

**ANNEX D**  
**Rotary Borehole Logs**



Terra Firma (Wales) Limited  
5 Deryn Court, Wharfedale Road  
Pentwyn, Cardiff  
CF23 7HA

Tel: 02920 735354  
info@terrafirmawales.co.uk  
www.terrafirmawales.co.uk

Borehole No.

**BH01D**

Sheet 1 of 1

Project Name: Celsa Mineral Site

Project No:  
14958

Co-ords:

Hole Type  
RO

Location:

Level:

Scale  
1:100

Client:

Dates: 04/12/2018 -

Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				6.50				MADE GROUND: Black ash and spoil (DRILLERS DESCRIPTION)	1
									2
									3
									4
									5
									6
				9.30				Black to brown, silty sand with gravel fragments (DRILLERS DESCRIPTION)	7
									8
									9
								Grey alluvium with gravels (DRILLERS DESCRIPTION)	10
									11
									12
									13
									14
									15
									16
									17
				18.30					18
				19.00				Brown, silty sandy GRAVEL (DRILLERS DESCRIPTION)	19
								End of Borehole at 19.000m	20

Remarks:



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Borehole No.

**BH01S**

Sheet 1 of 1

Project Name: Celsa Mineral Site Project No: 14958 Co-ords:

Hole Type  
RO

Location: Level:

Scale  
1:100

Client: Dates: 06/12/2018 -

Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				6.50				MADE GROUND: Black ash and spoil (DRILLERS DESCRIPTION)	1
									2
									3
									4
									5
									6
								End of Borehole at 6.500m	7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks:



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Borehole No.

**BH02D**

Sheet 1 of 1

Project Name: Celsa Mineral Site

Project No:  
14958

Co-ords:

Hole Type  
RO

Location:

Level:

Scale  
1:100

Client:

Dates: 06/12/2018 -

Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				6.40				MADED GROUND: Black ash and spoil (DRILLERS DESCRIPTION)	1
									2
									3
									4
									5
									6
				9.10				Black and brown, silty sand with gravel and cobbles (DRILLERS DESCRIPTION)	7
									8
								Grey clay alluvium (DRILLERS DESCRIPTION)	9
									10
									11
									12
									13
									14
									15
				16.80				Red-brown CLAY (DRILLERS DESCRIPTION)	17
				17.60				Red-brown weathered MARL (DRILLERS DESCRIPTION)	18
				19.00				End of Borehole at 19.000m	19
									20

Remarks:



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Borehole No.

**BH02S**

Sheet 1 of 1

Project Name: Celsa Mineral Site Project No: 14958 Co-ords:

Hole Type  
RO

Location: Level:

Scale  
1:100

Client: Dates: 07/12/2018 -

Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				3.50				MADE GROUND: Black ash and spoil (DRILLERS DESCRIPTION)	1
									2
									3
								End of Borehole at 3.500m	4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks: Shallow obstruction at 3.5m.



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Borehole No.

**BH03D**

Sheet 1 of 2

Project Name: Celsa Mineral Site

Project No:  
14958

Co-ords:

Hole Type  
RO

Location:

Level:

Scale  
1:100

Client:

Dates: 10/12/2018 -

Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				4.70				MADE GROUND (DRILLERS DESCRIPTION)	1
									2
									3
									4
								Sandy CLAY with gravel (DRILLERS DESCRIPTION)	5
									6
									7
				7.80				CLAY (DRILLERS DESCRIPTION)	8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks:



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Borehole No.

**BH03D**

Sheet 2 of 2

Project Name: Celsa Mineral Site

Project No:  
14958

Co-ords:

Hole Type  
RO

Location:

Level:

Scale  
1:100

Client:

Dates: 10/12/2018 -

Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
								CLAY (DRILLERS DESCRIPTION)	21
				22.30					22
								MARL (DRILLERS DESCRIPTION)	23
				23.70					24
								End of Borehole at 23.700m	25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks:



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Project Name: Celsa Mineral Site

Project No:  
14958

Co-ords:

Hole Type  
RO

Location:

Level:

Scale  
1:100

Client:

Dates: 07/12/2018 -

Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				6.00				MADE GROUND: Black, ashy spoil (DRILLERS DESCRIPTION)	1
									2
									3
									4
									5
									6
								End of Borehole at 6.000m	7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks: