/11/2020 12:00**	11.345	0.726	
553	**27/11/2020 13:00**	11.345	0.906	
554	**27/11/2020 14:00**	11.345	1.058	
555	**27/11/2020 15:00**	11.345	1.197	
556	**27/11/2020 16:00**	11.345	1.268	
557	**27/11/2020 17:00**	11.345	1.276	
558	**27/11/2020 18:00**	11.345	1.202	
559	**27/11/2020 19:00**	11.345	1.108	
560	**27/11/2020 20:00**	11.345	0.920	
561	**27/11/2020 21:00**	11.345	0.746	
562	**27/11/2020 22:00**	11.345	0.592	
563	**27/11/2020 23:00**	11.345	0.532	
564	**28/11/2020 00:00**	11.345	0.606	
565	**28/11/2020 01:00**	11.345	0.788	
566	**28/11/2020 02:00**	11.345	0.994	
567	**28/11/2020 03:00**	11.345	1.149	
568	**28/11/2020 04:00**	11.345	1.262	
569	**28/11/2020 05:00**	11.345	1.290	
570	**28/11/2020 06:00**	11.400	1.268	
571	**28/11/2020 07:00**	11.345	1.173	
572	**28/11/2020 08:00**	11.345	1.023	
573	**28/11/2020 09:00**	11.345	0.824	
574	**28/11/2020 10:00**	11.345	0.669	
575	**28/11/2020 11:00**	11.345	0.556	
576	**28/11/2020 12:00**	11.345	0.580	
577	**28/11/2020 13:00**	11.345	0.718	
578	**28/11/2020 14:00**	11.345	0.920	
579	**28/11/2020 15:00**	11.345	1.075	
580	**28/11/2020 16:00**	11.345	1.211	
581	**28/11/2020 17:00**	11.345	1.269	
582	**28/11/2020 18:00**	11.345	1.246	
583	**28/11/2020 19:00**	11.345	1.148	
584	**28/11/2020 20:00**	11.345	1.014	
585	**28/11/2020 21:00**	11.345	0.855	
586	**28/11/2020 22:00**	11.345	0.671	
587	**28/11/2020 23:00**	11.345	0.564	
588	**29/11/2020 00:00**	11.345	0.550	
589	**29/11/2020 01:00**	11.345	0.688	
590	**29/11/2020 02:00**	11.345	0.880	
591	**29/11/2020 03:00**	11.345	1.067	
592	**29/11/2020 04:00**	11.345	1.220	
593	**29/11/2020 05:00**	11.345	1.308	
594	**29/11/2020 06:00**	11.345	1.328	
595	**29/11/2020 07:00**	11.345	1.254	
596	**29/11/2020 08:00**	11.345	1.125	
597	**29/11/2020 09:00**	11.345	0.940	
598	**29/11/2020 10:00**	11.345	0.764	
599	**29/11/2020 11:00**	11.345	0.646	
600	**29/11/2020 12:00**	11.345	0.584	
601	**29/11/2020 13:00**	11.345	0.655	
602	**29/11/2020 14:00**	11.345	0.851	
603	**29/11/2020 15:00**	11.345	1.029	
604	**29/11/2020 16:00**	11.345	1.190	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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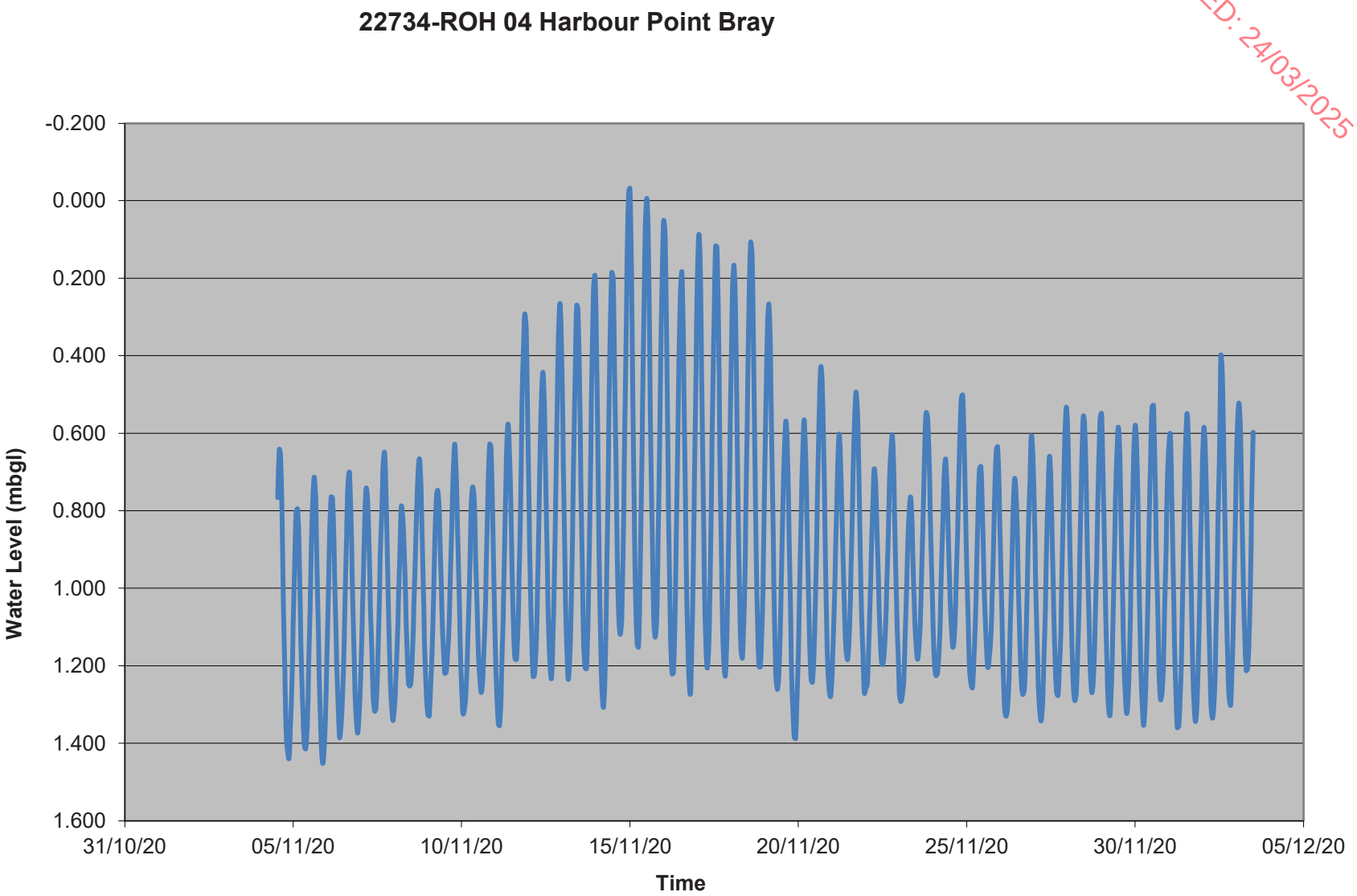
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
605	**29/11/2020 17:00**	11.345	1.283	
606	**29/11/2020 18:00**	11.345	1.323	
607	**29/11/2020 19:00**	11.345	1.284	
608	**29/11/2020 20:00**	11.345	1.163	
609	**29/11/2020 21:00**	11.345	0.979	
610	**29/11/2020 22:00**	11.345	0.809	
611	**29/11/2020 23:00**	11.345	0.649	
612	**30/11/2020 00:00**	11.345	0.579	
613	**30/11/2020 01:00**	11.345	0.631	
614	**30/11/2020 02:00**	11.345	0.799	
615	**30/11/2020 03:00**	11.345	1.031	
616	**30/11/2020 04:00**	11.345	1.194	
617	**30/11/2020 05:00**	11.345	1.304	
618	**30/11/2020 06:00**	11.345	1.354	
619	**30/11/2020 07:00**	11.345	1.304	
620	**30/11/2020 08:00**	11.345	1.194	
621	**30/11/2020 09:00**	11.345	1.033	
622	**30/11/2020 10:00**	11.345	0.820	
623	**30/11/2020 11:00**	11.345	0.655	
624	**30/11/2020 12:00**	11.345	0.533	
625	**30/11/2020 13:00**	11.345	0.528	
626	**30/11/2020 14:00**	11.345	0.674	
627	**30/11/2020 15:00**	11.345	0.880	
628	**30/11/2020 16:00**	11.345	1.047	
629	**30/11/2020 17:00**	11.345	1.217	
630	**30/11/2020 18:00**	11.345	1.287	
631	**30/11/2020 19:00**	11.345	1.275	
632	**30/11/2020 20:00**	11.345	1.208	
633	**30/11/2020 21:00**	11.345	1.048	
634	**30/11/2020 22:00**	11.345	0.897	
635	**30/11/2020 23:00**	11.345	0.715	
636	**01/12/2020 00:00**	11.345	0.627	
637	**01/12/2020 01:00**	11.290	0.603	
638	**01/12/2020 02:00**	11.345	0.740	
639	**01/12/2020 03:00**	11.345	0.948	
640	**01/12/2020 04:00**	11.345	1.134	
641	**01/12/2020 05:00**	11.345	1.273	
642	**01/12/2020 06:00**	11.345	1.359	
643	**01/12/2020 07:00**	11.345	1.355	
644	**01/12/2020 08:00**	11.345	1.288	
645	**01/12/2020 09:00**	11.345	1.164	
646	**01/12/2020 10:00**	11.345	0.982	
647	**01/12/2020 11:00**	11.345	0.764	
648	**01/12/2020 12:00**	11.345	0.618	
649	**01/12/2020 13:00**	11.345	0.549	
650	**01/12/2020 14:00**	11.345	0.627	
651	**01/12/2020 15:00**	11.345	0.826	
652	**01/12/2020 16:00**	11.345	1.019	
653	**01/12/2020 17:00**	11.290	1.197	
654	**01/12/2020 18:00**	11.290	1.307	
655	**01/12/2020 19:00**	11.345	1.344	
656	**01/12/2020 20:00**	11.345	1.296	
657	**01/12/2020 21:00**	11.345	1.189	
658	**01/12/2020 22:00**	11.345	1.003	
659	**01/12/2020 23:00**	11.345	0.831	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
660	**02/12/2020 00:00**	11.345	0.673	
661	**02/12/2020 01:00**	11.345	0.584	
662	**02/12/2020 02:00**	11.345	0.646	
663	**02/12/2020 03:00**	11.345	0.804	
664	**02/12/2020 04:00**	11.345	0.992	
665	**02/12/2020 05:00**	11.345	1.169	
666	**02/12/2020 06:00**	11.345	1.300	
667	**02/12/2020 07:00**	11.345	1.335	
668	**02/12/2020 08:00**	11.345	1.306	
669	**02/12/2020 09:00**	11.345	1.208	
670	**02/12/2020 10:00**	11.345	1.038	
671	**02/12/2020 11:00**	11.345	0.830	
672	**02/12/2020 12:00**	11.345	0.657	
673	**02/12/2020 13:00**	11.345	0.403	
674	**02/12/2020 14:00**	11.345	0.443	
675	**02/12/2020 15:00**	11.345	0.614	
676	**02/12/2020 16:00**	11.345	0.848	
677	**02/12/2020 17:00**	11.345	1.044	
678	**02/12/2020 18:00**	11.345	1.202	
679	**02/12/2020 19:00**	11.345	1.284	
680	**02/12/2020 20:00**	11.345	1.301	
681	**02/12/2020 21:00**	11.345	1.210	
682	**02/12/2020 22:00**	11.345	1.081	
683	**02/12/2020 23:00**	11.345	0.889	
684	**03/12/2020 00:00**	11.345	0.698	
685	**03/12/2020 01:00**	11.345	0.564	
686	**03/12/2020 02:00**	11.345	0.522	
687	**03/12/2020 03:00**	11.345	0.597	
688	**03/12/2020 04:00**	11.345	0.785	
689	**03/12/2020 05:00**	11.345	0.986	
690	**03/12/2020 06:00**	11.345	1.115	
691	**03/12/2020 07:00**	11.345	1.212	
692	**03/12/2020 08:00**	11.290	1.208	
693	**03/12/2020 09:00**	11.345	1.153	
694	**03/12/2020 10:00**	11.345	1.004	
695	**03/12/2020 11:00**	11.345	0.784	
696	**03/12/2020 12:00**	11.345	0.597	
697	**03/12/2020 13:00**	11.345	0.437	

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Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
1	**03/12/2020 15:00**	11.345	0.722	
2	**03/12/2020 16:00**	11.345	0.838	
3	**03/12/2020 17:00**	11.345	1.017	
4	**03/12/2020 18:00**	11.345	1.153	
5	**03/12/2020 19:00**	11.345	1.230	
6	**03/12/2020 20:00**	11.345	1.211	
7	**03/12/2020 21:00**	11.345	1.122	
8	**03/12/2020 22:00**	11.290	0.970	
9	**03/12/2020 23:00**	11.345	0.816	
10	**04/12/2020 00:00**	11.345	0.635	
11	**04/12/2020 01:00**	11.345	0.529	
12	**04/12/2020 02:00**	11.345	0.554	
13	**04/12/2020 03:00**	11.290	0.680	
14	**04/12/2020 04:00**	11.345	0.866	
15	**04/12/2020 05:00**	11.345	1.046	
16	**04/12/2020 06:00**	11.290	1.173	
17	**04/12/2020 07:00**	11.345	1.225	
18	**04/12/2020 08:00**	11.290	1.221	
19	**04/12/2020 09:00**	11.345	1.134	
20	**04/12/2020 10:00**	11.345	0.998	
21	**04/12/2020 11:00**	11.290	0.819	
22	**04/12/2020 12:00**	11.345	0.651	
23	**04/12/2020 13:00**	11.345	0.494	
24	**04/12/2020 14:00**	11.345	0.436	
25	**04/12/2020 15:00**	11.400	0.541	
26	**04/12/2020 16:00**	11.290	0.726	
27	**04/12/2020 17:00**	11.345	0.936	
28	**04/12/2020 18:00**	11.345	1.092	
29	**04/12/2020 19:00**	11.345	1.201	
30	**04/12/2020 20:00**	11.345	1.220	
31	**04/12/2020 21:00**	11.345	1.182	
32	**04/12/2020 22:00**	11.400	1.063	
33	**04/12/2020 23:00**	11.345	0.934	
34	**05/12/2020 00:00**	11.290	0.791	
35	**05/12/2020 01:00**	11.345	0.668	
36	**05/12/2020 02:00**	11.345	0.606	
37	**05/12/2020 03:00**	11.345	0.683	
38	**05/12/2020 04:00**	11.290	0.815	
39	**05/12/2020 05:00**	11.290	0.971	
40	**05/12/2020 06:00**	11.345	1.132	
41	**05/12/2020 07:00**	11.345	1.223	
42	**05/12/2020 08:00**	11.345	1.260	
43	**05/12/2020 09:00**	11.345	1.227	
44	**05/12/2020 10:00**	11.345	1.153	
45	**05/12/2020 11:00**	11.345	0.991	
46	**05/12/2020 12:00**	11.345	0.850	
47	**05/12/2020 13:00**	11.345	0.708	
48	**05/12/2020 14:00**	11.345	0.586	
49	**05/12/2020 15:00**	11.345	0.601	
50	**05/12/2020 16:00**	11.345	0.728	
51	**05/12/2020 17:00**	11.345	0.912	
52	**05/12/2020 18:00**	11.345	1.094	
53	**05/12/2020 19:00**	11.345	1.217	
54	**05/12/2020 20:00**	11.345	1.331	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
55	**05/12/2020 21:00**	11.345	1.353	
56	**05/12/2020 22:00**	11.345	1.307	
57	**05/12/2020 23:00**	11.345	1.226	
58	**06/12/2020 00:00**	11.345	1.095	
59	**06/12/2020 01:00**	11.345	0.942	
60	**06/12/2020 02:00**	11.345	0.779	
61	**06/12/2020 03:00**	11.345	0.702	
62	**06/12/2020 04:00**	11.345	0.738	
63	**06/12/2020 05:00**	11.345	0.889	
64	**06/12/2020 06:00**	11.290	1.023	
65	**06/12/2020 07:00**	11.345	1.171	
66	**06/12/2020 08:00**	11.345	1.272	
67	**06/12/2020 09:00**	11.345	1.287	
68	**06/12/2020 10:00**	11.345	1.260	
69	**06/12/2020 11:00**	11.345	1.172	
70	**06/12/2020 12:00**	11.345	1.050	
71	**06/12/2020 13:00**	11.345	0.892	
72	**06/12/2020 14:00**	11.345	0.710	
73	**06/12/2020 15:00**	11.345	0.612	
74	**06/12/2020 16:00**	11.345	0.612	
75	**06/12/2020 17:00**	11.345	0.768	
76	**06/12/2020 18:00**	11.345	0.925	
77	**06/12/2020 19:00**	11.345	1.114	
78	**06/12/2020 20:00**	11.345	1.253	
79	**06/12/2020 21:00**	11.290	1.315	
80	**06/12/2020 22:00**	11.345	1.341	
81	**06/12/2020 23:00**	11.345	1.283	
82	**07/12/2020 00:00**	11.345	1.192	
83	**07/12/2020 01:00**	11.345	1.037	
84	**07/12/2020 02:00**	11.345	0.880	
85	**07/12/2020 03:00**	11.345	0.741	
86	**07/12/2020 04:00**	11.345	0.660	
87	**07/12/2020 05:00**	11.345	0.693	
88	**07/12/2020 06:00**	11.345	0.843	
89	**07/12/2020 07:00**	11.345	0.994	
90	**07/12/2020 08:00**	11.345	1.106	
91	**07/12/2020 09:00**	11.345	1.200	
92	**07/12/2020 10:00**	11.345	1.214	
93	**07/12/2020 11:00**	11.345	1.183	
94	**07/12/2020 12:00**	11.345	1.092	
95	**07/12/2020 13:00**	11.345	0.951	
96	**07/12/2020 14:00**	11.345	0.772	
97	**07/12/2020 15:00**	11.345	0.592	
98	**07/12/2020 16:00**	11.345	0.511	
99	**07/12/2020 17:00**	11.345	0.518	
100	**07/12/2020 18:00**	11.345	0.643	
101	**07/12/2020 19:00**	11.290	0.832	
102	**07/12/2020 20:00**	11.345	1.026	
103	**07/12/2020 21:00**	11.345	1.155	
104	**07/12/2020 22:00**	11.345	1.229	
105	**07/12/2020 23:00**	11.345	1.257	
106	**08/12/2020 00:00**	11.345	1.231	
107	**08/12/2020 01:00**	11.290	1.153	
108	**08/12/2020 02:00**	11.290	1.028	
109	**08/12/2020 03:00**	11.290	0.873	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
110	**08/12/2020 04:00**	11.345	0.724	
111	**08/12/2020 05:00**	11.345	0.638	
112	**08/12/2020 06:00**	11.345	0.679	
113	**08/12/2020 07:00**	11.345	0.821	
114	**08/12/2020 08:00**	11.345	0.953	
115	**08/12/2020 09:00**	11.290	1.070	
116	**08/12/2020 10:00**	11.345	1.161	
117	**08/12/2020 11:00**	11.345	1.188	
118	**08/12/2020 12:00**	11.345	1.164	
119	**08/12/2020 13:00**	11.345	1.064	
120	**08/12/2020 14:00**	11.345	0.932	
121	**08/12/2020 15:00**	11.345	0.762	
122	**08/12/2020 16:00**	11.345	0.641	
123	**08/12/2020 17:00**	11.345	0.553	
124	**08/12/2020 18:00**	11.345	0.580	
125	**08/12/2020 19:00**	11.345	0.700	
126	**08/12/2020 20:00**	11.345	0.872	
127	**08/12/2020 21:00**	11.345	1.074	
128	**08/12/2020 22:00**	11.345	1.215	
129	**08/12/2020 23:00**	11.400	1.315	
130	**09/12/2020 00:00**	11.345	1.351	
131	**09/12/2020 01:00**	11.345	1.313	
132	**09/12/2020 02:00**	11.345	1.229	
133	**09/12/2020 03:00**	11.345	1.098	
134	**09/12/2020 04:00**	11.345	0.940	
135	**09/12/2020 05:00**	11.345	0.803	
136	**09/12/2020 06:00**	11.290	0.703	
137	**09/12/2020 07:00**	11.345	0.748	
138	**09/12/2020 08:00**	11.345	0.827	
139	**09/12/2020 09:00**	11.290	0.975	
140	**09/12/2020 10:00**	11.345	1.132	
141	**09/12/2020 11:00**	11.345	1.215	
142	**09/12/2020 12:00**	11.345	1.255	
143	**09/12/2020 13:00**	11.345	1.223	
144	**09/12/2020 14:00**	11.345	1.159	
145	**09/12/2020 15:00**	11.345	1.035	
146	**09/12/2020 16:00**	11.345	0.852	
147	**09/12/2020 17:00**	11.345	0.658	
148	**09/12/2020 18:00**	11.345	0.520	
149	**09/12/2020 19:00**	11.345	0.459	
150	**09/12/2020 20:00**	11.345	0.565	
151	**09/12/2020 21:00**	11.345	0.729	
152	**09/12/2020 22:00**	11.345	0.933	
153	**09/12/2020 23:00**	11.345	1.076	
154	**10/12/2020 00:00**	11.290	1.194	
155	**10/12/2020 01:00**	11.400	1.239	
156	**10/12/2020 02:00**	11.345	1.206	
157	**10/12/2020 03:00**	11.345	1.124	
158	**10/12/2020 04:00**	11.345	1.010	
159	**10/12/2020 05:00**	11.345	0.866	
160	**10/12/2020 06:00**	11.400	0.716	
161	**10/12/2020 07:00**	11.345	0.620	
162	**10/12/2020 08:00**	11.345	0.613	
163	**10/12/2020 09:00**	11.400	0.737	
164	**10/12/2020 10:00**	11.345	0.921	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
165	**10/12/2020 11:00**	11.345	1.056	
166	**10/12/2020 12:00**	11.345	1.192	
167	**10/12/2020 13:00**	11.345	1.232	
168	**10/12/2020 14:00**	11.345	1.215	
169	**10/12/2020 15:00**	11.345	1.127	
170	**10/12/2020 16:00**	11.345	1.004	
171	**10/12/2020 17:00**	11.345	0.811	
172	**10/12/2020 18:00**	11.400	0.584	
173	**10/12/2020 19:00**	11.345	0.441	
174	**10/12/2020 20:00**	11.345	0.401	
175	**10/12/2020 21:00**	11.345	0.506	
176	**10/12/2020 22:00**	11.345	0.719	
177	**10/12/2020 23:00**	11.400	0.914	
178	**11/12/2020 00:00**	11.345	1.084	
179	**11/12/2020 01:00**	11.345	1.187	
180	**11/12/2020 02:00**	11.400	1.232	
181	**11/12/2020 03:00**	11.345	1.194	
182	**11/12/2020 04:00**	11.345	1.117	
183	**11/12/2020 05:00**	11.345	0.947	
184	**11/12/2020 06:00**	11.345	0.726	
185	**11/12/2020 07:00**	11.345	0.542	
186	**11/12/2020 08:00**	11.345	0.414	
187	**11/12/2020 09:00**	11.345	0.412	
188	**11/12/2020 10:00**	11.290	0.555	
189	**11/12/2020 11:00**	11.345	0.786	
190	**11/12/2020 12:00**	11.345	0.948	
191	**11/12/2020 13:00**	11.345	1.097	
192	**11/12/2020 14:00**	11.345	1.152	
193	**11/12/2020 15:00**	11.345	1.120	
194	**11/12/2020 16:00**	11.345	1.056	
195	**11/12/2020 17:00**	11.345	0.877	
196	**11/12/2020 18:00**	11.400	0.733	
197	**11/12/2020 19:00**	11.345	0.542	
198	**11/12/2020 20:00**	11.345	0.401	
199	**11/12/2020 21:00**	11.345	0.380	
200	**11/12/2020 22:00**	11.345	0.533	
201	**11/12/2020 23:00**	11.290	0.747	
202	**12/12/2020 00:00**	11.345	0.978	
203	**12/12/2020 01:00**	11.345	1.179	
204	**12/12/2020 02:00**	11.345	1.273	
205	**12/12/2020 03:00**	11.290	1.309	
206	**12/12/2020 04:00**	11.290	1.264	
207	**12/12/2020 05:00**	11.290	1.147	
208	**12/12/2020 06:00**	11.400	0.964	
209	**12/12/2020 07:00**	11.345	0.759	
210	**12/12/2020 08:00**	11.290	0.575	
211	**12/12/2020 09:00**	11.345	0.480	
212	**12/12/2020 10:00**	11.290	0.533	
213	**12/12/2020 11:00**	11.290	0.705	
214	**12/12/2020 12:00**	11.345	0.926	
215	**12/12/2020 13:00**	11.345	1.116	
216	**12/12/2020 14:00**	11.400	1.260	
217	**12/12/2020 15:00**	11.345	1.291	
218	**12/12/2020 16:00**	11.290	1.274	
219	**12/12/2020 17:00**	11.290	1.174	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

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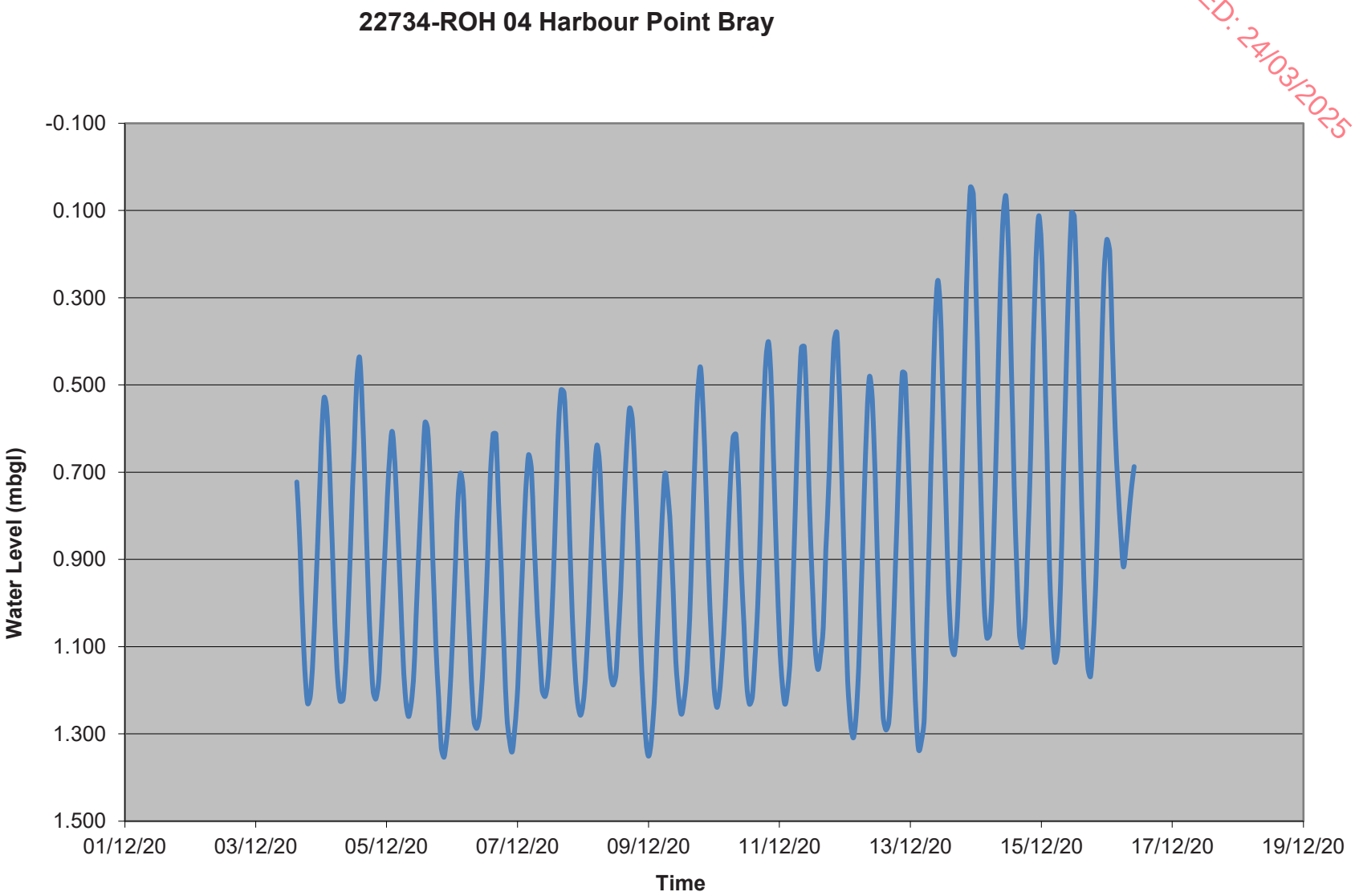
	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
220	**12/12/2020 18:00**	11.290	1.007	
221	**12/12/2020 19:00**	11.345	0.813	
222	**12/12/2020 20:00**	11.400	0.621	
223	**12/12/2020 21:00**	11.290	0.471	
224	**12/12/2020 22:00**	11.345	0.475	
225	**12/12/2020 23:00**	11.290	0.633	
226	**13/12/2020 00:00**	11.345	0.845	
227	**13/12/2020 01:00**	11.290	1.083	
228	**13/12/2020 02:00**	11.290	1.253	
229	**13/12/2020 03:00**	11.345	1.336	
230	**13/12/2020 04:00**	11.290	1.316	
231	**13/12/2020 05:00**	11.345	1.265	
232	**13/12/2020 06:00**	11.400	1.050	
233	**13/12/2020 07:00**	11.290	0.816	
234	**13/12/2020 08:00**	11.345	0.566	
235	**13/12/2020 09:00**	11.400	0.356	
236	**13/12/2020 10:00**	11.400	0.260	
237	**13/12/2020 11:00**	11.400	0.333	
238	**13/12/2020 12:00**	11.345	0.551	
239	**13/12/2020 13:00**	11.345	0.779	
240	**13/12/2020 14:00**	11.345	0.975	
241	**13/12/2020 15:00**	11.400	1.095	
242	**13/12/2020 16:00**	11.400	1.118	
243	**13/12/2020 17:00**	11.400	1.058	
244	**13/12/2020 18:00**	11.345	0.903	
245	**13/12/2020 19:00**	11.345	0.675	
246	**13/12/2020 20:00**	11.290	0.401	
247	**13/12/2020 21:00**	11.345	0.173	
248	**13/12/2020 22:00**	11.345	0.046	
249	**13/12/2020 23:00**	11.400	0.063	
250	**14/12/2020 00:00**	11.400	0.271	
251	**14/12/2020 01:00**	11.400	0.546	
252	**14/12/2020 02:00**	11.345	0.805	
253	**14/12/2020 03:00**	11.345	1.001	
254	**14/12/2020 04:00**	11.400	1.080	
255	**14/12/2020 05:00**	11.290	1.071	
256	**14/12/2020 06:00**	11.345	0.956	
257	**14/12/2020 07:00**	11.400	0.738	
258	**14/12/2020 08:00**	11.400	0.509	
259	**14/12/2020 09:00**	11.345	0.262	
260	**14/12/2020 10:00**	11.290	0.107	
261	**14/12/2020 11:00**	11.400	0.067	
262	**14/12/2020 12:00**	11.400	0.205	
263	**14/12/2020 13:00**	11.290	0.457	
264	**14/12/2020 14:00**	11.345	0.732	
265	**14/12/2020 15:00**	11.400	0.932	
266	**14/12/2020 16:00**	11.400	1.074	
267	**14/12/2020 17:00**	11.290	1.101	
268	**14/12/2020 18:00**	11.290	1.031	
269	**14/12/2020 19:00**	11.400	0.868	
270	**14/12/2020 20:00**	11.345	0.662	
271	**14/12/2020 21:00**	11.290	0.411	
272	**14/12/2020 22:00**	11.400	0.212	
273	**14/12/2020 23:00**	11.400	0.112	
274	**15/12/2020 00:00**	11.345	0.182	

Project.	**Harbour Point Bray**
Project No.	**22734**
Engineer.	**Atkins**
Client.	**Ballymore**
Borehole No.	**ROH 04**
Serial No.	**760760**

RECEIVED: 24/03/2025

	DATE	TEMPERATURE	WATER LEVEL (m bgl)	REMARKS
275	**15/12/2020 01:00**	11.345	0.394	
276	**15/12/2020 02:00**	11.345	0.653	
277	**15/12/2020 03:00**	11.400	0.928	
278	**15/12/2020 04:00**	11.345	1.074	
279	**15/12/2020 05:00**	11.345	1.136	
280	**15/12/2020 06:00**	11.290	1.104	
281	**15/12/2020 07:00**	11.345	0.950	
282	**15/12/2020 08:00**	11.345	0.728	
283	**15/12/2020 09:00**	11.345	0.477	
284	**15/12/2020 10:00**	11.400	0.270	
285	**15/12/2020 11:00**	11.345	0.105	
286	**15/12/2020 12:00**	11.290	0.113	
287	**15/12/2020 13:00**	11.345	0.289	
288	**15/12/2020 14:00**	11.345	0.569	
289	**15/12/2020 15:00**	11.345	0.835	
290	**15/12/2020 16:00**	11.290	1.023	
291	**15/12/2020 17:00**	11.345	1.147	
292	**15/12/2020 18:00**	11.400	1.168	
293	**15/12/2020 19:00**	11.290	1.080	
294	**15/12/2020 20:00**	11.345	0.932	
295	**15/12/2020 21:00**	11.345	0.704	
296	**15/12/2020 22:00**	11.345	0.441	
297	**15/12/2020 23:00**	11.345	0.243	
298	**16/12/2020 00:00**	11.345	0.166	
299	**16/12/2020 01:00**	11.400	0.194	
300	**16/12/2020 02:00**	11.345	0.397	
301	**16/12/2020 03:00**	11.345	0.598	
302	**16/12/2020 04:00**	11.290	0.732	
303	**16/12/2020 05:00**	11.345	0.830	
304	**16/12/2020 06:00**	11.290	0.916	
305	**16/12/2020 07:00**	11.400	0.872	
306	**16/12/2020 08:00**	11.345	0.801	
307	**16/12/2020 09:00**	12.325	0.734	
308	**16/12/2020 10:00**	12.325	0.687	

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Appendix 9

Geotechnical Laboratory Test Results - Soil

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116073** Contract No. 22734 Contract Name: Harbour Point Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 09/10/20 Date Tested: 14/10/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
BH201	AA134066	1.0	A20/4531	B	19	38	NP	NP	46	WS	4.4		Brown sandy gravelly SILT
BH201	AA134073	8.0	A20/4533	B	30								Brown sandy SILT/CLAY
BH201	AA134074	9.0	A20/4534	B	20	26	NP	NP	91	WS	4.4		Brown slightly gravelly sandy SILT
BH202	AA134475	1.0	A20/4535	B	12								Brown clayey/silty, very sandy, GRAVEL
BH202	AA134476	2.0	A20/4536	B	14	44	22	22	31	WS	4.4	C I	Brown sandy gravelly CLAY
BH204	AA146494	0.8	A20/4537	B	12	46	NP	NP	25	WS	4.4		Brown silty sandy GRAVEL
BH205	AA134477	1.0	A20/4539	B	11	37	NP	NP	28	WS	4.4		Brown silty, very sandy, GRAVEL
BH205	AA134479	3.0	A20/4540	B	6.3	29	NP	NP	22	WS	4.4		Brown silty, sandy, GRAVEL
BH205	AA134481	5.0	A20/4541	B	10								Brown sandy gravelly SILT/CLAY
BH205	AA134483	7.0	A20/4542	B	12								Brown clayey/silty, very sandy, GRAVEL with some co
BH205	AA134485	9.0	A20/4543	B	32	34	NP	NP	98	WS	4.4		Brown slightly gravelly sandy SILT
BH206	AA146486	1.0	A20/4544	B	4.2	26	NP	NP	7	WS	4.4		Brown silty very sandy GRAVEL
BH206	AA146491	4.5	A20/4546	B	24								Mottled brown sandy gravelly SILT/CLAY
BH206	AA146493	6.0	A20/4547	B	18	44	17	27	90	WS	4.4	C I	Brown sandy gravelly CLAY
BH207	AA134487	1.0	A20/4548	B	14	40	NP	NP	34	WS	4.4		Brown silty, sandy, GRAVEL

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by | Date: 10/11/20 | Page: 1 of 1

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116074** Contract No. 22734 Contract Name: Harbour Point Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 09/10/20 Date Tested: 12/10/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
BH207	AA134489	3.0	A20/4549	B	8.3								Brown sandy gravelly SILT/CLAY
BH207	AA134490	4.0	A20/4550	B	7.8								Brown clayey/silty, very sandy, GRAVEL
BH207	AA134492	6.0	A20/4551	B	14								Brown sandy gravelly SILT/CLAY
BH207	AA134493	7.0	A20/4552	B	13	33	16	17	83	WS	4.4	C L	Brown sandy gravelly CLAY
BH207	AA134495	9.0	A20/4553	B	16								Brown sandy gravelly SILT/CLAY
BH208	AA139451	1.0	A20/4554	B	13	47	NP	NP	26	WS	4.4		Brown sandy gravelly SILT
BH208	AA139453	3.0	A20/4556	B	11								Brown sandy gravelly SILT/CLAY
BH210	AA141606	4.5	A20/4558	B	9.1	34	NP	NP	17	WS	4.4		Brown silty sandy GRAVEL
BH210	AA141607	5.5	A20/4559	B	9.6								Brown clayey/silty, very gravelly, SAND
BH210	AA141608	6.5	A20/4560	B	9.3	39	NP	NP	20	WS	4.4		Brown silty sandy GRAVEL
BH210	AA141610	8.5	A20/4561	B	10								Brown silty/clayey sandy GRAVEL
BH210	AA141611	9.5	A20/4562	B	28	34	NP	NP	95	WS	4.4		Brown slightly gravelly sandy SILT
BH210	AA141613	11.5	A20/4563	B	15	33	15	18	65	WS	4.4	C L	Brown slightly sandy, slightly gravelly, CLAY with some cobbles
BH211	AA146466	3.0	A20/4564	B	7								Brown clayey/silty, very sandy, GRAVEL
BH211	AA146470	6.0	A20/4565	B	19	27	NP	NP	75	WS	4.4		Brown sandy gravelly SILT

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by: H Byrne
Date: 10/11/20
Page: 1 of 1

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116075** Contract No. 22734 Contract Name: Harbour Point Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 09/10/20 Date Tested: 12/10/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
BH211	AA146473	7.5	A20/4566	B	19	27	NP	NP	77	WS	4.4		Brown sandy gravelly SILT
BH211	AA146475	8.5	A20/4567	B	22								Brown sandy gravelly SILT/CLAY
BH211	AA146477	9.5	A20/4568	B	18	50	NP	NP	66	WS	4.4		Brown sandy gravelly SILT
BH211	AA146480	10.5	A20/4569	B	9.2								Brown silty/clayey sandy GRAVEL
BH211	AA146482	12.0	A20/4570	B	8.2								Brown slightly clayey/silty, very sandy, GRAVEL
BH213	AA146604	4.5	A20/4572	B	18	40	17	23	95	WS	4.4	C I	Dark brown sandy gravelly CLAY
BH213	AA146607	7.5	A20/4573	B	20								Brown slightly sandy, slightly gravelly, SILT/CLAY
BH213	AA146609	9.5	A20/4574	B	22	42	17	25	98	WS	4.4	C I	Brown slightly gravelly sandy CLAY
BH213	AA146610	10.5	A20/4575	B	24								Brown sandy gravelly SILT/CLAY
BH214	AA146611	1.5	A20/4576	B	9.7	37	NP	NP	23	WS	4.4		Brown sandy gravelly SILT
BH214	AA146612	2.5	A20/4577	B	25								Brown slightly sandy, slightly gravelly, SILT/CLAY
BH214	AA146614	4.5	A20/4578	B	22	48	19	29	98	WS	4.4	C I	Brown slightly gravelly sandy CLAY
BH215	AA141653	1.5	A20/4579	B	18	40	18	22	97	WS	4.4	C I	Mottled brown sandy gravelly CLAY
BH215	AA141657	3.5	A20/4580	B	22								Mottled brown sandy gravelly SILT/CLAY
BH215	AA141659	4.5	A20/4588	B	15								Brown sandy gravelly SILT/CLAY

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by: H Byrne
Date: 28/10/20
Page: 1 of 1

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116076** Contract No. 22734 Contract Name: Harbour Point Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 09/10/20 Date Tested: 12/10/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
BH215	AA141661	5.5	A20/4581	B	18	31	NP	NP	71	WS	4.4		Brown sandy gravelly SILT
BH215	AA141663	6.5	A20/4582	B	20								Brown sandy gravelly SILT/CLAY
BH215	AA141665	7.5	A20/4583	B	21								Brown gravelly sandy SILT/CLAY
BH215	AA141667	8.5	A20/4584	B	21								Brown gravelly sandy SILT/CLAY
BH215	AA141669	9.5	A20/4585	B	17	39	15	24	84	WS	4.4		Brown sandy gravelly CLAY
BH215	AA141673	11.5	A20/4586	B	17								Brown sandy gravelly SILT/CLAY
BH215	AA141676	13.3	A20/4587	B	14								Brown sandy gravelly SILT/CLAY
BH216	AA146620	1.5	A20/4589	B	19	44	18	26	82	WS	4.4		Brown sandy gravelly CLAY
BH216	AA146622	3.5	A20/4591	B	20								Mottled brown sandy gravelly SILT/CLAY
BH216	AA146623	4.5	A20/4592	B	15								Brown slightly sandy, slightly gravelly, SILT/CLAY
BH216	AA146625	6.5	A20/4593	B	13	39	NP	NP	13	WS	4.4		Brown silty sandy GRAVEL
BH216	AA146626	7.5	A20/4594	B	16								Brown sandy gravelly SILT/CLAY
BH216	AA146628	9.5	A20/4596	B	18	31	NP	NP	83	WS	4.4		Brown sandy gravelly SILT
BH216	AA146629	10.5	A20/4597	B	15								Brown sandy gravelly SILT/CLAY
BH216	AA146630	11.5	A20/4598	B	11								Brown sandy gravelly SILT/CLAY

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by	Date	Page
H Byrne	23/10/20	1 of 1

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116077** Contract No. 22734 Contract Name: Harbour Point Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 09/10/20 Date Tested: 12/10/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
BH221	AA141628	2.5	A20/4599	B	28	38	NP	NP	97	WS	4.4		Mottled brown sandy gravelly SILT
BH221	AA141630	4.5	A20/4600	B	36	35	NP	NP	99	WS	4.4		Brown sandy gravelly SILT
BH221	AA141632	6.5	A20/4601	B	47	33	NP	NP	97	WS	4.4		Grey slightly gravelly sandy SILT
BH221	AA141634	8.5	A20/4602	B	36	34	NP	NP	98	WS	4.4		Grey/brown slightly gravelly sandy SILT
BH221	AA141635	9.5	A20/4603	B	39								Grey sandy SILT/CLAY
BH221	AA141638	12.5	A20/4604	B	17								Brown clayey/silty, very gravelly, SAND
BH221	AA141640	14.5	A20/4605	B	13	37	15	22	57	WS	4.4	C I	Brown sandy gravelly CLAY
BH222A	AA141616	2.5	A20/4607	B	32	34	NP	NP	98	WS	4.4		Brown sandy SILT
BH222A	AA141618	4.5	A20/4608	B	59	27	NP	NP	98	WS	4.4		Grey/brown sandy SILT
BH222A	AA141620	6.5	A20/4609	B	41								Grey sandy, slightly gravelly, SILT/CLAY
BH222A	AA141622	8.5	A20/4610	B	39								Grey sandy SILT/CLAY
BH222A	AA141624	10.5	A20/4611	B	67	60	30	30	98	WS	4.4	C H	Grey sandy CLAY

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by	Date	Page
H Byrne	04/11/20	1 of 1

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

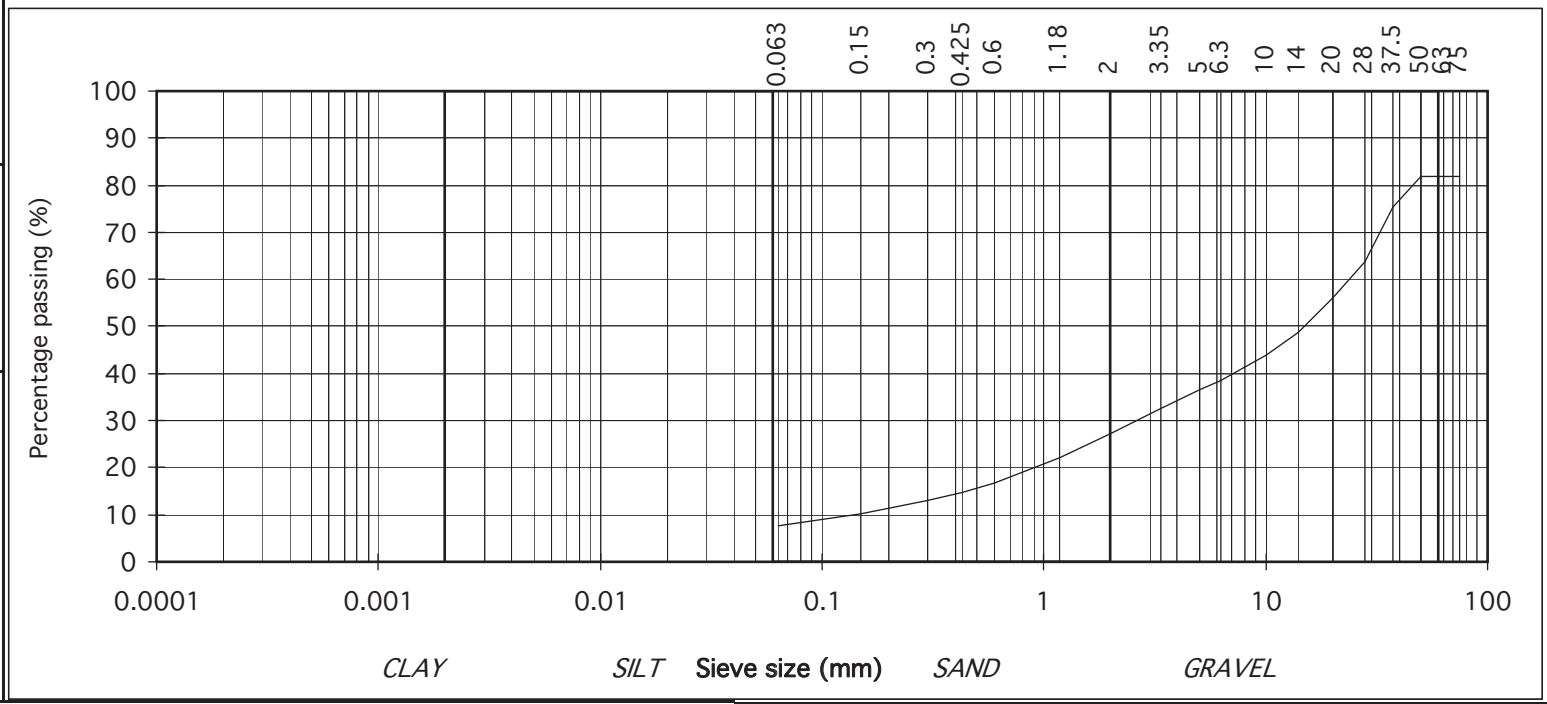
particle size	% passing	
75	82	COBBLES
63	82	
50	82	GRAVEL
37.5	75	
28	64	
20	56	
14	49	
10	44	
6.3	39	
5	36	
3.35	33	
2	27	
1.18	22	SAND
0.6	17	
0.425	15	
0.3	13	
0.15	10	
0.063	8	SILT/CLAY

Contract No.	22734	Report No.	R116131
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH201		
Sample No.	AA134069	Lab. Sample No.	A20/4532
Sample Type:	B		
Depth (m)	4.00	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown clayey/silty, sandy, GRAVEL with some cobbles		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.

Sample size did not meet the requirements of BS1377



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

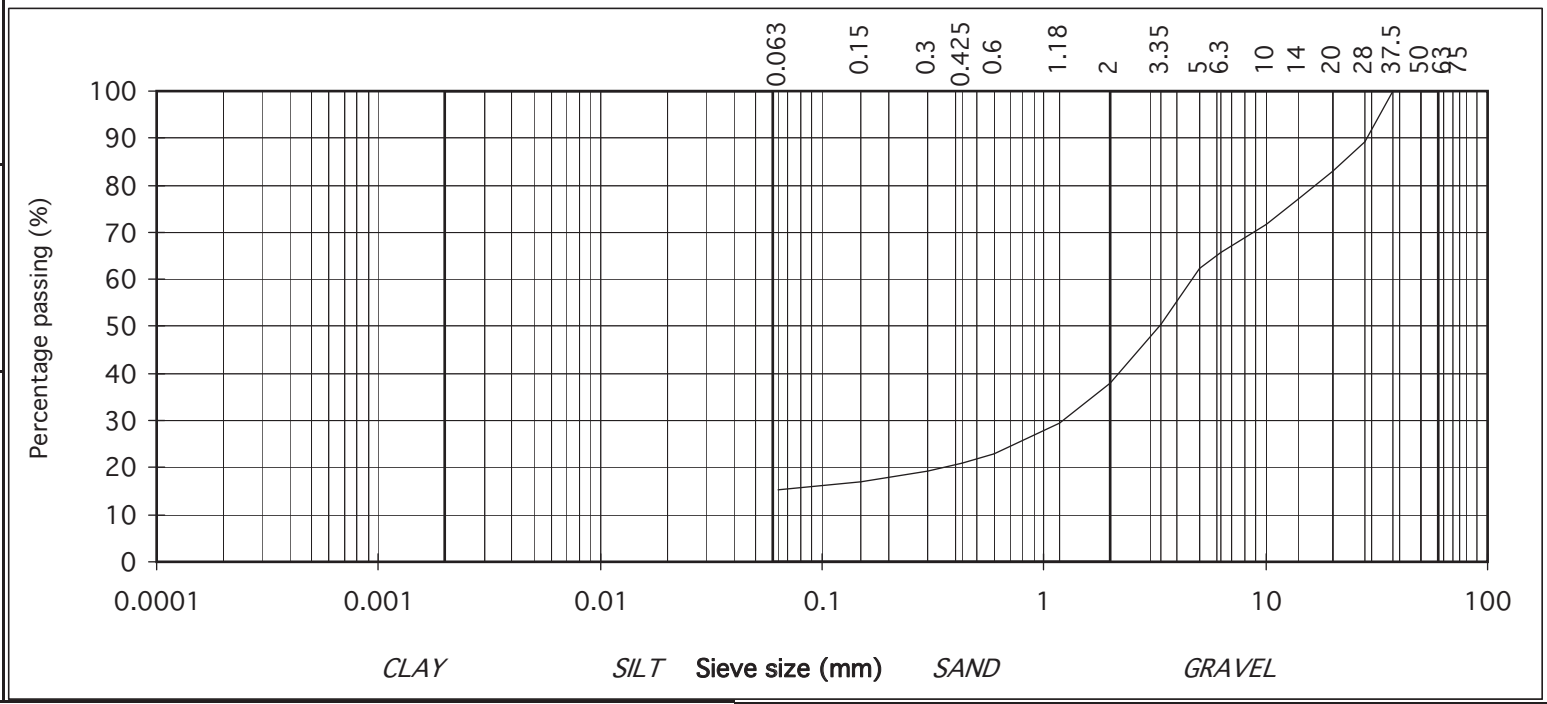
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	89	
20	83	
14	77	
10	72	
6.3	66	
5	62	
3.35	50	
2	38	
1.18	30	SAND
0.6	23	
0.425	21	
0.3	19	
0.15	17	
0.063	15	SILT/CLAY

Contract No. 22734 Report No. R116376
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH202
Sample No. AA134475 Lab. Sample No. A20/4535
Sample Type: B
Depth (m) 1.00 Customer: Ballymore Group / Atkins C.E
Date Received 09/10/2020 Date Testing started 21/10/2020
Description: Brown clayey/silty, very sandy, GRAVEL

Remarks Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received. Sample size did not meet the requirements of BS1377



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	30/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

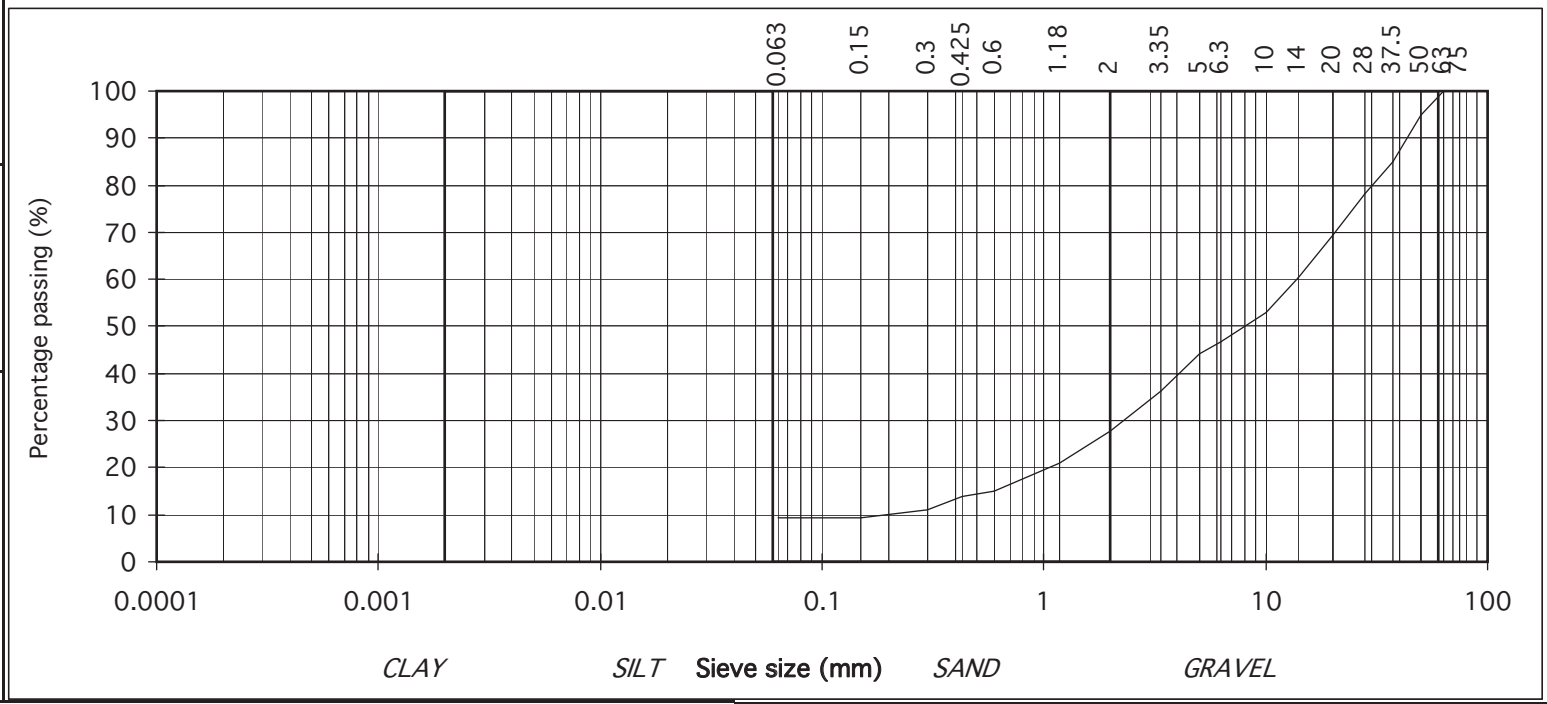
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	95	GRAVEL
37.5	85	
28	78	
20	69	
14	60	
10	53	
6.3	47	
5	44	
3.35	36	
2	28	
1.18	21	SAND
0.6	15	
0.425	14	
0.3	11	
0.15	9	
0.063	9	SILT/CLAY

Contract No.	22734	Report No.	R116115
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH204		
Sample No.	AA146495	Lab. Sample No.	A20/4538
Sample Type:	B		
Depth (m)	1.00	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown clayey/silty, sandy, GRAVEL		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	22/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

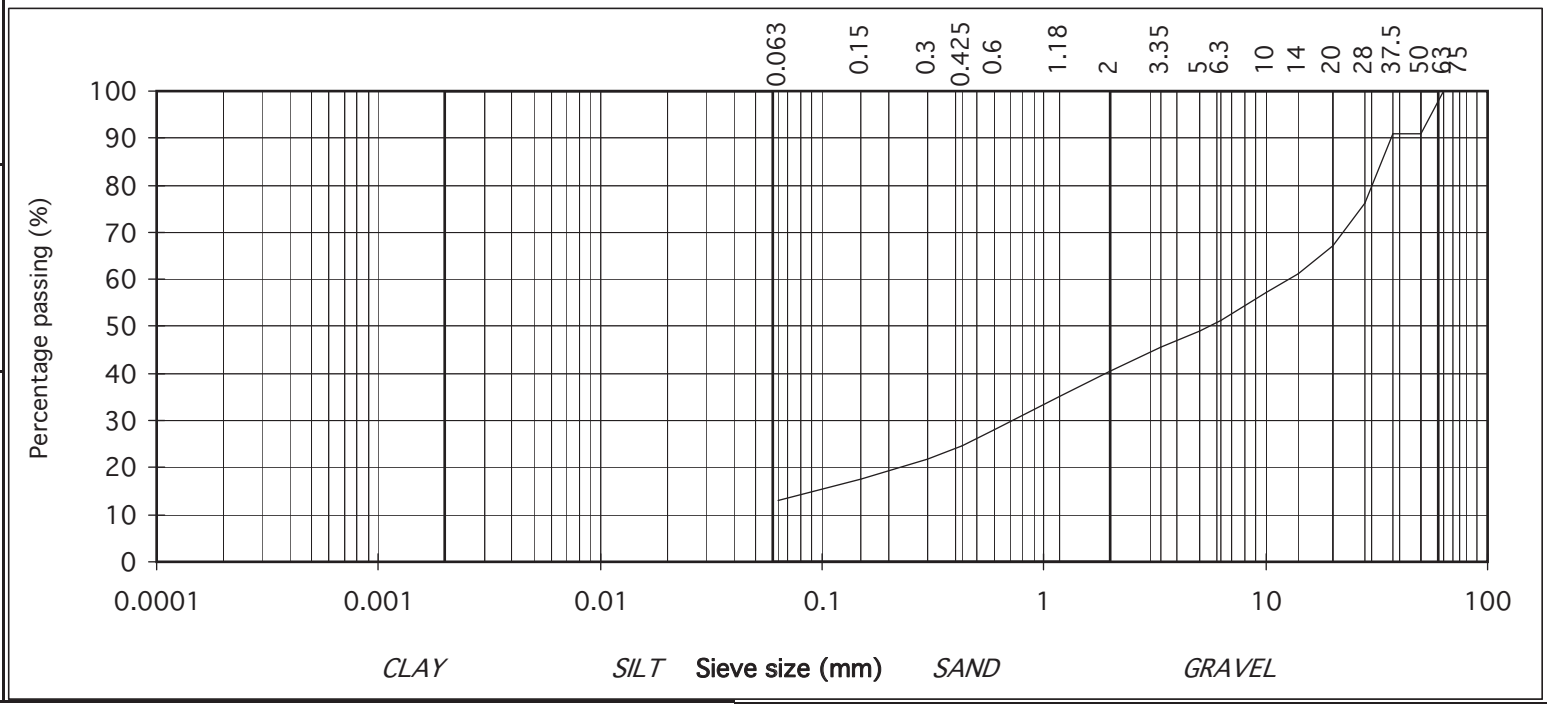
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	91	GRAVEL
37.5	91	
28	76	
20	67	
14	61	
10	57	
6.3	51	
5	49	
3.35	46	
2	41	
1.18	35	SAND
0.6	28	
0.425	25	
0.3	22	
0.15	17	
0.063	13	SILT/CLAY

Contract No.	22734	Report No.	R116132
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH205		
Sample No.	AA134477	Lab. Sample No.	A20/4539
Sample Type:	B		
Depth (m)	1.00	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown silty, very sandy, GRAVEL		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

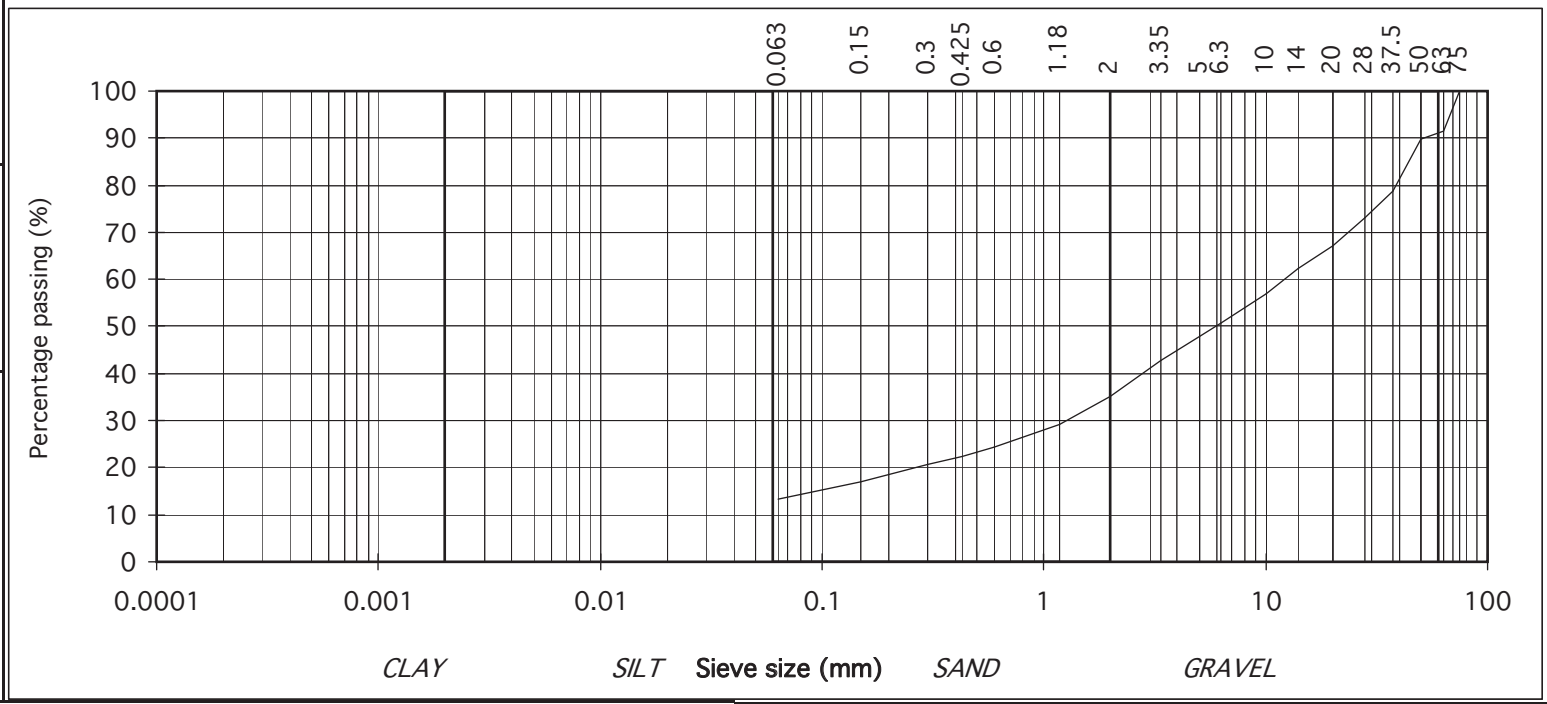
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	91	
50	90	GRAVEL
37.5	79	
28	73	
20	67	
14	62	
10	57	
6.3	51	
5	48	
3.35	43	
2	35	
1.18	29	SAND
0.6	24	
0.425	23	
0.3	21	
0.15	17	
0.063	13	SILT/CLAY

Contract No.	22734	Report No.	R116437
Contract Name:	Harbour , Point , Bray , Co.Wicklow		
BH/TP :	BH205		
Sample No.	AA134483	Lab. Sample No.	A20/4542
Sample Type:	B		
Depth (m)	7.00	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	22/10/2020
Description:	Brown clayey/silty, very sandy, GRAVEL with some cobbles		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	03/11/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

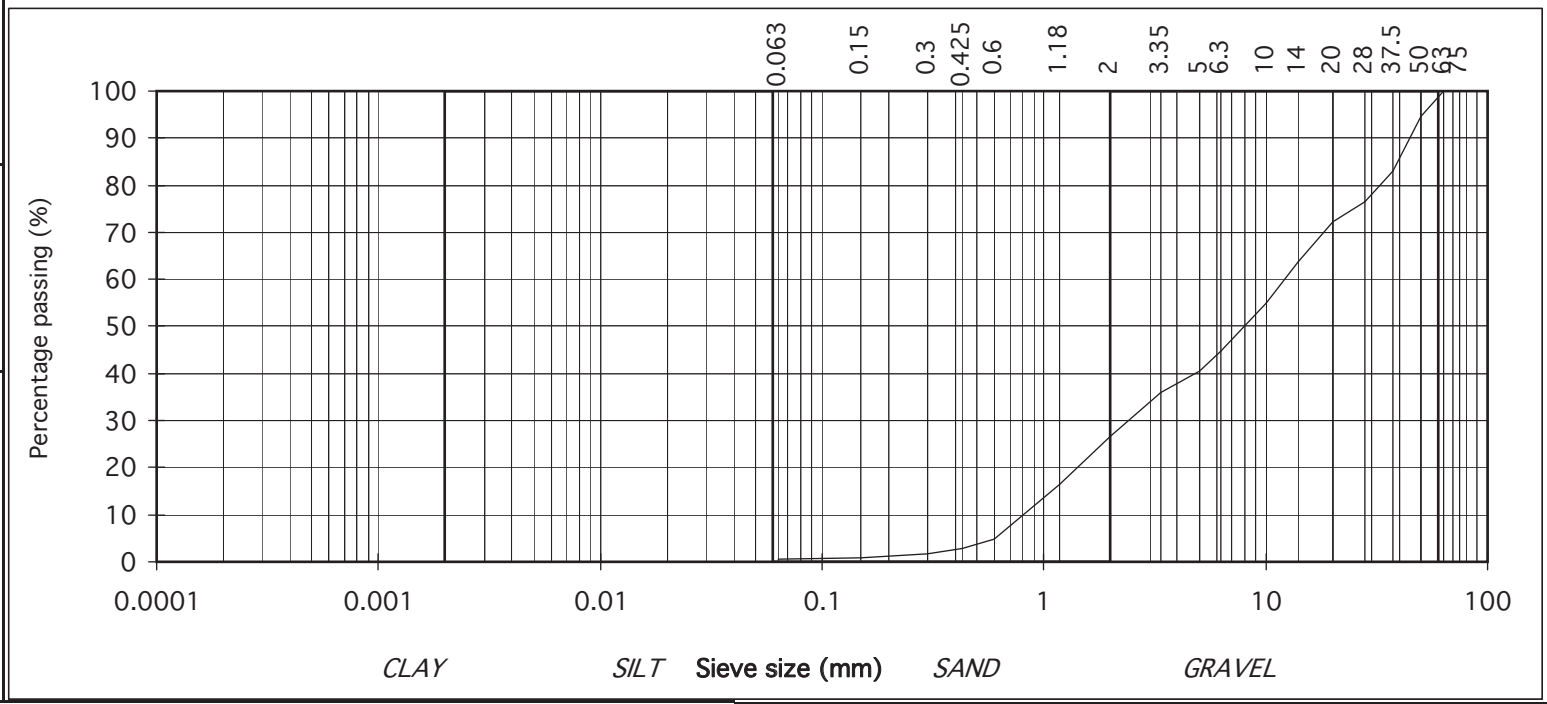
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	95	GRAVEL
37.5	83	
28	76	
20	72	
14	64	
10	55	
6.3	45	
5	40	
3.35	36	
2	27	
1.18	16	SAND
0.6	5	
0.425	3	
0.3	2	
0.15	1	
0.063	1	SILT/CLAY

Contract No.	22734	Report No.	R116133
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH206		
Sample No.	AA146187	Lab. Sample No.	A20/4545
Sample Type:	B		
Depth (m)	2.00	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown slightly clayey/silty, very sandy, GRAVEL		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

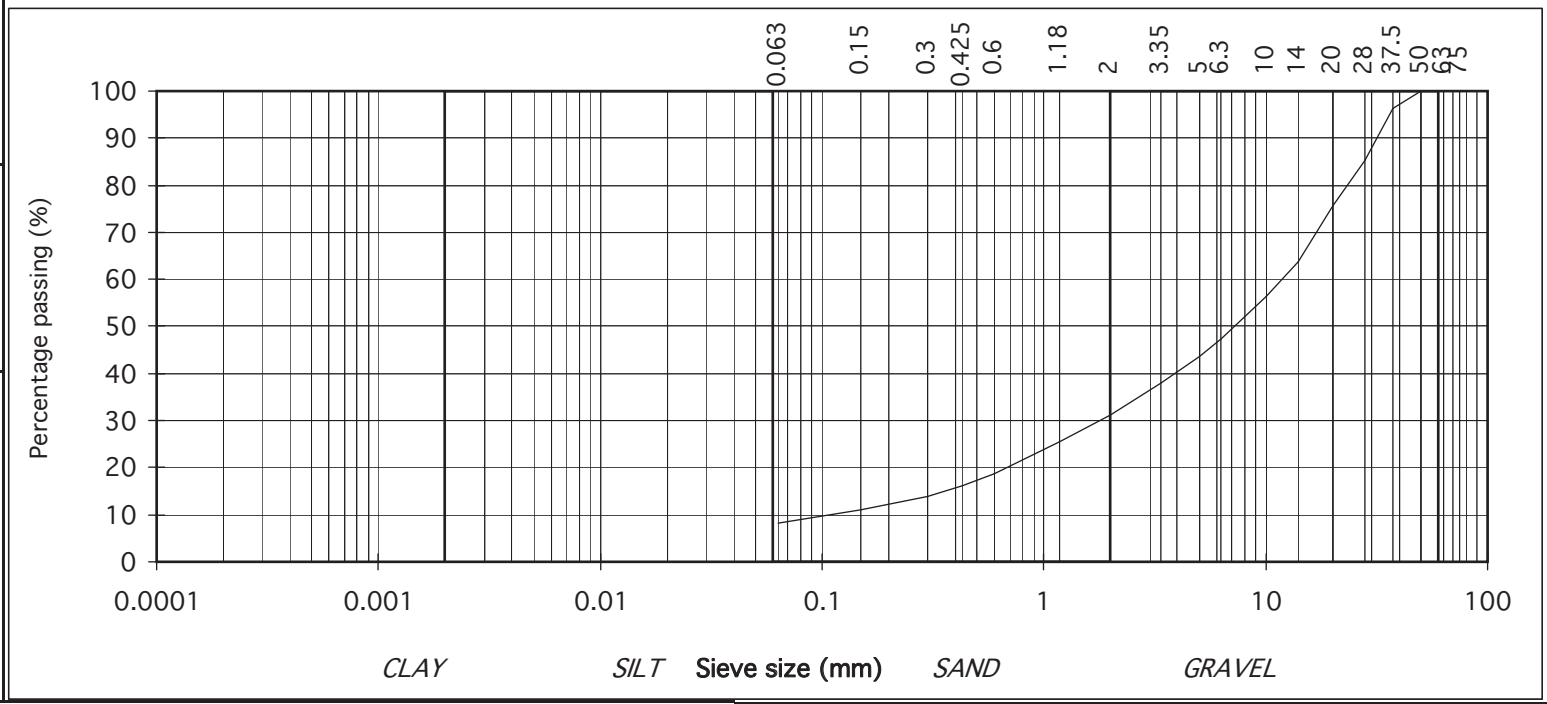
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	96	
28	85	
20	76	
14	64	
10	56	
6.3	47	
5	44	
3.35	38	
2	31	
1.18	25	SAND
0.6	19	
0.425	16	
0.3	14	
0.15	11	
0.063	8	SILT/CLAY

Contract No.	22734	Report No.	R116134
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH207		
Sample No.	AA134490	Lab. Sample No.	A20/4550
Sample Type:	B		
Depth (m)	4.00	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown clayey/silty, very sandy, GRAVEL		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

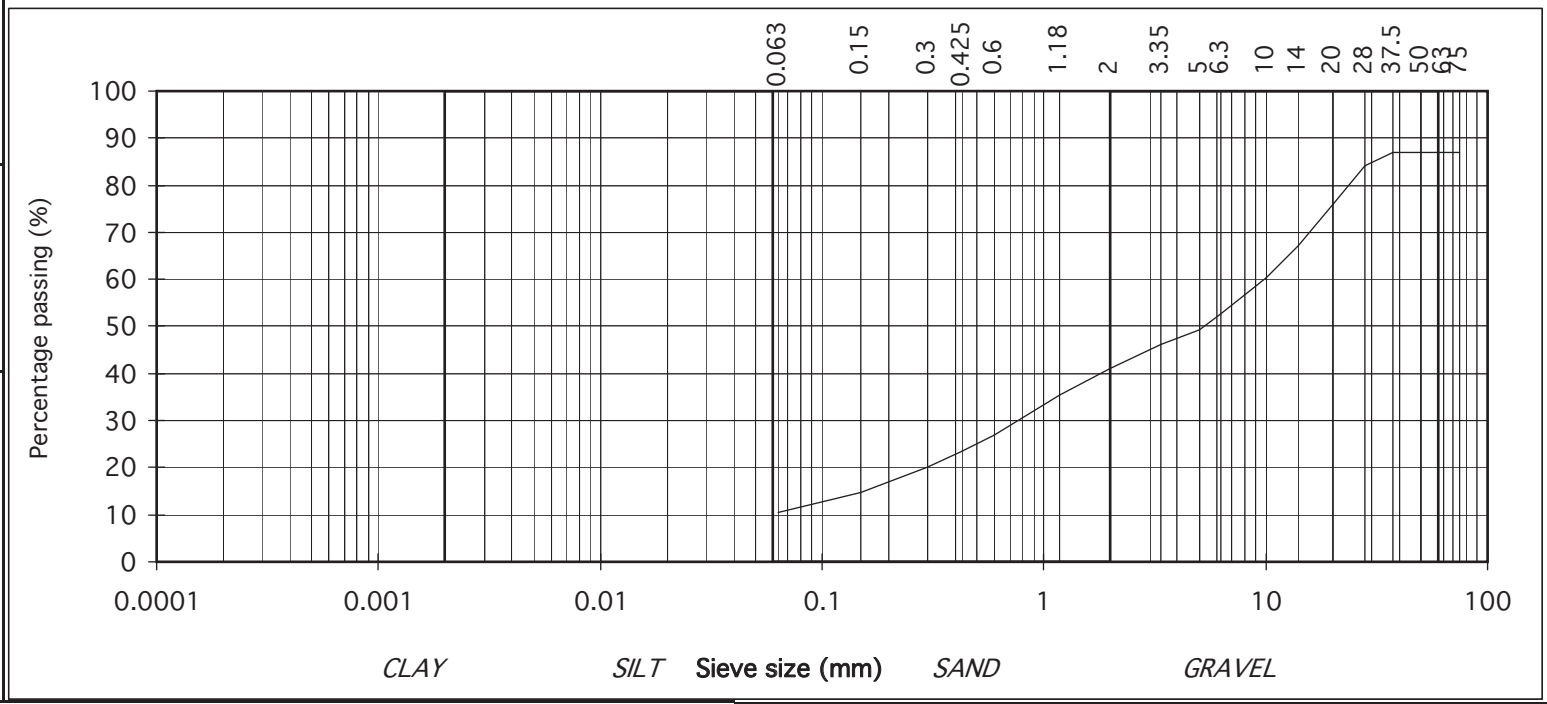
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	87	COBBLES
63	87	
50	87	GRAVEL
37.5	87	
28	84	
20	76	
14	67	
10	60	
6.3	53	
5	49	
3.35	46	
2	41	
1.18	35	SAND
0.6	27	
0.425	24	
0.3	20	
0.15	15	
0.063	11	SILT/CLAY

Contract No. 22734 Report No. R116135
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH208
Sample No. AA139452 Lab. Sample No. A20/4555
Sample Type: B
Depth (m) 2.00 Customer: Ballymore Group / Atkins C.E
Date Received 09/10/2020 Date Testing started 14/10/2020
Description: Brown clayey/silty, very sandy, GRAVEL with some cobbles

Remarks Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received. Sample size did not meethe requirements of BS1377



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

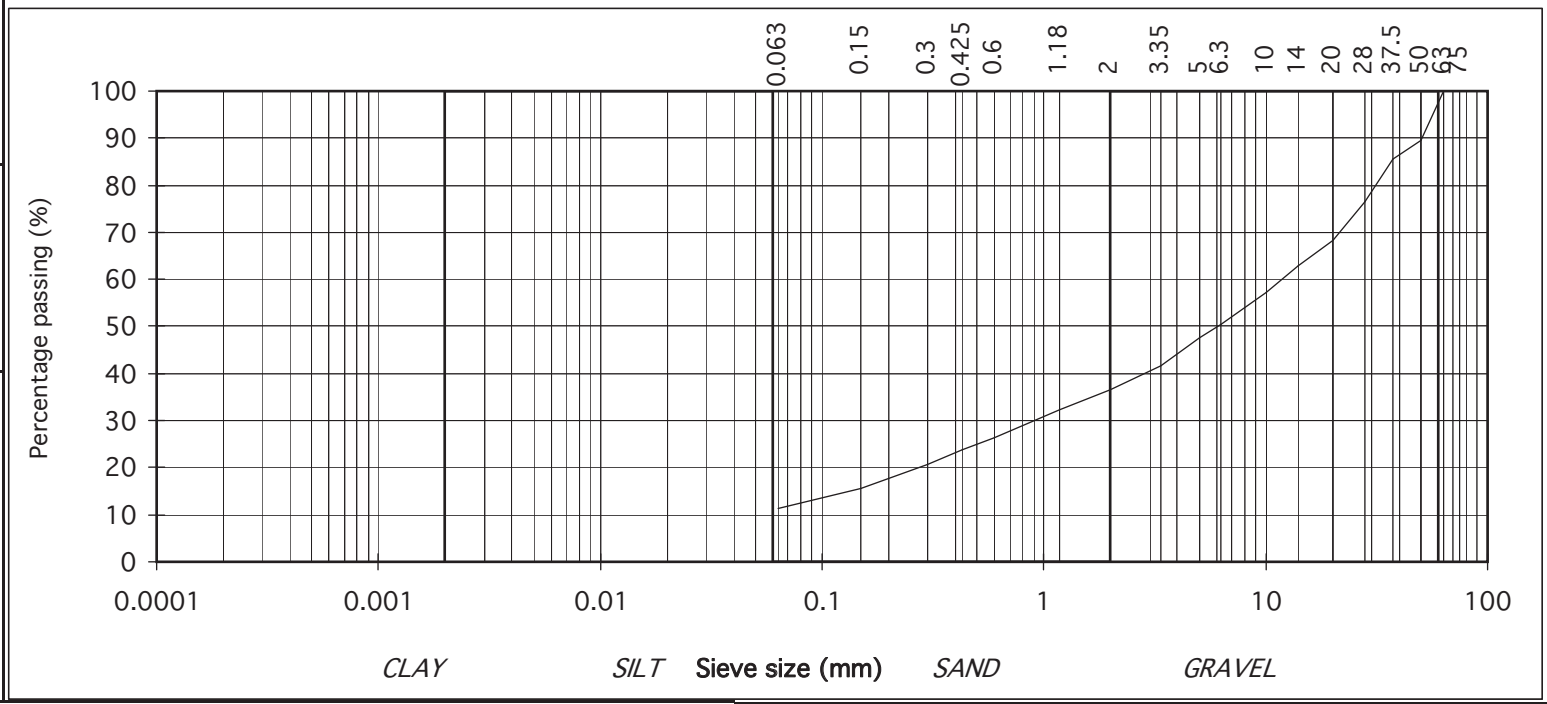
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	90	GRAVEL
37.5	85	
28	76	
20	68	
14	63	
10	57	
6.3	50	
5	48	
3.35	42	
2	37	
1.18	32	SAND
0.6	26	
0.425	24	
0.3	21	
0.15	16	
0.063	11	SILT/CLAY

Contract No. 22734 Report No. R116196
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH210
Sample No. AA141604 Lab. Sample No. A20/4557
Sample Type: B
Depth (m) 2.50 Customer: Ballymore Group / Atkins C.E
Date Received 09/10/2020 Date Testing started 16/10/2020
Description: Brown clayey/silty, very sandy, GRAVEL

Remarks Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	28/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

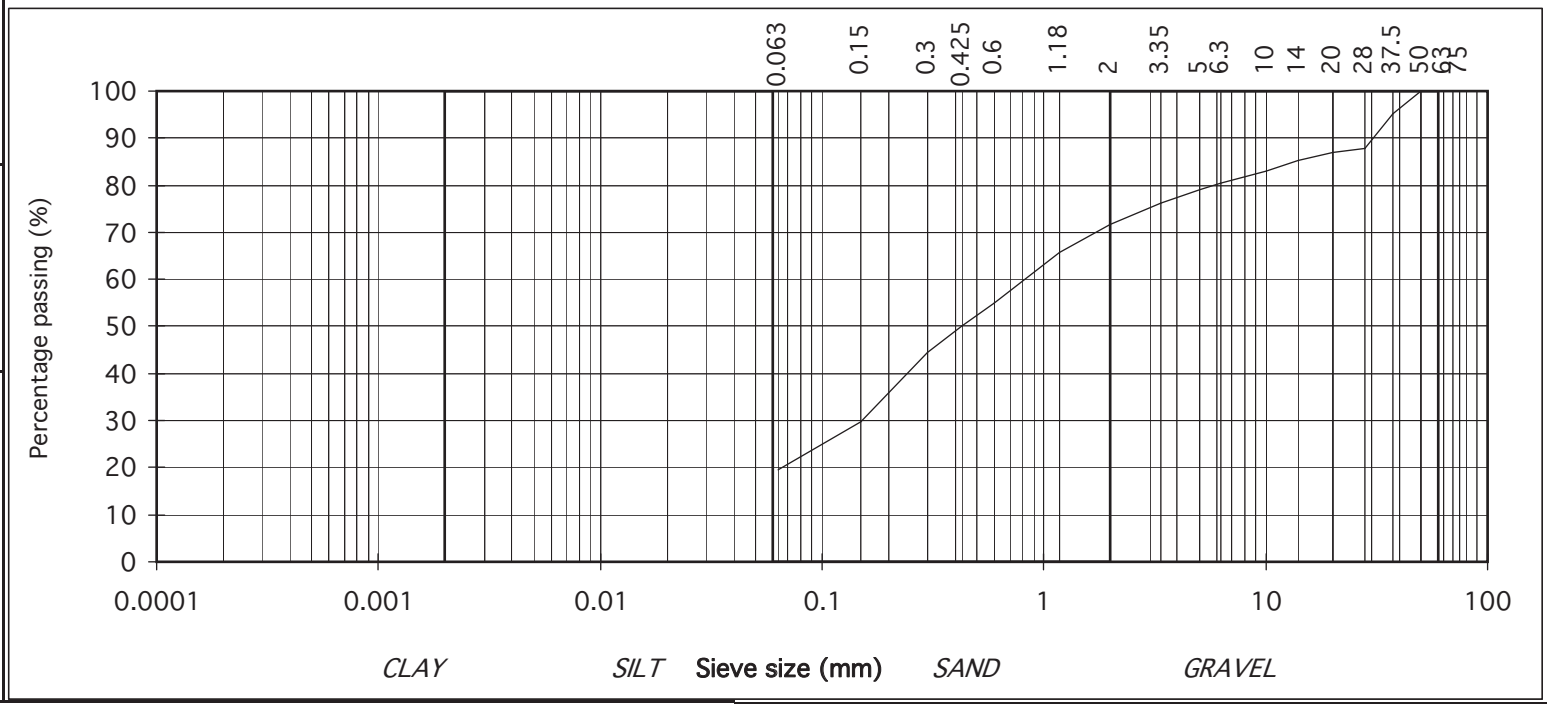
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	95	
28	88	
20	87	
14	85	
10	83	
6.3	80	
5	79	
3.35	76	
2	72	
1.18	66	SAND
0.6	55	
0.425	50	
0.3	44	
0.15	30	
0.063	19	SILT/CLAY

Contract No.	22734	Report No.	R116136
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH210		
Sample No.	AA141607	Lab. Sample No.	A20/4559
Sample Type:	B		
Depth (m)	5.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown clayey/silty, very gravelly, SAND		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

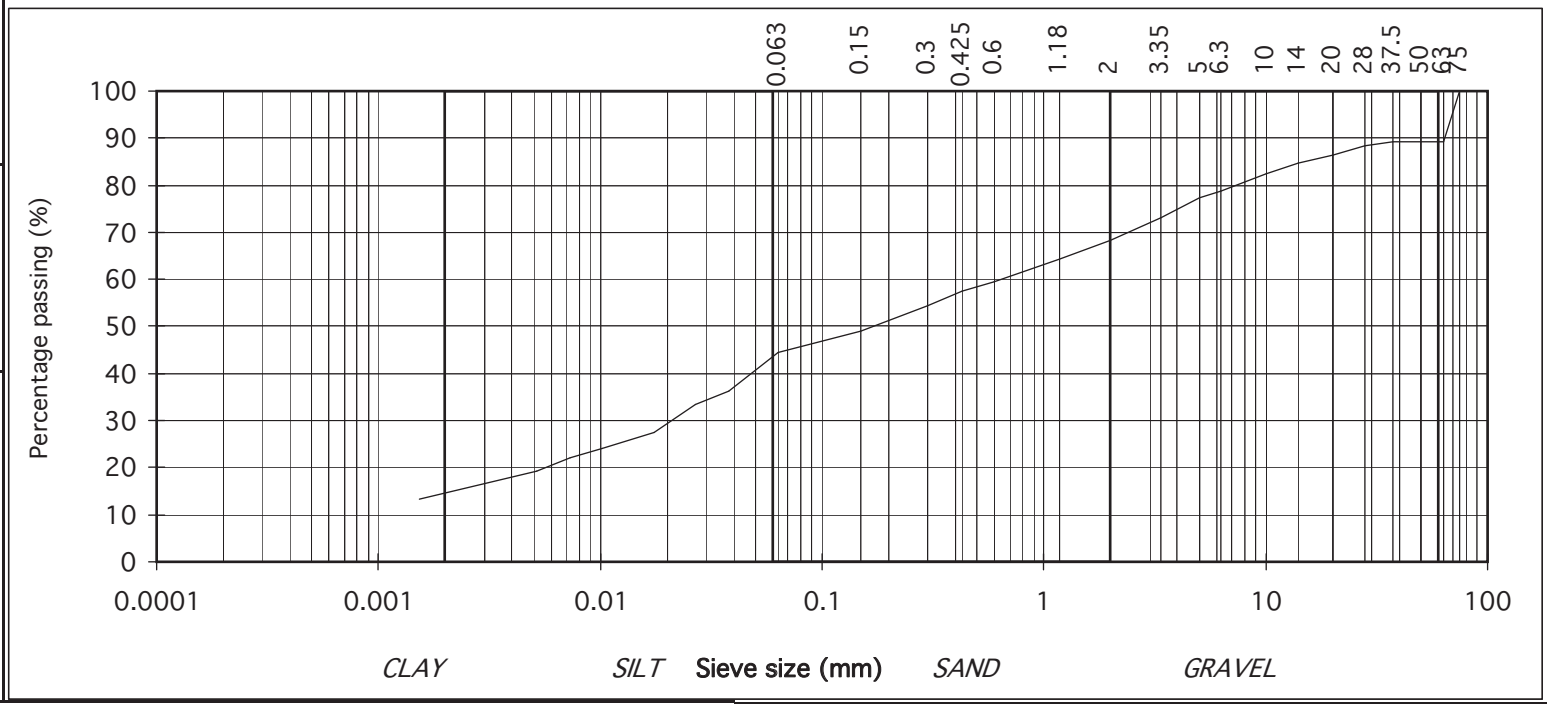
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

ISO 17025 IVNAB ACCREDITED TESTING DETAILED IN SCOPE REG NO. 13/37

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	89	
50	89	GRAVEL
37.5	89	
28	88	
20	86	
14	85	
10	83	
6.3	79	
5	77	
3.35	73	
2	68	
1.18	64	SAND
0.6	59	
0.425	57	
0.3	54	
0.15	49	
0.063	44	SILT/CLAY
0.038	36	
0.027	33	
0.017	27	
0.010	24	
0.007	22	
0.005	19	
0.002	13	

Contract No.	22734	Report No.	R116116
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH210		
Sample No.	AA141613	Lab. Sample No.	A20/4563
Sample Type:	B		
Depth (m)	11.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown slightly sandy, slightly gravelly, CLAY with some cobbles		
Remarks	Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.		



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	22/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

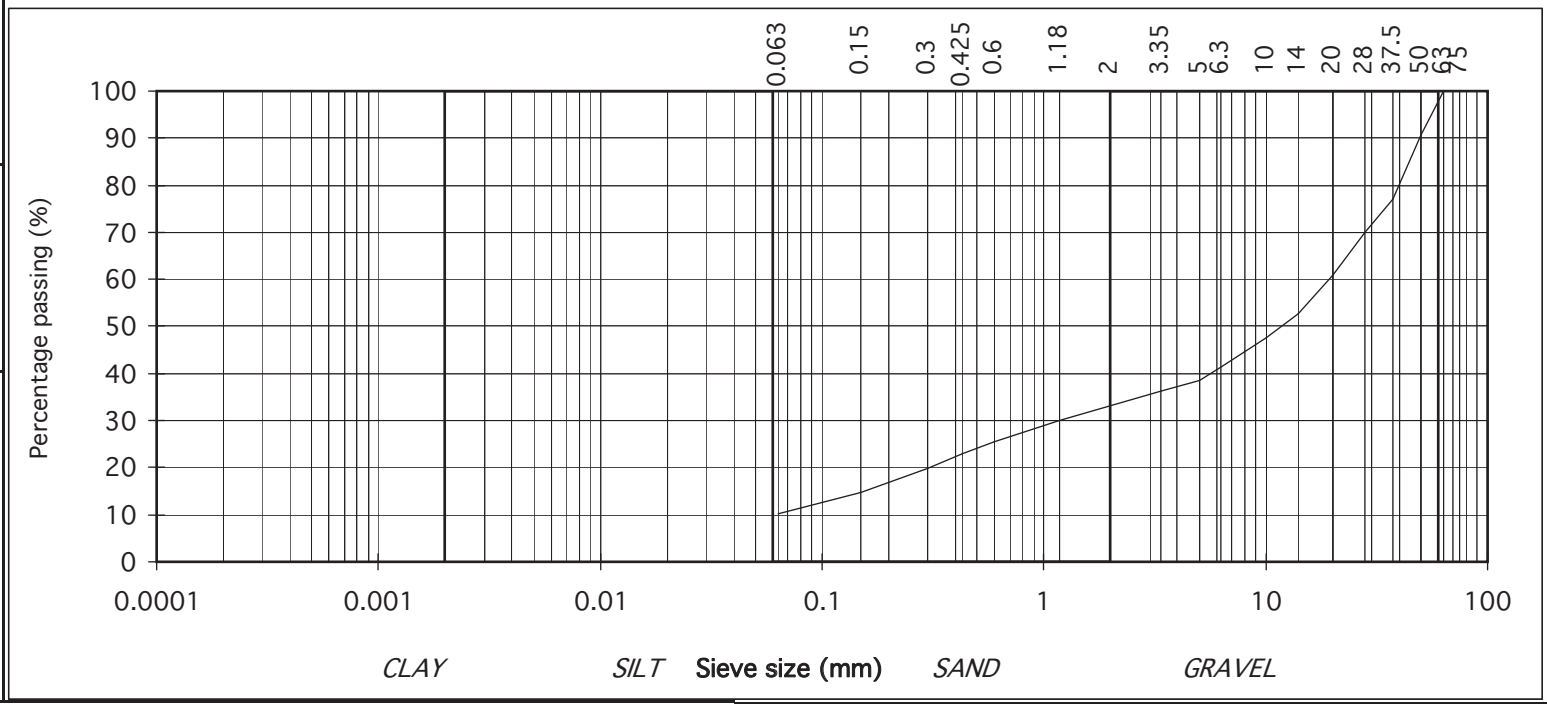
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	91	GRAVEL
37.5	77	
28	70	
20	61	
14	53	
10	48	
6.3	41	
5	38	
3.35	36	
2	33	
1.18	30	SAND
0.6	25	
0.425	23	
0.3	20	
0.15	15	
0.063	10	SILT/CLAY

Contract No. 22734 Report No. R116197
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH211
Sample No. AA146466 Lab. Sample No. A20/4564
Sample Type: B
Depth (m) 3.00 Customer: Ballymore Group / Atkins C.E
Date Received 09/10/2020 Date Testing started 16/10/2020
Description: Brown clayey/silty, very sandy, GRAVEL

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	28/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

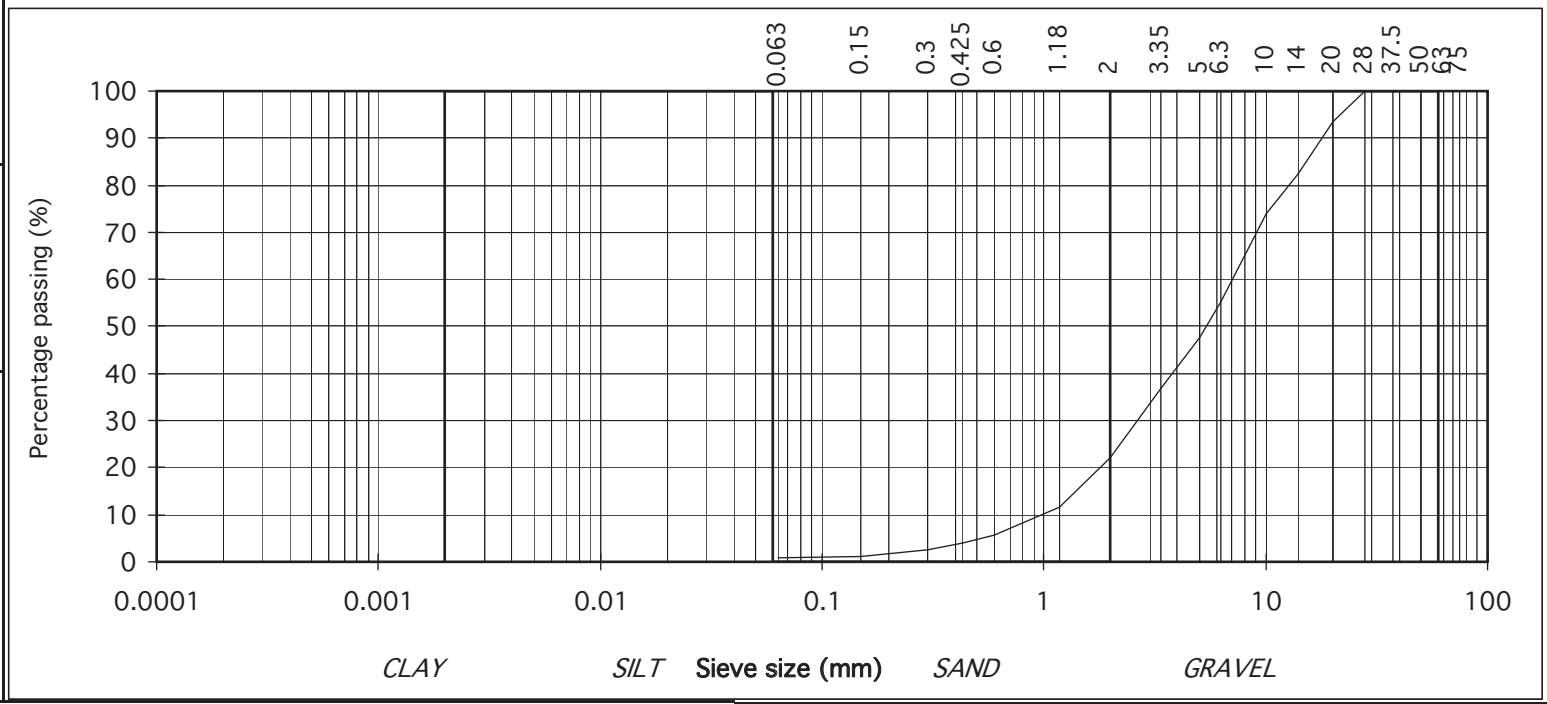
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	93	
14	82	
10	74	
6.3	55	
5	47	
3.35	37	
2	22	
1.18	12	SAND
0.6	6	
0.425	4	
0.3	2	
0.15	1	
0.063	1	SILT/CLAY

Contract No.	22734	Report No.	R116137
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH211		
Sample No.	AA146482	Lab. Sample No.	A20/4570
Sample Type:	B		
Depth (m)	12.00	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown slightly clayey/silty, very sandy, GRAVEL		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

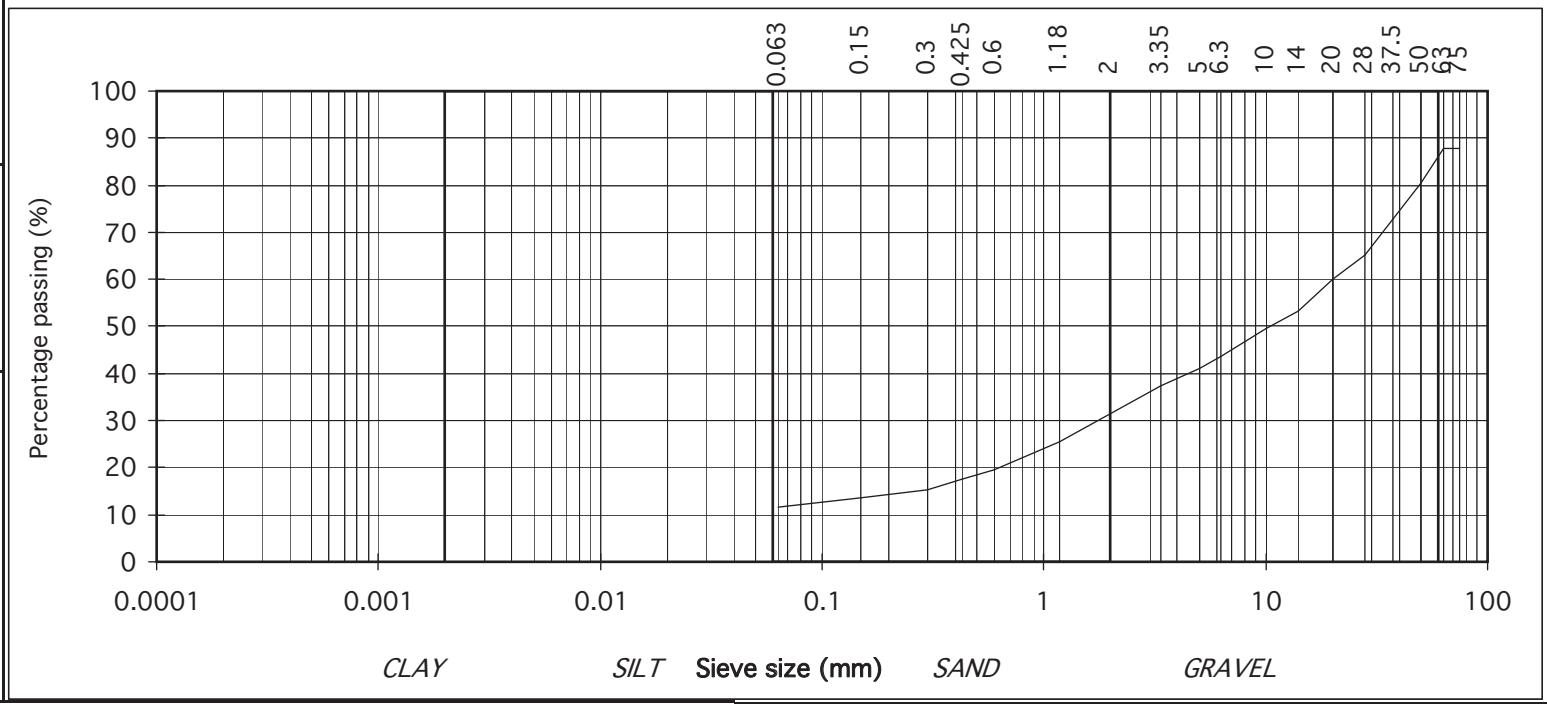
particle size	% passing	
75	88	COBBLES
63	88	
50	81	GRAVEL
37.5	73	
28	65	
20	60	
14	53	
10	50	
6.3	44	
5	41	
3.35	37	
2	31	
1.18	26	SAND
0.6	20	
0.425	18	
0.3	15	
0.15	14	
0.063	12	SILT/CLAY

Contract No.	22734	Report No.	R116117
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH213		
Sample No.	AA146603	Lab. Sample No.	A20/4574
Sample Type:	B		
Depth (m)	3.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	12/10/2020
Description:	Brown clayey/silty, sandy, GRAVEL with some cobbles		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.

Sample size did not meet the requirements of BS1377



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	22/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

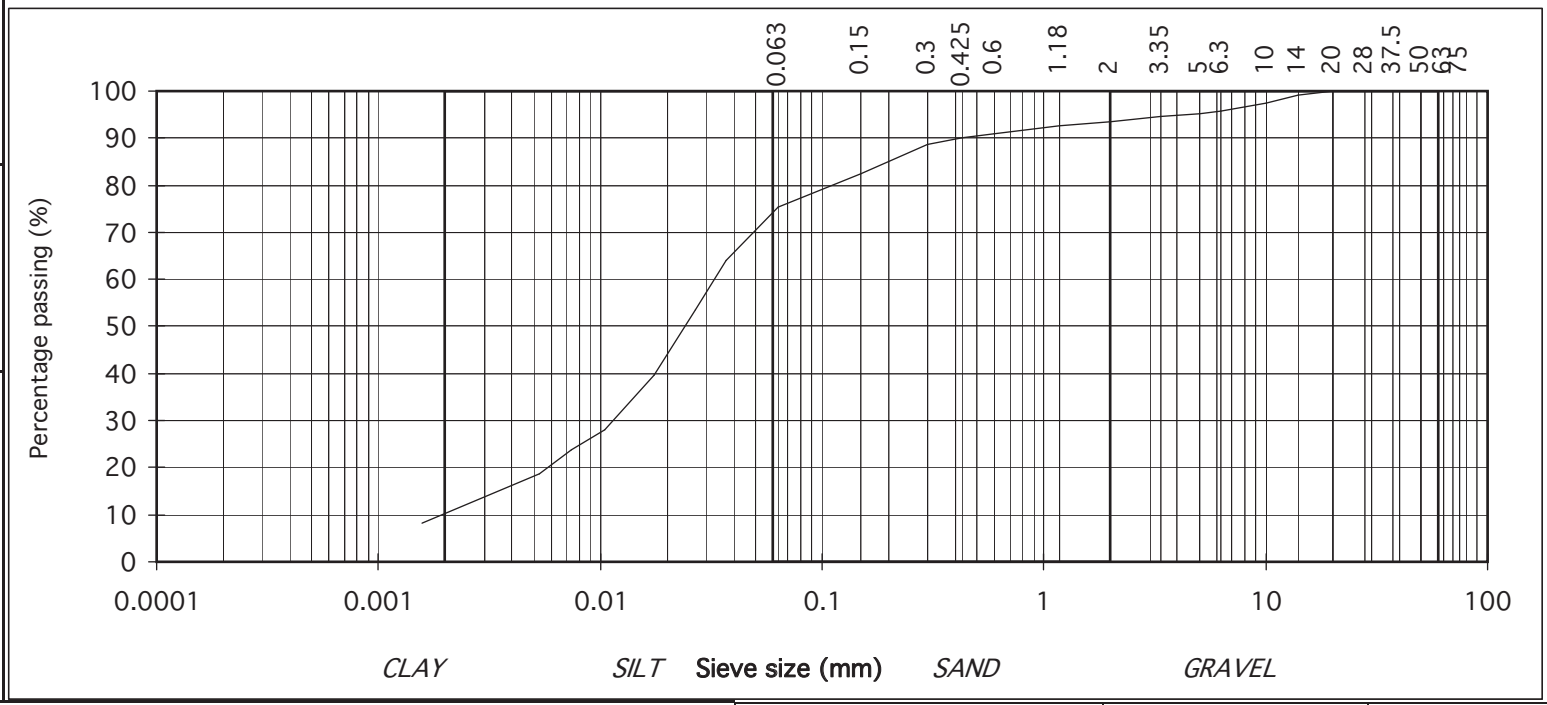
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	99	
10	97	
6.3	96	
5	95	
3.35	95	
2	94	
1.18	93	SAND
0.6	91	
0.425	90	
0.3	89	
0.15	82	
0.063	75	SILT/CLAY
0.037	64	
0.027	54	
0.018	40	
0.010	28	
0.007	24	
0.005	19	
0.002	8	

Contract No.	22734	Report No.	R116138
Contract Name:	Harbour , Point , Bray , Co.Wicklow		
BH/TP :	BH213		
Sample No.	AA146607	Lab. Sample No.	A20/4573
Sample Type:	B		
Depth (m)	7.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	12/10/2020
Description:	Brown slightly sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

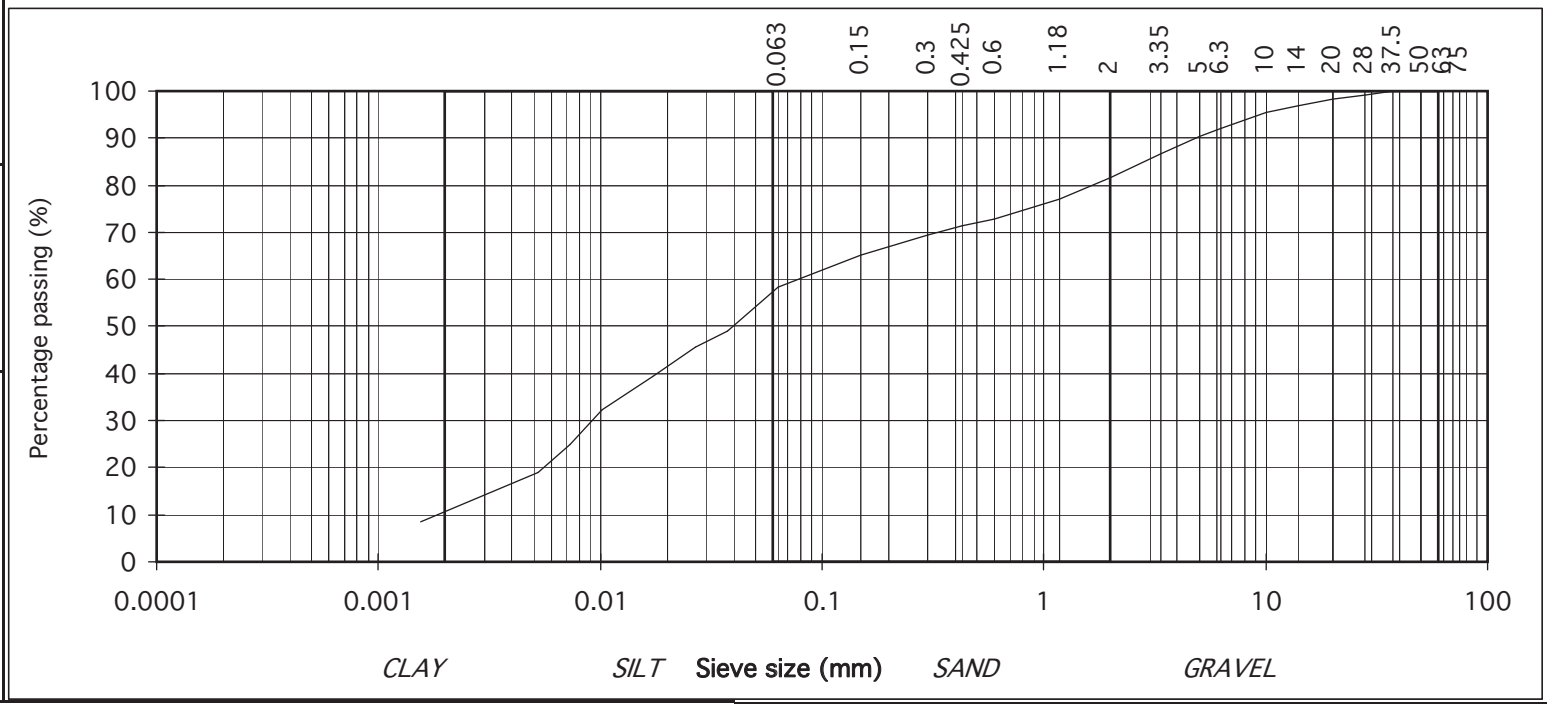
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	99	
20	98	
14	97	
10	96	
6.3	92	
5	90	
3.35	87	
2	82	
1.18	77	SAND
0.6	73	
0.425	71	
0.3	69	
0.15	65	
0.063	58	SILT/CLAY
0.037	49	
0.027	46	
0.017	39	
0.010	32	
0.007	25	
0.005	19	
0.002	8	

Contract No.	22734	Report No.	R116198
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH214		
Sample No.	AA146612	Lab. Sample No.	A20/4577
Sample Type:	B		
Depth (m)	2.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	16/10/2020
Description:	Brown slightly sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	28/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

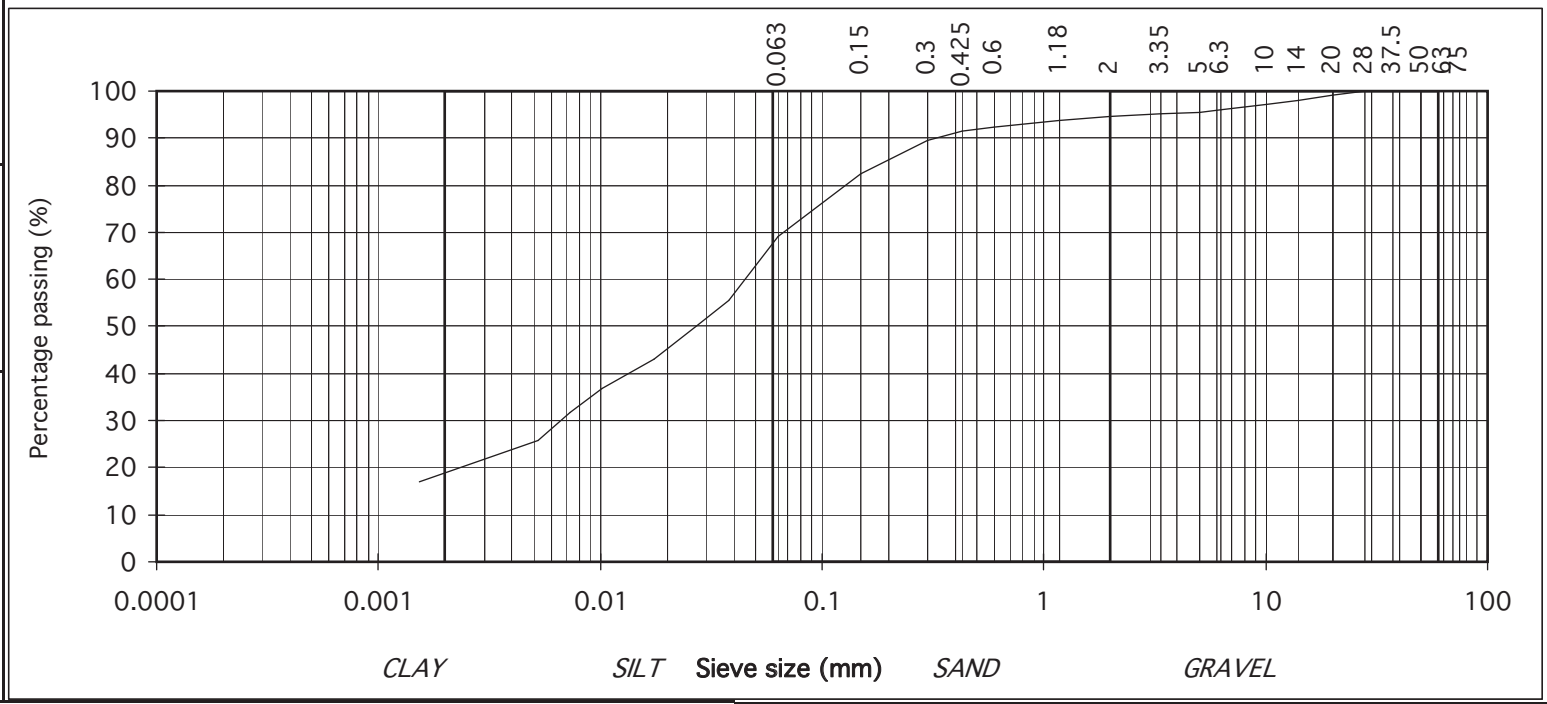
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	99	
14	98	
10	97	
6.3	96	
5	96	
3.35	95	
2	95	
1.18	94	SAND
0.6	92	
0.425	91	
0.3	90	
0.15	82	
0.063	69	SILT/CLAY
0.038	55	
0.027	50	
0.017	43	
0.010	37	
0.007	32	
0.005	26	
0.002	17	

Contract No.	22734	Report No.	R116199
Contract Name:	Harbour , Point , Bray , Co.Wicklow		
BH/TP :	BH216		
Sample No.	AA146621	Lab. Sample No.	A20/4590
Sample Type:	B		
Depth (m)	2.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	16/10/2020
Description:	Brown slightly sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	28/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

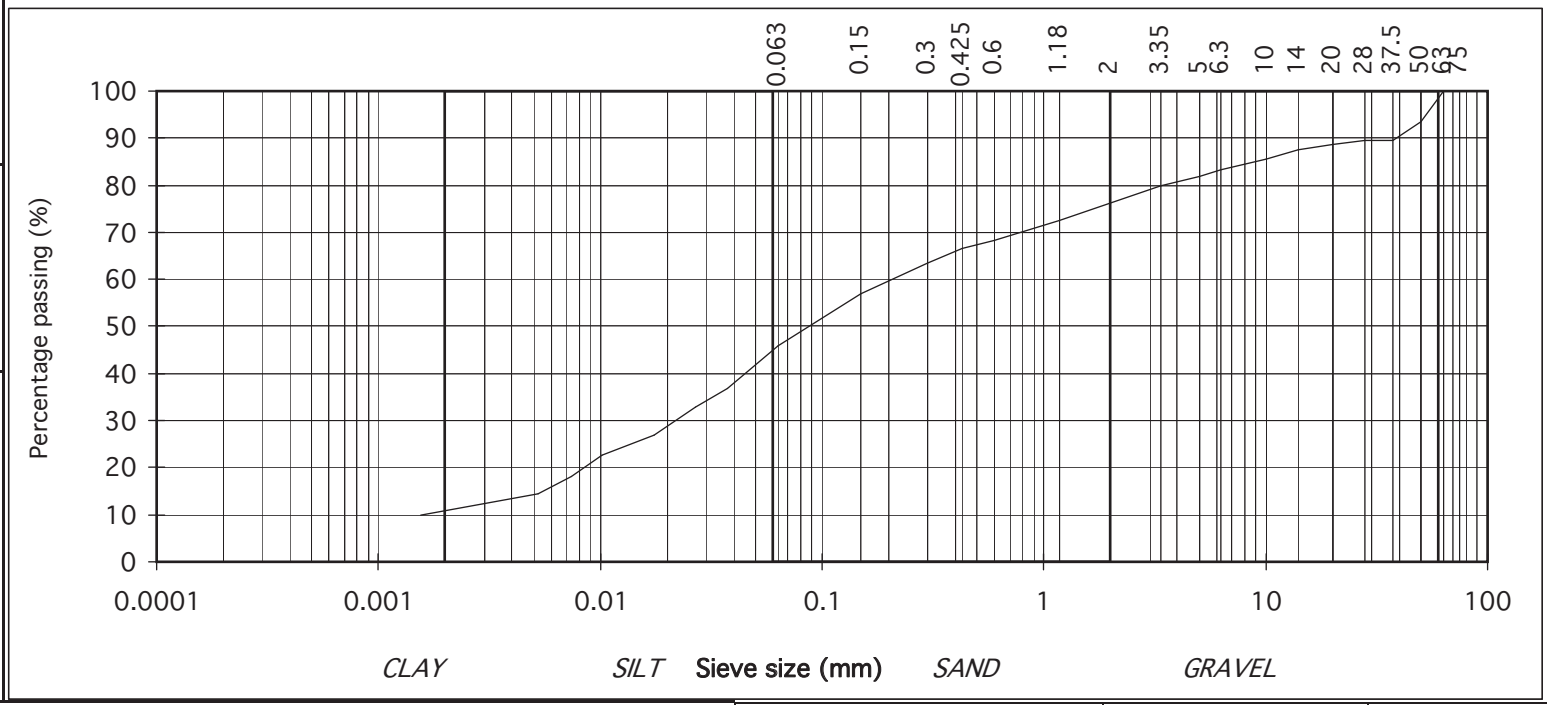
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	93	GRAVEL
37.5	90	
28	90	
20	89	
14	88	
10	86	
6.3	83	
5	82	
3.35	80	
2	76	
1.18	73	SAND
0.6	68	
0.425	66	
0.3	63	
0.15	57	
0.063	46	SILT/CLAY
0.038	37	
0.027	33	
0.017	27	
0.010	23	
0.007	18	
0.005	15	
0.002	10	

Contract No.	22734	Report No.	R116117
Contract Name:	Harbour , Point , Bray , Co.Wicklow		
BH/TP :	BH216		
Sample No.	AA146623	Lab. Sample No.	A20/4592
Sample Type:	B		
Depth (m)	4.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	12/10/2020
Description:	Brown slightly sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	22/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

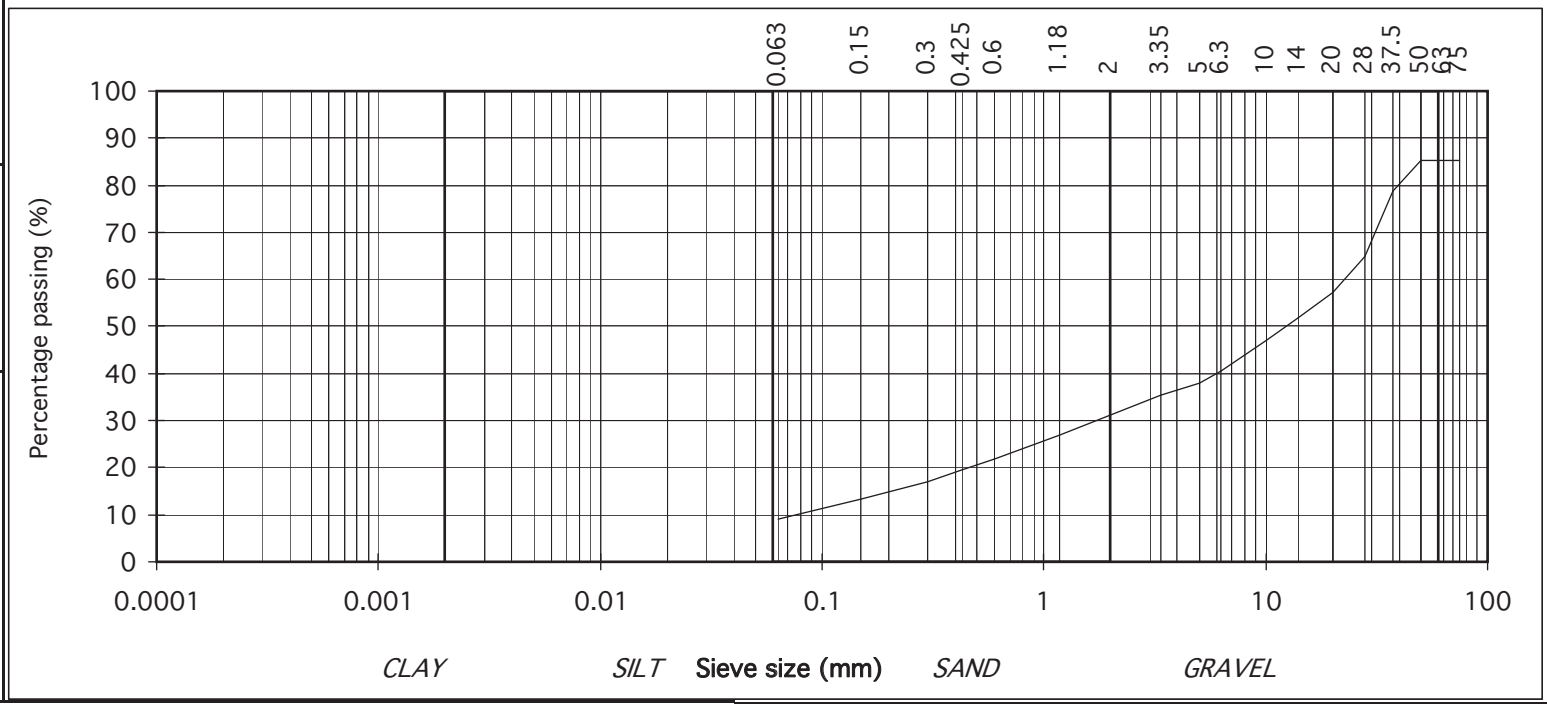
particle size	% passing	
75	85	COBBLES
63	85	
50	85	GRAVEL
37.5	79	
28	65	
20	57	
14	52	
10	47	
6.3	41	
5	38	
3.35	35	
2	31	
1.18	27	SAND
0.6	22	
0.425	20	
0.3	17	
0.15	13	
0.063	9	SILT/CLAY

Contract No.	22734	Report No.	R116438
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH216		
Sample No.	AA146627	Lab. Sample No.	A20/4595
Sample Type:	B		
Depth (m)	8.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	22/10/2020
Description:	Brown clayey/silty, very sandy, GRAVEL with some cobbles		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.

Sample size did not meet the requirements of BS1377



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	03/11/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

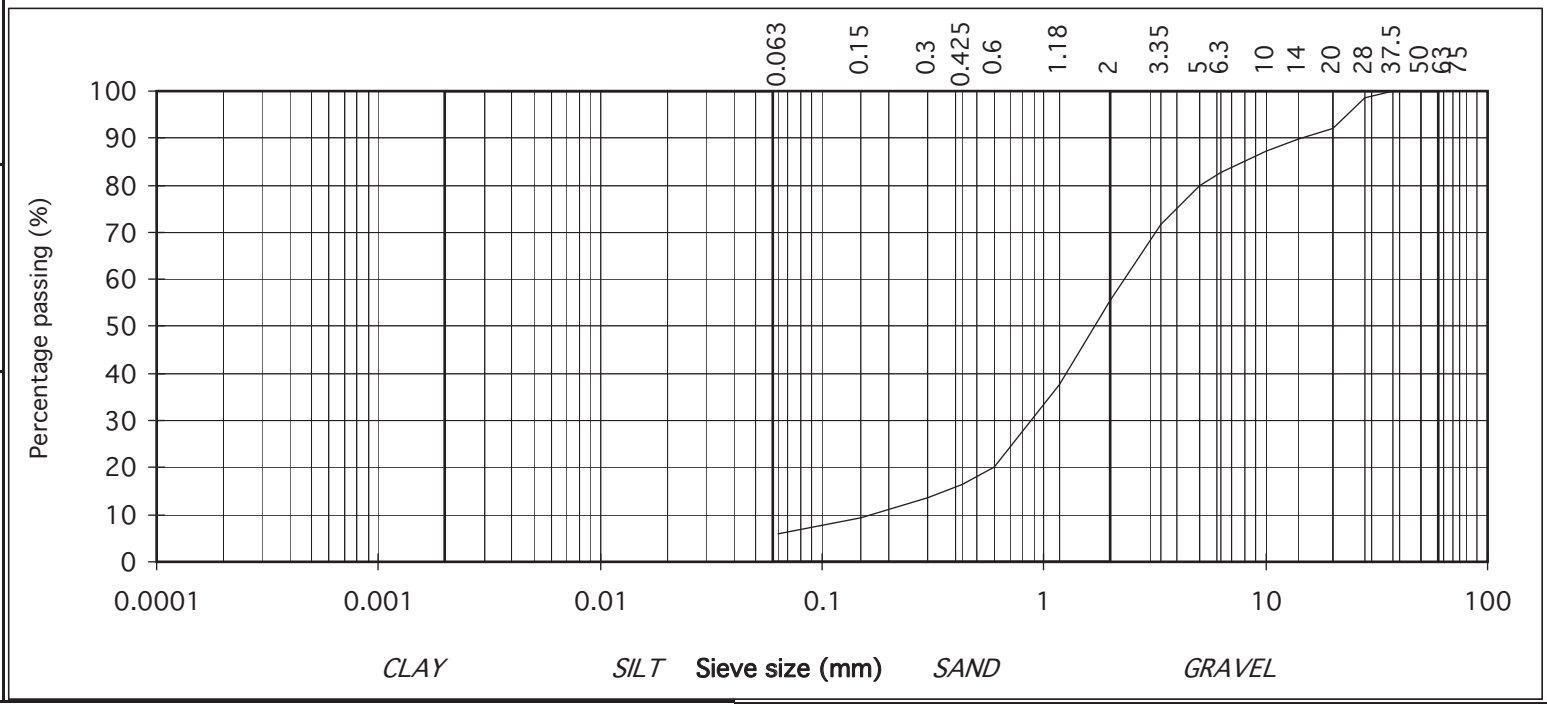
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	98	
20	92	
14	90	
10	87	
6.3	83	
5	80	
3.35	72	
2	56	
1.18	38	SAND
0.6	20	
0.425	16	
0.3	13	
0.15	9	
0.063	6	SILT/CLAY

Contract No.	22734	Report No.	R116139
Contract Name:	Harbour , Point , Bray , Co.Wicklow		
BH/TP :	BH221		
Sample No.	AA141638	Lab. Sample No.	A20/4604
Sample Type:	B		
Depth (m)	12.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Brown clayey/silty, very gravelly, SAND		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

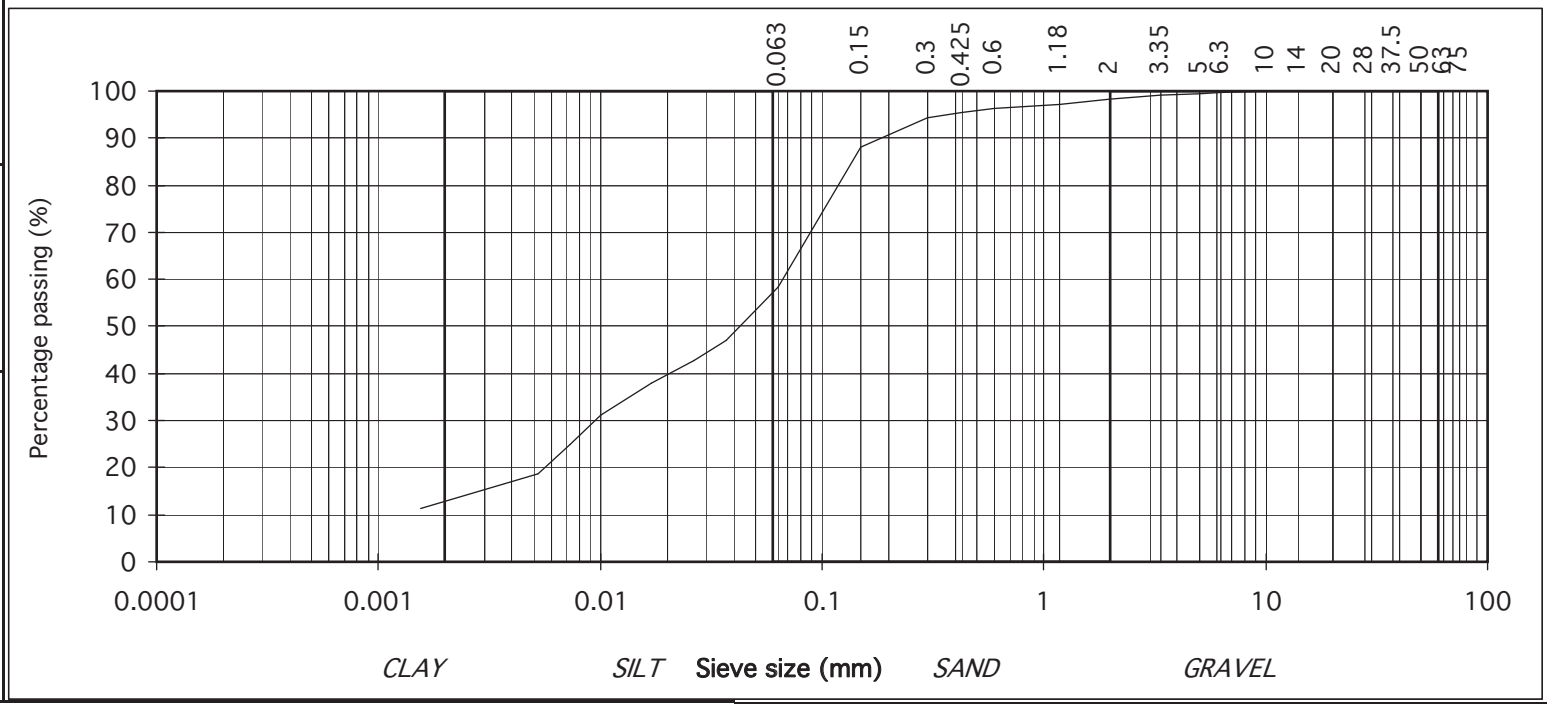
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	100	
10	100	
6.3	100	
5	100	
3.35	99	
2	98	
1.18	97	SAND
0.6	96	
0.425	95	
0.3	94	
0.15	88	
0.063	58	SILT/CLAY
0.037	47	
0.027	43	
0.017	38	
0.010	31	
0.007	25	
0.005	19	
0.002	11	

Contract No.	22734	Report No.	R116140
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH222A		
Sample No.	AA141620	Lab. Sample No.	A20/4609
Sample Type:	B		
Depth (m)	6.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Grey sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

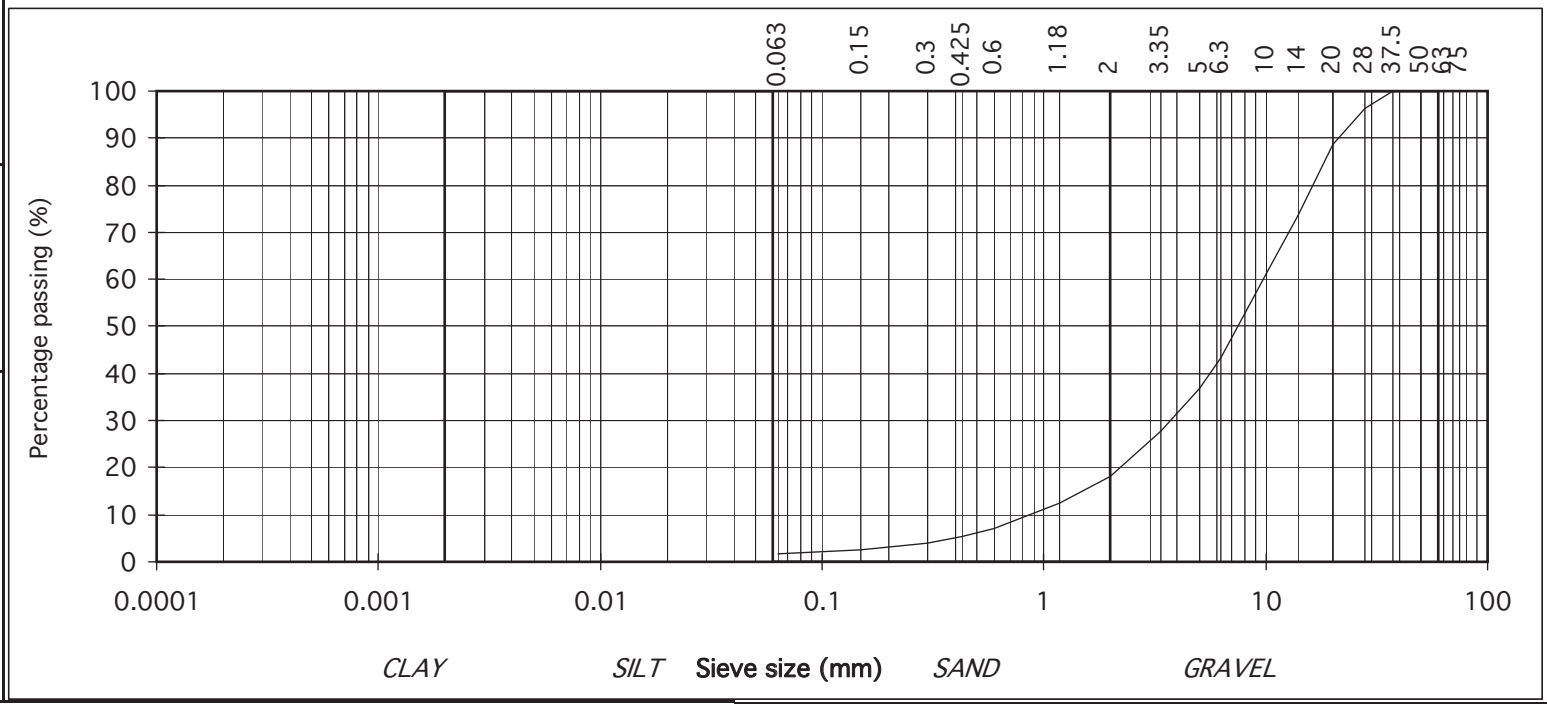
TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	96	
20	89	
14	74	
10	61	
6.3	43	
5	37	
3.35	28	
2	18	
1.18	12	SAND
0.6	7	
0.425	5	
0.3	4	
0.15	3	
0.063	2	SILT/CLAY

Contract No.	22734	Report No.	R116141
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH222A		
Sample No.	AA141626	Lab. Sample No.	A20/4612
Sample Type:	B		
Depth (m)	12.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	14/10/2020
Description:	Grey slightly clayey/silty, sandy, GRAVEL		
Remarks	Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.		



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	23/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116071** Contract No. 22734 Contract Name: Harbour Point Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 09/10/20 Date Tested: 13/10/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
TP201	AA137966	0.5	A20/4613	B	9.1								Brown sandy gravelly SILT/CLAY
TP201	AA137967	1.5	A20/4614	B	5.6								Brown slightly clayey/silty, sandy, GRAVEL
TP202	AA137965	2.5	A20/4615	B	4.0								Brown slightly clayey/silty, very sandy, GRAVEL with some cobbles
TP203	AA137973	1.5	A20/4616	B	4.9								Brown slightly clayey/silty, very sandy, GRAVEL with some cobbles
TP204	AA137969	0.5	A20/4617	B	9.0	39	NP	NP	28	WS	4.4		Brown sandy gravelly SILT
TP204	AA137971	2.5	A20/4618	B	5.1								Brown slightly clayey/silty, sandy, GRAVEL
TP205	AA137961	1.5	A20/4619	B	5.1								Brown slightly clayey/silty, very sandy, GRAVEL
TP207	AA137957	0.5	A20/4620	B	14								Brown sandy gravelly SILT/CLAY
TP207	AA137958	1.5	A20/4621	B	5.1								Brown silty/clayey gravelly SAND
TP208	AA137954	0.5	A20/4622	B	21	60	NP	NP	44	WS	4.4		Brown sandy gravelly SILT
TP208	AA137955	1.5	A20/4623	B	11								Brown clayey/silty, very sandy, GRAVEL
TP209	AA137976	1.0	A20/4624	B	16	30	NP	NP	63	WS	4.4		Brown sandy gravelly SILT
TP209	AA137977	1.5	A20/4625	B	19	46	17	29	90	WS	4.4	C I	Brown sandy gravelly CLAY
TP210	AA148851	0.5	A20/4627	B	22	51	NP	NP	40	WS	4.4		Brown sandy gravelly SILT
TP210	AA148853	2.5	A20/4629	B	16	45	19	26	96	WS	4.4	C I	Brown sandy gravelly CLAY

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by: H Byrne
Date: 10/11/20
Page: 1 of 1

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

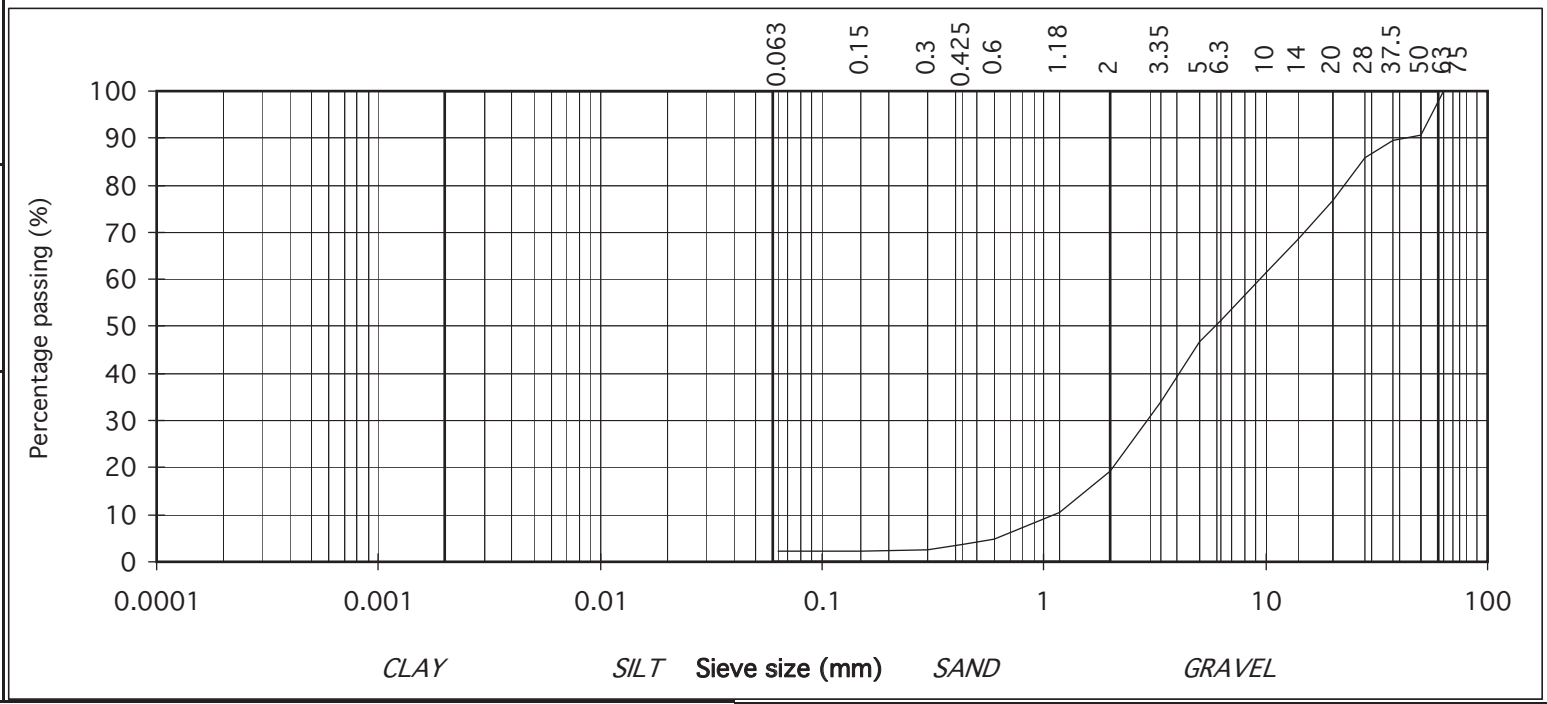
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	91	GRAVEL
37.5	90	
28	86	
20	77	
14	69	
10	61	
6.3	51	
5	47	
3.35	34	
2	19	
1.18	11	SAND
0.6	5	
0.425	4	
0.3	2	
0.15	2	
0.063	2	SILT/CLAY

Contract No. 22734 Report No. R116109
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : TP201
Sample No. AA137967 Lab. Sample No. A20/4614
Sample Type: B
Depth (m) 1.50 Customer: Ballymore Group / Atkins C.E
Date Received 09/10/2020 Date Testing started 13/10/2020
Description: Brown slightly clayey/silty, sandy, GRAVEL

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	21/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

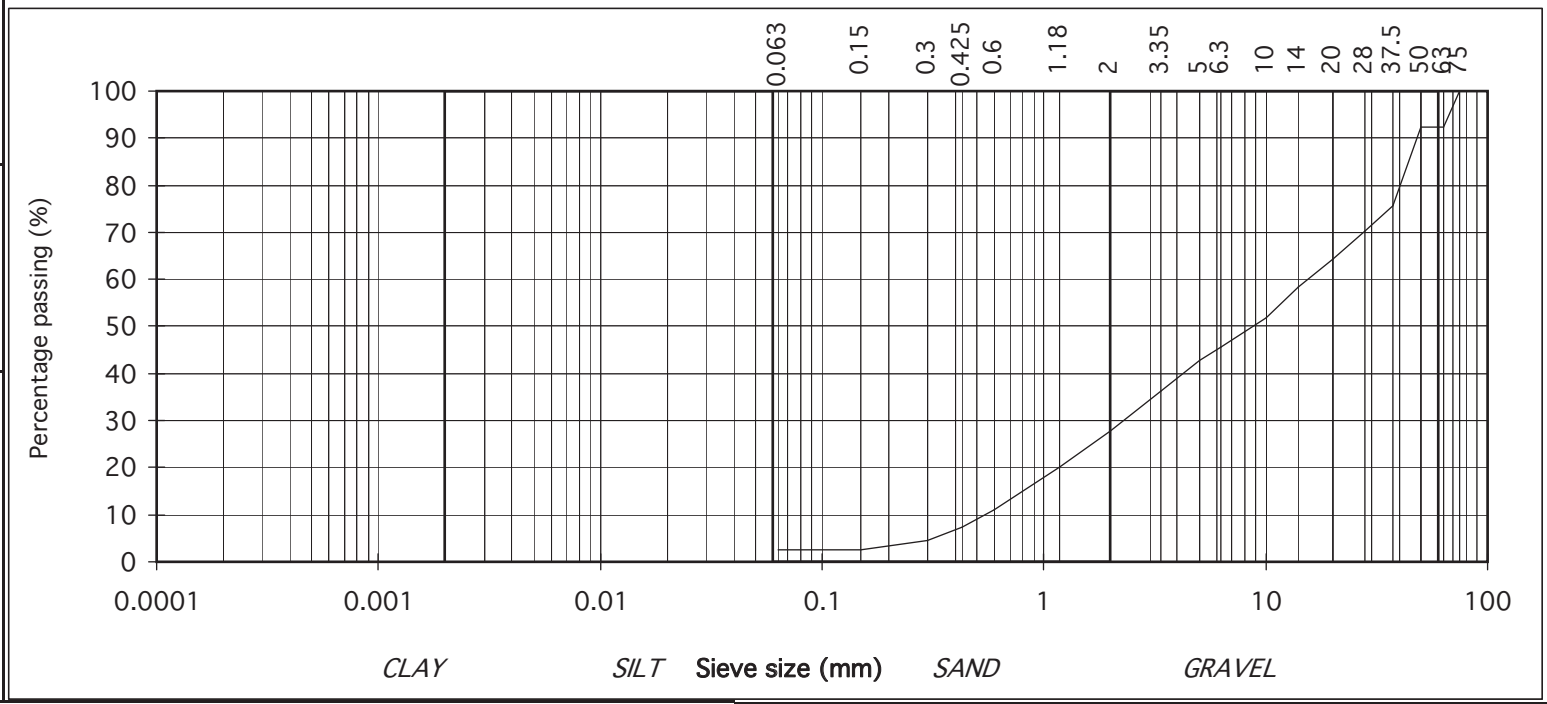
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	92	
50	92	GRAVEL
37.5	76	
28	70	
20	64	
14	58	
10	52	
6.3	46	
5	43	
3.35	36	
2	28	
1.18	20	SAND
0.6	11	
0.425	7	
0.3	5	
0.15	3	
0.063	3	SILT/CLAY

Contract No.	22734	Report No.	R116195
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	TP202		
Sample No.	AA137965	Lab. Sample No.	A20/4615
Sample Type:	B		
Depth (m)	2.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	16/10/2020
Description:	Brown slightly clayey/silty, very sandy, GRAVEL with some cobbles		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	28/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

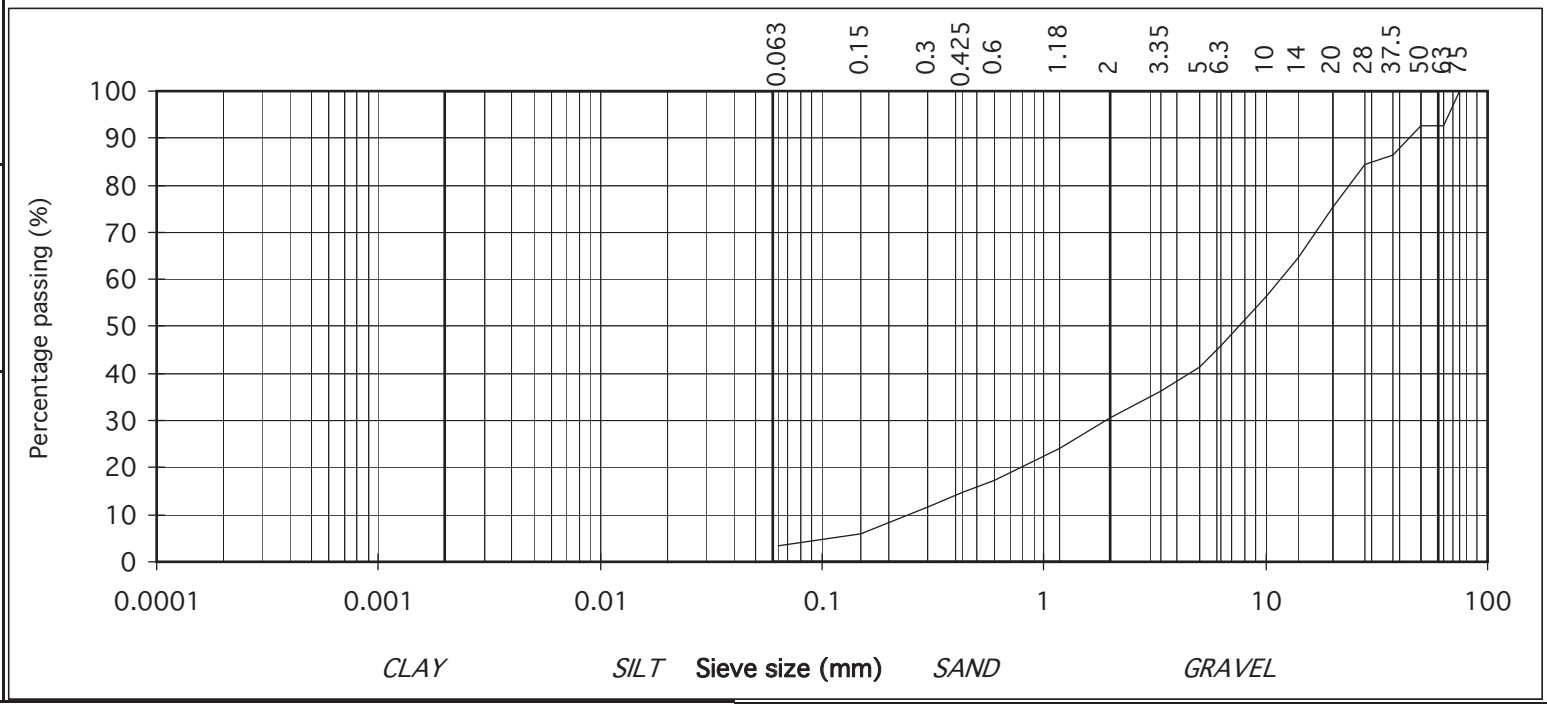
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

ISO 17025 IVNAB ACCREDITED TESTING DETAILED IN SCOPE REG NO. 13ST

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	93	
50	93	GRAVEL
37.5	86	
28	84	
20	75	
14	65	
10	56	
6.3	46	
5	41	
3.35	36	
2	30	
1.18	24	SAND
0.6	17	
0.425	15	
0.3	12	
0.15	6	
0.063	4	SILT/CLAY

Contract No.	22734	Report No.	R116110
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	TP203		
Sample No.	AA137973	Lab. Sample No.	A20/4616
Sample Type:	B		
Depth (m)	1.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	13/10/2020
Description:	Brown slightly clayey/silty, very sandy, GRAVEL with some cobbles		
Remarks	Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.		



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	21/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

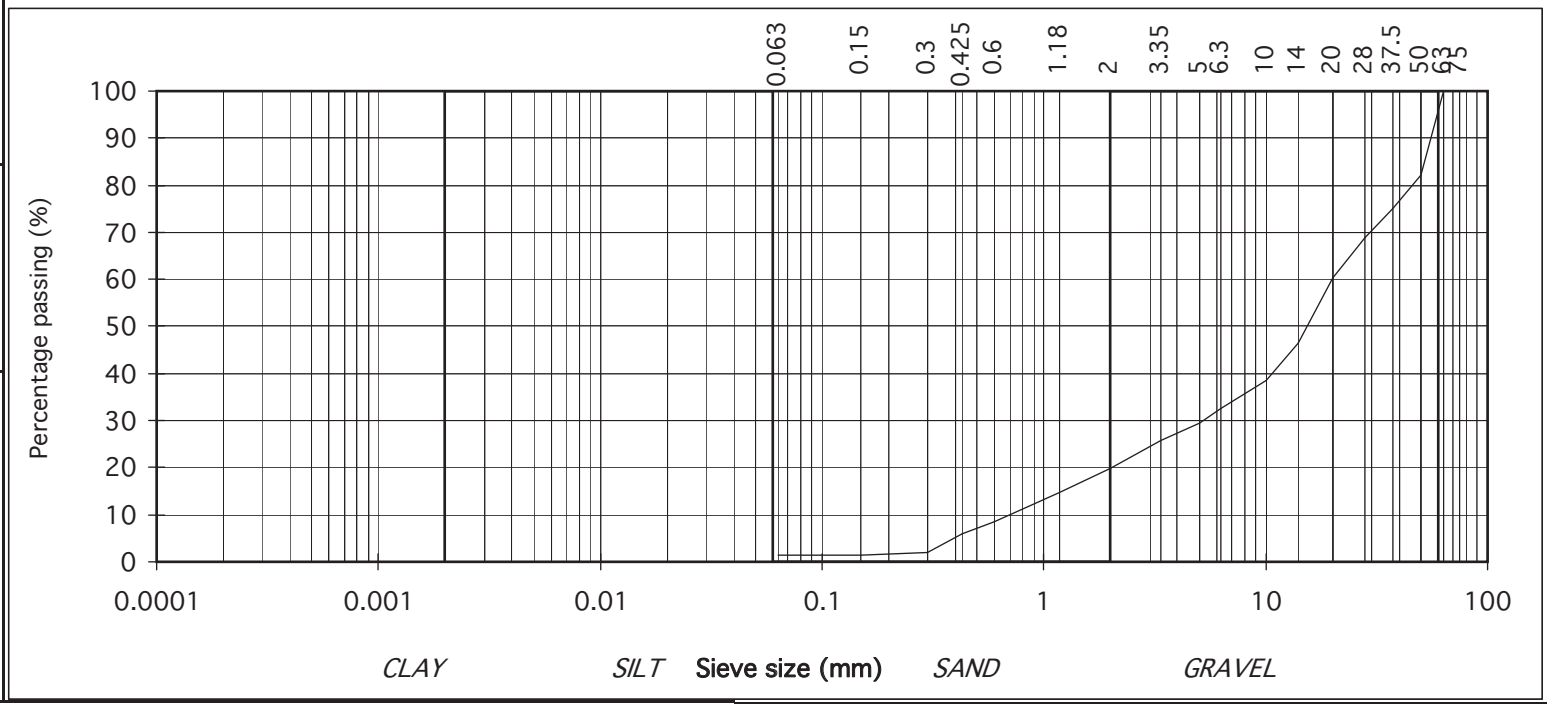
particle size	% passing	
75	100	COBBLES
63	100	
50	82	GRAVEL
37.5	75	
28	69	
20	60	
14	46	
10	39	
6.3	32	
5	29	
3.35	26	
2	20	
1.18	15	SAND
0.6	8	
0.425	6	
0.3	2	
0.15	1	
0.063	1	SILT/CLAY

Contract No.	22734	Report No.	R116111
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	TP204		
Sample No.	AA137971	Lab. Sample No.	A20/4618
Sample Type:	B		
Depth (m)	2.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	13/10/2020
Description:	Brown slightly clayey/silty, sandy, GRAVEL		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.

Sample size did not meet the requirements of BS1377



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	21/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

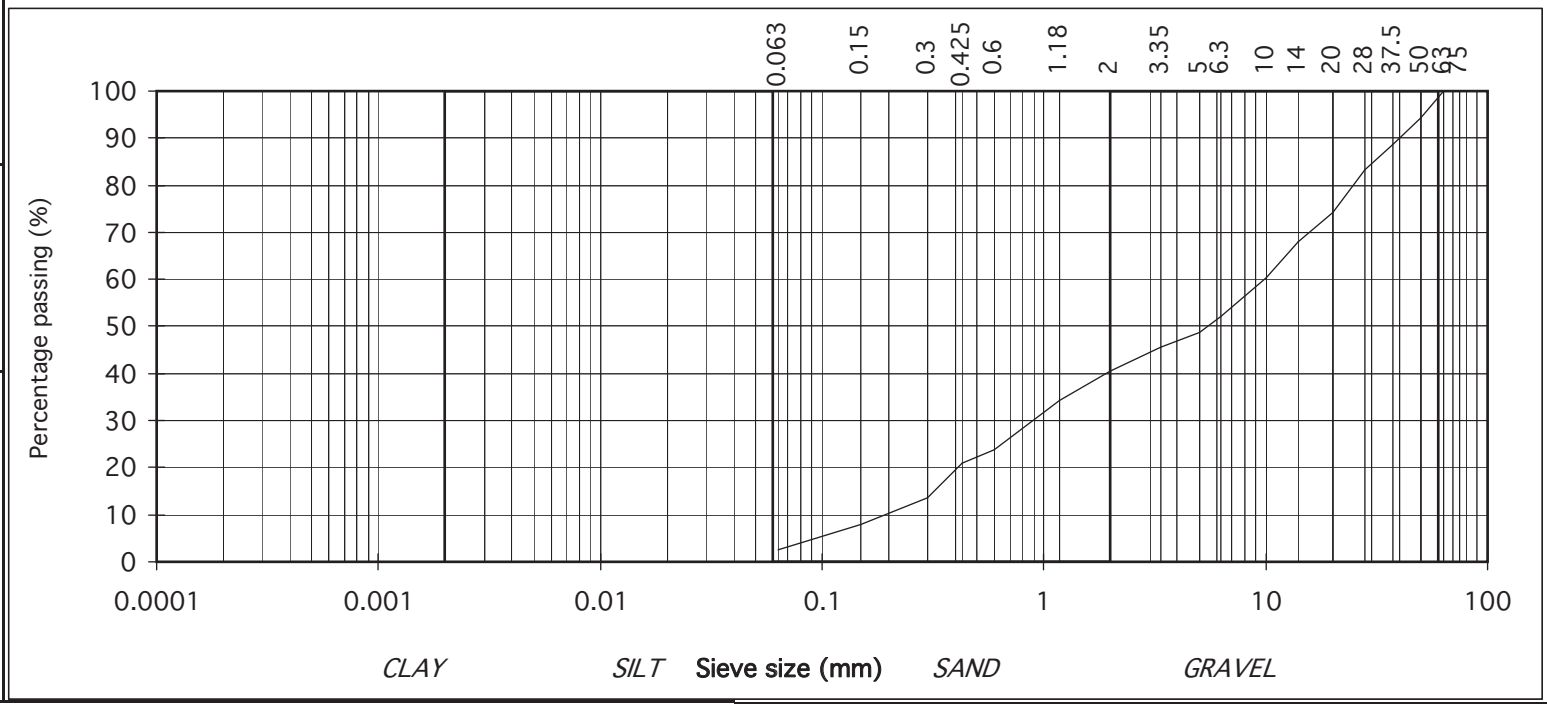
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	94	GRAVEL
37.5	89	
28	83	
20	74	
14	68	
10	60	
6.3	52	
5	49	
3.35	46	
2	40	
1.18	34	SAND
0.6	24	
0.425	21	
0.3	14	
0.15	8	
0.063	2	SILT/CLAY

Contract No. 22734 Report No. R116112
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : TP205
Sample No. AA137961 Lab. Sample No. A20/4619
Sample Type: B
Depth (m) 1.50 Customer: Ballymore Group / Atkins C.E
Date Received 09/10/2020 Date Testing started 13/10/2020
Description: Brown slightly clayey/silty, very sandy, GRAVEL

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	21/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

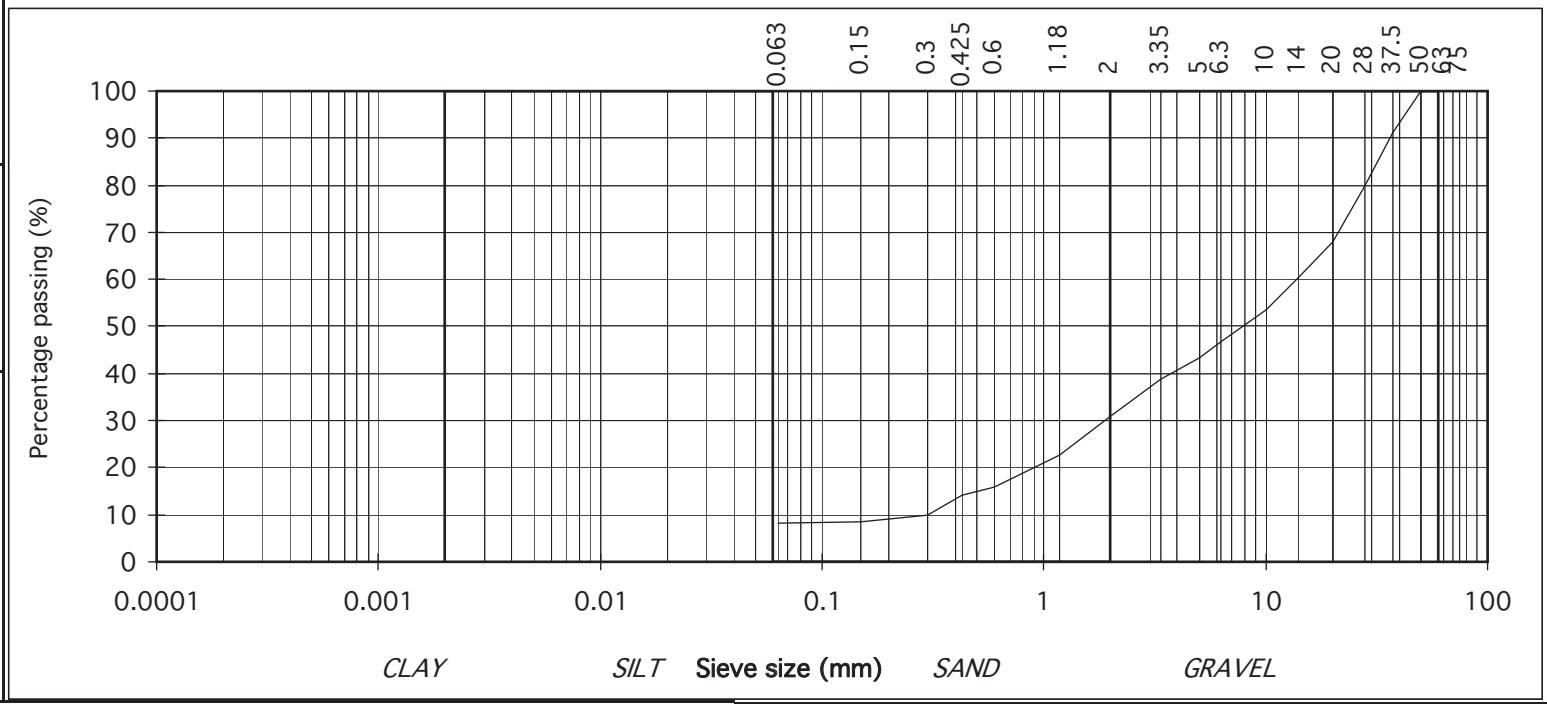
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	91	
28	80	
20	68	
14	60	
10	53	
6.3	47	
5	43	
3.35	39	
2	31	
1.18	23	SAND
0.6	16	
0.425	14	
0.3	10	
0.15	8	
0.063	8	SILT/CLAY

Contract No.	22734	Report No.	R116113
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	TP208		
Sample No.	AA137955	Lab. Sample No.	A20/4623
Sample Type:	B		
Depth (m)	1.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	13/10/2020
Description:	Brown clayey/silty, very sandy, GRAVEL		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	21/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

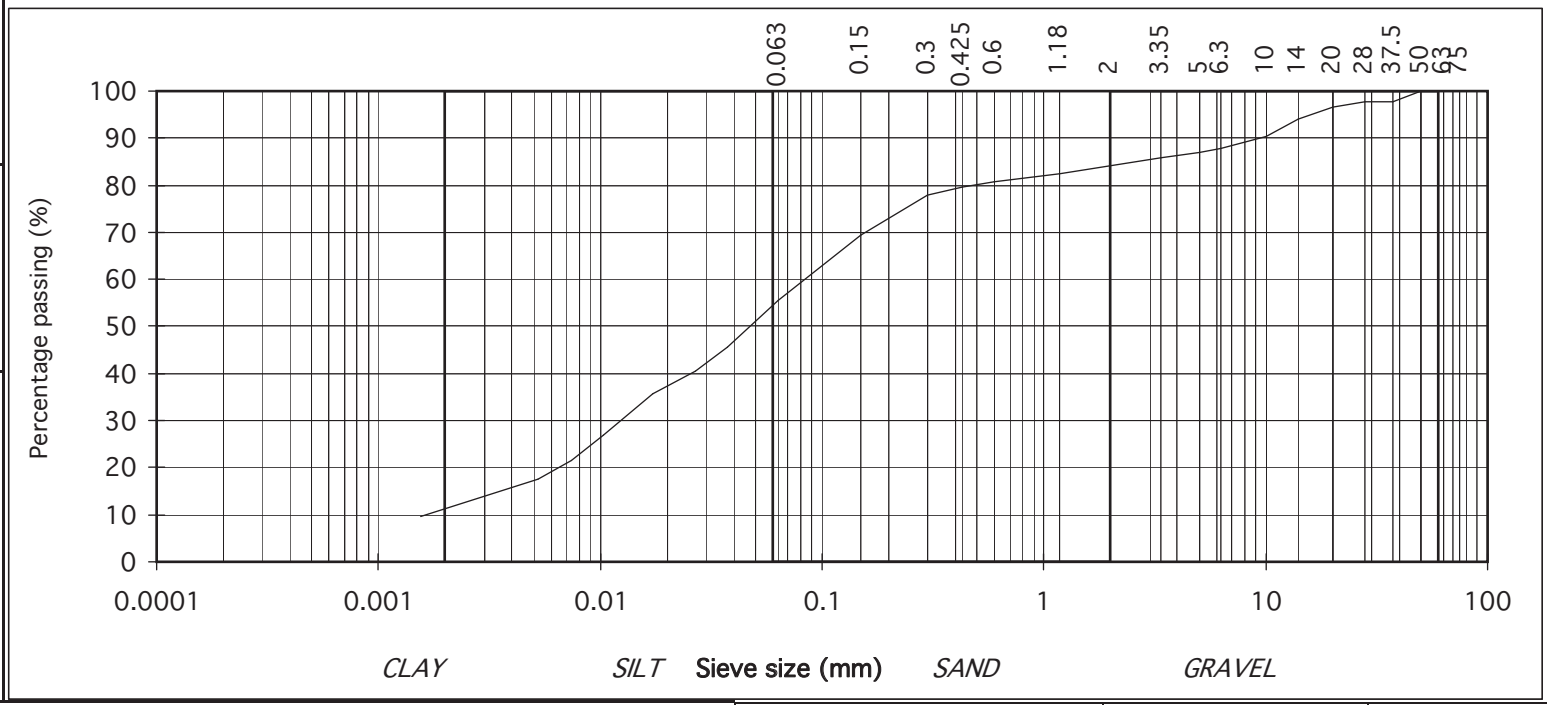
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	98	
28	98	
20	97	
14	94	
10	90	
6.3	88	
5	87	
3.35	86	
2	84	
1.18	83	SAND
0.6	81	
0.425	80	
0.3	78	
0.15	69	
0.063	55	SILT/CLAY
0.038	45	
0.027	41	
0.017	36	
0.010	27	
0.007	22	
0.005	17	
0.002	10	

Contract No.	22734	Report No.	R116114
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	TP209		
Sample No.	AA137978	Lab. Sample No.	A20/4626
Sample Type:	B		
Depth (m)	2.50	Customer:	Ballymore Group / Atkins C.E
Date Received	09/10/2020	Date Testing started	13/10/2020
Description:	Brown slightly sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	21/10/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

IGSL Ltd
Materials Laboratory
M7 Business Park
Naas Co.Kildare
045 846176

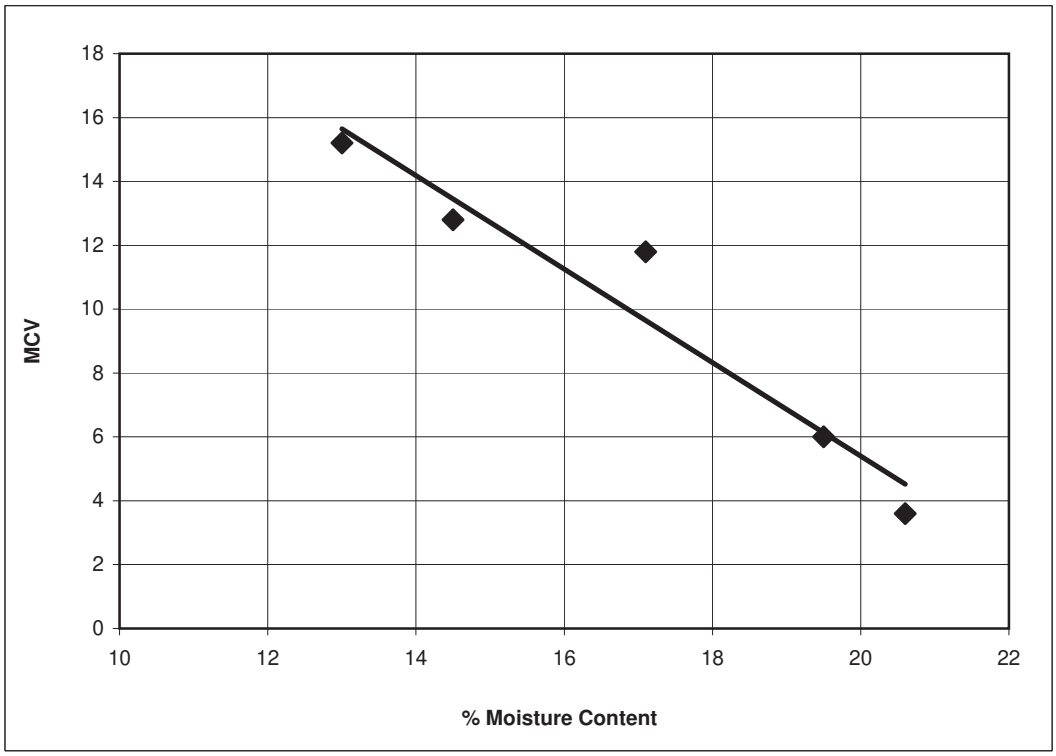
TEST REPORT
Determination of MCV / moisture content Relation of a soil

Tested in accordance with BS1377-4:1990, clause 5.5

RECEIVED: 24/03/2025

Report No.	R116200	Contract	Harbour Point Bray, Co.Wicklow
Contract No.	22734	Customer	Ballymore Group / Atkins
Date received	09/10/20	Date Tested	19/10/20
BH/TP No.	TP210	Sample No.	AA148852 Type: B
Depth (m)	1.50	Lab sample No.	A20/4628

MC%	13	15	17	20	21
MCV	15.2	12.8	11.8	6	3.6



% material >20mm 2.6

Persons authorized to approve reports

J Barrett (Quality Manager)
H Byrne (Laboratory Manager)

IGSL Ltd Materials Laboratory

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IGSL Ltd
Materials Laboratory
M7 Business Park
Naas
Co. Kildare

Test Report

Dry Density/Moisture Content Relationship

Tested in accordance with BS1377:Part 4:1990

ISO 17025 IVNAB ACCREDITED TESTING DETAILED IN SCOPE REG NO. 133T

RECEIVED: 24/03/2025

Report No. R116201 Contract No. 22734

Contract Name: Harbour Point Bray, Co.Wicklow

Lab Contract No. Location: TP202

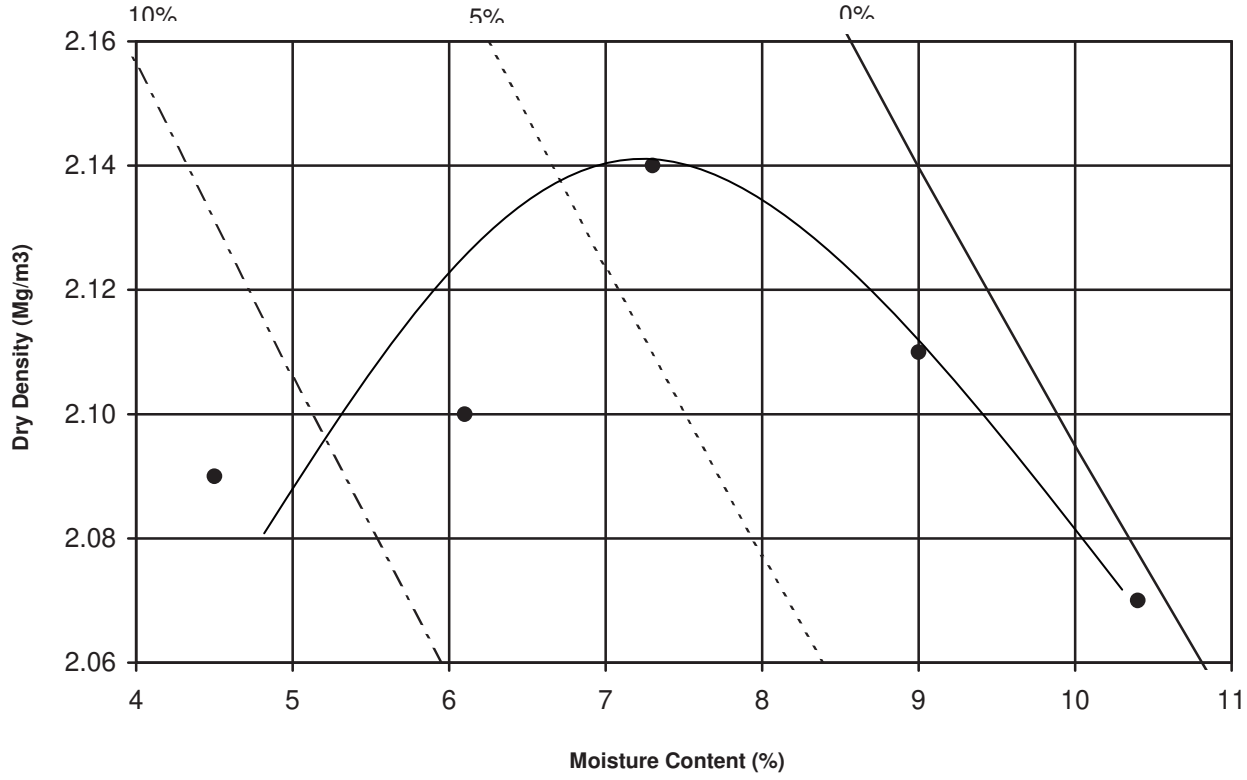
Sample No. AA137964 Depth (m) 1.5 Material Type B

Lab sample no. A20/5422 Customer: Ballymore Group/Atkins

Date Received: 09/10/2020 Test Method: 2.5 KG Rammer

Date Tested: 22/10/2020 BS1377:Part 4:1990 3.3

Dry Density (Mg/m^3)	2.09	2.10	2.14	2.11	2.07	0.00	
Moisture Content (%)	4.5	6.1	7.3	9.0	10	0	



Maximum Dry Density (Mg/m^3): 2.14 Optimum Moisture Content (%): 7

Description: Grey/brown silty/clayey gravelly SAND

Sample Preparation: Material passing 20mm ~~Single~~ / Separate samples used

Particle Density (Mg/m^3): 2.65 Particle Density: Assumed

% retained on 20/37.5mm sieve: 2.4

The result relates to the specimen tested.
Opinions and interpretations are outside the scope of accreditation

Persons authorised to approve reports
J Barrett (Quality Manager)
H Byrne (Laboratory Manager)

IGSL Materials Laboratory	Approved by	Date	Page
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IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116677** Contract No. 22734 Contract Name: Harbour Point , Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 20/10/20 Date Tested: 05/11/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
BH203	AA139451	1.0	A20/5611	B	17	34	16	18	71	WS	4.4	C L	Brown sandy gravelly CLAY
BH203	AA139455	5.0	A20/5613	B	17	46	17	29	98	WS	4.4	C I	Brown sandy gravelly CLAY
BH203	AA139456	6.0	A20/5614	B	27	41	15	26	99	WS	4.4	C I	Brown sandy CLAY
BH203	AA139458	8.0	A20/5615	B	8.4	36	18	18	18	WS	4.4	C I	Brown sandy clayey GRAVEL
BH218	AA141678	1.5	A20/5616	B	11	45	22	23	25	WS	4.4	C I	Brown sandy gravelly CLAY
BH218	AA141691	8.5	A20/5619	B	26	41	NP	NP	97	WS	4.4		Brown sandy SILT
BH218	AA141694	9.5	A20/5620	B	41	50	NP	NP	98	WS	4.4		Grey slightly sandy, slightly gravelly, SILT
BH218	AA141700	12.5	A20/5621	B	59	51	NP	NP	93	WS	4.4		Mottled grey sandy SILT
BH212	AA141645	1.5	A20/5622	B	12	37	NP	NP	29	WS	4.4		Brown very sandy gravelly SILT
BH212	AA141647	2.5	A20/5623	B	26								Brown slightly sandy, slightly gravelly, SILT/CLAY
BH212	AA141649	3.5	A20/5624	B	18								Brown sandy gravelly SILT/CLAY
BH217	AA146655	0.5	A20/5625	B	18	35	16	19	72	WS	4.4	C L	Brown sandy gravelly CLAY
BH217	AA146657	3.5	A20/5626	B	25	34	NP	NP	98	WS	4.4		Brown sandy, SILT
BH217	AA146661	5.5	A20/5627	B	24								Brown sandy SILT/CLAY
BH217	AA146665	7.5	A20/5628	B	16	29	NP	NP	72	WS	4.4		Brown sandy gravelly SILT

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by	Date	Page
H Byrne	23/11/20	1 of 1

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116678** Contract No. 22734 Contract Name: Harbour Point , Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 20/10/20 Date Tested: 05/11/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
BH217	AA146667	8.5	A20/5629	B	16	35	NP	NP	74	WS	4.4		Brown slightly sandy, slightly gravelly, SILT
BH217	AA146671	10.5	A20/5630	B	19	43	17	26	80	WS	4.4	C I	Brown sandy gravelly CLAY
BH219	AA146680	3.5	A20/5631	B	11	45	NP	NP	35	WS	4.4		Brown silty, very sandy, GRAVEL with some cobbles
BH219	AA146682	4.5	A20/5632	B	12	45	21	24	30	WS	4.4	C I	Brown sandy gravelly CLAY
BH219	AA146686	6.5	A20/5633	B	26								Brown sandy SILT/CLAY
BH219	AA146688	7.5	A20/5634	B	19	44	NP	NP	74	WS	4.4		Brown slightly sandy, slightly gravelly, SILT
BH219	AA146690	8.5	A20/5635	B	13	26	13	13	71	WS	4.4	C L	Brown sandy gravelly CLAY
BH219	AA146692	9.5	A20/5636	B	15								Brown sandy gravelly SILT/CLAY
BH219	AA146694	10.5	A20/5637	B	26								Mottled brown sandy SILT/CLAY
BH223	AA183903	1.5	A20/4638	B	19	43	NP	NP	50	WS	4.4		Brown sandy gravelly SILT
BH223	AA183905	2.5	A20/5639	B	11								Brown clayey/silty, sandy, GRAVEL with many cobbles
BH223	AA183907	3.5	A20/5640	B	20								Grey sandy gravelly SILT/CLAY
BH223	AA183911	5.5	A20/5641	B	61	68	NP	NP	98	WS	4.4		Grey sandy SILT
BH223	AA183915	7.5	A20/5642	B	61	47	NP	NP	97	WS	4.4		Grey sandy SILT
BH223	AA183917	8.5	A20/5643	B	20								Brown slightly sandy, slightly gravelly, SILT/CLAY

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

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H Byrne	19/11/20	1 of 1

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116679** Contract No. 22734 Contract Name: Harbour Point , Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 20/10/20 Date Tested: 05/11/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
BH223	AA183919	9.5	A20/5644	B	59								Grey sandy SILT/CLAY
BH223	AA183921	10.5	A20/5645	B	68								Grey/brown clayey/silty, very gravelly, SAND
BH223	AA183923	11.5	A20/5646	B	15	34	NP	NP	21	WS	4.4		Grey sandy gravelly SILT
BH224	AA139463	2.5	A20/5640	B	19	44	NP	NP	55	WS	4.4		Grey very sandy gravelly SILT
BH224	AA139467	4.5	A20/5648	B	37								Grey sandy, slightly gravelly, SILT/CLAY
BH224	AA139471	6.5	A20/5649	B	40	52	NP	NP	99	WS	4.4		Grey sandy SILT
BH224	AA139475	8.5	A20/5650	B	58								Grey slightly sandy, slightly gravelly, SILT/CLAY

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by	Date	Page
H Byrne	17/11/20	1 of 1

TEST REPORT
Determination of Particle Size Distribution

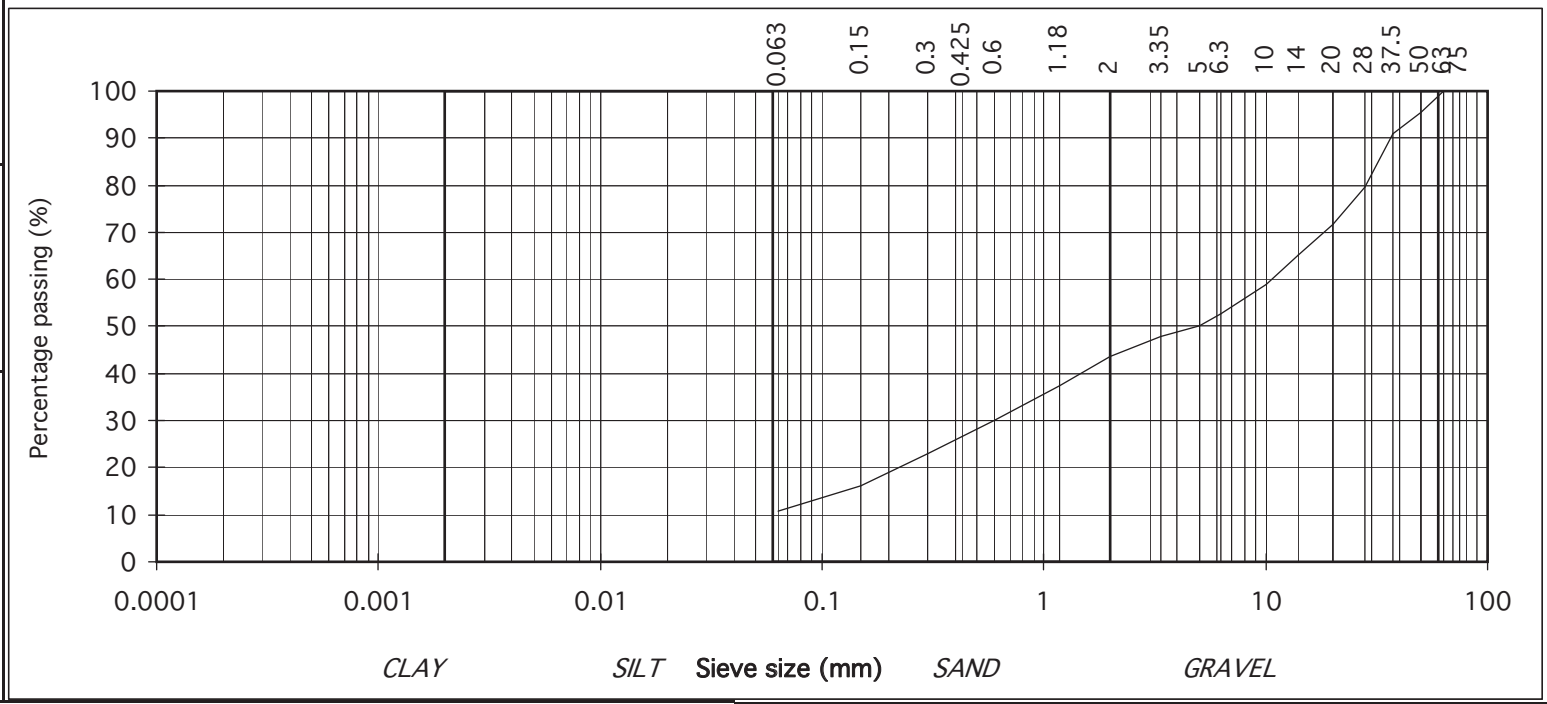
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	96	GRAVEL
37.5	91	
28	80	
20	72	
14	65	
10	59	
6.3	53	
5	50	
3.35	48	
2	44	
1.18	38	SAND
0.6	30	
0.425	27	
0.3	23	
0.15	16	
0.063	11	SILT/CLAY

Contract No. 22734 Report No. R116680
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH203
Sample No. AA139452 Lab. Sample No. A20/5612
Sample Type: B
Depth (m) 2.00 Customer: Ballymore Group / Atkins
Date Received 20/10/2020 Date Testing started 05/11/2020
Description: Brown clayey/silty, very sandy, GRAVEL

Remarks Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

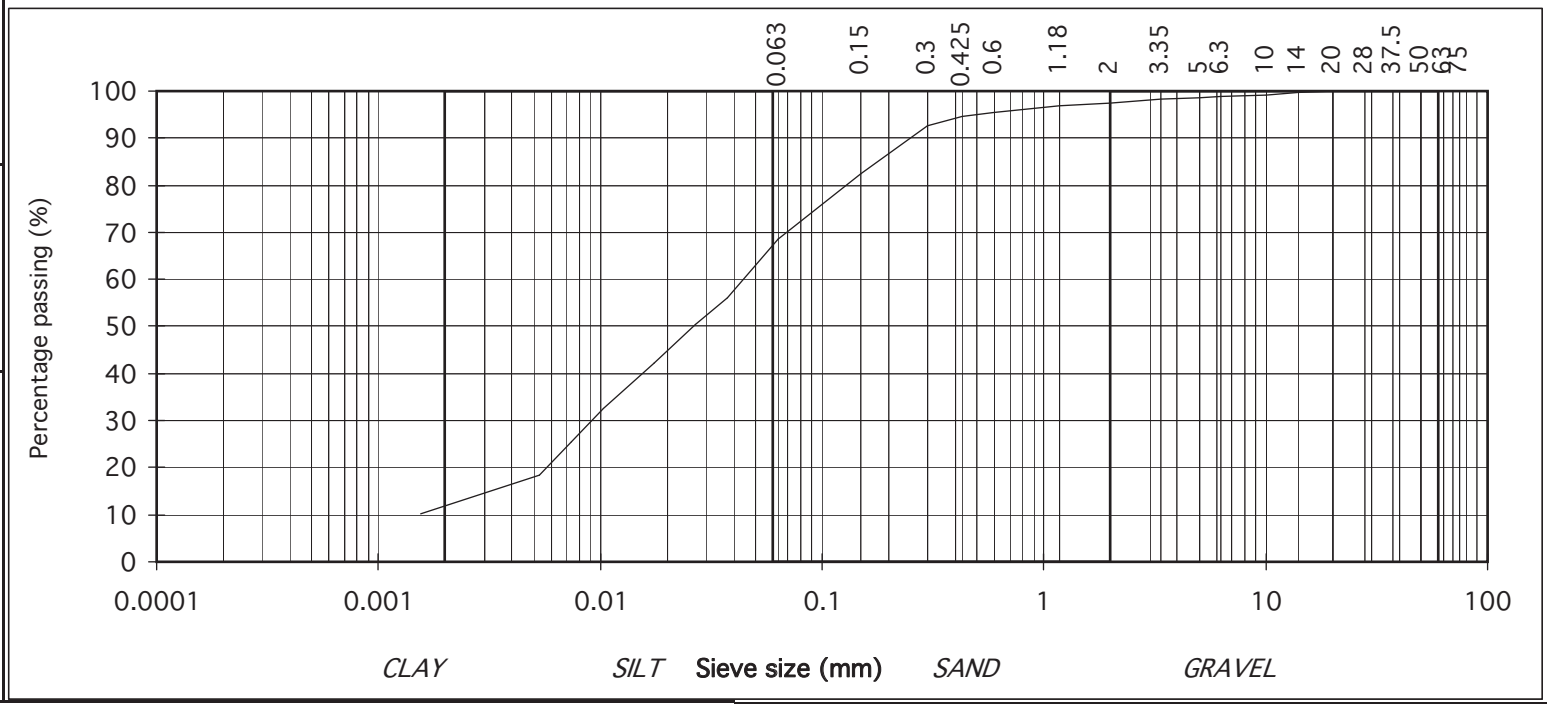
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	100	
10	99	
6.3	99	
5	99	
3.35	98	
2	98	
1.18	97	SAND
0.6	95	
0.425	95	
0.3	93	
0.15	83	
0.063	68	SILT/CLAY
0.038	56	
0.027	50	
0.017	42	
0.010	33	
0.007	25	
0.005	18	
0.002	10	

Contract No.	22734	Report No.	R116684
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH212		
Sample No.	AA141647	Lab. Sample No.	A20/5623
Sample Type:	B		
Depth (m)	2.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	06/11/2020
Description:	Brown slightly sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

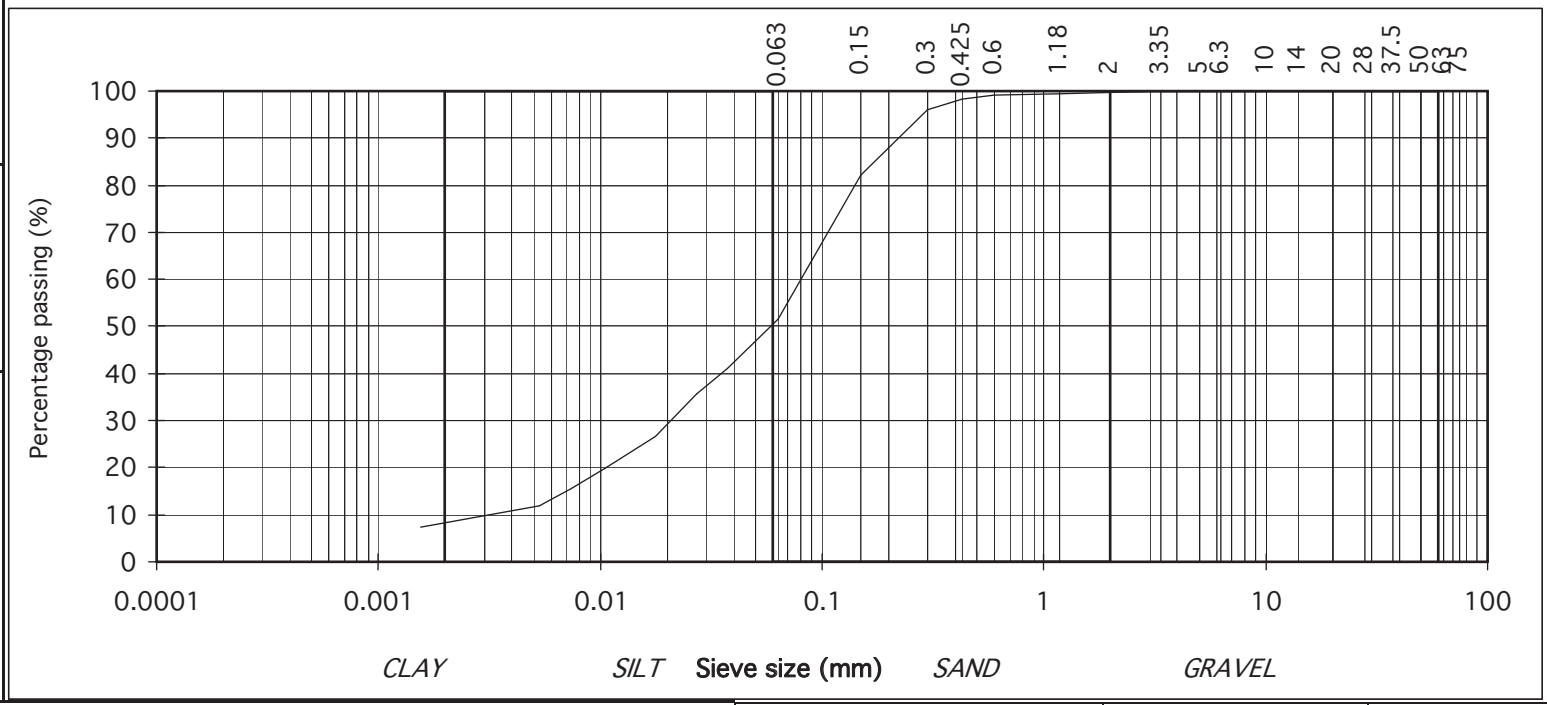
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	100	
10	100	
6.3	100	
5	100	
3.35	100	
2	100	
1.18	100	SAND
0.6	99	
0.425	98	
0.3	96	
0.15	82	
0.063	52	SILT/CLAY
0.038	41	
0.027	36	
0.018	26	
0.010	20	
0.007	16	
0.005	12	
0.002	7	

Contract No.	22734	Report No.	R116685
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH217		
Sample No.	AA146657	Lab. Sample No.	A20/5626
Sample Type:	B		
Depth (m)	3.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	05/11/2020
Description:	Brown sandy, SILT		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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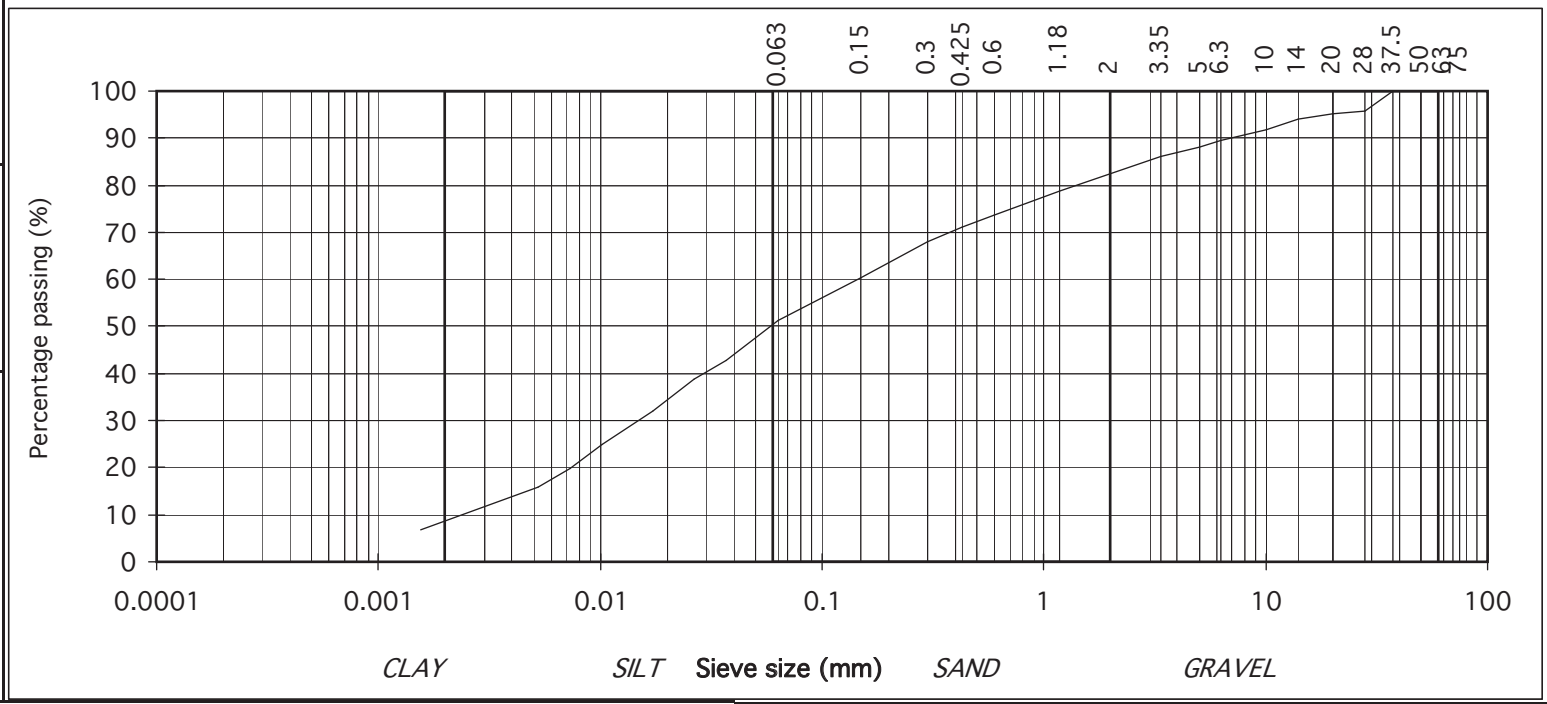
TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	96	
20	95	
14	94	
10	92	
6.3	89	
5	88	
3.35	86	
2	82	
1.18	79	SAND
0.6	74	
0.425	71	
0.3	68	
0.15	60	
0.063	51	SILT/CLAY
0.037	43	
0.027	39	
0.017	32	
0.010	25	
0.007	20	
0.005	16	
0.002	7	

Contract No.	22734	Report No.	R116686
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH217		
Sample No.	AA146667	Lab. Sample No.	A20/5629
Sample Type:	B		
Depth (m)	8.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	06/11/2020
Description:	Brown slightly sandy, slightly gravelly, SILT		
Remarks	Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.		



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TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

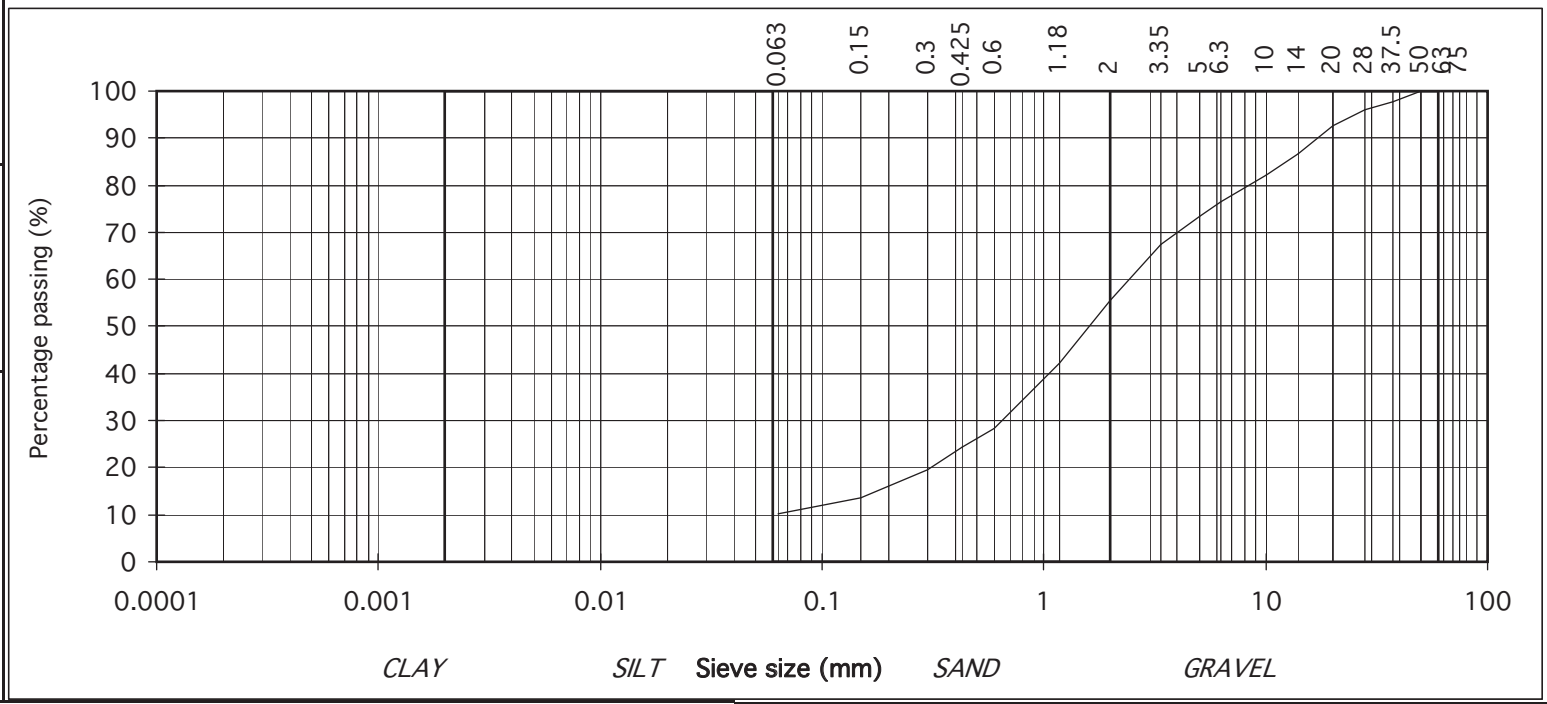
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	98	
28	96	
20	93	
14	87	
10	82	
6.3	76	
5	73	
3.35	67	
2	56	
1.18	42	SAND
0.6	28	
0.425	24	
0.3	19	
0.15	14	
0.063	10	SILT/CLAY

Contract No.	22734	Report No.	R116681
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH218		
Sample No.	AA141684	Lab. Sample No.	A20/5617
Sample Type:	B		
Depth (m)	4.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	05/11/2020
Description:	Brown clayey/silty, very gravelly, SAND		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

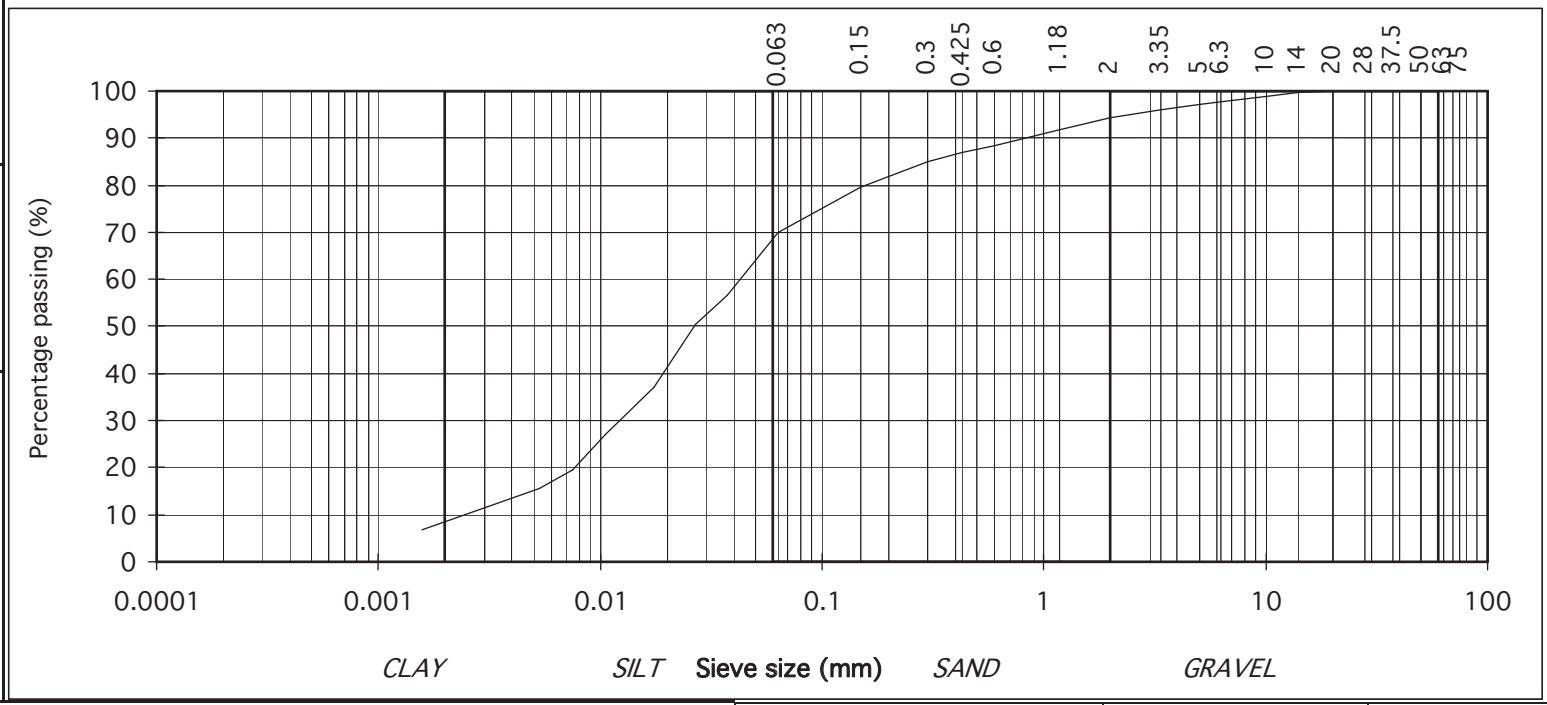
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	100	
10	99	
6.3	98	
5	97	
3.35	96	
2	94	
1.18	92	SAND
0.6	88	
0.425	87	
0.3	85	
0.15	80	
0.063	70	SILT/CLAY
0.037	57	
0.027	50	
0.018	37	
0.010	27	
0.007	20	
0.005	16	
0.002	7	

Contract No.	22734	Report No.	R116682
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH218		
Sample No.	AA141690	Lab. Sample No.	A20/5618
Sample Type:	B		
Depth (m)	7.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	05/11/2020
Description:	Brown slightly sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

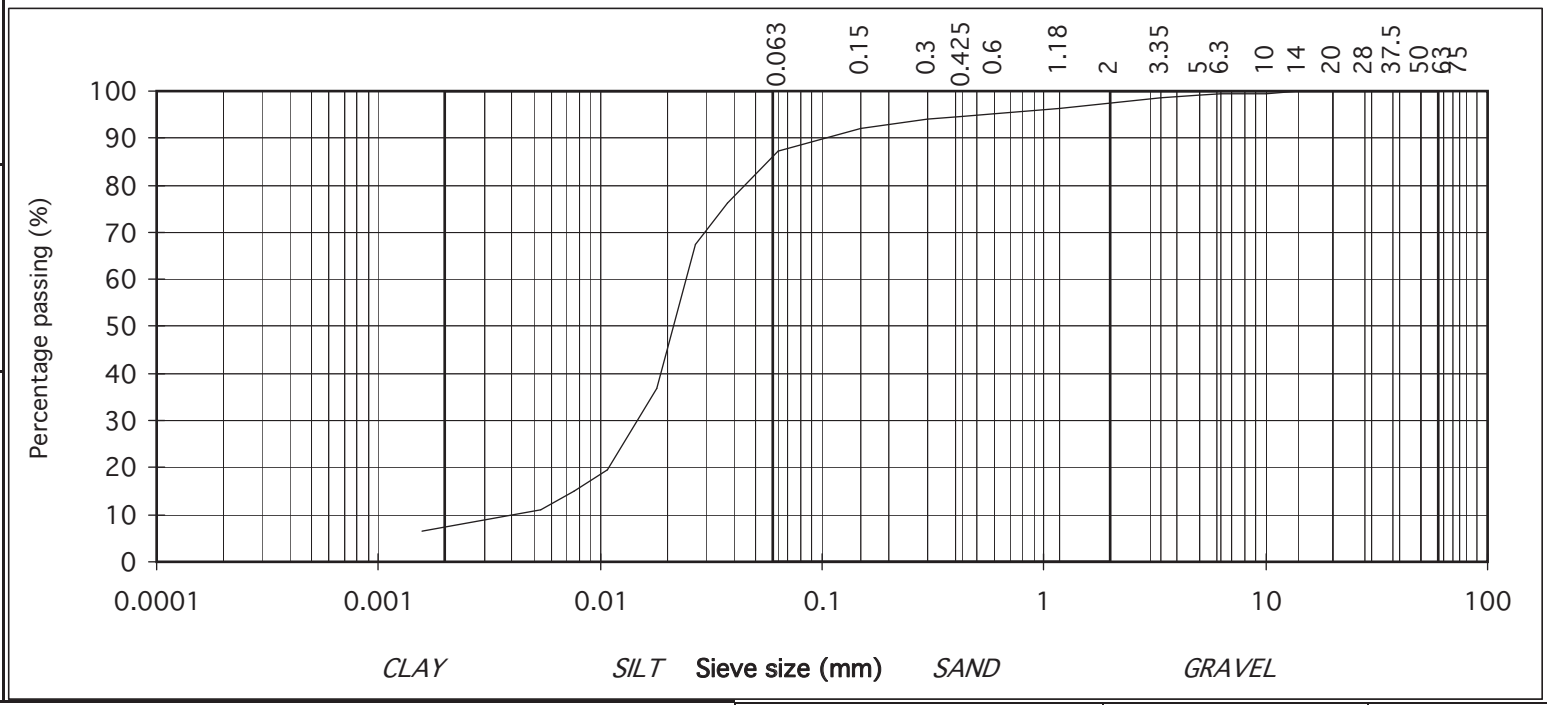
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	100	
10	100	
6.3	99	
5	99	
3.35	99	
2	97	
1.18	96	SAND
0.6	95	
0.425	95	
0.3	94	
0.15	92	
0.063	87	SILT/CLAY
0.037	76	
0.027	68	
0.018	37	
0.011	20	
0.008	15	
0.005	11	
0.002	7	

Contract No.	22734	Report No.	R116683
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH218		
Sample No.	AA141694	Lab. Sample No.	A20/5620
Sample Type:	B		
Depth (m)	9.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	05/11/2020
Description:	Grey slightly sandy, slightly gravelly, SILT		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

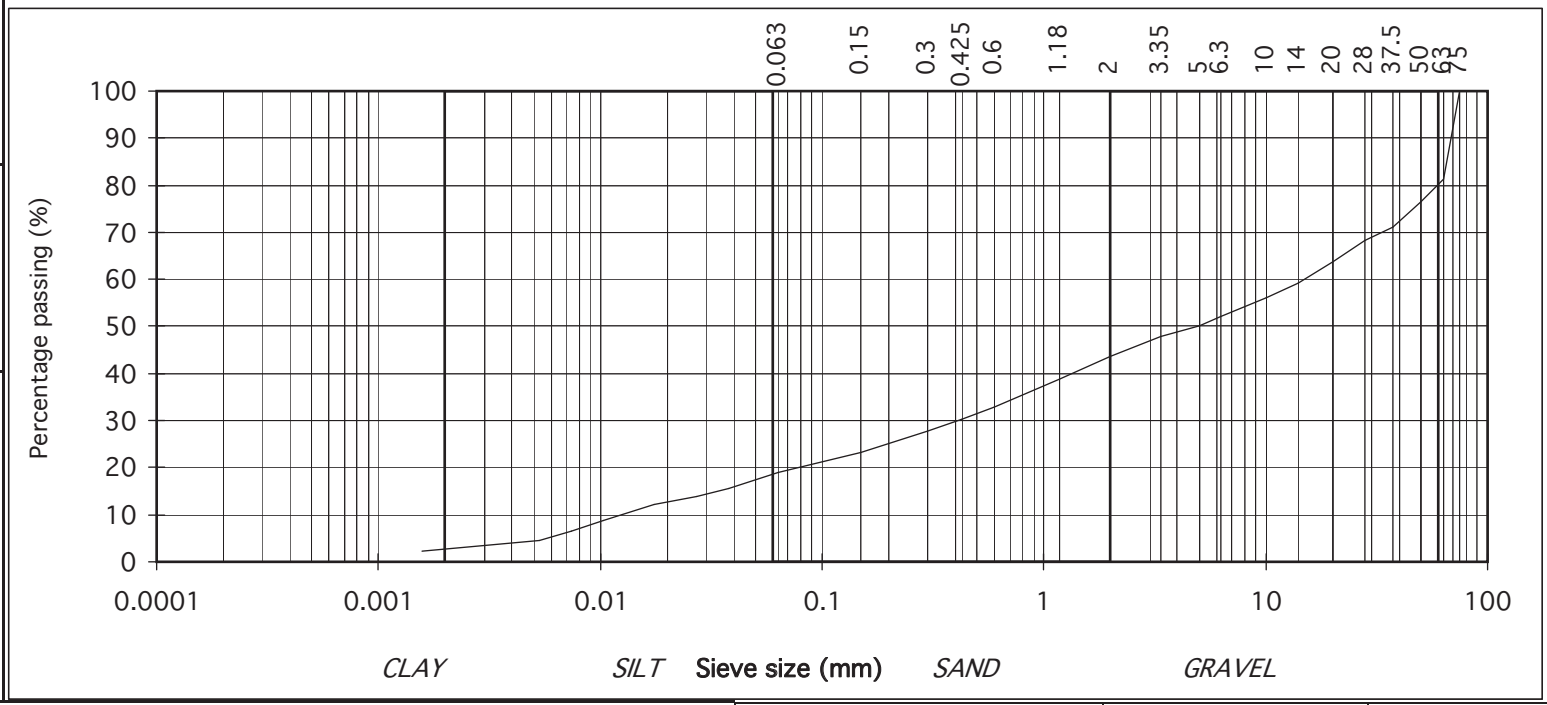
particle size	% passing	
75	100	COBBLES
63	81	
50	77	GRAVEL
37.5	71	
28	68	
20	64	
14	59	
10	56	
6.3	52	
5	50	
3.35	48	
2	44	
1.18	39	SAND
0.6	33	
0.425	30	
0.3	28	
0.15	23	
0.063	19	SILT/CLAY
0.038	16	
0.027	14	
0.018	12	
0.010	9	
0.007	6	
0.005	5	
0.002	2	

Contract No.	22734	Report No.	R116687
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH219		
Sample No.	AA146680	Lab. Sample No.	A20/5631
Sample Type:	B		
Depth (m)	3.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	05/11/2020
Description:	Brown silty, very sandy, GRAVEL with some cobbles		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.

Sample size did not meet the requirements of BS1377



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

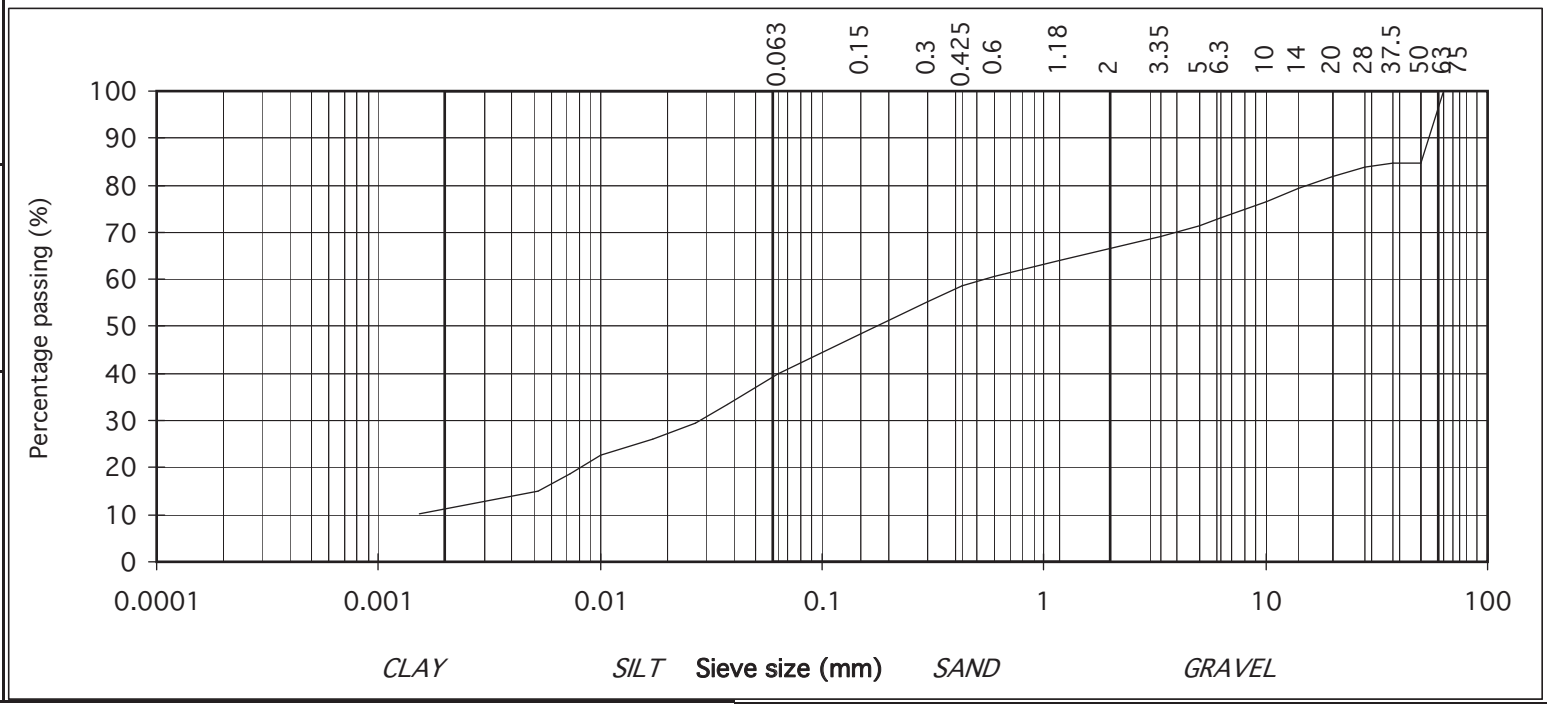
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	85	GRAVEL
37.5	85	
28	84	
20	82	
14	79	
10	76	
6.3	73	
5	71	
3.35	69	
2	67	
1.18	64	SAND
0.6	61	
0.425	59	
0.3	55	
0.15	49	
0.063	40	SILT/CLAY
0.037	34	
0.027	30	
0.017	26	
0.010	23	
0.007	19	
0.005	15	
0.002	10	

Contract No. 22734 Report No. R116688
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH219
Sample No. AA146688 Lab. Sample No. A20/5634
Sample Type: B
Depth (m) 7.50 Customer: Ballymore Group / Atkins
Date Received 20/10/2020 Date Testing started 05/11/2020
Description: Brown slightly sandy, slightly gravelly, SILT

Remarks Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received. Sample size did not meet the requirements of BS1377



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

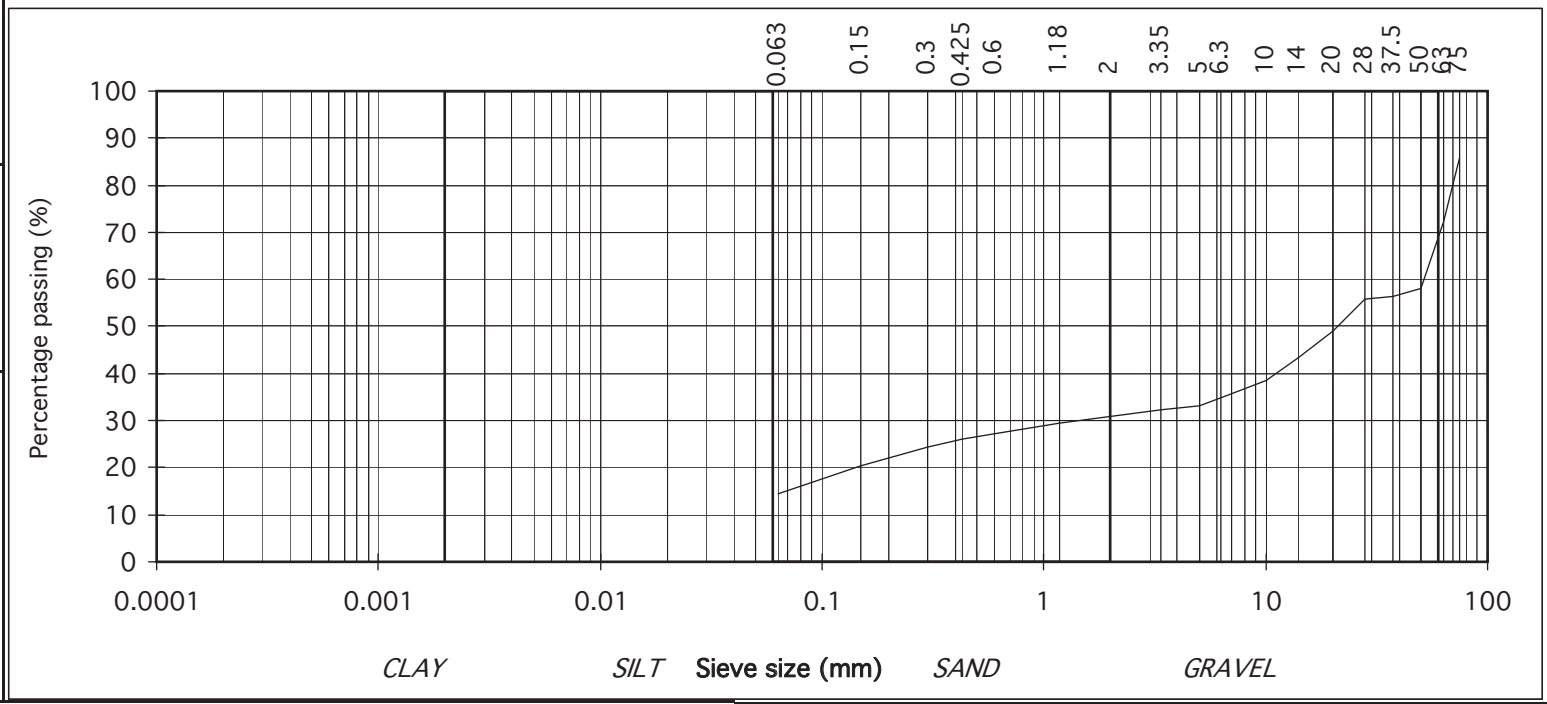
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	86	COBBLES
63	72	
50	58	GRAVEL
37.5	56	
28	56	
20	49	
14	43	
10	39	
6.3	35	
5	33	
3.35	32	
2	31	
1.18	30	SAND
0.6	27	
0.425	26	
0.3	24	
0.15	20	
0.063	15	SILT/CLAY

Contract No. 22734 Report No. R116689
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH223
Sample No. AA183905 Lab. Sample No. A20/5639
Sample Type: B
Depth (m) 2.50 Customer: Ballymore Group / Atkins
Date Received 20/10/2020 Date Testing started 05/11/2020
Description: Brown clayey/silty, sandy, GRAVEL with many cobbles

Remarks Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received. Sample size did not meet the requirements of BS1377



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

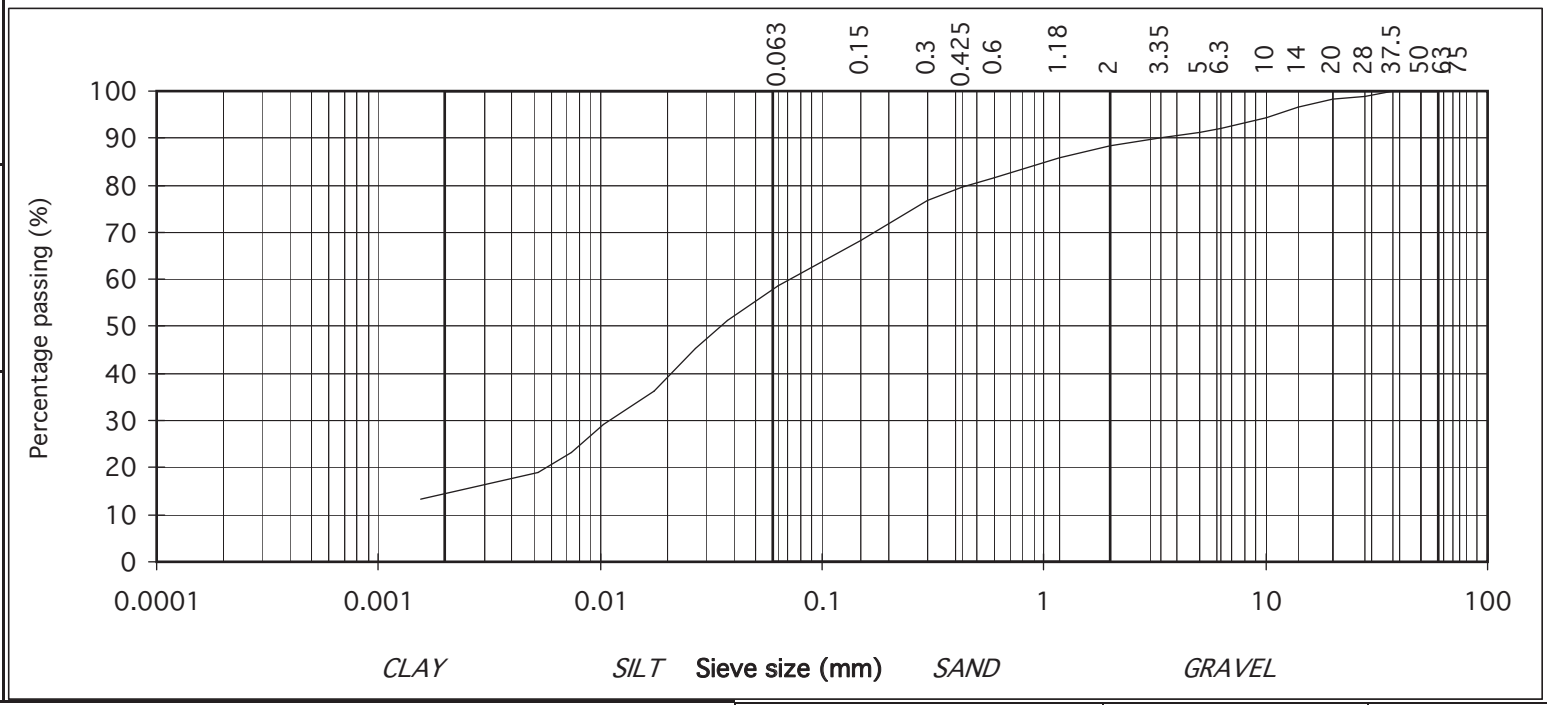
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	99	
20	98	
14	97	
10	94	
6.3	92	
5	91	
3.35	90	
2	88	
1.18	86	SAND
0.6	82	
0.425	79	
0.3	77	
0.15	68	
0.063	59	SILT/CLAY
0.037	51	
0.027	45	
0.017	36	
0.010	29	
0.007	23	
0.005	19	
0.002	13	

Contract No.	22734	Report No.	R116690
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH223		
Sample No.	AA183937	Lab. Sample No.	A20/5643
Sample Type:	B		
Depth (m)	8.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	06/11/2020
Description:	Brown slightly sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

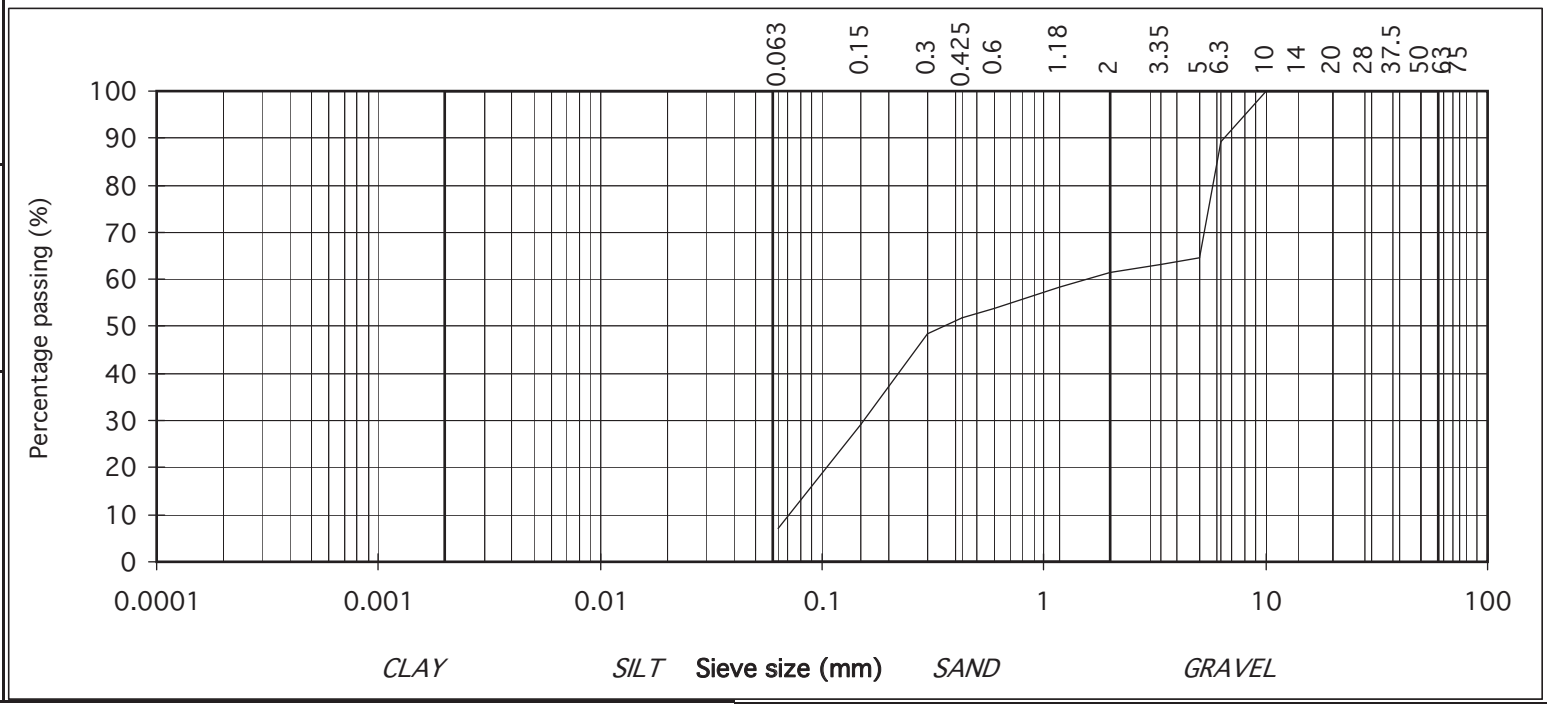
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	100	
10	100	
6.3	89	
5	64	
3.35	63	
2	61	
1.18	58	SAND
0.6	54	
0.425	52	
0.3	48	
0.15	29	
0.063	7	SILT/CLAY

Contract No. 22734 Report No. R116691
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH223
Sample No. AA183921 Lab. Sample No. A20/5645
Sample Type: B
Depth (m) 10.50 Customer: Ballymore Group / Atkins
Date Received 20/10/2020 Date Testing started 05/11/2020
Description: Grey/brown clayey/silty, very gravelly, SAND

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

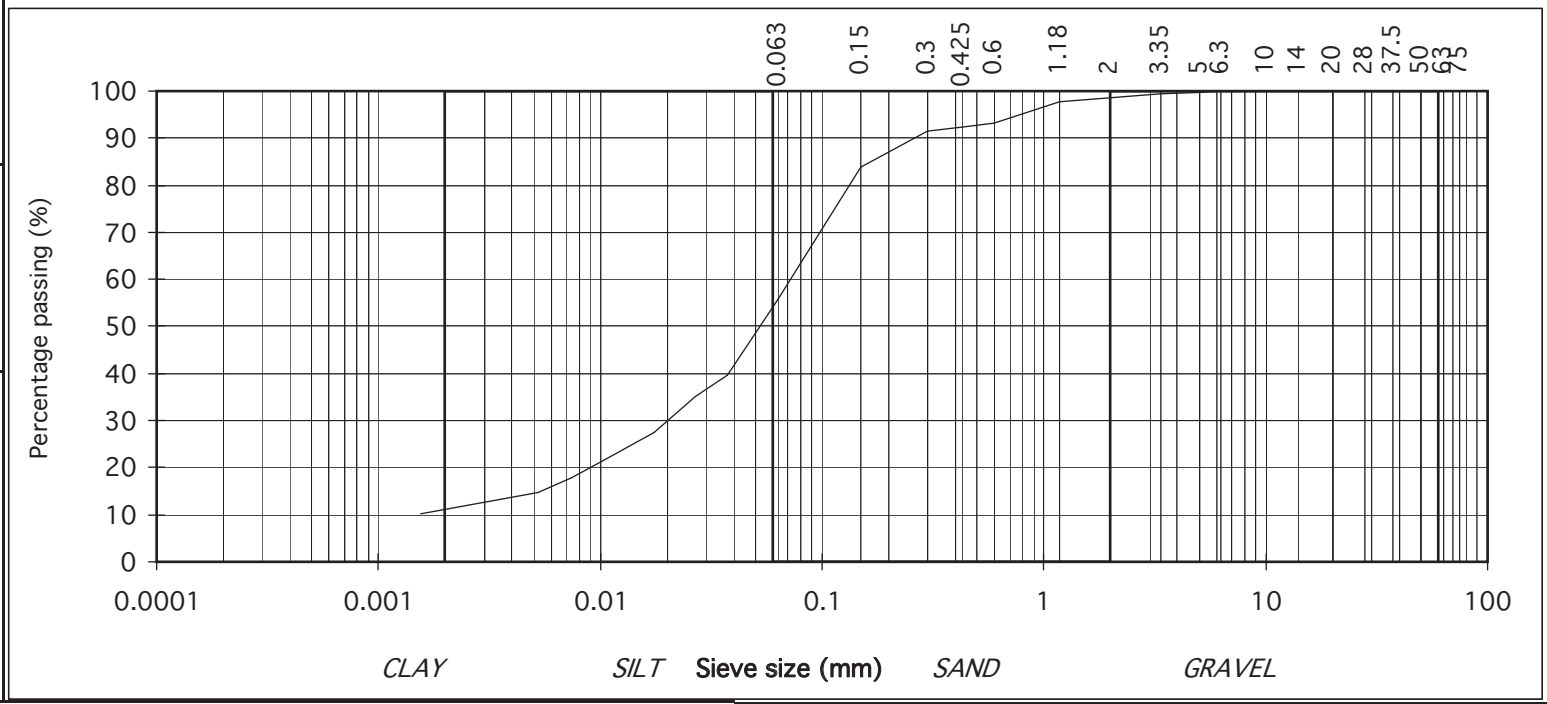
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	100	
10	100	
6.3	100	
5	100	
3.35	99	
2	99	
1.18	98	SAND
0.6	93	
0.425	92	
0.3	91	
0.15	84	
0.063	56	SILT/CLAY
0.037	40	
0.027	35	
0.018	27	
0.010	22	
0.007	18	
0.005	15	
0.002	10	

Contract No.	22734	Report No.	R116692
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH224		
Sample No.	AA139467	Lab. Sample No.	A20/5648
Sample Type:	B		
Depth (m)	4.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	05/11/2020
Description:	Grey sandy, slightly gravelly, SILT/CLAY		

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



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H Byrne	17/11/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

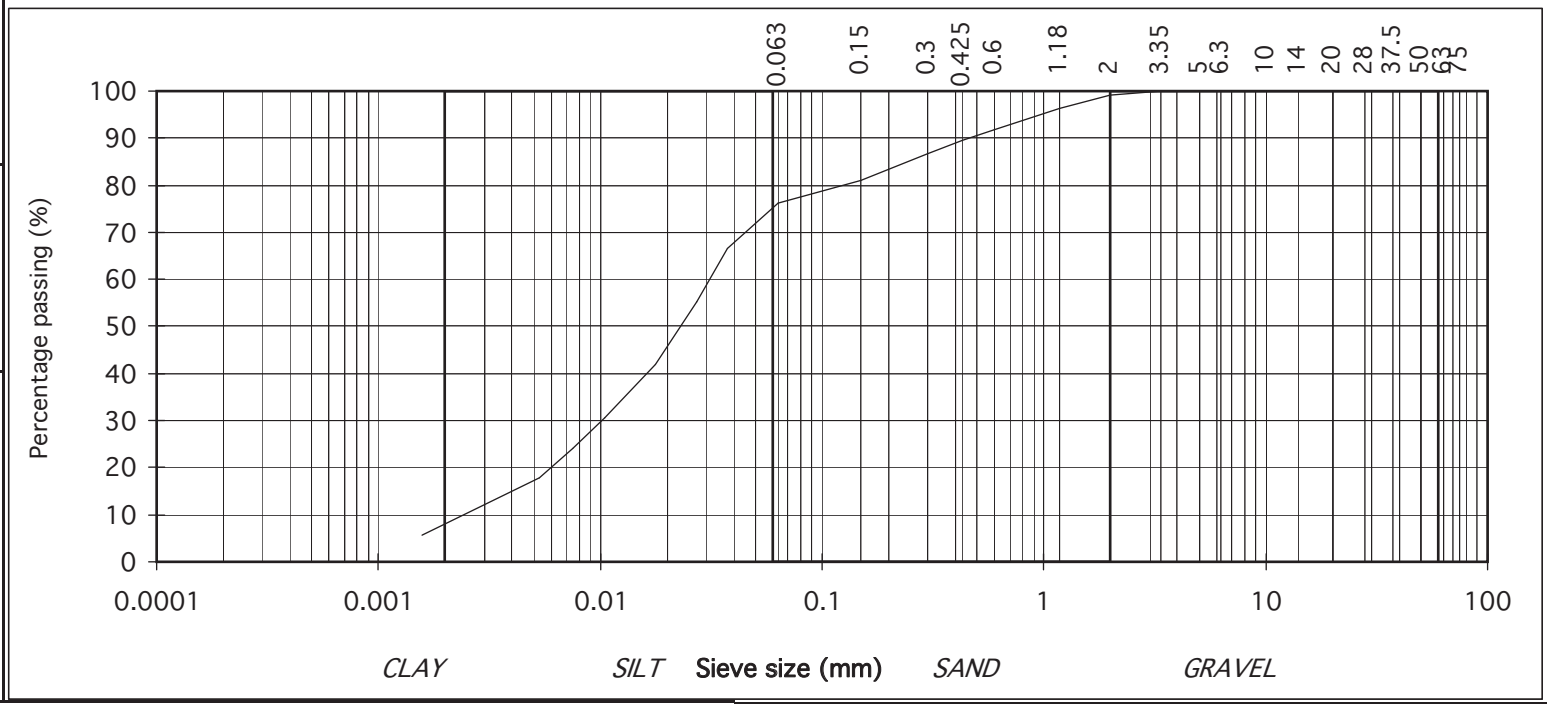
TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	100	
14	100	
10	100	
6.3	100	
5	100	
3.35	100	
2	99	
1.18	96	SAND
0.6	92	
0.425	89	
0.3	87	
0.15	81	
0.063	76	SILT/CLAY
0.037	67	
0.027	55	
0.018	42	
0.010	30	
0.007	24	
0.005	18	
0.002	6	

Contract No.	22734	Report No.	R116693
Contract Name:	Harbour Point Bray, Co.Wicklow		
BH/TP :	BH224		
Sample No.	AA139475	Lab. Sample No.	A20/5650
Sample Type:	B		
Depth (m)	8.50	Customer:	Ballymore Group / Atkins
Date Received	20/10/2020	Date Testing started	05/11/2020
Description:	Grey slightly sandy, slightly gravelly, SILT/CLAY		
Remarks	Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.		



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	17/11/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution
Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

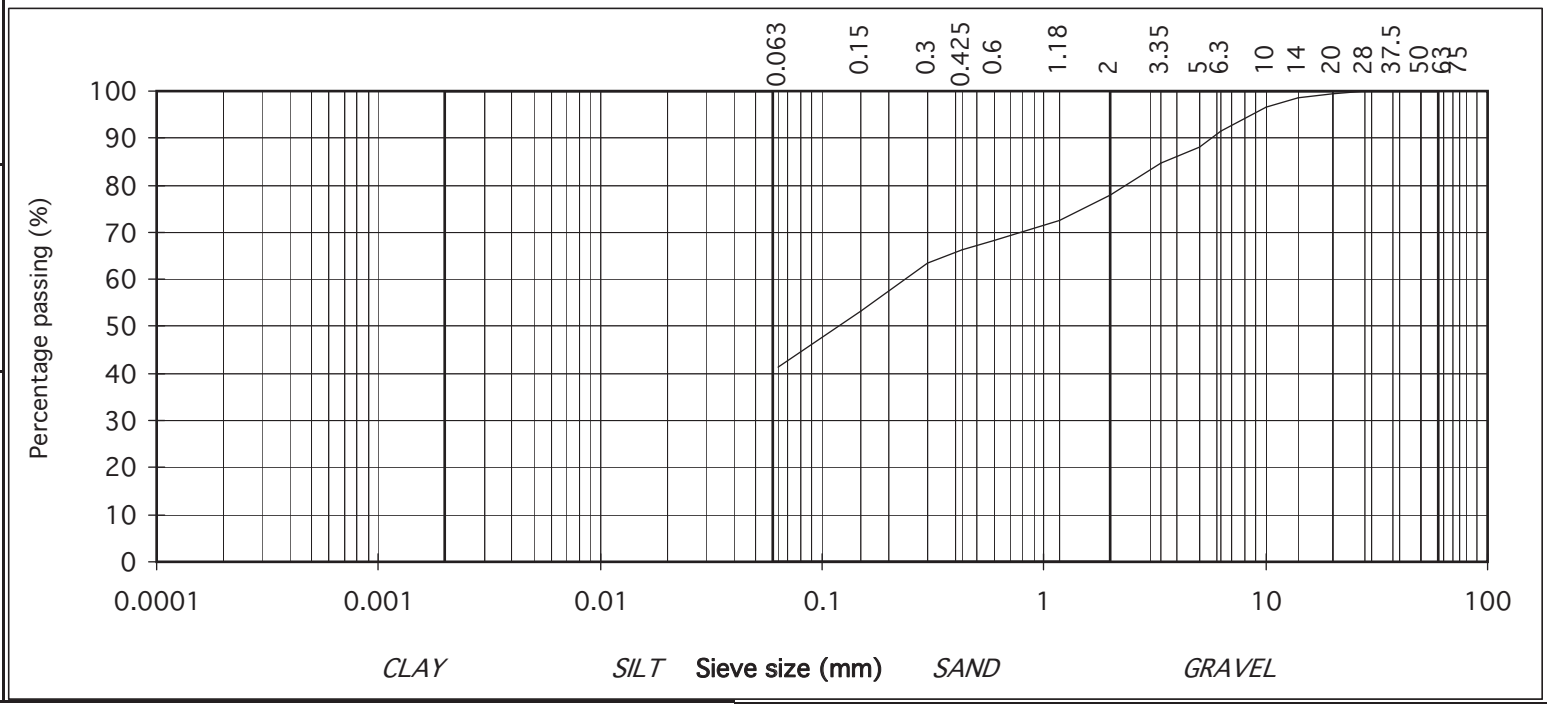
ISO 17025 IVNAB ACCREDITED TESTING DETAILED IN SCOPE REG NO. 13ST

RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	100	
20	99	
14	99	
10	97	
6.3	91	
5	88	
3.35	85	
2	78	
1.18	72	SAND
0.6	68	
0.425	66	
0.3	64	
0.15	53	
0.063	41	SILT/CLAY

Contract No. 22734 Report No. R116694
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH224
Sample No. AA139479 Lab. Sample No. A20/5651
Sample Type: B
Depth (m) 10.50 Customer: Ballymore Group / Atkins
Date Received 20/10/2020 Date Testing started 05/11/2020
Description: Grey sandy, slightly gravelly, SILT/CLAY

Remarks Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	17/11/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

TEST REPORT
Determination of Particle Size Distribution

Tested in accordance with: BS1377:Part2:1990 , clause 9.2 & 9.5
(note: Sedimentation stage not accredited)

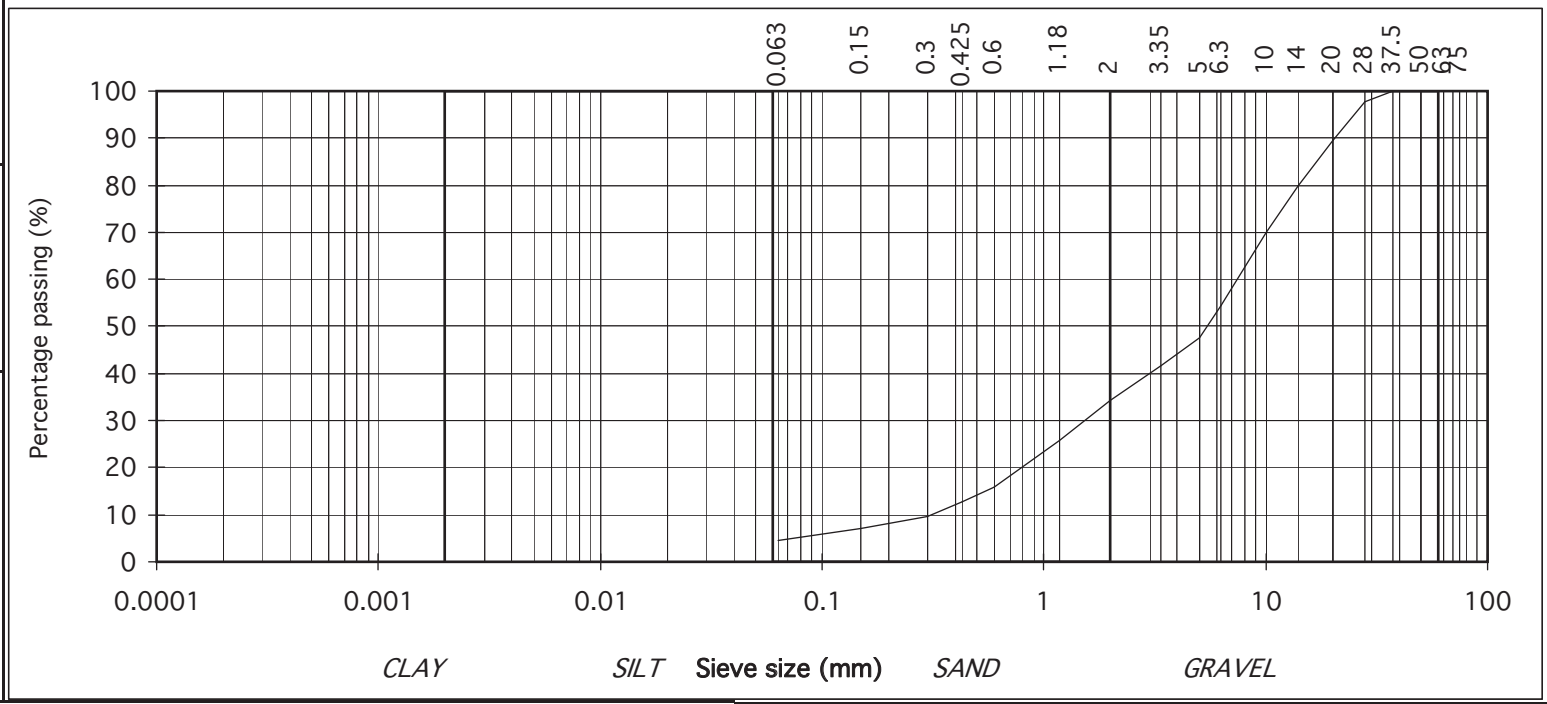
RECEIVED: 24/03/2025

particle size	% passing	
75	100	COBBLES
63	100	
50	100	GRAVEL
37.5	100	
28	98	
20	90	
14	80	
10	70	
6.3	54	
5	47	
3.35	42	
2	34	
1.18	26	SAND
0.6	16	
0.425	13	
0.3	10	
0.15	7	
0.063	4	SILT/CLAY

Contract No. 22734 Report No. R116695
Contract Name: Harbour Point Bray, Co.Wicklow
BH/TP : BH224
Sample No. AA139481 Lab. Sample No. A20/5652
Sample Type: B
Depth (m) 11.50 Customer: Ballymore Group / Atkins
Date Received 20/10/2020 Date Testing started 05/11/2020
Description: Grey slightly clayey/silty, very sandy, GRAVEL

Remarks

Note: Clause 9.2 and Clause 9.5 of BS1377:Part 2:1990 have been superseded by ISO17892-4:2016 . Results apply to sample as received.



IGSL Ltd Materials Laboratory

Approved by:	Date:	Page no:
H Byrne	17/11/20	1 of 1

Persons authorised to approve report: J Barrett (Quality Manager) H Byrne (Laboratory Manager)

IGSL Ltd
Materials Laboratory
Unit J5, M7 Business Park
Newhall, Naas
Co. Kildare
045 846176

Test Report

Determination of Moisture Content, Liquid & Plastic Limits

Tested in accordance with BS1377:Part 2:1990, clauses 3.2*, 4.3, 4.4 & 5.3

RECEIVED: 24/03/2025

Report No. **R116072** Contract No. 22734 Contract Name: Harbour Point Bray , Co.Wicklow

Customer Ballymore Group / Atkins

Samples Received: 09/10/20 Date Tested: 13/10/20

BH/TP	Sample No.	Depth (m)	Lab. Ref	Sample Type	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity Index	% <425µm	Preparation	Liquid Limit Clause	Classification (BS5930)	Description
TP211	AA137951	0.5	A20/4630	B	9.7	36	NP	NP	45	WS	4.4		Brown sandy gravelly SILT
TP211	AA137952	1.5	A20/4621	B	16								Brown sandy gravelly SILT/CLAY

Notes:
Preparation: WS - Wet sieved; AR - As received; NP - Non plastic
Liquid Limit Clause: 4.3 Cone Penetrometer definitive method; 4.4 Cone Penetrometer one point method
Sample Type: B - Bulk Disturbed; U - Undisturbed

Remarks:
Results apply to the sample as received.
NOTE: *Clause 3.2 of BS1377 is a "withdrawn" standard due to publication of ISO17892-1:2014
Opinions and interpretations are outside the scope of accreditation.
The results relate to the specimens tested. Any remaining material will be retained for one month.

IGSL Ltd Materials Laboratory

Persons authorized to approve reports
H Byrne (Laboratory Manager)

Approved by	Date	Page
H Byrne	28/10/20	1 of 1

One dimensional Consolidation

BS1377:Part 5:1990

RECEIVED: 24/03/2025

Report No. R115164

Contract: Harbour Point Bray Contract number: 22734

BH: BH214 Sample number: 146613 Depth (m): 3.5

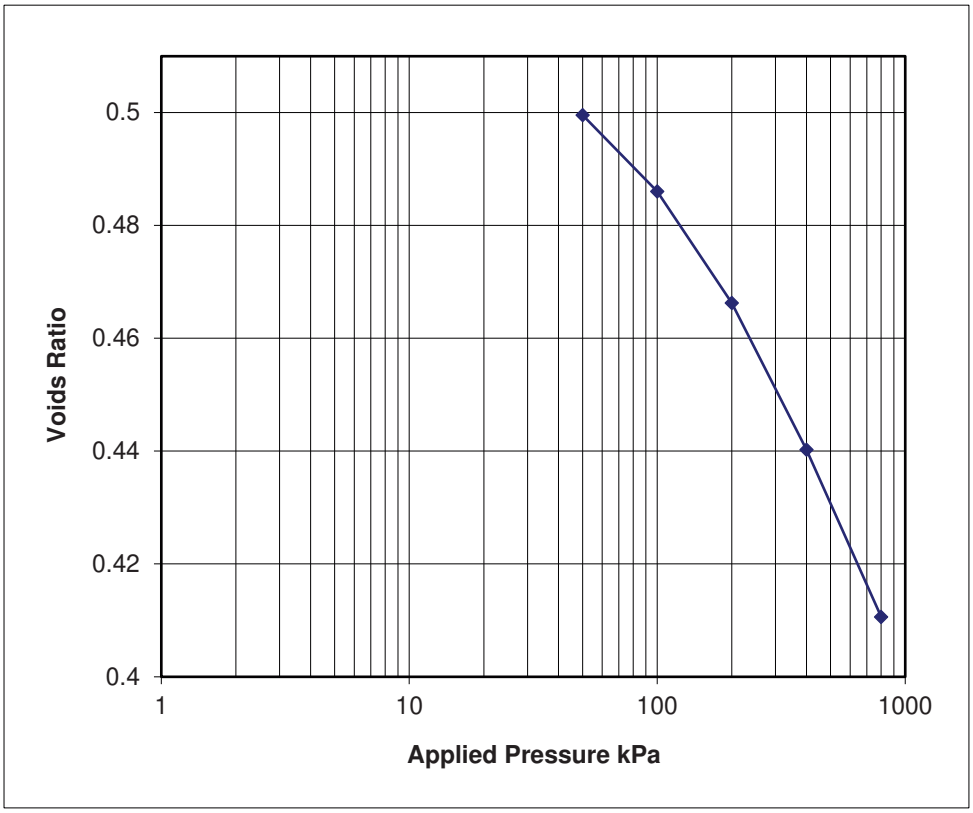
Description Brown mottled grey slightly sandy slightly gravelly CLAY

Specimen Height (mm) 20.0 Specimen diameter (mm) 75.0

	Initial	Final
Moisture content %	20	19
Bulk density Mg/m^3	2.08	2.24
Dry density Mg/m^3	1.74	1.89
Void ratio	0.521	0.411

Assumed Particle density Mg/m^3 2.65

Applied Pressure (kPa)	m_v (m^2/MN)	c_v (m^2/year)	Voids Ratio
0 - 50	0.286	30.425	0.49954
50 - 100	0.180	13.208	0.48601
100 - 200	0.133	7.265	0.46624
200 - 400	0.089	6.489	0.44024
400 - 800	0.051	4.335	0.41059



One dimensional Consolidation

BS1377:Part 5:1990

RECEIVED: 24/03/2025

Report No. R115196

Contract: Harbour Point Bray Contract number: 22734

BH: BH218 Sample number: 141692 Depth (m): 8.5

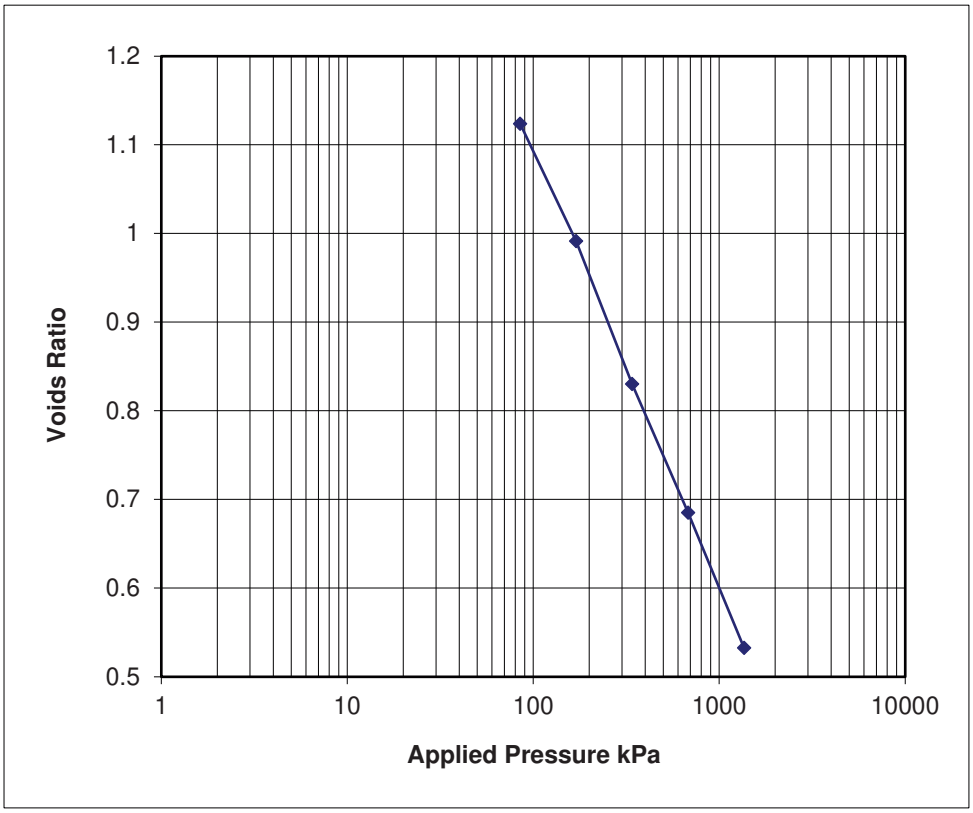
Description Greyish brown SILT/CLAY with shell fragments

Specimen Height (mm) 20.1 Specimen diameter (mm) 75.1

	Initial	Final
Moisture content %	64	37
Bulk density Mg/m^3	1.59	2.10
Dry density Mg/m^3	0.97	1.53
Void ratio	1.471	0.532

Assumed Particle density Mg/m^3 2.40

Applied Pressure (kPa)	m_v (m^2/MN)	c_v (m^2/year)	Voids Ratio
0 - 85	1.653	3.774	1.12362
85 - 170	0.732	1.104	0.99140
170 - 340	0.476	0.653	0.83013
340 - 680	0.233	0.552	0.68511
680 - 1360	0.133	0.463	0.53246



One dimensional Consolidation

BS1377:Part 5:1990

RECEIVED: 24/03/2025

Report No. R115165

Contract: Harbour Point Bray Contract number: 22734

BH: BH221 Sample number: 141629 Depth (m): 3.5

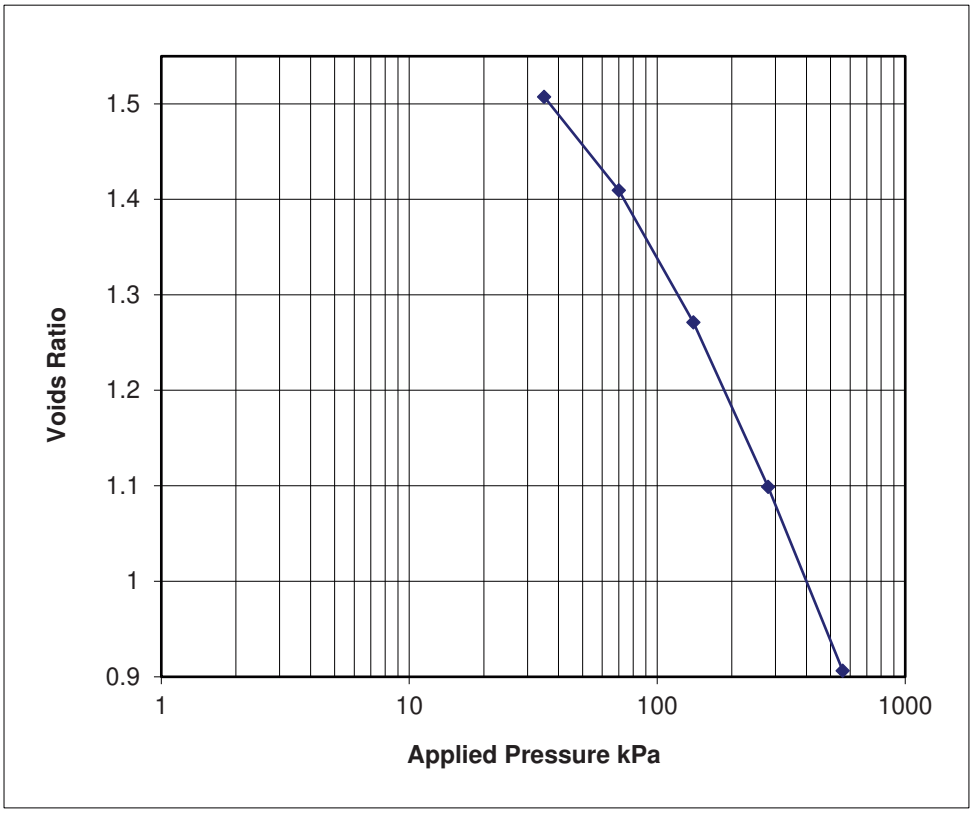
Description Brown SILT/CLAY

Specimen Height (mm) 20.0 Specimen diameter (mm) 75.1

	Initial	Final
Moisture content %	63	47
Bulk density Mg/m^3	1.59	1.96
Dry density Mg/m^3	0.98	1.33
Void ratio	1.713	0.906

Assumed Particle density Mg/m^3 2.65

Applied Pressure (kPa)	m_v (m^2/MN)	c_v (m^2/year)	Voids Ratio
0 - 35	2.163	5.243	1.50733
35 - 70	1.116	3.154	1.40940
70 - 140	0.820	1.496	1.27106
140 - 280	0.542	0.800	1.09880
280 - 560	0.328	0.672	0.90620



One dimensional Consolidation

BS1377:Part 5:1990

RECEIVED: 24/03/2025

Report No. R115166

Contract: Harbour Point Bray Contract number: 22734

BH: BH221 Sample number: 141636 Depth (m): 10.5

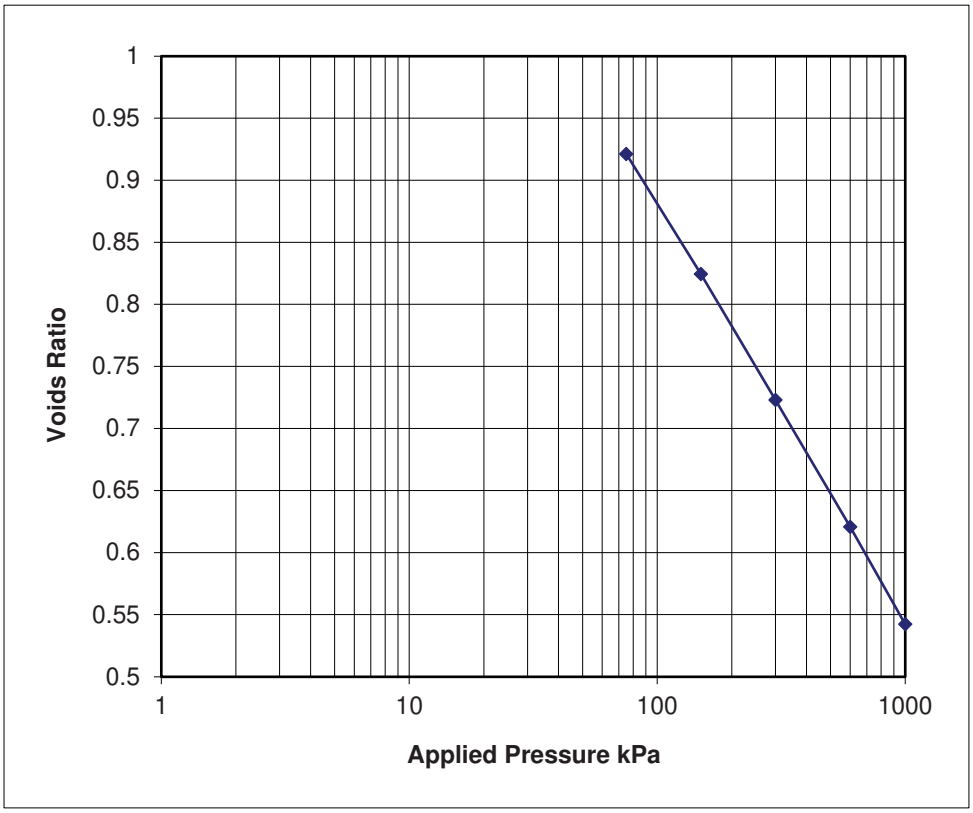
Description Grey SILT/CLAY with shell fragments

Specimen Height (mm) 18.5 Specimen diameter (mm) 76.3

	Initial	Final
Moisture content %	50	29
Bulk density Mg/m^3	1.71	2.16
Dry density Mg/m^3	1.14	1.67
Void ratio	1.318	0.542

Assumed Particle density Mg/m^3 2.65

Applied Pressure (kPa)	m_v (m^2/MN)	c_v (m^2/year)	Voids Ratio
0 - 75	2.282	1.801	0.92114
75 - 150	0.671	1.406	0.82442
150 - 300	0.371	1.203	0.72294
300 - 600	0.198	1.069	0.62070
600 - 1000	0.121	0.957	0.54227



One dimensional Consolidation

BS1377:Part 5:1990

RECEIVED: 24/03/2025

Report No. R115167

Contract: Harbour Point Bray Contract number: 22734

BH: BH222A Sample number: 141619 Depth (m): 5.5

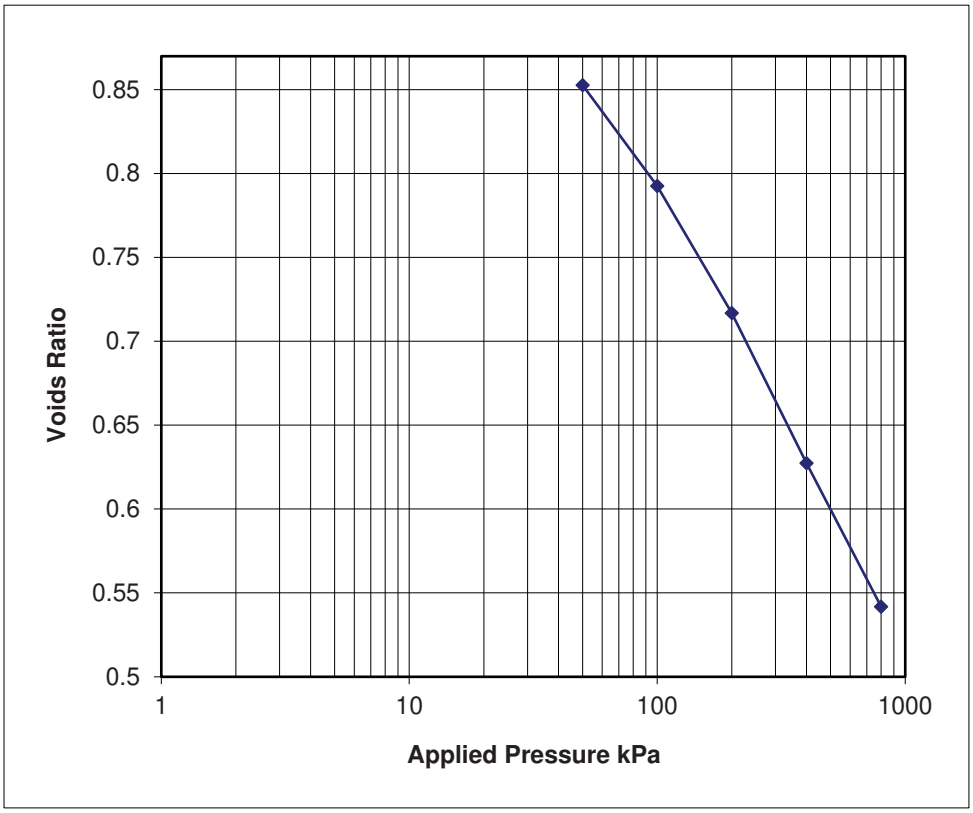
Description Grey slightly sandy SILT/CLAY

Specimen Height (mm) 20.0 Specimen diameter (mm) 75.0

	Initial	Final
Moisture content %	49	32
Bulk density Mg/m^3	1.87	2.29
Dry density Mg/m^3	1.26	1.73
Void ratio	1.104	0.542

Assumed Particle density Mg/m^3 2.65

Applied Pressure (kPa)	m_v (m^2/MN)	c_v (m^2/year)	Voids Ratio
0 - 50	2.387	6.288	0.85267
50 - 100	0.649	4.576	0.79253
100 - 200	0.422	3.436	0.71684
200 - 400	0.261	2.742	0.62726
400 - 800	0.131	2.058	0.54168



One dimensional Consolidation

BS1377:Part 5:1990

RECEIVED: 24/03/2025

Report No. R117153

Contract: Harbour Point Bray Contract number: 22734

BH: BH224 Sample number: 139461 Depth (m): 1.5

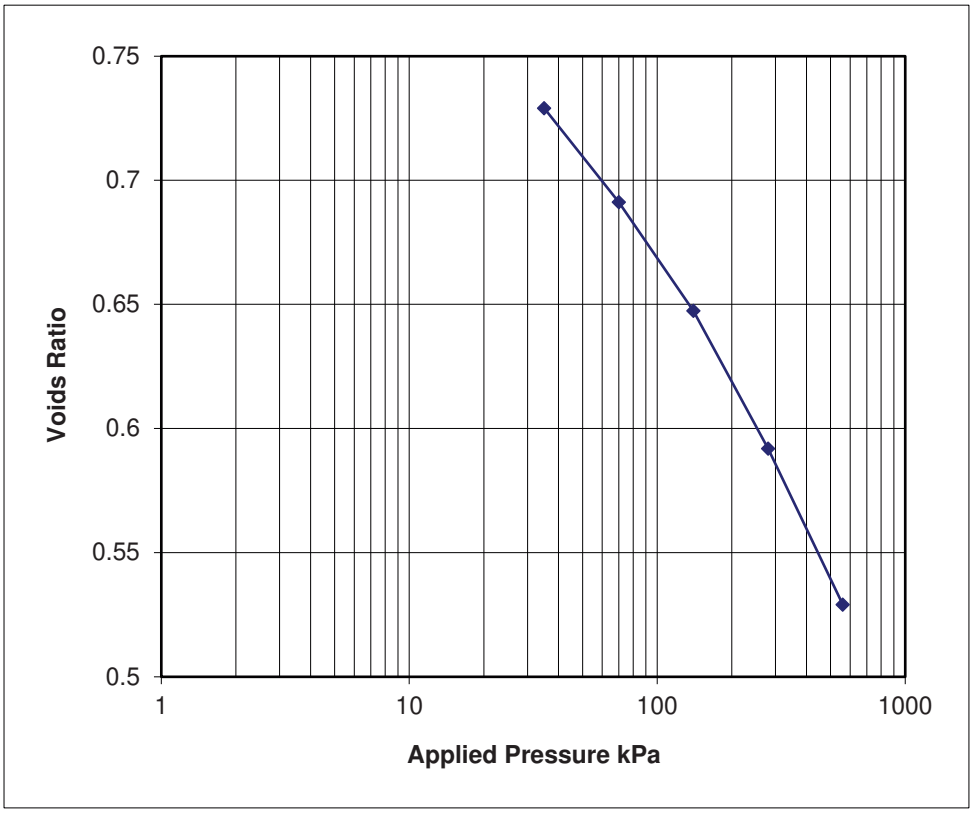
Description Grey slightly sandy SILT/CLAY

Specimen Height (mm) 20.0 Specimen diameter (mm) 75.1

	Initial	Final
Moisture content %	41	31
Bulk density Mg/m^3	1.85	2.05
Dry density Mg/m^3	1.31	1.56
Void ratio	0.839	0.529

Assumed Particle density Mg/m^3 2.40

Applied Pressure (kPa)	m_v (m^2/MN)	c_v (m^2/year)	Voids Ratio
0 - 35	1.705	41.832	0.72901
35 - 70	0.626	26.696	0.69115
70 - 140	0.369	21.675	0.64741
140 - 280	0.241	15.327	0.59191
280 - 560	0.141	12.504	0.52906



One dimensional Consolidation

BS1377:Part 5:1990

RECEIVED: 24/03/2025

Report No. R117154

Contract: Harbour Point Bray Contract number: 22734

BH: BH224 Sample number: 139469 Depth (m): 5.5

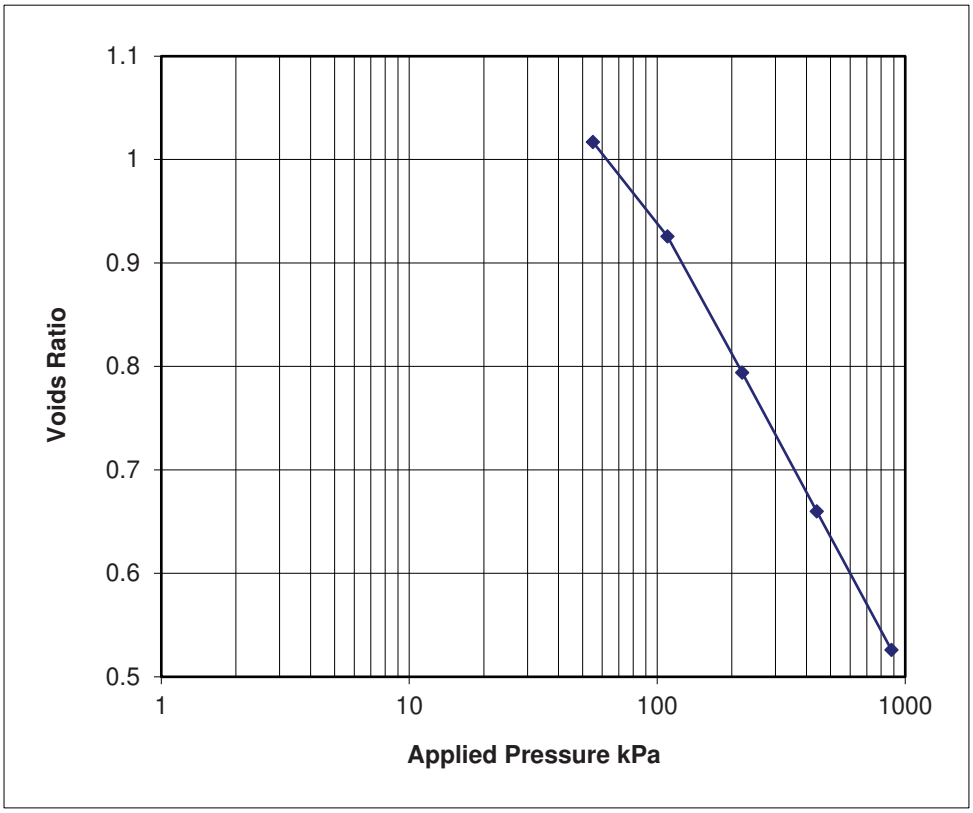
Description Grey mottled brown SILT/CLAY with shell fragments

Specimen Height (mm) 20.0 Specimen diameter (mm) 75.0

	Initial	Final
Moisture content %	52	49
Bulk density Mg/m^3	1.57	2.01
Dry density Mg/m^3	1.04	1.35
Void ratio	1.314	0.526

Assumed Particle density Mg/m^3 2.40

Applied Pressure (kPa)	m_v (m^2/MN)	c_v (m^2/year)	Voids Ratio
0 - 55	2.333	15.205	1.01696
55 - 110	0.824	8.935	0.92561
110 - 220	0.621	7.953	0.79401
220 - 440	0.340	3.961	0.65987
440 - 880	0.183	2.504	0.52596



One dimensional Consolidation

BS1377:Part 5:1990

RECEIVED: 24/03/2025

Report No. R117155

Contract: Harbour Point Bray Contract number: 22734

BH: BH224 Sample number: 139477 Depth (m): 9.5

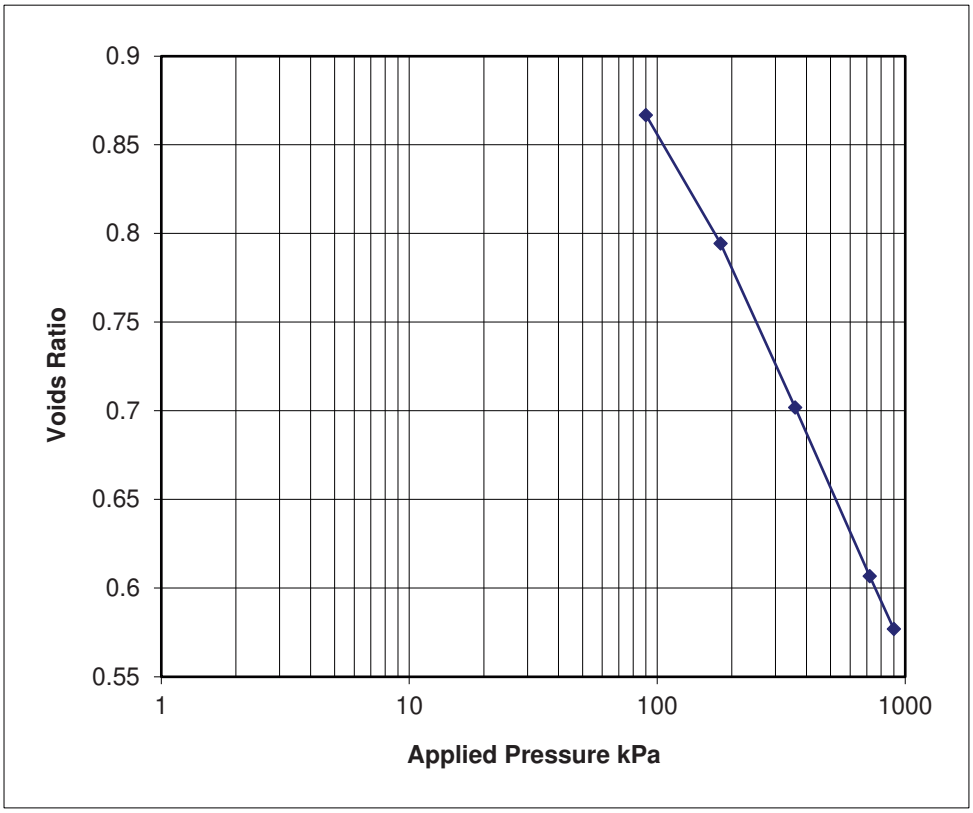
Description Brown SILT/CLAY

Specimen Height (mm) 20.0 Specimen diameter (mm) 75.1

	Initial	Final
Moisture content %	40	33
Bulk density Mg/m^3	1.78	2.12
Dry density Mg/m^3	1.27	1.60
Void ratio	1.082	0.577

Assumed Particle density Mg/m^3 2.65

Applied Pressure (kPa)	m_v (m^2/MN)	c_v (m^2/year)	Voids Ratio
0 - 90	1.150	32.995	0.86675
90 - 180	0.431	17.507	0.79429
180 - 360	0.286	10.827	0.70183
360 - 720	0.155	5.297	0.60667
720 - 900	0.103	1.622	0.57690



IGSL Ltd
Materials Laboratory
Unit F, M7 Business Park
Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

ISO 17025 INAB ACCREDITED TESTING DETAILED IN SCOPE REG NO. 1331

RECEIVED: 24/03/2025

Report no: R115169

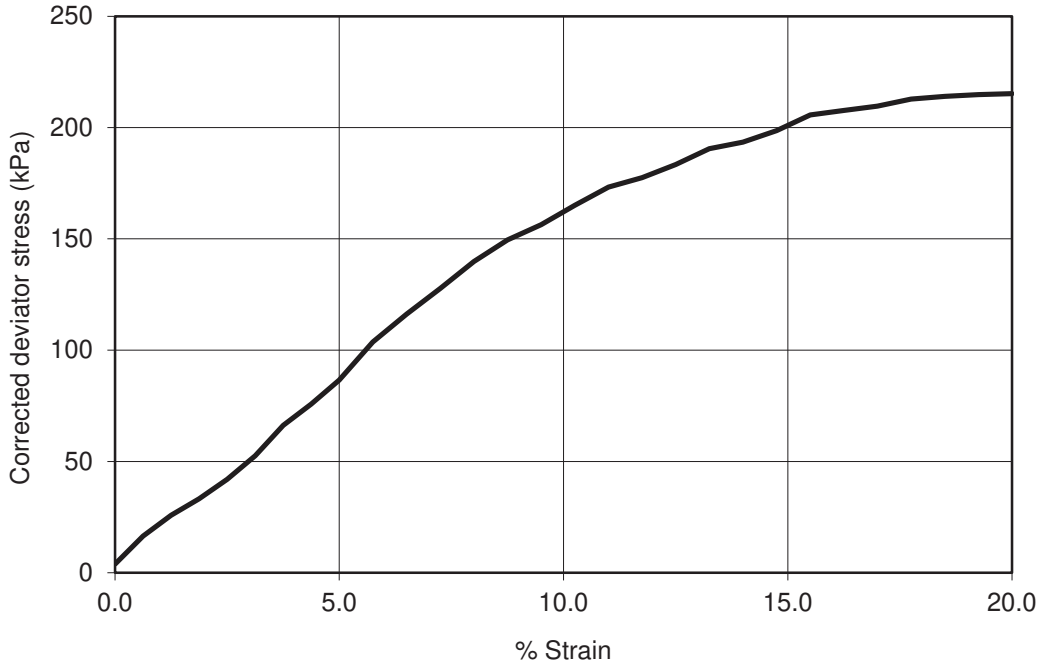
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH201 @ 7.0m Sample No. 134072

Description: Yellowish brown silty SAND

Customer: Ballymore Group

Height (mm)	200	Diameter	102	Cell pressure(kPa)	140
Moisture Content %	29	Bulk density (Mg/m^3)	1.93	Dry density (Mg/m^3)	1.49



Strain at failure %	20	Cohesion C_u (kPa) (Undrained shear strength kPa)	108
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	0.75
Date received	-	Date tested	14/10/20

The result relates to the specimen in as received condition unless otherwise stated.
Any remaining material will be retained for one month.
*This Standard has been superceded by ISO17892-8:2018

Person authorised to approve report: J Barrett (Quality Manager)

IGSL Ltd.	IGSL Materials Laboratory	Approved by	Date	Page
			04/11/20	1 of 1

IGSL Ltd
Materials Laboratory
Unit F, M7 Business Park
Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

ISO 17025 INAB ACCREDITED TESTING DETAILED IN SCOPE REG NO. 1331

RECEIVED: 24/03/2025

Report no: R115170

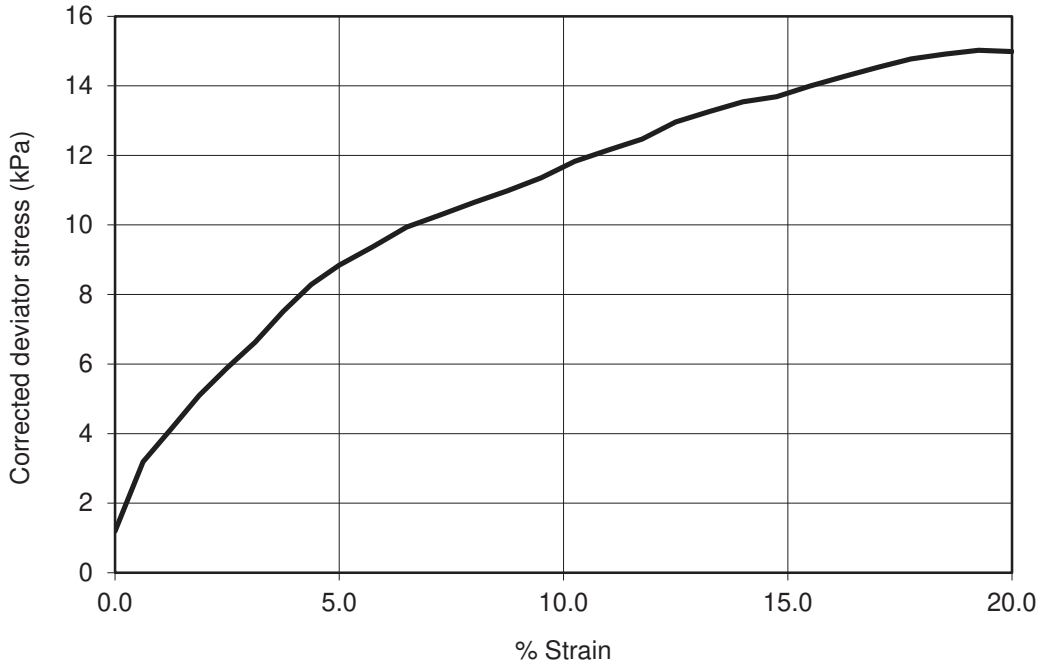
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH221 @ 7.5m Sample No. 141633

Description: Grey slightly sandy SILT/CLAY with shell fragments

Customer: Ballymore Group

Height (mm)	200	Diameter	102	Cell pressure(kPa)	150
Moisture Content %	42	Bulk density (Mg/m^3)	1.77	Dry density (Mg/m^3)	1.25



Strain at failure %	19.3	Cohesion C_u (kPa) (Undrained shear strength kPa)	8
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	0.72
Date received	-	Date tested	22/10/20

The result relates to the specimen in as received condition unless otherwise stated.
Any remaining material will be retained for one month.
*This Standard has been superceded by ISO17892-8:2018

Person authorised to approve report: J Barrett (Quality Manager)

IGSL Ltd.	IGSL Materials Laboratory	Approved by	Date	Page
			04/11/20	1 of 1

IGSL Ltd
Materials Laboratory
Unit F, M7 Business Park
Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

ISO 17025 IVNAB ACCREDITED TESTING DETAILED IN SCOPE REG NO. 1331

RECEIVED: 24/03/2025

Report no: R115171

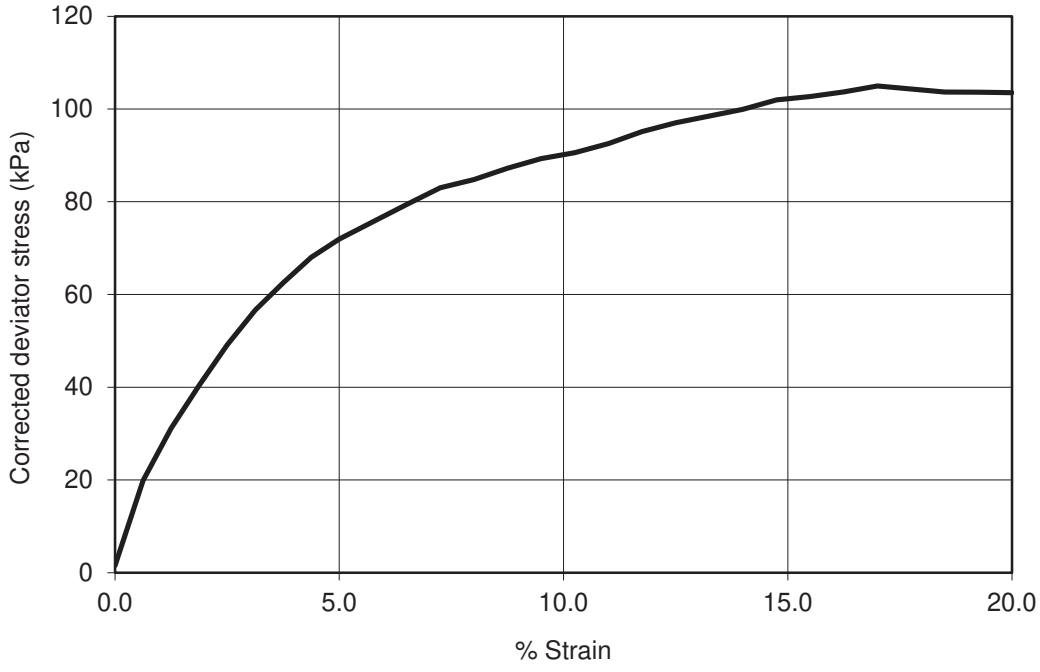
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH222A @ 1.5m Sample No. 141615

Description: Brown slightly sandy SILT/CLAY

Customer: Ballymore Group

Height (mm)	200	Diameter	102	Cell pressure(kPa)	30
Moisture Content %	29	Bulk density (Mg/m^3)	1.91	Dry density (Mg/m^3)	1.47



Strain at failure %	17	Cohesion C_u (kPa) (Undrained shear strength kPa)	52
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	0.66
Date received	-	Date tested	28/10/20

The result relates to the specimen in as received condition unless otherwise stated.
Any remaining material will be retained for one month.
*This Standard has been superceded by ISO17892-8:2018

Person authorised to approve report: J Barrett (Quality Manager)

IGSL Ltd.	IGSL Materials Laboratory	Approved by	Date	Page
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IGSL Ltd
Materials Laboratory
Unit F, M7 Business Park
Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

ISO 17025 IVNAB ACCREDITED TESTING DETAILED IN SCOPE REG NO. 1331

RECEIVED: 24/03/2025

Report no: R115172

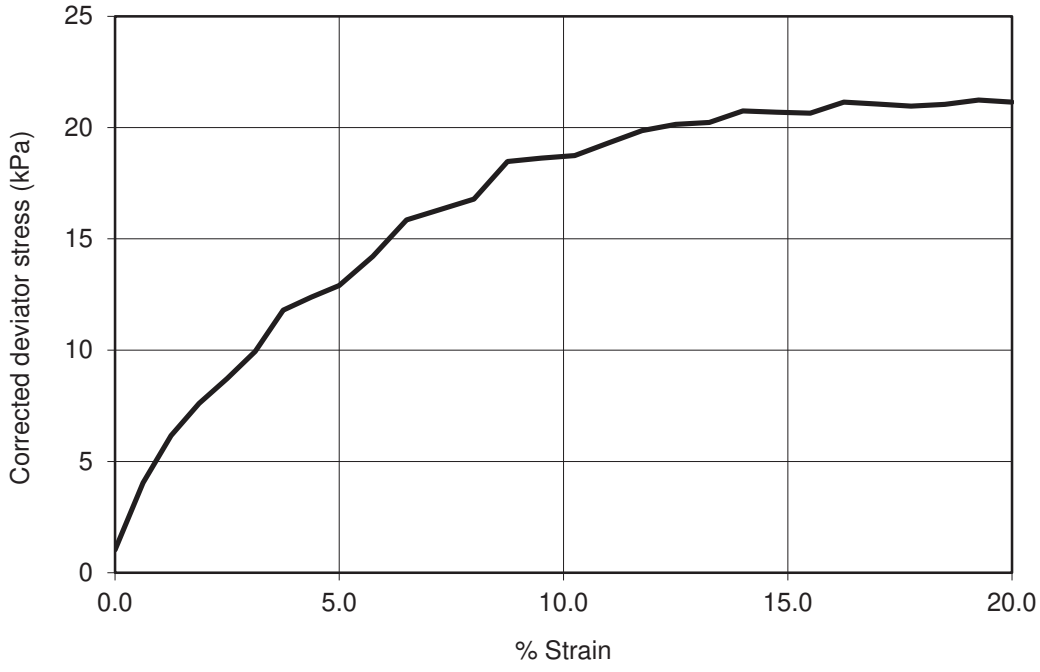
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH222A @ 9.5m Sample No. 141623

Description: Grey SILT/CLAY

Customer: Ballymore Group

Height (mm)	200	Diameter	102	Cell pressure(kPa)	190
Moisture Content %	56	Bulk density (Mg/m^3)	1.70	Dry density (Mg/m^3)	1.09



Strain at failure %	19.3	Cohesion C_u (kPa) (Undrained shear strength kPa)	11
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	0.72
Date received	-	Date tested	22/10/20

The result relates to the specimen in as received condition unless otherwise stated.
Any remaining material will be retained for one month.
*This Standard has been superceded by ISO17892-8:2018

Person authorised to approve report: J Barrett (Quality Manager)

IGSL Ltd.	IGSL Materials Laboratory	Approved by	Date	Page
			04/11/20	1 of 1

IGSL Ltd
Materials Laboratory
Unit F, M7 Business Park
Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

RECEIVED: 24/03/2025

Report no: R115193

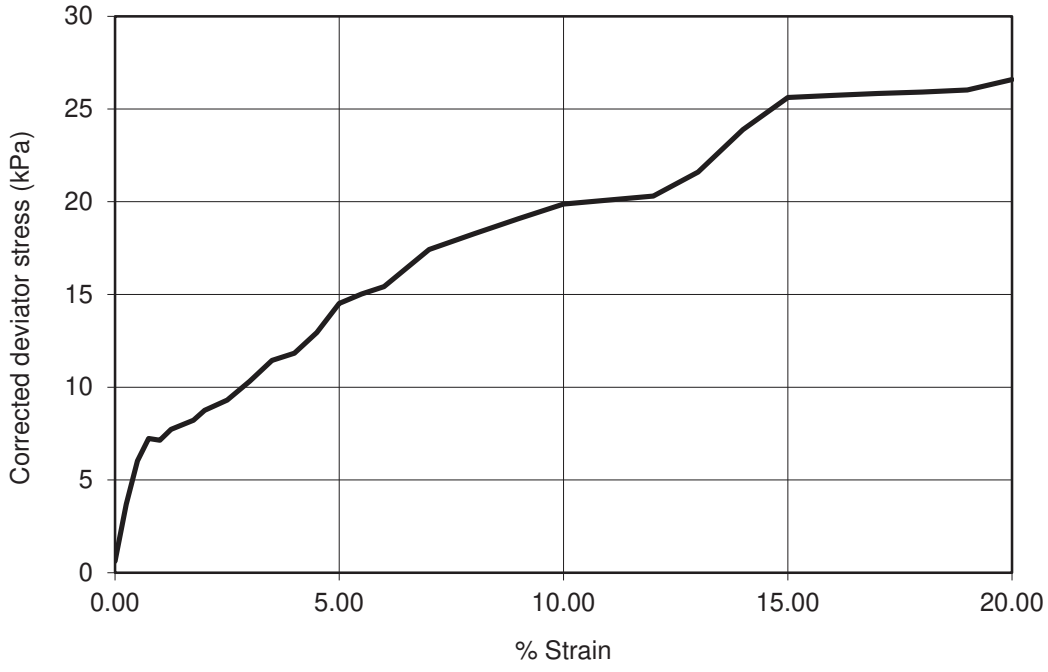
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH223 4.5m Sample No. 183909

Description: Grey slightly silty SAND with shell fragments

Customer: Ballymore

Height (mm)	76	Diameter	38	Cell pressure(kPa)	45
Moisture Content %	28	Bulk density (Mg/m^3)	1.83	Dry density (Mg/m^3)	1.43



Strain at failure %	20	Cohesion C_u (kPa) (Undrained shear strength kPa)	13
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	2
Date received	-	Date tested	17/11/20

The result relates to the specimen in as received condition unless otherwise stated.
Any remaining material will be retained for one month.
*This Standard has been superceded by ISO17892-8:2018

Person authorised to approve report: J Barrett (Quality Manager)

IGSL Ltd
Materials Laboratory
Unit F, M7 Business Park
Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

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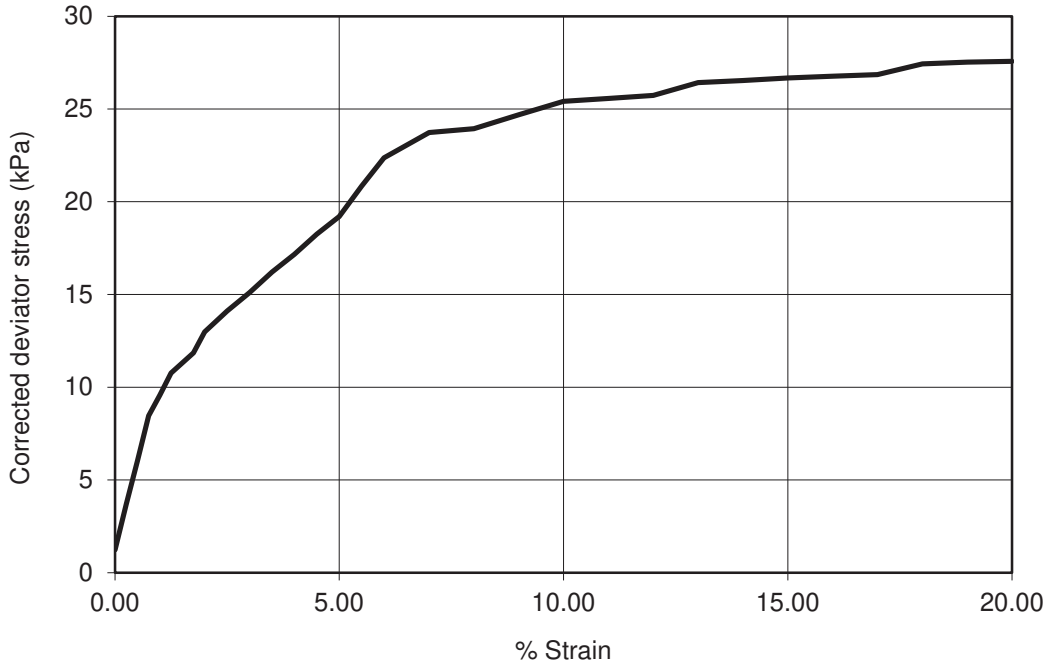
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH223 4.5m Sample No. 183909

Description: Grey slightly silty SAND with shell fragments

Customer: Ballymore group

Height (mm)	76	Diameter	38	Cell pressure(kPa)	90
Moisture Content %	27	Bulk density (Mg/m^3)	1.81	Dry density (Mg/m^3)	1.43



Strain at failure %	20	Cohesion C_u (kPa) (Undrained shear strength kPa)	14
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	2
Date received	-	Date tested	17/11/20

The result relates to the specimen in as received condition unless otherwise stated.
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Person authorised to approve report: J Barrett (Quality Manager)

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Materials Laboratory
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Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

RECEIVED: 24/03/2025

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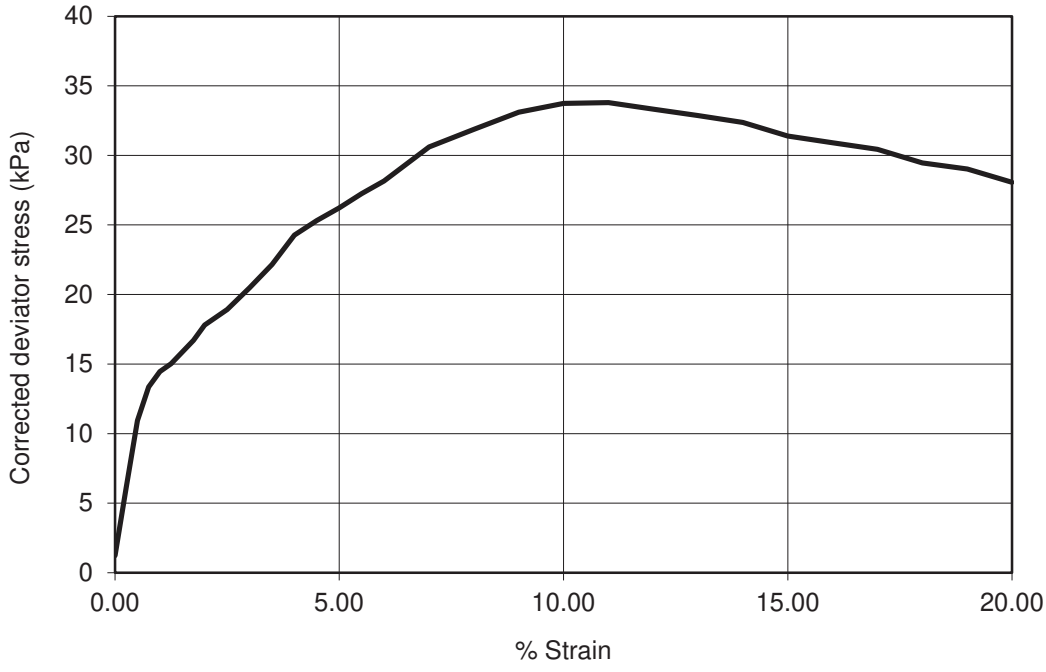
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH223 4.5m Sample No. 183909

Description: Grey slightly silty SAND with shell fragments

Customer: Ballymore Group

Height (mm)	76	Diameter	38	Cell pressure(kPa)	180
Moisture Content %	31	Bulk density (Mg/m^3)	1.80	Dry density (Mg/m^3)	1.37



Strain at failure %	11	Cohesion C_u (kPa) (Undrained shear strength kPa)	17
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	1.3
Date received	-	Date tested	17/11/20

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Person authorised to approve report: J Barrett (Quality Manager)

IGSL Ltd
Materials Laboratory
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045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

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Report no: R115194

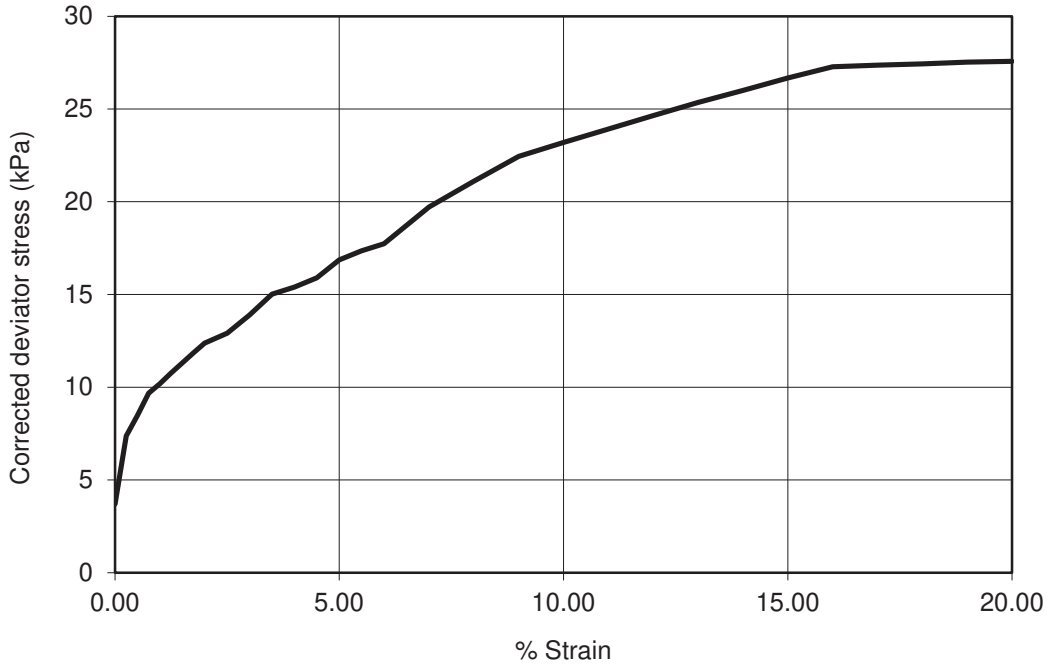
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH224 7.5m Sample No. 139473

Description: Grey SILT/CLAY with shell fragments

Customer: Ballymore Group

Height (mm)	76	Diameter	38	Cell pressure(kPa)	75
Moisture Content %	61	Bulk density (Mg/m^3)	1.67	Dry density (Mg/m^3)	1.04



Strain at failure %	20	Cohesion C_u (kPa) (Undrained shear strength kPa)	14
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	2
Date received	-	Date tested	17/11/20

The result relates to the specimen in as received condition unless otherwise stated.
Any remaining material will be retained for one month.
*This Standard has been superceded by ISO17892-8:2018

Person authorised to approve report: J Barrett (Quality Manager)

IGSL Ltd
Materials Laboratory
Unit F, M7 Business Park
Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

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Report no: R115194

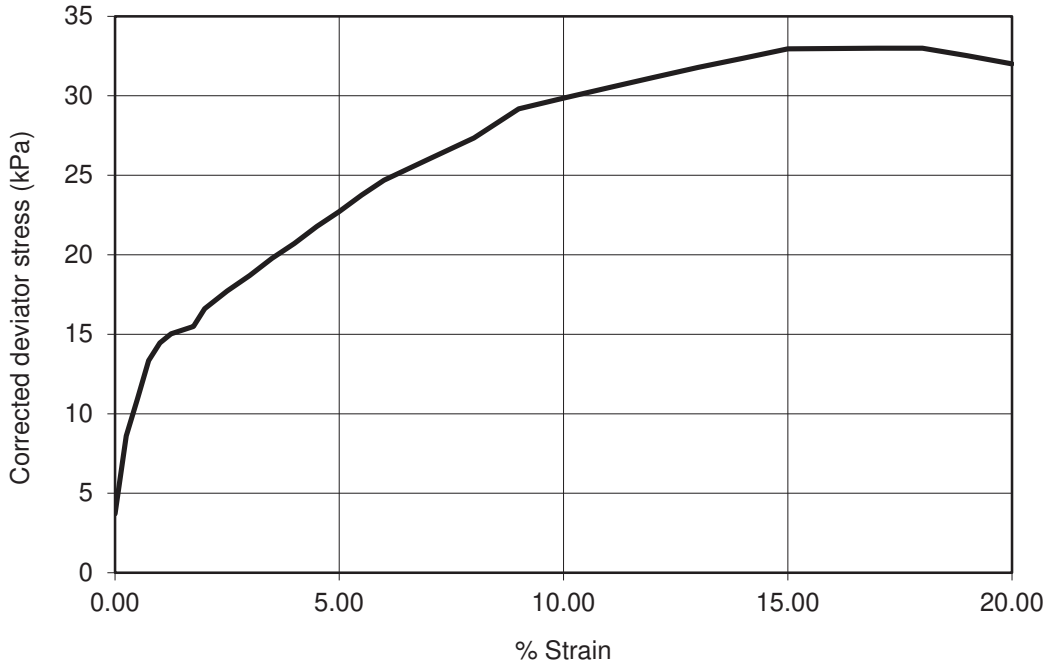
Contract Name: Harbour Point Bray Contract No: 22734

Location: BH224 7.5m Sample No. 139473

Description: Grey SILT/CLAY with shell fragments

Customer: Ballymore Group

Height (mm)	76	Diameter	38	Cell pressure(kPa)	150
Moisture Content %	60	Bulk density (Mg/m^3)	1.61	Dry density (Mg/m^3)	1.01



Strain at failure %	17	Cohesion C_u (kPa) (Undrained shear strength kPa)	16
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	1.78
Date received	-	Date tested	17/11/20

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Person authorised to approve report: J Barrett (Quality Manager)

IGSL Ltd
Materials Laboratory
Unit F, M7 Business Park
Naas
Co. Kildare

045-899324

Test Report

Undrained shear strength in triaxial compression
(without pore pressure measurement)

Tested in accordance with BS1377:Part 7:1990 clause 8
(definitive method)*

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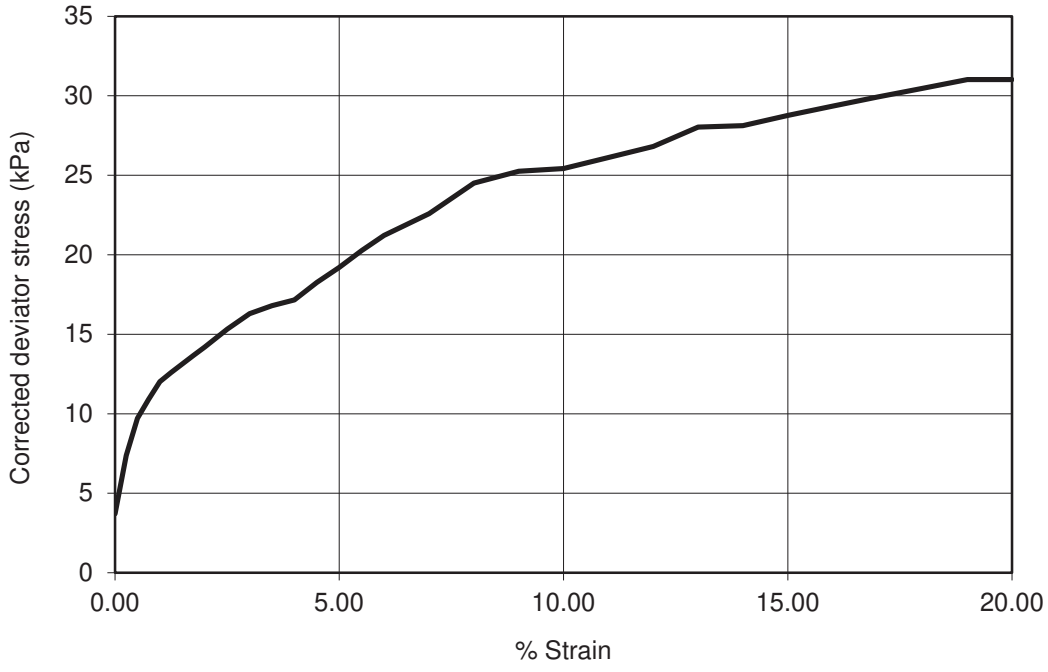
Contract Name: Harbour Point Bray | Contract No: 22734

Location: BH224 7.5m | Sample No. 139473

Description: Grey SILT/CLAY with shell fragments

Customer: Ballymore Group

Height (mm)	76	Diameter	38	Cell pressure(kPa)	300
Moisture Content %	59	Bulk density (Mg/m^3)	1.60	Dry density (Mg/m^3)	1.01



Strain at failure %	20	Cohesion C_u (kPa) (Undrained shear strength kPa)	16
Rate of strain (%/minute)	1.9		
Thickness of membrane	0.2	Membrane correction (at failure)	2
Date received	-	Date tested	17/11/20

The result relates to the specimen in as received condition unless otherwise stated.
Any remaining material will be retained for one month.
*This Standard has been superceded by ISO17892-8:2018

Person authorised to approve report: J Barrett (Quality Manager)

Determination of Permeability in a Triaxial Cell

BS1377:Part 6:1990, Clause 6

RECEIVED: 24/03/2025

Contract:	Harbour Point Bray	Contract No.	22734
Location:	BH223 8.5m	Sample No.	183917
Report No.	R117156	Customer:	Ballymore Group
Sample Received:		Testing started:	16/11/20

Method of Preparation: Undisturbed

Description: Grey SILT/CLAY with shell fragments

Specimen Dimensions: Height (mm) 102.1 Diameter (mm) 100.5

Specimen Conditions:	Initial	Final
Moisture Content (%)	46	35
Bulk Density (Mg/m^3)	1.81	1.94
Dry Density (Mg/m^3)	1.23	1.44

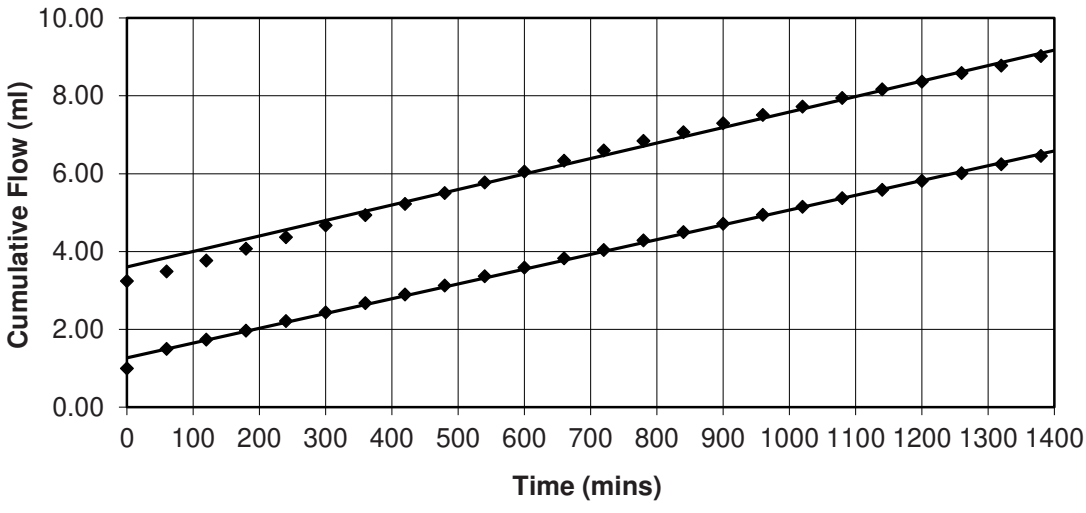
Saturation Stage
Method: Cell & back pressure stages Final *B* Value: 1.00
Duration of Stage (days): 2

Consolidation Stage

Cell Pressure (kPa)	450	Back Pressure (kPa)	370
Volume change (ml)	115.16	Duration of Stage (days)	5

Permeability Stage

Mean Effective Stress	70	Hydraulic gradient	21
Coefficient of Permeability (m/s)	4.32E-10	Duration of Stage (days)	1



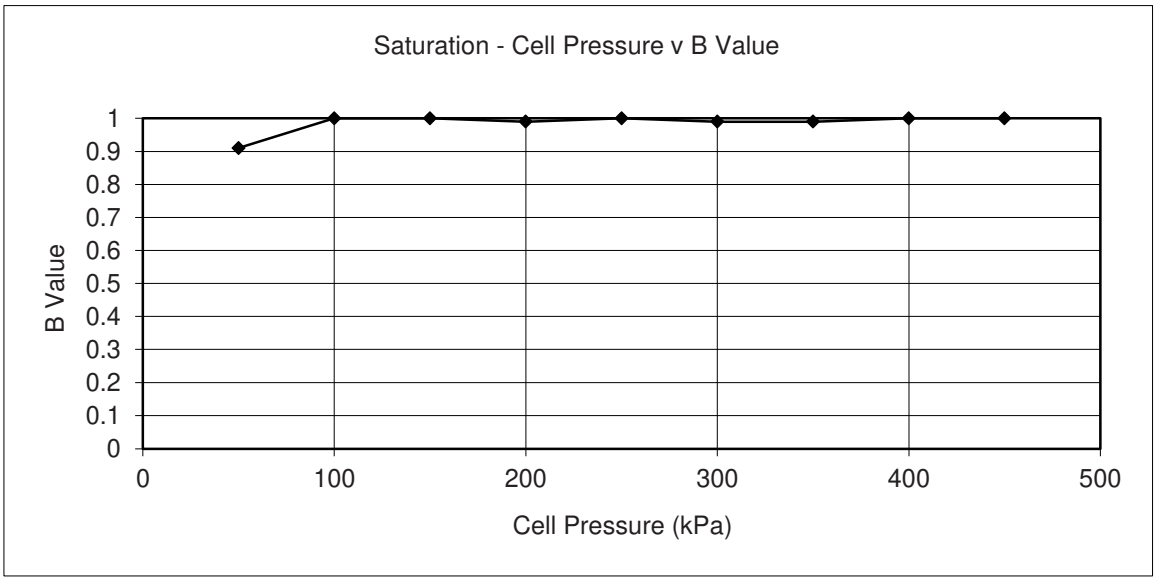
Total duration of test (days) 8

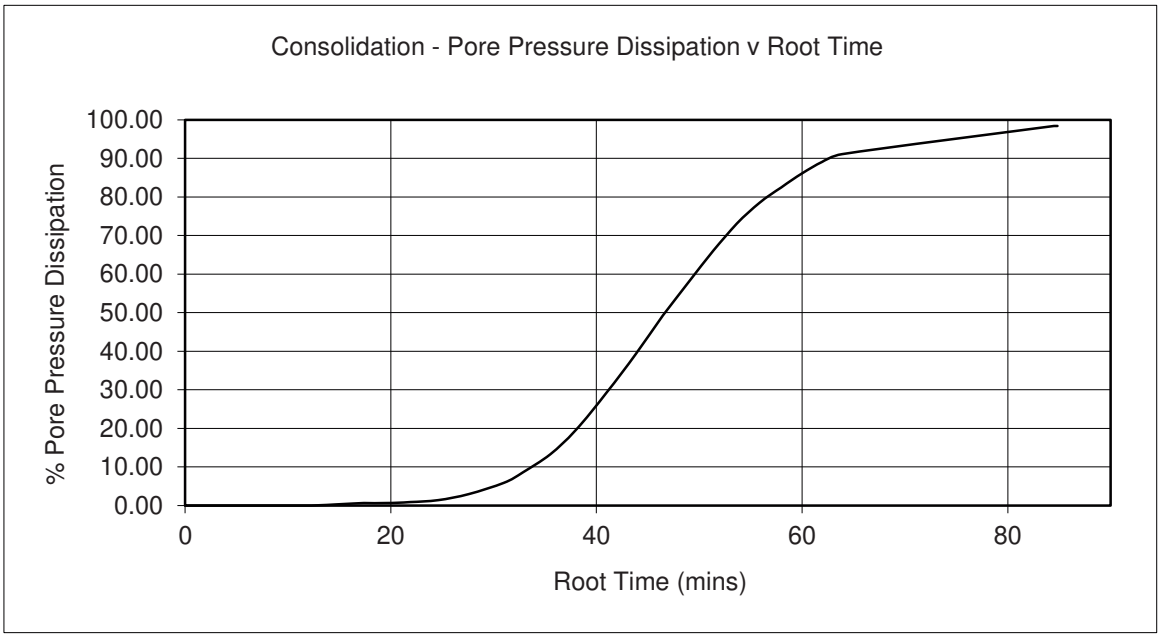
Determination of Permeability in a Triaxial Cell

BS1377:Part 6:1990, Clause 6

RECEIVED: 24/03/2025

Contract:	Harbour Point Bray	Contract No.	22734
Location:	BH223 8.5m	Sample No.	183917
Report No.	R117156	Customer:	Ballymore Group





The specimen was tested in as received condition unless otherwise stated

Approved signatories
- ☐ J Barrett (Quality Manager)
- ☐ H Byrne (Laboratory Manager)

Approved by	Date
	25/11/20

RECEIVED: 24/03/2025

Appendix 10

Chemical Testing – Soil

Chemtest Reports

Standard Report_20-22757-20200907 131844
Standard Report_20-22900-20200910 143129
Standard Report_20-22901-20200909 154226
Standard Report_20-23017-20200910 155415
Standard Report_20-26294-20201021 142357
Standard Report_20-28179-20201026 070240
Standard Report_20-30300-20210329 174332
Standard Report_20-32225-20201128 141228

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Tel: 01638 606070
Email: info@chemtest.com

UKAS TESTING
2183

RECEIVED: 24/03/2025

Final Report

Report No.:	20-22757-1
Initial Date of Issue:	07-Sep-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	GNI Bray
Quotation No.:	
Order No.:	
No. of Samples:	5
Turnaround (Wkdays):	7
Date Approved:	07-Sep-2020
Approved By:	
Details:	Glynn Harvey, Technical Manager

Date Received:	27-Aug-2020
Date Instructed:	28-Aug-2020
Results Due:	08-Sep-2020

Results - Leachate

Project: GNI Bray

Client: IGSL						**Chemtest Job No.:**	20-22757	20-22757	20-22757	20-22757
Quotation No.:						**Chemtest Sample ID.:**	1055000	1055001	1055002	1055003	1055005
						Sample Location:	WS01A	WS01B	WS03A	WS03A	WS10B
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	0.90	0.30	0.25	0.65	0.70
						Bottom Depth (m):	2.50	0.70	0.65	1.55	2.00
						Date Sampled:	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**						
pH	U	1010	10:1		N/A		8.8	8.4	8.0	9.0	9.2
Ammonium	U	1220	10:1	mg/l	0.050		0.050	< 0.050	0.065	< 0.050	< 0.050
Ammonium	N	1220	10:1	mg/kg	0.10		0.68	0.35	0.69	0.71	0.83
Boron (Dissolved)	U	1450	10:1	mg/kg	0.20		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Benzo[j]fluoranthene	N	1800	10:1	µg/l	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

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Results - Soil

Project: GNI Bray

Client: IGSL					**Chemtest Job No.:**	20-22757	20-22757	20-22757	20-22757
Quotation No.:					**Chemtest Sample ID.:**	1055000	1055001	1055002	1055003	1055005
					Sample Location:	WS01A	WS01B	WS03A	WS03A	WS10B
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	0.90	0.30	0.25	0.65	0.70
					Bottom Depth (m):	2.50	0.70	0.65	1.55	2.00
					Date Sampled:	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020
					Asbestos Lab:	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**						
ACM Type	U	2192		N/A		-	-	-	-	-
Asbestos Identification	U	2192	%	0.001		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A		-	-	-	-	-
Moisture	N	2030	%	0.020		3.9	11	12	2.4	3.4
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0		170	310	250	160	150
Boron (Hot Water Soluble)	U	2120	mg/kg	0.40		< 0.40	< 0.40	0.58	0.49	< 0.40
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010		0.011	< 0.010	< 0.010	< 0.010	< 0.010
Sulphur (Elemental)	U	2180	mg/kg	1.0		1.6	< 1.0	2.0	2.2	1.6
Chloride (Water Soluble)	U	2220	g/l	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Fluoride (Extractable)	N	2220	mg/kg	0.010		0.66	0.42	0.72	0.64	0.62
Nitrite (Extractable)	N	2220	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Nitrate (Water Soluble)	N	2220	g/l	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Phosphate (Available)	N	2420	mg/l	2.0		5.6	5.0	6.4	4.2	4.2
Cyanide (Total)	U	2300	mg/kg	0.50		1.6	3.4	1.8	0.60	2.3
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50		6.8	2.0	4.5	2.3	7.2
Sodium	N	2400	mg/l	2.0		55	60	26	17	14
Ammoniacal Nitrogen	U	2425	mg/kg	0.50		120	12	3.0	1.3	1.2
Sulphate (Total)	U	2430	mg/kg	100		110	300	710	170	< 100
Sulphate (Acid Soluble)	U	2430	%	0.010		0.13	0.042	0.11	0.082	0.057
Arsenic	U	2450	mg/kg	1.0		22	19	27	21	26
Barium	U	2450	mg/kg	10		28	61	61	21	31
Cadmium	U	2450	mg/kg	0.10		0.62	1.4	1.1	0.50	0.70
Chromium	U	2450	mg/kg	1.0		20	33	25	13	18
Molybdenum	U	2450	mg/kg	2.0		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Antimony	N	2450	mg/kg	2.0		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Copper	U	2450	mg/kg	0.50		16	18	21	7.8	12
Mercury	U	2450	mg/kg	0.10		< 0.10	0.13	0.14	< 0.10	< 0.10
Nickel	U	2450	mg/kg	0.50		26	41	31	18	26
Lead	U	2450	mg/kg	0.50		15	19	39	7.4	12
Selenium	U	2450	mg/kg	0.20		< 0.20	1.1	0.37	< 0.20	< 0.20
Zinc	U	2450	mg/kg	0.50		43	73	78	25	41
Chromium (Trivalent)	N	2490	mg/kg	1.0		20	33	25	13	18
Chromium (Hexavalent)	N	2490	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.40		< 0.40	0.64	1.9	< 0.40	< 0.40
Mineral Oil	N	2670	mg/kg	10		< 10	< 10	< 10	< 10	< 10
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22757	20-22757	20-22757	20-22757	20-22757
Quotation No.:			**Chemtest Sample ID.:**		1055000	1055001	1055002	1055003	1055005
			Sample Location:		WS01A	WS01B	WS03A	WS03A	WS10B
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.90	0.30	0.25	0.65	0.70
			Bottom Depth (m):		2.50	0.70	0.65	1.55	2.00
			Date Sampled:		24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**					
Aliphatic TPH >C8-C10	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C21-C35	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C21-C35	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	< 10	< 10	< 10	< 10	< 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	U	2760	µg/kg	20	< 20	< 20	< 20	< 20	< 20
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	U	2760	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	U	2760	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22757	20-22757	20-22757	20-22757	20-22757
Quotation No.:			**Chemtest Sample ID.:**		1055000	1055001	1055002	1055003	1055005
			Sample Location:		WS01A	WS01B	WS03A	WS03A	WS10B
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.90	0.30	0.25	0.65	0.70
			Bottom Depth (m):		2.50	0.70	0.65	1.55	2.00
			Date Sampled:		24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**					
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10
Toluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane	U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

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Results - Soil

Project: GNI Bray

Client: IGSL			Chemtest Job No.:		20-22757	20-22757	20-22757	20-22757	20-22757
Quotation No.:			Chemtest Sample ID.:		1055000	1055001	1055002	1055003	1055005
			Sample Location:		WS01A	WS01B	WS03A	WS03A	WS10B
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.90	0.30	0.25	0.65	0.70
			Bottom Depth (m):		2.50	0.70	0.65	1.55	2.00
			Date Sampled:		24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**					
Bis-(2-Chloroethyl)Ether	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dimethylphthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,6-Dinitrotoluene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorophenylphenylether	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Diethyl Phthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

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Results - Soil

Project: GNI Bray

Client: IGSL			Chemtest Job No.:		20-22757	20-22757	20-22757	20-22757	20-22757
Quotation No.:			Chemtest Sample ID.:		1055000	1055001	1055002	1055003	1055005
			Sample Location:		WS01A	WS01B	WS03A	WS03A	WS10B
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.90	0.30	0.25	0.65	0.70
			Bottom Depth (m):		2.50	0.70	0.65	1.55	2.00
			Date Sampled:		24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**					
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Anthracene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Carbazole	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pyrene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Butylbenzyl Phthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chrysene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[k]fluoranthene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]pyrene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Indeno(1,2,3-c,d)Pyrene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenz(a,h)Anthracene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Acenaphthylene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Acenaphthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Fluorene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Phenanthrene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Anthracene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Fluoranthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Pyrene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[a]anthracene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chrysene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[b]fluoranthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[k]fluoranthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[a]pyrene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Indeno(1,2,3-c,d)Pyrene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[g,h,i]perylene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

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Results - Soil

Project: GNI Bray

Client: IGSL					**Chemtest Job No.:**	20-22757	20-22757	20-22757	20-22757	20-22757
Quotation No.:					**Chemtest Sample ID.:**	1055000	1055001	1055002	1055003	1055005
					Sample Location:	WS01A	WS01B	WS03A	WS03A	WS10B
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	0.90	0.30	0.25	0.65	0.70
					Bottom Depth (m):	2.50	0.70	0.65	1.55	2.00
					Date Sampled:	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020	24-Aug-2020
					Asbestos Lab:	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**						
Coronene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Of 17 PAH's	N	2800	mg/kg	0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
PCB 28	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 52	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 90+101	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 118	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 153	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 138	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 180	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Total PCBs (7 congeners)	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Total Phenols	U	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
SVOC TIC	N	2790	mg/kg	N/A	None Detected	None Detected	None Detected	None Detected	None Detected
VOC TIC	N	2760	µg/kg	N/A	None Detected	None Detected	None Detected	None Detected	None Detected

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Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-22757						
Chemtest Sample ID:	1055000						
Sample Ref:							
Sample ID:							
Sample Location:	WS01A						
Top Depth(m):	0.90						
Bottom Depth(m):	2.50						
Sampling Date:	24-Aug-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	< 0.20	3	5	6
Loss On Ignition	2610	U	%	1.3	--	--	10
Total BTEX	2760	U	mg/kg	< 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	< 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		8.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.089	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0010	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0011	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0020	< 0.050	0.5	10	30
Nickel	1450	U	0.0027	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	< 0.0010	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.12	1.2	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	33	330	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.0	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	3.9

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-22757						
Chemtest Sample ID:	1055001						
Sample Ref:							
Sample ID:							
Sample Location:	WS01B						
Top Depth(m):	0.30						
Bottom Depth(m):	0.70						
Sampling Date:	24-Aug-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	0.37	3	5	6
Loss On Ignition	2610	U	%	2.4	--	--	10
Total BTEX	2760	U	mg/kg	< 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	< 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		7.8	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.025	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	0.0016	< 0.050	0.5	2	25
Barium	1450	U	0.0066	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	0.0023	< 0.050	0.5	10	70
Copper	1450	U	0.0020	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	< 0.0010	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	0.0012	0.012	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0048	< 0.50	4	50	200
Chloride	1220	U	1.7	17	800	15000	25000
Fluoride	1220	U	0.14	1.4	10	150	500
Sulphate	1220	U	3.1	31	1000	20000	50000
Total Dissolved Solids	1020	N	20	200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	22	220	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-22757						
Chemtest Sample ID:	1055002						
Sample Ref:							
Sample ID:							
Sample Location:	WS03A						
Top Depth(m):	0.25						
Bottom Depth(m):	0.65						
Sampling Date:	24-Aug-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	1.1	3	5	6
Loss On Ignition	2610	U	%	3.7	--	--	10
Total BTEX	2760	U	mg/kg	< 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	< 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.030	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0032	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0020	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0026	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0019	< 0.50	4	50	200
Chloride	1220	U	2.3	23	800	15000	25000
Fluoride	1220	U	0.23	2.3	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	72	710	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	6.9	69	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-22757						
Chemtest Sample ID:	1055003						
Sample Ref:							
Sample ID:							
Sample Location:	WS03A						
Top Depth(m):	0.65						
Bottom Depth(m):	1.55						
Sampling Date:	24-Aug-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	0.21	3	5	6
Loss On Ignition	2610	U	%	0.86	--	--	10
Total BTEX	2760	U	mg/kg	< 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	< 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		8.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.22	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	< 0.0010	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0025	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	< 0.0010	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.15	1.5	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	40	400	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.2	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	2.4

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-22757						
Chemtest Sample ID:	1055005						
Sample Ref:							
Sample ID:							
Sample Location:	WS10B						
Top Depth(m):	0.70						
Bottom Depth(m):	2.00						
Sampling Date:	24-Aug-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	0.23	3	5	6
Loss On Ignition	2610	U	%	0.91	--	--	10
Total BTEX	2760	U	mg/kg	< 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	< 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		9.0	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.22	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0011	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0026	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	< 0.0010	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.18	1.8	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	39	390	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.2	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	3.4

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Test Methods

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurememrt by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.
2400	Cations	Cations	ICP-MS
2420	Phosphate	Phosphate	Spectrophotometry - Discrete analyser
2425	Extractable Ammonium in soils	Ammonium	Extraction with potassium chloride solution / analysis by 'Aquakem 600' Discrete Analyser using sodium salicylate and sodium dichloroisocyanurate.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.

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Test Methods

SOP	Title	Parameters included	Method summary
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

UKAS TESTING
2183

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Final Report

Report No.:	20-22900-1
Initial Date of Issue:	10-Sep-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	GNI Bray

Quotation No.:		**Date Received:**	27-Aug-2020
Order No.:		**Date Instructed:**	02-Sep-2020
No. of Samples:	1		
Turnaround (Wkdays):	7	**Results Due:**	10-Sep-2020
Date Approved:	10-Sep-2020		

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Leachate

Project: GNI Bray

Client: IGSL				**Chemtest Job No.:**		20-22900
Quotation No.:				**Chemtest Sample ID.:**		1055659
				Sample Location:		WS04B
				Sample Type:		SOIL
				Top Depth (m):		3.00
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**	
pH	U	1010	10:1		N/A	8.7
Ammonium	U	1220	10:1	mg/l	0.050	0.054
Ammonium	N	1220	10:1	mg/kg	0.10	0.67
Boron (Dissolved)	U	1450	10:1	mg/kg	0.20	< 0.20
Benzo[j]fluoranthene	N	1800	10:1	µg/l	0.010	< 0.010

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22900
Quotation No.:			**Chemtest Sample ID.:**		1055659
			Sample Location:		WS04B
			Sample Type:		SOIL
			Top Depth (m):		3.00
			Asbestos Lab:		COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**	
ACM Type	U	2192		N/A	-
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-
Asbestos By Fibre Counting	U	2192	%	0.001	-
Moisture	N	2030	%	0.020	21
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0	[A] 220
Boron (Hot Water Soluble)	U	2120	mg/kg	0.40	[A] 0.47
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	[A] < 0.010
Sulphur (Elemental)	U	2180	mg/kg	1.0	[A] < 1.0
Chloride (Water Soluble)	U	2220	g/l	0.010	[A] < 0.010
Fluoride (Extractable)	N	2220	mg/kg	0.010	0.50
Nitrite (Extractable)	N	2220	mg/kg	0.10	0.28
Nitrate (Water Soluble)	N	2220	g/l	0.010	< 0.010
Phosphate (Available)	N	2420	mg/l	2.0	< 2.0
Cyanide (Total)	U	2300	mg/kg	0.50	[A] < 0.50
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	[A] 2.4
Ammoniacal Nitrogen	U	2425	mg/kg	0.50	[A] 3.5
Sodium (Total)	N	2430	mg/kg	10	130
Sulphate (Total)	U	2430	mg/kg	100	[A] 360
Sulphate (Acid Soluble)	U	2430	%	0.010	[A] 0.081
Arsenic	U	2450	mg/kg	1.0	15
Barium	U	2450	mg/kg	10	50
Cadmium	U	2450	mg/kg	0.10	0.90
Chromium	U	2450	mg/kg	1.0	26
Molybdenum	U	2450	mg/kg	2.0	< 2.0
Antimony	N	2450	mg/kg	2.0	< 2.0
Copper	U	2450	mg/kg	0.50	16
Mercury	U	2450	mg/kg	0.10	< 0.10
Nickel	U	2450	mg/kg	0.50	33
Lead	U	2450	mg/kg	0.50	25
Selenium	U	2450	mg/kg	0.20	0.42
Zinc	U	2450	mg/kg	0.50	67
Chromium (Trivalent)	N	2490	mg/kg	1.0	26
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50
Organic Matter	U	2625	%	0.40	[A] 0.76
Mineral Oil	N	2670	mg/kg	10	< 10
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[A] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[A] < 1.0
Aliphatic TPH >C8-C10	U	2680	mg/kg	1.0	[A] < 1.0

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22900
Quotation No.:			**Chemtest Sample ID.:**		1055659
			Sample Location:		WS04B
			Sample Type:		SOIL
			Top Depth (m):		3.00
			Asbestos Lab:		COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**	
Aliphatic TPH >C10-C12	U	2680	mg/kg	1.0	[A] < 1.0
Aliphatic TPH >C12-C16	U	2680	mg/kg	1.0	[A] < 1.0
Aliphatic TPH >C16-C21	U	2680	mg/kg	1.0	[A] < 1.0
Aliphatic TPH >C21-C35	U	2680	mg/kg	1.0	[A] < 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[A] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[A] < 1.0
Aromatic TPH >C8-C10	U	2680	mg/kg	1.0	[A] < 1.0
Aromatic TPH >C10-C12	U	2680	mg/kg	1.0	[A] < 1.0
Aromatic TPH >C12-C16	U	2680	mg/kg	1.0	[A] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[A] < 1.0
Aromatic TPH >C21-C35	U	2680	mg/kg	1.0	[A] < 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[A] < 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0	[A] < 1.0
Chloromethane	U	2760	µg/kg	1.0	[A] < 1.0
Vinyl Chloride	U	2760	µg/kg	1.0	[A] < 1.0
Bromomethane	U	2760	µg/kg	20	[A] < 20
Chloroethane	U	2760	µg/kg	2.0	[A] < 2.0
Trichlorofluoromethane	U	2760	µg/kg	1.0	[A] < 1.0
1,1-Dichloroethene	U	2760	mg/kg	1.0	[A] < 1.0
Trans 1,2-Dichloroethene	U	2760	mg/kg	1.0	[A] < 1.0
1,1-Dichloroethane	U	2760	µg/kg	1.0	[A] < 1.0
cis 1,2-Dichloroethene	U	2760	µg/kg	1.0	[A] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0	[A] < 5.0
Trichloromethane	U	2760	µg/kg	1.0	[A] < 1.0
1,1,1-Trichloroethane	U	2760	µg/kg	1.0	[A] < 1.0
Tetrachloromethane	U	2760	µg/kg	1.0	[A] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	[A] < 1.0
Benzene	U	2760	µg/kg	1.0	[A] < 1.0
1,2-Dichloroethane	U	2760	µg/kg	2.0	[A] < 2.0
Trichloroethene	N	2760	µg/kg	1.0	[A] < 1.0
1,2-Dichloropropane	U	2760	µg/kg	1.0	[A] < 1.0
Dibromomethane	U	2760	µg/kg	1.0	[A] < 1.0
Bromodichloromethane	U	2760	µg/kg	5.0	[A] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10
Toluene	U	2760	µg/kg	1.0	[A] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22900
Quotation No.:			**Chemtest Sample ID.:**		1055659
			Sample Location:		WS04B
			Sample Type:		SOIL
			Top Depth (m):		3.00
			Asbestos Lab:		COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**	
1,1,2-Trichloroethane	U	2760	µg/kg	10	[A] < 10
Tetrachloroethene	U	2760	µg/kg	1.0	[A] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	[A] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	[A] < 10
1,2-Dibromoethane	U	2760	µg/kg	5.0	[A] < 5.0
Chlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2.0	[A] < 2.0
Ethylbenzene	U	2760	µg/kg	1.0	[A] < 1.0
m & p-Xylene	U	2760	µg/kg	1.0	[A] < 1.0
o-Xylene	U	2760	µg/kg	1.0	[A] < 1.0
Styrene	U	2760	µg/kg	1.0	[A] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	[A] < 1.0
Isopropylbenzene	U	2760	µg/kg	1.0	[A] < 1.0
Bromobenzene	U	2760	µg/kg	1.0	[A] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	[A] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	[A] < 1.0
2-Chlorotoluene	U	2760	µg/kg	1.0	[A] < 1.0
1,3,5-Trimethylbenzene	U	2760	µg/kg	1.0	[A] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	[A] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0
1,2,4-Trimethylbenzene	U	2760	µg/kg	1.0	[A] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0
1,3-Dichlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	[A] < 1.0
1,4-Dichlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0
1,2-Dichlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	[A] < 50
1,2,4-Trichlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	[A] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	[A] < 2.0
Methyl Tert-Butyl Ether	U	2760	µg/kg	1.0	[A] < 1.0
N-Nitrosodimethylamine	U	2790	mg/kg	0.50	[A] < 0.50
Phenol	U	2790	mg/kg	0.50	[A] < 0.50
2-Chlorophenol	U	2790	mg/kg	0.50	[A] < 0.50
Bis-(2-Chloroethyl)Ether	U	2790	mg/kg	0.50	[A] < 0.50
1,3-Dichlorobenzene	U	2790	mg/kg	0.50	[A] < 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	[A] < 0.50
1,2-Dichlorobenzene	U	2790	mg/kg	0.50	[A] < 0.50
2-Methylphenol	U	2790	mg/kg	0.50	[A] < 0.50

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22900
Quotation No.:			**Chemtest Sample ID.:**		1055659
			Sample Location:		WS04B
			Sample Type:		SOIL
			Top Depth (m):		3.00
			Asbestos Lab:		COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**	
Bis(2-Chloroisopropyl)Ether	U	2790	mg/kg	0.50	[A] < 0.50
Hexachloroethane	N	2790	mg/kg	0.50	[A] < 0.50
N-Nitrosodi-n-propylamine	U	2790	mg/kg	0.50	[A] < 0.50
4-Methylphenol	U	2790	mg/kg	0.50	[A] < 0.50
Nitrobenzene	U	2790	mg/kg	0.50	[A] < 0.50
Isophorone	U	2790	mg/kg	0.50	[A] < 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	[A] < 0.50
Bis(2-Chloroethoxy)Methane	U	2790	mg/kg	0.50	[A] < 0.50
2,4-Dichlorophenol	U	2790	mg/kg	0.50	[A] < 0.50
1,2,4-Trichlorobenzene	U	2790	mg/kg	0.50	[A] < 0.50
Naphthalene	U	2790	mg/kg	0.50	[A] < 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	[A] < 0.50
Hexachlorobutadiene	U	2790	mg/kg	0.50	[A] < 0.50
4-Chloro-3-Methylphenol	U	2790	mg/kg	0.50	[A] < 0.50
2-Methylnaphthalene	U	2790	mg/kg	0.50	[A] < 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	[A] < 0.50
2,4,6-Trichlorophenol	U	2790	mg/kg	0.50	[A] < 0.50
2,4,5-Trichlorophenol	U	2790	mg/kg	0.50	[A] < 0.50
2-Chloronaphthalene	U	2790	mg/kg	0.50	[A] < 0.50
2-Nitroaniline	U	2790	mg/kg	0.50	[A] < 0.50
Acenaphthylene	U	2790	mg/kg	0.50	[A] < 0.50
Dimethylphthalate	U	2790	mg/kg	0.50	[A] < 0.50
2,6-Dinitrotoluene	U	2790	mg/kg	0.50	[A] < 0.50
Acenaphthene	U	2790	mg/kg	0.50	[A] < 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	[A] < 0.50
Dibenzofuran	U	2790	mg/kg	0.50	[A] < 0.50
4-Chlorophenylphenylether	U	2790	mg/kg	0.50	[A] < 0.50
2,4-Dinitrotoluene	U	2790	mg/kg	0.50	[A] < 0.50
Fluorene	U	2790	mg/kg	0.50	[A] < 0.50
Diethyl Phthalate	U	2790	mg/kg	0.50	[A] < 0.50
4-Nitroaniline	U	2790	mg/kg	0.50	[A] < 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	[A] < 0.50
Azobenzene	U	2790	mg/kg	0.50	[A] < 0.50
4-Bromophenylphenyl Ether	U	2790	mg/kg	0.50	[A] < 0.50
Hexachlorobenzene	U	2790	mg/kg	0.50	[A] < 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	[A] < 0.50
Phenanthrene	U	2790	mg/kg	0.50	[A] < 0.50
Anthracene	U	2790	mg/kg	0.50	[A] < 0.50

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22900
Quotation No.:			**Chemtest Sample ID.:**		1055659
			Sample Location:		WS04B
			Sample Type:		SOIL
			Top Depth (m):		3.00
			Asbestos Lab:		COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**	
Carbazole	U	2790	mg/kg	0.50	[A] < 0.50
Di-N-Butyl Phthalate	U	2790	mg/kg	0.50	[A] < 0.50
Fluoranthene	U	2790	mg/kg	0.50	[A] < 0.50
Pyrene	U	2790	mg/kg	0.50	[A] < 0.50
Butylbenzyl Phthalate	U	2790	mg/kg	0.50	[A] < 0.50
Benzo[a]anthracene	U	2790	mg/kg	0.50	[A] < 0.50
Chrysene	U	2790	mg/kg	0.50	[A] < 0.50
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	[A] < 0.50
Di-N-Octyl Phthalate	U	2790	mg/kg	0.50	[A] < 0.50
Benzo[b]fluoranthene	U	2790	mg/kg	0.50	[A] < 0.50
Benzo[k]fluoranthene	U	2790	mg/kg	0.50	[A] < 0.50
Benzo[a]pyrene	U	2790	mg/kg	0.50	[A] < 0.50
Indeno(1,2,3-c,d)Pyrene	U	2790	mg/kg	0.50	[A] < 0.50
Dibenz(a,h)Anthracene	U	2790	mg/kg	0.50	[A] < 0.50
Benzo[g,h,i]perylene	U	2790	mg/kg	0.50	[A] < 0.50
Naphthalene	N	2800	mg/kg	0.010	[A] < 0.010
Acenaphthylene	N	2800	mg/kg	0.010	[A] < 0.010
Acenaphthene	N	2800	mg/kg	0.010	[A] < 0.010
Fluorene	N	2800	mg/kg	0.010	[A] < 0.010
Phenanthrene	N	2800	mg/kg	0.010	[A] < 0.010
Anthracene	N	2800	mg/kg	0.010	[A] < 0.010
Fluoranthene	N	2800	mg/kg	0.010	[A] < 0.010
Pyrene	N	2800	mg/kg	0.010	[A] < 0.010
Benzo[a]anthracene	N	2800	mg/kg	0.010	[A] < 0.010
Chrysene	N	2800	mg/kg	0.010	[A] < 0.010
Benzo[b]fluoranthene	N	2800	mg/kg	0.010	[A] < 0.010
Benzo[k]fluoranthene	N	2800	mg/kg	0.010	[A] < 0.010
Benzo[a]pyrene	N	2800	mg/kg	0.010	[A] < 0.010
Indeno(1,2,3-c,d)Pyrene	N	2800	mg/kg	0.010	[A] < 0.010
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.010	[A] < 0.010
Benzo[g,h,i]perylene	N	2800	mg/kg	0.010	[A] < 0.010
Coronene	N	2800	mg/kg	0.010	[A] < 0.010
Total Of 17 PAH's	N	2800	mg/kg	0.20	[A] < 0.20
PCB 28	N	2815	mg/kg	0.0010	[A] < 0.0010
PCB 52	N	2815	mg/kg	0.0010	[A] < 0.0010
PCB 90+101	N	2815	mg/kg	0.0010	[A] < 0.0010
PCB 118	N	2815	mg/kg	0.0010	[A] < 0.0010
PCB 153	N	2815	mg/kg	0.0010	[A] < 0.0010
PCB 138	N	2815	mg/kg	0.0010	[A] < 0.0010
PCB 180	N	2815	mg/kg	0.0010	[A] < 0.0010

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22900
Quotation No.:			**Chemtest Sample ID.:**		1055659
			Sample Location:		WS04B
			Sample Type:		SOIL
			Top Depth (m):		3.00
			Asbestos Lab:		COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**	
Total PCBs (7 congeners)	N	2815	mg/kg	0.0010	[A] < 0.0010
Total Phenols	U	2920	mg/kg	0.30	< 0.30
SVOC TIC	N	2790	mg/kg	N/A	[A] None Detected
VOC TIC	N	2760	µg/kg	N/A	[A] None Detected

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Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-22900						
Chemtest Sample ID:	1055659						
Sample Ref:							
Sample ID:							
Sample Location:	WS04B						
Top Depth(m):	3.00						
Bottom Depth(m):							
Sampling Date:							
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	[A] 0.44	3	5	6
Loss On Ignition	2610	U	%	2.9	--	--	10
Total BTEX	2760	U	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	[A] < 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	[A] < 0.20	100	--	--
pH	2010	U		8.5	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.037	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0017	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0044	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0012	< 0.50	4	50	200
Chloride	1220	U	1.2	12	800	15000	25000
Fluoride	1220	U	0.23	2.3	10	150	500
Sulphate	1220	U	4.3	43	1000	20000	50000
Total Dissolved Solids	1020	N	78	780	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.1	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	21

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Deviations

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In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1055659			WS04B		A	Amber Glass 250ml
1055659			WS04B		A	Amber Glass 60ml
1055659			WS04B		A	Plastic Tub 500g

Test Methods

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measuremernt by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.
2420	Phosphate	Phosphate	Spectrophotometry - Discrete analyser
2425	Extractable Ammonium in soils	Ammonium	Extraction with potassium chloride solution / analysis by 'Aquakem 600' Discrete Analyser using sodium salicylate and sodium dichloroisocyanurate.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.

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Test Methods

SOP	Title	Parameters included	Method summary
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

UKAS TESTING
2183

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Final Report

Report No.:	20-22901-1
Initial Date of Issue:	09-Sep-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	GNI Bray
Quotation No.:	
Order No.:	
No. of Samples:	2
Turnaround (Wkdays):	5
Date Approved:	09-Sep-2020
Approved By:	
Details:	Glynn Harvey, Technical Manager

Date Received:	27-Aug-2020
Date Instructed:	02-Sep-2020
Results Due:	08-Sep-2020

Results - Leachate

Project: GNI Bray

Client: IGSL				**Chemtest Job No.:**		20-22901	20-22901
Quotation No.:				**Chemtest Sample ID.:**		1055661	1055663
				Sample Location:		WS04A	WS02A
				Sample Type:		SOIL	SOIL
				Top Depth (m):		0.85	0.55
				Bottom Depth (m):		1.70	1.80
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**		
pH	U	1010	10:1		N/A	8.5	8.8
Ammonium	U	1220	10:1	mg/l	0.050	0.12	0.055
Ammonium	N	1220	10:1	mg/kg	0.10	1.4	0.73
Boron (Dissolved)	U	1450	10:1	mg/kg	0.20	0.24	< 0.20
Benzo[j]fluoranthene	N	1800	10:1	µg/l	0.010	< 0.010	< 0.010

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22901	20-22901
Quotation No.:			**Chemtest Sample ID.:**		1055661	1055663
			Sample Location:		WS04A	WS02A
			Sample Type:		SOIL	SOIL
			Top Depth (m):		0.85	0.55
			Bottom Depth (m):		1.70	1.80
			Asbestos Lab:		DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**		
ACM Type	U	2192		N/A	-	-
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-
Asbestos By Fibre Counting	U	2192	%	0.001	-	-
Moisture	N	2030	%	0.020	21	22
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0	[A] 500	[A] 170
Boron (Hot Water Soluble)	U	2120	mg/kg	0.40	0.53	0.58
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	0.037	< 0.010
Sulphur (Elemental)	U	2180	mg/kg	1.0	[A] 62	[A] 1.6
Chloride (Water Soluble)	U	2220	g/l	0.010	[A] 0.026	[A] < 0.010
Fluoride (Extractable)	N	2220	mg/kg	0.010	0.98	0.50
Nitrite (Extractable)	N	2220	mg/kg	0.10	1.7	0.10
Nitrate (Water Soluble)	N	2220	g/l	0.010	< 0.010	< 0.010
Phosphate (Available)	N	2420	mg/l	2.0	28	10
Cyanide (Total)	U	2300	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	[A] 6.7	[A] 7.7
Ammoniacal Nitrogen	U	2425	mg/kg	0.50	[A] 2.9	[A] 0.61
Sodium (Total)	N	2430	mg/kg	10	200	190
Sulphate (Total)	U	2430	mg/kg	100	[A] 1500	[A] 290
Sulphate (Acid Soluble)	U	2430	%	0.010	[A] 0.078	[A] < 0.010
Arsenic	U	2450	mg/kg	1.0	17	23
Barium	U	2450	mg/kg	10	43	25
Cadmium	U	2450	mg/kg	0.10	1.2	0.78
Chromium	U	2450	mg/kg	1.0	18	15
Molybdenum	U	2450	mg/kg	2.0	< 2.0	< 2.0
Antimony	N	2450	mg/kg	2.0	< 2.0	< 2.0
Copper	U	2450	mg/kg	0.50	15	12
Mercury	U	2450	mg/kg	0.10	< 0.10	< 0.10
Nickel	U	2450	mg/kg	0.50	23	23
Lead	U	2450	mg/kg	0.50	34	13
Selenium	U	2450	mg/kg	0.20	0.53	< 0.20
Zinc	U	2450	mg/kg	0.50	69	41
Chromium (Trivalent)	N	2490	mg/kg	1.0	18	15
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.40	[A] 1.1	[A] 0.57
Mineral Oil	N	2670	mg/kg	10	< 10	< 10
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22901	20-22901
Quotation No.:			**Chemtest Sample ID.:**		1055661	1055663
			Sample Location:		WS04A	WS02A
			Sample Type:		SOIL	SOIL
			Top Depth (m):		0.85	0.55
			Bottom Depth (m):		1.70	1.80
			Asbestos Lab:		DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**		
Aliphatic TPH >C8-C10	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C10-C12	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C12-C16	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C16-C21	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C21-C35	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0	[A] < 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C8-C10	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C10-C12	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C12-C16	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C21-C35	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0	[A] < 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[A] < 10	[A] < 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Chloromethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Vinyl Chloride	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Bromomethane	U	2760	µg/kg	20	[A] < 20	[A] < 20
Chloroethane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0
Trichlorofluoromethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloroethene	U	2760	mg/kg	1.0	[A] < 1.0	[A] < 1.0
Trans 1,2-Dichloroethene	U	2760	mg/kg	1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloroethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
cis 1,2-Dichloroethene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0
Trichloromethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,1,1-Trichloroethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Tetrachloromethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Benzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,2-Dichloroethane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0
Trichloroethene	N	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,2-Dichloropropane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Dibromomethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Bromodichloromethane	U	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10	[A] < 10

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22901	20-22901
Quotation No.:			**Chemtest Sample ID.:**		1055661	1055663
			Sample Location:		WS04A	WS02A
			Sample Type:		SOIL	SOIL
			Top Depth (m):		0.85	0.55
			Bottom Depth (m):		1.70	1.80
			Asbestos Lab:		DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**		
Toluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10	[A] < 10
1,1,2-Trichloroethane	U	2760	µg/kg	10	[A] < 10	[A] < 10
Tetrachloroethene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	[A] < 10	[A] < 10
1,2-Dibromoethane	U	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0
Chlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0
Ethylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
m & p-Xylene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
o-Xylene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Styrene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Isopropylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Bromobenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	[A] < 50	[A] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
2-Chlorotoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,3,5-Trimethylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,2,4-Trimethylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,3-Dichlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,4-Dichlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,2-Dichlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	[A] < 50	[A] < 50
1,2,4-Trichlorobenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0
Methyl Tert-Butyl Ether	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
N-Nitrosodimethylamine	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Phenol	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2-Chlorophenol	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Bis-(2-Chloroethyl)Ether	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
1,3-Dichlorobenzene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50

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Results - Soil

Project: GNI Bray

Client: IGSL			Chemtest Job No.:		20-22901	20-22901
Quotation No.:			Chemtest Sample ID.:		1055661	1055663
			Sample Location:		WS04A	WS02A
			Sample Type:		SOIL	SOIL
			Top Depth (m):		0.85	0.55
			Bottom Depth (m):		1.70	1.80
			Asbestos Lab:		DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**		
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
1,2-Dichlorobenzene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2-Methylphenol	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Bis(2-Chloroisopropyl)Ether	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Hexachloroethane	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
N-Nitrosodi-n-propylamine	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
4-Methylphenol	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Nitrobenzene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Isophorone	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Bis(2-Chloroethoxy)Methane	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2,4-Dichlorophenol	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
1,2,4-Trichlorobenzene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Naphthalene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Hexachlorobutadiene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
4-Chloro-3-Methylphenol	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2-Methylnaphthalene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2,4,6-Trichlorophenol	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2,4,5-Trichlorophenol	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2-Chloronaphthalene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2-Nitroaniline	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Acenaphthylene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Dimethylphthalate	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2,6-Dinitrotoluene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Acenaphthene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Dibenzofuran	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
4-Chlorophenylphenylether	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2,4-Dinitrotoluene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Fluorene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Diethyl Phthalate	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
4-Nitroaniline	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Azobenzene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
4-Bromophenylphenyl Ether	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22901	20-22901
Quotation No.:			**Chemtest Sample ID.:**		1055661	1055663
			Sample Location:		WS04A	WS02A
			Sample Type:		SOIL	SOIL
			Top Depth (m):		0.85	0.55
			Bottom Depth (m):		1.70	1.80
			Asbestos Lab:		DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**		
Hexachlorobenzene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Phenanthrene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Anthracene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Carbazole	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Di-N-Butyl Phthalate	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Fluoranthene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Pyrene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Butylbenzyl Phthalate	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Benzo[a]anthracene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Chrysene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Di-N-Octyl Phthalate	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Benzo[b]fluoranthene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Benzo[k]fluoranthene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Benzo[a]pyrene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Indeno(1,2,3-c,d)Pyrene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Dibenz(a,h)Anthracene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Benzo[g,h,i]perylene	U	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Naphthalene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Acenaphthylene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Acenaphthene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Fluorene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Phenanthrene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Anthracene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Fluoranthene	N	2800	mg/kg	0.010	[A] 0.18	[A] < 0.010
Pyrene	N	2800	mg/kg	0.010	[A] 0.20	[A] < 0.010
Benzo[a]anthracene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Chrysene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Benzo[b]fluoranthene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Benzo[k]fluoranthene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Benzo[a]pyrene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Indeno(1,2,3-c,d)Pyrene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Benzo[g,h,i]perylene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Coronene	N	2800	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Total Of 17 PAH's	N	2800	mg/kg	0.20	[A] 0.38	[A] < 0.20
PCB 28	N	2815	mg/kg	0.0010	[A] < 0.0010	[A] < 0.0010
PCB 52	N	2815	mg/kg	0.0010	[A] < 0.0010	[A] < 0.0010

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-22901	20-22901
Quotation No.:			**Chemtest Sample ID.:**		1055661	1055663
			Sample Location:		WS04A	WS02A
			Sample Type:		SOIL	SOIL
			Top Depth (m):		0.85	0.55
			Bottom Depth (m):		1.70	1.80
			Asbestos Lab:		DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**		
PCB 90+101	N	2815	mg/kg	0.0010	[A] < 0.0010	[A] < 0.0010
PCB 118	N	2815	mg/kg	0.0010	[A] < 0.0010	[A] < 0.0010
PCB 153	N	2815	mg/kg	0.0010	[A] < 0.0010	[A] < 0.0010
PCB 138	N	2815	mg/kg	0.0010	[A] < 0.0010	[A] < 0.0010
PCB 180	N	2815	mg/kg	0.0010	[A] < 0.0010	[A] < 0.0010
Total PCBs (7 congeners)	N	2815	mg/kg	0.0010	[A] < 0.0010	[A] < 0.0010
Total Phenols	U	2920	mg/kg	0.30	< 0.30	< 0.30
SVOC TIC	N	2790	mg/kg	N/A	[A] None Detected	[A] None Detected
VOC TIC	N	2760	µg/kg	N/A	[A] None Detected	[A] None Detected

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Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-22901						
Chemtest Sample ID:	1055661						
Sample Ref:							
Sample ID:							
Sample Location:	WS04A						
Top Depth(m):	0.85						
Bottom Depth(m):	1.70						
Sampling Date:							
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	[A] 0.63	3	5	6
Loss On Ignition	2610	U	%	2.3	--	--	10
Total BTEX	2760	U	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	[A] < 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	[A] 0.38	100	--	--
pH	2010	U		9.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.040	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	0.0020	< 0.050	0.5	2	25
Barium	1450	U	0.0073	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0011	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.012	0.12	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	0.0010	0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	< 0.0010	< 0.50	4	50	200
Chloride	1220	U	1.2	12	800	15000	25000
Fluoride	1220	U	0.28	2.8	10	150	500
Sulphate	1220	U	45	450	1000	20000	50000
Total Dissolved Solids	1020	N	130	1300	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.6	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	21

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-22901						
Chemtest Sample ID:	1055663						
Sample Ref:							
Sample ID:							
Sample Location:	WS02A						
Top Depth(m):	0.55						
Bottom Depth(m):	1.80						
Sampling Date:							
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	[A] 0.33	3	5	6
Loss On Ignition	2610	U	%	0.87	--	--	10
Total BTEX	2760	U	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	[A] < 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	[A] < 0.20	100	--	--
pH	2010	U		9.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.022	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0012	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0058	0.058	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	< 0.0010	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.14	1.4	10	150	500
Sulphate	1220	U	2.0	20	1000	20000	50000
Total Dissolved Solids	1020	N	49	490	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	< 2.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	22

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Deviations

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In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1055661			WS04A		A	Amber Glass 250ml
1055661			WS04A		A	Amber Glass 60ml
1055661			WS04A		A	Plastic Tub 500g
1055663			WS02A		A	Amber Glass 250ml
1055663			WS02A		A	Amber Glass 60ml
1055663			WS02A		A	Plastic Tub 500g

Test Methods

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measuremernt by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.
2420	Phosphate	Phosphate	Spectrophotometry - Discrete analyser
2425	Extractable Ammonium in soils	Ammonium	Extraction with potassium chloride solution / analysis by 'Aquakem 600' Discrete Analyser using sodium salicylate and sodium dichloroisocyanurate.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.

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Test Methods

SOP	Title	Parameters included	Method summary
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

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Final Report

Report No.:	20-23017-1
Initial Date of Issue:	10-Sep-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	GNI Bray
Quotation No.:	Q20-19951
Order No.:	
No. of Samples:	3
Turnaround (Wkdays):	7
Date Approved:	10-Sep-2020
Approved By:	
Details:	Glynn Harvey, Technical Manager

Date Received:	28-Aug-2020
Date Instructed:	02-Sep-2020
Results Due:	10-Sep-2020

Results - Leachate

Project: GNI Bray

Client: IGSL				**Chemtest Job No.:**		20-23017	20-23017	20-23017
Quotation No.: Q20-19951				**Chemtest Sample ID.:**		1056125	1056127	1056130
				Sample Location:		WS05B	WS05A	WS02B
				Sample Type:		SOIL	SOIL	SOIL
				Top Depth (m):		2.00	0.20	0.25
				Bottom Depth (m):		3.00	1.00	0.75
				Date Sampled:		26-Aug-2020	26-Aug-2020	26-Aug-2020
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**			
pH	U	1010	10:1		N/A	8.6	8.8	8.5
Ammonium	U	1220	10:1	mg/l	0.050	0.056	< 0.050	0.078
Ammonium	N	1220	10:1	mg/kg	0.10	0.69	0.45	0.92
Boron (Dissolved)	U	1450	10:1	mg/kg	0.20	0.54	0.27	< 0.20
Benzo[j]fluoranthene	N	1800	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010

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Results - Soil

Project: GNI Bray

Client: IGSL				**Chemtest Job No.:**	20-23017	20-23017	20-23017
Quotation No.: Q20-19951				**Chemtest Sample ID.:**	1056125	1056127	1056130
				Sample Location:	WS05B	WS05A	WS02B
				Sample Type:	SOIL	SOIL	SOIL
				Top Depth (m):	2.00	0.20	0.25
				Bottom Depth (m):	3.00	1.00	0.75
				Date Sampled:	26-Aug-2020	26-Aug-2020	26-Aug-2020
				Asbestos Lab:	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
ACM Type	U	2192		N/A	-	-	-
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-
Asbestos By Fibre Counting	U	2192	%	0.001	-	-	-
Moisture	N	2030	%	0.020	20	21	21
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0	770	710	570
Boron (Hot Water Soluble)	U	2120	mg/kg	0.40	[B] 1.4	[B] 1.6	[B] < 0.40
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	[B] 0.22	[B] 0.21	[B] 0.14
Sulphur (Elemental)	U	2180	mg/kg	1.0	8.9	12	25
Chloride (Water Soluble)	U	2220	g/l	0.010	0.048	0.044	< 0.010
Fluoride (Extractable)	N	2220	mg/kg	0.010	1.2	1.3	0.24
Nitrite (Extractable)	N	2220	mg/kg	0.10	0.48	0.32	< 0.10
Nitrate (Water Soluble)	N	2220	g/l	0.010	< 0.010	< 0.010	< 0.010
Phosphate (Available)	N	2420	mg/l	2.0	10	20	4.6
Cyanide (Total)	U	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	6.7	5.2	2.6
Ammoniacal Nitrogen	U	2425	mg/kg	0.50	1.3	0.59	2.0
Sodium (Total)	N	2430	mg/kg	10	420	240	100
Sulphate (Total)	U	2430	mg/kg	100	750	940	< 100
Sulphate (Acid Soluble)	U	2430	%	0.010	0.059	0.035	0.057
Arsenic	U	2450	mg/kg	1.0	17	19	25
Barium	U	2450	mg/kg	10	51	64	32
Cadmium	U	2450	mg/kg	0.10	0.72	0.72	0.39
Chromium	U	2450	mg/kg	1.0	15	22	28
Molybdenum	U	2450	mg/kg	2.0	< 2.0	< 2.0	< 2.0
Antimony	N	2450	mg/kg	2.0	< 2.0	< 2.0	< 2.0
Copper	U	2450	mg/kg	0.50	18	24	34
Mercury	U	2450	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Nickel	U	2450	mg/kg	0.50	22	31	36
Lead	U	2450	mg/kg	0.50	31	31	19
Selenium	U	2450	mg/kg	0.20	0.28	0.22	0.37
Zinc	U	2450	mg/kg	0.50	69	90	96
Chromium (Trivalent)	N	2490	mg/kg	1.0	15	22	28
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.40	1.2	0.83	< 0.40
Mineral Oil	N	2670	mg/kg	10	< 10	< 10	< 10
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0

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Results - Soil

Project: GNI Bray

Client: IGSL					**Chemtest Job No.:**	20-23017	20-23017	20-23017
Quotation No.: Q20-19951					**Chemtest Sample ID.:**	1056125	1056127	1056130
					Sample Location:	WS05B	WS05A	WS02B
					Sample Type:	SOIL	SOIL	SOIL
					Top Depth (m):	2.00	0.20	0.25
					Bottom Depth (m):	3.00	1.00	0.75
					Date Sampled:	26-Aug-2020	26-Aug-2020	26-Aug-2020
					Asbestos Lab:	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C8-C10	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C10-C12	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C12-C16	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C21-C35	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0	
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aromatic TPH >C8-C10	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aromatic TPH >C10-C12	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aromatic TPH >C12-C16	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	4.4	< 1.0	
Aromatic TPH >C21-C35	U	2680	mg/kg	1.0	< 1.0	67	< 1.0	
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	71	< 5.0	
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	< 10	71	< 10	
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
Chloromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
Vinyl Chloride	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
Bromomethane	U	2760	µg/kg	20	< 20	< 20	< 20	
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	
Trichlorofluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloroethene	U	2760	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
Trans 1,2-Dichloroethene	U	2760	mg/kg	1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloroethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
cis 1,2-Dichloroethene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	
Trichloromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
1,1,1-Trichloroethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
Tetrachloromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
Benzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichloropropane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	
Dibromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-23017	20-23017	20-23017
Quotation No.: Q20-19951			**Chemtest Sample ID.:**		1056125	1056127	1056130
			Sample Location:		WS05B	WS05A	WS02B
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		2.00	0.20	0.25
			Bottom Depth (m):		3.00	1.00	0.75
			Date Sampled:		26-Aug-2020	26-Aug-2020	26-Aug-2020
			Asbestos Lab:		DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Bromodichloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10
Toluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10
1,1,2-Trichloroethane	U	2760	µg/kg	10	< 10	< 10	< 10
Tetrachloroethene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10	< 10
1,2-Dibromoethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
o-Xylene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Styrene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50	< 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Phenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50

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Results - Soil

Project: GNI Bray

Client: IGSL					**Chemtest Job No.:**	20-23017	20-23017	20-23017
Quotation No.: Q20-19951					**Chemtest Sample ID.:**	1056125	1056127	1056130
					Sample Location:	WS05B	WS05A	WS02B
					Sample Type:	SOIL	SOIL	SOIL
					Top Depth (m):	2.00	0.20	0.25
					Bottom Depth (m):	3.00	1.00	0.75
					Date Sampled:	26-Aug-2020	26-Aug-2020	26-Aug-2020
					Asbestos Lab:	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
2-Chlorophenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Bis-(2-Chloroethyl)Ether	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
1,3-Dichlorobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
1,2-Dichlorobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2-Methylphenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Bis(2-Chloroisopropyl)Ether	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
N-Nitrosodi-n-propylamine	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
4-Methylphenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Nitrobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Isophorone	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Bis(2-Chloroethoxy)Methane	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2,4-Dichlorophenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
1,2,4-Trichlorobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Naphthalene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Hexachlorobutadiene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
4-Chloro-3-Methylphenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2-Methylnaphthalene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2,4,6-Trichlorophenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2,4,5-Trichlorophenol	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2-Chloronaphthalene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2-Nitroaniline	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Acenaphthylene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Dimethylphthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2,6-Dinitrotoluene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Acenaphthene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Dibenzofuran	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
4-Chlorophenylphenylether	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
2,4-Dinitrotoluene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Fluorene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	
Diethyl Phthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	

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Results - Soil

Project: GNI Bray

Client: IGSL			**Chemtest Job No.:**		20-23017	20-23017	20-23017
Quotation No.: Q20-19951			**Chemtest Sample ID.:**		1056125	1056127	1056130
			Sample Location:		WS05B	WS05A	WS02B
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		2.00	0.20	0.25
			Bottom Depth (m):		3.00	1.00	0.75
			Date Sampled:		26-Aug-2020	26-Aug-2020	26-Aug-2020
			Asbestos Lab:		DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
4-Nitroaniline	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Azobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Anthracene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Carbazole	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	U	2790	mg/kg	0.50	0.94	0.96	< 0.50
Pyrene	U	2790	mg/kg	0.50	0.70	1.0	< 0.50
Butylbenzyl Phthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	U	2790	mg/kg	0.50	< 0.50	0.67	< 0.50
Chrysene	U	2790	mg/kg	0.50	< 0.50	0.70	< 0.50
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	U	2790	mg/kg	0.50	< 0.50	0.89	< 0.50
Benzo[k]fluoranthene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Benzo[a]pyrene	U	2790	mg/kg	0.50	< 0.50	0.85	< 0.50
Indeno(1,2,3-c,d)Pyrene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Dibenz(a,h)Anthracene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene	U	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Naphthalene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Acenaphthylene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Acenaphthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Fluorene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Phenanthrene	N	2800	mg/kg	0.010	< 0.010	0.18	< 0.010
Anthracene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Fluoranthene	N	2800	mg/kg	0.010	0.13	0.79	< 0.010
Pyrene	N	2800	mg/kg	0.010	0.13	0.86	< 0.010
Benzo[a]anthracene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Chrysene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Benzo[b]fluoranthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Benzo[k]fluoranthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Benzo[a]pyrene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Indeno(1,2,3-c,d)Pyrene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010

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Results - Soil

Project: GNI Bray

Client: IGSL				**Chemtest Job No.:**	20-23017	20-23017	20-23017
Quotation No.: Q20-19951				**Chemtest Sample ID.:**	1056125	1056127	1056130
				Sample Location:	WS05B	WS05A	WS02B
				Sample Type:	SOIL	SOIL	SOIL
				Top Depth (m):	2.00	0.20	0.25
				Bottom Depth (m):	3.00	1.00	0.75
				Date Sampled:	26-Aug-2020	26-Aug-2020	26-Aug-2020
				Asbestos Lab:	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Benzo[g,h,i]perylene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Coronene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010
Total Of 17 PAH's	N	2800	mg/kg	0.20	0.26	1.8	< 0.20
PCB 28	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 52	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 90+101	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 118	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 153	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 138	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 180	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010
Total PCBs (7 congeners)	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010
Total Phenols	U	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30
SVOC TIC	N	2790	mg/kg	N/A	None Detected	None Detected	None Detected
VOC TIC	N	2760	µg/kg	N/A	None Detected	None Detected	None Detected

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Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-23017						
Chemtest Sample ID:	1056125						
Sample Ref:							
Sample ID:							
Sample Location:	WS05B						
Top Depth(m):	2.00						
Bottom Depth(m):	3.00						
Sampling Date:	26-Aug-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	0.70	3	5	6
Loss On Ignition	2610	U	%	2.8	--	--	10
Total BTEX	2760	U	mg/kg	< 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	< 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	0.26	100	--	--
pH	2010	U		8.8	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.048	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	0.0024	< 0.050	0.5	2	25
Barium	1450	U	0.0036	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0021	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0090	0.090	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	0.0015	0.015	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0013	< 0.50	4	50	200
Chloride	1220	U	9.4	94	800	15000	25000
Fluoride	1220	U	0.32	3.2	10	150	500
Sulphate	1220	U	35	350	1000	20000	50000
Total Dissolved Solids	1020	N	130	1300	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	9.0	90	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-23017						
Chemtest Sample ID:	1056127						
Sample Ref:							
Sample ID:							
Sample Location:	WS05A						
Top Depth(m):	0.20						
Bottom Depth(m):	1.00						
Sampling Date:	26-Aug-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	0.48	3	5	6
Loss On Ignition	2610	U	%	2.2	--	--	10
Total BTEX	2760	U	mg/kg	< 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	71	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	1.8	100	--	--
pH	2010	U		8.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.069	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	0.0070	0.070	0.5	2	25
Barium	1450	U	0.0038	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0014	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0055	0.055	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0011	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.19	1.9	10	150	500
Sulphate	1220	U	12	120	1000	20000	50000
Total Dissolved Solids	1020	N	65	650	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	21

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: GNI Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-23017						
Chemtest Sample ID:	1056130						
Sample Ref:							
Sample ID:							
Sample Location:	WS02B						
Top Depth(m):	0.25						
Bottom Depth(m):	0.75						
Sampling Date:	26-Aug-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	< 0.20	3	5	6
Loss On Ignition	2610	U	%	1.8	--	--	10
Total BTEX	2760	U	mg/kg	< 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	< 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		7.5	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0050	< 0.50	20	100	300
Cadmium	1450	U	0.00012	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0012	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0040	< 0.050	0.5	10	30
Nickel	1450	U	0.0048	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0097	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.17	1.7	10	150	500
Sulphate	1220	U	23	230	1000	20000	50000
Total Dissolved Solids	1020	N	53	520	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.1	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	21

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Deviations

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In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1056125			WS05B	26-Aug-2020	B	Amber Glass 250ml
1056125			WS05B	26-Aug-2020	B	Amber Glass 60ml
1056125			WS05B	26-Aug-2020	B	Plastic Tub 500g
1056127			WS05A	26-Aug-2020	B	Amber Glass 250ml
1056127			WS05A	26-Aug-2020	B	Amber Glass 60ml
1056127			WS05A	26-Aug-2020	B	Plastic Tub 500g
1056130			WS02B	26-Aug-2020	B	Amber Glass 250ml
1056130			WS02B	26-Aug-2020	B	Amber Glass 60ml
1056130			WS02B	26-Aug-2020	B	Plastic Tub 500g

Test Methods

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measuremernt by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.
2420	Phosphate	Phosphate	Spectrophotometry - Discrete analyser
2425	Extractable Ammonium in soils	Ammonium	Extraction with potassium chloride solution / analysis by 'Aquakem 600' Discrete Analyser using sodium salicylate and sodium dichloroisocyanurate.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.

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Test Methods

SOP	Title	Parameters included	Method summary
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

UKAS TESTING
2183

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Final Report

Report No.:	20-26294-1
Initial Date of Issue:	21-Oct-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	22734 Harbour Point Bray

Quotation No.:		**Date Received:**	30-Sep-2020
Order No.:		**Date Instructed:**	13-Oct-2020
No. of Samples:	6		
Turnaround (Wkdays):	7	**Results Due:**	21-Oct-2020
Date Approved:	21-Oct-2020		

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Leachate

Project: 22734 Harbour Point Bray

Client: IGSL				**Chemtest Job No.:**		20-26294	20-26294	20-26294	20-26294	20-26294	20-26294
Quotation No.:				**Chemtest Sample ID.:**		1072770	1072771	1072773	1072776	1072777	1072779
				Sample Location:		TP202	TP203	TP205	TP208	TP209	TP211
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		0.50	0.50	0.50	0.50	0.50	0.50
				Date Sampled:		25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**						
pH	U	1010	10:1		N/A	8.0	7.8	7.9	7.7	7.9	8.1
Ammonium	U	1220	10:1	mg/l	0.050	< 0.050	0.054	< 0.050	< 0.050	< 0.050	< 0.050
Ammonium	N	1220	10:1	mg/kg	0.10	0.47	0.56	< 0.10	0.18	< 0.10	< 0.10
Boron (Dissolved)	U	1450	10:1	mg/kg	0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Benzo[j]fluoranthene	N	1800	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

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Results - Soil

Project: 22734 Harbour Point Bray

Client: IGSL			Chemtest Job No.:	20-26294	20-26294	20-26294	20-26294	20-26294	20-26294
Quotation No.:			Chemtest Sample ID.:	1072770	1072771	1072773	1072776	1072777	1072779
			Sample Location:	TP202	TP203	TP205	TP208	TP209	TP211
			Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):	0.50	0.50	0.50	0.50	0.50	0.50
			Date Sampled:	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020
			Asbestos Lab:	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**					
ACM Type	U	2192		N/A	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-	-	-	-
Asbestos By Fibre Counting	U	2192	%	0.001	-	-	-	-	-	-
Moisture	N	2030	%	0.020	8.0	12	10	8.3	15	10
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0	100	110	42	81	250	190
Boron (Hot Water Soluble)	U	2120	mg/kg	0.40	0.80	0.69	0.45	0.68	0.70	0.55
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Sulphur (Elemental)	U	2180	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0
Chloride (Water Soluble)	U	2220	g/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Fluoride (Extractable)	N	2220	mg/kg	0.010	0.40	0.38	0.34	0.44	0.88	0.84
Nitrite (Extractable)	N	2220	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Nitrate (Water Soluble)	N	2220	g/l	0.010	< 0.010	0.014	< 0.010	< 0.010	0.016	0.024
Cyanide (Total)	U	2300	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	0.69	3.3	0.86	5.4	2.4	11
Ammoniacal Nitrogen	U	2425	mg/kg	0.50	2.9	4.5	3.1	2.1	5.7	3.1
Phosphate (Total)	N	2430	mg/kg	10	980	1100	400	1200	950	770
Sulphate (Total)	U	2430	mg/kg	100	350	570	< 100	400	460	360
Sulphate (Acid Soluble)	U	2430	%	0.010	0.048	0.083	0.020	0.049	0.072	0.054
Arsenic	U	2450	mg/kg	1.0	16	19	16	18	14	18
Barium	U	2450	mg/kg	10	53	63	57	67	60	85
Cadmium	U	2450	mg/kg	0.10	0.62	0.84	0.64	0.85	0.63	0.76
Chromium	U	2450	mg/kg	1.0	21	21	23	21	13	18
Molybdenum	U	2450	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Antimony	N	2450	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Copper	U	2450	mg/kg	0.50	15	18	16	20	19	19
Mercury	U	2450	mg/kg	0.10	0.10	0.11	< 0.10	< 0.10	0.13	0.10
Nickel	U	2450	mg/kg	0.50	21	24	28	25	16	23
Lead	U	2450	mg/kg	0.50	45	55	25	33	48	42
Selenium	U	2450	mg/kg	0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Zinc	U	2450	mg/kg	0.50	58	83	64	68	68	61
Chromium (Trivalent)	N	2490	mg/kg	1.0	21	21	23	21	13	18
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.40	3.6	3.5	0.90	1.7	6.0	4.5
Mineral Oil	N	2670	mg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C8-C10	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0

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Results - Soil

Project: 22734 Harbour Point Bray

Client: IGSL			Chemtest Job No.:		20-26294	20-26294	20-26294	20-26294	20-26294	20-26294
Quotation No.:			Chemtest Sample ID.:		1072770	1072771	1072773	1072776	1072777	1072779
			Sample Location:		TP202	TP203	TP205	TP208	TP209	TP211
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.50	0.50	0.50	0.50	0.50
			Date Sampled:		25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**						
Aliphatic TPH >C10-C12	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C12-C16	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C16-C21	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C21-C35	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C8-C10	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C10-C12	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C12-C16	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C21-C35	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Chloromethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Vinyl Chloride	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromomethane	U	2760	µg/kg	20	[B] < 20	[B] < 20	[B] < 20	[B] < 20	[B] < 20	[B] < 20
Chloroethane	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Trichlorofluoromethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethene	U	2760	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Trans 1,2-Dichloroethene	U	2760	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
cis 1,2-Dichloroethene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Trichloromethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1,1-Trichloroethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tetrachloromethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Benzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloroethane	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Trichloroethene	N	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloropropane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Dibromomethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromodichloromethane	U	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Toluene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0

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Results - Soil

Project: 22734 Harbour Point Bray

Client: IGSL			Chemtest Job No.:		20-26294	20-26294	20-26294	20-26294	20-26294	20-26294
Quotation No.:			Chemtest Sample ID.:		1072770	1072771	1072773	1072776	1072777	1072779
			Sample Location:		TP202	TP203	TP205	TP208	TP209	TP211
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.50	0.50	0.50	0.50	0.50
			Date Sampled:		25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**						
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
1,1,2-Trichloroethane	U	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Tetrachloroethene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
1,2-Dibromoethane	U	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Chlorobenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1,1,2-Tetrachloroethane	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Ethylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
m & p-Xylene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
o-Xylene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Styrene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Isopropylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromobenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	[B] < 50	[B] < 50	[B] < 50	[B] < 50	[B] < 50	[B] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
2-Chlorotoluene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3,5-Trimethylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,4-Trimethylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichlorobenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,4-Dichlorobenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichlorobenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	[B] < 50	[B] < 50	[B] < 50	[B] < 50	[B] < 50	[B] < 50
1,2,4-Trichlorobenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Methyl Tert-Butyl Ether	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
N-Nitrosodimethylamine	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Phenol	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Chlorophenol	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Bis-(2-Chloroethyl)Ether	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
1,3-Dichlorobenzene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50

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Results - Soil

Project: 22734 Harbour Point Bray

Client: IGSL			Chemtest Job No.:		20-26294	20-26294	20-26294	20-26294	20-26294	20-26294
Quotation No.:			Chemtest Sample ID.:		1072770	1072771	1072773	1072776	1072777	1072779
			Sample Location:		TP202	TP203	TP205	TP208	TP209	TP211
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.50	0.50	0.50	0.50	0.50
			Date Sampled:		25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**						
1,2-Dichlorobenzene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Methylphenol	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Bis(2-Chloroisopropyl)Ether	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Hexachloroethane	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
N-Nitrosodi-n-propylamine	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Methylphenol	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Nitrobenzene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Isophorone	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Bis(2-Chloroethoxy)Methane	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4-Dichlorophenol	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
1,2,4-Trichlorobenzene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Naphthalene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Hexachlorobutadiene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Chloro-3-Methylphenol	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Methylnaphthalene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4,6-Trichlorophenol	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4,5-Trichlorophenol	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Chloronaphthalene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Nitroaniline	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Acenaphthylene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Dimethylphthalate	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,6-Dinitrotoluene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Acenaphthene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Dibenzofuran	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Chlorophenylphenylether	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4-Dinitrotoluene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Fluorene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Diethyl Phthalate	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Nitroaniline	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Azobenzene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Bromophenylphenyl Ether	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Hexachlorobenzene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50

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Results - Soil

Project: 22734 Harbour Point Bray

Client: IGSL			Chemtest Job No.:		20-26294	20-26294	20-26294	20-26294	20-26294	20-26294
Quotation No.:			Chemtest Sample ID.:		1072770	1072771	1072773	1072776	1072777	1072779
			Sample Location:		TP202	TP203	TP205	TP208	TP209	TP211
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.50	0.50	0.50	0.50	0.50
			Date Sampled:		25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**						
Pentachlorophenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Phenanthrene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Anthracene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Carbazole	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Di-N-Butyl Phthalate	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Fluoranthene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Pyrene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Butylbenzyl Phthalate	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Benzo[a]anthracene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Chrysene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Di-N-Octyl Phthalate	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Benzo[b]fluoranthene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Benzo[k]fluoranthene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Benzo[a]pyrene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Indeno(1,2,3-c,d)Pyrene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Dibenz(a,h)Anthracene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Benzo[g,h,i]perylene	U	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Naphthalene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Acenaphthylene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Acenaphthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Fluorene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Phenanthrene	N	2800	mg/kg	0.010	0.16	0.050	< 0.010	< 0.010	0.090	< 0.010
Anthracene	N	2800	mg/kg	0.010	< 0.010	0.020	< 0.010	< 0.010	0.040	< 0.010
Fluoranthene	N	2800	mg/kg	0.010	0.18	0.070	< 0.010	< 0.010	0.20	0.060
Pyrene	N	2800	mg/kg	0.010	0.13	0.050	< 0.010	< 0.010	0.17	0.060
Benzo[a]anthracene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chrysene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[b]fluoranthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[k]fluoranthene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[a]pyrene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Indeno(1,2,3-c,d)Pyrene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[g,h,i]perylene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Coronene	N	2800	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total Of 17 PAH's	N	2800	mg/kg	0.20	0.47	< 0.20	< 0.20	< 0.20	0.50	< 0.20
PCB 28	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 52	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 90+101	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010

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Results - Soil

Project: 22734 Harbour Point Bray

Client: IGSL			**Chemtest Job No.:**		20-26294	20-26294	20-26294	20-26294	20-26294	20-26294
Quotation No.:			**Chemtest Sample ID.:**		1072770	1072771	1072773	1072776	1072777	1072779
			Sample Location:		TP202	TP203	TP205	TP208	TP209	TP211
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.50	0.50	0.50	0.50	0.50
			Date Sampled:		25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020	25-Sep-2020
			Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**						
PCB 118	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 153	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 138	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
PCB 180	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Total PCBs (7 congeners)	N	2815	mg/kg	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Total Phenols	U	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
SVOC TIC	N	2790	mg/kg	N/A	[B] None Detected	[B] None Detected	[B] None Detected	[B] None Detected	[B] None Detected	[B] None Detected
VOC TIC	N	2760	µg/kg	N/A	[B] None Detected	[B] None Detected	[B] None Detected	[B] None Detected	[B] None Detected	[B] None Detected

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Results - Single Stage WAC

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Project: 22734 Harbour Point Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-26294						
Chemtest Sample ID:	1072770						
Sample Ref:							
Sample ID:							
Sample Location:	TP202						
Top Depth(m):	0.50						
Bottom Depth(m):							
Sampling Date:	25-Sep-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	2.1	3	5	6
Loss On Ignition	2610	U	%	5.1	--	--	10
Total BTEX	2760	U	mg/kg	[B] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[B] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	0.47	100	--	--
pH	2010	U		7.0	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	< 0.0020	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0034	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0012	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	< 0.0010	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0017	< 0.50	4	50	200
Chloride	1220	U	1.1	11	800	15000	25000
Fluoride	1220	U	0.055	< 1.0	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	32	320	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	9.7	97	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.0

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: 22734 Harbour Point Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-26294						
Chemtest Sample ID:	1072771						
Sample Ref:							
Sample ID:							
Sample Location:	TP203						
Top Depth(m):	0.50						
Bottom Depth(m):							
Sampling Date:	25-Sep-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	2.0	3	5	6
Loss On Ignition	2610	U	%	6.1	--	--	10
Total BTEX	2760	U	mg/kg	[B] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[B] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		7.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	< 0.0020	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0034	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0014	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	< 0.0010	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0014	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.052	< 1.0	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	45	450	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	13	130	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: 22734 Harbour Point Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-26294						
Chemtest Sample ID:	1072773						
Sample Ref:							
Sample ID:							
Sample Location:	TP205						
Top Depth(m):	0.50						
Bottom Depth(m):							
Sampling Date:	25-Sep-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	0.52	3	5	6
Loss On Ignition	2610	U	%	2.6	--	--	10
Total BTEX	2760	U	mg/kg	[B] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[B] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		7.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	< 0.0020	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0024	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	< 0.0010	< 0.050	0.5	10	30
Nickel	1450	U	0.0030	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0024	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	< 0.050	< 1.0	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	28	280	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	20	200	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	10

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: 22734 Harbour Point Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-26294						
Chemtest Sample ID:	1072776						
Sample Ref:							
Sample ID:							
Sample Location:	TP208						
Top Depth(m):	0.50						
Bottom Depth(m):							
Sampling Date:	25-Sep-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	1.0	3	5	6
Loss On Ignition	2610	U	%	3.6	--	--	10
Total BTEX	2760	U	mg/kg	[B] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[B] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		6.7	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	< 0.0020	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0039	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0012	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	< 0.0010	< 0.050	0.5	10	30
Nickel	1450	U	0.0035	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0019	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.051	< 1.0	10	150	500
Sulphate	1220	U	1.1	11	1000	20000	50000
Total Dissolved Solids	1020	N	36	360	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	15	150	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.3

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: 22734 Harbour Point Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-26294						
Chemtest Sample ID:	1072777						
Sample Ref:							
Sample ID:							
Sample Location:	TP209						
Top Depth(m):	0.50						
Bottom Depth(m):							
Sampling Date:	25-Sep-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	3.5	3	5	6
Loss On Ignition	2610	U	%	5.8	--	--	10
Total BTEX	2760	U	mg/kg	[B] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[B] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	0.50	100	--	--
pH	2010	U		7.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.015	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0078	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0019	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	< 0.0010	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	< 0.0010	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.17	1.7	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	120	1200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	8.4	84	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	15

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: 22734 Harbour Point Bray

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-26294						
Chemtest Sample ID:	1072779						
Sample Ref:							
Sample ID:							
Sample Location:	TP211						
Top Depth(m):	0.50						
Bottom Depth(m):							
Sampling Date:	25-Sep-2020						
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%	2.6	3	5	6
Loss On Ignition	2610	U	%	3.8	--	--	10
Total BTEX	2760	U	mg/kg	[B] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	< 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg	[B] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	< 0.20	100	--	--
pH	2010	U		8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.050	0.5	2	25
Barium	1450	U	0.0044	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0010	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	< 0.0010	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	< 0.0010	< 0.50	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.17	1.7	10	150	500
Sulphate	1220	U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020	N	120	1200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	7.0	70	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	10

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Deviations

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In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1072770			TP202	25-Sep-2020	B	Amber Glass 250ml
1072770			TP202	25-Sep-2020	B	Plastic Tub 500g
1072771			TP203	25-Sep-2020	B	Amber Glass 250ml
1072771			TP203	25-Sep-2020	B	Plastic Tub 500g
1072773			TP205	25-Sep-2020	B	Amber Glass 250ml
1072773			TP205	25-Sep-2020	B	Plastic Tub 500g
1072776			TP208	25-Sep-2020	B	Amber Glass 250ml
1072776			TP208	25-Sep-2020	B	Plastic Tub 500g
1072777			TP209	25-Sep-2020	B	Amber Glass 250ml
1072777			TP209	25-Sep-2020	B	Plastic Tub 500g
1072779			TP211	25-Sep-2020	B	Amber Glass 250ml
1072779			TP211	25-Sep-2020	B	Plastic Tub 500g

Test Methods

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurememrt by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.
2425	Extractable Ammonium in soils	Ammonium	Extraction with potassium chloride solution / analysis by 'Aquakem 600' Discrete Analyser using sodium salicylate and sodium dichloroisocyanurate.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.

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Test Methods

SOP	Title	Parameters included	Method summary
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

UKAS TESTING
2183

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Final Report

Report No.:	20-28179-1
Initial Date of Issue:	26-Oct-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	22734 Harbour Point Bray Wicklow (Ballymore Group & Atkins)

Quotation No.:		**Date Received:**	19-Oct-2020
Order No.:		**Date Instructed:**	20-Oct-2020
No. of Samples:	22		
Turnaround (Wkdays):	7	**Results Due:**	28-Oct-2020
Date Approved:	26-Oct-2020		

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Soil

Project: 22734 Harbour Point Bray Wicklow (Ballymore Group & Atkins)

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Client: IGSL				Chemtest Job No.:	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179
Quotation No.:				Chemtest Sample ID.:	1083013	1083014	1083015	1083016	1083017	1083018	1083019	1083020	1083021	1083022
Order No.:				Client Sample Ref.:	AA134068	AA134479	AA146488	AA134489	AA139453	AA141604	AA146466	AA146602	AA146612	AA141654
				Sample Location:	BH201	BH205	BH206	BH207	BH208	BH210	BH211	BH213	BH214	BH215
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	3.00	3.00	3.00	3.00	3.00	2.50	3.00	2.50	2.50	2.50
				Bottom Depth (m):	3.00	3.00	3.00	3.00	3.00	2.50	3.00	2.50	2.50	2.50
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
Moisture	N	2030	%	0.020	5.0	7.1	3.0	5.8	6.7	6.3	7.6	6.9	19	15
pH	U	2010		4.0	[A] 9.0	[A] 9.3	[A] 9.3	[A] 9.2	[A] 9.2	[A] 9.2	[A] 9.1	[A] 9.1	[A] 8.8	[A] 8.7
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010
Sulphate (Total)	U	2430	mg/kg	100	[A] 1400	[A] 3600	[A] 800	[A] 880	[A] 880	[A] 710	[A] 510	[A] 480	[A] 170	[A] 110
Sulphate (Acid Soluble)	U	2430	%	0.010	[A] 0.015	[A] 0.020	[A] 0.013	[A] 0.016	[A] 0.012	[A] 0.015	[A] 0.017	[A] < 0.010	[A] < 0.010	[A] < 0.010
Organic Matter	U	2625	%	0.40										

Results - Soil

Project: 22734 Harbour Point Bray Wicklow (Ballymore Group & Atkins)

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Client: IGSL				Chemtest Job No.:	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179	20-28179
Quotation No.:				Chemtest Sample ID.:	1083023	1083024	1083025	1083026	1083027	1083028	1083029	1083030	1083031	1083032
Order No.:				Client Sample Ref.:	AA146621	AA141628	AA141630	AA141632	AA141616	AA141624	AA137965	AA137962	AA137956	AA137977
				Sample Location:	BH216	BH221	BH221	BH221	BH222A	BH222A	TP202	TP205	TP208	TP209
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	2.50	2.50	4.50	6.50	2.50	10.50	2.50	2.50	2.30	1.50
				Bottom Depth (m):	2.50	2.50	4.50	6.50	2.50	10.50				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
Moisture	N	2030	%	0.020	15	19	24	24	21	39	3.7	4.3	59	28
pH	U	2010		4.0	[A] 8.8	[A] 8.3			[A] 8.3		[A] 9.1	[A] 9.2	[A] 8.7	[A] 8.8
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	[A] < 0.010	[A] < 0.010			[A] 0.047		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010
Sulphate (Total)	U	2430	mg/kg	100	[A] 220	[A] < 100			[A] 850		[A] 330	[A] 220	[A] 130	[A] 150
Sulphate (Acid Soluble)	U	2430	%	0.010	[A] 0.010	[A] < 0.010			[A] 0.034		[A] 0.015	[A] < 0.010	[A] < 0.010	[A] < 0.010
Organic Matter	U	2625	%	0.40			[A] 1.7	[A] 1.6		[A] 0.45				[A] < 0.40

Results - Soil

Project: 22734 Harbour Point Bray Wicklow (Ballymore Group & Atkins)

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Client: IGSL			**Chemtest Job No.:**		20-28179	20-28179
Quotation No.:			**Chemtest Sample ID.:**		1083033	1083034
Order No.:			Client Sample Ref.:		AA148851	AA148853
			Sample Location:		TP210	TP210
			Sample Type:		SOIL	SOIL
			Top Depth (m):		0.50	2.50
			Bottom Depth (m):			
Determinand	**Accred.**	**SOP**	**Units**	**LOD**		
Moisture	N	2030	%	0.020	11	14
pH	U	2010		4.0	[A] 8.9	[A] 8.9
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	[A] < 0.010	[A] < 0.010
Sulphate (Total)	U	2430	mg/kg	100	[A] 210	[A] 710
Sulphate (Acid Soluble)	U	2430	%	0.010	[A] 0.016	[A] 0.015
Organic Matter	U	2625	%	0.40		

Deviations

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In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1083013	AA134068		BH201		A	Amber Glass 250ml
1083014	AA134479		BH205		A	Amber Glass 250ml
1083015	AA146488		BH206		A	Amber Glass 250ml
1083016	AA134489		BH207		A	Amber Glass 250ml
1083017	AA139453		BH208		A	Amber Glass 250ml
1083018	AA141604		BH210		A	Amber Glass 250ml
1083019	AA146466		BH211		A	Amber Glass 250ml
1083020	AA146602		BH213		A	Amber Glass 250ml
1083021	AA146612		BH214		A	Amber Glass 250ml
1083022	AA141654		BH215		A	Amber Glass 250ml
1083023	AA146621		BH216		A	Amber Glass 250ml
1083024	AA141628		BH221		A	Amber Glass 250ml
1083025	AA141630		BH221		A	Amber Glass 250ml
1083026	AA141632		BH221		A	Amber Glass 250ml
1083027	AA141616		BH222A		A	Amber Glass 250ml
1083028	AA141624		BH222A		A	Amber Glass 250ml
1083029	AA137965		TP202		A	Amber Glass 250ml
1083030	AA137962		TP205		A	Amber Glass 250ml
1083031	AA137956		TP208		A	Amber Glass 250ml

Deviations

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Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1083032	AA137977		TP209		A	Amber Glass 250ml
1083033	AA148851		TP210		A	Plastic Tub 1000g
1083034	AA148853		TP210		A	Amber Glass 250ml

Test Methods

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

RECEIVED: 24/03/2025

Amended Report

Report No.:	20-30300-3		
Initial Date of Issue:	17-Nov-2020	**Date of Re-Issue:**	29-Mar-2021
Client	IGSL		
Client Address:	M7 Business Park Naas County Kildare Ireland		
Contact(s):	Darren Keogh		
Project	22734 Habour Point Bray Wicklow		
Quotation No.:	Q20-21984	**Date Received:**	06-Nov-2020
Order No.:		**Date Instructed:**	09-Nov-2020
No. of Samples:	23		
Turnaround (Wkdays):	98	**Results Due:**	29-Mar-2021
Date Approved:	29-Mar-2021		

Approved By:



Details:

Results - Leachate

Project: 22734 Habour Point Bray Wicklow

RECEIVED: 24/03/2025

Client: IGSL				**Chemtest Job No.:**		20-30300	20-30300	20-30300
Quotation No.: Q20-21984				**Chemtest Sample ID.:**		1093427	1093429	1093438
Order No.:				Client Sample Ref.:		AA141643	AA146675	AA139459
				Sample Location:		BH212	BH219	BH224
				Sample Type:		SOIL	SOIL	SOIL
				Top Depth (m):		0.50	1.50	0.50
				Bottom Depth (m):		0.50	1.50	0.50
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**			
pH	U	1010	10:1		N/A	8.8	8.9	8.6
Total Dissolved Solids	N	1020	10:1	mg/l	1.0	59	72	46
Chloride	U	1220	10:1	mg/l	1.0	4.8	7.0	3.0
Fluoride	U	1220	10:1	mg/l	0.050	0.19	0.20	0.50
Ammonium	U	1220	10:1	mg/l	0.050	0.058	0.066	0.072
Sulphate	U	1220	10:1	mg/l	1.0	12	17	4.9
Ammonium	N	1220	10:1	mg/kg	0.10	0.78	0.92	0.90
Arsenic (Dissolved)	U	1450	10:1	µg/l	1.0	1.7	3.8	2.0
Barium (Dissolved)	U	1450	10:1	µg/l	5.0	< 5.0	< 5.0	< 5.0
Cadmium (Dissolved)	U	1450	10:1	µg/l	0.080	< 0.080	< 0.080	< 0.080
Chromium (Dissolved)	U	1450	10:1	µg/l	1.0	< 1.0	< 1.0	< 1.0
Copper (Dissolved)	U	1450	10:1	µg/l	1.0	< 1.0	1.0	1.5
Mercury (Dissolved)	U	1450	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50
Molybdenum (Dissolved)	U	1450	10:1	µg/l	1.0	1.7	2.7	2.7
Nickel (Dissolved)	U	1450	10:1	µg/l	1.0	< 1.0	< 1.0	< 1.0
Lead (Dissolved)	U	1450	10:1	µg/l	1.0	< 1.0	< 1.0	1.2
Antimony (Dissolved)	U	1450	10:1	µg/l	1.0	< 1.0	< 1.0	< 1.0
Selenium (Dissolved)	U	1450	10:1	µg/l	1.0	< 1.0	< 1.0	< 1.0
Zinc (Dissolved)	U	1450	10:1	µg/l	1.0	< 1.0	1.1	4.8
Boron (Dissolved)	U	1455	10:1	mg/kg	0.01	< 0.20	< 0.20	< 0.20
Dissolved Organic Carbon	U	1610	10:1	mg/l	2.0	3.7	10	8.3
Benzo[j]fluoranthene	N	1800	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010
Total Phenols	U	1920	10:1	mg/l	0.030	< 0.030	< 0.030	< 0.030

Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL				Chemtest Job No.:	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984				Chemtest Sample ID.:	1093422	1093423	1093425	1093426	1093427	1093428	1093429	1093430	1093431	1093432
Order No.:				Client Sample Ref.:	AA139452	AA141677	AA141689	AA141694	AA141643	AA141645	AA146675	AA146680	AA183906	AA183909
				Sample Location:	BH203	BH218	BH218	BH218	BH212	BH212	BH219	BH219	BH223	BH223
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
				Bottom Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
				Asbestos Lab:					COVENTRY		COVENTRY			
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
ACM Type	U	2192		N/A					-		-			
Asbestos Identification	U	2192		N/A					No Asbestos Detected		No Asbestos Detected			
ACM Detection Stage	U	2192		N/A					-		-			
Asbestos By Fibre Counting	U	2192	%	0.001					-		-			
Moisture	N	2030	%	0.020	9.6	10	22	27	8.5	8.5	11	8.4	15	8.0
pH	M	2010		4.0	[A] 8.4	[A] 8.2	[A] 7.7	[A] 8.0	[A] 8.7	[A] 8.6	[A] 8.8	[A] 8.6	[A] 7.4	
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0					[A] 180		[A] 97			
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40					[A] < 0.40		[A] 0.43			
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	[A] < 0.010	[A] 0.24	[A] 0.76	[A] 0.51	[A] 0.021	[A] 0.039	[A] 0.042	[A] 0.048	[A] 0.46	
Sulphate (2:1 Extract)	M	2120	mg/kg	20		[A] 480	[A] 1500						[A] 920	
Total Sulphur	M	2175	%	0.010		[A] 0.086	[A] 0.79						[A] 0.34	
Sulphur (Elemental)	M	2180	mg/kg	1.0					[A] 1.2		[A] < 1.0			
Chloride (Water Soluble)	M	2220	g/l	0.010					[A] 0.015		[A] 0.011			
Fluoride (Extractable)	N	2220	mg/kg	0.010					0.60		0.80			
Nitrite (Extractable)	N	2220	mg/kg	0.10					< 0.10		< 0.10			
Nitrate (Water Soluble)	N	2220	g/l	0.010					< 0.010		< 0.010			
Phosphate (Available)	N	2420	mg/l	2.0					4.8		9.2			
Cyanide (Total)	M	2300	mg/kg	0.50					[A] < 0.50		[A] < 0.50			
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50					[A] 11		[A] 5.5			
Ammonium (Extractable)	M	2425	mg/kg	0.50					[A] < 0.50		[A] < 0.50			
Ammoniacal Nitrogen	M	2425	mg/kg	0.50					[A] < 0.50		[A] < 0.50			
Sodium (Total)	N	2430	mg/kg	10					140		240			
Sulphate (Total)	M	2430	mg/kg	100	[A] 370			[A] 44000	[A] 710	[A] 1300	[A] 750	[A] 3300		
Sulphate (Acid Soluble)	M	2430	%	0.010	[A] 0.022	[A] 0.060	[A] 0.35	[A] 0.17	[A] < 0.010	[A] 0.027	[A] 0.029	[A] 0.047	[A] 0.090	
Arsenic	M	2450	mg/kg	1.0					20		27			
Barium	M	2450	mg/kg	10					26		51			
Cadmium	M	2450	mg/kg	0.10					0.47		0.74			
Chromium	M	2450	mg/kg	1.0					13		23			
Molybdenum	M	2450	mg/kg	2.0					< 2.0		< 2.0			
Antimony	N	2450	mg/kg	2.0					< 2.0		< 2.0			
Copper	M	2450	mg/kg	0.50					10		25			
Mercury	M	2450	mg/kg	0.10					< 0.10		< 0.10			
Nickel	M	2450	mg/kg	0.50					19		35			
Lead	M	2450	mg/kg	0.50					9.4		25			
Selenium	M	2450	mg/kg	0.20					< 0.20		0.22			
Zinc	M	2450	mg/kg	0.50					37		81			
Chromium (Trivalent)	N	2490	mg/kg	1.0					13		23			

REC'D: 24/03/2025

Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL					**Chemtest Job No.:**	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984					**Chemtest Sample ID.:**	1093422	1093423	1093425	1093426	1093427	1093428	1093429	1093430	1093431	1093432
Order No.:					Client Sample Ref.:	AA139452	AA141677	AA141689	AA141694	AA141643	AA141645	AA146675	AA146680	AA183906	AA183909
					Sample Location:	BH203	BH218	BH218	BH218	BH212	BH212	BH219	BH219	BH223	BH223
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Bottom Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Asbestos Lab:					COVENTRY		COVENTRY			
Determinand	**Accred.**	**SOP**	**Units**	**LOD**											
Chromium (Hexavalent)	N	2490	mg/kg	0.50						< 0.50		< 0.50			
Organic Matter	M	2625	%	0.40				[A] 0.71	[A] 1.5	[A] < 0.40		[A] 0.91			[A] 0.53
Total Organic Carbon	M	2625	%	0.20						[A] < 0.20		[A] 0.53			
Mineral Oil	N	2670	mg/kg	10						< 10		< 10			
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0						[AC] < 5.0		[A] < 5.0			
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0						[AC] < 5.0		[A] < 5.0			
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0						[AC] < 10		[A] < 10			
Naphthalene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Acenaphthylene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Acenaphthene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Fluorene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Phenanthrene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Anthracene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Fluoranthene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Pyrene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Benzo[a]anthracene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Chrysene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Benzo[b]fluoranthene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Benzo[k]fluoranthene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Benzo[a]pyrene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			

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Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL					Chemtest Job No.:	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984					Chemtest Sample ID.:	1093422	1093423	1093425	1093426	1093427	1093428	1093429	1093430	1093431	1093432
Order No.:					Client Sample Ref.:	AA139452	AA141677	AA141689	AA141694	AA141643	AA141645	AA146675	AA146680	AA183906	AA183909
					Sample Location:	BH203	BH218	BH218	BH218	BH212	BH212	BH219	BH219	BH223	BH223
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Bottom Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Asbestos Lab:					COVENTRY		COVENTRY			
Determinand	**Accred.**	**SOP**	**Units**	**LOD**											
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Coronene	N	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Benzo[j]fluoranthene	N	2700	mg/kg	0.10						[A] < 0.10		[A] < 0.10			
Total Of 16 PAH's	M	2700	mg/kg	2.0						[A] < 2.0		[A] < 2.0			
Total Of 17 PAH's	N	2700	mg/kg	2.0						[A] < 2.0		[A] < 2.0			
Dichlorodifluoromethane	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Chloromethane	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Vinyl Chloride	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Bromomethane	M	2760	µg/kg	20						[AC] < 20		[A] < 20			
Chloroethane	U	2760	µg/kg	2.0						[AC] < 2.0		[A] < 2.0			
Trichlorofluoromethane	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,1-Dichloroethene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,1-Dichloroethane	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Bromochloromethane	U	2760	µg/kg	5.0						[AC] < 5.0		[A] < 5.0			
Trichloromethane	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,1,1-Trichloroethane	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Tetrachloromethane	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,1-Dichloropropene	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Benzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,2-Dichloroethane	M	2760	µg/kg	2.0						[AC] < 2.0		[A] < 2.0			
Trichloroethene	N	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,2-Dichloropropane	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Dibromomethane	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Bromodichloromethane	M	2760	µg/kg	5.0						[AC] < 5.0		[A] < 5.0			
cis-1,3-Dichloropropene	N	2760	µg/kg	10						[AC] < 10		[A] < 10			
Toluene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Trans-1,3-Dichloropropene	N	2760	µg/kg	10						[AC] < 10		[A] < 10			
1,1,2-Trichloroethane	M	2760	µg/kg	10						[AC] < 10		[A] < 10			
Tetrachloroethene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,3-Dichloropropane	U	2760	µg/kg	2.0						[AC] < 2.0		[A] < 2.0			
Dibromochloromethane	U	2760	µg/kg	10						[AC] < 10		[A] < 10			
1,2-Dibromoethane	M	2760	µg/kg	5.0						[AC] < 5.0		[A] < 5.0			
Chlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0						[AC] < 2.0		[A] < 2.0			
Ethylbenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
m & p-Xylene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			

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Project: 22734 Habour Point Bray Wicklow

Client: IGSL					Chemtest Job No.:	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984					Chemtest Sample ID.:	1093422	1093423	1093425	1093426	1093427	1093428	1093429	1093430	1093431	1093432
Order No.:					Client Sample Ref.:	AA139452	AA141677	AA141689	AA141694	AA141643	AA141645	AA146675	AA146680	AA183906	AA183909
					Sample Location:	BH203	BH218	BH218	BH218	BH212	BH212	BH219	BH219	BH223	BH223
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Bottom Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Asbestos Lab:					COVENTRY		COVENTRY			
Determinand	**Accred.**	**SOP**	**Units**	**LOD**											
Total Xylenes	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
o-Xylene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Styrene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Tribromomethane	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Isopropylbenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Bromobenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,2,3-Trichloropropane	N	2760	µg/kg	50						[AC] < 50		[A] < 50			
N-Propylbenzene	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
2-Chlorotoluene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
4-Chlorotoluene	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Tert-Butylbenzene	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Sec-Butylbenzene	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,3-Dichlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
4-Isopropyltoluene	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,4-Dichlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
N-Butylbenzene	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,2-Dichlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50						[AC] < 50		[A] < 50			
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Hexachlorobutadiene	U	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0						[AC] < 2.0		[A] < 2.0			
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0						[AC] < 1.0		[A] < 1.0			
Bromoform	N	2760	µg/kg	10						[A] < 10		[A] < 10			
Chloroform	N	2760	µg/kg	10						[A] < 10		[A] < 10			
N-Nitrosodimethylamine	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Phenol	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2-Chlorophenol	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
1,3-Dichlorobenzene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
1,4-Dichlorobenzene	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
1,2-Dichlorobenzene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2-Methylphenol	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Hexachloroethane	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
4-Methylphenol	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			

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Project: 22734 Habour Point Bray Wicklow

Client: IGSL					Chemtest Job No.:	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984					Chemtest Sample ID.:	1093422	1093423	1093425	1093426	1093427	1093428	1093429	1093430	1093431	1093432
Order No.:					Client Sample Ref.:	AA139452	AA141677	AA141689	AA141694	AA141643	AA141645	AA146675	AA146680	AA183906	AA183909
					Sample Location:	BH203	BH218	BH218	BH218	BH212	BH212	BH219	BH219	BH223	BH223
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Bottom Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Asbestos Lab:					COVENTRY		COVENTRY			
Determinand	**Accred.**	**SOP**	**Units**	**LOD**											
Nitrobenzene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Isophorone	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2-Nitrophenol	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2,4-Dimethylphenol	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2,4-Dichlorophenol	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Naphthalene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
4-Chloroaniline	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Hexachlorobutadiene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2-Methylnaphthalene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
4-Nitrophenol	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2-Chloronaphthalene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2-Nitroaniline	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Acenaphthylene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Dimethylphthalate	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2,6-Dinitrotoluene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Acenaphthene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
3-Nitroaniline	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Dibenzofuran	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
4-Chlorophenylphenylether	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2,4-Dinitrotoluene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Fluorene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Diethyl Phthalate	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
4-Nitroaniline	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Azobenzene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Hexachlorobenzene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Pentachlorophenol	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Phenanthrene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Anthracene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Carbazole	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			

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Client: IGSL					Chemtest Job No.:	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984					Chemtest Sample ID.:	1093422	1093423	1093425	1093426	1093427	1093428	1093429	1093430	1093431	1093432
Order No.:					Client Sample Ref.:	AA139452	AA141677	AA141689	AA141694	AA141643	AA141645	AA146675	AA146680	AA183906	AA183909
					Sample Location:	BH203	BH218	BH218	BH218	BH212	BH212	BH219	BH219	BH223	BH223
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Bottom Depth (m):	2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
					Asbestos Lab:					COVENTRY		COVENTRY			
Determinand	**Accred.**	**SOP**	**Units**	**LOD**											
Fluoranthene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Pyrene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Butylbenzyl Phthalate	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Benzo[a]anthracene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Chrysene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Benzo[b]fluoranthene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Benzo[k]fluoranthene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Benzo[a]pyrene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50						[AC] < 0.50		[A] < 0.50			
Naphthalene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Acenaphthylene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Acenaphthene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Fluorene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Phenanthrene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Anthracene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Fluoranthene	N	2800	mg/kg	0.010						[A] < 0.010		[A] 0.061			
Pyrene	N	2800	mg/kg	0.010						[A] < 0.010		[A] 0.095			
Benzo[a]anthracene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Chrysene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Benzo[b]fluoranthene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Benzo[k]fluoranthene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Benzo[a]pyrene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Indeno(1,2,3-c,d)Pyrene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Benzo[g,h,i]perylene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Coronene	N	2800	mg/kg	0.010						[A] < 0.010		[A] < 0.010			
Total Of 17 PAH's	N	2800	mg/kg	0.20						[A] < 0.20		[A] < 0.20			
PCB 28	N	2815	mg/kg	0.0010						[AC] < 0.0010		[A] < 0.0010			
PCB 28	U	2815	mg/kg	0.010						[AC] < 0.010		[A] < 0.010			
PCB 52	N	2815	mg/kg	0.0010						[AC] < 0.0010		[A] < 0.0010			
PCB 52	U	2815	mg/kg	0.010						[AC] < 0.010		[A] < 0.010			
PCB 90+101	N	2815	mg/kg	0.0010						[AC] < 0.0010		[A] < 0.0010			
PCB 90+101	U	2815	mg/kg	0.010						[AC] < 0.010		[A] < 0.010			
PCB 118	N	2815	mg/kg	0.0010						[AC] < 0.0010		[A] < 0.0010			

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Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093422	1093423	1093425	1093426	1093427	1093428	1093429	1093430	1093431	1093432
Order No.:			Client Sample Ref.:		AA139452	AA141677	AA141689	AA141694	AA141643	AA141645	AA146675	AA146680	AA183906	AA183909
			Sample Location:		BH203	BH218	BH218	BH218	BH212	BH212	BH219	BH219	BH223	BH223
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
			Bottom Depth (m):		2.00	1.50	7.50	9.50	0.50	1.50	1.50	3.50	3.50	4.50
			Asbestos Lab:						COVENTRY		COVENTRY			
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
PCB 118	U	2815	mg/kg	0.010					[AC] < 0.010		[A] < 0.010			
PCB 153	N	2815	mg/kg	0.0010					[AC] < 0.0010		[A] < 0.0010			
PCB 153	U	2815	mg/kg	0.010					[AC] < 0.010		[A] < 0.010			
PCB 138	N	2815	mg/kg	0.0010					[AC] < 0.0010		[A] < 0.0010			
PCB 138	U	2815	mg/kg	0.010					[AC] < 0.010		[A] < 0.010			
PCB 180	N	2815	mg/kg	0.0010					[AC] < 0.0010		[A] < 0.0010			
PCB 180	U	2815	mg/kg	0.010					[AC] < 0.010		[A] < 0.010			
Total PCBs (7 congeners)	N	2815	mg/kg	0.0010					[AC] < 0.0010		[A] < 0.0010			
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10					[AC] < 0.10		[A] < 0.10			
Total Phenols	M	2920	mg/kg	0.30					< 0.30		< 0.30			
SVOC TIC	N	2790	mg/kg	N/A					[A] None Detected		[A] None Detected			
VOC TIC	N	2760	µg/kg	N/A					[A] None Detected		[A] None Detected			

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Project: 22734 Habour Point Bray Wicklow

Client: IGSL				**Chemtest Job No.:**	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984				**Chemtest Sample ID.:**	1093433	1093434	1093435	1093436	1093437	1093438	1093439	1093440	1093441	1093442
Order No.:				Client Sample Ref.:	AA183911	AA183913	AA183915	AA183919	AA183922	AA139459	AA139461	AA139463	AA139466	AA139470
				Sample Location:	BH223	BH223	BH223	BH223	BH223	BH224	BH224	BH224	BH224	BH224
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
				Bottom Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
				Asbestos Lab:						COVENTRY				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
ACM Type	U	2192		N/A						-				
Asbestos Identification	U	2192		N/A						No Asbestos Detected				
ACM Detection Stage	U	2192		N/A						-				
Asbestos By Fibre Counting	U	2192	%	0.001						-				
Moisture	N	2030	%	0.020	25	29	26	30	18	21	20	12	27	29
pH	M	2010		4.0	[A] 8.2		[A] 8.2	[A] 8.2	[A] 6.8	[A] 8.3		[A] 7.6	[A] 7.4	[A] 7.3
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0						[A] 290				
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40						[A] 0.58				
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	[A] 0.42		[A] 0.53	[A] 0.42	[A] 0.16	[A] < 0.010		[A] 0.23	[A] 0.47	[A] 0.56
Sulphate (2:1 Extract)	M	2120	mg/kg	20					[A] 320				[A] 940	[A] 1100
Total Sulphur	M	2175	%	0.010					[A] 0.25				[A] 0.50	[A] 1.0
Sulphur (Elemental)	M	2180	mg/kg	1.0						[A] 1.3				
Chloride (Water Soluble)	M	2220	g/l	0.010						[A] < 0.010				
Fluoride (Extractable)	N	2220	mg/kg	0.010						1.4				
Nitrite (Extractable)	N	2220	mg/kg	0.10						< 0.10				
Nitrate (Water Soluble)	N	2220	g/l	0.010						< 0.010				
Phosphate (Available)	N	2420	mg/l	2.0						7.0				
Cyanide (Total)	M	2300	mg/kg	0.50						[A] < 0.50				
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50						[A] 2.6				
Ammonium (Extractable)	M	2425	mg/kg	0.50						[A] 2.3				
Ammoniacal Nitrogen	M	2425	mg/kg	0.50						[A] 1.8				
Sodium (Total)	N	2430	mg/kg	10						360				
Sulphate (Total)	M	2430	mg/kg	100	[A] 39000		[A] 49000	[A] 50000		[A] 1000		[A] 7200		
Sulphate (Acid Soluble)	M	2430	%	0.010	[A] 0.17		[A] 0.19	[A] 0.20	[A] 0.070	[A] 0.029		[A] 0.058	[A] 0.17	[A] 0.21
Arsenic	M	2450	mg/kg	1.0						27				
Barium	M	2450	mg/kg	10						32				
Cadmium	M	2450	mg/kg	0.10						0.31				
Chromium	M	2450	mg/kg	1.0						31				
Molybdenum	M	2450	mg/kg	2.0						2.9				
Antimony	N	2450	mg/kg	2.0						< 2.0				
Copper	M	2450	mg/kg	0.50						16				
Mercury	M	2450	mg/kg	0.10						< 0.10				
Nickel	M	2450	mg/kg	0.50						34				
Lead	M	2450	mg/kg	0.50						30				
Selenium	M	2450	mg/kg	0.20						0.60				
Zinc	M	2450	mg/kg	0.50						120				
Chromium (Trivalent)	N	2490	mg/kg	1.0						31				

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Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL					**Chemtest Job No.:**	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984					**Chemtest Sample ID.:**	1093433	1093434	1093435	1093436	1093437	1093438	1093439	1093440	1093441	1093442
Order No.:					Client Sample Ref.:	AA183911	AA183913	AA183915	AA183919	AA183922	AA139459	AA139461	AA139463	AA139466	AA139470
					Sample Location:	BH223	BH223	BH223	BH223	BH223	BH224	BH224	BH224	BH224	BH224
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
					Bottom Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
					Asbestos Lab:						COVENTRY				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**											
Chromium (Hexavalent)	N	2490	mg/kg	0.50							< 0.50				
Organic Matter	M	2625	%	0.40	[A] 1.5	[A] 1.7					[A] 0.72	[A] 0.50			
Total Organic Carbon	M	2625	%	0.20							[A] 0.42				
Mineral Oil	N	2670	mg/kg	10							< 10				
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0							[AC] < 1.0				
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0							[AC] < 1.0				
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0							[AC] < 1.0				
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0							[AC] < 1.0				
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0							[AC] < 1.0				
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0							[AC] < 1.0				
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0							[AC] < 1.0				
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0							[AC] < 1.0				
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0							[AC] < 5.0				
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0							[AC] < 1.0				
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0							[AC] < 1.0				
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0							[AC] < 1.0				
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0							[AC] < 1.0				
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0							[AC] < 1.0				
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0							[AC] < 1.0				
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0							[AC] < 1.0				
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0							[AC] < 1.0				
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0							[AC] < 5.0				
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0							[AC] < 10				
Naphthalene	M	2700	mg/kg	0.10							[A] < 0.10				
Acenaphthylene	M	2700	mg/kg	0.10							[A] < 0.10				
Acenaphthene	M	2700	mg/kg	0.10							[A] < 0.10				
Fluorene	M	2700	mg/kg	0.10							[A] < 0.10				
Phenanthrene	M	2700	mg/kg	0.10							[A] < 0.10				
Anthracene	M	2700	mg/kg	0.10							[A] < 0.10				
Fluoranthene	M	2700	mg/kg	0.10							[A] < 0.10				
Pyrene	M	2700	mg/kg	0.10							[A] < 0.10				
Benzo[a]anthracene	M	2700	mg/kg	0.10							[A] < 0.10				
Chrysene	M	2700	mg/kg	0.10							[A] < 0.10				
Benzo[b]fluoranthene	M	2700	mg/kg	0.10							[A] < 0.10				
Benzo[k]fluoranthene	M	2700	mg/kg	0.10							[A] < 0.10				
Benzo[a]pyrene	M	2700	mg/kg	0.10							[A] < 0.10				
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10							[A] < 0.10				
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10							[A] < 0.10				

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Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL				**Chemtest Job No.:**	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984				**Chemtest Sample ID.:**	1093433	1093434	1093435	1093436	1093437	1093438	1093439	1093440	1093441	1093442
Order No.:				Client Sample Ref.:	AA183911	AA183913	AA183915	AA183919	AA183922	AA139459	AA139461	AA139463	AA139466	AA139470
				Sample Location:	BH223	BH223	BH223	BH223	BH223	BH224	BH224	BH224	BH224	BH224
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
				Bottom Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
				Asbestos Lab:						COVENTRY				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10						[A] < 0.10				
Coronene	N	2700	mg/kg	0.10						[A] < 0.10				
Benzo[j]fluoranthene	N	2700	mg/kg	0.10						[A] < 0.10				
Total Of 16 PAH's	M	2700	mg/kg	2.0						[A] < 2.0				
Total Of 17 PAH's	N	2700	mg/kg	2.0						[A] < 2.0				
Dichlorodifluoromethane	U	2760	µg/kg	1.0						[AC] < 1.0				
Chloromethane	M	2760	µg/kg	1.0						[AC] < 1.0				
Vinyl Chloride	M	2760	µg/kg	1.0						[AC] < 1.0				
Bromomethane	M	2760	µg/kg	20						[AC] < 20				
Chloroethane	U	2760	µg/kg	2.0						[AC] < 2.0				
Trichlorofluoromethane	M	2760	µg/kg	1.0						[AC] < 1.0				
1,1-Dichloroethene	M	2760	µg/kg	1.0						[AC] < 1.0				
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0						[AC] < 1.0				
1,1-Dichloroethane	M	2760	µg/kg	1.0						[AC] < 1.0				
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0						[AC] < 1.0				
Bromochloromethane	U	2760	µg/kg	5.0						[AC] < 5.0				
Trichloromethane	M	2760	µg/kg	1.0						[AC] < 1.0				
1,1,1-Trichloroethane	M	2760	µg/kg	1.0						[AC] < 1.0				
Tetrachloromethane	M	2760	µg/kg	1.0						[AC] < 1.0				
1,1-Dichloropropene	U	2760	µg/kg	1.0						[AC] < 1.0				
Benzene	M	2760	µg/kg	1.0						[AC] < 1.0				
1,2-Dichloroethane	M	2760	µg/kg	2.0						[AC] < 2.0				
Trichloroethene	N	2760	µg/kg	1.0						[AC] < 1.0				
1,2-Dichloropropane	M	2760	µg/kg	1.0						[AC] < 1.0				
Dibromomethane	M	2760	µg/kg	1.0						[AC] < 1.0				
Bromodichloromethane	M	2760	µg/kg	5.0						[AC] < 5.0				
cis-1,3-Dichloropropene	N	2760	µg/kg	10						[AC] < 10				
Toluene	M	2760	µg/kg	1.0						[AC] < 1.0				
Trans-1,3-Dichloropropene	N	2760	µg/kg	10						[AC] < 10				
1,1,2-Trichloroethane	M	2760	µg/kg	10						[AC] < 10				
Tetrachloroethene	M	2760	µg/kg	1.0						[AC] < 1.0				
1,3-Dichloropropane	U	2760	µg/kg	2.0						[AC] < 2.0				
Dibromochloromethane	U	2760	µg/kg	10						[AC] < 10				
1,2-Dibromoethane	M	2760	µg/kg	5.0						[AC] < 5.0				
Chlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0						[AC] < 2.0				
Ethylbenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
m & p-Xylene	M	2760	µg/kg	1.0						[AC] < 1.0				

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Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093433	1093434	1093435	1093436	1093437	1093438	1093439	1093440	1093441	1093442
Order No.:			Client Sample Ref.:		AA183911	AA183913	AA183915	AA183919	AA183922	AA139459	AA139461	AA139463	AA139466	AA139470
			Sample Location:		BH223	BH223	BH223	BH223	BH223	BH224	BH224	BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
			Bottom Depth (m):		5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
			Asbestos Lab:							COVENTRY				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
Total Xylenes	M	2760	µg/kg	1.0						[AC] < 1.0				
o-Xylene	M	2760	µg/kg	1.0						[AC] < 1.0				
Styrene	M	2760	µg/kg	1.0						[AC] < 1.0				
Tribromomethane	U	2760	µg/kg	1.0						[AC] < 1.0				
Isopropylbenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
Bromobenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
1,2,3-Trichloropropane	N	2760	µg/kg	50						[AC] < 50				
N-Propylbenzene	U	2760	µg/kg	1.0						[AC] < 1.0				
2-Chlorotoluene	M	2760	µg/kg	1.0						[AC] < 1.0				
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
4-Chlorotoluene	U	2760	µg/kg	1.0						[AC] < 1.0				
Tert-Butylbenzene	U	2760	µg/kg	1.0						[AC] < 1.0				
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
Sec-Butylbenzene	U	2760	µg/kg	1.0						[AC] < 1.0				
1,3-Dichlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
4-Isopropyltoluene	U	2760	µg/kg	1.0						[AC] < 1.0				
1,4-Dichlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
N-Butylbenzene	U	2760	µg/kg	1.0						[AC] < 1.0				
1,2-Dichlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50						[AC] < 50				
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0						[AC] < 1.0				
Hexachlorobutadiene	U	2760	µg/kg	1.0						[AC] < 1.0				
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0						[AC] < 2.0				
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0						[AC] < 1.0				
Bromoform	N	2760	µg/kg	10						[A] < 10				
Chloroform	N	2760	µg/kg	10						[A] < 10				
N-Nitrosodimethylamine	M	2790	mg/kg	0.50						[AC] < 0.50				
Phenol	M	2790	mg/kg	0.50						[AC] < 0.50				
2-Chlorophenol	M	2790	mg/kg	0.50						[AC] < 0.50				
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50						[AC] < 0.50				
1,3-Dichlorobenzene	M	2790	mg/kg	0.50						[AC] < 0.50				
1,4-Dichlorobenzene	N	2790	mg/kg	0.50						[AC] < 0.50				
1,2-Dichlorobenzene	M	2790	mg/kg	0.50						[AC] < 0.50				
2-Methylphenol	M	2790	mg/kg	0.50						[AC] < 0.50				
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50						[AC] < 0.50				
Hexachloroethane	N	2790	mg/kg	0.50						[AC] < 0.50				
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50						[AC] < 0.50				
4-Methylphenol	M	2790	mg/kg	0.50						[AC] < 0.50				

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Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093433	1093434	1093435	1093436	1093437	1093438	1093439	1093440	1093441	1093442
Order No.:			Client Sample Ref.:		AA183911	AA183913	AA183915	AA183919	AA183922	AA139459	AA139461	AA139463	AA139466	AA139470
			Sample Location:		BH223	BH223	BH223	BH223	BH223	BH224	BH224	BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
			Bottom Depth (m):		5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
			Asbestos Lab:							COVENTRY				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
Nitrobenzene	M	2790	mg/kg	0.50						[AC] < 0.50				
Isophorone	M	2790	mg/kg	0.50						[AC] < 0.50				
2-Nitrophenol	N	2790	mg/kg	0.50						[AC] < 0.50				
2,4-Dimethylphenol	N	2790	mg/kg	0.50						[AC] < 0.50				
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50						[AC] < 0.50				
2,4-Dichlorophenol	M	2790	mg/kg	0.50						[AC] < 0.50				
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50						[AC] < 0.50				
Naphthalene	M	2790	mg/kg	0.50						[AC] < 0.50				
4-Chloroaniline	N	2790	mg/kg	0.50						[AC] < 0.50				
Hexachlorobutadiene	M	2790	mg/kg	0.50						[AC] < 0.50				
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50						[AC] < 0.50				
2-Methylnaphthalene	M	2790	mg/kg	0.50						[AC] < 0.50				
4-Nitrophenol	N	2790	mg/kg	0.50						[AC] < 0.50				
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50						[AC] < 0.50				
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50						[AC] < 0.50				
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50						[AC] < 0.50				
2-Chloronaphthalene	M	2790	mg/kg	0.50						[AC] < 0.50				
2-Nitroaniline	M	2790	mg/kg	0.50						[AC] < 0.50				
Acenaphthylene	M	2790	mg/kg	0.50						[AC] < 0.50				
Dimethylphthalate	M	2790	mg/kg	0.50						[AC] < 0.50				
2,6-Dinitrotoluene	M	2790	mg/kg	0.50						[AC] < 0.50				
Acenaphthene	M	2790	mg/kg	0.50						[AC] < 0.50				
3-Nitroaniline	N	2790	mg/kg	0.50						[AC] < 0.50				
Dibenzofuran	M	2790	mg/kg	0.50						[AC] < 0.50				
4-Chlorophenylphenylether	M	2790	mg/kg	0.50						[AC] < 0.50				
2,4-Dinitrotoluene	M	2790	mg/kg	0.50						[AC] < 0.50				
Fluorene	M	2790	mg/kg	0.50						[AC] < 0.50				
Diethyl Phthalate	M	2790	mg/kg	0.50						[AC] < 0.50				
4-Nitroaniline	M	2790	mg/kg	0.50						[AC] < 0.50				
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50						[AC] < 0.50				
Azobenzene	M	2790	mg/kg	0.50						[AC] < 0.50				
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50						[AC] < 0.50				
Hexachlorobenzene	M	2790	mg/kg	0.50						[AC] < 0.50				
Pentachlorophenol	N	2790	mg/kg	0.50						[AC] < 0.50				
Phenanthrene	M	2790	mg/kg	0.50						[AC] < 0.50				
Anthracene	M	2790	mg/kg	0.50						[AC] < 0.50				
Carbazole	M	2790	mg/kg	0.50						[AC] < 0.50				
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50						[AC] < 0.50				

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Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL															
				Chemtest Job No.:	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984				**Chemtest Sample ID.:**	1093433	1093434	1093435	1093436	1093437	1093438	1093439	1093440	1093441	1093442
Order No.:				Client Sample Ref.:	AA183911	AA183913	AA183915	AA183919	AA183922	AA139459	AA139461	AA139463	AA139466	AA139470
				Sample Location:	BH223	BH223	BH223	BH223	BH223	BH224	BH224	BH224	BH224	BH224
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
				Bottom Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
				Asbestos Lab:						COVENTRY				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
Fluoranthene	M	2790	mg/kg	0.50						[AC] < 0.50				
Pyrene	M	2790	mg/kg	0.50						[AC] < 0.50				
Butylbenzyl Phthalate	M	2790	mg/kg	0.50						[AC] < 0.50				
Benzo[a]anthracene	M	2790	mg/kg	0.50						[AC] < 0.50				
Chrysene	M	2790	mg/kg	0.50						[AC] < 0.50				
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50						[AC] < 0.50				
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50						[AC] < 0.50				
Benzo[b]fluoranthene	M	2790	mg/kg	0.50						[AC] < 0.50				
Benzo[k]fluoranthene	M	2790	mg/kg	0.50						[AC] < 0.50				
Benzo[a]pyrene	M	2790	mg/kg	0.50						[AC] < 0.50				
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50						[AC] < 0.50				
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50						[AC] < 0.50				
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50						[AC] < 0.50				
Naphthalene	N	2800	mg/kg	0.010						[A] < 0.010				
Acenaphthylene	N	2800	mg/kg	0.010						[A] < 0.010				
Acenaphthene	N	2800	mg/kg	0.010						[A] < 0.010				
Fluorene	N	2800	mg/kg	0.010						[A] < 0.010				
Phenanthrene	N	2800	mg/kg	0.010						[A] 0.34				
Anthracene	N	2800	mg/kg	0.010						[A] 0.093				
Fluoranthene	N	2800	mg/kg	0.010						[A] 0.12				
Pyrene	N	2800	mg/kg	0.010						[A] 0.13				
Benzo[a]anthracene	N	2800	mg/kg	0.010						[A] < 0.010				
Chrysene	N	2800	mg/kg	0.010						[A] < 0.010				
Benzo[b]fluoranthene	N	2800	mg/kg	0.010						[A] < 0.010				
Benzo[k]fluoranthene	N	2800	mg/kg	0.010						[A] < 0.010				
Benzo[a]pyrene	N	2800	mg/kg	0.010						[A] < 0.010				
Indeno(1,2,3-c,d)Pyrene	N	2800	mg/kg	0.010						[A] < 0.010				
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.010						[A] < 0.010				
Benzo[g,h,i]perylene	N	2800	mg/kg	0.010						[A] < 0.010				
Coronene	N	2800	mg/kg	0.010						[A] < 0.010				
Total Of 17 PAH's	N	2800	mg/kg	0.20						[A] 0.68				
PCB 28	N	2815	mg/kg	0.0010						[AC] < 0.0010				
PCB 28	U	2815	mg/kg	0.010						[AC] < 0.010				
PCB 52	N	2815	mg/kg	0.0010						[AC] < 0.0010				
PCB 52	U	2815	mg/kg	0.010						[AC] < 0.010				
PCB 90+101	N	2815	mg/kg	0.0010						[AC] < 0.0010				
PCB 90+101	U	2815	mg/kg	0.010						[AC] < 0.010				
PCB 118	N	2815	mg/kg	0.0010						[AC] < 0.0010				

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Project: 22734 Habour Point Bray Wicklow

Client: IGSL					**Chemtest Job No.:**	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300	20-30300
Quotation No.: Q20-21984					**Chemtest Sample ID.:**	1093433	1093434	1093435	1093436	1093437	1093438	1093439	1093440	1093441	1093442
Order No.:					Client Sample Ref.:	AA183911	AA183913	AA183915	AA183919	AA183922	AA139459	AA139461	AA139463	AA139466	AA139470
					Sample Location:	BH223	BH223	BH223	BH223	BH223	BH224	BH224	BH224	BH224	BH224
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
					Bottom Depth (m):	5.50	6.50	7.50	9.50	11.50	0.50	1.50	2.50	4.50	6.50
					Asbestos Lab:						COVENTRY				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**											
PCB 118	U	2815	mg/kg	0.010							[AC] < 0.010				
PCB 153	N	2815	mg/kg	0.0010							[AC] < 0.0010				
PCB 153	U	2815	mg/kg	0.010							[AC] < 0.010				
PCB 138	N	2815	mg/kg	0.0010							[AC] < 0.0010				
PCB 138	U	2815	mg/kg	0.010							[AC] < 0.010				
PCB 180	N	2815	mg/kg	0.0010							[AC] < 0.0010				
PCB 180	U	2815	mg/kg	0.010							[AC] < 0.010				
Total PCBs (7 congeners)	N	2815	mg/kg	0.0010							[AC] < 0.0010				
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10							[AC] < 0.10				
Total Phenols	M	2920	mg/kg	0.30							< 0.30				
SVOC TIC	N	2790	mg/kg	N/A							[A] None Detected				
VOC TIC	N	2760	µg/kg	N/A							[A] None Detected				

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Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093443	1093444	1093445
Order No.:			Client Sample Ref.:		AA139474	AA139478	AA139480
			Sample Location:		BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		8.50	10.50	11.50
			Bottom Depth (m):		8.50	10.50	11.50
			Asbestos Lab:				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
ACM Type	U	2192		N/A			
Asbestos Identification	U	2192		N/A			
ACM Detection Stage	U	2192		N/A			
Asbestos By Fibre Counting	U	2192	%	0.001			
Moisture	N	2030	%	0.020	29	10	10
pH	M	2010		4.0	[A] 7.0	[A] 7.2	[A] 7.2
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0			
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40			
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	[A] 0.061	[A] 1.5	[A] 0.44
Sulphate (2:1 Extract)	M	2120	mg/kg	20	[A] 120	[A] 3000	[A] 880
Total Sulphur	M	2175	%	0.010	[A] 1.1	[A] 0.43	[A] 0.020
Sulphur (Elemental)	M	2180	mg/kg	1.0			
Chloride (Water Soluble)	M	2220	g/l	0.010			
Fluoride (Extractable)	N	2220	mg/kg	0.010			
Nitrite (Extractable)	N	2220	mg/kg	0.10			
Nitrate (Water Soluble)	N	2220	g/l	0.010			
Phosphate (Available)	N	2420	mg/l	2.0			
Cyanide (Total)	M	2300	mg/kg	0.50			
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50			
Ammonium (Extractable)	M	2425	mg/kg	0.50			
Ammoniacal Nitrogen	M	2425	mg/kg	0.50			
Sodium (Total)	N	2430	mg/kg	10			
Sulphate (Total)	M	2430	mg/kg	100			
Sulphate (Acid Soluble)	M	2430	%	0.010	[A] 0.30	[A] 0.10	[A] 0.020
Arsenic	M	2450	mg/kg	1.0			
Barium	M	2450	mg/kg	10			
Cadmium	M	2450	mg/kg	0.10			
Chromium	M	2450	mg/kg	1.0			
Molybdenum	M	2450	mg/kg	2.0			
Antimony	N	2450	mg/kg	2.0			
Copper	M	2450	mg/kg	0.50			
Mercury	M	2450	mg/kg	0.10			
Nickel	M	2450	mg/kg	0.50			
Lead	M	2450	mg/kg	0.50			
Selenium	M	2450	mg/kg	0.20			
Zinc	M	2450	mg/kg	0.50			
Chromium (Trivalent)	N	2490	mg/kg	1.0			

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Project: 22734 Habour Point Bray Wicklow

Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093443	1093444	1093445
Order No.:			Client Sample Ref.:		AA139474	AA139478	AA139480
			Sample Location:		BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		8.50	10.50	11.50
			Bottom Depth (m):		8.50	10.50	11.50
			Asbestos Lab:				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Chromium (Hexavalent)	N	2490	mg/kg	0.50			
Organic Matter	M	2625	%	0.40			
Total Organic Carbon	M	2625	%	0.20			
Mineral Oil	N	2670	mg/kg	10			
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0			
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0			
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0			
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0			
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0			
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0			
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0			
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0			
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0			
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0			
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0			
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0			
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0			
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0			
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0			
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0			
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0			
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0			
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0			
Naphthalene	M	2700	mg/kg	0.10			
Acenaphthylene	M	2700	mg/kg	0.10			
Acenaphthene	M	2700	mg/kg	0.10			
Fluorene	M	2700	mg/kg	0.10			
Phenanthrene	M	2700	mg/kg	0.10			
Anthracene	M	2700	mg/kg	0.10			
Fluoranthene	M	2700	mg/kg	0.10			
Pyrene	M	2700	mg/kg	0.10			
Benzo[a]anthracene	M	2700	mg/kg	0.10			
Chrysene	M	2700	mg/kg	0.10			
Benzo[b]fluoranthene	M	2700	mg/kg	0.10			
Benzo[k]fluoranthene	M	2700	mg/kg	0.10			
Benzo[a]pyrene	M	2700	mg/kg	0.10			
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10			
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10			

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Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093443	1093444	1093445
Order No.:			Client Sample Ref.:		AA139474	AA139478	AA139480
			Sample Location:		BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		8.50	10.50	11.50
			Bottom Depth (m):		8.50	10.50	11.50
			Asbestos Lab:				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10			
Coronene	N	2700	mg/kg	0.10			
Benzo[j]fluoranthene	N	2700	mg/kg	0.10			
Total Of 16 PAH's	M	2700	mg/kg	2.0			
Total Of 17 PAH's	N	2700	mg/kg	2.0			
Dichlorodifluoromethane	U	2760	µg/kg	1.0			
Chloromethane	M	2760	µg/kg	1.0			
Vinyl Chloride	M	2760	µg/kg	1.0			
Bromomethane	M	2760	µg/kg	20			
Chloroethane	U	2760	µg/kg	2.0			
Trichlorofluoromethane	M	2760	µg/kg	1.0			
1,1-Dichloroethene	M	2760	µg/kg	1.0			
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0			
1,1-Dichloroethane	M	2760	µg/kg	1.0			
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0			
Bromochloromethane	U	2760	µg/kg	5.0			
Trichloromethane	M	2760	µg/kg	1.0			
1,1,1-Trichloroethane	M	2760	µg/kg	1.0			
Tetrachloromethane	M	2760	µg/kg	1.0			
1,1-Dichloropropene	U	2760	µg/kg	1.0			
Benzene	M	2760	µg/kg	1.0			
1,2-Dichloroethane	M	2760	µg/kg	2.0			
Trichloroethene	N	2760	µg/kg	1.0			
1,2-Dichloropropane	M	2760	µg/kg	1.0			
Dibromomethane	M	2760	µg/kg	1.0			
Bromodichloromethane	M	2760	µg/kg	5.0			
cis-1,3-Dichloropropene	N	2760	µg/kg	10			
Toluene	M	2760	µg/kg	1.0			
Trans-1,3-Dichloropropene	N	2760	µg/kg	10			
1,1,2-Trichloroethane	M	2760	µg/kg	10			
Tetrachloroethene	M	2760	µg/kg	1.0			
1,3-Dichloropropane	U	2760	µg/kg	2.0			
Dibromochloromethane	U	2760	µg/kg	10			
1,2-Dibromoethane	M	2760	µg/kg	5.0			
Chlorobenzene	M	2760	µg/kg	1.0			
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0			
Ethylbenzene	M	2760	µg/kg	1.0			
m & p-Xylene	M	2760	µg/kg	1.0			

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Project: 22734 Habour Point Bray Wicklow

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Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093443	1093444	1093445
Order No.:			Client Sample Ref.:		AA139474	AA139478	AA139480
			Sample Location:		BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		8.50	10.50	11.50
			Bottom Depth (m):		8.50	10.50	11.50
			Asbestos Lab:				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Total Xylenes	M	2760	µg/kg	1.0			
o-Xylene	M	2760	µg/kg	1.0			
Styrene	M	2760	µg/kg	1.0			
Tribromomethane	U	2760	µg/kg	1.0			
Isopropylbenzene	M	2760	µg/kg	1.0			
Bromobenzene	M	2760	µg/kg	1.0			
1,2,3-Trichloropropane	N	2760	µg/kg	50			
N-Propylbenzene	U	2760	µg/kg	1.0			
2-Chlorotoluene	M	2760	µg/kg	1.0			
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0			
4-Chlorotoluene	U	2760	µg/kg	1.0			
Tert-Butylbenzene	U	2760	µg/kg	1.0			
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0			
Sec-Butylbenzene	U	2760	µg/kg	1.0			
1,3-Dichlorobenzene	M	2760	µg/kg	1.0			
4-Isopropyltoluene	U	2760	µg/kg	1.0			
1,4-Dichlorobenzene	M	2760	µg/kg	1.0			
N-Butylbenzene	U	2760	µg/kg	1.0			
1,2-Dichlorobenzene	M	2760	µg/kg	1.0			
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50			
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0			
Hexachlorobutadiene	U	2760	µg/kg	1.0			
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0			
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0			
Bromoform	N	2760	µg/kg	10			
Chloroform	N	2760	µg/kg	10			
N-Nitrosodimethylamine	M	2790	mg/kg	0.50			
Phenol	M	2790	mg/kg	0.50			
2-Chlorophenol	M	2790	mg/kg	0.50			
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50			
1,3-Dichlorobenzene	M	2790	mg/kg	0.50			
1,4-Dichlorobenzene	N	2790	mg/kg	0.50			
1,2-Dichlorobenzene	M	2790	mg/kg	0.50			
2-Methylphenol	M	2790	mg/kg	0.50			
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50			
Hexachloroethane	N	2790	mg/kg	0.50			
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50			
4-Methylphenol	M	2790	mg/kg	0.50			

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Project: 22734 Habour Point Bray Wicklow

Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093443	1093444	1093445
Order No.:			Client Sample Ref.:		AA139474	AA139478	AA139480
			Sample Location:		BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		8.50	10.50	11.50
			Bottom Depth (m):		8.50	10.50	11.50
			Asbestos Lab:				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Nitrobenzene	M	2790	mg/kg	0.50			
Isophorone	M	2790	mg/kg	0.50			
2-Nitrophenol	N	2790	mg/kg	0.50			
2,4-Dimethylphenol	N	2790	mg/kg	0.50			
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50			
2,4-Dichlorophenol	M	2790	mg/kg	0.50			
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50			
Naphthalene	M	2790	mg/kg	0.50			
4-Chloroaniline	N	2790	mg/kg	0.50			
Hexachlorobutadiene	M	2790	mg/kg	0.50			
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50			
2-Methylnaphthalene	M	2790	mg/kg	0.50			
4-Nitrophenol	N	2790	mg/kg	0.50			
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50			
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50			
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50			
2-Chloronaphthalene	M	2790	mg/kg	0.50			
2-Nitroaniline	M	2790	mg/kg	0.50			
Acenaphthylene	M	2790	mg/kg	0.50			
Dimethylphthalate	M	2790	mg/kg	0.50			
2,6-Dinitrotoluene	M	2790	mg/kg	0.50			
Acenaphthene	M	2790	mg/kg	0.50			
3-Nitroaniline	N	2790	mg/kg	0.50			
Dibenzofuran	M	2790	mg/kg	0.50			
4-Chlorophenylphenylether	M	2790	mg/kg	0.50			
2,4-Dinitrotoluene	M	2790	mg/kg	0.50			
Fluorene	M	2790	mg/kg	0.50			
Diethyl Phthalate	M	2790	mg/kg	0.50			
4-Nitroaniline	M	2790	mg/kg	0.50			
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50			
Azobenzene	M	2790	mg/kg	0.50			
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50			
Hexachlorobenzene	M	2790	mg/kg	0.50			
Pentachlorophenol	N	2790	mg/kg	0.50			
Phenanthrene	M	2790	mg/kg	0.50			
Anthracene	M	2790	mg/kg	0.50			
Carbazole	M	2790	mg/kg	0.50			
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50			

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Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093443	1093444	1093445
Order No.:			Client Sample Ref.:		AA139474	AA139478	AA139480
			Sample Location:		BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		8.50	10.50	11.50
			Bottom Depth (m):		8.50	10.50	11.50
			Asbestos Lab:				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Fluoranthene	M	2790	mg/kg	0.50			
Pyrene	M	2790	mg/kg	0.50			
Butylbenzyl Phthalate	M	2790	mg/kg	0.50			
Benzo[a]anthracene	M	2790	mg/kg	0.50			
Chrysene	M	2790	mg/kg	0.50			
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50			
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50			
Benzo[b]fluoranthene	M	2790	mg/kg	0.50			
Benzo[k]fluoranthene	M	2790	mg/kg	0.50			
Benzo[a]pyrene	M	2790	mg/kg	0.50			
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50			
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50			
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50			
Naphthalene	N	2800	mg/kg	0.010			
Acenaphthylene	N	2800	mg/kg	0.010			
Acenaphthene	N	2800	mg/kg	0.010			
Fluorene	N	2800	mg/kg	0.010			
Phenanthrene	N	2800	mg/kg	0.010			
Anthracene	N	2800	mg/kg	0.010			
Fluoranthene	N	2800	mg/kg	0.010			
Pyrene	N	2800	mg/kg	0.010			
Benzo[a]anthracene	N	2800	mg/kg	0.010			
Chrysene	N	2800	mg/kg	0.010			
Benzo[b]fluoranthene	N	2800	mg/kg	0.010			
Benzo[k]fluoranthene	N	2800	mg/kg	0.010			
Benzo[a]pyrene	N	2800	mg/kg	0.010			
Indeno(1,2,3-c,d)Pyrene	N	2800	mg/kg	0.010			
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.010			
Benzo[g,h,i]perylene	N	2800	mg/kg	0.010			
Coronene	N	2800	mg/kg	0.010			
Total Of 17 PAH's	N	2800	mg/kg	0.20			
PCB 28	N	2815	mg/kg	0.0010			
PCB 28	U	2815	mg/kg	0.010			
PCB 52	N	2815	mg/kg	0.0010			
PCB 52	U	2815	mg/kg	0.010			
PCB 90+101	N	2815	mg/kg	0.0010			
PCB 90+101	U	2815	mg/kg	0.010			
PCB 118	N	2815	mg/kg	0.0010			

Results - Soil

Project: 22734 Habour Point Bray Wicklow

Client: IGSL			**Chemtest Job No.:**		20-30300	20-30300	20-30300
Quotation No.: Q20-21984			**Chemtest Sample ID.:**		1093443	1093444	1093445
Order No.:			Client Sample Ref.:		AA139474	AA139478	AA139480
			Sample Location:		BH224	BH224	BH224
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		8.50	10.50	11.50
			Bottom Depth (m):		8.50	10.50	11.50
			Asbestos Lab:				
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
PCB 118	U	2815	mg/kg	0.010			
PCB 153	N	2815	mg/kg	0.0010			
PCB 153	U	2815	mg/kg	0.010			
PCB 138	N	2815	mg/kg	0.0010			
PCB 138	U	2815	mg/kg	0.010			
PCB 180	N	2815	mg/kg	0.0010			
PCB 180	U	2815	mg/kg	0.010			
Total PCBs (7 congeners)	N	2815	mg/kg	0.0010			
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10			
Total Phenols	M	2920	mg/kg	0.30			
SVOC TIC	N	2790	mg/kg	N/A			
VOC TIC	N	2760	µg/kg	N/A			

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Results - Single Stage WAC

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Project: 22734 Habour Point Bray Wicklow

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-30300						
Chemtest Sample ID:	1093427						
Sample Ref:	AA141643						
Sample ID:							
Sample Location:	BH212						
Top Depth(m):	0.50						
Bottom Depth(m):	0.50						
Sampling Date:							
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	M	%	[A] < 0.20	3	5	6
Loss On Ignition	2610	M	%	1.4	--	--	10
Total BTEX	2760	M	mg/kg	[AC] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	[AC] < 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	[AC] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	[A] < 0.20	100	--	--
pH	2010	M		8.7	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.056	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	0.0017	< 0.050	0.5	2	25
Barium	1450	U	0.0011	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0017	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	< 0.0010	< 0.50	4	50	200
Chloride	1220	U	4.8	48	800	15000	25000
Fluoride	1220	U	0.19	1.9	10	150	500
Sulphate	1220	U	12	120	1000	20000	50000
Total Dissolved Solids	1020	N	59	590	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.7	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.5

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: 22734 Habour Point Bray Wicklow

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-30300						
Chemtest Sample ID:	1093429						
Sample Ref:	AA146675						
Sample ID:							
Sample Location:	BH219						
Top Depth(m):	1.50						
Bottom Depth(m):	1.50						
Sampling Date:							
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	M	%	[A] 0.53	3	5	6
Loss On Ignition	2610	M	%	2.3	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	[A] < 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	[A] < 0.20	100	--	--
pH	2010	M		8.8	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.022	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	0.0038	< 0.050	0.5	2	25
Barium	1450	U	0.0038	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0010	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0027	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0011	< 0.50	4	50	200
Chloride	1220	U	7.0	70	800	15000	25000
Fluoride	1220	U	0.20	2.0	10	150	500
Sulphate	1220	U	17	170	1000	20000	50000
Total Dissolved Solids	1020	N	72	710	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	10	100	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

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Project: 22734 Habour Point Bray Wicklow

					Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	20-30300						
Chemtest Sample ID:	1093438						
Sample Ref:	AA139459						
Sample ID:							
Sample Location:	BH224						
Top Depth(m):	0.50						
Bottom Depth(m):	0.50						
Sampling Date:							
Determinand	**SOP**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	M	%	[A] 0.42	3	5	6
Loss On Ignition	2610	M	%	2.7	--	--	10
Total BTEX	2760	M	mg/kg	[AC] < 0.010	6	--	--
Total PCBs (7 congeners)	2815	N	mg/kg	[AC] < 0.0010	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	[AC] < 10	500	--	--
Total Of 17 PAH's	2800	N	mg/kg	[A] 0.68	100	--	--
pH	2010	M		8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.028	--	To evaluate	To evaluate
Eluate Analysis			**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1450	U	0.0020	< 0.050	0.5	2	25
Barium	1450	U	0.0028	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.050	0.5	10	70
Copper	1450	U	0.0015	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0027	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.050	0.4	10	40
Lead	1450	U	0.0012	0.012	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0048	< 0.50	4	50	200
Chloride	1220	U	3.0	30	800	15000	25000
Fluoride	1220	U	0.50	5.0	10	150	500
Sulphate	1220	U	4.9	49	1000	20000	50000
Total Dissolved Solids	1020	N	46	460	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	8.3	83	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	21

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Deviations

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In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1093422	AA139452		BH203		A	Amber Glass 250ml
1093422	AA139452		BH203		A	Plastic Tub 500g
1093423	AA141677		BH218		A	Amber Glass 250ml
1093423	AA141677		BH218		A	Plastic Tub 500g
1093425	AA141689		BH218		A	Amber Glass 250ml
1093425	AA141689		BH218		A	Plastic Tub 500g
1093426	AA141694		BH218		A	Amber Glass 250ml
1093426	AA141694		BH218		A	Plastic Tub 500g
1093427	AA141643		BH212		AC	Plastic Tub 1000g
1093428	AA141645		BH212		A	Amber Glass 250ml
1093428	AA141645		BH212		A	Plastic Tub 500g
1093429	AA146675		BH219		A	Amber Glass 250ml
1093429	AA146675		BH219		A	Plastic Tub 500g
1093430	AA146680		BH219		A	Amber Glass 250ml
1093430	AA146680		BH219		A	Plastic Tub 500g
1093431	AA183906		BH223		A	Amber Glass 250ml
1093431	AA183906		BH223		A	Plastic Tub 500g
1093432	AA183909		BH223		A	Amber Glass 250ml
1093432	AA183909		BH223		A	Plastic Tub 500g
1093433	AA183911		BH223		A	Amber Glass 250ml
1093433	AA183911		BH223		A	Plastic Tub 500g
1093434	AA183913		BH223		A	Amber Glass 250ml
1093434	AA183913		BH223		A	Plastic Tub 500g

Deviations

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In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1093435	AA183915		BH223		A	Amber Glass 250ml
1093435	AA183915		BH223		A	Plastic Tub 500g
1093436	AA183919		BH223		A	Amber Glass 250ml
1093436	AA183919		BH223		A	Plastic Tub 500g
1093437	AA183922		BH223		A	Amber Glass 250ml
1093437	AA183922		BH223		A	Plastic Tub 500g
1093438	AA139459		BH224		AC	Plastic Tub 1000g
1093439	AA139461		BH224		A	Plastic Tub 1000g
1093440	AA139463		BH224		A	Amber Glass 250ml
1093440	AA139463		BH224		A	Plastic Tub 500g
1093441	AA139466		BH224		A	Amber Glass 250ml
1093441	AA139466		BH224		A	Plastic Tub 500g
1093442	AA139470		BH224		A	Amber Glass 250ml
1093442	AA139470		BH224		A	Plastic Tub 500g
1093443	AA139474		BH224		A	Amber Glass 250ml
1093443	AA139474		BH224		A	Plastic Tub 500g
1093444	AA139478		BH224		A	Amber Glass 250ml
1093444	AA139478		BH224		A	Plastic Tub 500g
1093445	AA139480		BH224		A	Plastic Tub 1000g

Test Methods

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurememrnt by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.
2420	Phosphate	Phosphate	Spectrophotometry - Discrete analyser

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Test Methods

SOP	Title	Parameters included	Method summary
2425	Extractable Ammonium in soils	Ammonium	Extraction with potassium chloride solution / analysis by 'Aquakem 600' Discrete Analyser using sodium salicylate and sodium dichloroisocyanurate.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

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Report Information

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Key	
U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

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Final Report

Report No.:	20-32225-1
Initial Date of Issue:	28-Nov-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	22734 Harbour Point Bray Wicklow (Ballymore Group & Atkins)

Quotation No.:		**Date Received:**	25-Nov-2020
Order No.:		**Date Instructed:**	25-Nov-2020
No. of Samples:	2		
Turnaround (Wkdays):	7	**Results Due:**	03-Dec-2020
Date Approved:	28-Nov-2020		

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Soil

Project: 22734 Harbour Point Bray Wicklow
(Ballymore Group & Atkins)

Client: IGSL					**Chemtest Job No.:**	20-32225	20-32225
Quotation No.:					**Chemtest Sample ID.:**	1103160	1103161
Order No.:					Client Sample Ref.:	AA183908	AA139461
					Sample Location:	BH223	BH224
					Sample Type:	SOIL	SOIL
					Top Depth (m):	4.50	1.50
					Bottom Depth (m):	4.50	1.50
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Moisture	N	2030	%	0.020		19	36
Organic Matter	U	2625	%	0.40		[A] 0.60	[A] 2.6

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Deviations

RECEIVED: 24/03/2025

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1103160	AA183908		BH223		A	Plastic Tub 500g
1103161	AA139461		BH224		A	Plastic Tub 500g

Test Methods

SOP	Title	Parameters included	Method summary
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

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Appendix 11

Chemical Testing - Water

Chemtest Reports

Standard Report_20-30578-20201118 124837
Standard Report_20-31304-20201126 104845

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

UKAS TESTING
2183

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Final Report

Report No.:	20-30578-1
Initial Date of Issue:	18-Nov-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	Bray - Harbour Point

Quotation No.:		**Date Received:**	11-Nov-2020
Order No.:		**Date Instructed:**	11-Nov-2020
No. of Samples:	4		
Turnaround (Wkdays):	7	**Results Due:**	19-Nov-2020
Date Approved:	18-Nov-2020		

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Water

Project: Bray - Harbour Point

RECEIVED: 24/03/2025

Client: IGSL		**Chemtest Job No.:**			20-30578	20-30578	20-30578	20-30578
Quotation No.:		**Chemtest Sample ID.:**			1094940	1094941	1094942	1094943
		Sample Location:			ROH01	ROH02	RH04	WS04B
		Sample Type:			WATER	WATER	WATER	WATER
		Top Depth (m):			4.82	3.92	1.08	1.36
		Date Sampled:			08-Nov-2020	08-Nov-2020	08-Nov-2020	08-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
Chloride	U	1220	mg/l	1.0	130	64	43	160
Fluoride	U	1220	mg/l	0.050	0.33	0.15	0.16	1.2
Ammonia (Free)	U	1220	mg/l	0.050	< 0.050	< 0.050	0.12	< 0.050
Ammonium	U	1220	mg/l	0.050	0.080	< 0.050	3.2	5.9
Ammoniacal Nitrogen	U	1220	mg/l	0.050	0.064	< 0.050	2.6	4.6
Nitrite	U	1220	mg/l	0.020	2.8	0.063	< 0.020	0.19
Nitrate	U	1220	mg/l	0.50	75	3.8	< 0.50	5.1
Orthophosphate as PO4	U	1220	mg/l	0.050	0.12	0.055	0.11	< 0.050
Sulphate	U	1220	mg/l	1.0	27	29	56	180
Cyanide (Total)	U	1300	mg/l	0.050	< 0.050	< 0.050	< 0.050	< 0.050
Potassium	U	1415	mg/l	0.50	1.8	1.7	3.9	3.6
Sodium	U	1415	mg/l	0.50	40	41	30	140
Arsenic (Dissolved)	U	1450	µg/l	1.0	1.8	1.9	4.2	53
Boron (Dissolved)	U	1450	µg/l	20	56	54	87	120
Barium (Dissolved)	U	1450	µg/l	5.0	61	52	24	150
Cadmium (Dissolved)	U	1450	µg/l	0.080	< 0.080	< 0.080	< 0.080	< 0.080
Copper (Dissolved)	U	1450	µg/l	1.0	1.1	< 1.0	< 1.0	1.5
Mercury (Dissolved)	U	1450	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Molybdenum (Dissolved)	U	1450	µg/l	1.0	2.0	1.3	2.7	4.2
Nickel (Dissolved)	U	1450	µg/l	1.0	15	3.5	< 1.0	3.4
Lead (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Antimony (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Selenium (Dissolved)	U	1450	µg/l	1.0	2.9	1.4	< 1.0	8.2
Zinc (Dissolved)	U	1450	µg/l	1.0	1.3	< 1.0	1.6	8.9
Chromium (Trivalent)	N	1490	µg/l	20	< 20	< 20	< 20	< 20
Chromium (Hexavalent)	U	1490	µg/l	20	< 20	< 20	< 20	< 20
Aliphatic TPH >C5-C6	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C6-C8	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Water

Project: Bray - Harbour Point

RECEIVED: 24/03/2025

Client: IGSL		**Chemtest Job No.:**			20-30578	20-30578	20-30578	20-30578
Quotation No.:		**Chemtest Sample ID.:**			1094940	1094941	1094942	1094943
		Sample Location:			ROH01	ROH02	RH04	WS04B
		Sample Type:			WATER	WATER	WATER	WATER
		Top Depth (m):			4.82	3.92	1.08	1.36
		Date Sampled:			08-Nov-2020	08-Nov-2020	08-Nov-2020	08-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
Aromatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Petroleum Hydrocarbons	N	1675	µg/l	10	< 10	< 10	< 10	< 10
Naphthalene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dichlorodifluoromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	U	1760	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	U	1760	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: Bray - Harbour Point

RECEIVED: 24/03/2025

Client: IGSL			Chemtest Job No.:		20-30578	20-30578	20-30578	20-30578
Quotation No.:			Chemtest Sample ID.:		1094940	1094941	1094942	1094943
			Sample Location:		ROH01	ROH02	RH04	WS04B
			Sample Type:		WATER	WATER	WATER	WATER
			Top Depth (m):		4.82	3.92	1.08	1.36
			Date Sampled:		08-Nov-2020	08-Nov-2020	08-Nov-2020	08-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
1,2-Dichloropropane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	U	1760	µg/l	10	< 10	< 10	< 10	< 10
Bromodichloromethane	U	1760	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	1760	µg/l	10	< 10	< 10	< 10	< 10
Toluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	1760	µg/l	10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane	U	1760	µg/l	10	< 10	< 10	< 10	< 10
Tetrachloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	1760	µg/l	10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	U	1760	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	1760	µg/l	50	< 50	< 50	< 50	< 50
N-Propylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	1760	µg/l	50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results - Water

Project: Bray - Harbour Point

RECEIVED: 24/03/2025

Client: IGSL			Chemtest Job No.:		20-30578	20-30578	20-30578	20-30578
Quotation No.:			Chemtest Sample ID.:		1094940	1094941	1094942	1094943
			Sample Location:		ROH01	ROH02	RH04	WS04B
			Sample Type:		WATER	WATER	WATER	WATER
			Top Depth (m):		4.82	3.92	1.08	1.36
			Date Sampled:		08-Nov-2020	08-Nov-2020	08-Nov-2020	08-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
2-Chlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol (o-Cresol)	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloroaniline	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dimethylphthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,6-Dinitrotoluene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
3-Nitroaniline	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorophenylphenylether	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Diethyl Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results - Water

Project: Bray - Harbour Point

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Client: IGSL		**Chemtest Job No.:**			20-30578	20-30578	20-30578	20-30578
Quotation No.:		**Chemtest Sample ID.:**			1094940	1094941	1094942	1094943
		Sample Location:			ROH01	ROH02	RH04	WS04B
		Sample Type:			WATER	WATER	WATER	WATER
		Top Depth (m):			4.82	3.92	1.08	1.36
		Date Sampled:			08-Nov-2020	08-Nov-2020	08-Nov-2020	08-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
4-Bromophenylphenyl Ether	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Anthracene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Carbazole	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pyrene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Butylbenzyl Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chrysene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Ethylhexyl)Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[k]fluoranthene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]pyrene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Indeno(1,2,3-c,d)Pyrene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenz(a,h)Anthracene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitrophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
SVOC TIC	N	1790	µg/l	N/A	None Detected	None Detected	None Detected	None Detected
VOC TIC	N	1760	µg/l	N/A	None Detected	None Detected	None Detected	None Detected

Test Methods

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.
1415	Cations in Waters by ICP-MS	Sodium; Potassium; Calcium; Magnesium	Direct determination by inductively coupled plasma - mass spectrometry (ICP-MS).
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1490	Hexavalent Chromium in Waters	Chromium [VI]	Automated colorimetric analysis by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection
1700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.
1790	Semi-Volatile Organic Compounds (SVOCs) in Waters by GC-MS	Semi-volatile organic compounds	Solvent extraction / GCMS detection

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

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Final Report

Report No.:	20-31304-1
Initial Date of Issue:	26-Nov-2020
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	Harbour Bray

Quotation No.:		**Date Received:**	17-Nov-2020
Order No.:		**Date Instructed:**	18-Nov-2020
No. of Samples:	4		
Turnaround (Wkdays):	7	**Results Due:**	26-Nov-2020
Date Approved:	26-Nov-2020		

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Water

Project: Harbour Bray

Client: IGSL		**Chemtest Job No.:**			20-31304	20-31304	20-31304	20-31304
Quotation No.:		**Chemtest Sample ID.:**			1098217	1098218	1098219	1098220
				Sample Location:	ROH1	ROH2	ROH4	WS4B
				Sample Type:	WATER	WATER	WATER	WATER
				Date Sampled:	13-Nov-2020	13-Nov-2020	13-Nov-2020	13-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
Chloride	U	1220	mg/l	1.0	97	81	50	110
Fluoride	U	1220	mg/l	0.050	0.14	0.13	0.12	0.14
Ammoniacal Nitrogen	U	1220	mg/l	0.050	0.16	0.077	1.5	2.7
Nitrite	U	1220	mg/l	0.020	2.5	0.033	0.14	0.14
Nitrate	U	1220	mg/l	0.50	61	2.9	1.9	< 0.50
Orthophosphate as PO4	U	1220	mg/l	0.050	0.066	0.063	0.13	0.064
Sulphate	U	1220	mg/l	1.0	25	33	57	220
Cyanide (Total)	U	1300	mg/l	0.050	< 0.050	< 0.050	< 0.050	< 0.050
Potassium	U	1415	mg/l	0.50	1.4	0.80	1.0	6.8
Sodium	U	1415	mg/l	0.50	31	9.8	13	130
Arsenic (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0	5.8
Boron (Dissolved)	U	1450	µg/l	20	45	< 20	< 20	100
Barium (Dissolved)	U	1450	µg/l	5.0	53	7.4	7.1	180
Cadmium (Dissolved)	U	1450	µg/l	0.080	< 0.080	< 0.080	< 0.080	< 0.080
Copper (Dissolved)	U	1450	µg/l	1.0	1.5	1.9	< 1.0	1.5
Mercury (Dissolved)	U	1450	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Molybdenum (Dissolved)	U	1450	µg/l	1.0	1.3	< 1.0	< 1.0	3.3
Nickel (Dissolved)	U	1450	µg/l	1.0	7.5	< 1.0	< 1.0	11
Lead (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Antimony (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Selenium (Dissolved)	U	1450	µg/l	1.0	1.7	< 1.0	1.1	4.8
Zinc (Dissolved)	U	1450	µg/l	1.0	5.6	2.6	2.3	11
Chromium (Trivalent)	N	1490	µg/l	20	[B] < 20	[B] < 20	[B] < 20	[B] < 20
Chromium (Hexavalent)	U	1490	µg/l	20	[B] < 20	[B] < 20	[B] < 20	[B] < 20
Aliphatic TPH >C5-C6	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C6-C8	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10

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Results - Water

Project: Harbour Bray

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Client: IGSL		**Chemtest Job No.:**			20-31304	20-31304	20-31304	20-31304
Quotation No.:		**Chemtest Sample ID.:**			1098217	1098218	1098219	1098220
		Sample Location:			ROH1	ROH2	ROH4	WS4B
		Sample Type:			WATER	WATER	WATER	WATER
		Date Sampled:			13-Nov-2020	13-Nov-2020	13-Nov-2020	13-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
Total Aromatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Petroleum Hydrocarbons	N	1675	µg/l	10	< 10	< 10	< 10	< 10
Naphthalene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dichlorodifluoromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	U	1760	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	U	1760	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	U	1760	µg/l	10	< 10	< 10	< 10	< 10
Bromodichloromethane	U	1760	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	1760	µg/l	10	< 10	< 10	< 10	< 10

Results - Water

Project: Harbour Bray

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Client: IGSL		**Chemtest Job No.:**			20-31304	20-31304	20-31304	20-31304
Quotation No.:		**Chemtest Sample ID.:**			1098217	1098218	1098219	1098220
			Sample Location:		ROH1	ROH2	ROH4	WS4B
			Sample Type:		WATER	WATER	WATER	WATER
			Date Sampled:		13-Nov-2020	13-Nov-2020	13-Nov-2020	13-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
Toluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	1760	µg/l	10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane	U	1760	µg/l	10	< 10	< 10	< 10	< 10
Tetrachloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	1760	µg/l	10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	U	1760	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	1760	µg/l	50	< 50	< 50	< 50	< 50
N-Propylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	1760	µg/l	50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results - Water

Project: Harbour Bray

Client: IGSL		**Chemtest Job No.:**			20-31304	20-31304	20-31304	20-31304
Quotation No.:		**Chemtest Sample ID.:**			1098217	1098218	1098219	1098220
		Sample Location:			ROH1	ROH2	ROH4	WS4B
		Sample Type:			WATER	WATER	WATER	WATER
		Date Sampled:			13-Nov-2020	13-Nov-2020	13-Nov-2020	13-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
2-Methylphenol (o-Cresol)	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloroaniline	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dimethylphthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,6-Dinitrotoluene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
3-Nitroaniline	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorophenylphenylether	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Diethyl Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Anthracene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Carbazole	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50

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Results - Water

Project: Harbour Bray

Client: IGSL		**Chemtest Job No.:**			20-31304	20-31304	20-31304	20-31304
Quotation No.:		**Chemtest Sample ID.:**			1098217	1098218	1098219	1098220
			Sample Location:		ROH1	ROH2	ROH4	WS4B
			Sample Type:		WATER	WATER	WATER	WATER
			Date Sampled:		13-Nov-2020	13-Nov-2020	13-Nov-2020	13-Nov-2020
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
Di-N-Butyl Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pyrene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Butylbenzyl Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chrysene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Ethylhexyl)Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[k]fluoranthene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]pyrene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Indeno(1,2,3-c,d)Pyrene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenz(a,h)Anthracene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitrophenol	N	1790	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
SVOC TIC	N	1790	µg/l	N/A	None Detected	None Detected	None Detected	None Detected
VOC TIC	N	1760	µg/l	N/A	None Detected	None Detected	None Detected	None Detected

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Deviations

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In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request.The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1098217			ROH1	13-Nov-2020	B	Coloured Winchester 1000ml
1098217			ROH1	13-Nov-2020	B	EPA Vial 40ml
1098217			ROH1	13-Nov-2020	B	Plastic Bottle 1000ml
1098218			ROH2	13-Nov-2020	B	Coloured Winchester 1000ml
1098218			ROH2	13-Nov-2020	B	EPA Vial 40ml
1098218			ROH2	13-Nov-2020	B	Plastic Bottle 1000ml
1098219			ROH4	13-Nov-2020	B	Coloured Winchester 1000ml
1098219			ROH4	13-Nov-2020	B	EPA Vial 40ml
1098219			ROH4	13-Nov-2020	B	Plastic Bottle 1000ml
1098220			WS4B	13-Nov-2020	B	Coloured Winchester 1000ml
1098220			WS4B	13-Nov-2020	B	EPA Vial 40ml
1098220			WS4B	13-Nov-2020	B	Plastic Bottle 1000ml

Test Methods

SOP	Title	Parameters included	Method summary
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.
1415	Cations in Waters by ICP-MS	Sodium; Potassium; Calcium; Magnesium	Direct determination by inductively coupled plasma - mass spectrometry (ICP-MS).
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1490	Hexavalent Chromium in Waters	Chromium [VI]	Automated colorimetric analysis by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection
1700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.
1790	Semi-Volatile Organic Compounds (SVOCs) in Waters by GC-MS	Semi-volatile organic compounds	Solvent extraction / GCMS detection

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Report Information

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Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

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Appendix 12

Geotechnical Laboratory Test Records – Rock

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(Diametrial) POINT LOAD STRENGTH INDEX TEST DATA

Contract: Harbour Point Bray
Contract no. 22734
Date of test: 9/11/2020

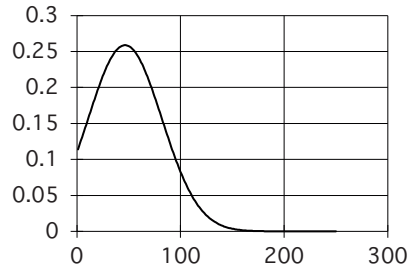
Sample Type: Core

RC No.	Depth m	D (Diameter) mm	P (failure load) kN	F	Is (index strength) Mpa	Is(50) (index strength) Mpa	*UCS MPa	Type	Orienation
RC221	26.2	78	8.0	1.222	1.31	1.61	32	d	//
	26.3	78	8.0	1.222	1.31	1.61	32	d	//
	27.8	78	10.0	1.222	1.64	2.01	40	d	//
	27.9	78	4.0	1.222	0.66	0.80	16	d	//
	28.1	78	8.0	1.222	1.31	1.61	32	d	//
RC222	25.3	78	24.0	1.222	3.94	4.82	96	d	//
	25.4	78	27.0	1.222	4.44	5.42	108	d	//
	25.6	78	12.0	1.222	1.97	2.41	48	d	//
	25.7	78	15.0	1.222	2.47	3.01	60	d	//
	25.8	78	4.0	1.222	0.66	0.80	16	d	//
	26.4	78	6.0	1.222	0.99	1.20	24	d	//
	26.5	78	12.0	1.222	1.97	2.41	48	d	//
	26.6	78	5.0	1.222	0.82	1.00	20	d	//
RC223	25.9	78	6.0	1.222	0.99	1.20	24	d	//
	26.2	78	3.0	1.222	0.49	0.60	12	d	//
	26.3	78	8.0	1.222	1.31	1.61	32	d	//
	26.4	78	4.0	1.222	0.66	0.80	16	d	//
	26.9	78	11.0	1.222	1.81	2.21	44	d	//
	27.1	78	2.0	1.222	0.33	0.40	8	d	//
RC224	23.6	78	33.0	1.222	5.42	6.63	133	d	//
	23.7	78	24.0	1.222	3.94	4.82	96	d	//
	24.3	78	25.0	1.222	4.11	5.02	100	d	//
	24.4	78	7.0	1.222	1.15	1.41	28	d	//

Statistical Summary Data	Is(50)	UCS*
Number of Samples Tested	23	23
Minimum	0.40	8
Average	2.32	46
Maximum	6.63	133
Standard Dev.	1.77	35
Upper 95% Confidence Limit	5.80	115.94
Lower 95% Confidence Limit	-1.15	-23.06

Comments:
*UCS taken as k x Point Load Is(50): k= 20

*UCS Normal Distribution Curve



Abbreviations	
i	irregular
a	axial
b	block
d	diametral

approx. orientation to planes of weakness/bedding

U	unknown
P	perpendicular
//	parallel

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Point Load Axial - Test Results

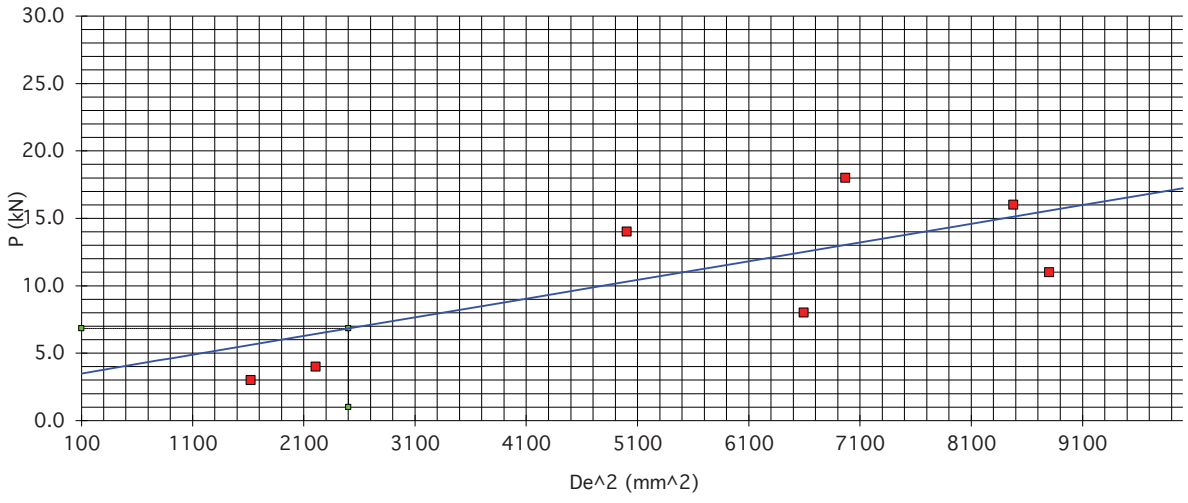
Contract: Harbour Point Bray

Contract No.: 22734

Date of Test: 11/11/2020 Tested by: D.O'S

Sample Type: Irregular lump sample

RC Hole No.	Depth	W1 mm	W2 mm	D mm	P kN	De^2 mm^2	De mm	Is MN/m^2
RC221	25.00-25.80m	120.0	131.0	72	23.0	11505	107	2.00
		128.0	128.0	70	26.0	11409	107	2.28
		78.0	74.0	72	18.0	6967	83	2.58
		110.0	112.0	60	16.0	8480	92	1.89
		128.0	134.0	30	14.0	5004	71	2.80
RC224	22.50-23.50m	94.0	98.0	72	11.0	8801	94	1.25
		201.0	204.0	66	21.0	17017	130	1.23
		68.0	80.0	70	8.0	6596	81	1.21
		56.0	60.0	22	3.0	1625	40	1.85
		50.0	52.0	34	4.0	2208	47	1.81



Calculation of Is(50)

Equation of Best Fit P = 0.00139 De^2 + 3.360602496

P(50) at D(50) from graph = 6.83 kN

Is(50) = (P(50)/2500) x 1000 = 2.7 MN/m^2

IS(50) X 20 = UCS approximately = 54.61794 MPa

Uniaxial Compression Test Report Sheet

I.G.S.L.

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Sample Identification

Contract Name:	Harbour Point Bray
Job Number:	22734
Hole No:	RC224
Depth (m):	24.40m

Sample Description

Colour:	Dark blueish grey
Grain size:	Fine-grained
Weathering Grade:	Fresh
Rock Type:	SILTSTONE

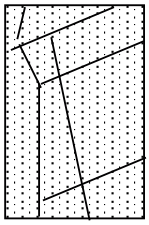
Weathering Grade Criteria

I. Fresh:	Unchanged from original state
II. Slightly weathered:	Slight discolouration, slight weakening
III. Moderately weathered:	Considerable weakening, penetrative discolouration
IV. Highly weathered:	Considerable weakening, penetrative discolouration, breaks in hand

Sample Measurements

Length	202	
Diameter (Ø)	78.1	mm

Sketch of Failure Surfaces



Testing

Load Rate	4.3	kN/min
Load at Failure (P)	347	kN

Strength Calculations

Uniaxial Compressive Strength $= \dfrac{347000}{4788.19385}$

$= \dfrac{1000 \times P}{\prod \times (Ø/2)^2}$

$=$ 72.43 (Mpa)

Bulk Density $=$ 2.71 (Mg/m^3)

Notes:

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Appendix 13

Exploratory Hole Location Plan

Harbour Point, Bray

Ground Investigation Report
IGSL Project Reference 22734

Exploratory Hole Location Plan - 1/2 (North)

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TP203
WS01A
BH / RC203
BH / RC204
WS01B
BH / RC206
BH / RC202
TP201
TP204
BH201
ROH01
TP202
BH205
PT201
BH210
BH211
BH / RC208
TP205
WS03A
WS03B
BH207
BH / RC214
TP209
BH213
WS02B
TP208
WS02A
TP210
BH / RC215
ROH02
TP207
BH / RC216
BH / RC212
PT202
BH / RC217
BH / RC218
TP211
WS04A
WS04B
BH / RC219

Legend

- Cable Percussion BH with Rotary Follow-on
- Cable Percussion Borehole
- Rotary Openhole
- Soakaway Test (to BRE365)
- Trial Pit (with DCP)
- Window Sample

Google Earth

N

100 m

Harbour Point, Bray

Ground Investigation Report
IGSL Project Reference 22734

Exploratory Hole Location Plan - 2/2 (South)

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WS02B
WS02A
TP208
TP210
BH / RC215
ROH02
TP207
BH / RC216
BH / RC212
PT202
BH / RC217
BH / RC218
TP211
WS04A
WS04B
BH / RC219
BH / RC222
BH222A
BH / RC221
PT203
WS05A
BH / RC224
BH / RC223
WS05B
ROH04

Legend

- Cable Percussion BH with Rotary Follow-on
- Cable Percussion Borehole
- Rotary Openhole
- Soakaway Test (to BRE365)
- Trial Pit (with DCP)
- Window Sample

Google Earth

N

100 m