Appendix 2

Rotary Core Drillhole Records & Photographs



REPORT NUMBER

1	99	9																
C	ONTR	ACT	Р	PK3	Profile Pa	ark							1	L,HOL	E NO	RC(01 et 1 of	1
C	O-ORI	DINA	TES		703,24 730,36									TE DRIL	LED		0/2019	
GI	ROUN	ID LE	VEL	(mO	-	81.56			RIG TYPE FLUSH			Knebel Air/Mist	DA	TE LOG	SED)	15/1	0/2019	1
	LIENT NGINE		_	M C.					INCLINATI	` •		-90 70		LLED B		U	SI	_
	T	EK	P	M Gr	Oup				CORE DIA	IVIETER (M	m)	78	LO	GED B) T		O'She	<u>a</u>
Downhole Denth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lo (m 0 ²⁵⁰	cing og m)	Non-intact Zone	Legend			Descript	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 0											NG: No red GROUND o				0.50	04.00		
Ė								<u> </u>	804 Mate	rial)					0.50	81.06		
<u></u>									as returns	of brown s	NG: No rec silty gravelly	cclay wi	served by th cobbles	driller				
Ē'								3										
ŧ								<u></u> ,									I □ I	
F 2								Ŏ.,										
Ē								8										
E	2.80							0.0							2.80	78.76		
-3	3.30	100	38	20			Λ : λ/	H	thinly lami	inated whe	m strong, m re fissile mu	idstone/s	hale), grey	ded (to /dark				
ŧ	3.50							H	grey/black limestone	k, fine-grain grading re	ed, LIMES ⁻ gularly (eve	FONE (argrey) ry approx	gillaceous : 0.10-0.50	m) into				
E		100	41	25			(. · .)		calci-siltite	e limestone	with subordent), partiall	dinate ML	JDSTONE	, local				
4	4.30								distinctly v	weathered	at fissile mu 58m, 3.79-7	dstone/sl	nale zones	at				
E									7.25-7.28	m & 7.60-7	.70m).		12-7.17111,					
Ė		100	64	32				片]		res through							
5							,	Ħ	locally rou	igh, planar	edium to cl to locally cu	ırviplanar	. Aperture:	s are				
Ē	5.60				E				tight to loc	cally open, ahtly iron-ox	locally cĺay- «ide stained	filled (at 5 , locally c	5.04-5.08m alcite-vein	n), ed				
Ė,		100	81	75					(1-10mm	thick). Dips	are 10°-20	& very l	ocally 70°.					
- 6	6.40						<i>/</i> :	H										
ŧ							(.) ? <i>/</i> /	\vdash										
F 7		100	16	0			(· ·)											
Ė	7.60				E		_											
Ē		100	95	95			A \	1										
- 8	8.00	-	1						End	of Borehole	at 8.00 m				8.00	73.56		
Ė																		
19 F																		
11/7																		
-GPT																		
16SE										T								
RI H	EMAR ole ca		0.00-1	2.80r	m.					Water	Casing	Sealed	Rise	Time				DETAILS
JRVE)	oio oa	Jou !	0.00-2							Strike 3.00	Depth 2.80	At N/S	To	(min		Slow	IS	
AL SI										3.00	2.00	14/3				CIUW		
CSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19																		
220 											1 11.1	10-:			GR	OUND	VATER	DETAILS
E IN	STAL					I = = -				Date	Hole Depth	Casing Depth		to r	mment	s		
2 1	<u>Date</u> 5-10-		Tip D 8.0		RZ Top 1.00	RZ Base 8.00	9	Typ 50mn		15-10-19	8.00	2.80	2.55	Wat drilli	er level re ng.	corded 5	mins afte	er end of
IGSI	•	-	2.0					,	e:									



REPORT NUMBER

1993			
CONTRACT PPK3 Profile Park		DANA, HOLE NO	O RC02 Sheet 1 of 1
CO-ORDINATES 703,272.00 E		DATE DRILLED	
730,337.03 N GROUND LEVEL (mOD) 81.32	RIG TYPE Knebel FLUSH Air/Mist	DATE LOGGE	
CLIENT	INCLINATION (deg) -90	DRILLED BY	Petersen
ENGINEER PM Group	CORE DIAMETER (mm) 78	LOGGED BY	O'Shea
Core Run Depth (m) T.C.R.% S.C.R.% R.Q.D.% R.Q.D.% R.Q.D.% Non-intact Zone Legend	Description		Depth (m) Elevation Standpipe Details SPT (N Value)
	SYMMETRIX DRILLING: No recovery, observed as returns of MADE GROUND consisting of gradual Material) SYMMETRIX DRILLING: No recovery, observed as returns of brown silty CLAY SYMMETRIX DRILLING: No recovery, observed as returns of brown gravelly CLAY with cobble	ed by driller 1. ed by driller 2.	.40 80.92 .80 79.52 .70 78.62
3 3.00	SYMMETRIX DRILLING: No recovery, observed as returns of ROCK Very strong to medium strong, medium to thind thinly laminated where fissile mudstone/shale) grey/black, fine-grained, LIMESTONE (argillad limestone grading regularly (every approx 0.10 calci-siltite limestone with subordinate MUDST stylolites, pyrite present), partially weathered widistinctly weathered at fissile mudstone/shale (4.80-4.90m & 5.26-5.38m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, locally rough, planar to locally curviplanar. Apetight to locally open, locally clay-smeared, local iron-oxide stained, locally calcite-veined (1-20) Dips are 10°-20° & very locally 70°.	y bedded (to , grey/dark eeous)-0.70m) into ONE, local /here intact, zones at	.00 78.32
8 8.20 66VVV 9	End of Borehole at 8.20 m	8.	<u>.20</u> 73.12
<u>8</u>			
REMARKS U Hole cased 0.00-3.00m	Water Casing Sealed R	ise Time	WATER STRIKE DETAILS
REMARKS Hole cased 0.00-3.00m. INSTALLATION DETAILS Date Tip Depth RZ Top RZ Base Typ		Γο (min)	No water strike recorded GROUNDWATER DETAILS
INSTALLATION DETAILS	Date Hole Casing Danth	Depth to Water Comm	
Date Tip Depth RZ Top RZ Base Typ		vvaler	



REPORT NUMBER

CO-CREDIANTES 73.03.293.28 Sheet 1 of 1 CO-CREDIANTES 73.03.293.8 Sheet 1 of 1 CO-CREDIANTES 73.03.293.29 Sheet 1 of 1 CO-CREDIANTES 73.03.293.29 Sheet 1 of 1 CO-CREDIANTES ROBURD LEVEL (mOD)	1	100	2																	
CO-ORINATES 703,292,28 E 730,322,29 S N GROUND LEVEL (mOD) 81.26 RIG TYPE FUSH AirMist NCLINATION (deg) 90 DRILLED BY DETERMINED BY LOGGED BY LOG	C	ONTR	ACT	Р	PK3	Profile Pa	ark								'\\'.		NO			1
GROUND LEVEL (mOD) 81.26 FIUSH NICLINATION (deg) 90 DRILLED BY LOGGED BY CORE DIAMETER (mm) 78 Description Fig. 60 Fracture Spacing (mm) Description Fig. 60 Fig. 70 Fracture Spacing (mm) Description Fig. 60 Fig. 70 Fracture Spacing (mm) Description Fig. 60 Fig. 70 Fig. 70	C	O-ORI	DINA	TES												<u>⟨</u> ,	ED			
ENGINEER PM Group CORE DIAMETER (mm) 78 LOGGED BY CORE DIAMETER (mm) MADE GROUP CORE DIAMETER (mm) MADE	GI	ROUN	ID LE	VEL	(mO										DATE	LOGG	ED)	15/1	0/2019	1
SYMMETRIX DRILLING: No recovery, observed by driller as returns of wask ROCK 2 2 2 2 6 0 100 50 2 8 100 50 2				_							` •							0/2		
SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 24 MADE GROUND consisting of gravel (Clause 35 MADE GROUND consisting of gravel (Clause 36 MADE) as returns of machine as returns of brown gravelly CLAY with cobbles SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles SYMMETRIX DRILLING: No recovery, observed by driller as returns of weak ROCK Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous classification) and the strong regularly (every approx 0.10-0.80m) into calci-sittle limestone grading regularly (every approx 0.10-0.80m) into calci-sittle limestone with subordinate MIDSTONE, local stylidites, pyrile present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at 3,63-3.94 m, 10.14-0.3m, 5.93-6.13m, 6.20-6.32m, 7.21-7.43m & 7.58-7.64m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.		Т	ER	Т	M Gr	oup				CORE DIA	METER (m	m)	78		LOGG	FDBA			O'She	<u>a</u>
as returns of MADE GROUND consisting of gravel (Clause 804 Material) SyMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (agallaceus limestone grading regularly (every approx 0.10-0.80m) into calci-sittle limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale comes at (3,63-3,94m, 4.01-4.03m, 5,94-6.13m, 6.20-6.32m, 7.21-7.43m & 7.56-7.64m). Many inciplent fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar: Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.		Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Space Lo (mi	cing og m)	Non-intact Zone	Legend			Descrip	iion				Depth (m)	Elevation	Standpipe Details	SPT (N Value)
SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles SYMMETRIX DRILLING: No recovery, observed by driller as returns of weak ROCK Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.80m) into calci-sittie limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.63-3.94m, 4.01-4.03m, 5.93-6.13m, 6.20-6.32m, 7.21-7.43m & 7.58-7.64m) Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.	- 0																0.30	80.96		
REMARKS REMARKS Hole cased 0.00-2.60m. Water Strike Depth At To Time (min) Comments No water strike record ROUNDWATER DETAIL	3									SYMMETI as returns SYMMETI as returns Very stronthinly lami grey/black limestone calci-siltite stylolites, distinctly v (3.63-3.947.21-7.43 Many incipul cally routight to lociron-oxide	RIX DRILLI of brown o	ING: No record of the provided in the provided	covery, of a cover	oserve o thinly hale), rgillacc x 0.10 JDST whale z 220-6.3	ed by dril y bedded grey/da eous -0.80m) ONE, lo here inta cones at 32m, smooth rtures at lly slight	d (to into cal act,				
REMARKS Hole cased 0.00-2.60m. Water Strike Casing Sealed Rise Time (min) Comments No water strike record GROUNDWATER DETAIL	- 8			37	37			A. 6. W.		End (of Borehole	e at 8.00 m					8.00	73.26	0 0 0	
Hole cased 0.00-2.60m. Water Strike Depth At To Comments No water strike record GROUNDWATER DETAIL	ଞ୍ ଅRE	 EMAR	KS														WAT	 TER ST	 	DETAILS
No water strike record	₽ H			0.00-2	2.60r	n.														
GROUNDWATER DETAIL	2000 FINAL SURV											25541)				
INSTALLATION DETAILS Date Hole Depth Depth Depth Comments	NI OM	STAI	LATI	ON D	ETA	ILS					Date	Hole			epth to	Com			VAIEK	DE IAILO
Date Tip Depth RZ Top RZ Base Type 15-10-19 8.00 1.00 8.00 50mm SP Depth Depth Water Comments	GSL RC FI 1	Date	,	Tip D	epth	RZ Top	i	е			Date	Depth	Deptl	<u> </u>	vvater	5511		-		



REPORT NUMBER

10	<u> </u>	2																	
СО	NTR	ACT	Р	PK3	Profile Pa	ark								EET	IOLE	NO	RC()4 et 1 of	2
СО	-ORE	OINA	TES		703,32 730,31								_	$\overline{}$	RILL	ED.		4/2019	
GR	OUN	D LE	VEL	(mO	-	4.52 N 80.69			RIG TYPE FLUSH			Knebel Air/Mist			oggi			4/2019	
	ENT				-				INCLINATI	ON (deg)		-90	DR	ILLE	D BY	7	<mark>& IG</mark>	SL	
ENG	SINE	ER	Р	M Gr	oup	Т			CORE DIA	METER (m	m)	78	LO	GGE	DBY	,	100	O'She	а
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lo (m ₀ ²⁵⁰	cing Og m)	Non-intact Zone	Legend			Descript					Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 0											ING: No rec wn silty grav								
								م اد م اخ	ao rotarrio	or our bro	wir siity gra	volly OL/	1 Willi OOL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
- 1 -	1.20				-		. ·	0 —	Weathere	d ROCK ho	orizon - reco	overed as	angular g	rave		1.20	79.49		
	1.80	100	35	0		K		\pm		ne with rec	ognisable s								
2		83	27	27		<u> </u>			graverry or	ay						2.90	77.79		
- - 3	3.00				<u>-</u>	É	\ \ \ \ \ \	\pm	Very stron	g to mediu	m strong, m	edium to	thinly bed	ded	(to	2.00			
	3.60	100	63	43			,	\Box	grey/black	k, fine-grain	re fissile mu led, LIMEST	ONE (ar	gillaceous						
:	3.00							\perp	limestone calci-siltite	grading re limestone	gularly (eve with subord	ry approx dinate MU	0.10-0.80 DSTONE	m) ii , loc	nto al				
- - 4		100	79	58					stylolites,	pyrite pres	ent), partiall at fissile mu	y weathe	ed where	inta					
	4.50						(i) /	\vdash	(4.61-4.69	m, 5.58-5.	66m, 6.30-6	5.41m, 6.4	l6-6.50m,						
		100	58	30			/ /	\pm	9.60-9.67		6m, 7.98-8.	01m, 9.2	2-9.37m &	ı					
- - 5	5.10							\pm	Many incip	oient fractu	res through	out.							
								\perp			nedium to cle to locally cu								
		100	55	22		F	/ /	\pm	tight to loc	cally open,	locally clay-	smeared,	locally sli	ghtly	/				
6							,	\pm			cally calcite ery locally 7		1-15mm tr	nick)					
	6.50						<u> </u>	\mp											
							, ,	\Box											
7		100	100	83				\mp											
	7.60							\perp											
					F			\mp											
8								\mp											
:		100	89	53	E	-													
						2	√ √ √ √	\perp											
9	9.10							\pm											
						4	Λ a λ /												
		100	84	59		F													
RE	MAR		_ U-+												!	WAT	ER ST	RIKE	DETAILS
Hol	e cas	sed (0.00-7	7.00r	m					Water Strike	Casing Depth	Sealed At	Rise To		Time min)	Со	mmen	ts	
										2.00	2.00	N/S	. ,		,		Slow		
																<u> </u>			
			<u> </u>							5 .	Hole	Casing	1 Denth	to				VATER	DETAILS
INS			ON D			D7 Paga		Т		Date	Depth	Depth	Depth Wate	r	Com	ments	S		
REI Hol	<u>Date</u>	+	ט אוי	երոյ	VT 10b	RZ Base		Тур	, <u>c</u>	1									



REPORT NUMBER

10	ලි	<u>L</u> /														_		
СО	NTR	ACT	Р	PK3	Profile P	ark							· · · · · · · · · · · · · · · · · · ·	A.HOLE	NO	RC		
GR		D LE	TES	(mO	703,32 730,31 D)	9.96 E 4.52 N 80.69			RIG TYPE FLUSH			Knebel Air/Mist	DAT	E DRILL E LOGO	ED	26/0 29/0	et 2 of 4/2019 4/2019)
	ENT SINE		Р	M Gr	oup				CORE DIA	ON (deg) METER (mn	n)	-90 78		LED B			SL O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lo (m	cing og m)	Non-intact Zone	Pregend			Descript	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 10 - - - - - -	10.70														10.70	69.99		
- - 11 -																		
12																		
13																		
14																		
15																		
16																		
17																		
- - - 18																		
19																		
									End	of Borehole	ot 10.90 m							
RE	MAR	KS		<u> </u>	I				Lilu	Ji Borenole	at 19.00 III				WA	L FER S1	RIKE	DETAILS
Hol			0.00-7	7.00r	n.					Water	Casing	Sealed	Rise	Time		mmen		
REI Hol										Strike 2.00	Depth 2.00	At N/S	То	(min)		Slow		
											1	1-			GRO	DUNDV	VATER	RDETAILS
INS	TAL Date		ON D			RZ Base		Тур	De .	Date 02-10-19	Hole Depth 10.70	Casing Depth 3.00	Depth t Water				mins aft	er end of
												1						



REPORT NUMBER

	ORD	ACT DINAT		PK3	Profile Park 703,225.17 E						DRILLHO SHEET DATE DR			05 et 1 of 0/2019	
		D LE	VEL	(mOI	730,340.39 N D) 81.95			RIG TYPE FLUSH		Knebel Air/Mist	DATE LO	GGED	10/1	0/2019	
	ENT SINE	ER	P	M Gro	oup			INCLINATION (deg) CORE DIAMETER (m	m)	-90 78	LOGGED LOGGED		IG O	SI O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm)	Non-intact Zone	Legend		Descripti	ion		Depth (m)	Elevation	Standpipe Details	SPT (N Value)
)							<u> </u>	SYMMETRIX DRILL as returns of MADE (Clause 804 Materia SYMMETRIX DRILL as returns of brown of	GROUND c	onsisting of overy, obser	cobbly grave	0.80	81.15		
2	2.30							as returns or brown (gravelly OLA	VI WILLI CODD		2.30	79.65		
	2.95 3.10	100	75 87	35 67		/		Very strong to mediu thinly laminated whe grey/black, fine-grain limestone grading re	re fissile mu led, LIMEST gularly (eve	dstone/shale ONE (argillary approx 0.7	e), grey/dark aceous 10-0.70m) int	0			
		100	91	78		520		calci-siltite limestone stylolites, pyrite pres- distinctly weathered (2.80-2.86m, 3.87-3. Many incipient fractu	ent), partiall _! at fissile mu 97m, 5.69-5	y weathered dstone/shale .83m & 7.36	where intact zones at				
- 1	4.30 4.55	100	28	0		, (ο λ /		Discontinuities are m							
5		100	76	50				locally rough, planar tight to locally open, locally slightly iron-ox (1-7mm thick). Dips a	locally clay- kide stained	filled (at 4.26 , commonly	6-4.31m), calcite-veine	d			
;	5.80	100	00			(:) () () () () () () () () (
,	6.90	100	90	55		Λ·. \.									
	7.95	100	96	40		Λ & λ/						7.95	74.00		
3					_			End of Borehole	e at 7.95 m						
E	MARI	KS											TER ST	RIKE	DETAILS
ol	e cas	sed 0	.00-2	2.30n	n.			Water Strike 2.50	Casing Depth 2.30	Sealed At N/S	Rise Tii To (m	ne in) Co	Slow	ts	
]c.	TA!!	ΔΤΙ/	ט ואכ	ETAI	18			Date	Hole	Casing	Depth to	GR Commen		VATER	R DETAIL
	Date				RZ Top RZ Bas	е	Тур		Depth 7.95	Depth 2.30	2.15 V	/ater level r		mins aft	er end of



REPORT NUMBER

CC	ONTRA	ACT	P	PK3	Profile Pa	ark							' (LHOLE	NO	RC		4
CC)-ORE	OINA.	TES		703,26 ⁻ 730,31								SHÈ	DRILL	ED.		et 1 of 0/2019	
GF	ROUN	D LE	VEL	(mO	-	81.67			RIG TYPE FLUSH			Knebel Air/Mist	DATE	LOGG	ED)	14/1	0/2019)
	IENT IGINE	ER	PI	M Gr	oup				INCLINATION CORE DIAI	,	m)	-90 78		LED BY GED BY		0/2	eterser O'She	
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mi	cing og m)	Non-intact Zone	Legend			Descripti		1 22	_	Depth (m)	Elevation	Standpipe Detail	SPT (N Value)
1								X	as returns 804 Mater SYMMETF	of MADE (NG: No rec GROUND of NG: No rec silty CLAY	onsisting o	of gravel (C	lause /		81.27		
2									as returns highly wea	of brown s athered roc		ith cobble	s - Possible	e /		79.57		
3	3.00								SYMMETI as returns		NG: No rec	overy, obs	served by d	riller /	3.00	78.67		
4	4.70	100	84	48			<i>k</i> · · · <i>k</i>		thinly lami grey/black limestone calci-siltite stylolites, I distinctly v (5.69-5.85	nated when , fine-grain grading regal limestone pyrite prese veathered a m).	m strong, m re fissile mu ed, LIMEST gularly (eve with subord ent), partially at fissile mu	lark i) into ocal itact,						
- 5	7.00	100	67	44			⟨ • ⟩ /		Discontinu locally rou tight to loc 7.34-7.36r	uities are m gh, planar ally open, l m), locally s omite-vein	res through edium to clo to locally cu ocally clay- slightly iron- ed (1-200mi	osely spac rviplanar. filled (at 6 oxide stai	Apertures a .11-6.13m & ned, locally	are &				
8	8.10	100	56	50			K = \ A								8.10	73.57		
E									End o	f Borehole	e at 8.10 m							
RE	MAR			2.00	<u> </u>	ļ.				Water	Casing	Spaled	Rico	Time				DETAILS
RE Ho	le cas	sed (J.00-3	3.00r	n.					Water Strike 2.50	Casing Depth 2.50	At N/S	Rise To	Time (min)		Slow		DETAILS
INS	STAL	LATI	ON D	ETA	ILS					Date	Hole	Casing	Depth to Water	Com	ment		VAIER	DE I AILS
	Date				RZ Top	RZ Base)	Тур	oe		Depth	Depth	vvaler					



REPORT NUMBER

10		7																
СО	NTR	ACT	Р	PK3	Profile Pa	ark							DAII SHE	LHOLE	NO	RC(07 et 1 of	2
СО	-ORE	DINA	TES		703,28 ⁻ 730,30									E DRILL	ĘD.		9/2019	
GR	OUN	D LE	EVEL	(mOl	-	6.02 N 81.60			RIG TYPE FLUSH			Knebel Air/Mist		E LOGO	X \		0/2019	
	IENT				-				INCLINATION	ON (deg)		-90	DRII	LED B	Υ 、	G IG	SI	
EN	GINE	ER	Р	M Gr	oup				CORE DIA	METER (m	m)	78	LOG	GED B	Y	700	O'She	а
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mi	cing og m)	Non-intact Zone	Legend			Descripti				Depth (m)	Elevation	Standpipe Detail	SPT (N Value)
- 0											ING: No rec wn silty grav							
- 1	1.50										orizon - reco	,			1.50	80.10		
Ē	2.00	100	10	0					of limestor	ne with rec	ognisable s	ructure w	ith layers o	of				
2	2.40	100	15	0	L										2.35	79.25		
	2.95	100	87	62			,		thinly lami grey/black	nated whe	m strong, m re fissile mu ied, LIMEST	dstone/sh ONE (arg	ale), grey/ jillaceous	dark				
3	3.30	100	89	63	F				limestone calci-siltite	grading re limestone	gularly (eve	ry approx linate MU	0.10-0.80r DSTONE,	n) into local				
4	4.30	100	79	42					distinctly v (3.30-3.32	weathered and the weathered and the weather weather weather with the weather weather weather weather weather we also we at the weather we were a support of the weather weather we will be a support of the weather will be a support of the weather we will be a support of the weather we will be a support of the weather we will be a support of the weather will be a support of t	ent), partially at fissile mu 03m, 4.75-4 0m, 7.74-7.	dstone/sh .78m, 5.0	ale zones 3-5.06m,					
5	5.80	100	91	45					Discontinu locally rou tight to loc iron-oxide	uities are m igh, planar cally open, stained, lo	res through nedium to clo to locally cu locally clay- ocally calcite ery locally 7	osely spar rviplanar, smeared, -veined (*	Apertures locally slig	are htly				
6	7.00	100	68	23	-		<u> </u>											
7	7.50	100	52	22			/											
8	9.00	100	93	71			/											
9	MA	100	93	77						I					10/0-			DETAIL O
Ho	MAR le ca		0.00-2	2.40r	n.					Water	Casing	Sealed	Rise	Time		mmen		DETAILS
9 RE HOLL STORM ST										Strike 3.60	Depth 2.40	At N/S	То	(min)		Slow		
1	.		1011 -							5	Hole	Casing	Denth t	0 0			VATER	DETAILS
INS	Date		ION D		RZ Top	RZ Base	9	Тур	oe	Date	Depth	Depth	Depth t Water	Cor	nment	S		
∠						1	1			1		1						



REPORT NUMBER

/ાઉદ	35/														_	.200	
CONTR	ACT	Р	PK3	Profile P	ark								A.HOLE	NO	RC		0
CO-OR	ND LI		(mO	703,28 730,30 D)	7.38 E 6.02 N 81.60			RIG TYPE FLUSH			Knebel Air/Mist	DAT	E DRIL	ED.	30/0 01/1	et 2 of 9/2019 0/2019)
CLIENT ENGINE		Р	M Gı	oup				INCLINATI CORE DIA	ON (deg) METER (mr	n)	-90 78		LLED B			SI O'She	а
Downhole Depth (m) Core Run Depth (m)		S.C.R.%	R.Q.D.%	Frac Spa Lo (m	cing og m)	Non-intact Zone	Legend			Descrip	tion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
10 10.15	5							End	of Borehole	at 10.15 r	n			10.15	71.45		
-112 -13 -14 -15 -16 -17 -18																	
REMAR	RKS													WA	TER ST	RIKE	DETAILS
REMAR Hole ca	sed	0.00-2	2.40i	m					Water Strike 3.60	Casing Depth 2.40	Sealed At N/S	Rise To	Time (min)		mmen Slow	ts	
														GRO	DUNDV	VATER	RDETAILS
INSTAL Date				ILS RZ Top	RZ Base	9	Туј	pe	Date 01-10-19	Hole Depth 10.15	Casing Depth 2.40	Depth t Water 1.85				mins aft	er end of



REPORT NUMBER

10	00	3/																	
CC	NTR	ACT	Р	PK3	Profile Pa	ark								HALHO	OLE NO	0	RC0 Shee)8 et 1 of	1
CC	-ORE	OINA	TES		703,32 730,29				nie = :					-	RILLED)		0/2019	
GF	ROUN	D LE	VEL	(mO	-	81.40			RIG TYPE FLUSH			Knebel Air/Mist	DA	TE LC	GGE	<u>).</u>	09/10	0/2019)
	IENT		_						INCLINATI	` •	,	-90	DF	RILLED		7) IG		
	GINE	ER	P	M Gr	oup				CORE DIA	METER (mi	m)	78	LC	GGE	BY		1	O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lc (m	cing og m)	Non-intact Zone	Legend			Descrip	tion			-	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0						•			as returns	RIX DRILLI of MADE						40	81.00		
Ė									804 Mater	ial) RIX DRILLI	NG: No red	covery, ob	served by	/ drille	r 0.	80	80.60		
1								<u> </u>	\as returns	of gravelly	CLAY				_/				
Ē								<u> </u>		of brown g				/ unite	1				
Ė																			
2	2.40							 							2	40	70.00		
Ē	2.40	400	00	45					Very stron	g to mediu	m strong, r	nedium to	thinly be	dded (to	4 ∪	79.00		
Ē,	3.00	100	63	45	<u> </u>				grey/black	nated where, fine-grain	ed, LIMES	TONE (aı	gillaceous	3					
E 3		100	49	17			<i>L</i> · · ·		calci-siltite	grading reg limestone	with subor	dinate MI	JDSTONE	E, loca	d				
ŧ	3.65						,		distinctly v	pyrite prese veathered a	at fissile mu	údstone/s	hale zone	s at	t,				
4	4.20	100	27	0			<u> </u>	H		m, 3.90-4.0 pient fractu			5.63-5.68r	n).					
Ė	20	100	28	20			<i>/</i>			uities are m	_		aced. smo	oth to					
ŧ	4.70								locally rou	gh, planar ally open, l	to locally c	urvipĺana	r. Aperture	s are					
5		100	43	18					3.76-3.90	m), locally s ned (1-8mi	slightly iron	-oxide sta	ained, loca	lly					
Ē	5.50				-		,	片	locally 70°		iii tillokj. Di	ps arc re	-20 a v	,ı y					
Ė		100	60	17	L		,												
- 6	6.20						^												
Ē		100	04	75				H											
7		100	91	75															
Ę,	7.30																		
Ē	7.05	100	55	55												OF.	72 15		
8	7.95								End (of Borehole	e at 7.95 m				1.	ອວ	73.45		
ŧ																			
<u>6</u>																			
11/1																			
TGD:																			
1651										Т									
G RE	MAR le cas		0.00-2	2.40r	m.					Water	Casing	Sealed	Rise	Ti	ime V				DETAILS
JRVE	. 300	'		. • 1						Strike 2.60	Depth 2.40	At N/S	То		nin)	U0	mment Slow	.5	
IAL SI										2.00	=0	. 4/ 0					2.011		
CSL RC FI 10M 22000 FINAL SURVEY.GPJ GSL.GDT 7/1/19																			
M 22C											Hole	Casin	a Donth	to				VATER	DETAILS
트 IN	_		ON D		RZ Top	D7 Dag		T	20	Date	Depth	Depth	n Wat	er '	Comm			mater = . C	
SL RC	Date	\dashv	ט או ו	epin	NZ 10p	INA DASE		Тур	JE	09-10-19	7.95	2.40	2.25		Water lev drilling.	ei rei	corded 5	mins atte	ena of
೮																			



REPORT NUMBER

СО	NTR	ACT	Р	PK3	Profile Pa	ark							DRII SHE	LHOLE	NO	RC()9	1
СО	-ORE	OINA.	TES		703,214 730,314				RIG TYPE			Knebel	DATI	E DRILL	\sim	11/1	0/2019	ı
			VEL ((mO	D)	82.74			FLUSH	ON (1)		Air/Mist		LOGĠ	~.		0/2019	
	IENT GINE		PI	M Gr	oup				CORE DIA		m)	-90 78		LED BY GED BY		0	SL O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mi	cing g m)	Non-intact Zone	Legend			Descript	ion			Depth (m)	Elevation	Standpipe Detaile	SPT (N Value)
- 0									as returns SYMMETI	of BOULD	NG: No rec			/		82.44		
1									SYMMETI as returns	RIX DRILLI of brown g	NG: No rec gravelly CLA	riller		81.64				
2	2.10	50	0	0	_						ROCK horiz vith gravelly		vered as an	gular		79.79		
3	3.10 4.45	100	17	0					thinly lami grey/black limestone calci-siltite stylolites, distinctly v (3.24-3.38	nated when a, fine-grain grading regelimestone pyrite preserveathered a am, 4.27-4.3	m strong, m re fissile mu ed, LIMES gularly (eve with subord ent), partiall at fissile mu 31m, 6.30-6	Idstone/sh FONE (arg ry approx dinate MU y weather Idstone/sh 6.47m & 6.	nale), grey/o gillaceous 0.10-0.40m DSTONE, l ed where in ale zones a	dark n) into local ntact, at	2.00	73.73		
5	5.50	90	69	37	E		19 //		Discontinu locally rou tight to loc	uities are m gh, planar ally open, l	res through edium to cloto locally cu locally clay-	osely spac irviplanar. smeared,	Apertures locally sligh	are ntly				
E	5.85	100	94	34				\perp			cally calcite ery locally 7		-2mm thick	κ).				
6	6.30	100	40 58	33		<u> </u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \											
- 7 7 	7.55				E	4	<u> </u>											
8	8.00	100	100	71					End o	of Borehole	e at 8.00 m				8.00	74.74		
9																		
RE	MAR			10	·	<u> </u>				Water	Casina	Spaled	Rice	Time				DETAILS
RE Ho	ie cas	sed (0.00-2	2.10r	n.					Water Strike 2.65	Casing Depth 2.10	Sealed At N/S	Rise To	Time (min)		Slow		
IN 10	TA:	. AT.	ON 5	CT ^						Dete	Hole	Casing	Depth to) 0 -			VATER	DETAILS
INS	Date		ON D Γip De		RZ Top	RZ Base)	Тур	oe	11-10-19	Depth 8.00	Depth 2.10	Water 3.10	Con		s corded 5	mins afte	er end of



REPORT NUMBER

10	ගුනු	5/																
СО	NTR	ACT	Р	PK3	Profile Pa	ark							14	LHOL	E NO	RC'	10 et 1 of	1
СО	-ORE	DINA	TES		703,250 730,29									TE DRIL	LED		0/2019	
GR	OUN	D LE	VEL	(mOl		82.15			RIG TYPE FLUSH			Knebel Air/Mist	DA ⁻	TE LOG	GED)	04/1	0/2019	
1	ENT GINE		Р	M Gr	oup				INCLINATION CORE DIA		m)	-90 78	I	LLED B) IG	SI O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mi	cing og m)	Non-intact Zone	Legend			Descrip	tion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 1	1.20								as returns 804 Mater SYMMETI as returns	RIX DRILLI of brown (GROUND (NG: No rec CLAY	consisting	of gravel (Clause		81.75 80.95		
-	1.70	100	0	0					Returns of gravelly cl	f angular g ay	ravel and o	obbles of	limestone	with				
2	2.50 2.70	44	0	0	_				SYMMETI	RIX DRILLI	NG: No re	covery ob	served by	driller		79.65 79.45		
Ē.,	3.05	100	0	0					\as returns	of light broveathered I	wn gravell	y CLÁY wi	th cobbles	3				
- 3	3.70	31	0	0					gravel of l	imestone w	rith gravelly	/ clay			3.70	78.45		
4	4.30	100	97	68	L				thinly lami grey/black limestone	g to mediu nated wher , fine-grain grading re	re fissile m ed, LIMES gularly (eve	udstone/sl TONE (arg ery approx	nale), grey gillaceous 0.10-0.70	/dark m) into				
5	5.80	100	57	46			(i) (i		calci-siltite stylolites, distinctly v (4.71-4.73 6.57-6.59r	e limestone pyrite prese veathered a m, 5.32-5.9 m, 6.69-6.7 pient fractu	with suborent), partial at fissile me 57m, 6.31-7m, 7.30-7	dinate ML ly weather udstone/sh 6.35m, 6.4 7.33m & 8.	IDSTONE red where hale zones IS-6.50m,	, local intact, at				
6		100	67	57		= = = = = = = = = = = = = = = = = = =			locally rou tight to loc iron-oxide	uities are m gh, planar cally open, l stained, co s are 10°-2	to locally c locally clay ommonly c	urvipÍanar -smeared, alcite-vein	Aperture	s are ghtly			0 0	
	7.30	100	77	65														
8	8.40					4	\ \ \ \ \ \		End o	of Borehole	e at 8.40 m				8.40	73.75		
RE Hol																		
RE	MAR	_	2.00					I		\\/ata=	Cooir -	Cooled	Dia-	T:		TER ST	RIKE I	DETAILS
Hol	e ca	sed (0.00-	3.70r	π.					Water Strike	Casing Depth	Sealed At	Rise To	Time (min) СС	ommen lo wate		recorded
															GR	OUNDV	VATER	DETAILS
INS	Date	-	_	epth	RZ Top			Тур		Date 07-10-19	Hole Depth 8.40	Casing Depth 3.70	Depth Wate		mment		mins afte	er end of
7-10-19 8.40 1.00 8.40 50m								50mm	1 SP					Giilli	··9·			



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CO-ORDINATES	10	02	5/																	
RIG TYPE FLUSH AirMist NCLINATION (deg) 9-80 LATE LORGED BY LOGGED	СО	NTR	ACT	Р	PK3	Profile Pa	ark								· · · · · · · · · · · · · · · · · · ·	/ <u>_</u>	NO			1
Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay g	GR	OUN	D LE		(mOl	730,27	7.11 N			FLUSH	ON (deg)		Air/Mis		DAT	E DRILL E LOGG	ED.	09/1	0/2019	
SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 0.40 81.95 80 Material) SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.40m) into calci-slittel imestone with subordinate MUDSTONE, local styloiltes, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.21-3.24m, 3.36-3.34m, 3.97-4.04m, 4.15-4.18m, 6.53-6.62m, 6.96-6.79m, 7.03-7.08m, 7.317-3.5m, 7.61-7.71m & 8.11-8.17m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-greared, locally slightly iron-oxide stained, locally calcite-veined (1-100mm thick). Dips are 10°-20° & very locally 70°.	EN	GINE	ER	Р	M Gr	oup				CORE DIA	METER (m	m)	78		LOG	GED B	<u> </u>	- O	O'She	a
as returns of MADE GROUND consisting of gravel (Clause 8.04 Material) SymMeTRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous classified in thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous classified in thinly laminated whore fissile mudstone/shale) are classified in thinly laminated whore fissile mudstone/shale cones at (3.21-3.24m, 3.8-3.34m, 3.97-4.04m, 4.15-4.18m, 6.53-6.62m, 6.69-6.79m, 7.03-7.08m, 7.31-7.35m, 7.61-7.17m & 8.11-8.17m) Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally outrylpanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-100mm thick). Dips are 10°-20° & very locally 770°.	Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Spad Lo (mi	cing og m)	Non-intact Zone	Legend			Descrip	tion				Depth (m)	Elevation	Standpipe Details	SPT (N Value)
distinctly weathered at fissile mudstone/shale zones at (3.21-3.24m, 3.36-3.38m, 3.97-4.04m, 4.15-4.18m, 6.53-6.62m, 6.69-6.77, 7.03-7.08m, 7.31-7.35m, 7.61-7.71m & 8.11-8.17m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-100mm thick). Dips are 10°-20° & very locally 70°. End of Borehole at 8.25 m	1 2							4		as returns 804 Mater SYMMETI as returns Probabe v gravel of I Very stron thinly lami grey/black limestone calci-siltite	weathered imestone v grading regarding re e limestone to the control of the contr	ROCK horivith gravelly m strong, refissile med, LIMES gularly (evwith subo	consistin covery, c AY with c zon - rec y clay medium t udstone/ TONE (a rery apprar dinate M	o thir over o thir over o thir urgilla	ed as ar hly bedd), grey/(aceous 0-0.40n);TONE,	ed (to dark	2.20	80.15		
6.75	5		100	85	28			/		distinctly v (3.21-3.24 6.53-6.62 7.61-7.71 Many incip Discontinu locally rou tight to loc iron-oxide	weathered Im, 3.36-3. m, 6.69-6.7 m & 8.11-8 pient fractu uities are m igh, planar cally open, stained, lo	at fissile m 38m, 3.97- 9m, 7.03-7 .17m). res through redium to coto locally clocally clay cally calcit	udstone/ 4.04m, 4 7.08m, 7. nout. losely sp urviplana -smeare e-veined	shale .15-4 31-7. aced ar. Ap	e zones 1.18m, .35m, I, smoot pertures cally sligi	h to are htly				
7.60 100 85 40 8.25 74.10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		6.75	100	67	31			/ / · · · /												
8 8.25	- 7 - - -	7.60																		
NSTALLATION DETAILS Date Tip Depth RZ Top RZ Base Type 10-10-19 8.25 1.00 8.25 50mm SP Sealed Rise Time Comments Comments Time Comments Co		8.25	100	/1	20	F		<i>(</i>		End (of Borehole	e at 8.25 m					8.25	74.10		
Hole cased 0.00-2.20m. Water Strike Depth At To Time (min) Comments	RE	MAR	KS		L					<u> </u>							WA1	L FER ST	I	DETAILS
NSTALLATION DETAILS Date Hole Depth De	Hol		_	D.00-2	2.20r	n.					Strike	Depth	At				Со	Slow	ts	
INSTALLATION DETAILS Date Depth Depth Depth Depth Water Comments	<u></u>											Hole	Casi	na	Donth +				VATER	DETAILS
	10	Date	-	Tip D	epth	RZ Top		Э				Depth	Dept	h	Water	Wate	r level re		mins afte	er end of



REPORT NUMBER

		/																
	NTR			PK3	Profile Pa	ark								HALHOL IEET	LE NO	RC'	12 et 1 of	1
GR	OUN			(mO	703,304 730,262 D)				RIG TYPE FLUSH	ON (da a)		Knebel Air/Mist	DA	TE DRI	GED	09/1	0/2019 0/2019 SSL	
	ENT GINE	ER	P	M Gr	oup				CORE DIA	` •	n)	-90 78		GGED		U /	O'She	а
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mi	cing og m)	Non-intact Zone	Legend			Descrip	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0 1 2 3 4 5 6 7 7 8 9	2.70 4.10 4.80 6.00 7.00 7.40 7.90	100 100 100 100	68 73 48 75 77 100	46 60 12 45 46					Very stron thinly lami grey/black limestone calci-siltite stylolites, distinctly v (2.81-2.86 5.32-5.35 6.84-6.87 Many incip Discontinu locally rou tight to loc locally slig (1-15mm to	g to mediu nated wher fine-grain grading req limestone pyrite prese weathered a fm, 4.46-4.4 m, 5.82-5.8	m strong, n re fissile mu ed, LIMES gularly (eve with subor ent), partial at fissile mu 50m, 4.63-55m, 6.49-6 res through edium to ci cocally clayide stained are 10°-20	nedium to udstone/sl TONE (argaprox 6.04m, 5.2 6.04m, 5.2 foot.	thinly be- nale), gre- gillaceous 0.10-0.6 IDSTONE ed where nale zone 25-5.28m 3-6.69m cced, smo Aperture 3.35-5.44	dded (to y/dark s) 0m) into E, local e intact, s at &	2.70	79.18		
RE	MAR							<u> </u>						T		TER S	I TRIKE I	DETAILS
REI	e cas	sed (0.00-2	2.70r	n.					Water Strike 1.80	Casing Depth 1.80	Sealed At N/S	Rise To	Tim (mir	n)	Slow		
1			OF: =							D.:	Hole	Casing	Depth	to a			VATER	DETAILS
	Date -10-1	1		epth		RZ Base 7.90		Tyr 50mm		08-10-19	7.90	Depth 2.70	Wat 2.25	er Wa	omment ater level re lling.		i mins afte	er end of



REPORT NUMBER

10	9	2																
СО	NTR	ACT	Р	PK3	Profile Pa	ark							1	A,HOL	E NO	RC1	13 et 1 of	1
СО	-ORE	DINA	TES	_	703,20 730,28						_			E DRIL	LED		0/2019	
GR	OUN	D LE	EVEL	(mO		83.12			RIG TYPE FLUSH			Knebel Air/Mist	DA	E LOG	GED)	14/1	0/2019)
_	ENT								INCLINATI			-90		LLED B		G IG		
EN	GINE	ER	P	M Gr	oup T				CORE DIA	METER (m	m)	78	LO	GGED E	BY 	-	O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lc (m ₀ ²⁵⁰	cing og m)	Non-intact Zone	Legend			Descript	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 0								<u>o</u>			NG: No rec			driller				
1 1 - 2											, ,							
								<u> </u>										
Ė	2.90														2.90	80.22		
3								H	occasiona	ıl cobbles.	andy slightl <u>:</u> Sand is fine	. Gravel i	s angular t	n O				
Ė		100	16	16					predomina	antely limes	parse of val stone. Cobb	rious litho les are si	logies ubrounded	of	2 00	70.00		
Ē,	4.00								limestone	·	m strong, m				3.80	79.32		
4		100	68	49	E				thinly lami	nated whe	re fissile mu ed, LIMES	idstone/s	hale), grey	/dark				
5	4.80				E				limestone calci-siltite stylolites,	grading re limestone pyrite prese	gularly (eve with subord ent), partiall	ry approx dinate MU y weathe	0.10-0.50 JDSTONE red where	local intact,				
E E	5.75	100	66	42			4		(5.66-5.75	im).	at fissile mu		nale zones	at				
6	6.45	100	77	77			,		locally rou tight to loc	gh, planar ally open,	edium to cl to locally cu locally clay- cally calcite	ırviplanar smeared,	. Apertures locally slight	s are ghtly				
- - - - 7		100	75	75							ery locally 7		1-25IIIII U	iick).				
Ē	7.75					ļ		 										
- 8	8.00	100	100	40				臣		<u> </u>	1005				8.00	75.12		
									⊨nd (of Borehole	: aા ઇ.UU M							
PE	MAR	Ke													10/07	TED OT	חוערי	DETAILS
Hol			0.00-2	2.90r	n.					Water	Casing	Sealed	Rise	Time	9 (0	mmen		DE I AILS
RE Hol										Strike 3.20	Depth 2.90	At N/S	То	(min) 00	Slow		
															GRO	DUNDV	VATER	DETAILS
INS	TAL Date		ION D		ILS RZ Top	RZ Base	е	Тур	De	Date 14-10-19	Hole Depth 8.00	Casing Depth 2.90			mment er level re		mins afte	er end of
											1							



REPORT NUMBER

CO-ORDINATES 703,240.17 E 730,262.26 N GROUND LEVEL (mOD) 82.47 CLIENT ENGINEER PM Group Fracture Spacing Long (mm) Judy Lo	RC14 Sheet 1 of 1 03/10/2019 03/10/2019
RIG TYPE Knebel Air/Mist INCLINATION (deg) -90 DATE LOGGED 0 00 DATE LOGGED BY RIG TYPE Knebel Air/Mist INCLINATION (deg) -90 DATE LOGGED BY CORE DIAMETER (mm) 78 DRILLID BY LOGGED BY Description SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown sandy gravelly CLAY SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-sititle limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.21-3.27m & 4.41-4.45m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to	03/10/2019 IGSI
CLIENT ENGINEER PM Group CORE DIAMETER (mm) 78 DRILLED BY CORE DIAMETER (mm) 78 LogGED BY	
Symmetrix Drilling: No recovery, observed by driller as returns of brown sandy gravelly CLAY Symmetrix Drilling: No recovery, observed by driller as returns of brown sandy gravelly CLAY Symmetrix Drilling: No recovery, observed by driller as returns of brown sandy gravelly CLAY Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY 2.00 Symmetrix Drilling: No recovery, observed by driller as returns of brown gravelly CLAY 2.00 Symmetrix Drilling: No recovery, observed	O'Shea
SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown sandy gravelly CLAY 1.50 SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx o.10-0.60m) into calci-silite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.21-3.27m & 4.41-4.45m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to	Standpipe Details SPT (N Value)
SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-silitle limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.21-3.27m & 4.41-4.45m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to	0.97
thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.21-3.27m & 4.41-4.45m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to	
distinctly weathered at fissile mudstone/shale zones at (3.21-3.27m & 4.41-4.45m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to	
Discontinuities are medium to closely spaced, smooth to	
locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay/gravel -filled (at	
2.32-2.73m & 3.17-3.21m), locally slightly iron-oxide stained, commonly calcite-veined (1-30mm thick). Dips are 10°-20° & very locally 70°.	
5.45 100 96 0 L	
6 6.15 100 98 82	
6.75	
7 7.35 100 53 37	
100 57 34	
8.60 8.60 8.60 73.4 End of Borehole at 8.60 m	3.87
REMARKS	
REMARKS	R STRIKE DETAILS
Hole cased 0.00-1.50m. Water Casing Sealed Rise Time (min) Comm	nents
1.70 1.50 N/S Slo	ow
GROUN INSTALLATION DETAILS Date Hole Casing Depth to Comments	
INSTALLATION DETAILS Date Depth Depth Depth Depth Water Comments	NDWATER DETAILS



REPORT NUMBER

13	00	7																
СО	NTR	ACT	Р	PK3	Profile Pa	ark							DAI SHI	L,HOL	E NO	RC1	1 5 et 1 of	1
СО	-ORE	OINA	TES		703,26									E DRII	(LED		9/2019	
GR	OUN	D LE	EVEL	(mO	730,25 D)	1.64 N 82.49			RIG TYPE FLUSH			Knebel Air/Mist		E LOG	- X\		9/2019	
	ENT				-				INCLINATION	ON (deg)		-90	DRI	LLED E	BY 🔽) IG	SL	
EN	GINE	ER	Р	M Gı	oup	Т			CORE DIA	METER (mı	n)	78	LO	GED I	BY	- O	O'She	а
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lo (m	cing og m)	Non-intact Zone	Legend			Descripti	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 0								<u>o</u>			NG: No rec							
1 1 - 2	1.55	100	6	0		,			Weathere	d ROCK ho	orizon - recc ognisable si	overed as	angular g	ravel		80.94 80.39		
3	2.253.10	100	47	12			(a) / (a)		Very stron thinly lami grey/black limestone	g to mediu nated wher a, fine-grain grading reg	m strong, m re fissile mu ed, LIMEST gularly (eve with subord	dstone/sl ONE (argry approx	hale), grey gillaceous : 0.10-0.80	/dark m) into				
4	3.95	100	51	20			<u> </u>		distinctly v (4.08-4.11 9.56-9.58r	veathered a m, 6.03-6.7 n).	ent), partially at fissile mu 12m, 7.96-7 res through	dstone/sł .99m, 8.3	nale zones	at				
5	5.35	100	91	68	E				locally rou tight to loc locally slig	gh, planar ally open, l htly iron-ox	edium to clo to locally cu ocally clay- tide stained are 10°-20	rviplanar filled (at 3 , locally c	. Apertures 3.34-3.5m) alcite-vein	are				
6	6.85	100	92	68	F	- -	<i>k i</i>											
- 7	8.30	100	86	53	E													
9	9.55	100	98	75					End (of Borehole	e at 9.55 m				9.55	72.94		
RF	MAR	KS													WΔ٦	ER ST	RIKF	DETAILS
Hol			0.00-	1.551	m.					Water	Casing	Sealed	Rise	Tim	ie Co	mmen		I AILO
REI Hol										Strike	Depth	At	То	(mir	N	o wate	r strike	e recorded
12.00	.		101, -							D.:	Hole	Casing	Depth	to _			VATER	DETAILS
INS	Date		Tip D		ILS RZ Top	RZ Base		Тур	De	30-09-19	9.55	Depth 1.55		r Wa	omments ater level re lling.		mins afte	er end of



REPORT NUMBER

CO-ORDINATES 703,288.76 E 730,243.02 N PIG TYPE Kookel	LHOLE ET E DRILL	NO	RC	-	
730,243.02 N PIG TYPE Knobel	F DRII/L		She	et 1 of	1
GROUND LEVEL (mOD) 81.92 FLUSH Air/Mist DATE	E LOGG	< >		9/2019	
1 (9)	LED BY		U –	SSI O'She	а
Core Run Depth (m) T.C.R.% S.C.R.% S.C.R.% Non-intact Zone Legend Description		Depth (m)	Elevation	Standpipe Details	SPT (N Value)
SYMMETRIX DRILLING: No recovery, observed by do as returns of light brown gravelly CLAY with cobbles	driller	1.50	80.42		
Weathered ROCK horizon - recovered as angular gra of limestone with recognisable structure with layers of gravelly clay	avel of		1		
Very strong to medium strong, medium to thinly bedd thinly laminated where fissile mudstone/shale), grey/black, fine-grained, LIMESTONE (argillaceous	dark	2.80	79.12		
limestone grading regularly (every approx 0.10-0.80m calci-siltite limestone with subordinate MUDSTONE, stylolites, pyrite present), partially weathered where in distinctly weathered at fissile mudstone/shale zones a (3.04-3.08m, 4.96-4.99m & 5.21-5.23m). Many incipient fractures throughout.	local ntact,				
Discontinuities are medium to closely spaced, smooth locally rough, planar to locally curviplanar. Apertures tight to locally open, locally clay-smeared, locally slight to locally calcite-veined (1-15mm this Dips are 10°-20° & very locally 70°.	are htly				
7.05					
7.85					
100 98 75					
9.40 End of Borehole at 9.40 m		9.40	72.52		
REMARKS		WA.	TER S	TRIKE I	DETAILS
REMARKS Hole cased 0.00-1.50m. Water Casing Sealed Rise Strike Depth At To 3.40 1.50 N/S	Time (min)	Co	Slow	ts	
		GR	OUND	VATER	DETAILS
INSTALLATION DETAILS Date Hole Depth Depth Depth Depth Depth Depth Water Depth Water Date Tip Depth RZ Top RZ Base Type 27-09-19 9.40 1.50 4.85	Con			i mins afte	er end of



REPORT NUMBER

IGST														_		· ·
CONTRACT	Γ PF	PK3	Profile Pa	ark							DAI SHE	LHOLE	NO	RC'	17 et 1 of	1
CO-ORDINA GROUND L		[MOI	703,178 730,257 D)				RIG TYPE FLUSH			Knebel Air/Mist	DAT	E DRILL E LOGG	< \	14/1	0/2019 0/2019	1
CLIENT ENGINEER	PΝ	И Gr	oup				INCLINATI		n)	-90 78	I	LED BY) IG	SI O'She	a
Downhole Depth (m) Core Run Depth (m) T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mr ₀ ²⁵⁰	cing og m)	Non-intact Zone	Legend			Descrip				Depth (m)	Elevation	Standpipe Details	SPT (N Value)
1 1.80							as returns	RIX DRILLI	ravelly CL	AY with col	obles		1.80	80.82		
2 2.25 100		28			.0)		thinly lami grey/black limestone calci-siltite stylolites,	ng to mediu inated when k, fine-grain grading re e limestone pyrite prese	e fissile mu ed, LIMES gularly (eve with subor ent), partial	udstone/sh TONE (arg ery approx dinate MUI y weathere	ale), grey/ illaceous 0.10-0.60 DSTONE, ed where i	dark m) into local ntact,				
3 3.20 100	0 13	13					distinctly v (2.84-3.20	weathered a 0m, 5.17-5.2 pient fractu	at fissile mu 20m, 5.43-	idstone/sh 5.47m & 7.	ale zones	at				
100	0 66	63		52	20		locally rou tight to loc locally slig	uities are m Igh, planar cally open, l phtly iron-ox thick). Dips	to locally co ocally clay- tide stained	ırviplanar. filled (at 4. I, locally ca	Apertures 42-4.45m licite-veine	are),				
5.30	0 68	62		2	4											
7 100	67	35	r													
8 8.40	86	44	Ė				End	of Borehole	at 8 40 m				8.40	74.22		
9							End	or Boronoic	, at 6.40 m							
REMARKS													WAT	TER ST	RIKE I	DETAILS
REMARKS Hole cased INSTALLAT Date 15-10-19	0.00-1	.80n	n.					Water Strike 2.50	Casing Depth 1.80	Sealed At N/S	Rise To	Time (min)	Со	mmen Slow	ts	
													GRO	DUNDV	VATER	DETAILS
Date 15-10-19		epth		RZ Base 8.00		Tyr 50mm		Date 15-10-19	Hole Depth 8.40	Casing Depth	Depth t Water 2.10	Con			mins afte	er end of



REPORT NUMBER

1		2																
CO	NTR	ACT	Р	PK3	Profile Pa	ark							DRI SHE	A HOLE	NO	RC'	18 et 1 of	1
СО	-ORE	DINA	TES		703,22 730,24									E DRILL	. ED		0/2019	
GR	OUN	D LE	EVEL	(mO	-	82.24			RIG TYPE FLUSH			Knebel Air/Mist	DAT	E LOG	ED.	04/1	0/2019)
	IENT								INCLINATI	` 0,		-90		LLED B		<u> </u>	SL	
	GINE	ER	P	M Gr	oup				CORE DIA	METER (mi	m)	78	LOC	GED B	Υ	8	O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lc (m	cing og m)	Non-intact Zone	Legend			Descript	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								<u>o</u>			NG: No rec			driller				
1	1.10								do rotamo	or brown g	navony OL	tr with oc	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1.10	81.14		
Ē'		100	0	0							ROCK horiz		vered as a	ngular				
Ē	1.60				1			Ħ			J	,						
2	2.30	100	23	16				Ħ	\/on/otron	a to modiu	m atrona m	adium to	thinly had	dad (ta	2.15	80.09		
Ė	2.65	thinly laminated where fissile mudstone/shale), grey/diazende where fissile mudstone/shale where fissile mudstone/shale where fissile mudstone/shale where fissile where fiss																
Ē	2.90	100	32	0	Γ				limestone	grading re	gularly (eve	ry approx	0.10-0.60	m) into				
- 3	3.40	limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.75-4.09m, 5.18-5.23m, 6.20-6.22m, 6.48-6.59m & 7.41-7.44m).																
<u>.</u>	3.85	100	53	24														
4	5.00	100	74	44			ά·		Discontinu locally rou tight to loc	uities are m igh, planar cally open, l	res through edium to cl to locally cu locally clay/ 0m & 3.06-	osely spa ırviplanar gravel -fil	. Apertures led (at	are				
5		100	67	22			,		iron-oxide	stained, co	om & 3.06- ommonly ca 20° & very lo	ılcite-vein	ed (1-50m)					
6	5.55 6.95	100	79	37			A := X					,						
7		100	69	27			(·)	H	-									
Ė	7.40 7.65	100		0			. · · λ.											
Ė		100	75	51				H										
8	8.20								End (of Borehole	e at 8.20 m				8.20	74.04		
GOL.GE																		
RE	MAR		0.00.1	2.65	· 		•	•		Water	Casina	Spaled	Pico	Timo				DETAILS
PE HOUSE TO LIVE TO THE TOTAL	ie cas	sed	0.00-2	2.65r	п.					Strike 2.00	Casing Depth 2.00	Sealed At N/S	Rise To	Time (min)		Slow	ts	
											Holo	Cacina	1 Donth	to			VATER	DETAILS
INS	Date		Tip D		ILS RZ Top	RZ Bas	е	Тур	oe .	Date 03-10-19	Hole Depth 8.20	Casing Depth 2.65		, 001	mments er level re ng.		mins afte	er end of
-∟										1								



REPORT NUMBER

	_	/																
	NTR			PK3	Profile Pa	ark							DRI —— SHE	HOLE	NO	RC′ Shee	19 et 1 of	1
GR	OUN OUN ENT		TES	(mO	703,253 730,23 D)				RIG TYPE FLUSH INCLINATION	ON (dea)		Knebel Air/Mist -90	DAT	E DRILL E LOGG	ED.	07/1	1/2019 0/2019	
	SINE	ER	Р	M Gr	oup				CORE DIA	` •	n)	78		GED B		U /	O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mi	cing og m)	Non-intact Zone	Legend			Descript	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 0									as returns	RIX DRILLI of brown C	CLAY	-			0.70	81.45		
1 - 1 - 2 - 2										RIX DRILLI of light bro								
	2.50				1					veathered F			ered as a	ngular		79.65		
3	3.45	79	63	33					Very stron thinly lami grey/black limestone	imestone was to medium nated where standard in grading regarding r	m strong, n e fissile mu ed, LIMES gularly (eve	nedium to udstone/sh TONE (arg	nale), grey gillaceous 0.10-0.80	/dark m) into	2.85	79.30		
4	4.55	100	82	30	E		,		stylolites, distinctly v (3.78-3.84 7.57-7.61r	e limestone pyrite prese veathered a lm, 5.34-5.3 m). pient fracture	ent), partial at fissile mu 38m, 6.69-6	y weather idstone/sh 3.71m, 7.4	ed where ale zones	intact, at				
5	5.75	100	84	67			/		Discontinu locally rou tight to loc	uities are m gh, planar cally open, l stained, lo	edium to cl to locally cu ocally clay-	osely spa urviplanar. smeared,	Apertures locally stre	are ongly				
7	6.05	100	90	59	Ĺ		,		Dips are 1	0°-20° & ve	ery locally 7	70°.		,				
	7.60						,											
8	8.00	100	100	52					End	of Borehole	e at 8.00 m				8.00	74.15		
REI	WAR		<u> </u>	L	ı			L								TER ST	RIKE	DETAILS
REI	e cas	sed (0.00-2	2.50r	n.					Water Strike 2.40	Casing Depth 2.40	Sealed At N/S	Rise To	Time (min)		mmen Slow		
12:0	TA		ON 5							Det	Hole	Casing	Depth	to			VATER	DETAILS
	Date		ON D		RZ Top	RZ Base	!	Тур	oe	07-10-19	Depth 8.00	Depth 2.50	2.40	, 001		S corded 5	mins afte	er end of



REPORT NUMBER

10	00	7																
СО	NTR	ACT	Р	PK3	Profile Page	ark							` ` `	HT.	LE NO	RC:	20 et 1 of	1
	-ORI		TES	(mO	703,27 730,22 D)				RIG TYPE FLUSH			Knebel Air/Mist		E DRII	- X \	08/1	0/2019 0/2019)
	IENT GINE		Þ	M Gr	roun				INCLINATION CORE DIA		m)	-90 78	I	LLED I		U	SI O'She	3
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lo (m	cing og m)	Non-intact Zone	Legend	CORE DIA	WE LEV (III	Descrip			SOLD	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 0	1.00	0	0	0					as returns	of CLAY w	ING: No re- vith cobbles	5			1.00	80.83		
2		0	0	0					SYMMETI as returns	RIX DRILLI	ING: No rei	covery, ob: AY with co	served by bbles	driller			0 0 0	
3	4.35	100	43	9			/ · · · / / · · · / / · · · · / / · · · · · · / / ·		thinly lami grey/black limestone calci-siltite stylolites, distinctly v	nated when a, fine-grain grading re- e limestone pyrite presove weathered	m strong, r re fissile m led, LIMES gularly (eve with subor ent), partial at fissile m	udstone/sh TONE (argery approxed dinate MU ly weather udstone/sh	nale), grey, gillaceous 0.10-0.60 DSTONE, red where nale zones	/dark m) into local intact, at)	78.83	0 0 0	
5	5.25	100	92	92					6.75-6.84i Many incip Discontinu	m). pient fractu uities are m	41m, 3.68- res through nedium to c	nout. losely spa	ced, smoo	th to				
6	6.75	100	91	83			4		tight to loc	cally open, stained, lo	to locally c locally clay cally calcit ery locally	-smeared, e-veined (*	locally slig	ghtly				
7	8.15	100	85	67	F	1			End (of Borehole	e at 8.15 m				8.15	73.68		
GSL RC FI 10M 22000 FINAL SURVEY GPJ GSL.GDT 7/11/19 GSL.GDT										I								
RE Ho	MAR le ca		0.00-3	3.00r	m.					Water	Casing	Sealed	Rise	Tim	ne Co	rER Si mmen		DETAILS
00 FINAL SURVE										Strike 1.80	Depth 1.80	At N/S	То	(mir	n) CO	Slow		
1 220(· · · · ·	10-			GRO	OUND	VATER	DETAILS
GSL RC FI 10M	Date 1-10-1		Tip Do 8.1	epth	RZ Top 1.00	RZ Bas 8.15	е	Typ 50mm		Date 09-10-19	Hole Depth 8.15	Casing Depth 3.00	Depth Water	Wa	omments ater level re Iling.		mins afte	er end of



REPORT NUMBER

1	00	2																
СО	NTR	ACT	Р	PK3	Profile Pa	ark							Dfil SHE	LHOLE ET	NO	RC:	21 et 1 of	1
co	-ORE	DINA	TES		703,09 730,40									E DRILL	ÆD.		0/2019	
GR	OUN	D LE	VEL	(mO	-	80.87			RIG TYPE FLUSH			Knebel Air/Mist	DAT	E LOG	ED.	16/1	0/2019	1
	ENT								INCLINATI	` 0,		-90		LLED B		U	SI	
	GINE	ER	P	M Gr	oup T				CORE DIA	METER (m	m)	78	LOC	GED B	<u>Y</u>	- 43	O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lc (m	cing og m)	Non-intact Zone	Legend			Descript	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 0						·					NG: No rec GROUND c				0.40	80.47		
Ė								<u> </u>	\804 Mater	ial)		•	,	/	0.10	00.11		
1											NG: No rec gravelly CLA			driller				
Ē'	1.40														1.40	79.47		
Ė								H			ROCK horiz ith gravelly		vered as a	ngular				
- 2		55	0	0				Ħ										
E	2.50							Ħ							2.50	78.37		
		100	68	59				片	thinly lami	nated whe	m strong, m re fissile mu	idstone/sl	hale), grey					
3	3.25						/ /:\/		limestone	grading re	ed, LIMEST gularly (eve	ry approx	0.10-0.60					
							,				with subordent), partiall							
Ē		100	65	52	F				distinctly v	veathered a	at fissile mu 69m, 5.03-5	dstone/sh	nale zones	at			0 0	
4	4.45							片	6.79-6.81	m & 6.86-6		·						
Ē	4.43				F		/ i x /	井			Ū			41- 4-				
5		100	5	0			<i>x</i>		locally rou	gh, planar	edium to clo to locally cu	ırviplanar	. Apertures	are				
-	5.45						(H	3.39-3.41	m), locally s	locally clay- slightly iron-	oxide sta	ined, locall	У				
-		100	84	45					calcite-vei locally 70°		m thick). Dip	os are 10°	'-20° & ver	У				
6	6.25	100	04	10														
	6.45	100	35	0			Λ a λ/											
Ė							,	片										
7		100	78	67														
Ē	7.65					P												
- 8	8.00	100	60	60					End	of Borehole	at 9 00 m				8.00	72.87		
Ė									End	or poreline	; at 0.00 III							
Ē																		
9																		
Ė																		
Ė																		
RE	MAR		0.00	2.50						Mater	Casina	Spaled	Pico	Timo		TER ST	RIKE I	DETAILS
HO	e ca	sed	0.00-2	∠.5Ur	11.					Water Strike	Casing Depth	Sealed At	Rise To	Time (min)		mmen	ts	
										3.00	2.50	N/S				Slow		
												10:			GRO	DUNDV	VATER	DETAILS
INS	_		ON D			T				Date	Hole Depth	Casing Depth		to Cor	nment	S		
	Date -10-1		Tip D 8.0		RZ Top 1.00	RZ Bas 8.00	е	Typ 50mm		16-10-19	8.00	2.50	3.25	Wate drillin		corded 5	mins afte	er end of
<u> </u>									-									



REPORT NUMBER

		/											1.	-6)	101 5				
	NTR			PK3	Profile Pa	ark								DAILL.F SHEET		NO	RC2 Shee	22 et 1 of 1	1
	OUN		TES	(mO	703,09 730,37 D)				RIG TYPE FLUSH			Knebel Air/Mist		DATE L	/	()		0/2019 0/2019	
	IENT GINE		Р	M Gr	oup				INCLINATION CORE DIA	` •	m)	-90 78		DRILLE Logge) () ()	SI O'Shea	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lc (m	cing og m)	Non-intact Zone	Legend		`	Descrip		-			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 1	1.20	100	0	0				9	as returns 804 Mater SYMMETI as returns	RIX DRILLI of MADE (rial) RIX DRILLI of brown g weathered I	GROUND (ING: No regravelly CL	consisting covery, ob AY with co	of grav served obbles	by drill	ler		80.87		
	1.60	100		0	-					imestone w				J.					
2	2.00 2.30	100	1	0				H								2.10	79.17		
-	2.00	100	70	57					Very stron thinly lami	ng to mediu inated whe	m strong, r re fissile m	nedium to udstone/s	thinly bhale), g	oedded rey/dai	l (to rk				
3	2.80	100		58			<i>/</i>		limestone calci-siltite stylolites, distinctly v (3.40-3.47	x, fine-grain grading re- e limestone pyrite preso weathered a 7m & 6.85-6 pient fractu	gularly (event) with suborent), partial at fissile mo 5.96m).	ery approxidinate MU ly weathe udstone/sl	0.10-0 JDSTO red whe	.60m) i NE, loc ere inta	cal				
- 4	5.20	100	73	60			/		Discontinu locally rou tight to loc locally slig	uities are m igh, planar cally open, phtly iron-oo thick). Dips	nedium to co to locally colocally clay kide stained	losely spa urviplanar -filled (at 3 d, locally c	. Aperto 3.75-3.7 alcite-v	ures ar 78m), reined					
- 6	6.55	100	93	78															
7	8.10	100	82	73			h:		End (of Borehole	e at 8.10 m					8.10	73.17		
9																			
RE	MAR		0.00.1	2.00	~			-		Water	Casina	Spalad	Rise	- ا د	Timo				DETAILS
RE Ho	ie ca	sed (0.00-2	∠.UUr	11.					Strike 3.15	Casing Depth 2.00	Sealed At N/S	To		Time (min)	Со	Slow	ts	
											ا ا	Cooin	, D.	ath 4-	1			VATER	DETAILS
INS	Date Date		ON D		ILS RZ Top	RZ Base	9	Тур	oe	Date 16-10-19	Hole Depth 8.10	Casing Depth 2.00	W	oth to ater 3.35			S corded 5	mins afte	er end of
										1									



REPORT NUMBER

CONT				PK3	Profile Park							DRILLHO SHEET	OLE NO	RC: She	23 et 1 of	1
ROU LIEN	JND NT	LEV	/EL ((mOE M Gro	-			RIG TYPE FLUSH INCLINATIO CORE DIAM		m)	Knebel Air/Mist -90 78	DATE DE DATE LO DRILLEI LOGGEI	D BY	18/1	0/2019 0/2019 SSI O'She)
Core Run Depth (m)	Core Kuri Depur (m.)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm)	Non-intact Zone	Legend		·	Descript		·	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
								as returns 804 Materi SYMMETR as returns SYMMETR	of MADE al) RIX DRILL of brown (RIX DRILL	GROUND o ING: No rec CLAY ING: No rec	consisting of	erved by drille gravel (Clau erved by drille	se 0.39	5 82.15 5 81.65		
2.6		73	0	0	- Possible red as angul	ar	81.00									
3.1	10 _		44 75	65		Δ ⊲ λ.		thinly lamin grey/black, limestone of calci-siltite	nated whe fine-grair grading re limestone	re fissile mu led, LIMES gularly (eve with subor	udstone/sha FONE (argil ry approx 0 dinate MUD	.10-0.60m) in STONE, loca	to to	0 79.70		
4.8		100	43	29		<u> </u>		distinctly w (3.62-3.78r Many incip	reathered m & 4.71-4 ient fractu	at fissile mu 4.91m). res through	idstone/sha	d where intactle zones at ed, smooth to				
5.5	50 _		78 34	69 19	E			locally roug tight to loca	gh, planar ally open, stained, lo	to locally cu locally clay- cally calcite	urviplanar. A smeared, Ic -veined (1-	Apertures are ocally slightly 10mm thick).				
7.2	1	100	61	39		<u> </u>										
8.0		100	79	79				End o	f Borehole	e at 8.00 m			8.00	0_74.50		
EMA														ATER S	TRIKE	DETAILS
ole o	case	ed 0.	00-1	.50m	 n.				Water Strike 2.80	Casing Depth 1.50	Sealed At N/S		nin)	Slow		DETA
NSTA Da					LS RZ Top RZ Bas	e	Тур	pe	Date 18-10-19	Hole Depth 8.00	Casing Depth	4.10	GF Commer Water level drilling.	nts		er end of



REPORT NUMBER

COORDINATES T03,169.37 E T03,035.5.9 N T03,035.5. N T0		7																				
GROUND LEVEL (mOD) 81.75 RIG TYPE FLUSH FLUSH RICHARTION (deg) 9-90 DATE LOGGED 17/10/2019 PRILED BY LOGGED BY 17/10/2019 PRILED BY LOGGED BY 17/10/2019 PRILED BY LOGGED BY LOGGED BY LOGGED BY LOGGED BY 17/10/2019 PRILED BY LOGGED BY	ONTR	RACT	· P	PK3	Profile Pa	ark							` `		NO			1				
ENGINEER PM Group CORE DIAMETER (mm) 78 LOGGED BY O Shea O				(mO	730,35	5.53 N									X							
SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause SyMMETRIX DRILLING: No recovery, observed by driller as returns of the both of			Р	M G	roup					` •	m)					U -		a				
as returns of MADE GROUND consisting of gravel (Clause 804 Material) & cobbles SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown CLAY SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown Sity CLAY with cobbles - Possible highly weathered rock 2.40 Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark greyblack, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calcis-sittle ilmestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.91-4.10m, 5.63-5.80m, 5.98-6.06m, 6.37-6.43m, 6.36-6.78m, 3.84-6.89m & 7.59-7.70m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally rough, planar to locally clacilly slightly inno-oxide stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°. T.15 T.15 T.15 T.15 T.15 T.16 T.16 T.17 T.17 T.17 T.17 T.18 End of Borehole at 8.00 m	Downhole Depth (m) Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Space Lo	cing og m)	Non-intact Zone	Legend			Descript	iion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)				
2.40 79.35 Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/clark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calic-sititle limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.91-4.10m, 5.63-5.80m, 5.98-6.06m, 6.37-6.43m, 6.63-6.78m, 3.84-6.89m & 7.59-7.70m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally clay-filled (at 3.30-3.33m, 3.54-3.64m, & 5.06-5.07m), locally clay-filled (at 3.30-3.33m, 3.54-3.64m, & 5.06-5.07m), locally slightly iron-oxide stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°. End of Borehole at 8.00 m	1								as returns 804 Mater SYMMET as returns SYMMET as returns	of MADE (rial) & cobb RIX DRILLI of brown (RIX DRILLI of brown s	GROUND of les NG: No rec CLAY NG: No rec silty CLAY w	covery, obs	of gravel (served by	Clause driller driller								
Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-sitite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.91-4.10m, 5.63-5.80m, 5.98-6.06m, 6.37-6.43m, 6.63-6.78m, 3.84-6.89m & 7.59-7.70m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 3.30-3.33m, 3.54-3.64m, & 5.06-5.07m), locally slightly iron-oxide stained, locally calciter-verined (1-15mm thick). Dips are 10°-20° & very locally 70°. End of Borehole at 8.00 m)			_								vered as a	ngular								
stylcliftes, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.91-4.10m, 5.63-5.80m, 5.98-6.06m, 6.37-6.43m, 6.63-6.78m, 3.84-6.89m & 7.59-7.70m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 3.30-3.33m, 3.54-3.64m, & 5.06-5.07m), locally slightly iron-oxide stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°. The second of t			39	29			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at														
6.63-6.78m, 3.84-6.89m & 7.59-7.70m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally poen, locally clay-filled (at 3.30-3.33m, 3.54-3.64m, & 5.06-5.07m), locally slightly iron-oxide stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°. Total 100 43 37 End of Borehole at 8.00 m	4	100	30	0			(\ \ \ \ \		calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.91-4.10m, 5.63-5.80m, 5.98-6.06m, 6.37-6.43m, 6.63-6.78m, 3.84-6.89m & 7.59-7.70m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 3.30-3.33m, 3.54-3.64m, & 5.06-5.07m), locally slightly iron-oxide													
stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°. 7.15 7.65 8.00 100 48 48 8.00 73.75 End of Borehole at 8.00 m			60	57	E		/															
7.65			43	37			() 9 A/ () 9 A/ () 9 A/		stained, lo	cally calcit	e-veined (1	-15mm thi	ck). Dips a	are								
8 8.00 100 86 86 86 8.00 73.75 End of Borehole at 8.00 m		100	48	48	F																	
	8.00	100	86	86			/ /		End	of Borobolo	at 9 00 m				8.00	73.75						
REMARKS Hole cased 0.00-2.40m. Water Strike Depth At To Comments Strike Depth At To Slow Slow									Liid	5. 2 51511016	. a. 0.00 III											
Strike Depth At To (min) Comments 3.00 2.40 N/S Slow	EMAR		0.00	0.40					1	Matar	Cacina	Spalad	Pico	Time		TER ST	RIKE	DETAILS				
	iole ca	ased	U.00-	2.40	m.					Strike	Depth	At					ts					
GROUNDWATER DETAILS Detail Hole Casing Depth to Comments											Hole	Casing	Donth	to			VATER	DETAILS				
INSTALLATION DETAILS Date Hole Depth Depth Depth Depth Depth Depth Depth Depth Depth Water Comments Date Tip Depth RZ Top RZ Base Type 17-10-19 8.00 2.40 3.85 Water level recorded 5 mins after end of drilling.						RZ Base	9	Тур	oe		Depth	Depth	Wate	Wate	r level re		mins afte	er end of				



REPORT NUMBER

CC	NTR	ACT	Р	PK3	Profile Page	ark							DAN SHE	LHOLE	NO	RC2	25 et 1 of	1			
	-ORE				703,41 730,29	3.06 N			RIG TYPE			Knebel	DAT	E DRILLE E LOGG	\sim	15/1	0/2019 0/2019)			
CL	IENT GINE	•	VEL P	(mO l		78.53			FLUSH INCLINATION CORE DIAI		m)	Air/Mist -90 78	DRIL	LED BY	<u> </u>	Pe	eterser O'She	1			
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lc (m	cing og m)	Non-intact Zone	Legend			Descript	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)			
1									as returns	of brown (NG: No rec gravelly CLA	AY with co	bbles		1.30	77.23					
2	2.40				-		<u></u> ⟨ • ⟨		as returns SYMMETF as returns Very stron	of weak R RIX DRILL of ROCK g to mediu	OCK NG: No rec	Iriller		76.63 76.13							
3		100	46	37					Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-silitle limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.73-3.78m, 4.13-4.15m, 4.21-4.23m, 6.41-6.45m & 6.70-6.77m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to												
5	5.30	100	83	58					locally rou tight to loc iron-oxide	gh, planar ally open, stained, lo	to locally colocally clocally clay- cally calcite ery locally 7	ırvipİanar. smeared, -veined (*	Apertures locally slig	are htly							
7	7.90				F				End o	of Borehole	e at 7.90 m				7.90	70.63					
9	MAD	Ke													18/87	TED OT	יסוער י	DETAIL C			
_	MAR le cas		0.00-2	2.40r	n.					Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Со	mmen	ts	e recorded			
											l lele	Casia			GRO	DUNDV	VATER	DETAILS			
INS	Date		ON D		ILS RZ Top	RZ Base	9	Тур	oe	Date	Hole Depth	Casing Depth	Depth to Water	Com	ment	s					



REPORT NUMBER

CC	ONTR	ACT	Р	PK3	Profile Pa	ark							DAN SHE	LHOLE	NO	RC2	26 et 1 of	1				
CC)-ORI	DINA	TES		703,38 730,25				RIG TYPE			Knebel	DAT	E DRILL	(16/1	0/2019)				
	ROUN		EVEL	(mO	D)	79.27			FLUSH	ON (I= -)		Air/Mist		E LOGG	<u> </u>		0/2019					
	JENT IGINE		Р	M Gı	oup				CORE DIA		m)	-90 78		LED BY		U /	eterser O'She					
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lo (m ₀ ²⁵⁰	cing og m)	Non-intact Zone	Legend			Descrip				Depth (m)	Elevation	Standpipe Details	SPT (N Value)				
1		_						driller Clause driller driller	1.10	78.97 78.17 77.37												
3	5.10	100	82	74					SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.65-3.69m, 3.85-3.89m, 5.35-5.37m, 5.45-5.46m, 5.56-5.58m & 6.64-6.68m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-5mm thick).													
6	7.70		76	39			k ·		Dips are 1	0°-20° & v	к).	7.70	71.57									
9				End of Borehole at 7.70 m																		
RE	MAR		0.00	2 20-	m					Water	Casing	Sealed	Rise	Time				DETAILS				
RE Hc	ole ca	sed	U.UU-2	∠.301	11.					Strike	Depth Depth	At At	To	(min)	N		er strike	recorded				
INI	STAL	^=	ION D	ET ^	II S					Data	Hole	Casing		0 000	GRO		VATER	DETAILS				
IIN	Date				RZ Top	RZ Base)	Тур)e	Date	Depth	Depth	Water	Con	ment	.						



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10		2																	
CC)NTR	ACT	Р	PK3	Profile Pa	ark								FH) J. F HEET		NO	RC2	27 et 1 of	1
CC)-ORI	DINA	TES	_	703,36 730,20		_		DIG TO				-	ATE D	$\stackrel{\frown}{\smile}$	ED .		0/2019	
GF	ROUN	ID LI	EVEL	(mO		79.75			RIG TYPE FLUSH			Knebel Air/Mist	D	ATE L	.oggi	ED)	16/1	0/2019)
	IENT		_						INCLINATI	` 0,	\	-90 -70		RILLE			0	eterser	
	GINE	EK	Р	M Gr	oup				CORE DIA	WEIER (M	m)	78	L	OGGE	:D BY	•	1	O'She	a
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spa Lc (m	cing og m)	Non-intact Zone	Legend			Descript	ion				Depth (m)	Elevation	Standpipe Details	SPT (N Value)
- 0										of MADE	ING: No red GROUND o				use	0.60	79.15		
Ē									SYMMETI as returns	RIX DRILL	ING: No rec	overy, ob	served b	y drill	er				
F1								<u> </u>			ING: No rec		served b	ov drill		1.20	78.55		
Ē									as returns	of brown s	silty gravelly hered rock								
	2.20							<u> </u>	SYMMETI	RIX DRILL	ING: No rec	overy, ob	served b	y drill	or		77.85 77.55		
Ė	2.20							甘	as returns Very stron		m strong, n	nedium to	thinly be	edded		0			
3					F				thinly lami grey/black	nated whe	re fissile mu ned, LIMES gularly (eve	ıdstone/s ΓΟΝΕ (ar	hale), gr gillaceou	ey/dar ıs	·k				
F 3							(o)(calci-siltite	limestone	with subore ent), partiall	dinate MI	JDSTON	E, loc	al				
Ē		98	70	43					distinctly v	veathered	at fissile mu 67m, 5.37-5	idstone/s	hale zon	es at	Οι,				
-4					L						res through			,.					
Ė					F		,				nedium to cl to locally cu								
Ė	F 40						,	臣	tight to loc	ally open,	locally clay- cally calcite	smeared	, locally s	slightly					
5	5.10										ery locally 7		1-01111111	illok).					
Ē							ر د ه ک												
F 6								H											
Ē		100	85	39				Ħ											
Ē							Λ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \												
7								片											
Ė								H											
- 8	7.90					_			End (of Borehole	e at 7.90 m					7.90	71.85		
ʰ																			
_ [
9 1/1/19																			
7 105																			
IGSL.(
RE	MAR		0.00-2	2 20-						Water	Casing	Sealed	Rise	-	Time				DETAILS
JRVEY	no od	Ju u	J.00-	<u>∠</u> ∪I	11.					Strike	Depth	At	To		min)	Co	mmen	ts	
CSL RC H 10M 22000 FINAL SURVEY:GF0 GSL:GD7 7/11/19																N	o wate	r strike	erecorded
000 FI																			
Ž	T4:		1011 5							Dete	Hole	Casin	g Dent	h to	C			VATER	DETAILS
E IN	Date		D NOI Tip D		RZ Top	RZ Base	9	Typ	oe .	Date	Depth	Depth		ter	Com	ment	8		
SSL R																			
اك																			



REPORT NUMBER

CC	NTR	ACT	Р	PK3	Profile Pa	ark							DAI SHE	A,HOLE	NO	RC2	28 et 1 of	1			
CC	-ORI	DINA	TES		703,34 730,16				RIG TYPE			Knebel	DAT	E DRILL	()	16/1	0/2019)			
	IENT		VEL	(mO	D)	80.13			FLUSH INCLINATION	ON (dea)		Air/Mist		E LOGG	<u> </u>	2	0/2019 eterser				
	GINE		Р	M Gr	oup				CORE DIA		n)	78		GED BY		0	O'She				
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mi	cing og m)	Non-intact Zone	Legend			Descript				Depth (m)	Elevation	Standpipe Details	SPT (N Value)			
0		-							as returns \804 Mater	of MADE (NG: No red GROUND o	onsisting	of gravel (Clause /	0.40	79.73					
1									SYMMETF as returns	RIX DRILLI of brown s	NG: No red ilty gravelly	covery, obs	served by	driller	1.30	78.83					
									SYMMETE as returns Possible h	of brown s	driller -		78.23								
2	2.40								SYMMETI as returns	RIX DRILLI of ROCK		77.73									
3		100	72	31			/ /		Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-1.20m) into calci-silitie limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (2.54-2.62m, 3.27-3.30m, 3.34-3.47m, 4.43-4.51m, 4.59-4.61m, 4.63-4.68m, 5.11-5.13m, 7.10-7.17m & 7.53-7.56m). Many incipient fractures throughout.												
- 5 6 7	5.20	100	91	73			<u> </u>		tight to loc iron-oxide	ally open, stained, co	to locally co ocally clay- ommonly ca 0° & very lo	smeared,	locally slig ed (1-15m	htly							
- - - - -	8.00														8.00	72.13					
RE Ho									End of Borehole at 8.00 m												
RE	MAR		1 00 1	2.40						Water	Casing	Sealed	Rise	Time				DETAILS			
HO	ie ca:	sed (0.00-2	∠.40r	П.					Strike	Depth Depth	At At	To	(min)	N		r strike	e recorded			
IN	STAI	ΙΔΤΙ	ON D	FΤΔ	II S					Date	Hole	Casing		0 Com	GRO		VAIER	DETAILS			
	Date				RZ Top	RZ Base)	Тур	oe	. Date	Depth	Depth	Wate	3011		-					



REPORT NUMBER

U	ತತ	5/													_	.200	J
:01	NTR/	ACT	Р	PK3	Profile Park							`C	HOLE	NO	RC		
		INAT		(mOl	703,451.02 E 730,167.48 N D) 80.68	3		RIG TYPE FLUSH			Knebel Air/Mist		E DRILL E LOGG	(17/1	et 1 of 0/2019 0/2019	ı
	ENT	ΞR	Р	M Gr	oup			INCLINATION CORE DIAI		m)	-90 78		LED BY			eterser O'She	
DOWILLOIG DEPTH (III)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm)	- o Non-intact Zone	Legend			Descript	ion			Depth (m)	Elevation	Standpipe Details	SPT (N Value)
3	5.00	100	83	71		520		as returns SYMMETI as returns SYMMETI as returns SYMMETI as returns Very stron thinly lami grey/black limestone calci-siltite stylolites, distinctly v (3.67-3.80 Many incip Discontinu locally rou tight to loc iron-oxide	RIX DRILL of weak R RIX DRILL of weak R RIX DRILL of ROCK of ROCK of to mediu mated whe c, fine-graing re e limestone pyrite pres weathered om & 6.07- poient fractu mitties are m of phylanar atally open, stained, of	ING: No rec silty gravelly ING: No rec OCK ING: No rec om strong, no re fissile mu ned, LIMEST gularly (eve with suboro with suboro ent), partiall at fissile mu	overy, obs CLAY overy, obs overy, obs nedium to idstone/sh fONE (arg ry approx dinate MU y weather dstone/sh out. out. osely spac smeared, lcite-veine	served by content of the served by content of	driller driller driller led (to dark n) into local htact, at h to are htly	1.80	79.28 78.88 78.48		
3	7.90							End (of Borehole	e at 7.90 m				7.90	72.78	0 0	
	IARI								10/-4	Costan	Cocled	Diag. 1	T:	WA	TER S	RIKE	DETAILS
Ole	e cas	sea 0).UU-2	2.20r	n.				Water Strike	Casing Depth	Sealed At	Rise To	Time (min)		ommen lo wate		recorde
											10			GRO	OUND	VATER	DETAIL
				ETA		1	-		Date	Hole Depth	Casing Depth	Depth to Water	O Com	nment	S		
	<u>Date</u> 10-1		7.9		1.50 RZ Bas 7.90	oe	Tyr 50mn										



REPORT NUMBER

1		7																		
СО	NTR	ACT	Р	PK3	Profile Pa	ark								DANA. SHEE	_	NO	RC3	30 et 1 of	1	
GR	OUN	D LE	TES VEL	(mO	703,489 730,159 D)				RIG TYPE FLUSH			Knebel Air/Mist		DATE	LOGG	ED).	17/1	0/2019 0/2019	1	
	ENT SINE	ER	Р	M Gr	oup				CORE DIA	` •	m)	-90 78		DRILL LOGG			U-	eterser O'She		
Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Frac Spac Lo (mi	cing og m)	Non-intact Zone	Legend			Descrip	tion				Depth (m)	Elevation	Standpipe Details	SPT (N Value)	
- 0								\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	as returns SYMMETI	of TOPSC	ING: No red IIL ING: No red silty gravelly	covery, ob			/	0.30	80.43			
2									as returns	of brown s	ING: No red silty gravelly hered rock	covery, ob	serve ith col	ed by dri bbles -	ller	1.20	79.53			
- - - 3									SYMMETI	RIX DRILL	ING: No red	covery, ob	serve	ed by dri	ller	2.90	77.83			
5	6.20	100	93	81			7		SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK 77.33 Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-1.20m) into calci-silitie limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (5.24-5.32m & 6.73-6.75m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, commonly calcite-veined (1-18mm thick). Dips are 10°-20° & very locally 70°.											
8	8.10	100	91	86			· · · · · · · · · · · · · · · · · · ·		End (of Borehole	e at 8.10 m					8.10	72.63			
RE	MAR															WAT	TER ST	RIKE	DETAILS	
REI	e cas	sed ().00-3	3.40r	n.					Water Strike	Casing Depth	Sealed At		ise ō	Time (min)		mmen		erecorded	
	т.	A T1	2 140	ET*						Data	Hole	Casing	g D	epth to	Car			VATER	DETAILS	
	Date		ON D		RZ Top	RZ Base	9	Тур	oe	Date	Depth	Depth		epth to Water	Com	nment	5			
						1				1					1					

RC01 Box 1 of 2 - 2.80-5.40m



RC01 Box 2 of 2 - 5.40-8.00m



RC02 Box 1 of 2 - 3.00-6.00m



RC02 Box 2 of 2 - 6.00-8.20m



RC03 Box 1 of 2 - 2.60-5.50m



RC03 Box 2 of 2 - 5.50-8.00m



RC04 Box 1 of 4 - 1.20-4.15m



RC04 Box 2 of 4 - 4.15-6.80m



RC04 Box 3 of 4 - 6.80-9.60m



RC04 Box 4 of 4 - 6.80-9.60m



RC05 Box 1 of 2 - 2.30-5.00m



RC05 Box 2 of 2 - 5.00-7.95m



RC06 Box 1 of 2 - 3.00-5.50m



RC06 Box 2 of 2 - 5.50-8.10m



RC07 Box 1 of 4 - 1.50-4.30m



RC07 Box 2 of 4 - 4.30-7.00m



RC07 Box 3 of 4 - 7.00-9.65m



RC07 Box 4 of 4 - 9.65-10.15m



RC08 Box 1 of 2 - 2.40-5.15m



RC08 Box 2 of 2 - 5.15-7.95m



RC09 Box 1 of 2 - 2.10-5.35m



RC09 Box 2 of 2 - 5.35-8.00m



RC10 Box 1 of 3 - 1.20-4.95m



RC10 Box 2 of 3 - 4.95-7.50m



RC10 Box 3 of 3 - 7.50-8.40m



RC11 Box 1 of 2 - 2.20-5.45m



RC11 Box 2 of 2 - 5.45-8.25m



RC12 Box 1 of 2 - 2.70-5.25m



RC12 Box 2 of 2 - 5.25-7.90m



RC13 Box 1 of 2 - 2.90-6.65m



RC13 Box 2 of 2 - 6.65-8.00m



RC14 Box 1 of 3 – 1.50-4.45m



RC14 Box 2 of 3 - 4.45-6.75m



RC14 Box 3 of 3 - 6.75-8.60m



RC15 Box 1 of 3 – 1.55-4.35m



RC15 Box 2 of 3 – 4.35-7.00m



RC15 Box 3 of 3 - 7.00-9.55m



RC16 Box 1 of 3 - 1.50-4.60m



RC16 Box 2 of 3 - 4.60-7.30m



RC16 Box 3 of 3 - 7.30-9.40m



RC17 Box 1 of 3 - 1.80-4.60m



RC17 Box 2 of 3 - 4.60-7.40m



RC17 Box 3 of 3 - 7.40-8.40m



RC18 Box 1 of 3 - 1.10-3.85m



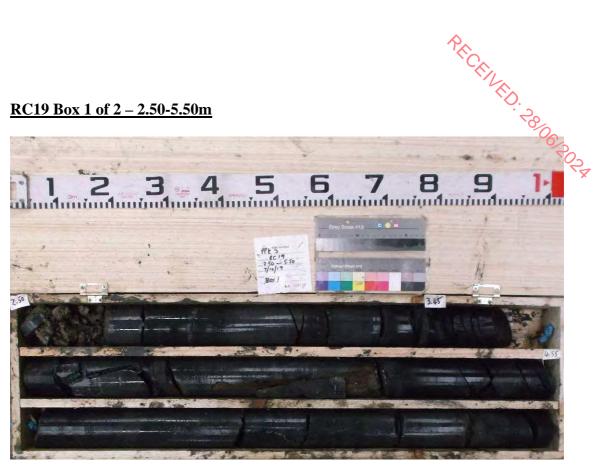
RC18 Box 2 of 3 - 3.85-6.75m



RC18 Box 3 of 3 - 6.75-8.20m



RC19 Box 1 of 2 - 2.50-5.50m



RC19 Box 2 of 2 - 5.50-8.00m



RC20 Box 1 of 2 - 3.00-5.80m



RC20 Box 2 of 2 - 5.80-8.15m



RC21 Box 1 of 3 - 1.40-4.65m



RC21 Box 2 of 3 - 4.65-7.20m



$\underline{RC21\ Box\ 3\ of\ 3-7.20\text{-}8.00m}$



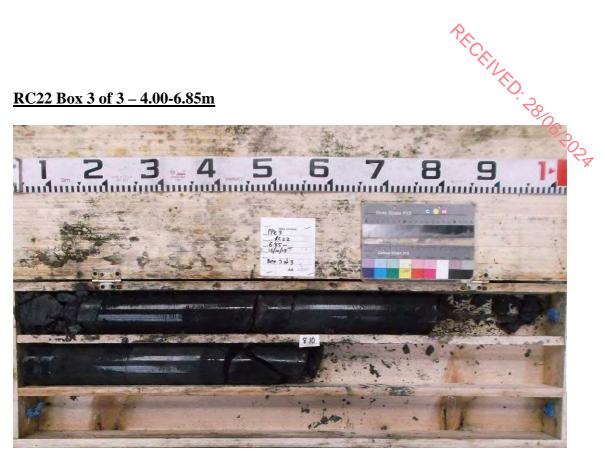
RC22 Box 1 of 3 - 1.20-4.00m



RC22 Box 2 of 3 - 4.00-6.85m



RC22 Box 3 of 3 - 4.00-6.85m



RC23 Box 1 of 3 - 1.50-4.55m



RC23 Box 2 of 3 - 4.55-7.20m



RC23 Box 3 of 3 - 7.20-8.00m



RC24 Box 1 of 2 - 2.40-5.25m



RC24 Box 2 of 2 - 5.25-8.00m



RC25 Box 1 of 2 - 2.40-5.10m



RC25 Box 2 of 2 - 5.10-7.90m



RC26 Box 1 of 2 - 2.30-5.10m



RC26 Box 2 of 2 - 5.10-7.70m



RC27 Box 1 of 2 - 2.20-5.10m



RC27 Box 2 of 2 - 5.10-7.90m



RC28 Box 1 of 2 - 2.40-5.20m



RC28 Box 2 of 2 - 5.20-8.00m



RC29 Box 1 of 2 - 2.20-5.00m



RC29 Box 2 of 2 - 5.00-7.90m



PRCRINED: 2806/2024

RC30 Box 1 of 2 - 3.40-6.20m



RC30 Box 2 of 2 - 6.20-8.10m



Appendix 3

Dynamic Probe Records

PRICENED. 28/08/2024



REPORT NUMBER

1337									22000
CONTRACT P	PK3 Profile Park					PRO — SHE	BE NO.	!	DP03 Sheet 1 of 1
CO-ORDINATES GROUND LEVEL	703,431.36 E 730,624.32 N (mOD) 74.15	HAMMER MASS (kg)		50		DATI	E DRILL E LOGGI		05/09/2019 01/10/2019
CLIENT ENGINEER P	M	INCREMENT SIZE (m FALL HEIGHT (mm)	m)	100 500		PRO	BE TYPI	۳. بار	DPH
Depth (m)	Geotechnical Desc		Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
0.0	bbe at 2.40 m				71.75		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 2.00 2.10 2.20 2.30	5 7 9 9 7 7 11 11 7 5 9 14 10 6 5 8 12 10 7 5 10 14 22 5	0 5 10 15 20 25
GROUNDWATER REMARKS	OBSERVATIONS								



REPORT NUMBER

CONT	RACT PPK3	Profile Park					PRO SHE	RE NO.	•	DP12 Sheet 1 of 1
co-o	RDINATES	703,426.49 E 730,585.00 N					DATI	E DRILL		05/09/2019
GROU	JND LEVEL (mO		HAMMER MASS (kg)		50		DATI	E LOGG	E O.	01/10/2019
CLIEN	NT		INCREMENT SIZE (mi	n)	100			DE T/D	۔ بے	
ENGI	NEER PM		FALL HEIGHT (mm)		500	1 1	PRO	BE TYP	E `	DPH
Depth (m)		Geotechnical Descri	ption	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
1.0	End of Probe a	at 2.40 m				72.17		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 2.00 2.10 2.20 2.30	1 4 6 11 7 6 6 6 7 10 7 3 1 1 1 2 2 3 10 17 23 34 25	34
- - - - - - - - - -										
4.0										
GROU REMA	JNDWATER OBS	SERVATIONS								



REPORT NUMBER

CON	TRACT PPK3 Profile Park						BE NO.	!	DP16
CO-C	ORDINATES 703,379.94 E					SHE	ET' E DRILL	ED	Sheet 1 of 1 05/09/2019
GRO	730,573.04 N UND LEVEL (mOD) 75.24	HAMMER MASS (kg)		50			LOGG		01/10/2019
CLIE		INCREMENT SIZE (mr	n)	100		DDO	BE TYP		O DDI
ENGI	NEER PM	FALL HEIGHT (mm)		500		PRO	BE IYP	E .	DPH
Depth (m)	Geotechnical Description	n	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)		Graphic Probe Record
1.0	End of Probe at 2.20 m				73.04		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00	0 1 2 5 6 5 7 8 12 22 21 19 17 14 10 6 6 5 15 15 12 22 21 22 21 25 25 25 25 25 25 25 25 25 25 25 25 25	32
3.0									
REMENTS 22000B.G	UNDWATER OBSERVATIONS ARKS								



REPORT NUMBER

OG	SL								22000
CONT	FRACT PPK3 Profile Park						BE NO.		DP21
CO-O	RDINATES 703,520.86 E 730,526.21 N					SHE	E DRILL	-D	Sheet 1 of 1 05/09/2019
GROI	730,526.21 N JND LEVEL (mOD) 76.42	HAMMER MASS (kg)		50		1	ELOGG		01/10/2019
CLIEN		INCREMENT SIZE (mr	n)	100				, 5	00
ENGII		FALL HEIGHT (mm)		500		PRO	BE TYP	E	DPH
Depth (m)	Geotechnical Description	n	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
0.0	End of Probe at 1.00 m				75.42	,	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	3 6 7 7 15 21 22 24 26 25	26
2.0									
3.0									
GROU	JNDWATER OBSERVATIONS ARKS								



REPORT NUMBER

CONT	TRACT PPK3 F	Profile Park						BE NO.		DP23
CO-O	RDINATES	703,572.97 E					SHE	(1)		Sheet 1 of 1
	JND LEVEL (mOD	730,528.97 N	HAMMER MASS (kg)		50		- 1	E DRILLI E LOGGI		05/09/2019 01/10/2019
CLIEN		70.10	INCREMENT SIZE (mi	n)	100				~ ;~	0
ENGI			FALL HEIGHT (mm)		500		PRO	BE TYP	E	DPH
Depth (m)		Geotechnical Descript	ion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
1.0	End of Probe at	1.70 m				74.40		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50	2 5 12 13 15 9 12 11 9 6 8 26 16 23 29 25	26
3.0										
4.00										
IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19 BA ON ON ON ON ON ON ON ON ON O	JNDWATER OBSE	ERVATIONS								



REPORT NUMBER

		Profile Park					SHE	(1)		DP25 Sheet 1 of	1
	RDINATES JND LEVEL (mOI	703,514.47 E 730,496.74 N D) 75.21	HAMMER MASS (kg)		50			E DRILLI E LOGGI	. •	05/09/2019 01/10/2019	
CLIEN		75.21	INCREMENT SIZE (mi	m)	100				<u>ٽ</u>		
ENGI			FALL HEIGHT (mm)		500		PRO	BE TYP	Ε ''	DPH	
Depth (m)		Geotechnical Description	on	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic F Recor	Probe rd
1.0	End of Probe a	t 0.90 m				74.31	`	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	1 1 2 3 5 12 3 32 25		32
2.0											
3.0											
4.0											
-											
GROU	JNDWATER OBS	ERVATIONS									



REPORT NUMBER

CO-OR	RACT PPK	703,548.43 E					SHE	(1)		DP27 Sheet 1		
	ND LEVEL (m	730,491.52 N	HAMMER MASS (kg)	50			E DRILL E LOGG		05/09/20 01/10/20		
CLIENT		,	INCREMENT SIZE (n	nm)	100)			<u>,</u> 5	9		
ENGINE	EER PM		FALL HEIGHT (mm)	1	500)	PRO	BE TYP	E `	DPH		
Depth (m)		Geotechnical Des	cription	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)		ic Probecord	
	End of Probe	e at 0.90 m				74.41		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	0 2 4 9 21 22 23 29 25			29
2.0												
3.0												
4.0												



REPORT NUMBER

CLIENT NO.00 T5.24 HAMMER MASS (kg) S0 DATE LOGGED Of 1/10/2019 DATE LOGGED Of 1/10/2	CONTRACT PPK3 Profile Park CO-ORDINATES 703,590.30 E					SHE	(· / ·	5	DP29 Sheet 1 of 1
CLIENT INCREMENT SIZE (mm) 100 PROBE TYPE PROBE	730,482.95 N	HAMMER MASS (kg)		50			- /		
FALL HEIGHT (mm) SOO PROBE TYPE SOPH SOO PROBE TYPE SOO		INCREMENT SIZE (mn	n)	100	1			<u>,</u> 5%)
0.0 0.0 0.10 0.20 5 0.30 5 0.40 5 0.60 12 0.70 15 0.80 13 0.90 12 1.00 14 1.10 9 1.20 12 1.30 14 1.40 20 1.50 17 1.60 12 1.70 9 1.80 8 8 1.90 10 12 1.70 9 1.80 8 8 1.90 10 12 1.70 19 10 10 10 10 10 10 1		FALL HEIGHT (mm)		500		PRO	BE TYP	E 9	OPH
1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Depth (r	on	Legend	Depth (m)	Elevation (mOD)	Water		L Š	
	2.0				72.84	,	0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20	3 5 5 5 9 12 15 13 12 14 20 17 12 9 8 10 11 19 21	
4.0	4.0							-	
GROUNDWATER OBSERVATIONS	SPOLINDWATER ORSERVATIONS								



REPORT NUMBER

	RACT PPK3 Profile Park					PRO SHE	BE NO.		DP31 Sheet 1 of 1
	RDINATES 703,528.72 E 730,482.40 N	HAMMER MASS (kg)		50			E DRILLI E LOGGI		05/09/2019 01/10/2019
	70.40	INCREMENT SIZE (mr	n)	100		DAIL		<u>ي.</u>	-
CLIEN	••		'',	500		PRO	BE TYP	E , C	DPH
ENGIR	NEER PIVI	FALL HEIGHT (mm)		500					
Depth (m)	Geotechnical Description		Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)		Graphic Probe Record
1.0	End of Probe at 2.50 m				72.98		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40	1 2 4 7 7 111 100 9 21 200 188 16 111 8 5 8 112 8 7 8 110 112 114 119 21 25	
3.0									
4.0									
GROUNDER CONTRACTOR OF THE CON	UNDWATER OBSERVATIONS ARKS								



REPORT NUMBER

100	93)								
	RACT PPK3 Profile Park					PRO SHE	BE NO.		DP33 Sheet 1 of 1
CO-O	RDINATES 703,573.83 E 730,479.28 N					DAT	E DRILLE	D	05/09/2019
GROL	IND LEVEL (mOD) 75.31	HAMMER MASS (kg)		50		DAT	E LOGGE	8	01/10/2019
CLIEN		INCREMENT SIZE (mi	m)	100)			. 5)
ENGIN		FALL HEIGHT (mm)		500)	PRO	BE TYPE	9	DPH
Depth (m)	Geotechnical Descriptio	n	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
1.0							0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40	1 3 4 4 6 11 17 14 12 14 17 19 22 14 13 9 6 2 4 12 15 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	
3.0	End of Probe at 2.50 m				72.81			-	
- - -	INDWATER OBSERVATIONS							_	
GROU	IRKS								



REPORT NUMBER

22000

		Profile Park					PRO SHE	RE NO.		DP35 Sheet 1 of 1
co-o	RDINATES	703,522.31 E 730,452.58 N					DATI	E DRILL		05/09/2019
GROL	JND LEVEL (mC		HAMMER MASS (kg)		50		DATI	E LOGÓ	<u>. </u>	01/10/2019
CLIEN	NT		INCREMENT SIZE (m	m)	100		DDO	BE TYP	_ 'جي	DDU
ENGI	NEER PM		FALL HEIGHT (mm)	I	500		PRO	DEITP	_	DPH
Depth (m)		Geotechnical Descrip	otion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
1.0	End of Probe a	at 0.90 m				75.33		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	1 1 2 10 7 14 29 37 25	2:
2.0										
3.0										
4.0										
GROL	JNDWATER OB:	SERVATIONS								



REPORT NUMBER

133L									22000
CONTRACT PPK3	Profile Park					PRO SHE	BE NO.		DP37 Sheet 1 of 1
CO-ORDINATES GROUND LEVEL (mO CLIENT ENGINEER PM	703,579.97 E 730,447.99 N D) 75.85	HAMMER MASS (kg) INCREMENT SIZE (m) FALL HEIGHT (mm)	m)	50 100 500		DATE	E DRILLE E LOGGE BE TYPE	D (05/09/2019 01/10/2019
Depth (m)	Geotechnical Descri	ption	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
2.0 End of Probe a 3.0	at 2.20 m				73.65		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.10 1.20 1.30 1.40 1.50 1.80 1.90 2.00 2.10	1 2 5 6 75 9 16 19 20 12 15 16 14 8 6 22 25 7	
GROUNDWATER OBS	SERVATIONS								



REPORT NUMBER

100	197										
	TRACT PPK3 Profile Park	ı				PRO SHE	BE NO.		DP39 Sheet 1 of 1		
CO-O	RDINATES 703,078.56 E 730,444.64 N					DATI	E DRILL		05/09/2019		
GRO	JND LEVEL (mOD) 79.03	HAMMER MASS (kg)		50		DATI	E LOGG	<u>න</u> .	01/10/2019		
CLIEN		INCREMENT SIZE (mi	m)	100		PRO	BE TYPI	E 7	DPH		
ENGII	NEER PM	FALL HEIGHT (mm)		500					<u> </u>		
					(QC			Probe Readings (Blows/Increment)	, OS		
<u></u>	Geotechnical Description	า		<u></u>	m) c		<u></u>	eadir ncrer	Graphic Probe Record		
Depth (m)	·		Legend	Depth (m)	Elevation (mOD)	ter	Depth (m)	be R ws/li	Record		
Dep			Leg	Dep	Ele	Water	Dep	PR BR	0 5 10 15 20 25		
0.0							0.00 0.10	14 19			
-							0.20 0.30	24 13			
							0.40 0.50	9 4			
							0.60 0.70	3 25			
Ĺ							0.80 0.90	39 25	39		
1.0	End of Probe at 1.00 m				78.03	`					
											
_											
_											
2.0											
											
L											
_											
3.0											
_											
-											
4.0											
-											
-											
<u> </u>											
GRO	JNDWATER OBSERVATIONS										
DE:	ADVe										
REMA	CANA										
GROU											



REPORT NUMBER

1937									
CONTRACT PPK3 Profile Park					PRO SHE	BE NO.		P40 heet 1 of 1	
CO-ORDINATES 703,109.76 E 730,426.72 N GROUND LEVEL (mOD) 79.95	HAMMER MASS (kg) INCREMENT SIZE (mr	n)	50 100		DATI	DATE DRILLED DATE LOGGED		05/09/2019	
CLIENT ENGINEER PM	FALL HEIGHT (mm)	,	500		PRO	BE TYPE	10/0	DPH	
Geotechnical Description	n	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe (Blows	Graphic Probe Record	25
End of Probe at 0.90 m				79.05		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	23 25 23 15 11 22 20 29 25		29
4.0							-		
							_		
GROUNDWATER OBSERVATIONS REMARKS									



REPORT NUMBER

1937										
CONTRACT PPK3 Profile Park					PRO SHE	BE NO.		DP41 Sheet 1 of 1		
CO-ORDINATES 703,066.57 E 730,426.13 N GROUND LEVEL (mOD) 79.67 CLIENT	HAMMER MASS (kg)	n)	50 100		DATI	E DRILLE E LOGGE	(D	05/09/2019 01/10/2019		
ENGINEER PM	FALL HEIGHT (mm)		500		PRO	PROBE TYPE OPH				
Geotechnical Description	1	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Pr Record		
				78.67		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	11 23 37 12 10 7 5 19 23 25		377	
3.0										
4.0										
GROUNDWATER OBSERVATIONS REMARKS							ı			



REPORT NUMBER

	33)										
	RACT PPK3 Profile Park	T				PRO SHE	BE NO.		DP42 Sheet 1 of 1		
со-о	RDINATES 703,094.39 E 730,401.33 N					DATI	E DRILL	D	05/09/2019		
GRO	JND LEVEL (mOD) 80.90	HAMMER MASS (kg)		50		DATI	E LOGG	8	01/10/2019		
CLIEN		INCREMENT SIZE (mi	n)	100				٠, ج	o .		
ENGII		FALL HEIGHT (mm)		500		PRO	BE TYPI	Ε `	DPH		
Depth (m)	Geotechnical Description	n	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record		
1.0	End of Probe at 1.20 m				79.70	,	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10	12 17 26 29 14 13 8 10 15 23 35 25	26 29 29 35		
2.0											
3.0											
4.0											
GROU	JINDWATER OBSERVATIONS ARKS										



REPORT NUMBER

HAMMER MASS (kg) 50 DATE LOGGED 01/11	. 3 et 1 of 1	DP4 Shee	E NO.	PRO				1			
CLIENT ENGINEER PM FALL HEIGHT (mm) 100 PROBE TYPE PROBE T	9/2019					50		HAMMED MASS (Pa)	730,392.77 N		
FALL HEIGHT (mm) Soo PROBE TYPE So PRO		01/10	LUGGE	DATE			m)				
Geotechnical Description Page Geotechnical Description Geotechnical Description Page Geotechnical Description	'Η	E OP	E TYPE	PRO			111)	1			1
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5					500		FALL HEIGHT (IIIII)	NEER PIVI	INEER P	ENGI
1.0 End of Probe at 1.10 m	aphic Probe Record			Water	Elevation (mOD)	Depth (m)	Legend	n	Geotechnical Descriptio		
3.0	26 26 29	22 26 9 10 14 18 21 26 29	0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	,	79.79						-
4.0											2.0
											3.0
GROUNDWATER OBSERVATIONS REMARKS											GROU



REPORT NUMBER

22000

CONT	RACT PPK3 Profile Park					PRO SHE	BE NO.		DP44 Sheet 1 of 1
	RDINATES 703,073.77 E 730,376.09 N	HAMMER MASS (kg)		50		DATI	E DRILL		05/09/2019 01/10/2019
	JND LEVEL (mOD) 81.25	INCREMENT SIZE (mr	m)	100		DAIL	L LOGG!	~ ;	<u> </u>
CLIEN			11)			PRO	BE TYP	E 7	DPH
ENGI	NEER PM	FALL HEIGHT (mm)		500				1	
Depth (m)	Geotechnical Description	1	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
1.0	End of Probe at 1.30 m				79.95		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20	11 25 31 20 11 8 7 9 10 13 18 23 25	31
3.0									
4.0									
GROU	JNDWATER OBSERVATIONS ARKS								



REPORT NUMBER

		3 Profile Park					PRO SHE	RE NO.		DP46 Sheet 1 of 1	
CO-O	RDINATES	703,169.44 E 730,404.61 N					DATI	E DRILL		05/09/2019	
GRO	JND LEVEL (m	OD) 81.47	HAMMER MASS (kg)		50		DATE LOGGED			01/10/2019	
CLIEN			INCREMENT SIZE (m	m)	100		PPO	BE TYP	- کی	DPH	
ENGI	NEER PM		FALL HEIGHT (mm)	I	500		ı ko		_	00111	
Depth (m)		Geotechnical Description	on	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record	
1.0 2.0 3.0	End of Probe	e at 2.40 m				79.07		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.70 1.80 2.00 2.10 2.20 2.30	20 17 29 23 21 17 17 12 7 7 2 9 17 15 13 10 11 10 5 19 23 28 25		
GROU	JNDWATER OI	BSERVATIONS									
REM#	ARKS										



REPORT NUMBER

133L								22000
CONTRACT PPK3 F	Profile Park					PRO SHE	BE NO.	DP47 Sheet 1 of 1
CO-ORDINATES GROUND LEVEL (MOD CLIENT ENGINEER PM	703,143.86 E 730,390.72 N) 81.70	HAMMER MASS (kg) INCREMENT SIZE (mr FALL HEIGHT (mm)	n)	50 100 500		DATE	E DRILLE E LOGGE BE TYPI	05/09/2019 01/10/2019
Depth (m)	Geotechnical Descrip	tion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Graphic Probe Record Graphic Probe Record Graphic Probe Record
1.0 End of Probe at	1.20 m				80.50	`	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	19 37 38 20 19 12 8 9 10 12 18 25
2.0								
3.0								
4.0								
GROUNDWATER OBSE	ERVATIONS							



REPORT NUMBER

OG	SL								22000
CONT	RACT PPK3 Profile Park						BE NO.	ļ	DP48
CO-O	RDINATES 703,125.78 E					SHE			Sheet 1 of 1
	730,355.65 N	HAMMED MASS (kg)		50			E DRILLE E LOGGE		05/09/2019
	JND LEVEL (mOD) 81.94	HAMMER MASS (kg) INCREMENT SIZE (mr	m)	100		DAII	E LOGGE	<u>ين.</u>	01/10/2019
CLIEN		FALL HEIGHT (mm)	'')	500		PRO	BE TYPE	<u> </u>	DPH
ENGII	NER FIVI	FALL REIGHT (ITIIII)		500					1 1 1 1 1 1 1 1 1 1
					(QC			Probe Readings (Blows/Increment)	OS A
	Geotechnical Description	n		=	Elevation (mOD)			adin	Graphic Probe Record
h (m	2 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		pu	h (n	atior	_	h (m	e Re vs/Ir	Record
Depth (m)			Legend	Depth (m)	leva	Water	Depth (m)	Prob Blov	
0.0							0.00	14	0 5 10 15 20 25
- 0.0							0.10	15 22	
-							0.20 0.30	33	33
-							0.40 0.50	15 7	
F							0.60 0.70	8 10	
-							0.80	11	
1.0							0.90 1.00	15 15	
-							1.10 1.20	22 33	33
F	End of Probe at 1.40 m				00.54	,	1.30	25	
<u> </u>	End of Probe at 1.40 m				80.54				
-									
F									
2.0									
-									
F									
-									
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3.0									
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3/10/18									
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GROI	JNDWATER OBSERVATIONS								
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GROUP TOP TOP TOP TOP TOP TOP TOP TOP TOP TO									
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REPORT NUMBER

) ISSL									22000	
CONTRACT	PPK3 Profile Park					PRO SHE	BE NO.		DP49	
CO-ORDINATES	730,328.95 N	HAMMER MASS (kg)		50		DATI	E DRILLE E LOGGE	D		
CLIENT		INCREMENT SIZE (mi	m)	100		PPO	BE TYPI	<u>.</u> 5	DPH	
ENGINEER	PM	FALL HEIGHT (mm)		500		PRO	DE ITP		OFFI 2	
Depth (m)	Geotechnical Des	cription	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)		Graphic Probe Record	
End of F	Probe at 0.90 m				81.64	,	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	11 14 20 29 19 11 19 21 25	25	
2.0								-		
3.0								_		
4.0								_		
GROUNDWATE	R OBSERVATIONS									



REPORT NUMBER

	100	193									
		TRACT PPK3 Profile Park					PRO SHE	RE NO.		DP52 Sheet 1 of 1	
	CO-O	RDINATES 703,251.15 E 730,358.70 N						E DRILL		05/09/2019	
	GRO	JND LEVEL (mOD) 81.62	HAMMER MASS (kg)		50			E LOGG	. `	01/10/2019	
	CLIE		INCREMENT SIZE (mi	m)	100				<u>.</u> 5	<u> </u>	
	ENGI		FALL HEIGHT (mm)		500		PROBE TYPE		ءِ وَ	DPH	
	Depth (m)	Geotechnical Description		Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record	
REMENTS 22000B.G	2.0 -3.0	End of Probe at 1.60 m JNDWATER OBSERVATIONS				80.02		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50	12 11 16 8 5 7 7 6 3 5 4 6 8 8 12 20 25		
IGSL DP LOG 100N											



REPORT NUMBER

CONT	TRACT PPK3 Profile Park					PRO	BE NO.		DP53
						SHE	iT,		Sheet 1 of 1
	730,326.87 N	HAMMER MASS (kg)		50		- 1	E DRILLE E LOGGI	. •	05/09/2019 01/10/2019
	JND LEVEL (mOD) 81.30	INCREMENT SIZE (mr	n)	100		DAII		<u>ی.</u>	01/10/2013
CLIEN		FALL HEIGHT (mm)		500		PRO	BE TYPI	Ε ``	DPH
Depth (m)	Geotechnical Descriptio	n	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
0.0				De	ă	>	0.00	16	0 5 10 15 20 25
1.0	End of Probe at 1.10 m				80.20	`	0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	38 34 15 9 8 10 14 22 27 25	22
2.0									
3.0									
4.0									
GROL	JNDWATER OBSERVATIONS								
REMA									



REPORT NUMBER

100	36								
	RACT PPK3 Profile Park					PRO — SHE	BE NO.	DP54 Sheet 1 of 1	
	RDINATES 703,311.84 E 730,321.89 N JND LEVEL (mOD) 80.97	HAMMER MASS (kg) INCREMENT SIZE (mi	m)	50 100	1	- 1	E DRILLE E LOGGE	01/10/2019	
ENGI		FALL HEIGHT (mm)		500		PRO	BE TYPE	DPH	
Depth (m)	Geotechnical Descrip	otion	Legend	Depth (m)	Elevation (mOD)	Water		Graphic Probe Record Graphic Probe Record O 5 10 15 20 25	
1.0	End of Probe at 2.30 m				78.67		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20	35 34 37 36 8 5 5 6 6 7 7 5 6 8 8 5 5 6 7 7 5 6 6 7 7 5 6 6 7 7 5 6 7 7 7 7	
3.0									
4.0									
GROU	JINDWATER OBSERVATIONS ARKS			ı					



REPORT NUMBER

IGSL							22000
CONTRACT PPK3 Profile Park					PRO SHE	RE NO.	DP55 Sheet 1 of 1
CO-ORDINATES 703,213.49 E 730,335.21 N GROUND LEVEL (mOD) 81.97 CLIENT ENGINEER PM	HAMMER MASS (kg) INCREMENT SIZE (mm	n)	50 100 500		DATE	E DRILLE E LOGGE BE TYPE	05/09/2019 01/10/2019
Geotechnical Description	on	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Graphic Probe Record Graphic Probe Record
1.0 End of Probe at 1.80 m 2.0 3.0				80.17		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.70	10 12 17 10 5 8 8 8 5 4 2 2 2 3 1 1 2 9 20 27 25
GROUNDWATER OBSERVATIONS							
REMARKS							



REPORT NUMBER

133L								22000	
CONTRACT PPK3 Profile Park					PRO SHE	BE NO.		DP56 Sheet 1 of 1	
CO-ORDINATES 703,241.33 730,329.17 GROUND LEVEL (mOD) 8	3 E 7 N HAMMER MASS (kg)		50		DATI	E DRILLE E LOGGE	p 0	05/09/2019	
CLIENT ENGINEER PM	INCREMENT SIZE (mi FALL HEIGHT (mm)	m)	100 500		PRO	BE TYPE	.4%	DPH	
	nical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record	
1.0 End of Probe at 1.10 m				80.69		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	13 19 10 7 6 11 12 17 13 31 25		
3.0							-		
- 4.0 									
GROUNDWATER OBSERVATIONS REMARKS									



REPORT NUMBER

CONT	TRACT PPK3 Pro	ofile Park					PRO — SHE	BE NO.		DP57	
со-о	RDINATES 7	703,273.51 E 730,314.97 N						E DRILL	ED	Sheet 1 of 1 05/09/2019	
GROU	JND LEVEL (mOD)	81.57	HAMMER MASS (kg)		50			E LOGG		01/10/2019	
CLIEN			INCREMENT SIZE (mi	n)	100				ં ન્ડ	9	
ENGI	NEER PM		FALL HEIGHT (mm)		500	1	PRO	BE TYP	E `	DPH	
Depth (m)		Geotechnical Descript	ion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record	
1.0	End of Probe at 1.	00 m				80.57		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	19 14 12 8 4 4 16 35 25		35
3.0											
4.0											
GROU	JNDWATER OBSER ARKS	EVATIONS									



REPORT NUMBER

100	103										
	TRACT PPK3 Profile Park					PRO SHE	BE NO.		DP58 Sheet 1 of 1		
co-o	RDINATES 703,301.28 E 730,298.05 N					_	E DRILL	ED.			
GRO	GROUND LEVEL (mOD) 81.79 HAMMER MASS (kg) 50					DATE	DATE LOGGED 01/10/2019				
CLIE		INCREMENT SIZE (mr	n)	100							
ENGI	NEER PM	FALL HEIGHT (mm)		500		PRO	PROBE TYPE DPH				
Depth (m)	Geotechnical Description	1	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record		
1.0	End of Probe at 1.40 m				80.39		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	24 20 12 11 19 12 19 16 10 13 19 22 23 25			
3.0											
IGSL DP LOG 100MM INCREMENTS 22000B GPJ IGSL GGT 3/10/19 WHAT STATEMENTS 22000B GPJ IGSL GGT 3/10/19 WHAT STATEMENTS 22000B GPJ IGSL GGT 3/10/19	UNDWATER OBSERVATIONS ARKS										



REPORT NUMBER

OC	SL	AMIOT ROBE R							22000	
	TRACT PPK3 Profile Park					PRO SHE	BE NO.		DP59 Sheet 1 of 1	
	RDINATES 703,198.85 E 730,319.79 N JND LEVEL (mOD) 82.16 NT	HAMMER MASS (kg) INCREMENT SIZE (mi	HAMMER MASS (kg) 50 INCREMENT SIZE (mm) 100				DATE DRILLED DATE LOGGED		05/09/2019 01/10/2019	
ENGI	NEER PM	FALL HEIGHT (mm)		500) 	PRO	BE TYPI	E 🧡	DPH	
Depth (m)	Geotechnical Description	on	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record	25
1.0	End of Probe at 1.40 m				80.76		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.10 1.20 1.30	0 5 8 6 4 8 6 6 7 7 8 8 17 31 25		31
4.0								-		
IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19 MANA MANA MANA MANA MANA MANA MANA MAN	JNDWATER OBSERVATIONS ARKS									



REPORT NUMBER

OG	SL/									22000	,	
CONT	RACT PPK3 Profile Park	ζ					PRO SHE	BE NO.		DP60 Sheet 1 of 1		
	RDINATES 703,231.5 730,312.5 IND LEVEL (mOD)	58 E 52 N 81.90	HAMMER MASS (kg)		50		DATI	E DRILLE E LOGGE	. •	05/09/2019		
CLIEN	IT	01.00	INCREMENT SIZE (m FALL HEIGHT (mm)	ım)	100 500		PRO	BE TYPI	, 42	DPH		
Depth (m)		nnical Description		Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Pr Record	obe 20 25	
1.0	End of Probe at 1.20 m					80.70		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	3 7 11 11 11 10 10 13 15 15 27 25		27	
- - - - - - - -												
3.0												
- - - - - - - -												
GROL	INDWATER OBSERVATIONS	S										
REMA	RKS											



REPORT NUMBER

							DP61 Sheet 1 of 1
HAMMER MASS (kg)	m)	50		DATI	E DRILLE	b 0	05/09/2019 01/10/2019
FALL HEIGHT (mm)	11)			PRO	BE TYPE		DPH
ion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
			80.57		0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50	14 13 10 4 3 8 26 9 17 14 22 18 15 28 25	28
	INCREMENT SIZE (mi	INCREMENT SIZE (mm) FALL HEIGHT (mm) on	INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500	INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500 On (m) thickness the state of the sta	HAMMER MASS (kg) 50 DATI INCREMENT SIZE (mm) 500 FALL HEIGHT (mm) 500 On PRO SHE DATI DATI DATI DATI DATI DATI DATI DATI	ON FALL HEIGHT (mm) 500 PROBE TYPE ON (W) UOINT AND COMMOND TO THE METERS OF THE METE	On HAMMER MASS (kg) 50 DATE DRILLED ODATE LOGGED OF TYPE INCREMENT SIZE (mm) 500 PROBE TYPE On Increment (mm) FALL HEIGHT (mm) 500 PROBE TYPE On Increment (mm) FALL HEIGHT (mm) 500 PROBE TYPE On Increment (mm) FALL HEIGHT (mm) 500 PROBE TYPE On Increment (mm) FALL HEIGHT (



REPORT NUMBER

1937								
CONTRACT PPK3 Profile Park					PRO SHE	BE NO.		DP63 Sheet 1 of 1
CO-ORDINATES 703,193.48 E 730,290.10 N GROUND LEVEL (mOD) 83.05 CLIENT	HAMMER MASS (kg) INCREMENT SIZE (mr	n)	50 100		DATI	E DRILLE E LOGGE	D.	05/09/2019 01/10/2019
ENGINEER PM	FALL HEIGHT (mm)		500		PRO	BE TYPE	, 0	DPH
Geotechnical Description	on	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)		Graphic Probe Record
End of Probe at 0.90 m 1.0 2.0				82.15		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	4 6 7 23 26 31 27 19 25	26 31 27
4.0							-	
-								
ODOLINDWATER CROSERVATIONS								
GROUNDWATER OBSERVATIONS REMARKS								



REPORT NUMBER

133L									22000		
CONTRACT PPK3 Profi	ile Park					PRO SHE	BE NO.		DP64 Sheet 1 of 1		
73 GROUND LEVEL (mOD) CLIENT	3,209.08 E 0,285.74 N 82.73		HAMMER MASS (kg) 50 INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500					P (05/09/2019		
ENGINEER PM		FALL HEIGHT (mm)		500		1		<u>'</u>	20		
Depth (n	Geotechnical Descript	ion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record		
1.0 End of Probe at 1.60 2.0 3.0	0 m				81.13		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50	10 11 14 22 19 18 16 12 13 14 19 27 21 18 25 25			
4.0								-			
GROUNDWATER OBSERV	'ATIONS							L			



REPORT NUMBER

/ાહદ	35/									22000		
CONTR	ACT PPK3	Profile Park						BE NO.		DP65		
CO-ORI	DINATES	703,251.11 E					DATE DRIVLED		:D	Sheet 1 of 1 0 05/09/2019		
GROUN	ND LEVEL (mOI	730,260.36 N D) 82.52	HAMMER MASS (kg)		50		DATE LOGGED 01/10/2019					
CLIENT		02.02	INCREMENT SIZE (m	m)	100				<u>,</u> 5	9		
ENGINE	EER PM		FALL HEIGHT (mm)	1	500		PRO	ROBE TYPE		DPH		
Depth (m)		Geotechnical Descr	ription	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Prob Record		
0.0	End of Probe a	t 0.70 m				81.82	, ,	0.00 0.10 0.20 0.30 0.40 0.50 0.60	1 3 3 5 9 30 25		30	
2.0 - 2.0 												
4.0												
- - -												
GROUN REMAR	NDWATER OBS	ERVATIONS										



REPORT NUMBER

(IC	SL	WING I KOBE K		()					22000
CONT	RACT PPK3 Profile Park					PRO SHE	BE NO.		DP65A Sheet 1 of 1
GROU		HAMMER MASS (kg) INCREMENT SIZE (mr	n)	50 100		DATE	E DRILLE E LOGGE BE TYPI	<u>.</u> 9.	05/09/2019 01/10/2019
ENGI	NEER PM	FALL HEIGHT (mm)		500		1			2
Depth (m)	Geotechnical Description		Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
	End of Probe at 0.80 m					`	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	1 4 3 7 12 18 27 25	27
2.0									
3.0									
GROU	JNDWATER OBSERVATIONS								
GROU	ARKS								



REPORT NUMBER

100	ST/									22000
CONT	RACT PPK3	Profile Park					PRO SHE	BE NO.		DP66
со-о	RDINATES	703,275.99 E 730,249.30 N						E DRILL	D	Sheet 1 of 1 05/09/2019
GROU	JND LEVEL (mO		HAMMER MASS (kg)		50		DATE	E LOGG	છ ે.	01/10/2019
CLIEN			INCREMENT SIZE (m	m)	100		BBO	BE TYPI	رح	DPH
ENGI	NEER PM		FALL HEIGHT (mm)		500	·	FRO	DE I I F	-	OF I
Depth (m)		Geotechnical Descr	iption	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
1.0	End of Probe a	t 1.00 m				81.31		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	1 3 5 6 9 17 22 27 35 25	2733
2.0										
4.0										
- - -										
GROU REMA	JNDWATER OBS	SERVATIONS								



REPORT NUMBER

1937										
CONTRACT PPK3 Profile Park					PRO SHE	BE NO.	•	DP68 Sheet 1 of 1		
CO-ORDINATES 703,187.02 E 730,253.39 N GROUND LEVEL (mOD) 82.59	HAMMER MASS (kg) 50 INCREMENT SIZE (mm) 100					E DRILLE E LOGGE	D.	05/09/2019 01/10/2019		
CLIENT ENGINEER PM	FALL HEIGHT (mm)	·· ,	500		PRO	BE TYPI	= ,¢	DPH .		
Geotechnical Descriptio	n	Legend	Depth (m)	Elevation (mOD)	Water	O Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record		
1.0 End of Probe at 1.10 m 2.0 3.0				81.49		0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	3 6 12 17 11 10 8 9 8 25			
GROUNDWATER OBSERVATIONS REMARKS										



REPORT NUMBER

Je	31/								22000
CONT	TRACT PPK3 Profile Park					* '	RE NO.		DP69
CO-O	RDINATES 703,237.59 E 730,238.77 N					SHE	E DRILL	-n	Sheet 1 of 1 05/09/2019
GROI	730,238.77 N JND LEVEL (mOD) 82.21	HAMMER MASS (kg)		50			E LOGG		01/10/2019
CLIEN		INCREMENT SIZE (mr	n)	100				<u>, 45</u>	0
ENGII		FALL HEIGHT (mm)		500		PRO	BE TYPI		DPH
(m)	Geotechnical Description		p	(m)	Elevation (mOD)		(m)	Probe Readings (Blows/Increment)	Graphic Probe Record
Depth (m)			Legend	Depth (m)	Elevat	Water	Depth (m)		0 5 10 15 20 25
1.0	End of Probe at 1.00 m				81.21	,	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	1 1 1 7 9 10 10 24 29 25	29
2.0									
3.0									
4.0									
165E.6D1 3/10/19									
	JNDWATER OBSERVATIONS ARKS								



REPORT NUMBER

CONT	TRACT PPK3 Profile Park					PRO SHE	RE NO.		DP70 Sheet 1 of 1
	RDINATES 703,265.03 E 730,224.97 N			50		DATE	E DRILL		05/09/2019
	JND LEVEL (mOD) 82.05	HAMMER MASS (kg)		50		DATE	E LOGÓ	<u> </u>	01/10/2019
CLIE		INCREMENT SIZE (mr	n)	100		PRO	BE TYP	E 7	DPH
ENGI	NEER PM	FALL HEIGHT (mm)		500				_	0
Depth (m)	Geotechnical Description		Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
1.0	End of Probe at 1.20 m				80.85		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.10	0 2 4 7 12 8 13 14 16 20 27 25	27
3.0									
IGSE DP LOG TOOMM INCREMENTS ZOUGB.GPD IGSE.GD 3/10/19	JNDWATER OBSERVATIONS ARKS								



REPORT NUMBER

1GST										2200	<i>J</i> O
CONTRACT	PPK3 Prof	ile Park						BE NO.		DP71	£ 4
CO-ORDINA	TES 70	3,367.59 E					SHE	ET' E DRILLE		Sheet 1 of 05/09/201	
CDOLIND LE		0,330.58 N	HAMMER MASS (kg)		50			E LOGGE		01/10/201	
	EVEL (mOD)	79.49	INCREMENT SIZE (m	m)	100	ı			ٽ.		
CLIENT ENGINEER	PM		FALL HEIGHT (mm)	,	500		PRO	BE TYPE	- Zġ	DPH	
LINGINEER	r IVI		TALL TILIGITI (IIIII)		300	<u>'</u>					
Depth (m)	G	Geotechnical Descrip	tion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Rec	Probe ord
0.0	of Probe at 2.2	0 m				77.29		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.120 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	6 9 7 6 4 1 1 6 5 2 1 1 0 0 0 1 1 0 0 0 11 25 7		
4.0											
									_		
GROUNDW/ REMARKS	ATER OBSERV	ATIONS									



REPORT NUMBER

22000

CONT	RACT	PPK3 Profile Pa						PRO SHE	BE NO.		DP73 Sheet 1 of 1	
CO-O	RDINATES	703,329 730,271	0.60 E .70 N						DATE DRILLED 05/09/20			
GRO	JND LEVE		80.91	HAMMER MASS (kg) 50					DATE LOGGED 01/10/2019			
CLIEN	NT			INCREMENT SIZE (mm) 100					PROBE TYPE DPH			
ENGI	NEER	PM		FALL HEIGHT (mm)	1	500		PRO	BE I YP	E 3	DPH	
Depth (m)		Geoted	chnical Description	n	Pegend	Depth (m)	Elevation (mOD)	Water	Depth (m)		Graphic Probe Record	
	End of F	Probe at 1.70 m					79.21		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 1.00 1.10 1.20 1.30 1.40 1.50	12 23 12 11 3 2 1 1 2 3 4 6 19 25		
4.0										_	_	
GRO	JNDWATE	R OBSERVATIO	NS		I	ı			I	<u> </u>		
REMA	ARKS											



REPORT NUMBER

OC	SL/								22000
CONT	RACT PPK3 Profile Park						BE NO.	1	DP74
CO-O	RDINATES 703,303.35 E					SHE	ET' E DRILL	-n	Sheet 1 of 1
CBOI	730,222.50 N	HAMMER MASS (kg)		50		- 1	E LOGG		05/09/2019 01/10/2019
	JND LEVEL (mOD) 81.26	INCREMENT SIZE (mi	m)	100				<u> </u>)
CLIEN		FALL HEIGHT (mm)	,	500		PRO	BE TYP	E TYPE OPH	
	1111	TALE TIETOTT (TIME)		000					2
Depth (m)	Geotechnical Descript	ion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record
0.0	-						0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	2 4 8 6 6 7 17 19 32 25	32
1.0	End of Probe at 1.00 m				80.26				
2.0									
3.0									
4.0									
REM#	JNDWATER OBSERVATIONS ARKS								



REPORT NUMBER

/13	SL/								22000		
CONT	RACT PPK3	Profile Park						BE NO.	DP75		
CO-OF	RDINATES	703,428.23 E					SHE	E DRILLE	Sheet 1 of 1 0 05/09/2019		
GROU	JND LEVEL (mOI	730,302.34 N D) 78.08	HAMMER MASS (kg)		50			E LOGGE			
CLIEN		70.00	INCREMENT SIZE (m	m)	100	1					
ENGIN			FALL HEIGHT (mm)		500		PRO	BE TYPE	DPH		
Depth (m)		Geotechnical Desc	cription	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	(Blows/Increment) Graphic Probe Readings Graphic Prob Record Record		
0.0						ш	>	0.00	0 1 1	0 25	
1.0	End of Probe a	t 2.10 m				75.98		0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00	2 3 2 3 7 6 8 10 10 113 8 8 9 10 7 7 12 24 21 23 25		
3.0											
4.0											
GROU	INDWATER OBS	SERVATIONS									



REPORT NUMBER

133L										
CONTRACT PPKS	3 Profile Park					PRO SHE	BE NO.	DP76 Sheet 1 of 1		
CO-ORDINATES GROUND LEVEL (mC CLIENT	703,405.01 E 730,255.00 N OD) 78.76	HAMMER MASS (kg) INCREMENT SIZE (mr	n)	50 100		DATI	E DRILLE E LOGGE BE TYPE	05/09/2019		
ENGINEER PM		FALL HEIGHT (mm)		500		ı Ko				
Depth (m)	Geotechnical Descr	iption	Legend	Depth (m)	Elevation (mOD)	Water		Probe Readings (Blows/Increment) (Blows/Increment) (Broadings (B		
End of Probe	at 1.90 m				76.86		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80	19 24 33 11 9 5 4 2 1 1 0 0 1 1 4 8 8 8 5 5 5 6 6 25		
4.0										
GROUNDWATER OB	SERVATIONS									



REPORT NUMBER

100	127										
CONTRACT PPK3 Profile Park SHEET										DP77 Sheet 1 of 1	
CO-O	RDINA	703,380.42 E 730,205.20 N						E DRILL	ED.	05/09/2019	
GRO	JND LE	VEL (mOD) 79.31	HAMMER MASS (kg)		50		DAT	E LOGG	E D.	01/10/2019	
CLIE		PM	INCREMENT SIZE (m FALL HEIGHT (mm)	m)	100 500		PRO	BE TYP	د کی ا	DPH	
LIVOII	NLLIX	r IVI	TALL TILIOTT (IIIII)		300					2	
						Elevation (mOD)			Probe Readings (Blows/Increment)	A A	
(E)		Geotechnical Descripti	on	70	(E)	on (r		(E)	Rea	Graphic Probe Record	
Depth (m)				Legend	Depth (m)	evati	Water	Depth (m)	ope		
0.0				Le	ă	ш	>	0.00		0 5 10 15 20 25	
0.0								0.10	10 12		
-								0.20 0.30	7 7		
E								0.40 0.50	2 2		
-								0.60 0.70	6 9		
F								0.80 0.90	12 10		
1.0								1.00	7 8		
<u> </u>								1.20	12		
-		15 1 1 5						1.30 1.40	14 25		
<u> </u>	End o	of Probe at 1.50 m				77.81					
E											
2.0											
F											
F											
F											
-											
3.0											
3.0											
-											
-											
_											
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4.0											
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t											
GRO	JNDWA	TER OBSERVATIONS									
REMA	ARKS										
GROU											
<u> </u>											



REPORT NUMBER

22000

	TRACT PPK3 Profile Park							·	DP78 Sheet 1 of 1	
	703,345.19 E 730,168.02 N UND LEVEL (mOD) 80.09	HAMMER MASS (kg)		50			E DRILL E LOGG		05/09/2019 01/10/2019	
CLIEN		INCREMENT SIZE (mr	n)	100		PROBE TYPE DPH				
ENGI	NEER PM	FALL HEIGHT (mm)		500		PRO	BE TYP	E `	DPH	
Depth (m)	Geotechnical Description		Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record	
1.0	End of Probe at 1.80 m				78.29		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.10 1.20 1.30 1.40 1.50 1.60	17 5 12 11 14 10 10 12 8 9 19 10 13 13 10 7 14 25		
4.0										
GROU REMA	UNDWATER OBSERVATIONS ARKS									



REPORT NUMBER

IGST									
CONTRACT PPK3 Profile Park					BE NO.	DP79 Sheet 1 of 1			
CO-ORDINATES 703,460.66 E 730,297.40 N GROUND LEVEL (mOD) 77.70	HAMMER MASS (kg)	>	50			E DRILLE E LOGGE			
CLIENT ENGINEER PM	INCREMENT SIZE (mi FALL HEIGHT (mm)	n)	100 500		PRO	BE TYPE	E OPPH		
Geotechnical Desi	cription	Legend	Depth (m)	Elevation (mOD)	Water		Brown (Blows/Increment) Graphic Probe Record Record Graphic Probe Record		
				76.20		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	1 3 4 5 5 10 14 17 17 11 7 9 6 9 9 27 25 27		
3.0									
4.0									
GROUNDWATER OBSERVATIONS REMARKS									



REPORT NUMBER

	TRACT PPK3 Profile Park								DP80 Sheet 1 of 1		
	703,433.24 E 730,243.53 N	HAMMER MASS (kg)		50		1	E DRILLE E LOGG				
	UND LEVEL (mOD) 78.57	INCREMENT SIZE (mr	n)	100		DAIL		<u>ي.</u>	0.710,2010		
CLIEN		FALL HEIGHT (mm)	,	500		PRO	BE TYP	E Q	DPH		
LIAGII	1 171	I ALL HEIGHT (IIIII)		300					<u>~~~~~</u>		
Depth (m)	Geotechnical Descri	ption	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record		
1.0	End of Probe at 1.70 m				76.87		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50	0 2 2 2 2 8 10 14 11 9 12 12 14 19 23 34 25	_		
2.0								_			
3.0								-			
-								_			
GROUND INCREMENTS CANODINATED TO SECURITY OF THE SECURITY OF T	UNDWATER OBSERVATIONS ARKS										



REPORT NUMBER

133T									22000	
CONTRACT PP	K3 Profile Park					PRO SHE	BE NO.	DP81 Sheet 1 of 1		
CO-ORDINATES GROUND LEVEL (n CLIENT ENGINEER PM		HAMMER MASS (kg) INCREMENT SIZE (mr FALL HEIGHT (mm)	n)	50 100 500		DATE	E DRIVLI E LOGGI BE TYPI	D (05/09/2019 01/10/2019	
ENGINEER FIVI		PALL REIGHT (IIIII)		500				ls ent)	202 202	
Depth (m)	Geotechnical Descr	iption	Puegend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record	
End of Prob	e at 0.90 m				78.21	,	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	1 5 10 9 11 21 25 28 25 ,		
3.0										
4.0									-	
GROUNDWATER O	BSERVATIONS									



REPORT NUMBER

CONT	RACT PPK3 Profile Park					PRO SHE	BE NO.	'	DP82 Sheet 1 of 1		
со-о	RDINATES 703,384.06 E 730,162.70 N					DATI	E DRILL		05/09/2019		
GRO	JND LEVEL (mOD) 79.90	HAMMER MASS (kg)		50		DATI	LOGG	<u> </u>	01/10/2019		
CLIEN		INCREMENT SIZE (mn	n)	100		PRO	BE TYPI	E Y	DPH		
ENGI	NEER PM	FALL HEIGHT (mm)		500				_ 	<u> </u>		
Depth (m)	Geotechnical Description	1	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)		0 0 10 10 20 20		
1.0	End of Probe at 1.30 m				78.60		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20		333		
3.0											
4.0											
IGSL DP LOG TOOMM INCREMENTS ZZOODS.GPJ IGSL.GD 3/10/19 BANA STATEMENTS ZZOODS.GPJ IGSL.GD 3/10/19	JNDWATER OBSERVATIONS ARKS										



REPORT NUMBER

						DP83 Sheet 1 of 1			
HAMMER MASS (kg)		50		DATI	E DRILLE				
FALL HEIGHT (mm)	m)			PRO	BE TYPI	E OPH			
ion	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Graphic Probe Record Graphic Probe Record 0 5 10 15 20 25			
			76.99		0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20	3 4 6 12 12 10 11 20 29 25			
	INCREMENT SIZE (mi FALL HEIGHT (mm)	INCREMENT SIZE (mm) FALL HEIGHT (mm)	INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500	INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500 To Debth (m)	HAMMER MASS (kg) 50 DATI INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500 PRO On Japan	INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500 PROBE TYPE (a) (a) (b) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d			



REPORT NUMBER

	TRACT PPK3 Profile Park					PRO SHE	RE NO.		DP85 Sheet 1 of 1		
CO-O	RDINATES 703,525.67 E 730,263.13 N	: 				DAT	E DRILL	ED.	05/09/2019		
GROL	JND LEVEL (mOD) 79.	01 HAMMER MASS (kg		50		DAT	E LOGÓ	<u>ED</u>	01/10/2019		
CLIEN		INCREMENT SIZE (100		PPO	BE TYP	_ کی	DPH		
ENGIN	NEER PM	FALL HEIGHT (mm))	500		I KO			- Col III		
Depth (m)	Geotechnic	al Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)		Graphic Probe Record		
1.0	End of Probe at 1.50 m				77.51		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40	0 1 1			
3.0											
4.0								_	-		
GROU	JINDWATER OBSERVATIONS										



REPORT NUMBER

	RACT PPK3 Profile Park	1				PRO — SHE	BE NO.		DP87 Sheet 1	of 1		
	RDINATES 703,512.54 E 730,237.68 N IND LEVEL (mOD) 79.13	HAMMER MASS (kg)		50		DAT	E DRILL E LOGG	()	05/09/20			
		INCREMENT SIZE (mi	m)	100	1			~ ; ~	<u> </u>			_
CLIEN ENGIN		FALL HEIGHT (mm)	,	500		PRO	BE TYP	E `	DPH			
	in the second se	TALETICITY (IIIII)		300	<u> </u>				2			
								Probe Readings (Blows/Increment)	10	5		
					0			ding	Cronb	io Drob		
Œ	Geotechnical Description	on	-	Œ	ou (Œ	Rea	Re	ic Prob cord	Е	
Depth (m)			Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	obe				
			Le	۵	ă	Š			0 5 10	15 2	20 25	
0.0	End of Probe at 1.30 m				77.83		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20	0 1 3 2 3 2 4 10 13 19 27 25				7
3.0												
4.0												
			1		1	1	1	1	1 1 1	1	1 1	



REPORT NUMBER

	103										
	TRACT PPK3 Profile Park	T	PRO SHE	BE NO.		DP89 Sheet 1 of 1					
CO-O	RDINATES 703,464.19 E 730,234.28 N					DATI	E DRILLE	D 0	D 05/09/2019		
GRO	JND LEVEL (mOD) 79.45	HAMMER MASS (kg)		50		DATI	E LOGGE	b) 0	1/10/2019		
CLIE		INCREMENT SIZE (mr	n)	100				. 4%			
ENGI		FALL HEIGHT (mm)		500		PRO	BE TYPE	90	DPH		
Depth (m)	Geotechnical Description	1	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Pro Record		
0.0							0.00	1	1 1 1	20 23	
1.0	End of Probe at 1.60 m				77.85	,	0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50	3 3 2 3 2 2 5 9 11 12 15 13 19 27 25		27	
3.0								_			
4.0											
GRO	UNDWATER OBSERVATIONS ARKS										



REPORT NUMBER

	33)										
	RACT PPK3 Profile Park	T				PRO SHE	RE NO.		DP91 Sheet 1 of 1		
co-o	RDINATES 703,535.78 E 730,193.19 N					DATI	E DRILLE	D	D 05/09/2019		
GROU	JND LEVEL (mOD) 79.01	HAMMER MASS (kg)		50		DATI	E LOGGE	8	01/10/2019		
CLIEN		INCREMENT SIZE (mi	n)	100				. 5	· -		
ENGI		FALL HEIGHT (mm)		500		PRO	BE TYPE	9	DPH		
Depth (m)	Geotechnical Description	n	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Rec	Probecord	
0.0							0.00	1		13 20	23
1.0	End of Probe at 2.50 m				76.51		0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40	0 1			
3.0								-			
4.0											
GROU	JINDWATER OBSERVATIONS ARKS							•			



REPORT NUMBER

CONT	TRACT PPK3 Profile Park		PROBE NO. SHEET					'	DP93 Sheet 1 of 1		
co-o	RDINATES 703,488.81 E 730,192.20 N					DATI	E DRILL		05/09/2019		
	JND LEVEL (mOD) 80.07	HAMMER MASS (kg)		50		DATI	E LOGÓ	<u> </u>	01/10/2019		
CLIE		INCREMENT SIZE (mr	n)	100		PRO	BE TYP	F 7	DPH		
ENGII	NEER PM	FALL HEIGHT (mm)		500		1110		-	0		
Depth (m)	Geotechnical Description		Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	0 0 10 10 20 2		
1.0	End of Probe at 1.20 m				78.87		0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	0 1 2 4 5 9 12 12 19 26 37 25		26 37	
4.0											
IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19	UNDWATER OBSERVATIONS ARKS										



REPORT NUMBER

				100		,	DP95 Sheet 1 of 1
HAMMER MASS (kg)		50		DATI	E DRILL	P	05/09/2019 01/10/2019
FALL HEIGHT (mm)	m)			PRO	PROBE TYPE OPH		
on	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)		Graphic Probe Record
			79.09		0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	3 5 4 6 14 20 24 26 25	26
	INCREMENT SIZE (mi FALL HEIGHT (mm)	INCREMENT SIZE (mm) FALL HEIGHT (mm)	INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500	INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500 (m) quadron (mOm) unitary (modern management) 100 Elevation (modern management) 100 Government management	HAMMER MASS (kg) 50 DATE DATE DATE DATE DATE DATE DATE DATE	HAMMER MASS (kg) 50 DATE LOGG!	HAMMER MASS (kg) 50 DATE LOGGED DATE LOGGE



REPORT NUMBER

1G3T								22000
CONTRACT PPK3	Profile Park					PRO SHE	BE NO.	DP97 Sheet 1 of 1
CO-ORDINATES GROUND LEVEL (mO CLIENT ENGINEER PM	703,511.04 E 730,147.47 N DD) 81.35		HAMMER MASS (kg) 50 INCREMENT SIZE (mm) 100 FALL HEIGHT (mm) 500				E DRILLE E LOGGE BE TYPI	05/09/2019 01/10/2019
Depth (m)	Geotechnical Descri	ption	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment) Glows/Increment) Glows/Increment) O 5 10 15 20
End of Probe a 2.0	at 0.90 m				80.45	· ·	0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	0 5 7 6 9 15 19 35 25
3.0								
4.0								
GROUNDWATER OBS	SERVATIONS							



REPORT NUMBER

Je	ist/									22000	
CONT	FRACT PPK3 Profile Pa	ark						BE NO.		DP99	
CO-O	RDINATES 703,463	3.44 E					SHE	E DRILL		Sheet 1 of 1 05/09/2019	
GROI	730,149 JND LEVEL (mOD)	9.26 N 80.79	HAMMER MASS (kg)		50		- 1	E LOGG		01/10/2019	
CLIEN		00.70	INCREMENT SIZE (m	m)	100				<u> </u>	P	
ENGII			FALL HEIGHT (mm)		500		PRO	BE TYPI	=	DPH	
						(s nt)	200	
Depth (m)	Geote	chnical Descriptio	n	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record	
				Leć	De	Ele	× ×			0 5 10 15 20	25
0.0								0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	0 1 3 7 10 16 24 25 30 25		30
1.0	End of Probe at 1.00 m					79.79					
2.0											_
3.0											
4.0											
									•	_	
GRO	JNDWATER OBSERVATIO	NS									
REMA	ARKS										

Appendix 4

Plate Load Test Records

PRICENED. 28/08/2024

RECEINED. 2006/20

PLATE 1	TEST REPORT SHEET (F3.1)		Applied Pressure/Set	tlement Curve	×
Reference No. Contract Fest No. Location Depth Client Plate Diameter: Fest Method Fechnician Authorised by Date	R105274 PPK3 PBT 2 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loadir Sean Hannon		Description of soil under test (natural soil, placed fill, sub-ba Greyish brown gravelly silty cla Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00	ay	IGSL IGSL IMAB TOTAL THE PARTY OF THE PA
		Pressure / Settl	ement		
0	50	100	150	200	250
0.00					
-0.50					
? -1.00	7				
		-			
± -1.50					
Settlement (mm) -1.50 -2.00 -2.00					
			•		
-2.50	*				
-3.00					
-3.50		Press	sure (kN/m2)	—	
Modulus of subgra	mm settlement intersection = 71 ade reaction = 46 MPa/m applied = 0.64 as per HD 25-26/10	Equivaler	nt CBR value in accordance with NRA HD25-	26/10	7.3 %

PRCENED. 28/08/20

EST REPORT SHEET (F3.1)		Applied Pressure/Set	tlement Curve	*
R105274				
PPK3		Description of soil under test		
PBT 2 Reload		(natural soil, placed fill, sub-ba	ase)	_
Profile Park				
500mm				IV NAB
PM		Easting (m)	(I C S I
450 mm		Northing (m)	, ·	IGSL
BS 1377: Part 9: 1990 Test4 - Incremental Loadi	ing Test			\smile
Sean Hannon		Sample Ref No. N/A		
11 Pyrone 6/9/19		Depth 0.00	m bgl	
	Pressure / Settle	ement		
50	100	150	200	250
_				
-				
	_			
		1		
		1		
		*		
	•			
	•			
	•	sure (kN/m2)		
	PPK3 PBT 2 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loadi Sean Hannon 46/9/19	PPK3 PBT 2 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 46/9/19 Pressure / Settl	PPK3 PBT 2 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon G/9/19 Pressure / Settlement Description of soil under test (natural soil, placed fill, sub-ba Greyish brown gravelly silty classes) Greyish brown gravelly silty classes Greyish brown gravel	PPK3 PBT 2 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon Sean Hannon February 6/9/19 Description of soil under test (natural soil, placed fill, sub-base) Greyish brown gravelly silty clay Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00 m bgl

PRORINGED. 28/06/20

FLAIL	TEST REPORT SHEE	ET (F3.1)			Applied P	ressure/Set	tlement Curve	е	•
Reference No.	R105283								
Contract	PPK3				Description of	f soil under test			
Γest No.	PBT 4 Load					olaced fill, sub-ba	ase)		_
ocation	Profile Park				Brown silty cla	ay		(do	MV 1907
)epth	500mm								INAB
Client	PM				Easting (m)			IGS	TESTING
Plate Diameter:	450 mm				Northing (m)			Ltd.	GET ALLEN MY SCOTE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Te	est4 - Incremental	Loading Test		Ground Level				
echnician	Sean Hannon				Sample Ref No				
Authorised by	4 Byon				Depth	0.00	m bgl		
Date	6/9/19								
0	20		60		80				
-0.20									
0.00 -0.20 -0.40									
0.00 -0.20 -0.40									
0.00 -0.20 -0.40									
0.00 -0.20 -0.40									
0.00 -0.20 -0.40									
0.00 -0.20 -0.40 -0.60 -0.80 -1.00 -1.20									
0.00 -0.20 -0.40 -0.60 -0.80 -1.00							B-B		
0.00 -0.20 -0.40 -0.60 -0.80 -1.20 -1.20							B-B		
0.00 -0.20 -0.40 -0.60 -0.80 -1.00 -1.60							B-B		
0.00 -0.20 -0.40 -0.60 -0.80 -1.20 -1.40 -1.40				Pressu	re (kN/m2)		***		

RECEILED. 28/06/20

PLATE 7	TEST REPORT SHE	ET (F3.1)		Applie	d Pressure/Se	ttlement Curve		×
eference No.	R105283		"					
ontract	PPK3			Descripti	on of soil under tes	t		
est No.	PBT 4 Reload				soil, placed fill, sub-	oase)		_
ocation	Profile Park			Brown si	ty clay			100 17025
epth	500mm						<u> </u>	IVNAB
lient	PM			Easting (IGSI	TESTING
ate Diameter:	450 mm			Northing			I G S L	GETAILED IN SCORE HITE NO. 1331
est Method		Test4 - Incremental Load	ing Test		evel (mOD)			
echnician	Sean Hannon			Sample F				
uthorised by	4 Byon			Depth	0.00	m bgl		
ate	6/9/19							
0	20	40	60	80	100	120	140	160
0.00		_						
-0.20								
- l								
-0.40 -0.60 -0.60 -0.80 -0.80	_							
5 , , ,								
-0.60			,			7		
<u> </u>								
B -0.80								
گر -1.00								
-1.00								
-1.20								
1.20								•
-1.40			F	ressure (kN/m2)				
adient at 1.25	mm settlement intersec	tion = 121						
dulus of subgr	ade reaction = 78 MPa/r	m	Equi	valent CBR value in acco	rdance with NRA HD2!	5-26/10	18.2 %	
rection factor	applied = 0.64 as per H	D 25-26/10						

PRCENED. 28/06/20

TEST REPORT SHE	ET (F3.1)			Applied P	ressure/Settler	ment Curve		.Χ.
R105276								
				Greyish brown	n gravelly silty clay		(ata)	150 17025
							□ (ﷺ)	IVNAB
							IGSL	TESTING
							Ltd.	QETAILER W SCOPE HITE NO. 1231
	Test4 - Incremental L	oading Test		Ground Level	(mOD)			
				Sample Ref No				
A Byone				Depth	0.00	m bgl		
6/9/19						'		
			-			•	_	
			Pressure	(kN/m2)			-	
	R105276 PPK3 PBT 6 Load Profile Park 500mm PM 450 mm	R105276 PPK3 PBT 6 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental L Sean Hannon	R105276 PPK3 PBT 6 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 46/9/19	R105276 PPK3 PBT 6 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 46/9/19 Pressure / Settleme	R105276 PPK3 Description of (natural soil, p Profile Park 500mm PM 450 BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon G/9/19 Pressure / Settlement	R105276 PPK3 PBT 6 Load Profile Park 500mm PM 450 BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon Sean Hannon Fressure / Settlement Pressure / Settlement	R105276 PPK3 PBT 6 Load Profile Park 500mm PM 450 BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon Sean Hannon Pressure / Settlement Pressure / Settlement Description of soil under test (natural soil, placed fill, sub-base) Greyish brown gravelly silty clay Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth O.00 m bgl	R105276 PPK3 PBT 6 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon Sean Hannon Pressure / Settlement Pressure / Settlement Pressure / Settlement

RECEINED. 28/06/20

	TEST REPORT SHEET (F3.1)		Applied Pressure/Set	tlement Curve		*
eference No.	R105276					
ontract	PPK3		Description of soil under test			
est No.	PBT 6 ReLoad		(natural soil, placed fill, sub-ba	ase)		
ocation	Profile Park		Greyish brown gravelly silty cl		Colon	
epth	500mm					IVNAB
lient	PM		Easting (m)		(IGSL)	TESTING
ate Diameter:	450 mm		Northing (m)		LM	GETAILED IN SCOTE HITS NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading	រ Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
authorised by Pate	6/9/19		Depth 0.00	m bgl		
0.00	20 40	60 80	100 120	140	160	180
-0.20		_				
夏 ^{-0.40}						
-0.60 - u						
-0.80 -0.80						
-0.60 -0.80 -1.00 -1.00 -						
-0.60 -0.80 -1.20						
-0.80 -1.00 -1.00						

RECEINED. 2000/20

PLATE ⁻	TEST REPORT SHE	ET (F3.1)		Applied	Pressure/Se	ttlement Curve		×
eference No.	R105280	<u> </u>	"					
Contract	PPK3			Description	of soil under test			
est No.	PBT 8 Load			(natural soi	il, placed fill, sub-b	oase)		_
ocation	Profile Park			Brown silty	CLAY		(day	111/
epth	500mm						١ سراي ا	IVNAB
lient	PM			Easting (m)			IGSL	TESTING
late Diameter:	450 mm			Northing (n			I G S L	OFTAILER IN SCOTE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Te	est4 - Incremental Loadi	ing Test	Ground Lev				
echnician	Sean Hannon			Sample Ref				
Authorised by	4 Byon			Depth	0.00	m bgl		
Date	6/9/19							
-0.50								
-1.00			-					
-2.50 -2.50 -3.00 -3.50								
-2.50				•				
-3.00 								
ه _{-3.50}								
-4.00				_				
-4.50							<u> </u>	
-5.00			F	ressure (kN/m2)				
Sandings at 1 25		42						
	mm settlement intersecti ade reaction = 27 MPa/m		Faui	valent CBR value in accorda	ance with NRA HD25	5-26/10	2.9 %	
	applied = 0.64 as per HD		Equi	Talone obli value ili decolul	and marria tibes	, _0, .0	2.5 /0	

PRCENED. 28/06/20

PLATE	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve		×
eference No.	R105280	<u> </u>				
ontract	PPK3		Description of soil under to	est		
est No.	PBT 8 ReLoad		(natural soil, placed fill, sul	b-base)		
ocation	Profile Park		Brown silty CLAY			111/
epth	500mm				\ سراي السراي ا	INAB
lient	PM		Easting (m)		IGSI	TESTING
late Diameter:	450 mm		Northing (m)		\IGSL/	GETAILED IN SCOPE HITE NO. 1231
est Method	BS 1377: Part 9: 1990 Test4 - Incremental I	Loading Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
uthorised by ate	6/9/19		Depth 0.00	m bgl		
0.00	20 40	60	80 100	120	140	160
-0.50						
E -1.00						
-1.00 -1.50 -2.00 -2.00						
-2.00	*					
-2.50						
-3.00		P	ressure (kN/m2)			
	mm settlement intersection = 56 rade reaction = 36 MPa/m		valent CBR value in accordance with NRA HD		4.8 %	

RECEINED. 28/06/20

PLATE ⁻	TEST REPORT SHEET	(F3.1)		App	olied Pressure/Se	ttlement Curve		×
deference No.	R105277	<u> </u>						
Contract	PPK3			Desc	ription of soil under test			
est No.	PBT 10 Load				ral soil, placed fill, sub-b	ase)		_
ocation	Profile Park			Brow	n silty clay		(da)	100 17025
epth epth	500mm						_ /سگ≥/	IVNAB
lient	PM				ng (m)		IGSL	TESTING
late Diameter:	450 mm				ning (m)		I G S L	GENALES IN SCORE HITS NO. 1231
est Method	BS 1377: Part 9: 1990 Test4 -	 Incremental Loading 	Test		nd Level (mOD)			
echnician	Sean Hannon				le Ref No. N/A			
authorised by Pate	6/9/19			Dept	n <u>0.00</u>	m bgl		
			Pressure / Se	ttlement				
0	20	40	60	80	100	120	140	160
0.00								
-1.00								
-1.00								
윤			─ ■					
اع 2.00 ع								
ŧ T	_							
e -3.00								
-2.00 -3.00 -4.00 -4.00						—		
% -4.00								
			-					
-5.00								
-6.00			Pre	essure (kN/m2)				
	mm settlement intersection =	34						
	ade reaction = 22 MPa/m		Equiva	llent CBR value in a	accordance with NRA HD25	-26/10	2.0 %	
rection factor	applied = 0.64 as per HD 25-	26/10						

RECEILED. 28/06/20

PLATE T	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve		×
eference No.	R105277	"	' '			
ontract	PPK3		Description of soil under to	est		
est No.	PBT 10 Reload		(natural soil, placed fill, su	b-base)		_
ocation	Profile Park		Brown silty clay		(cha)	MV 80.1700
epth	500mm				\ \(\lambda \lambda \lambda \rangle \)	IVNAB
lient	PM		Easting (m)		IGSL	TESTING
late Diameter:	450 mm		Northing (m)		\I GS L	GETAILER IN SCORE HTT; NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loadi	ng Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
Authorised by Date	06/09/2019		Depth 0.00	m bgl		
0	20 40	Pressure / So	ettlement 80 100	120	140	160
0.00					1	
-0.50	-					
<u> </u>						
逼 -1.00 十		<u> </u>				
는 날 -1.50						
-1.30						
-1.00 -1.50 -2.00 -2.00						
# -:-						
مر -2.50	1					
2.00					_	
-3.00						
-3.50 ↓		Pr	ressure (kN/m2)			
adient at 1.25	mm settlement intersection = 46					
	ade reaction = 30 MPa/m	Equiv	alent CBR value in accordance with NRA HD	025-26/10	3.4 %	
rection factor	applied = 0.64 as per HD 25-26/10					

PRCEINED. 28/06/20

PLATE 7	TEST REPORT SHEET (F3.1)		Applied Pressure	/Settlement Curve		X
eference No.	R105281					
Contract	PPK3		Description of soil unde	r test		
est No.	PBT 12 Load		(natural soil, placed fill,			_
ocation	Profile Park		Blackish brown silty clay	у		100 1702
epth	500mm				(~~\\	IVNAB
lient	PM		Easting (m)		\IGSL/	TESTING
late Diameter:	450 mm		Northing (m)		Ltd.	GETALLED IN SCOTE HTG NO. 1231
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loadir	ng Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A	······		
Authorised by Date	6/9/19		Depth 0.00	m bgl		
0.00	20 40	60	80 100	120	140	160
-0.50						
-1.00						
量 -1.50 						
-2.50 -2.50 -2.50 -3.00 -3.00						
-2.50			1			
-3.50						
-4.00						
-4.50		Pi	ressure (kN/m2)			
	mm settlement intersection = 39	Facility	plant CPD value in accordance with NDA	UD25 26/10	2604	
	ade reaction = 25 MPa/m applied = 0.64 as per HD 25-26/10	Equiv	alent CBR value in accordance with NRA	. HD25-26/10	2.6 %	

PRICEINED. 28/06/20

TEST REPORT SHEET (F3.1)	Applied Pressure/S	Settlement Curve		×
R105281	"				
PPK3		Description of soil under t	est		
PBT 12 Reload		(natural soil, placed fill, su	b-base)		
Profile Park		Blackish brown silty clay			
500mm				<u> </u>	IVNAB
PM		Easting (m)		IGSI	Y ACCREDITED TESTING
450 mm		Northing (m)		Ltd.	GETAILER IN SCOPE HITE NO. 1331
	ental Loading Test	Ground Level (mOD)			
(10/10)		Depth <u>0.00</u>	m bgl		
	Pressure / Se	ettlement			
20 40	60	80 100	120	140	160
	<u> </u>	<u> </u>			
	_				
			—		
				_	
				_	
					
	_	essure (kN/m2)			
	R105281 PPK3 PBT 12 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Increme Sean Hannon	R105281 PPK3 PBT 12 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 4444 6/9/19 Pressure / Se	R105281 PPK3 PBT 12 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon G/9/19 Pressure / Settlement	R105281 PPK3 PBT 12 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon G/9/19 Pressure / Settlement Description of soil under test (natural soil, placed fill, sub-base) Blackish brown silty clay Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00 m bgl	R105281 PPK3 PBT 12 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon Sean Hannon G/9/19 Pressure / Settlement Pressure / Settlement

PRCENED. 28/06/20

PLATE 1	EST REPORT SHEET	(F3.1)		Ар	plied Pressure/Se	ettlement Curve	!	×
Reference No. Contract Test No. Location Depth Client Plate Diameter: Test Method Technician Authorised by Date	R105278 PPK3 PBT 14 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 Sean Hannon) Test	(nat MG - East Nort Grou	cription of soil under tesural soil, placed fill, sub- Grey brown CLAY ing (m) hing (m) und Level (mOD) ple Ref No. N/A th 0.00		IGSL	IV NAB NABB NABB TESTAG STAGE STAGE STAGES	
			Pressure /	Settlement				
0.00	20	40	60	80	100	120	140	160
-1.00								
-2.00								
-2.00 -3.00 -3.00 -5.00 -5.00								
-5.00	•							
-6.00 -7.00								
-8.00				Pressure (kN/m2)				
Modulus of subgra	mm settlement intersection ade reaction = 22 MPa/m applied = 0.64 as per HD 25		Equ	ivalent CBR value in	accordance with NRA HD2	25-26/10	2.1 %	

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	TEST REPORT SHEET (F3.1)		Applied	Pressure/Set	tlement Curve		×
eference No.	R105278	11					
Contract	PPK3		Description	of soil under test			
est No.	PBT 14 ReLoad		(natural soi	l, placed fill, sub-b	ase)		
ocation	Profile Park		MG - Grey b	rown CLAY			
epth	500mm					\ \(\lambda \lambda \lambda \rangle \)	IVNAB
lient	PM		Easting (m)			IGSL	TESTING
late Diameter:	450 mm		Northing (m			IGSL/	GETAILER IN SCOPE HIGH NO. 1351
est Method	BS 1377: Part 9: 1990 Test4 - Incremen	tal Loading Test	Ground Lev				
echnician	Sean Hannon		Sample Ref		······		
uthorised by	4 Byon		Depth	0.00	m bgl		
ate	6/9/19						
0.00	20 40	60	80	100	120	140	160
0.00							
-0.50							
-1.00							
	_						
			•				
-2.50 -2.50 -2.50							
-2.50 -2.50 -3.50 -3.50							
-1.50 -2.00 -2.50 -3.00 -3.50 -4.00							
-2.50 -2.50 -3.50 -3.50			Pressure (kN/m2)				

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PLATE	TEST REPORT SHEET	(F3.1)		Appli	ed Pressure/Se	ttlement Curve		×
eference No.	R105284	, ,						
ontract	PPK3			Descript	ion of soil under test	t		
est No.	PBT 16 Load			(natural	soil, placed fill, sub-l	oase)		_
ocation	Profile Park			Brown s	ilty clay		(aba)	MV 1905
epth	500mm						\ \(\lambda \(\lambda \)	IVNAB
lient	PM			Easting			\IGSL/	TEST NG
ate Diameter:	450 mm			Northing			Ltd.	GETATION W SCORE HTTL NO. 1331
est Method	BS 1377: Part 9: 1990 Test4	 Incremental Loadin 	g Test		Level (mOD)			
echnician	Sean Hannon			Sample				
uthorised by	4 Byon			Depth	0.00	m bgl		
ate	6/9/19							
0	20	40	Pressure /	80	100	120	140	160
0.00					100	120	1.10	
-0.50								
ਵੇ -1.00 								
!			7					
·1.50								
-1.00 -1.50 -2.00 -2.00								
<u>호</u> -2.00 는						_		
Š 150								
-2.50								
-3.00			<u> </u>					
-3.00								
-3.50				Pressure (kN/m2)				
3.30								
radient at 1.25	mm settlement intersection =	= 57						
	rade reaction = 37 MPa/m		Equ	ivalent CBR value in acc	ordance with NRA HD25	5-26/10	4.9 %	
rrection factor	r applied = 0.64 as per HD 25	-26/10						

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PLATE	TEST REPORT SHEET	(F3.1)		Applie	d Pressure/Se	ttlement Curve		.*
eference No.	R105284	<u> </u>						
ontract	PPK3			Description	on of soil under test			
est No.	PBT 16 Reload				oil, placed fill, sub-b	oase)		
ocation	Profile Park			Brown sil	ty clay		Cata	150 17925
epth	500mm PM						(~~\	INAB
ient				Easting (\IGSL/	TESTING
ate Diameter:	450 mm			Northing			Ltd.	Secure W SCORE HIG NO.1339
est Method	BS 1377: Part 9: 1990 Test4	 Incremental Loadir 	ng Test		evel (mOD)			
echnician	Sean Hannon			Sample R				
uthorised by	A Byon			Depth	0.00	m bgl		
ate	6/9/19							
0.00	20	40	60	80	100	120	140	160
-0.50								
	<u> </u>							
-1.00 								
-1.00 -1.50 -1.50 -1.50								
				-				
ੇ -1.50 -1.50	1					- L		
ñ								
-2.00								
-2.00								
-2.50			P	ressure (kN/m2)				
	mm settlement intersection	= 69						
	rade reaction = 44 MPa/m		Equiv	alent CBR value in accor	dance with NRA HD25	-26/10	6.8 %	
rection factor	r applied = 0.64 as per HD 25	-26/10						

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PLATE 7	TEST REPORT SHEET (F3.1)		App	lied Pressure/Set	ttlement Curve		×
Reference No.	R105279						
Contract	PPK3		Descr	iption of soil under test			
est No.	PBT 18 Load		(natu	ral soil, placed fill, sub-b	ase)		_
ocation	Profile Park		Brown	silty CLAY		(day	100 17025
epth	500mm					_ (INAB
lient	PM		Eastir			\IGSL/	TESTING
late Diameter:	450 mm			ing (m)		IGSL/	OF HALLES IN SCORE HITS NO. 1231
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading	g Test		d Level (mOD)			
echnician	Sean Hannon			le Ref No. N/A			
outhorised by Date	6/9/19		Depth	0.00	m bgl		
		Pressure / Set	tlement				
0.00	20 40	60	80	100	120	140	160
0.00							
-0.50							
윤							
ق -1.00 							
-1.50 -1.50 -2.00 -2.00							
-2.00 - Settle							
-2.50		-					
-3.00		Pre	ssure (kN/m2)				
radient at 1.25	mm settlement intersection = 59 rade reaction = 38 MPa/m	Fautivale	ent CRP value in a	ccordance with NRA HD25	-26/10	5.3 %	·
	applied = 0.64 as per HD 25-26/10	Equivale	THE CON VALUE III A	CCOIDANCE WITH NICK FID23	-20/10	3.3 70	

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PLATE 1	TEST REPORT SHEET (F3.1)		Applied P	ressure/Set	ttlement Curve		×
Reference No. Contract Test No. Location Depth Client	R105279 PPK3 PBT 18 ReLoad Profile Park 500mm PM		Description o (natural soil, Brown silty Cl Easting (m)	f soil under test placed fill, sub-b		I G S L	No 17002 IVAB Nobel 1753 No
Plate Diameter: Test Method Technician Authorised by Date	BS 1377: Part 9: 1990 Test4 - Incremental Loa Sean Hannon 6/9/19	ding Test	Northing (m) Ground Level Sample Ref N Depth		m bgl	Ltd.	
0	20 40	Pressure / S	ettlement 80	100	120	140	160
0.00							
Settlement (mm) -0.60 -0.80 -1.00							
-1.20							
-1.40		P	ressure (kN/m2)				
Modulus of subgra	mm settlement intersection = 97 ade reaction = 62 MPa/m applied = 0.64 as per HD 25-26/10	Equiv	valent CBR value in accordanc	ce with NRA HD25	-26/10	12.4 %	

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PLATE 7	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve		×
eference No.	R105304					
ontract	PPK3		Description of soil under to	est		
est No.	PBT 39 Load		(natural soil, placed fill, su	b-base)		_
ocation	Profile Park		Brown gravelly clay		Colon	MV 17025
epth	500mm				<u> </u>	INAB
lient	PM		Easting (m)		IGSI	TESTING
late Diameter:	450 mm		Northing (m)		\I GS L	GETAILER IN SCORE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loadin	ng Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
authorised by Pate	12/9/19		Depth <u>0.00</u>	m bgl		
		Pressure / Set				
0	20 40	60	80 100	120	140	160
0.00						
-0.50						
		<u></u>				
퉅		- T				
-1.00						
E						
-1.00 -1.50 -1.50						
夏 -1.50 						
ഗ്						
-2.00						
-2.00						
		_			_	
-2.50		Pre	ssure (kN/m2)			
adient at 1.25	mm settlement intersection = 73					
	rade reaction = 47 MPa/m	Equiva	lent CBR value in accordance with NRA HE	25-26/10	7.7 %	
	applied = 0.64 as per HD 25-26/10	'				

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R105304	EET (F3.1)		Applied	Pressure/Se	ttlement Curve		~
K 10330 T		31					
PPK3			Description	n of soil under test	t		
PBT 39 Reload			(natural so	oil, placed fill, sub-b	oase)		
Profile Park			Brown grav	velly clay			
500mm						\ سُرِاتِ ا	IVNAB
PM						IGSI	Y ACCREDITED TESTING
450 mm						Ltd. L	GETAILED IN SCOPE HTG NO. 1331
	Test4 - Incremental Load	ding Test					
4 Byone			Depth	0.00	m bgl		
12/9/19							
20	40	60 Pressure 7 S	80	100	120	140	160
	_						
$\overline{}$		- 1					
				7 ====			
		Pi	essure (kN/m2)			—	
				I		<u> </u>	
	PBT 39 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Sean Hannon	PBT 39 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loa Sean Hannon 12/9/19	PBT 39 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 12/9/19 Pressure / Se	PBT 39 Reload Construct Construct	PBT 39 Reload Profile Park Brown gravelly clay Brown gravelly clay	PBT 39 Reload Profile Park So0mm FM Easting (m) Northing (m) Sample Ref No. N/A Depth 0.00 m bg Depth 0.00 m bg Depth 0.00 m bg Depth Depth	PBT 39 Reload Profile Park SoOmm PM 450 mm Sean Hannon Sean Hannon Pressure / Settlement Sean Hannon Sean Hannon Pressure / Settlement Sean Hannon Sean Hann

PRCENED. 2806/20

PLATE	TEST REPORT SHEE	T (F3.1)		Applied	d Pressure/Se	ttlement Curve		×
eference No.	R105294	· · · · · · · · · · · · · · · · · · ·	1					
ontract	PPK3				on of soil under tes			
est No.	PBT 44 Load				oil, placed fill, sub-	base)		
ocation	Profile Park			Brown gra	avelly silty clay		Cata	150 17025
epth	500mm						(~~\\	IVNAB
lient	PM			Easting (r			(IGSL)	TESTING
ate Diameter:	450 mm			Northing			Ltd.	W SCOLE HAR NO 1334
est Method	BS 1377: Part 9: 1990 Tes	t4 - Incremental Load	ling Test		evel (mOD)		_	
echnician	Sean Hannon			Sample Re				
uthorised by ate	11/9/19			Depth	0.00	m bgl		
116	11/9/19							
0	20	40	60	80	100	120	140	160
0.00	_							
-0.50	The state of the s							
e -1.00								
-1.50								
-1.50 -1.50 -2.00 -2.50								
-2.50								
-3.00								
-3.50		-						
-4.00				ressure (kN/m2)			—	
endiant at 1 25	mm settlement intersectio	n FO						
	rade reaction = 32 MPa/m	11 = 30	Faui	valent CBR value in accor	dance with NRA HD2	5-26/10	4.0 %	
			Lqu	05			70	

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PLATE 1	TEST REPORT SHEET (F3.1)		Applie	d Pressure/Se	ttlement Curve		**
Reference No. Contract Test No. Location Depth Client Plate Diameter: Test Method Technician Authorised by Date	R105294 PPK3 PBT 44 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4- Sean Hannon	Incremental Loading	Test	(natural Brown gr Easting (Northing	(m) evel (mOD)		IGSL	I N ABB COMBET TESTANO STANION ACCORDING TO THE STANION
0 0.00 -0.20 -0.40 -0.60 -1.00 -1.20 -1.40 -1.60 -1.60	20	40	Pressure / S	Settlement 80	100	120	140	160
-1.80 -2.00			F	Pressure (kN/m2)			_	
Modulus of subgra	mm settlement intersection = 8 ade reaction = 52 MPa/m applied = 0.64 as per HD 25-2		Equi	valent CBR value in acco	rdance with NRA HD25	5-26/10	9.2 %	

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PLATE 7	TEST REPORT SHEET (F3.1)	Applied F	Pressure/Settlement Curve	` X
eference No.	R105302			
Contract	PPK3	Description of	of soil under test	
est No.	PBT 46 Load	(natural soil,	placed fill, sub-base)	
ocation	Profile Park	Brown gravel	lly clay	
epth	500mm			IVNAB
lient	PM	Easting (m)		I G S I
late Diameter:	450 mm	Northing (m)		LIGS L
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading			
echnician	Sean Hannon	Sample Ref N		
Authorised by Date	12/9/19	Depth	0.00 m bgl	
		Pressure / Settlement		
0	20 40	60 80	100	120 140
0.00				
-0.20				
	1			
-0.40				
E -0.60				
5				
t -0.80		1		
Ē -1 00 ⊥			` n .	
-0.40 -0.60 -1.20				
% -1.20 				
-1.40				
1.70	-	_		
-1.60		-		
-1.80		Pressure (kN/m2)		
-1.00				
radient at 1.25	mm settlement intersection = 79			
	rade reaction = 51 MPa/m	Equivalent CBR value in accordan	co with NPA HD25 26/10	8.7 %
aulus ot subar	aue reaction = 31 Mra/III			

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PLATE 1	TEST REPORT SHEET (F3.1)		Applied Pressure/Set	tlement Curve	X
Reference No. Contract Fest No. Location Depth Client Plate Diameter: Fest Method Fechnician Authorised by	R105302 PPK3 PBT 46 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Sean Hannon) Test	Description of soil under test (natural soil, placed fill, sub-b. Brown gravelly clay Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00		GSL JULIO 11 CONT PRINCE (U.S.)
Date	12/9/19	Pressure / Settl			
0.00	50	100	150	200	250
-0.20					
-0.40 g -0.60					
Settlement (mm) 08.0- 08.0-	•				
-1.00				·	
-1.40		Press	sure (kN/m2)	•	
lodulus of subgra	mm settlement intersection = 162 ade reaction = 104 MPa/m applied = 0.64 as per HD 25-26/10	Equivaler	nt CBR value in accordance with NRA HD25-	26/10	30.4 %

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PLATE 7	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve		×
eference No.	R105293	1	' '			
ontract	PPK3		Description of soil under t	est		
est No.	PBT 48 Load		(natural soil, placed fill, su	ıb-base)		
ocation	Profile Park		MG- very gravelly clay			
epth	500mm				\ سُرِالِي اللهِ الله	IVNAB
ient	PM		Easting (m)		(IGSL)	TESTING
ate Diameter:	450 mm		Northing (m)		Ltd.	GETAILED IN SCOTE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Load	ding Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
uthorised by	11/9/19		Depth <u>0.00</u>	m bgl		
ate	11/9/19					
0	20 40	60	80 100	120	140	160
0.00						
-0.20						
-0.20		•				
-0.40			_			
E -0.70						
-0.60			1			
-0.40 (mm) -0.60 -0.80 -0.80				_		
-0.80						
-1.00			-			
						
-1.20	-				·	
-1.40		Pr	essure (kN/m2)			
	mm settlement intersection = 115					
	ade reaction = 74 MPa/m	Equiv	alent CBR value in accordance with NRA H	D25-26/10	16.8 %	
rection factor	applied = 0.64 as per HD 25-26/10					

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PLATE 1	EST REPORT SH	EET (F3.1)			Applied F	Pressure/Settle	ement Curve		, X
Reference No. Contract Test No. Location Depth Client Plate Diameter: Test Method Technician Authorised by Date	R105293 PPK3 PBT 48 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Sean Hannon	Test4 - Incremental	Loading Test			(mOD)) m bgl	I G S L	IV ABOUT A STATE OF THE STATE O
				Pressure / Settl	ement				
0.00	50	100	150	200	250	300	350	400	450
-0.20									
E -0.40	-								
Settlement (mm) -0.40 -0.60 -0.80									
-0.60 									
-0.80 									
Set									
-1.00									
-1.20									•
-1.40				Press	sure (kN/m2)				
Gradient at 1.25 Modulus of subgra	mm settlement interse ade reaction = 216 MPa applied = 0.64 as per F	a/m		Equivaler	rt CBR value in accordan	ce with NRA HD25-26/	110	107.3 %	

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R105305)			Applied Pre	essure/Set	tlement C	urve		•
PK3					Description of s	soil under test				
PBT 49 Load							se)			
Profile Park					Grey coarse gra	avelly clay			(de	MV
⁷ 00mm									ا نسر الشخير	IVNAB
PM					Easting (m)				IGSI	TEST ING
150 mr	n				Northing (m)				Ltd.	GETAILED IN SCOPE HITE NO. 1331
	0 Test4 - Increme	ntal Loading Tes	st .						\smile	
					Depth	0.00	m bgl			
12/9/19										
		•			75	,			100	200
				_						
	-		-							
				Pressure (l	kN/m2)					•
	Profile Park 700mm PM 450 mr	Profile Park 700mm PM 450 mm 8S 1377: Part 9: 1990 Test4 - Increme Sean Hannon 12/9/19	Profile Park 700mm PM 450 mm 8S 1377: Part 9: 1990 Test4 - Incremental Loading Tes isean Hannon 12/9/19	Profile Park 700mm PM 450 mm 85 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 44 24 24 279/19 Pressure	Profile Park 700mm PM 450 mm 85 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 12/9/19 Pressure / Settlemen	Profile Park 700mm PM 450 mm SS 1377: Part 9: 1990 Test4 - Incremental Loading Test Ground Level (is Sample Ref No. Depth Pressure / Settlement	Profile Park 700mm PM 450 mm SS 1377: Part 9: 1990 Test4 - Incremental Loading Test Ground Level (mOD) Sample Ref No. N/A Depth 0.00 Pressure / Settlement	Profile Park 700mm PM 450 mm SS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon Physical Park Grey coarse gravelly clay Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00 m bgl Pressure / Settlement	Profile Park 700mm PM 450 mm SS 1377: Part 9: 1990 Test4 - Incremental Loading Test Ground Level (mOD) Sample Ref No. N/A Depth 0.00 m bgl Pressure / Settlement	Profile Park 700mm PM 450 mm SS 1377: Part 9: 1990 Test4 - Incremental Loading Test Ground Level (mOD) Sample Ref No. N/A Depth 0.00 m bgl Pressure / Settlement

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PLATE T	TEST REPORT SHEET (F3.1)		Applied Pressu	re/Settlement Cun	/e	.*
Reference No. Contract Test No. Location Depth Client Plate Diameter: Test Method Technician Authorised by Date	R105305 PPK3 PBT 49 Reload Profile Park 700mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Sean Hannon 12/9/19	g Test	Description of soil ur (natural soil, placed of Grey coarse gravelly Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/Depth 0.0.	fill, sub-base) clay	IGSL	IVN DE LOCALITA DE
0	50 100	Pressure / Settle	ment 200	250	300	350
-0.20						
Settlement (mm) -0.40 -0.80 -0.80 -0.80						
-1.00 -1.00						
-1.20		Pressu	ire (kN/m2)		~~	
Modulus of subgra	mm settlement intersection = 255 ade reaction = 164 MPa/m applied = 0.64 as per HD 25-26/10	Equivalent	CBR value in accordance with N	IRA HD25-26/10	66.3 %	

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PLATE '	TEST REPORT SHEET (F3.1)		Applied Pressur	e/Settlement Curve		×
eference No.	R105303		'-			
ontract	PPK3		Description of soil und	der test		
est No.	PBT 51 Load		(natural soil, placed fil	ll, sub-base)		
ocation	Profile Park		Brown gravelly clay			
epth	500mm				السرائي ا	IVNAB
ient	PM		Easting (m)		(IGSL)	V ACORDITION TESTING
ate Diameter:	450 mm		Northing (m)		Ltd.	GETAILER IN SCORE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loadin	ng Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
authorised by	4 Eyan		Depth <u>0.0</u>	<u>0</u> m bgl		
ate	12/9/19					
		Pressure / Se			4.40	
0 0.00 =	20 40	60	80 100	120	140	160
0.00						
-0.50						
0.50						
⊋ -1.00 —		·				
E			~ _			
) H -1.50			_			
-1.00 -1.50 -2.00 -2.00						
<u>5</u> -2.00				_		
ŧ ·				-		
رة _{-2.50}						
	-					
-3.00						
			1			
-3.50 ⊥		Pr	essure (kN/m2)			
	mm settlement intersection = 61	<u> </u>				
	rade reaction = 39 MPa/m	Equiv	alent CBR value in accordance with NR	RA HD25-26/10	5.5 %	
rrection factor	applied = 0.64 as per HD 25-26/10					

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PLATE 7	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve		×
eference No.	R105303		''			
Contract	PPK3		Description of soil under t	est		
est No.	PBT 51 Reload		(natural soil, placed fill, su	b-base)		
ocation	Profile Park		Brown gravelly clay			MV NO. YOU
epth	500mm				\ سُرِاتِ اللهِ	IVNAB
lient	PM		Easting (m)		(IGSL)	TESTING
late Diameter:	450 mm		Northing (m)		Ltd.	GETAILED IN SCOTE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loa	ading Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
Authorised by Date	12/9/19		Depth <u>0.00</u>	m bgl		
0	20 40	Pressure / Se	80 100	120	140	160
0.00						
-0.20		_				
⊋ -0.40 —						
-0.40 -0.60 -0.80 -1.00						
-0.80						
-1.00						
ري 1.20 –	•					
-1.40						
-1.60		Pr	essure (kN/m2)		_	
radient at 1.25	mm settlement intersection = 108					
odulus of subgr	ade reaction = 70 MPa/m	Equiv	alent CBR value in accordance with NRA HI	025-26/10	15.0 %	
	age reaction = 70 MPa/m applied = 0.64 as per HD 25-26/10	Equiv	alerit CBK value in accordance with NRA HI	J25-20/ IU	15.0 %	

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PLAIE	Test report shee	T (F3.1)		Applied Pressu	re/Settlement Curve		*
ference No.	R105295	<u> </u>		' '			
ntract	PPK3			Description of soil un	der test		
st No.	PBT 56 Load			(natural soil, placed f	ll, sub-base)		_
cation	Profile Park			Brown silty clay		(da)	111/
pth	500mm					(\	INAB
ent	PM			Easting (m)		(IGSL)	TESTING
te Diameter:	450 mm			Northing (m)		Ltd.	QETAILED IN SCORE HITE NO. 1331
st Method	BS 1377: Part 9: 1990 Te	st4 - Incremental Loa	ding Test	Ground Level (mOD)			
chnician	Sean Hannon			Sample Ref No. N/			
thorised by	4 Byen			Depth 0.0	<u>0</u> m bgl		
te	11/9/19						
0	20	40	Pressure / Se	ttlement 80 100	120	140	160
0.00							
		_					
-0.50							
<u> </u>			-				
-1.50							
-1.00							
<u> </u>					<u> </u>		
-1.50							
ן ייי ק							
'							
-2.00			_				
			D	100 (IA) (m2)			
-2.50			Pre	essure (kN/m2)			
	mm settlement intersection ade reaction = 53 MPa/m	on = 83		ent CBR value in accordance with N		9.4 %	

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PLATE	TEST REPORT SHEET (F3.1)		Applied Pressure/Set	ttlement Curve	×
eference No.	R105295				
ontract	PPK3		Description of soil under test		
est No.	PBT 56 Reload		(natural soil, placed fill, sub-b	ase)	_
ocation	Profile Park		Brown silty clay		
epth	500mm			/ / <	F NAB
lient	PM		Easting (m)	(7	C C T TESTING
ate Diameter:	450 mm		Northing (m)	\\1	GSL
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading	g Test	Ground Level (mOD)		
echnician	Sean Hannon	Y	Sample Ref No. N/A		
authorised by Pate	11/9/19		Depth 0.00	m bgl	
		Pressure / Settl	ement		
0	50	100	150	200	250
0.00					
-0.20					
	`				
ੰ -0.40 					
ይ ∣					
겉 -0.60 누			_		
Ē	-				
Settlement (mm) -0.40 -0.60 -0.80 -0.80					
₹					
د -1.00					
				<u>-</u>	
-1.20					
					'■
-1.40		Press	sure (kN/m2)		
radient at 1.25	mm settlement intersection = 177				
dulus of sub-	rade reaction = 114 MPa/m	F 1	nt CBR value in accordance with NRA HD25	20/10	35.3 %

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TEST REPORT SHEET	(F3.1)		Ap	plied Pressure/Se	ettlement Curve	!	×
R105296				•			
PPK3			Des	cription of soil under tes	t		
PBT 60 Load			(na	tural soil, placed fill, sub-	base)		
Profile Park							
500mm						(m. 1)	IVNAB
PM						IGSI	V ACCIDITION TESTING
450 mm			Nor	thing (m)		LIM.	GETAILER IN SCOTE HITE NO. 1331
BS 1377: Part 9: 1990 Test4	- Incremental Load	ding Test	Gro	und Level (mOD)			
Sean Cunningham			San				
11/9/19			Dep	oth 0.00	m bgl		
20	40	60	80	100	120	140	160
		~					
				-			
			Pressure (kN/m2)		-	
	R105296 PPK3 PBT 60 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 Sean Cunningham	R105296 PPK3 PBT 60 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loa Sean Cunningham	R105296 PPK3 PBT 60 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Cunningham 11/9/19 Pressure /	R105296 PPK3 PBT 60 Load Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Cunningham Dep 11/9/19 Pressure / Settlement 20 40 60 80	R105296 PPK3 Description of soil under test (natural soil, placed fill, sub-Brown silty clay Brown silty clay Contact Co	Description of soil under test (natural soil, placed fill, sub-base)	Description of soil under test (natural soil, placed fill, sub-base)

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PLATE '	TEST REPORT SHEET (F3.1)		Applied Pressure/Settlement (Curve
eference No.	R105296			
Contract	PPK3		Description of soil under test	
est No.	PBT 60 Reload		(natural soil, placed fill, sub-base)	_
ocation	Profile Park		Brown silty clay	
epth	500mm			I NAB
lient	PM		Easting (m)	T.C. C. T. TESTING
late Diameter:	450 mm		Northing (m)	I G S L
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loadin	g Test	Ground Level (mOD)	
echnician	Sean Cunningham		Sample Ref No. N/A	
authorised by Pate	11/9/19		Depth 0.00 m bgl	
		Pressure / Sett	lement	
0	50	100	150 200	250 300
0.00				
-0.20				
~	1			
و -0.40				
5				
Settlement (mm) -0.40 -0.60 -0.80			`~_	
Ĕ				
# -0.80				
Set				
-1.00				
-1.20				
		Proc	sure (kN/m2)	_
-1.40 ┴		ries	MIC (NIV IIIE)	
	mm settlement intersection = 221			
radiant at 1 75				
	rade reaction = 142 MPa/m	Earthrola	nt CBR value in accordance with NRA HD25-26/10	52.0 %

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PLATE ⁻	TEST REPORT SHEET	(F3.1)		Applied Pressure/	Settlement Curve		X
eference No.	R105291			'			
Contract	PPK3			Description of soil under	test		
est No.	PBT 65 Load			(natural soil, placed fill, su	ub-base)		
ocation	Profile Park			Brown silty clay			MV
epth	500mm					\ سُرِاتِ اللهِ	IVNAB
lient	PM			Easting (m)		(IGSL)	TESTING
late Diameter:	450 mm			Northing (m)		Ltd.	GETAILED IN SCOPE HITS NO. 1231
est Method	BS 1377: Part 9: 1990 Test	l - Incremental Loadir	ng Test	Ground Level (mOD)			
echnician	Sean Hannon			Sample Ref No. N/A			
outhorised by Date	09/09/2019			Depth 0.00	m bgl		
			Pressure / Se				
0	20	40	60	80 100	120	140	160
0.00							
-0.50							
<u> </u>			·				
-1.00 -1.50 -1.50 -2.00							
<u> </u>							
-1.50							
E -1.30							
뒫					•		
% -2.00		—					
-2.50							
-3.00			Pr	essure (kN/m2)			
3.00							-
adient at 1.25	mm settlement intersection	= 73					
	rade reaction = 47 MPa/m	. •	Equiv	alent CBR value in accordance with NRA H	D25-26/10	7.5 %	
	applied = 0.64 as per HD 25	5-26/10	=qu.·				

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REPORT SHEET 5291 65 Reload 6 Park nm				Description of soil unde (natural soil, placed fill,			
65 Reload le Park							
le Park				(natural soil, placed fill,	sub-base)		
			J.		/		
nm				Brown silty clay			MV 150 1700
						\ نسر∰ ﷺ \	IVNAB
				Easting (m)		IGSI	TESTING
mm				Northing (m)		\I G S L	GETAILED IN SCORE HITE NO. 1.231
377: Part 9: 1990 Test4	- Incremental Loadi	ng Test		Ground Level (mOD)			
Hannon				Sample Ref No. N/A			
0/19			I	Depth <u>0.00</u>	m bgl		
20	40	60	80	100	120	140	160
7.26	•						
		-					

			-				
							<u> </u>
			Pressure (kN/	m2)			
	3/19)/19)/19 Pressure /	Pressure / Settlement 20 40 60 80	Depth 0.00 Pressure / Settlement	Pressure / Settlement 20 40 60 80 100 120	Pressure / Settlement 20 40 60 80 100 120 140

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PLATE	TEST REPORT SHEET (F3.1)		Applied Pressure/	Settlement Curve		×
eference No.	R105292					
ontract	PPK3		Description of soil under	test		
est No.	PBT 70 Load		(natural soil, placed fill, su	ub-base)		
ocation	Profile Park		Brown silty CLAY			MV NO. YOU
epth	500mm				√شرایش /	IVNAB
lient	PM		Easting (m)		(IGSL)	TESTING
ate Diameter:	450 mm		Northing (m)		Ltd.	GETAILED IN SCOPE HITS NO. 1.231
est Method	BS 1377: Part 9: 1990 Test4 - Incremental L	oading Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
uthorised by ate	10/9/19		Depth <u>0.00</u>	m bgl		
0.00	20 40	60	80 100	120	140	160
-0.50 E						
-1.00 -1.50 -1.50			-			
-1.50 -1.50				•		
-2.00	•					
-2.50		P	ressure (kN/m2)			
	mm settlement intersection = 72 rade reaction = 46 MPa/m		valent CBR value in accordance with NRA H		7.4 %	

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PLATE 7	TEST REPORT SHEET (F3.1)		Applied	l Pressure/Settlei	ment Curve		X
eference No.	R105292						
Contract	PPK3		Descriptio	n of soil under test			
est No.	PBT 70 Reload		(natural so	oil, placed fill, sub-base)			
ocation	Profile Park		Brown silty	y CLAY			
epth	500mm					\ أسرالين \	IVNAB
lient	PM		Easting (m			IGSI	Y ACCREDITED TESTING
late Diameter:	450 mm		Northing (\IGSL/	GETAILER IN SCOPE HITE NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Lo	ading Test	Ground Le				
echnician	Sean Hannon		Sample Re				
outhorised by Date	10/9/19		Depth	0.00	m bgl		
		Pressure /	Settlement				
0	20 40	60 8	30 100	120	140	160	180
0.00							
-0.20							
? -0.40		1					
ב		`-\					
± -0.60			_				
<u> </u>			* ~ ~ _				
-0.40 (mm) -0.60 -0.80 -0.80							
t l							
-1.00							
-1.20					1	~_	
						_ ■	
-1.40			Pressure (kN/m2)				
adient at 1.25	mm settlement intersection = 125						
	rade reaction = 81 MPa/m	Equ	ivalent CBR value in accord	lance with NRA HD25-26/1	0	19.4 %	
rection factor	applied = 0.64 as per HD 25-26/10						

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PLATE 7	TEST REPORT SHEE	T (F3.1)		Applied	Pressure/Se	ttlement Curve		×
eference No.	R105287	•						
Contract	PPK3			Description	n of soil under test	:		
est No.	PBT 75 load				il, placed fill, sub-l	oase)		_
ocation	Profile Park			MG brown	gravelly silty clay		(day	1111/
epth	500mm						(<u>~</u>)	IVNAB
lient	PM			Easting (m			IGSL	TESTING
late Diameter:	450 mm			Northing (r			I G S L	QETAILER IN SCORE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Tes	t4 - Incremental Loadir	ng Test	Ground Lev				
echnician	Sean Hannon			Sample Ref				
Authorised by Date	09/09/2019			Depth	0.00	m bgl		
			Pressure / S					
0	20	40	60	80	100	120	140	160
0.00								
-1.00								
-2.00	_							
₹ -3.00								
崔 -4.00								
-3.00 -4.00 -5.00 -6.00				1				
-6.00 -						_		
-7.00		_						
-8.00								
-9.00			Pr	ressure (kN/m2)				
radient at 1.25	mm settlement intersectio	n = 23						
	ade reaction = 15 MPa/m applied = 0.64 as per HD 2		Equiv	alent CBR value in accord	ance with NRA HD25	5-26/10	1.0 %	

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\ \	TEST REPORT SHEET (F3.1)		Applied F	Pressure/Set	ttlement Curve		^
Reference No.	R105287						
Contract	PPK3		Description of	of soil under test			
est No.	PBT 75 Reload			placed fill, sub-b	ase)		
ocation	Profile Park		MG brown gr	avelly silty clay		Cata	150 17925
Depth	500mm					(~~\\	IVNAB
Client	PM		Easting (m)			I G S L	TESTING
Plate Diameter:	450 mm		Northing (m)			Ltd.	GETALLED IN SCORE HITH NO. 1231
Test Method	BS 1377: Part 9: 1990 Test4 - Incrementa	l Loading Test	Ground Leve				
echnician	Sean Hannon		Sample Ref N				
Authorised by	4 Byan		Depth	0.00	m bgl		
Date	09/09/2019						
0	20 40	60	80	100	120	140	160
0.00							
-0.50							
0.50							
-1.00							
-1.00							
-1.00							
-1.00							
-1.00							
-1.00 -1.50 -2.00 -2.50 -3.00 -3.00							
-1.00 -2.50 -2.50 -3.50 -3.50							
-1.00 -1.50 -2.50 -2.50 -3.50 -3.50 -4.00 -4.00							
-1.00 -1.50 -2.00 -2.50 -3.50 -3.50			ressure (kN/m2)				

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PLATE 7	Test report sheet	「 (F3.1)		Applie	d Pressure/Se	ttlement Curve		×
eference No.	R105286		<u>"</u>					
ontract	PPK3			Descripti	on of soil under tes	t		
est No.	PBT 77 Load			(natural	soil, placed fill, sub-	pase)		
ocation	Profile Park			Brown sil	ty clay			
epth	500mm						السرال الشيرا	INAB
lient	PM			Easting (IGSI	V ACCREDITED TESTING
late Diameter:	450 mm			Northing	(m)		\I G S L	GETAILED IN SCOTE HIG NO. 1231
est Method	BS 1377: Part 9: 1990 Test	4 - Incremental Load	ling Test		evel (mOD)			
echnician	Sean Hannon			Sample R	ef No. N/A			
Authorised by Date	09/09/2019			Depth	0.00	m bgl		
0.00	20	40	60	80	100	120	140	160
-0.50								
E -1.00								
E -1.50			-					
-1.00 -1.50 -2.00 -2.00								
. 2.50								
-3.00								
-3.50			P	ressure (kN/m2)				
	mm settlement intersection ade reaction = 29 MPa/m	1 = 44	Favi	valent CBR value in acco	adamaa wiith NDA UD2	- 20/10	3.2 %	

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mm Part 9: 1990 Test4 - Incr	emental Loading	Test	(nat Brov East Nor Grov Sam	cription of soil under test ural soil, placed fill, sub-l vn silty clay ing (m) ching (m) und Level (mOD) ple Ref No. N/A		I G S L	IVN AB AND
mm Part 9: 1990 Test4 - Incr non	emental Loading	Test	(nat Brov East Nor Grov Sam	ural soil, placed fill, sub-l vn silty clay ing (m) thing (m) und Level (mOD)		I G S L	IVA SE I NOVE I
mm Part 9: 1990 Test4 - Incr non	emental Loading	Test	East Nor Grot Sam	vn silty clay ing (m) thing (m) und Level (mOD)	pase)	I G S L	IVNAB NOBIRED TESTING CHARGE MY SECRET RG. 1237
mm Part 9: 1990 Test4 - Incr non	emental Loading	Test	East Nor Grot Sam	ing (m) hing (m) ınd Level (mOD)		I G S L	IVNAB ACCOUNTS TESTING GETAILED BY SECRE HET NIGHTEST
Part 9: 1990 Test4 - Incr non	emental Loading	Test	Nor Gro Sam	hing (m) and Level (mOD)		I G S L	I NAB ACCENTAGE TESTING SETAULED MY SCOTE HER NO. 1231
Part 9: 1990 Test4 - Incr non	emental Loading	Test	Nor Gro Sam	hing (m) and Level (mOD)		IGSL	TEST NO SETAILED IN SCOTE HER NO. 1231
Part 9: 1990 Test4 - Incr non	emental Loading	Test	Gro Sam	ınd Level (mOD)		Ltd.	GET ALLES W SCOPE HTG NO. 1231
non	emental Loading	Test	Sam				
7000-				ple Ref No. N/A			
019							
0.0			Dep	th <u>0.00</u>	m bgl		
20	40	60	80	100	120	140	160
-							
			•				
			Pressure (kN/m2)				
	nent intersection = 59 n = 38 MPa/m	ment intersection = 59	ment intersection = 59	Pressure (kN/m2)	Pressure (kN/m2)	Pressure (kN/m2)	Pressure (kN/m2)

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PLATE 7	TEST REPORT SHEET (F	3.1)		Applied Pre	essure/Sett	lement Curve		×
eference No.	R105289	<u> </u>						
ontract	PPK3			Description of s	oil under test			
est No.	PBT 80 Load			(natural soil, pla		se)		_
ocation	Profile Park			Brown silty clay	,			1111
epth	500mm						_ (~ \\	IVNAB
lient	PM			Easting (m)			IGSL	TESTING
late Diameter:	450 mm			Northing (m)			IGSL	GETAILER IN SCORE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - In	cremental Loading	Test	Ground Level (r				
echnician	Sean Hannon			Sample Ref No.				
Authorised by Date	09/09/2019			Depth	0.00	m bgl		
0	20	40	Pressure / So		100	120	140	160
0.00								
-0.50								
a •			_					
-1.00 ا								
5				_				
-1.00 -1.50 -2.00 -2.00								
E -2.00				1				
# -2.00								
ه _{-2.50}		—						
2.50								
-3.00								
3.00								
-3.50			Pi	essure (kN/m2)				
0.50								
radient at 1.25	mm settlement intersection = 53	}						
	ade reaction = 34 MPa/m		Equiv	alent CBR value in accordance	with NRA HD25-2	6/10	4.4 %	
	applied = 0.64 as per HD 25-26/	/10	·					

PRORINGED. 28/06/20

PLATE 7	TEST REPORT SHEET	Γ (F3.1)		Applied	Pressure/Se	ttlement Curve		X
Reference No. Contract Test No. Location Depth Client Plate Diameter: Test Method Technician Authorised by Date	R105289 PPK3 PBT 80 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test Sean Hannon 9/9/19	t4 - Incremental Loadin	ng Test		m) wel (mOD)		I G S L	100 mas 1 N AB MONITO 100 Mas 100 Mas
0.00	20	40	Pressure / S	ettlement 80	100	120	140	160
Settlement (mm) -1.50								
Modulus of subgr	mm settlement intersection rade reaction = 39 MPa/m rapplied = 0.64 as per HD 2			ressure (kN/m2) valent CBR value in accord	lance with NRA HD25	-26/10	5.5 %	

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PLATE	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve	!	**
Reference No.	R105282					
Contract	PPK3		Description of soil under to	est		
est No.	PBT 82 Load		(natural soil, placed fill, su	b-base)		_
ocation	Profile Park		Brown silty clay			MV 80.1700
epth epth	500mm				(€ • • • • • • • • • • • • • • • • • • •	IVNAB
lient	PM		Easting (m)		I G S L	TESTING
Plate Diameter:	450 mm		Northing (m)		Ltd.	GETAILER IN SCORE HTG NO. 1331
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Load	ling Test	Ground Level (mOD)			
Гесhnician	Sean Hannon		Sample Ref No. N/A			
Authorised by Date	09/09/2019		Depth 0.00	m bgl		
		Pressure / Settl	ement			
						100
0	20	40	60 80)	100	120
0.00	20	40	60 80)	100	120
0.00	20	40	60 80)	100	120
-0.50	20	40	60 80)	100	120
0.00 -0.50 -1.00	20	40	60 80)	100	120
0.00 - 0.50 - 1.00	20	40	60 80)	100	120
0.00 -0.50 -1.00	20	40	60 80)	100	120
0.00 - 0.50 - 1.00	20	40	60 80		100	120
0.00 -0.50 -1.00	20	40	60 80		100	120
0.00 -0.50 -1.00	20	40	60 80		100	120
0.00 -0.50 -1.00 -1.50 -2.00 -3.00	20	40	60 80		100	120
0.00 -0.50 -1.00 -1.50 -2.00 -2.50	20	40	60 80		100	120
0.00 -0.50 -1.00 -1.50 -2.00 -3.00	20	40	60 80		100	120
0.00 -0.50 -1.00 -2.00 -2.00 -2.50 -3.50 -4.00		40	60 80		100	120
0.00 -0.50 -1.00 -2.00 -2.00 -3.00 -3.50	20		60 80		100	120

PLATE 7	TEST REPORT SHEET (F3.1)		Applied F	Pressure/Settlement	t Curve	×
Reference No. Contract Test No. Location Depth Client Plate Diameter: Test Method Technician Authorised by Date	R105282 PPK3 PBT 82 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loadin Sean Hannon 09/09/2019	ng Test		i) el (mOD)	IGSI	1 N A B SOURCE TOTALION OF NOTE AND STATE OF SOURCE STATE OF
		Pressure / S	Settlement			
O.000 -0.50 -1.50 -2.00 -2.00	20	40	60 Pressure (kN/m2)	80	100	120
Modulus of subgra	mm settlement intersection = 47 ade reaction = 30 MPa/m applied = 0.64 as per HD 25-26/10		valent CBR value in accordan	nce with NRA HD25-26/10	3.6 %	

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PLATE 7	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve		X
eference No.	R105288		' '		\Box	
Contract	PPK3		Description of soil under to	est		
est No.	PBT 83 Load		(natural soil, placed fill, sul	b-base)		
ocation	Profile Park		Brown silty clay		Cata	150 17025
epth	500mm				(~~\\	INAB
lient	PM		Easting (m)		\IGSL/	TESTING
late Diameter:	450 mm		Northing (m)		I GS L	GENALES IN SCORE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Load	ling Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
Authorised by Date	10/09/2019		Depth 0.00	m bgl		
		Pressure / Set				
0	20 40	60	80 100	120	140	160
0.00						
-0.20						
-0.40		_				
	1	· , ,				
E -0.60						
-0.60 -0.80 -1.00 -1.20						
5 -0.80						
<u></u> -1.00 						
# -1.20						
ο -1.20				7		
-1.40		\longrightarrow			$\overline{}$	
1.00		-			_	
-1.60						
-1.80		Pre	ssure (kN/m2)			
	mm settlement intersection = 102	·				
	rade reaction = 66 MPa/m	Equival	ent CBR value in accordance with NRA HD	25-26/10	13.6 %	
rrection factor	r applied = 0.64 as per HD 25-26/10					

PECENED. 2806/20

PLATE 7	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve		×
deference No.	R105288					
Contract	PPK3		Description of soil under to	est		
est No.	PBT 83 Reload		(natural soil, placed fill, su	b-base)		
ocation	Profile Park		Brown silty clay	•		
epth	500mm				ا سرات ا	IVNAB
llient	PM		Easting (m)		IGSI	TESTING
Plate Diameter:	450 mm		Northing (m)		\I G S L	OFTAILER IN SCORE HITH NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Loadi	ing Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
Authorised by Date	10/9/19		Depth 0.00	m bgl		
0	20 40	Pressure / Se	80 100	120	140	160
0.00					1	
1						
-0.20						
`						
? -0.40		<u> </u>				
Ē						
는 -0.60			_			
E						
<u>a</u> -0.80 +						
Settlement (mm) 0.6.0- 0.8.0- 0.8.0- 0.8.0-						
۰1.00 						
				-	_	
-1.20					<u> </u>	
		ъ.	4.1(2)			
-1.40		Pro	essure (kN/m2)			
	mm settlement intersection = 117					
	ade reaction = 75 MPa/m	Equiva	llent CBR value in accordance with NRA HI	025-26/10	17.1 %	
rrection factor	applied = 0.64 as per HD 25-26/10					

PLATE 7	TEST REPORT SHEE	T (F3.1)		Applied	Pressure/Se	ttlement Curve		. 🗙
Reference No.	R105301							
Contract	PPK3				n of soil under tes			
Test No.	PBT 85 Load				oil, placed fill, sub-	base)		
Location	Profile Park			Brown silty	/ clay		(apr)	150 1 7025
Depth	500mm				,			IVNAB
Client	PM			Easting (m			I G S L	TESTING SETAILER IN STORY AND ADDRESS.
Plate Diameter:	450 mm			Northing (r			Ltd.	A STORY WILLIAMS
Test Method	BS 1377: Part 9: 1990 Tes	t4 - Incremental Loading	g Test	Ground Lev			_	
Technician	Sean Hannon			Sample Ref				
Authorised by	11 By			Depth	0.00	m bgl		
Date	09/09/2019							
			Pressure / S					
0	20	40	60	80	100	120	140	160
0.00								
-0.50								
1.00								
-1.00			<u> </u>					
是 -1.50								
			_					
-2.00								
-2.50 -2.50 -3.00 -3.00								
₹						_		
% -3.00								
-3.50		1						
-4.00								
-4.50			P	ressure (kN/m2)				
1.50								
radient at 1.25	mm settlement intersectio	n = 47						
	ade reaction = 30 MPa/m	•	Equiv	alent CBR value in accord	ance with NRA HD2!	5-26/10	3.5 %	
	applied = 0.64 as per HD a		= 41					

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	(F3.1)			Applied Pressure/S	Settlement Curve		×
R105301				• • • • • • • • • • • • • • • • • • • •			
PPK3				Description of soil under te	est		
PBT 85 Reload				(natural soil, placed fill, sub	o-base)		
Profile Park				Brown silty clay			
500mm						\ سرا ﷺ	IVNAB
PM						IGSI	TESTING
450 mm				Northing (m)		LIGS L	QETAILED IN SCOTE HITE NO. 1235
BS 1377: Part 9: 1990 Test	- Incremental Load	ding Test					
Sean Hannon				Sample Ref No. N/A			
4 Eyen				Depth 0.00	m bgl		
09/09/2019					-		
					*		
			Pressure (kN/	′m2)			
	PPK3 PBT 85 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 Sean Hannon	PPK3 PBT 85 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loa Sean Hannon 09/09/2019	PPK3 PBT 85 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 4009/09/2019 Pressure	PPK 3 PBT 85 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Test4 - Incremental Loading Test Sean Hannon 09/09/2019 Pressure / Settlement	Description of soil under te (natural soil, placed fill, sul Brown silty clay	Description of soil under test (natural soil, placed fill, sub-base)	Description of soil under test (natural soil, placed fill, sub-base)

PLATE	test report shei	ET (F3.1)		Applied Pres	ssure/Settle	ment Curve		×
eference No.	R105290		"	1				
ontract	PPK3			Description of so	oil under test			
est No.	PBT 87 Load				ced fill, sub-base)			_
ocation	Profile Park			Brown silty clay			(day	100
epth	500mm						<u> </u>	IVNAB
lient	PM			Easting (m)			IGSL	TESTING
ate Diameter:	450 mm			Northing (m)			UGSL/	GETAILER IN SCORE HITE NO. 1331
est Method	BS 1377: Part 9: 1990 Te	est4 - Incremental Loadi	ng Test	Ground Level (m				
echnician	Sean Hannon			Sample Ref No.	N/A			
uthorised by ate	09/09/2019			Depth	0.00	m bgl		
			Pressure / S	ettlement				
0	20	40	60	80	100	120	140	160
0.00								
-0.50								
-0.30								
€ -1.00 -								
崔 -1.50								
-1.00 -1.50 -2.00 -2.00								
발 -2.00								
Set					_			
-2.50								
-3.00								
-3.00								
-3.50			P	ressure (kN/m2)				
5.50								
	mm settlement intersecti							
adulus of subai	ade reaction = 36 MPa/m		Eguiv	alent CBR value in accordance w	ith NRA HD25-26/	10	4.8 %	

	TEST REPORT SHEET (F3	.1)	Applied Pressure/	Settlement Curve		×
eference No.	R105290	"				
ontract	PPK3		Description of soil under	test		
est No.	PBT 87 Reload		(natural soil, placed fill, su	ub-base)		
ocation	Profile Park		Brown silty clay			
epth	500mm				\ سرات /	IVNAB
ient	PM		Easting (m)		IGSI	V ACORDITION TESTING
ate Diameter:	450 mm		Northing (m)		\IGSL/	GETAILED IN SCORE HITS NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incre	mental Loading Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
uthorised by ate	09/09/2019		Depth 0.00	m bgl		
0.00	20	40 60	80 100	120	140	160
-1.50 -1.50						
-1.50			•			
-2.00						

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eference No. ontract PK3 est No. PBT 89 Load Profile Park epth 500mm lient PM late Diameter: est Method echnician uthorised by ate			re / Settlement	Description of soil under (natural soil, placed fill, Brown silty clay Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00	, sub-base)	IGSL IM.	1 NAB ASSET AND ASSET AND ASSET ASSE
ontract est No. pocation epth lient ate Diameter: est Method echnician uthorised by ate PRT 89 Load Profile Park 500mm PM 450 BS 1377: Part Sean Hannon 09/09/2019	9: 1990 Test4 - Incremental Loa	Pressur		(natural soil, placed fill, Brown silty clay Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00	, sub-base)	Ltd.	1 NAB TOTAL BUT BE A TOTAL BUT
est No. pocation epth lient lient est Method echnician uthorised by ate PBT 89 Load Profile Park 500mm PM 450 BS 1377: Part Sean Hannon 09/09/2019	9: 1990 Test4 - Incremental Loa	Pressur		Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00)m bgl	Ltd.	1 NAB ASSET AND ASSET AND ASSET ASSE
pocation Profile Park epth 500mm ient PM ate Diameter: est Method echnician uthorised by ate Park pod 500mm PM 450 BS 1377: Part 9 Sean Hannon 09/09/2019	9: 1990 Test4 - Incremental Loa	Pressur		Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00	m bgl	Ltd.	UNIT HOLD IN THE STATE OF THE S
ient PM ate Diameter: 450 est Method echnician Sean Hannon uthorised by ate PM 09/09/2019	9: 1990 Test4 - Incremental Loa	Pressur		Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00	m bgl	Ltd.	TVAB ACTION OF THE PROPERTY OF
ate Diameter: 450 est Method BS 1377: Part 9 echnician Sean Hannon uthorised by ate 09/09/2019	9: 1990 Test4 - Incremental Loa	Pressur		Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00	m bgl	Ltd.	160
est Method BS 1377: Part schnician Sean Hannon withorised by the 09/09/2019	9: 1990 Test4 - Incremental Loa	Pressur		Ground Level (mOD) Sample Ref No. N/A Depth 0.00	m bgl	Ltd.	विषयः विश्व क्ष्मां स्थापितः विषयः 1160
echnician Sean Hannon uthorised by the 09/09/2019		Pressur		Sample Ref No. N/A Depth 0.00	m bgl	140	160
uthorised by 09/09/2019				Depth 0.00	m bgl	140	160
o9/09/2019						140	160
ate 09/09/2019					120	140	160
0 20	0 40				120	140	160
0.00							
0.00							
-0.50							
-1.00							
-1.50							
-1.50 -2.00 -2.50							
-2.50			$\overline{}$				
-3.00							
-3.50			—				
-4.00			Pressure (ki	N/m2)			
adient at 1.25 mm settlement dulus of subgrade reaction = 2			Equivalent CPD :	ralue in accordance with NRA	A UD25 26/10	2.3 %	

PLATE 1	TEST REPORT SHEET	(F3.1)		Applied	Pressure/Se	ttlement Curve		×
eference No.	R105285	-	"					
ontract	PPK3			Description	of soil under test			
est No.	PBT 89 Reload			(natural so	il, placed fill, sub-l	oase)		
ocation	Profile Park			Brown silty	clay			MV
epth	500mm						۱ سُرِ∭ے	IVNAB
lient	PM			Easting (m			IGSI	TESTING
late Diameter:	450 mm			Northing (r	n)		\I G S L	GETAILED IN SCOPE HIG NO. 1331
est Method	BS 1377: Part 9: 1990 Test	4 - Incremental Load	ing Test	Ground Lev				
echnician	Sean Hannon			Sample Ref				
Authorised by Date	09/09/2019			Depth	0.00	m bgl		
0.00	20	40	60	80	100	120	140	160
-0.50	-							
-1.00								
-1.00 -1.50 -2.00 -2.00								
-2.00								
-2.50								
-3.00			Р	ressure (kN/m2)				
-3.00 Gradient at 1.25	mm settlement intersection ade reaction = 35 MPa/m	= 54		ressure (kN/m2)	ance with NRA HD2	3-26/10	4.5 %	

PLATE 7	TEST REPORT SHEET	(F3.1)		App	lied Pressure/Se	ttlement Curve		X
eference No.	R105275	<u> </u>						
ontract	PPK3			Descr	iption of soil under test			
est No.	PBT 90 Load				ral soil, placed fill, sub-b	oase)		_
ocation	Profile Park			Brown	n silty clay		(aba)	100 1702
epth	500mm							IVNAB
lient	PM				ng (m)		IGSL	TESTING
late Diameter:	450 mm				ing (m)		I G S L	GETAILED IN SCOTE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Test4	l - Incremental Loading	Test		nd Level (mOD)			
echnician	Sean Hannon				le Ref No. N/A			
outhorised by Date	09/09/2019			Depth	n <u>0.00</u>	m bgl		
			Pressure / Se	ttlement				
0.00	20	40	60	80	100	120	140	160
-0.50								
1.00								
-1.50			-					
ŧ 📉								
-2.00				•				
-2.50 								
-3.00								
-3.50		_						
-4.00			Pro	essure (kN/m2)				
	mm settlement intersection	= 41					0.0.5:	
	ade reaction = 26 MPa/m applied = 0.64 as per HD 25	5-26/10	Equiva	lent CBR value in a	ccordance with NRA HD25	5-26/10	2.8 %	

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PLATE 7	TEST REPORT SHEET (F3.1)		Applied Pressure	e/Settlement Curve		×
eference No.	R105275					
Contract	PPK3		Description of soil unde	er test		
est No.	PBT 90 Reload		(natural soil, placed fill	, sub-base)		_
ocation	Profile Park		Brown silty clay			MV
epth	500mm				\ سُرِالْتِ	INAB
lient	PM		Easting (m)		IGSI	TESTING
late Diameter:	450 mm		Northing (m)		\IGSL/	GETAILED IN SCOTE HTG NO. 1331
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Load	ling Test	Ground Level (mOD)			
echnician	Sean Hannon		Sample Ref No. N/A			
Authorised by Date	09/09/2019		Depth 0.00	m bgl		
		Pressure / S	Settlement			
0	20 40	60	80 100	120	140	160
0.00						
•						
-0.50						
_						
آھے -1.00		~~~				
-1.50 -1.50 -2.00 -2.00						
-1.50						
-2.00 -	•					
,,				-		
-2.50						
-3.00		Р	ressure (kN/m2)			
	mm settlement intersection = 55					
	ade reaction = 35 MPa/m	Equiv	valent CBR value in accordance with NRA	A HD25-26/10	4.7 %	
	applied = 0.64 as per HD 25-26/10	•				

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PLATE	TEST REPORT SHEET (F3.1)		Ar	oplied Pressure/Se	ttlement Curve)	Α,
eference No.	R105297			1	•			
ontract	PPK3			Des	scription of soil under tes	t		
est No.	PBT 96 Load			(na	tural soil, placed fill, sub-	base)		
cation	Profile Park			Bro	wn gravelly silty clay			
epth	500mm						السرا الشير	IVNAB
ent	PM			Eas	ting (m)		ICSI	V ACCREDITED TESTING
ate Diameter:	450 mm			Nor	thing (m)		\I G S L	GETAILER IN SCORE HTT; NO. 1331
st Method	BS 1377: Part 9: 1990 Test4 - 1	ncremental Loadin	g Test	Gro	und Level (mOD)			
chnician	Sean Cunningham			San	nple Ref No. N/A			
uthorised by	4 Byone			Dep	oth 0.00	m bgl		
ate	09/09/2019							
0 0.00	20	40	60	80	100	120	140	160
-0.50								
ਵੇ -1.00 ├──								
				-				
-1.50 -2.00								
<u> </u>								
-2.00								
ر الم						*		
2.30							_	
-3.00		-						
3.00								
-3.50				Pressure (kN/m2)			
3.30								
adient at 1.25	mm settlement intersection = 5	8						
	rade reaction = 37 MPa/m		Equ	ivalent CBR value ir	n accordance with NRA HD2	5-26/10	5.1 %	
	applied = 0.64 as per HD 25-26	3/10	·					

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PLATE ⁻	TEST REPORT SHEE	T (F3.1)		Apı	plied Pressure/Se	ttlement Curve	!	· X
eference No.	R105299	<u> </u>						
ontract	PPK3			Desc	ription of soil under tes	t		
est No.	PBT 94 Load			(nati	ural soil, placed fill, sub-	base)		
cation	Profile Park			Brow	n silty clay			1111/
epth	500mm						\ سُرِانِي /	IVNAB
ient	PM				ing (m)		(IGSL)	TESTING
ate Diameter:	450 mm				hing (m)		Ltd.	QETAILER IN SCORE HTT; NO. 1331
est Method	BS 1377: Part 9: 1990 Tes	st4 - Incremental Loading	Test		nd Level (mOD)			
echnician	Sean Cunningham				ole Ref No. N/A			
uthorised by	A Byone			Dept	h 0.00	m bgl		
ate	09/09/2019							
0	20	40	Pressure / Se		100	120	1.40	100
0	20	40	60	80	100	120	140	160
0.00								
-0.50								
-0.30								
€ -1.00		7						
=1.00								
= = -1.50			_	_				
-1.50 -1.50 -2.00 -2.00								
E -2.00								
ر 2.50 –								
2.30	78—							
-3.00								
-3.00								
-3.50			Pr	essure (kN/m2)				
3.30								
adient at 1.25	mm settlement intersection	n = 53						
	ade reaction = 34 MPa/m	••	Eauiva	alent CBR value in	accordance with NRA HD2	5-26/10	4.4 %	
	applied = 0.64 as per HD	25 26/10	290.75			: · •		

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PLATE T	EST REPORT SHEET	(F3.1)		Applied	d Pressure/Se	ttlement Curve		X
ference No.	R105299	•						
ontract	PPK3			Description	on of soil under test	t		
est No.	PBT 94 Reload				oil, placed fill, sub-l	oase)		
cation	Profile Park			Brown silt	y clay		Cata	150 17925
epth	500mm						(~~\\	IVNAB
ient	PM			Easting (r			\IGSL/	TESTING
ate Diameter:	450 mm			Northing			Ltd.	W SCOPE HIG NO.133
est Method	BS 1377: Part 9: 1990 Test	4 - Incremental Load	ing Test		evel (mOD)			
echnician	Sean Cunningham			Sample Re				
uthorised by	4 Byon			Depth	0.00	m bgl		
ate	09/09/2019							
0.00	20	40	60	80	100	120	140	160
0.00		10			100	120	140	100
1	-							
-0.50								
-1.00 -1.50								
וייי								
Ĕ								
-1.50						_		
D								
		-					_	
-2.00								
2.50			1	Pressure (kN/m2)				
-2.50	I	l .			· · · · · · · · · · · · · · · · · · ·			
adjent at 1 25 r	mm settlement intersection	_ 78						
	ade reaction = 50 MPa/m	- 70	Faui	valent CBR value in accor	dance with NRA HD25	5-26/10	8.5 %	
adias of subgra		5-26/10	Lqu	valorit CDIN value ili accoli	adiloo With HILA HDZ	, 20, 10	0.5 70	

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	test report sh	IEET (F3.1)			Applied Pr	essure/Settler	ment Curve		×
Reference No. Contract East No. Cocation Depth Client Plate Diameter: East Method Echnician Authorised by	R105297 PPK3 PBT 96 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Sean Cunningham 09/09/2019		Loading Test			(mOD) b. <u>N</u> /A	m bgl	IGSL	1 V N ABO STATES OF THE PROPERTY OF THE PROPER
				Pressure / Settlem					
0.00	20	40	60	80	100	120	140	160	180
-0.20									
€ -0.40									
Settlement (mm) -0.40 -0.60 -0.80									
-0.80									
Settl									
-1.00				-					
-1.20									
-1.40				Pressur	e (kN/m2)				

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PLATE T	TEST REPORT SHEET (F3.1)		Applied Pressure/S	Settlement Curve		X
Reference No.	R105300					
Contract	PPK3		Description of soil under to	est		
Γest No.	PBT 98 Load		(natural soil, placed fill, su	b-base)		
ocation	Profile Park		Brown silty clay		(cha)	MV
Depth	500mm				√سرایش /	IVNAB
Client	PM		Easting (m)		IGSI	V ACCREMENTS TESTING
Plate Diameter:	450 mm		Northing (m)		I G S L	GETAILER IN SCOPE HITE NO. 1231
est Method	BS 1377: Part 9: 1990 Test4 - Incremental Load	ding Test	Ground Level (mOD)			
echnician	Sean Cunningham		Sample Ref No. N/A			
Authorised by Date	09/09/2019		Depth 0.00	m bgl		
0	20 40	Pressure / So		120	140	100
0.00	20 40	60	80 100	120	140	160
0.00						
-0.50						
0.00						
? -1.00 ├						
E ,						
± -1.50						
Б — — — — — — — — — — — — — — — — — — —	_					
-1.00 -1.50 -2.00 -2.00			1			
t						
ر -2.50						
	-					
-3.00						
		_				
-3.50		Pr	essure (kN/m2)			
5.53						
radient at 1.25	mm settlement intersection = 46					
odulus of subgr	rade reaction = 30 MPa/m	Equiv	alent CBR value in accordance with NRA HE	025-26/10	3.5 %	
	applied = 0.64 as per HD 25-26/10	•				

PLATE 1	EST REPORT SHE	T (F3.1)			Applied Pres	ssure/Set	tlement Curve		, X
Reference No. Contract Test No. Location Depth Client Plate Diameter: Test Method Technician Authorised by Date	R105300 PPK3 PBT 98 Reload Profile Park 500mm PM 450 mm BS 1377: Part 9: 1990 Te Sean Hannon 09/09/2019	est4 - Incremental Loadin	ng Test		Description of so (natural soil, place Brown silty clay Easting (m) Northing (m) Ground Level (m) Sample Ref No. Depth	ed fill, sub-b		IGSL	IVN 100 1100 EV NO 110
			Pressure	e / Settlement					
0.00	20	40	60	80	1	100	120	140	160
-0.20									
-0.40									
-0.60 -0.80 -1.00 -1.20									
± -0.80									
-1.00					-				
-1.20									
-1.40									
-1.60				_					
-1.80				Pressure (kN	/m2)				
Modulus of subgra	mm settlement intersecti ade reaction = 58 MPa/m applied = 0.64 as per HD		ŀ	Equivalent CBR va	alue in accordance w	ith NRA HD25	-26/10	10.9 %	

	TEST REPORT SHEET	I (F3.I)		Appıı	ed Pressure/Se	ttiement Curve		•
ference No.	R105298	<u> </u>						
ntract	PPK3			Descrip	tion of soil under tes	t		
st No.	PBT 100 Load				l soil, placed fill, sub-	oase)		
cation	Profile Park			Brown s	silty clay		Cata	150 17925
epth	500mm						_ (~ \	IVNAB
ent	PM			Easting			\IGSL/	TESTING
ate Diameter:	450 mm			Northin			Ltd.	GET HELD IN SCOTE HITE NO. 1331
st Method	BS 1377: Part 9: 1990 Test	4 - Incremental Load	ding Test		Level (mOD)			
chnician	Sean Cunningham				Ref No. N/A			
ithorised by	1) Eguin			Depth	0.00	m bgl		
ite	09/09/2019							
0	20	40	60	80	100	120	140	160
0.00								
		_						
-0.50								
. l								
Ē -1.00				_				
ے او -1.50								
-1.50 -2.00								
-2.00								
						—		
م -2.50 —		_						
-3.00				-				
-3.50				Pressure (kN/m2)				
	mm settlement intersection	n = 58						
odulus of subgr	rade reaction = 37 MPa/m		Eq	uivalent CBR value in acc	ordance with NRA HD2!	5-26/10	5.0 %	

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105298 PK3				Applied Pr	ressure/Se	ttlement Curve	•	
DN 3								
rks		***************************************		Description of	soil under test			
BT 100 Reload				(natural soil, p	laced fill, sub-b	ase)		_
				Brown silty cla	ay		(da)	MV 150.17025
00mm							(~ \lambda \)	IVNAB
M							IGSL	TESTING
							Ltd.	GET MEET NV SCOPE HTG NO. 1331
	est4 - Incremental Loa	ding Test						
H Byone				Depth	0.00	m bgl		
9/09/2019								
20	40	60		80	100	120	140	160
	<u>-</u>							
\rightarrow				_				
`								
							_	
			Pressure	(kN/m2)			-	
	rofile Park 00mm M 50 mm S 1377: Part 9: 1990 Te ean Cunningham 9/09/2019	rofile Park 00mm M 50 mm S 1377: Part 9: 1990 Test4 - Incremental Loa ean Cunningham 9/09/2019	rofile Park 00mm M 50 mm S 1377: Part 9: 1990 Test4 - Incremental Loading Test ean Cunningham 9/09/2019	rofile Park 00mm M 50 mm S 1377: Part 9: 1990 Test4 - Incremental Loading Test ean Cunningham 9/09/2019 Pressure / Settleme	Brown silty cla 00mm M 50 mm S 1377: Part 9: 1990 Test4 - Incremental Loading Test ean Cunningham A A A A A A A A A A A A A A A A A A A	Brown silty clay Common	Brown silty clay Brown silty clay Easting (m) Northing (m) S 1377: Part 9: 1990 Test4 - Incremental Loading Test ean Cunningham A 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Brown silty clay Brown silty clay Easting (m) Northing (m) S 1377: Part 9: 1990 Test4 - Incremental Loading Test ean Cunningham Pressure / Settlement Brown silty clay Easting (m) Northing (m) Ground Level (mOD) Sample Ref No. N/A Depth 0.00 m bgl