

FIGURE 12.7

Legend

- ▭ Site Location
- Anticlinal axis
- Fault
- Synclinal axis
- - - 10 km Buffer of Site
- ▭ Aghfarrell Formation
- ▭ Allenwood Formation
- ▭ Aplite
- ▭ Ballysteen Formation
- ▭ Boston Hill Formation
- ▭ Butter Mountain Formation
- ▭ Calp
- ▭ Carrigill Formation
- ▭ Cloghan Sandstone Formation
- ▭ Dolerite
- ▭ Dowery Hill Member
- ▭ Feighcullen Formation
- ▭ Ferbane Mudstone Formation
- ▭ Glen Ding Formation
- ▭ Lucan Formation
- ▭ Old Red Sandstone (undifferentiated)
- ▭ Pollaphuca Formation
- ▭ Quinagh Formation
- ▭ Rickardstown Formation
- ▭ Slate Quarries Formation
- ▭ Tipperkevin Formation
- ▭ Tober Colleen Formation
- ▭ Type 1 granodiorite
- ▭ Type 2e equigranular
- ▭ Type 2p microcline porphyritic
- ▭ Type 3 muscovite porphyritic
- ▭ Waulsortian Limestones

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Client: Kildare County Council
Comhairle Contae Chill Dara

Project: KERDIFFSTOWN LANDFILL REMEDIATION PROJECT

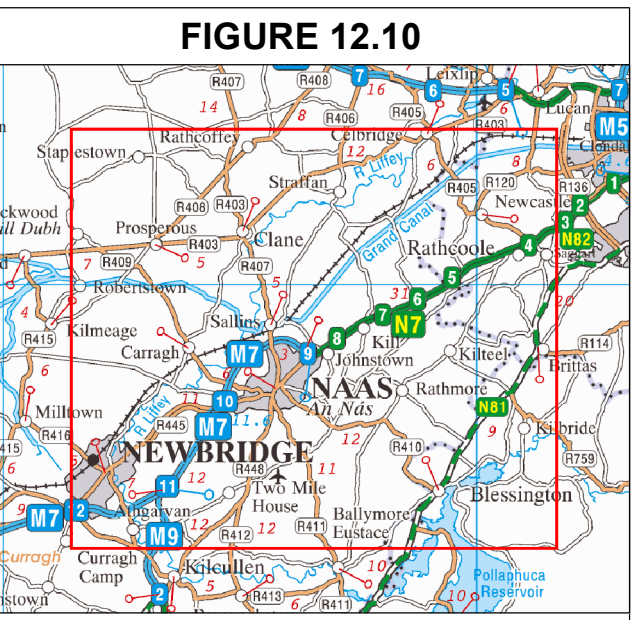
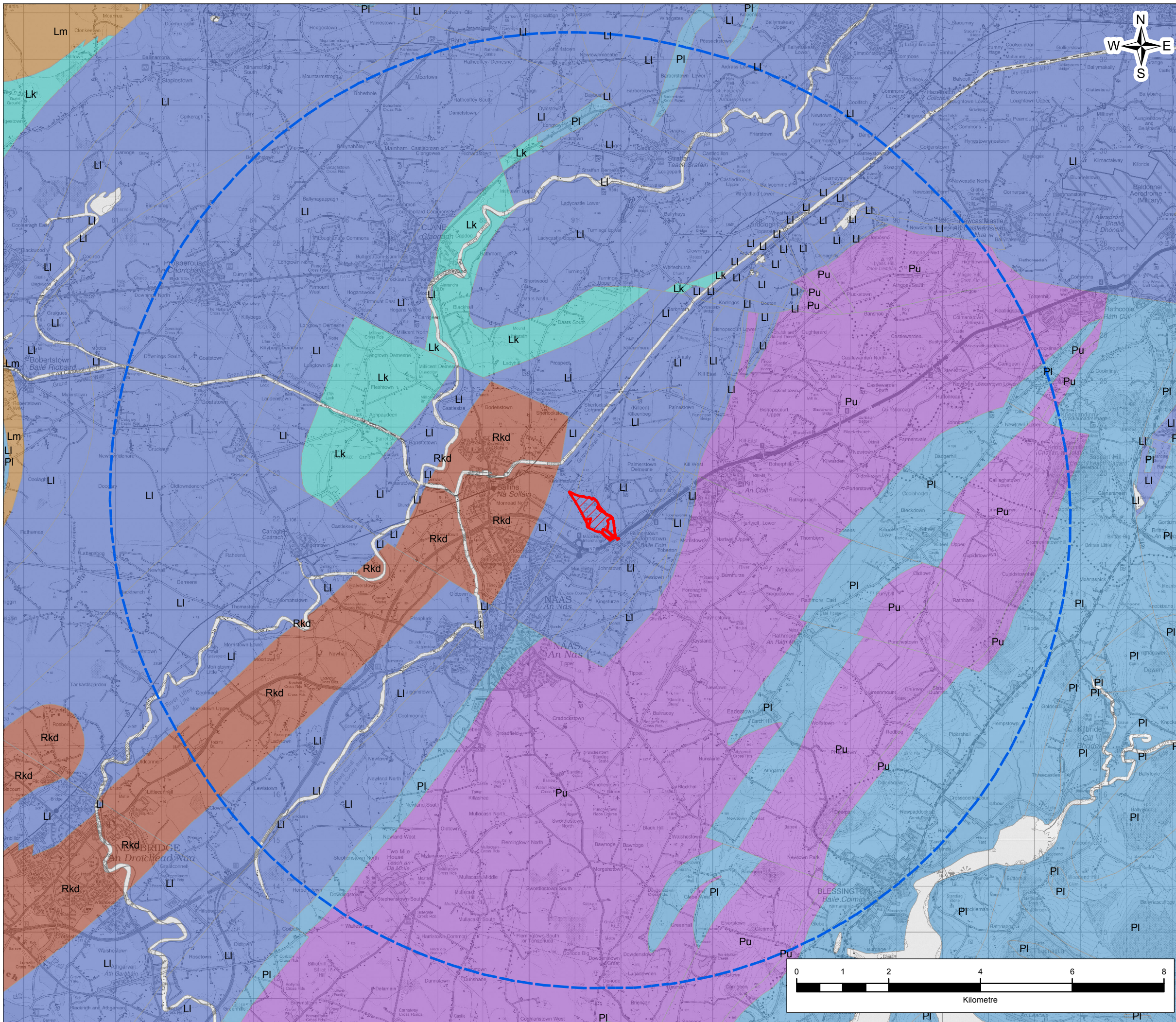
Drawing Title: **FIGURE 12.7 - REGIONAL GEOLOGY - BEDROCK**

Drawing Status: EIAR SUBMISSION

Scale @ A3	1:80,000	DO NOT SCALE
Jacobs No.	32EW5604	
Client No.	6286	
Drawing No.	32EW5604-821 P2	Rev 2

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- Legend**
- Site Location
 - 10 km Buffer of Site
 - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
 - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
 - Locally Important Aquifer - Karstified
 - Poor Aquifer - Bedrock which is Generally Unproductive
 - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
 - Regionally Important Aquifer - Karstified (diffuse)

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Drawing Title **FIGURE 12.10 - AQUIFER CLASSIFICATION**

Drawing Status **EIAR SUBMISSION**

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Drawing No.	32EW5604-822 P2	Rev 2

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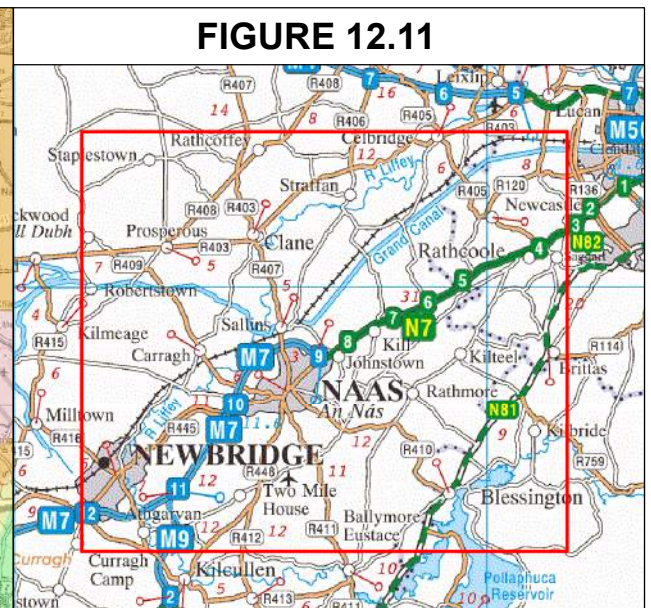
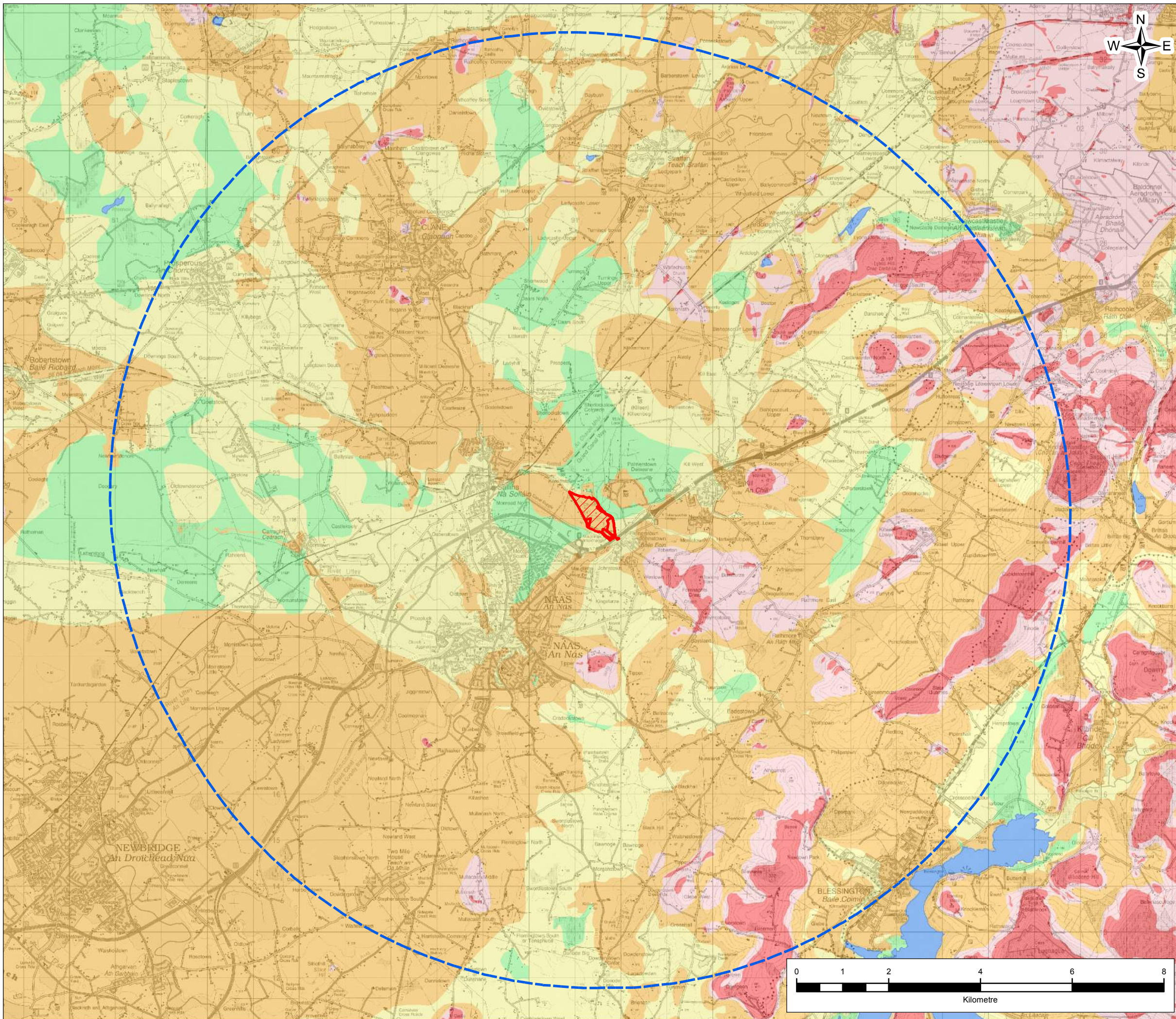


FIGURE 12.11

- Legend**
-  Site Location
 -  10 km Buffer of Site
 -  Extreme Groundwater Vulnerability
 -  High Groundwater Vulnerability
 -  Low Groundwater Vulnerability
 -  Moderate Groundwater Vulnerability
 -  Waterbody (Lakes & Reservoirs)
 -  Rock at or near Surface or Karst

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Drawing Title **FIGURE 12.11 - GROUNDWATER VULNERABILITY**

Drawing Status **EIAR SUBMISSION**

Scale @ A3	1:80,000	DO NOT SCALE
Jacobs No.	32EW5604	
Client No.	6286	
Drawing No.	32EW5604-823 P1	Rev 1

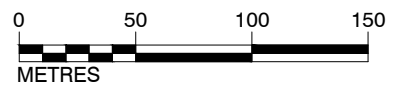
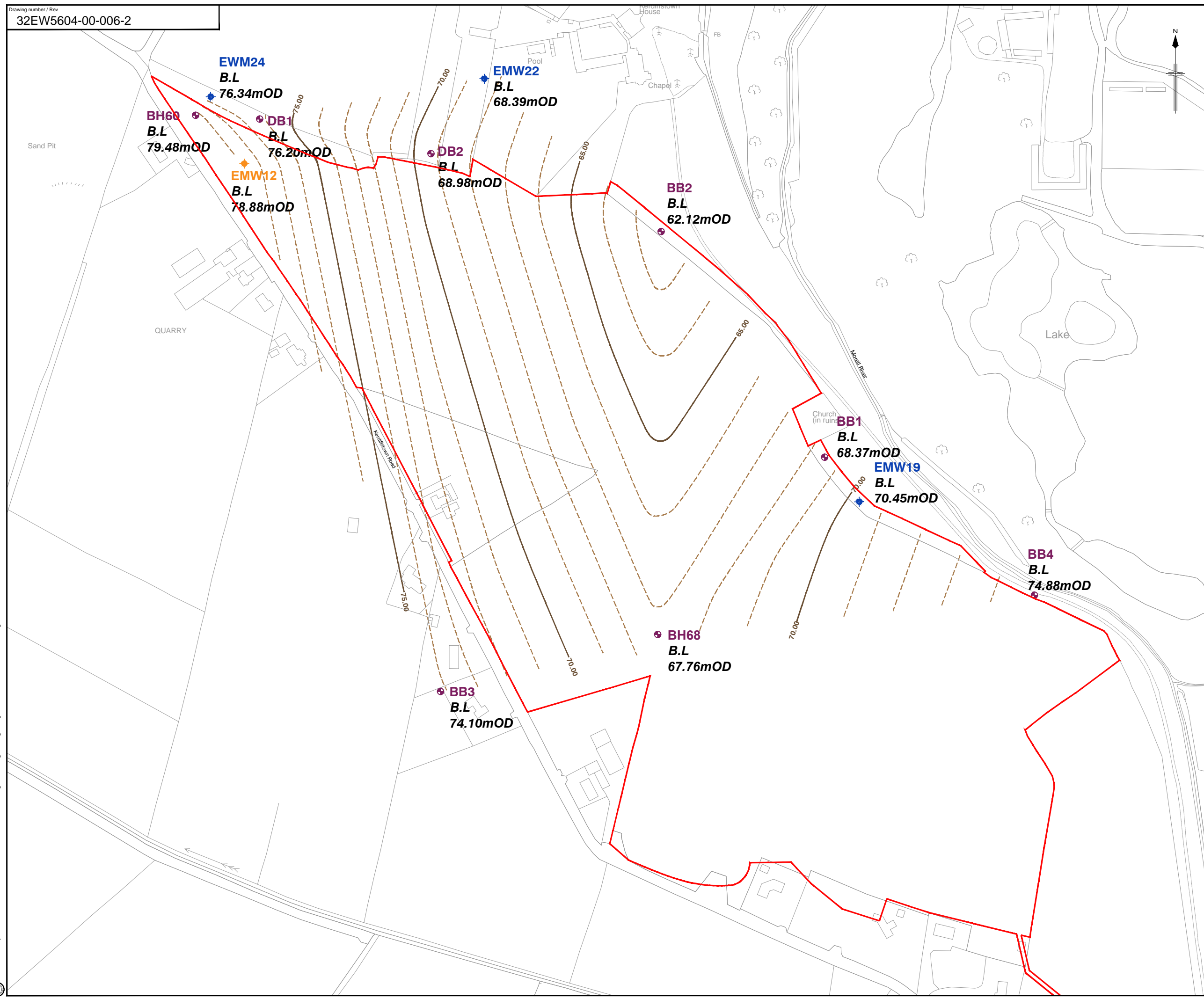
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FIGURE 12.8

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KEY:

- Licence Boundary
- Bedrock Contours - metres OD (Malin Head)
- Environmental Monitoring Well (2012 IGSL)
- Environmental Monitoring Well (2012 GSIL)
- Borehole (2016 IGSL)
- B.L.** Bedrock Level Recorded in Borehole - metres OD (Malin Head)



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
2	07/08/2017	EIAR SUBMISSION	AR	CD	CD	RR
1	30/06/2017	EIAR SUBMISSION	KMA	CD	CD	RR
0	31/10/2016	DRAFT EIS SUBMISSION	AR	MB	CD	RR



Project
KERDIFFSTOWN LANDFILL
REMEDATION PROJECT

Drawing title
FIGURE 12.8
BEDROCK ELEVATION

Drawing status
EIAR SUBMISSION






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Client no.	6286	

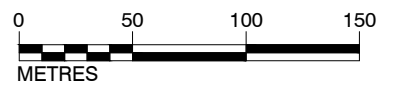
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KEY:

-  Licence Boundary
-  20.00 Depth to Bedrock - mbgl
-  Environmental Monitoring Well (2012 IGSL)
-  Environmental Monitoring Well (2012 GSIL)
-  Borehole (2016 IGSL)
- B.D** Bedrock Depth Recorded in Borehole - mbgl



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1	30/06/2017	EIAR SUBMISSION	KMA	CD	CD	RR
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Project
KERDIFFSTOWN LANDFILL
REMEDIATION PROJECT

Drawing title
FIGURE 12.9
DEPTH TO BEDROCK

Drawing status
EIAR SUBMISSION

Scale AS SHOWN @ A3 (DETAILS SHOWN ARE NOT FOR CONSTRUCTION PURPOSES HENCE DRAWING SHOULD NOT BE SCALED)

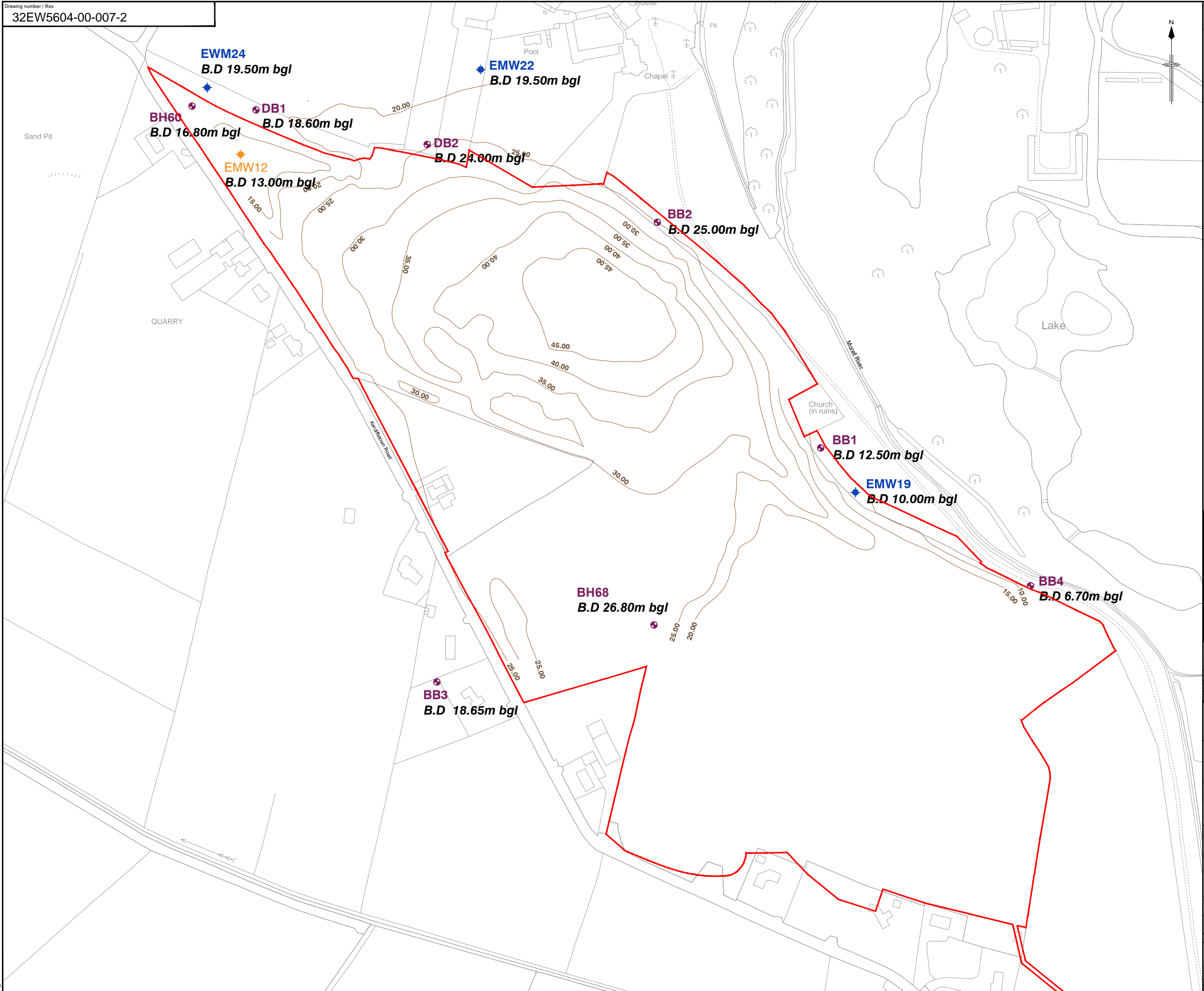
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Client no. 6286

Drawing number
32EW5604-00-007

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2

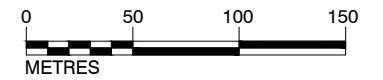
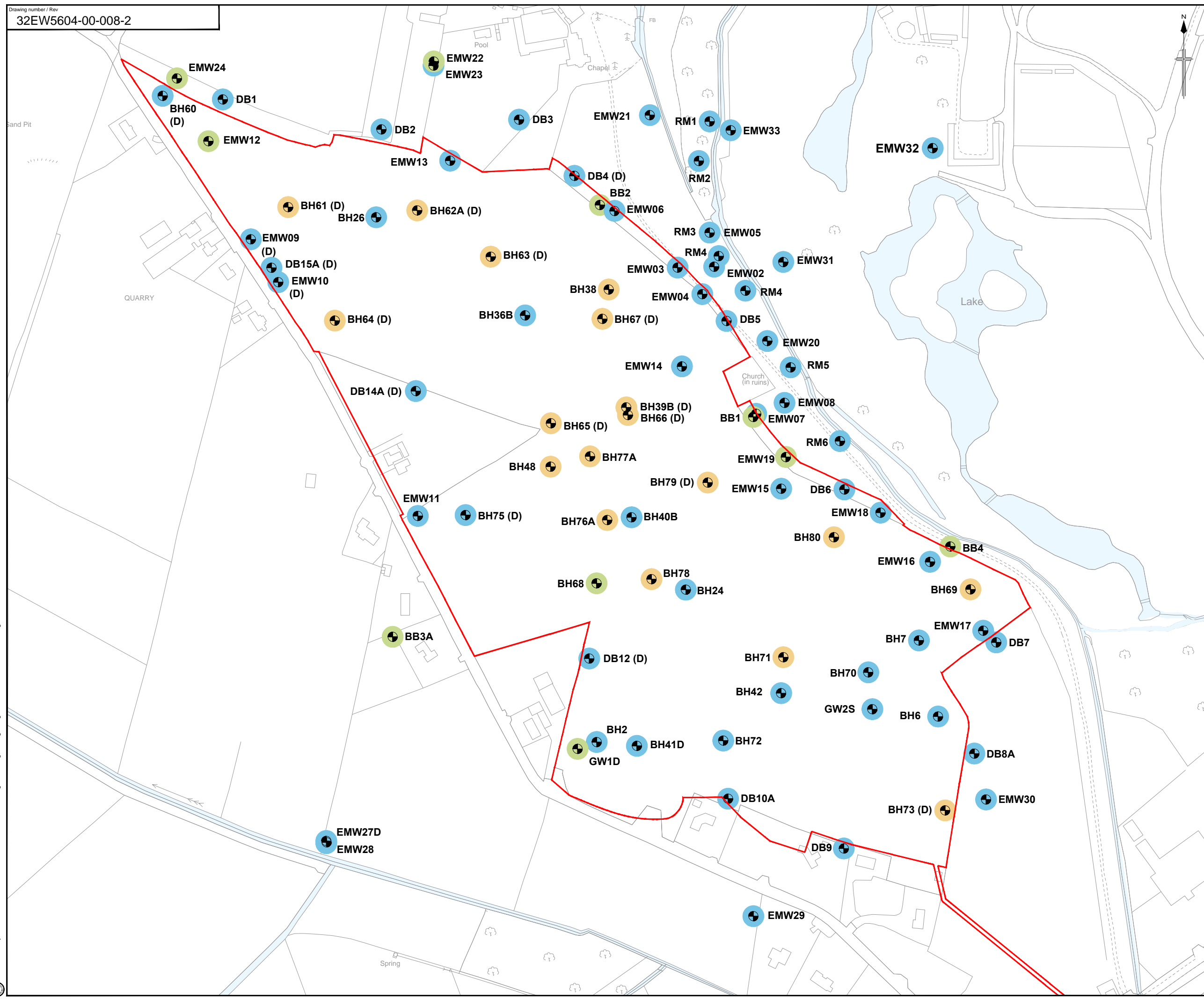
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KEY:

- Licence Boundary
- Groundwater Monitoring Point
- (D) Borehole Dry, January 2017
- Overburden GW
- Bedrock
- In-Waste Boreholes



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1	30/06/2017	EIAR SUBMISSION	KMA	CD	CD	RR
0	2/03/2017	DRAFT EIS SUBMISSION	AR	MB	CD	RR
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Client: Kildare County Council
Comhairle Contae Chill Dara

Project: KERDIFFSTOWN LANDFILL
REMEDIATION PROJECT

Drawing title: **FIGURE 12.12**
LOCATION OF GROUNDWATER
MONITORING WELLS

Drawing status: EIAR SUBMISSION

Scale: AS SHOWN @ A3
Client no.: 6286

Drawing number: 32EW5604-00-008
Rev: 2

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