

Appendix A



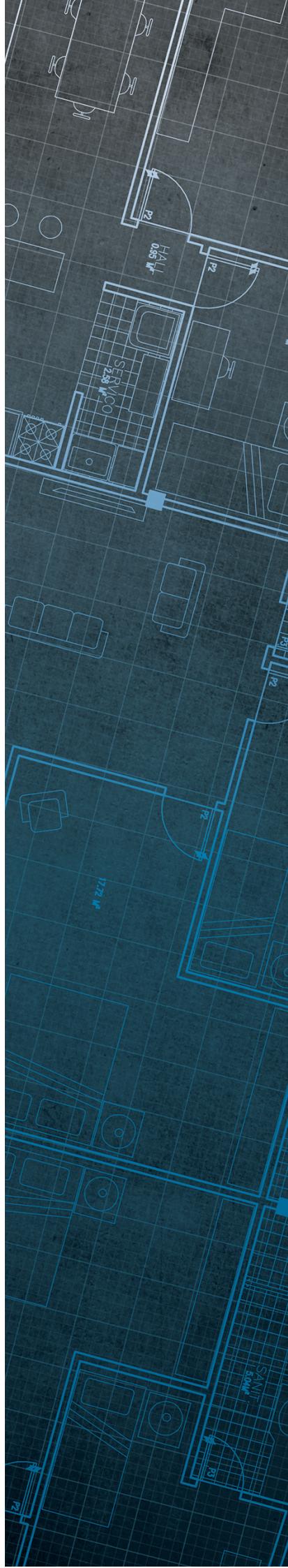
The Coal
Authority

Consultants Coal Mining Report

Talbot Green Si, Land Off A473,
Talbot Green, Llantrisant
Rhondda Cynon Taff

Date of enquiry: 20 December 2024
Date enquiry received: 20 December 2024
Issue date: 20 December 2024

Our reference: 51003470188001
Your reference: GS-JDR-XCI-F95-LWC



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

GROUNDSURE LIMITED

Enquiry address

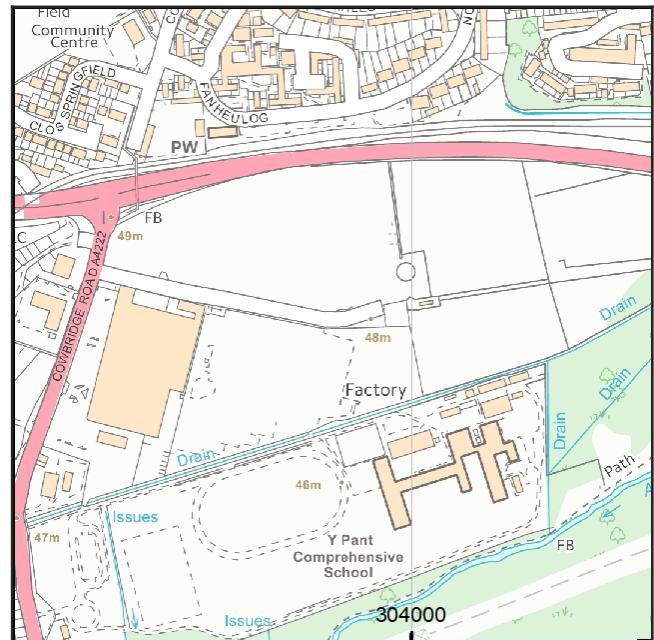
Talbot Green Si, Land Off A473, Talbot Green,
Llantrisant
Rhondda Cynon Taff

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

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Nottinghamshire
NG18 4RG

www.groundstability.com



Approximate position of property



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 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority

Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

None available.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
BUTE	Coal	Yes	198.7	East	87
FOUR FOOT	Coal	Yes	30.7	South	89
FOUR FOOT	Coal	Yes	Within	N/A	94
HAFOD	Coal	Yes	35.9	South	80
HAFOD	Coal	Yes	Within	N/A	80
HAFOD	Coal	Yes	45.8	South	89
LOWER NINE FOOT TOP LEAF	Coal	Yes	112.4	East	85
LOWER PENTRE	Coal	Yes	Within	N/A	81
NO.3 RHONDDA	Coal	Yes	Within	N/A	77
TORMYNYDD RIDER NO.2	Coal	No	Within	N/A	97
TWO FOOT NINE	Coal	Yes	Within	N/A	82
TWO FOOT NINE	Coal	Yes	Within	N/A	88
TWO FOOT NINE	Coal	Yes	14.4	South	90
TWO FOOT NINE	Coal	Yes	Within	N/A	91
TWO FOOT NINE	Coal	Yes	Within	N/A	92
TWO FOOT NINE	Coal	Yes	Within	N/A	96
UPPER SIX FEET	Coal	Yes	Within	N/A	81

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Faults under or close to the property recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

Distance to site investigation (m)	Direction
10.4	South

See Section 4 for further information.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Site investigations

The site is within an area of previous interest. It is close to where the Coal Authority has received information relating to past site investigations.

The site requires further investigation and may influence how you approach your risk assessment.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

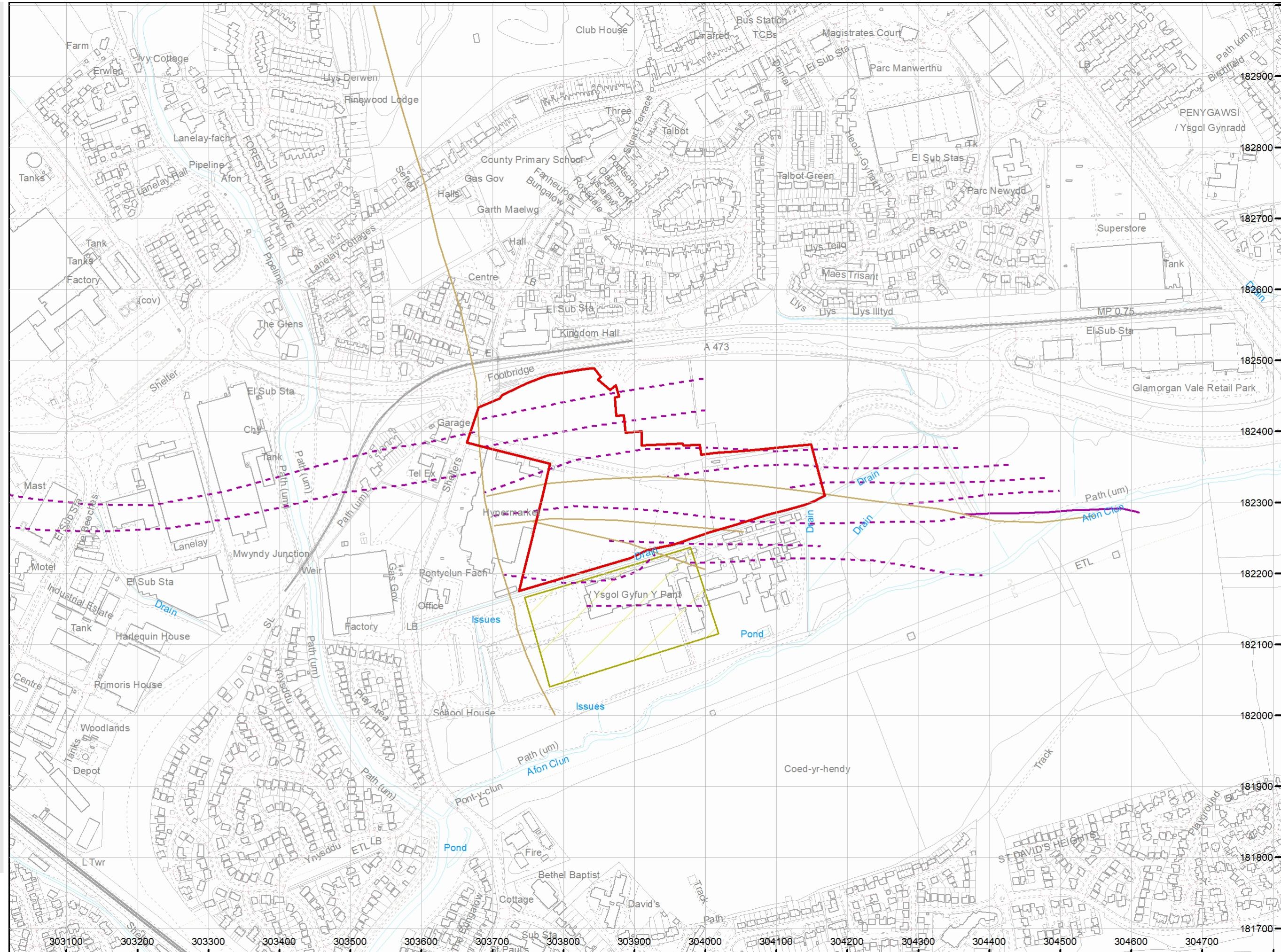
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

Summary of findings

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

- Approximate position of the enquiry boundary shown 
- Outcrop (Proven) 
- Outcrop (Conjectured) 
- Geological faults 
- Site investigations 


How to contact us

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Appendix B



Soil Mechanics

Borehole Log

Drilled	KO	Start	20/04/2011	Equipment, Methods and Remarks				Depth from	to	Diameter	Casing Depth	Ground Level	-				
Logged	KO	End	20/04/2011	Lorry Mounted Hards England 36 Hand excavated inspection pit GL - 1.20m. Rotary open hole 1.20 - 30.00m. Terminated on engineer's instruction.				0.00m	17.00m	152mm	17.00m	Coordinates	-	-			
Checked	AF							17.00m	30.00m	115mm		National Grid	-				
Samples and Tests					Strata												
Depth	Type & No	Records	Date Casing	Time Water	Description					Depth, Level / (Thickness)	Legend	Backfill/ Instruments					
			20/04/2011	0800	MADE GROUND. (Driller's description).					(0.90)							
1.50-1.95	SPT C	N=6 (1,1/0,2,2,2)			Medium dense becoming dense brown sandy silty sandstone gravel. (Driller's description).					0.90							
3.00-3.45	SPT C	N=18 (4,3/5,4,5,4)															
4.50-4.95	SPT C	N=25 (5,5/5,6,7,7)								(7.10)							
6.00-6.45	SPT C	N=27 (3,5/4,7,7,9)															
7.50-7.95	SPT C	N=35 (6,5/7,9,10,9)			7.00-8.00 m Dense.					8.00							
9.00-9.45	SPT C	N=11 (2,3/3,3,2,3)			Dark grey silty clay. (Driller's description).												
					Stratum continues to 14.10 m												
Depth	Type & No	Records	Date Casing	Time Water						Chiselling Depths (m)	Time	Tools used					
Groundwater Entries					Depth Related Remarks *												
No.	Struck (m)	Post strike behaviour		Depth sealed (m)	From to (m)												
1	4.40	Rose to 3.60 m after 20 minutes. Medium inflow		-													
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.																	
Scale 1:50					Project Talbot Green Town Centre, Llantrisant					Borehole							
(c) ESGL www.esgl.co.uk 408.24 19/05/2011 15:31:18					Project No. H1024-11					BHR1							
Carried out for Valad Developments (Llantrisant) Limited										Sheet 1 of 3							



Soil Mechanics

Borehole Log

Drilled	KO	Start	Equipment, Methods and Remarks			Depth from	to	Diameter	Casing Depth	Ground Level	-	
Logged	KO	20/04/2011	Lorry Mounted Hards England 36 Hand excavated inspection pit GL - 1.20m. Rotary open hole 1.20 - 30.00m. Terminated on engineer's instruction.			0.00m	17.00m	152mm	17.00m	Coordinates	-	-
Checked	AF	End				17.00m	30.00m	115mm		National Grid	-	
Samples and Tests					Strata							
Depth	Type & No	Records	Date Casing	Time Water	Description (Continued from Sheet 1)					Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
10.50-10.95	SPT C	N=5 (1,1/0,1,2,2)			Dark grey silty clay. (Driller's description).					(6.10)	x	
12.00-12.45	SPT C	N=6 (1,2/2,1,2,1)									x	
13.50-13.95	SPT C	N=14 (2,3/4,4,3,3)									x	
15.00-15.45	SPT C	N=21 (4,4/5,5,5,6)			Medium dense small to medium sandy gravel. (Driller's description).					14.10		
										(2.60)		
					Sandstone. (Driller's description).					16.70		
Depth	Type & No	Records	Date Casing	Time Water	Stratum continues to 30.00 m							
Groundwater Entries			Depth sealed		Depth Related Remarks *			Chiselling				
No.	Struck (m)	Post strike behaviour			From to (m)			Depths (m)	Time	Tools used		
2	17.00	Rose to 9.60 m after 20 minutes. Medium inflow										
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.												
Scale 1:50			(c) ESGL www.esgl.co.uk 408.24 19/05/2011 15:31:19		Project Talbot Green Town Centre, Llantrisant			Borehole				
			Project No. H1024-11					BHR1				
			Carried out for Valad Developments (Llantrisant) Limited					Sheet 2 of 3				



Soil Mechanics

Borehole Log

Drilled	KO	Start	20/04/2011	Equipment, Methods and Remarks				Depth from	to	Diameter	Casing Depth	Ground Level	-		
Logged	KO	End	20/04/2011	Lorry Mounted Hards England 36 Hand excavated inspection pit GL - 1.20m. Rotary open hole 1.20 - 30.00m. Terminated on engineer's instruction.				0.00m	17.00m	152mm	17.00m	Coordinates	-	-	
Checked	AF							17.00m	30.00m	115mm		National Grid	-		
Samples and Tests					Strata										
Depth	Type & No	Records	Date Casing	Time Water	Description (Continued from Sheet 2)								Depth, Level/ (Thickness)	Legend	Backfill/ Instruments
					Sandstone. (Driller's description).										

Borehole Log



Soil Mechanics

Borehole Log

Drilled Logged Checked	KO KO AF	Start 05/04/2011 End 05/04/2011	Equipment, Methods and Remarks Lorry Mounted Hards England 36 Hand excavated inspection pit GL - 1.20m. Rotary open hole 1.20 - 30.00m. Terminated on engineer's instruction.				Depth from 0.00m 16.50m	to 16.50m 30.00m	Diameter 152mm 115mm	Casing Depth 16.50m	Ground Level Coordinates National Grid Chainage	- - -			
Samples and Tests					Strata										
Depth	Type & No	Records	Date Casing	Time Water	Description (Continued from Sheet 1)				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments				
					Sandy brown silt. (Driller's description).				(2.70)						
					Brown and grey silty clay. (Driller's description).				12.00						
					Red silty clay with small to medium sandy sandstone gravel. (Driller's description).				13.40						
13.50-13.95	SPT C	N=48 (7,10/11,11,12,14)													
15.00-15.21	SPT C	50 (20,5/50 for 60mm)							(2.20)						
16.00-16.13	SPT C	50 (25/50 for 55mm)			Dense grey sandstone. (Driller's description).				15.60						
17.50-17.64	SPT C	50 (25/50 for 64mm)													
					Stratum continues to 30.00 m										
Depth	Type & No	Records	Date Casing	Time Water	Depth Related Remarks * From to (m)				Chiselling Depths (m)	Time	Tools used				
Groundwater Entries															
No.	Struck (m)	Post strike behaviour	Depth sealed (m)												
2	13.50	Rose to 6.80 m after 20 minutes. Fast flow	-												
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.															
Scale 1:50			(c) ESGL www.esgl.co.uk 408.24 19/05/2011 15:31:25				Project Talbot Green Town Centre, Llantrisant Project No. H1024-11 Carried out for Valad Developments (Llantrisant) Limited								
Borehole BHR2 Sheet 2 of 3															





Soil Mechanics

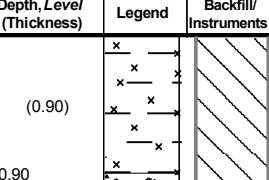
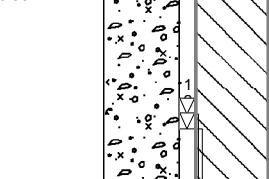
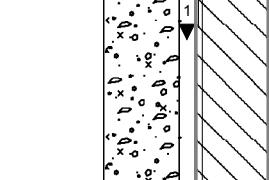
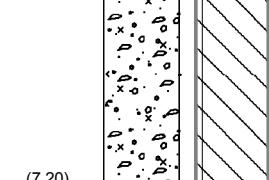
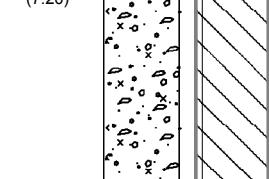
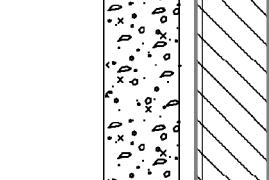
Borehole Log

Drilled	KO	Start	05/04/2011	Equipment, Methods and Remarks				Depth from	to	Diameter	Casing Depth	Ground Level	-		
Logged	KO	End	05/04/2011	Lorry Mounted Hards England 36 Hand excavated inspection pit GL - 1.20m. Rotary open hole 1.20 - 30.00m. Terminated on engineer's instruction.				0.00m	16.50m	152mm	16.50m	Coordinates	-	-	
Checked	AF							16.50m	30.00m	115mm		National Grid	-		
Samples and Tests					Strata										
Depth	Type & No	Records	Date Casing	Time Water	Description (Continued from Sheet 2)								Depth, Level / (Thickness)	Legend	Backfill/ Instruments
					Dense grey sandstone. (Driller's description).										
													(14.40)		



Soil Mechanics

Borehole Log

Drilled	KO	Start	Equipment, Methods and Remarks			Depth from	to	Diameter	Casing Depth	Ground Level	-			
Logged	KO	18/04/2011	Lorry Mounted Hards England 36 Hand excavated inspection pit GL - 1.20m. Rotary open hole 1.20 - 30.00m. Terminated on engineer's instruction.			0.00m	17.50m	152mm	17.50m	Coordinates	-			
Checked	AF	End	18/04/2011			17.50m	30.00m	115mm	17.50m	National Grid	-			
Samples and Tests					Strata									
Depth	Type & No	Records	Date Casing	Time Water	Description						Depth, Level / (Thickness)	Legend	Backfill/ Instruments	
1.50-1.95	SPT C	N=15 (2,3/3,4,4,4)	18/04/2011	0800	Brown silty clay. (Driller's description).						(0.90)			
3.00-3.45	SPT C	N=22 (3,4/5,6,5,6)			Medium dense becoming dense brown sandy silty sandstone gravel. (Driller's description).						0.90			
4.50-4.95	SPT C	N=11 (2,1/2,3,3,3)									(7.20)			
6.00-6.45	SPT C	N=31 (2,3/7,10,7,7)									6.00-7.95 m Dense.			
7.50-7.95	SPT C	N=33 (3,4/7,8,9,9)									8.10			
9.00-9.45	SPT C	N=9 (1,2/2,2,3,2)												
Depth	Type & No	Records	Date Casing	Time Water	Stratum continues to 16.20 m									
Groundwater Entries			Depth sealed (m)		Depth Related Remarks * From to (m)				Chiselling Depths (m)		Time	Tools used		
No.	Struck (m)	Post strike behaviour												
1	2.30	Rose to 1.70 m after 20 minutes. Medium flow												
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.														
Scale 1:50			(c) ESGL www.esgl.co.uk 408.24 19/05/2011 15:31:35		Project Talbot Green Town Centre, Llantrisant Project No. H1024-11 Carried out for Valad Developments (Llantrisant) Limited						Borehole BHR4 Sheet 1 of 3			



Soil Mechanics

Borehole Log

Drilled Logged Checked	KO KO AF	Start 18/04/2011 End 18/04/2011	Equipment, Methods and Remarks Lorry Mounted Hards England 36 Hand excavated inspection pit GL - 1.20m. Rotary open hole 1.20 - 30.00m. Terminated on engineer's instruction.				Depth from 0.00m 17.50m	to 17.50m 30.00m	Diameter 152mm 115mm	Casing Depth 17.50m	Ground Level Coordinates National Grid Chainage	- - -	
Samples and Tests					Strata								
Depth	Type & No	Records	Date Casing	Time Water	Description (Continued from Sheet 1)				Depth, Level/ (Thickness)	Legend	Backfill/ Instruments		
10.50-10.95	SPT C	N=5 (1,0/1,1,2,1)			Dark grey silty clay. (Driller's description).					x			
12.00-12.45	SPT C	N=4 (2,1/1,0,1,2)								x			
13.50-13.95	SPT C	N=3 (1,0/1,0,1,1)								x			
15.00-15.45	SPT C	N=6 (1,1/1,1,2,2)								x			
					Small to medium sandy gravel. (Driller's description).			16.20					
					Limestone. (Driller's description).			17.00					
					Stratum continues to 30.00 m								
Depth	Type & No	Records	Date Casing	Time Water	Depth sealed (m)				Chiselling Depths (m)	Time	Tools used		
Groundwater Entries					Depth Related Remarks *								
No.	Struck (m)	Post strike behaviour			From	to (m)							
2	16.50	Rose to 1.80 m after 20 minutes. Fast flow											
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.													
Scale 1:50					(c) ESGL www.esgl.co.uk 408.24 19/05/2011 15:31:37								
					Project Project No. Carried out for								
					Talbot Green Town Centre, Llantrisant H1024-11 Valad Developments (Llantrisant) Limited								
									Borehole BHR4				
									Sheet 2 of 3				

Borehole Log

Appendix C

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date: 23/09/2025

Driller: APEX-DT.

End date: 24/09/2025

Logged by: APEX-DT.

Backfill date: 24/09/2025

Date logged: 23/09/2025

Project Name:
Proposed Residential & Commercial Development (CMRA)

Site Location:
Talbot Green.
Client:
Talbot Green Developments Ltd.

Project No:
9211.02b

Drilling method
Rotary open hole

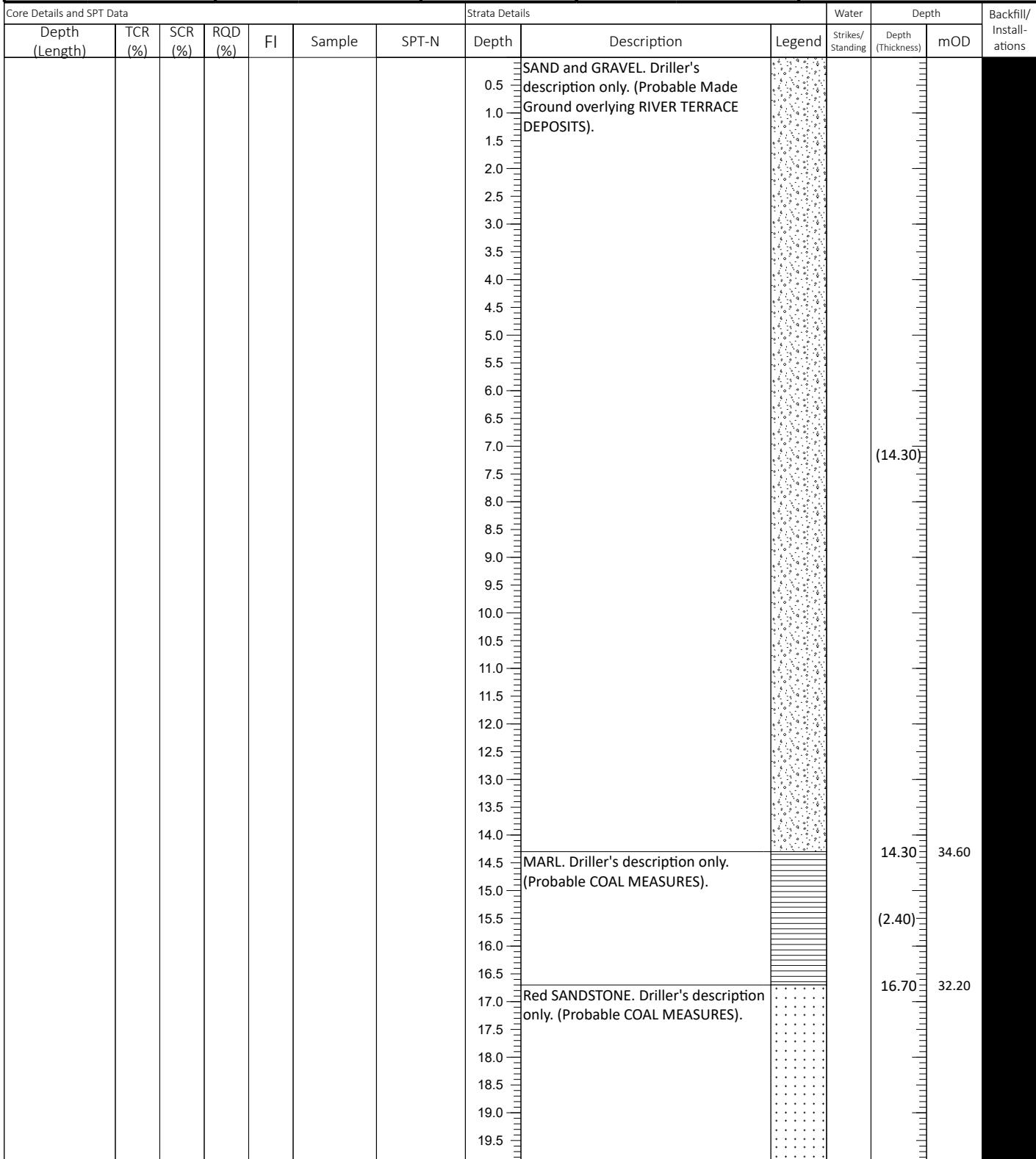
Equipment
KLEMM.

Ground Level: 48.90 mOD

Easting: 303799 m

Northing: 182419 m

RO201



Progress & Standing Water Levels

Water Strikes

Date	Time	Hole Depth	Casing Depth	Water Depth	Water Strikes							Hole Diameter			Casing Diameter		
					Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed				Hole Depth	Hole Diameter	Casing Diameter

General Remarks

- Grid reference approximate only, interpolated from available information.
- Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
- Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date: 23/09/2025

Driller: APEX-DT.

End date: 24/09/2025

Logged by: APEX-DT.

Backfill date: 24/09/2025

Date logged: 23/09/2025

Project Name:
Proposed Residential & Commercial Development (CMRA)

Site Location:
Talbot Green.

Client:

Talbot Green Developments Ltd.

Project No:

9211.02b

Drilling method

Rotary open hole

Equipment

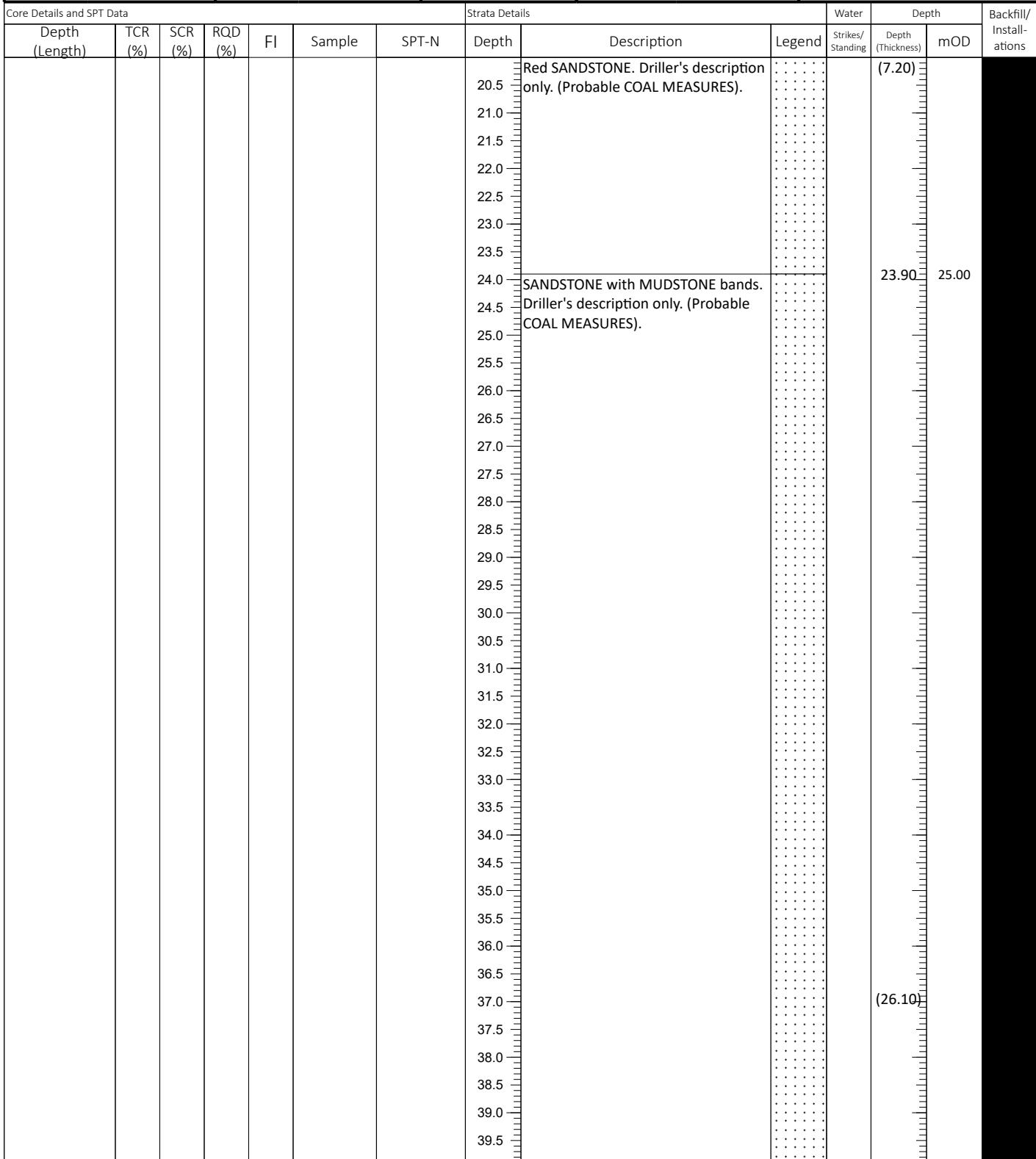
KLEMM.

Ground Level: 48.90 mOD

Easting: 303799 m

Northing: 182419 m

RO201



Progress & Standing Water Levels

Water Strikes

Date	Time	Hole Depth	Casing Depth	Water Depth	Water Strikes							Hole Diameter			Casing Diameter	
					Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth	

General Remarks

- Grid reference approximate only, interpolated from available information.
- Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
- Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date:	23/09/2025	Driller:	APEX-DT.	Client:
End date:	24/09/2025	Logged by:	APEX-DT.	Project No:
Backfill date:	24/09/2025	Date logged:	23/09/2025	9211.02b

RO201

Core Details and SPT Data							Strata Details			Water	Depth		Backfill/ Installations
Depth (Length)	TCR (%)	SCR (%)	RQD (%)	FI	Sample	SPT-N	Depth	Description	Legend	Strikes/ Standing	Depth (Thickness)	mOD	
							40.5	SANDSTONE with MUDSTONE bands. Driller's description only. (Probable COAL MEASURES).	50.00	-1.10
							41.0			
							41.5			
							42.0			
							42.5			
							43.0			
							43.5			
							44.0			
							44.5			
							45.0			
							45.5			
							46.0			
							46.5			
							47.0			
							47.5			
							48.0			
							48.5			
							49.0			
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							56.0						
							56.5						
							57.0						
							57.5						
							58.0						
							58.5						
							59.0						
							59.5						

General Remarks

1. Grid reference approximate only, interpolated from available information.
2. Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
3. Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date: 24/09/2025

Driller: APEX-DT.

End date: 25/09/2025

Logged by: APEX-DT.

Backfill date: 25/09/2025

Date logged: 24/09/2025

Project Name:
Proposed Residential & Commercial Development (CMRA)

Site Location:
Talbot Green.
Client:
Talbot Green Developments Ltd.

Project No:
9211.02b

Drilling method
Rotary open hole

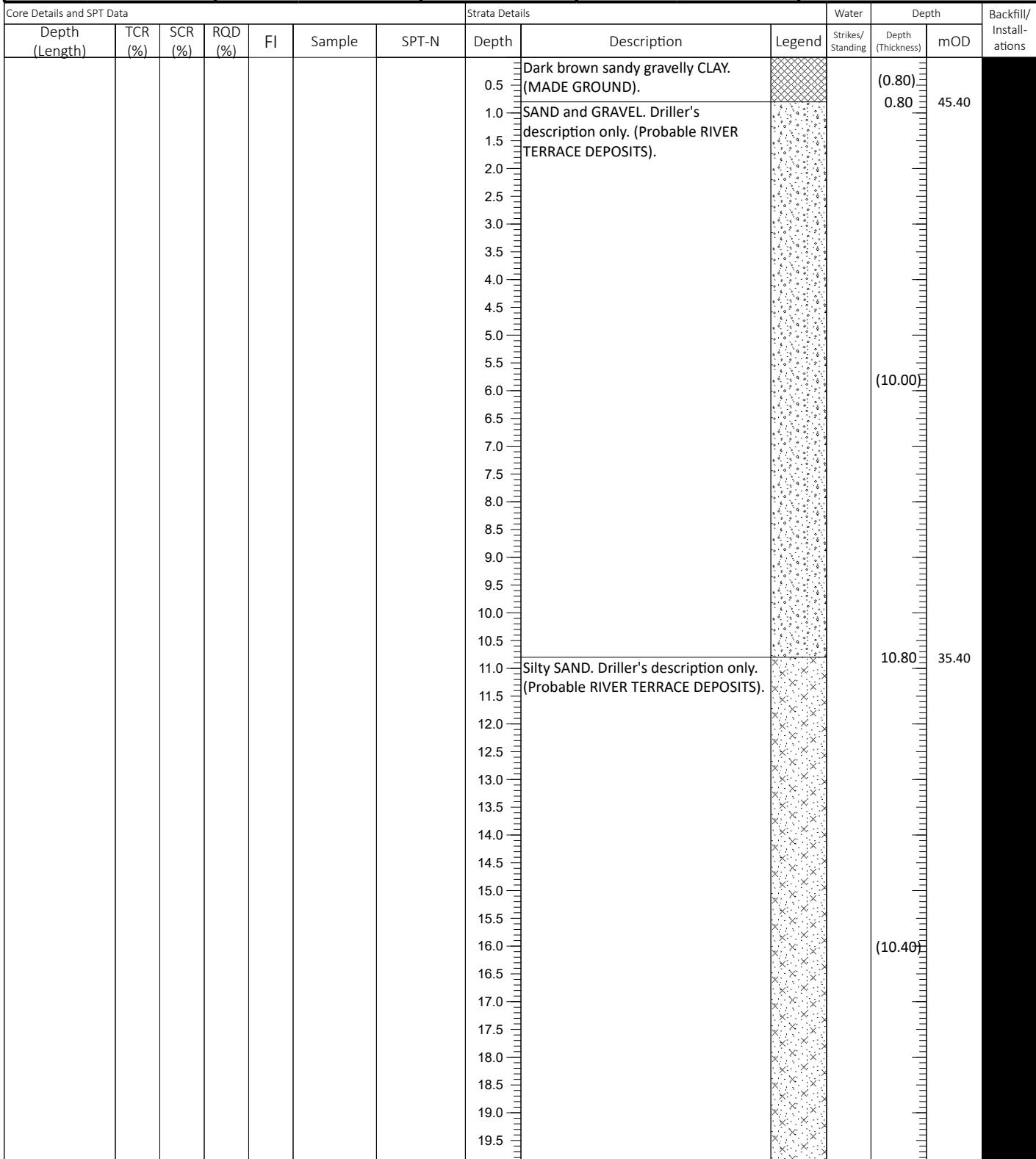
Equipment
KLEMM.

Ground Level: 46.20 mOD

Easting: 303968 m

Northing: 182296 m

RO202



Progress & Standing Water Levels					Water Strikes							Hole Diameter			Casing Diameter	
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth	

General Remarks

- Grid reference approximate only, interpolated from available information.
- Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
- Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date: 24/09/2025

Driller: APEX-DT.

End date: 25/09/2025

Logged by: APEX-DT.

Backfill date: 25/09/2025

Date logged: 24/09/2025

Project Name:
Proposed Residential & Commercial Development (CMRA)

Site Location:
Talbot Green.
Client:
Talbot Green Developments Ltd.

Project No:
9211.02b

Drilling method
Rotary open hole

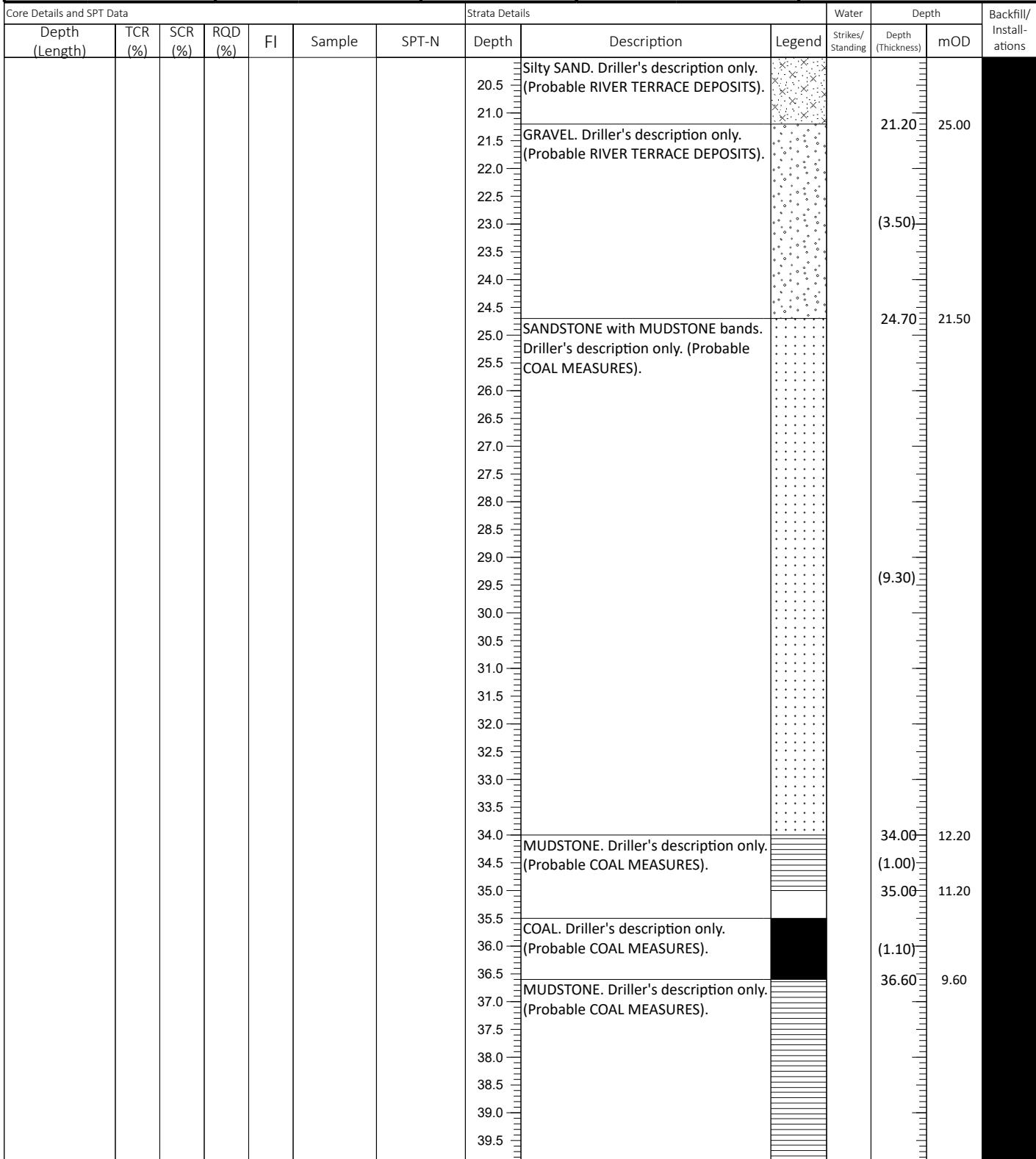
Equipment
KLEMM.

Ground Level: 46.20 mOD

Easting: 303968 m

Northing: 182296 m

RO202



Progress & Standing Water Levels					Water Strikes							Hole Diameter			Casing Diameter	
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth	

General Remarks

- Grid reference approximate only, interpolated from available information.
- Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
- Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date: 24/09/2025

Driller: APEX-DT.

End date: 25/09/2025

Logged by: APEX-DT.

Backfill date: 25/09/2025

Date logged: 24/09/2025

Project Name:
Proposed Residential &
Commercial Development
(CMRA)

Site Location:
Talbot Green.
Client:
Talbot Green Developments Ltd.

Project No:
9211.02b

Drilling method
Rotary open hole

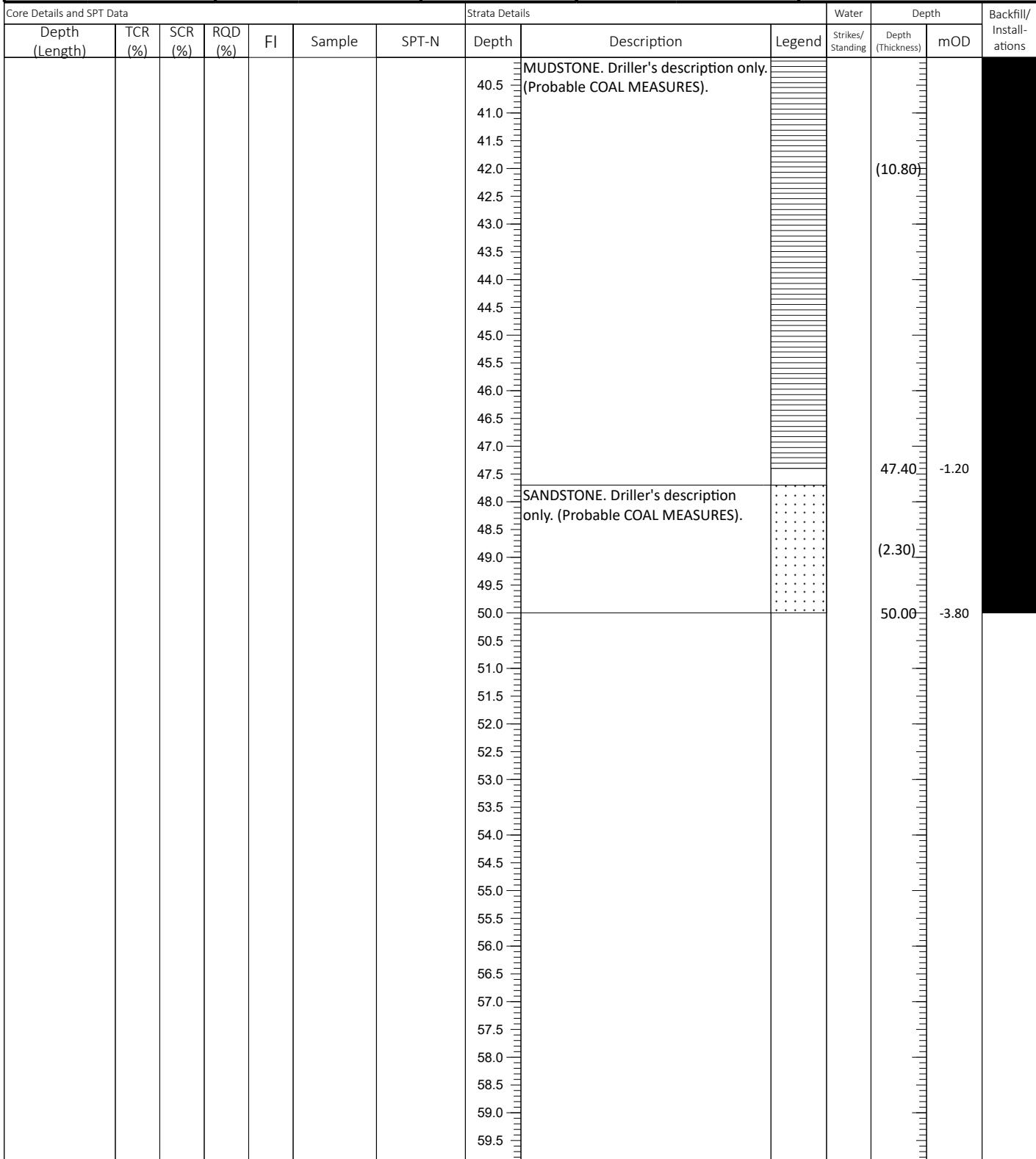
Equipment
KLEMM.

Ground Level: 46.20 mOD

Easting: 303968 m

Northing: 182296 m

RO202



Progress & Standing Water Levels					Water Strikes							Hole Diameter			Casing Diameter			
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed				Hole Depth	Hole Diameter	Casing Diameter	Casing Depth

General Remarks

- Grid reference approximate only, interpolated from available information.
- Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
- Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date: 25/09/2025

Driller: APEX-DT.

End date: 26/09/2025

Logged by: APEX-DT.

Backfill date: 26/09/2025

Date logged: 25/09/2025

Project Name:
Proposed Residential & Commercial Development (CMRA)

Site Location:
Talbot Green.
Client:
Talbot Green Developments Ltd.

Project No:
9211.02b

Drilling method
Rotary open hole

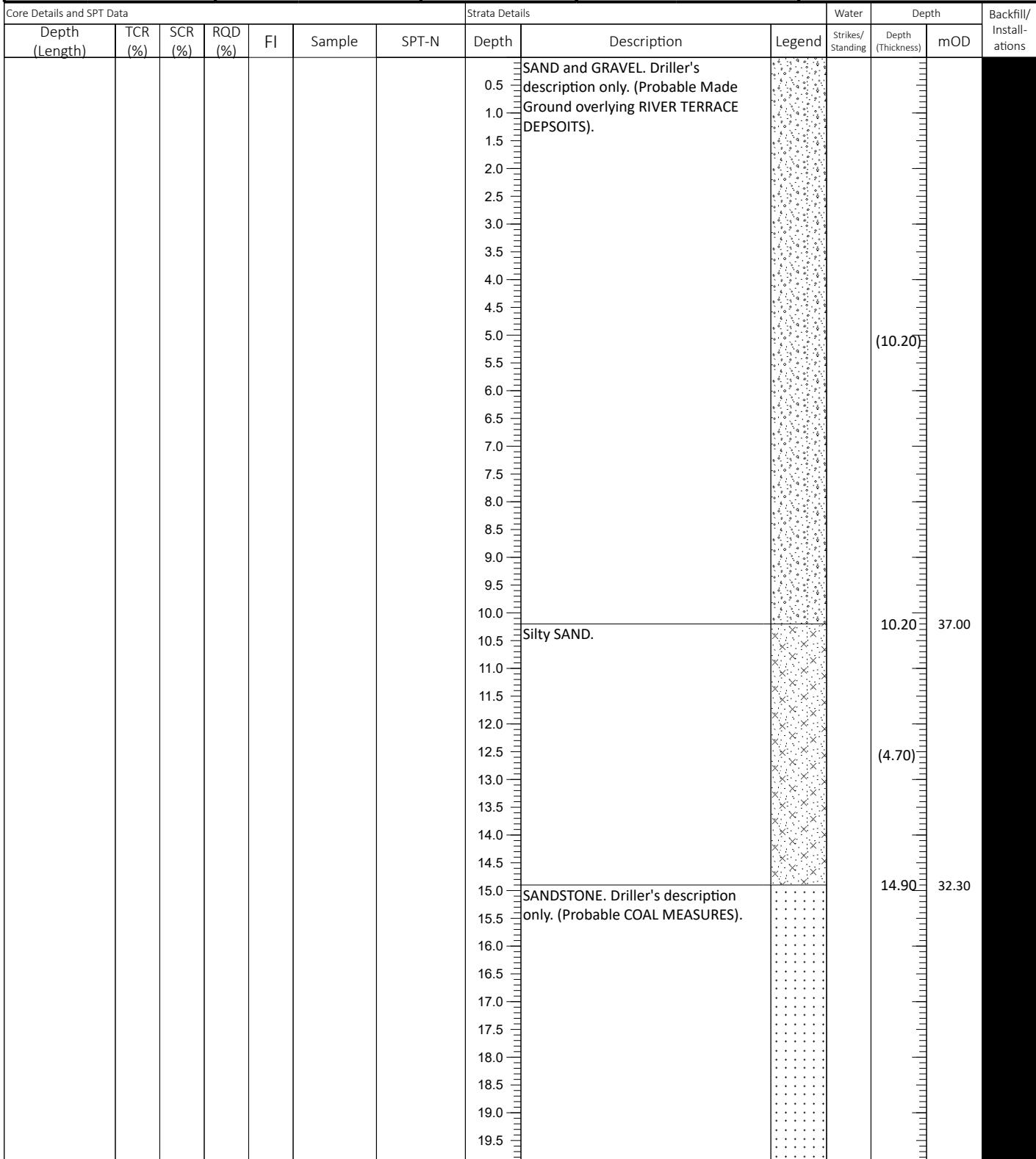
Equipment
KLEMM.

Ground Level: 47.20 mOD

Easting: 303823 m

Northing: 182245 m

RO203



Progress & Standing Water Levels

Water Strikes

Date	Time	Hole Depth	Casing Depth	Water Depth	Water Strikes							Hole Diameter			Casing Diameter		
					Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed				Hole Depth	Hole Diameter	Casing Diameter

General Remarks

- Grid reference approximate only, interpolated from available information.
- Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
- Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date: 25/09/2025

Driller: APEX-DT.

End date: 26/09/2025

Logged by: APEX-DT.

Backfill date: 26/09/2025

Date logged: 25/09/2025

Project Name:
Proposed Residential & Commercial Development (CMRA)

Site Location:
Talbot Green.
Client:
Talbot Green Developments Ltd.

Project No:
9211.02b

Drilling method
Rotary open hole

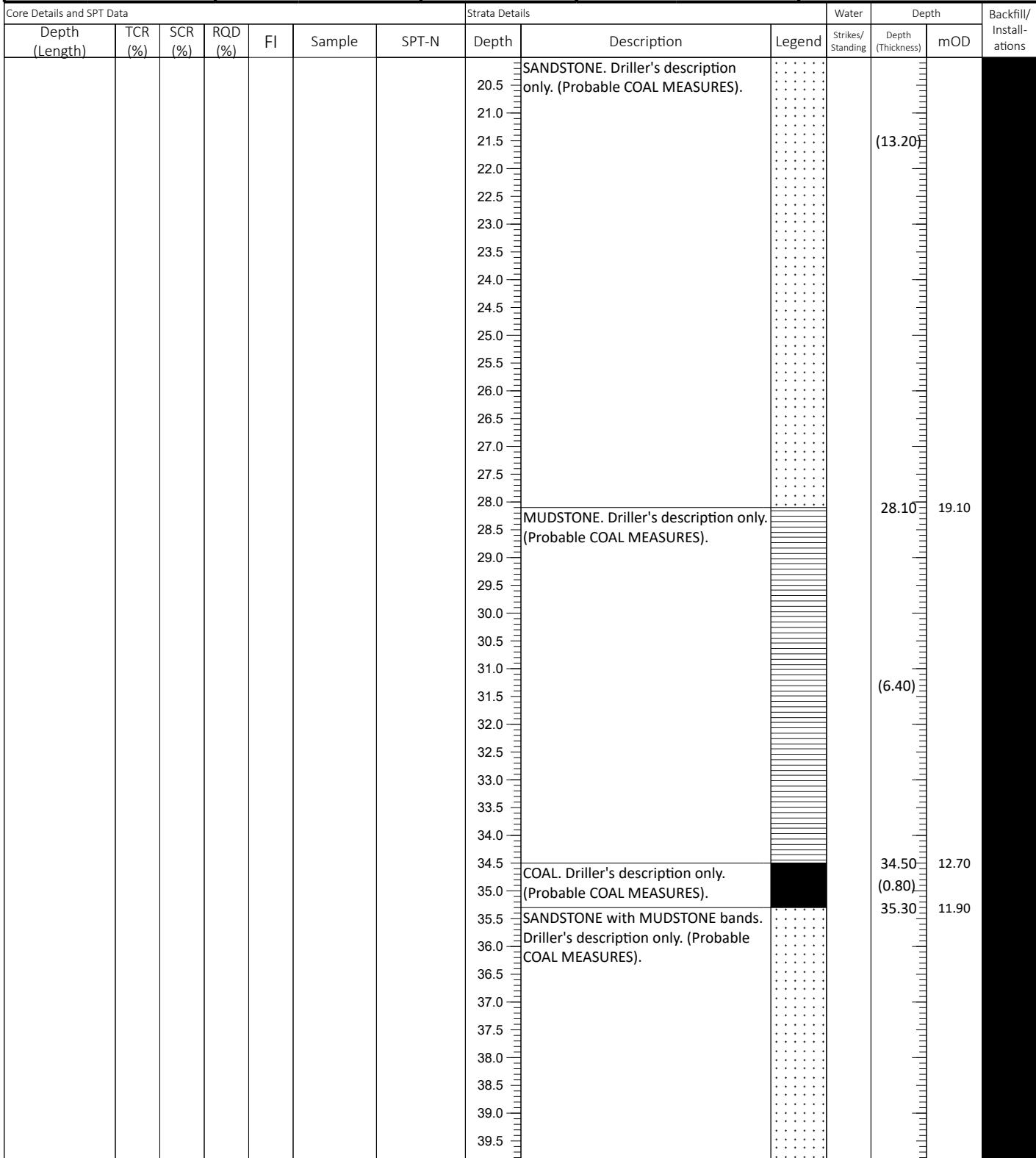
Equipment
KLEMM.

Ground Level: 47.20 mOD

Easting: 303823 m

Northing: 182245 m

RO203



Progress & Standing Water Levels

Water Strikes

Date	Time	Hole Depth	Casing Depth	Water Depth	Water Strikes							Hole Diameter			Casing Diameter	
					Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth	

General Remarks

- Grid reference approximate only, interpolated from available information.
- Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
- Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Start date: 25/09/2025

Driller: APEX-DT.

End date: 26/09/2025

Logged by: APEX-DT.

Backfill date: 26/09/2025

Date logged: 25/09/2025

Project Name:
Proposed Residential & Commercial Development (CMRA)

Site Location:
Talbot Green.
Client:
Talbot Green Developments Ltd.

Project No:
9211.02b

Drilling method
Rotary open hole

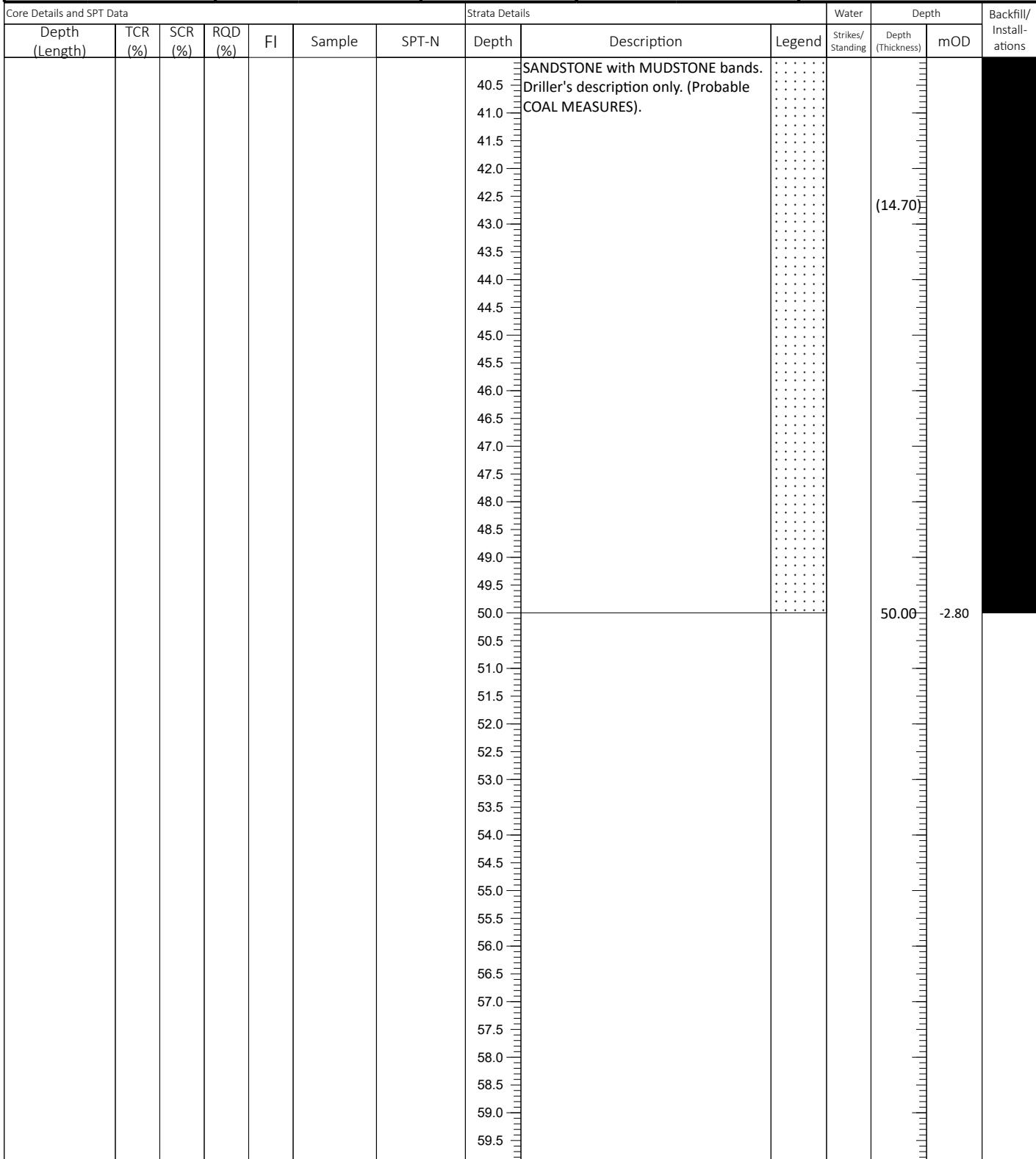
Equipment
KLEMM.

Ground Level: 47.20 mOD

Easting: 303823 m

Northing: 182245 m

RO203



Progress & Standing Water Levels					Water Strikes								Hole Diameter			Casing Diameter	
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed		Hole Depth	Hole Diameter	Casing Diameter	Casing Depth	

General Remarks

- Grid reference approximate only, interpolated from available information.
- Ground level approximate only, interpolated from Topographical Survey provided by Maska Group after Total Surveying Solutions Ltd (ref: TAL01).
- Borehole terminated at 50m target depth for mining investigation and backfilled with bentonite.