

## 2018 FOUNDATION ZONE PLAN

Project: Moneystone Park  
 Job No: 418055  
 Client: Laver Leisure

**Fig**



4 Neville Street WF1 5EF Tel: 01924 376622  
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1:5,000 @ A3



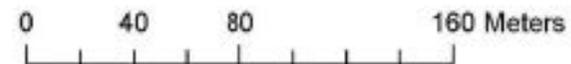


- Legend**
- Infill
  - Excavation 0-1m
  - Excavation 1-2m
  - Excavation 2-3m
  - Excavation 3-4m



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**2018 EARTHWORKS HEATMAP Q1**

Project: Moneystone Park  
Job No: 418055  
Client: Laver Leisure

**Fig 2H1**



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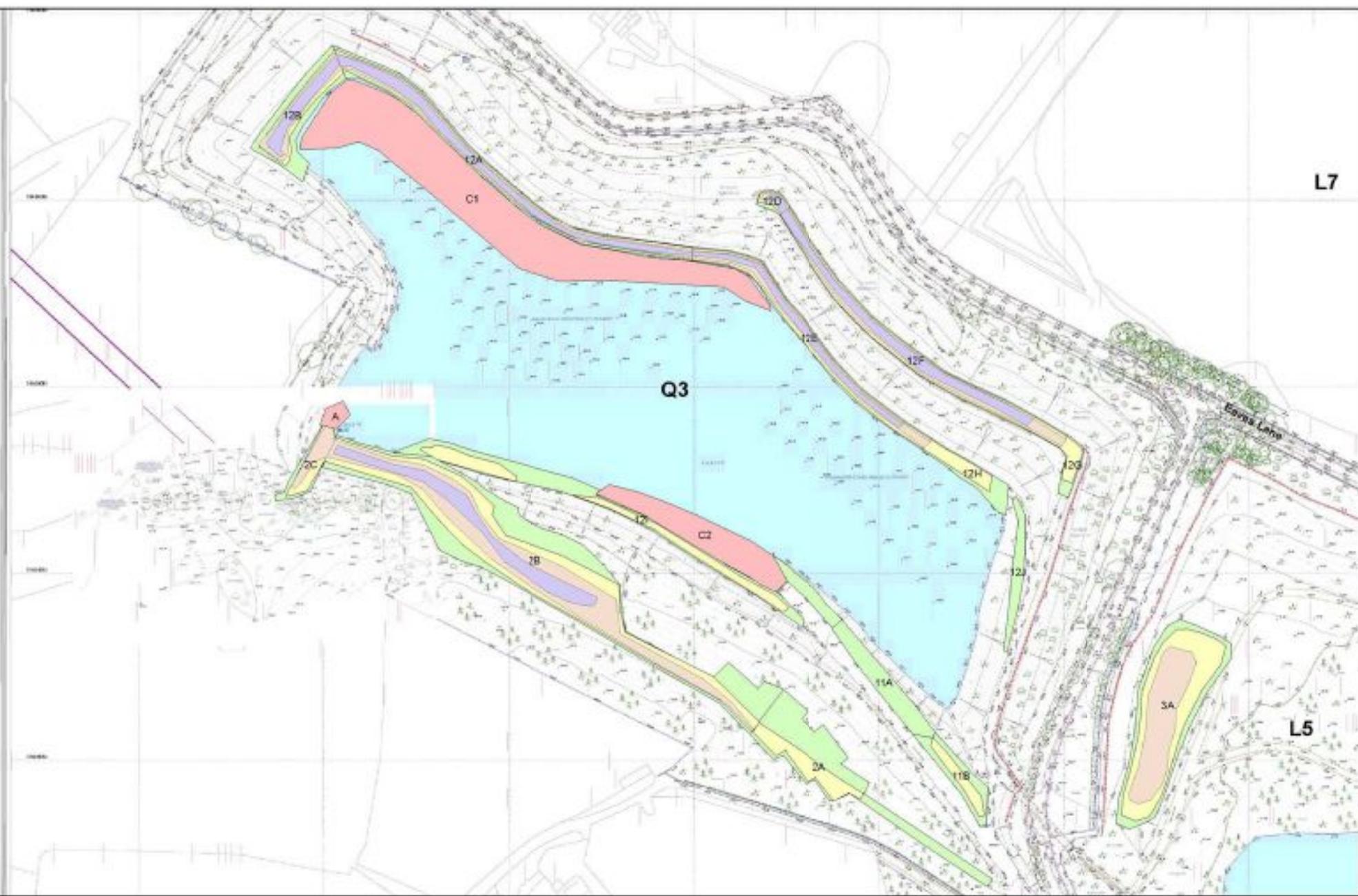
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**2018 EARTHWORKS HEATMAP Q1**

Project: Moneystone Park  
Job No: 418055  
Client: Laver Leisure

**Fig 2H2**



- Legend**
-  Infill
  -  Excavation 0-1m
  -  Excavation 1-2m
  -  Excavation 2-3m
  -  Excavation 3-4m



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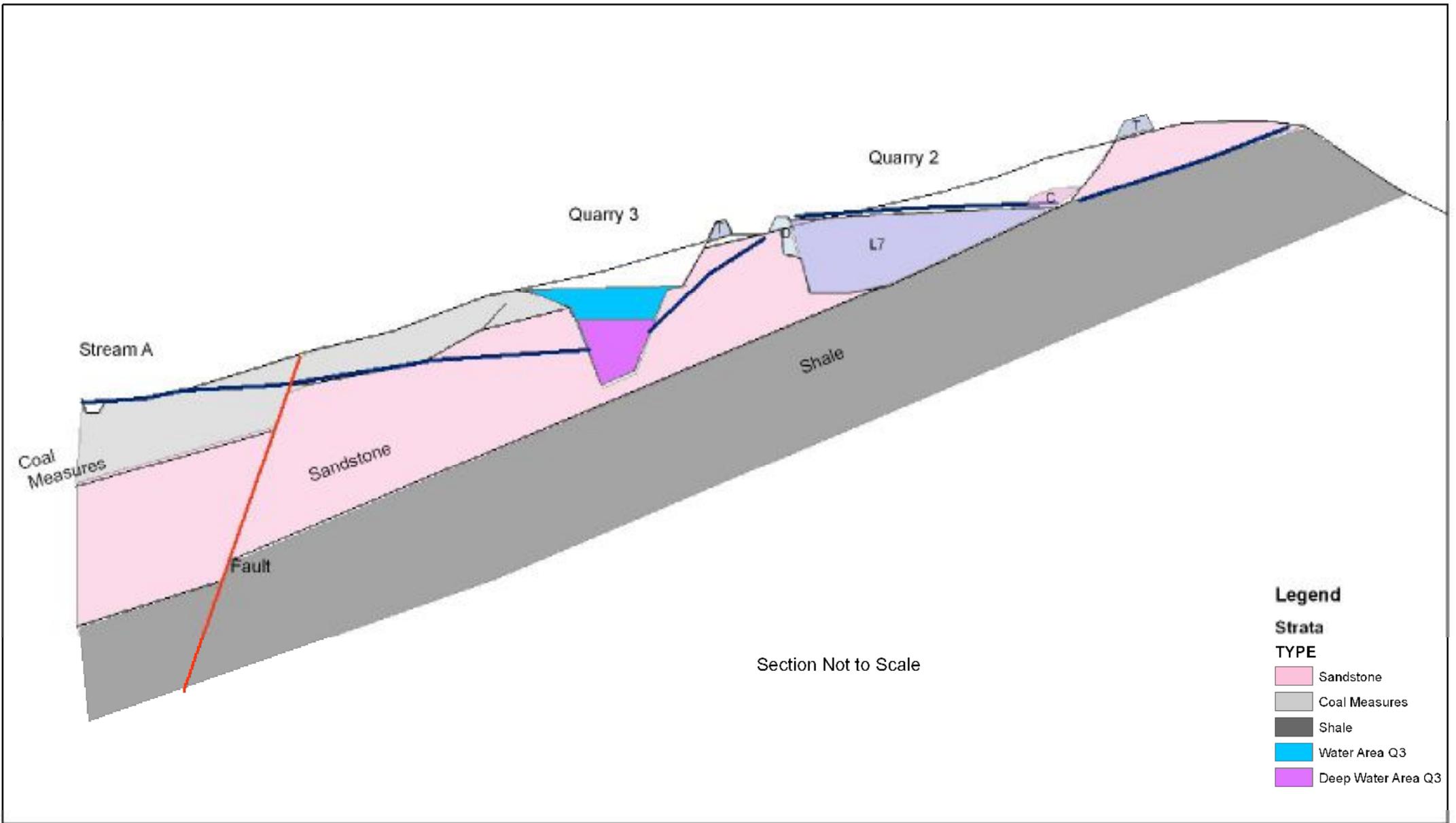
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**2018 EARTHWORKS HEATMAP Q3**

Project: Moneystone Park  
Job No: 418055  
Client: Laver Leisure

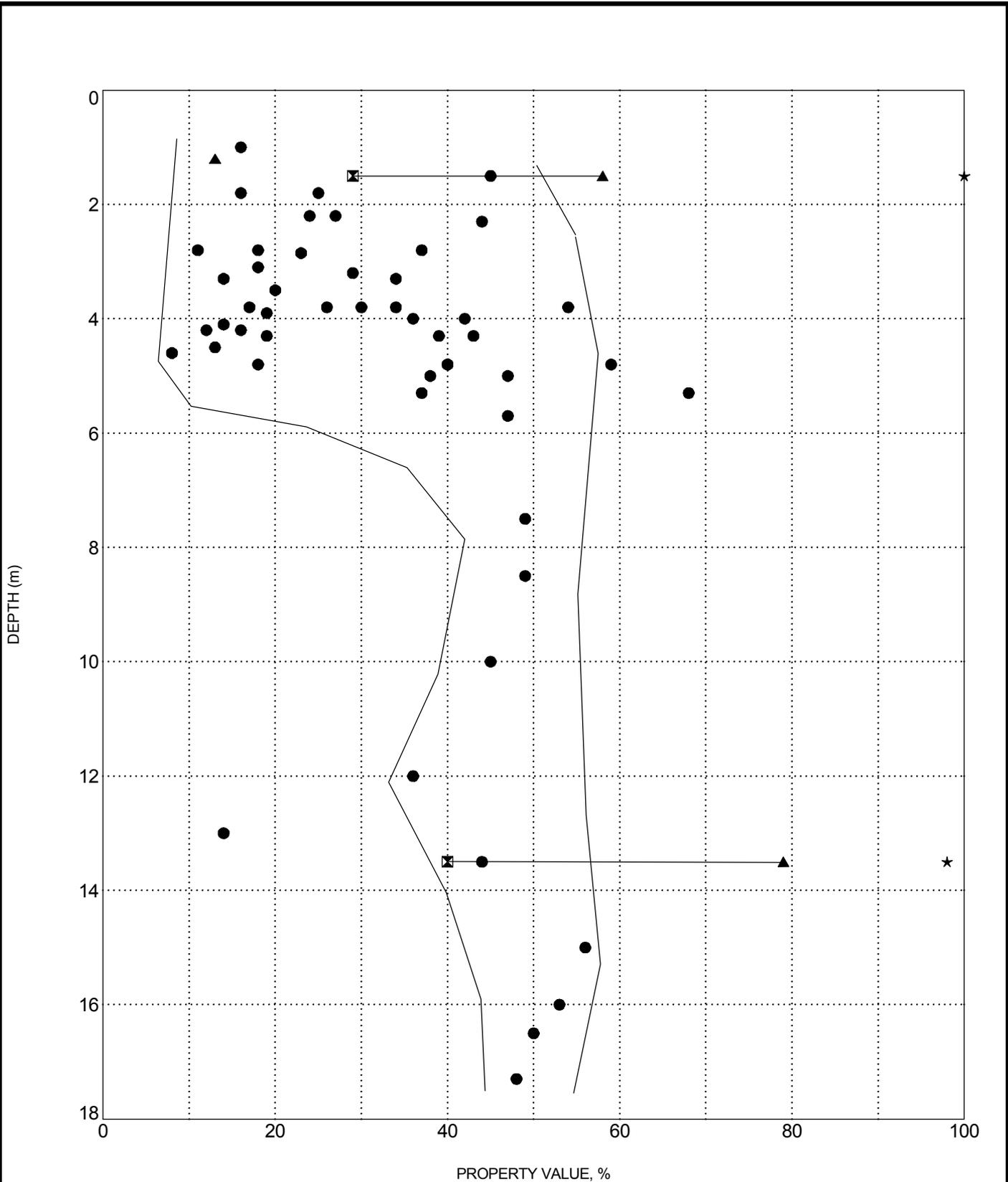
**Fig 2H3**



## Typical Section

Project: Moneystone Quarry Oakamoor  
 Job No: 418040  
 Client: Bolsterstone plc  
 January 2011

Fig 3



LEGEND	
●	Water Content
⊠	Plastic Limit
▲	Liquid Limit
★	Fines



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### T5 INDEX PROPERTIES VERSUS DEPTH

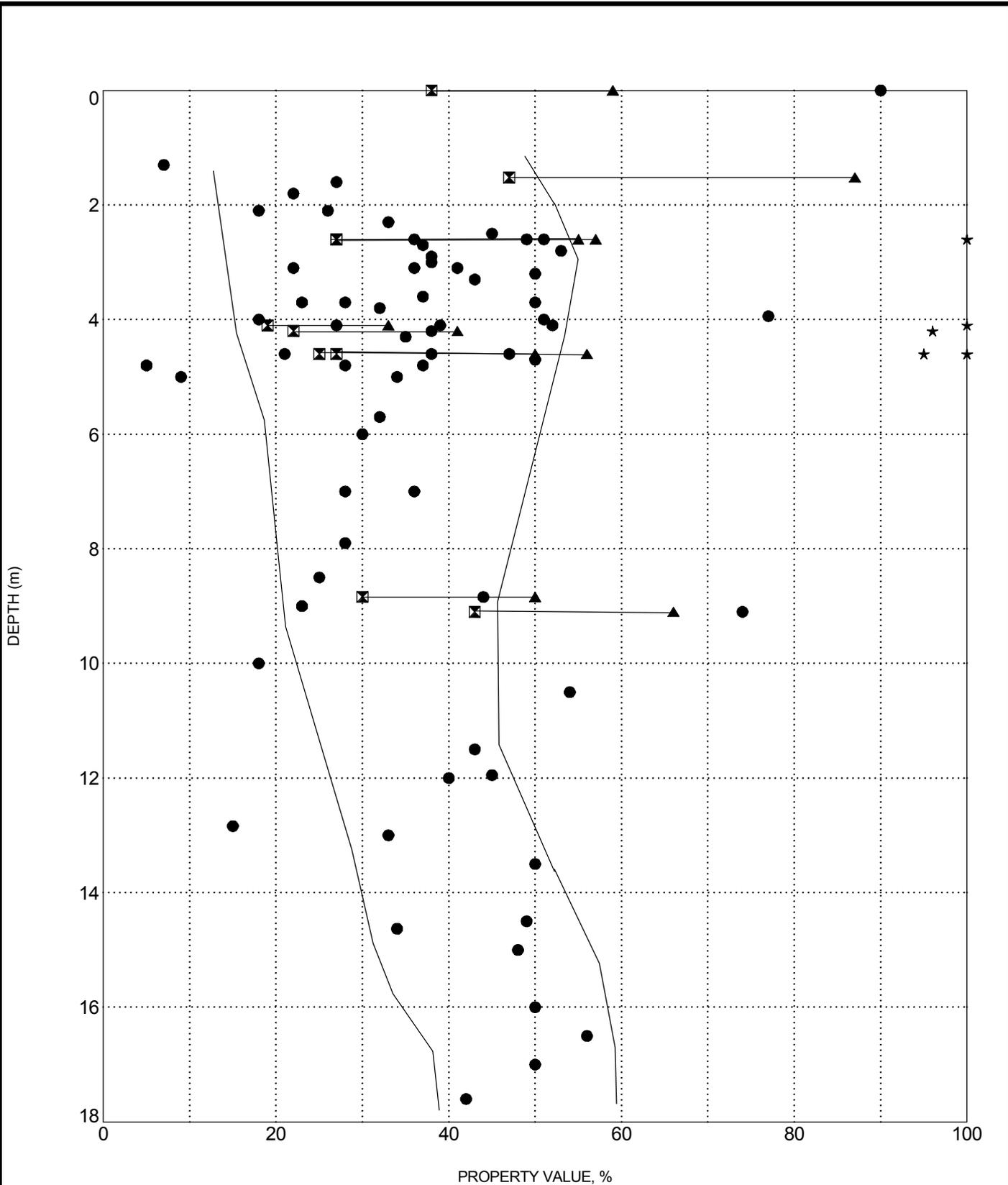
Client: Laver Leisure

Project: Moneystone Activity Park SI

Number: 418055

**FIG 4B**

2017 INDEX PROFS DEPTH 418055.GPJ ABEC TEMPLATE.GDT 11/10/18



LEGEND	
●	Water Content
⊠	Plastic Limit
▲	Liquid Limit
★	Fines

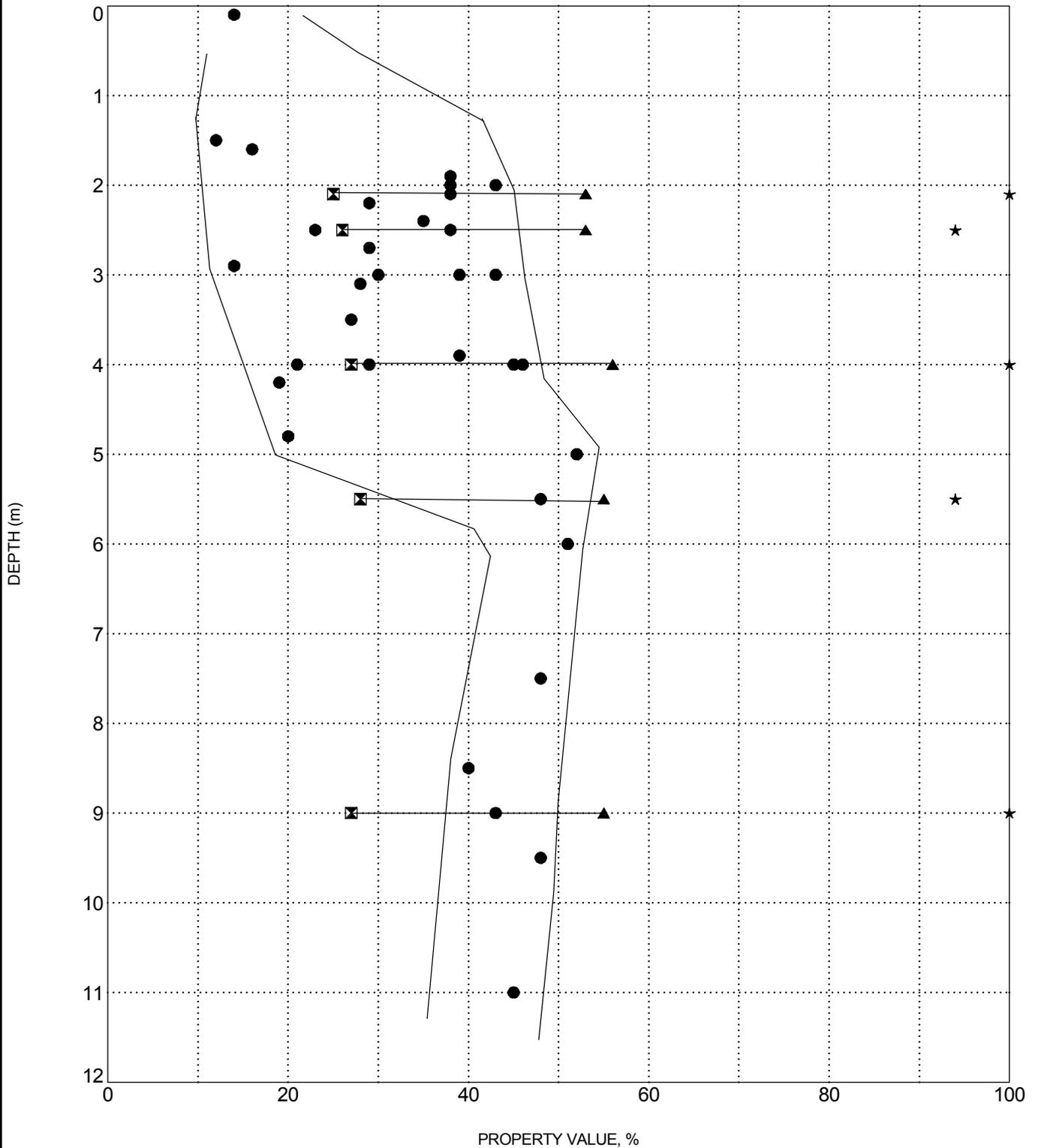


### T4 INDEX PROPERTIES VERSUS DEPTH

Client: Laver Leisure  
Project: Moneystone Activity Park SI  
Number: 418055

**FIG 4E**

2017 INDEX PROPS DEPTH 418055.GPJ ABEC TEMPLATE.GDT 11/10/18



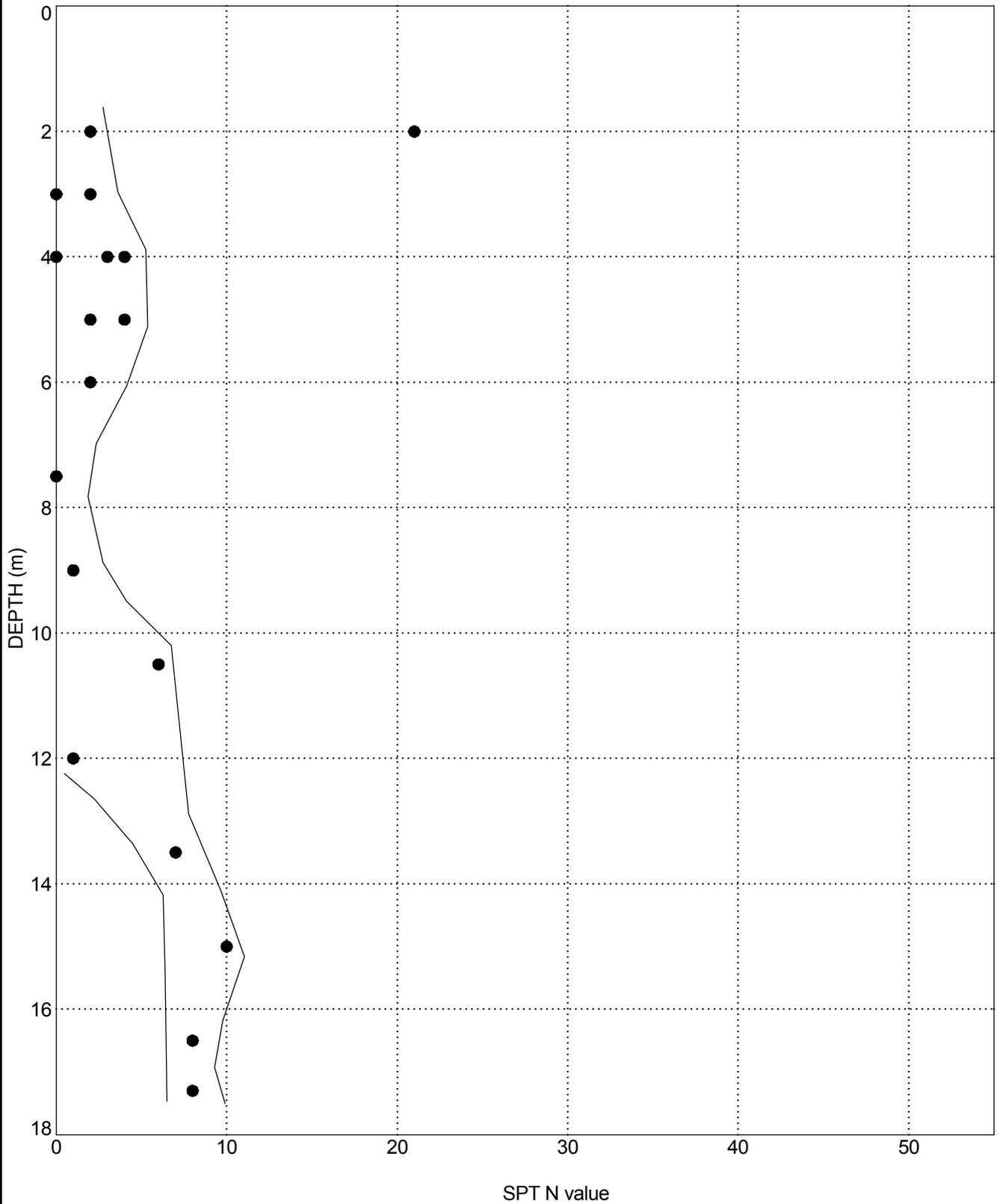
LEGEND	
●	Water Content
⊠	Plastic Limit
▲	Liquid Limit
★	Fines



**T3 INDEX PROPERTIES VERSUS DEPTH**

Client: Laver Leisure  
 Project: Moneystone Activity Park SI  
 Number: 418055

**FIG 4L**



**AREA B T5 SPT RESULTS**

**SPT VERSUS DEPTH**

Client: Laver Leisure

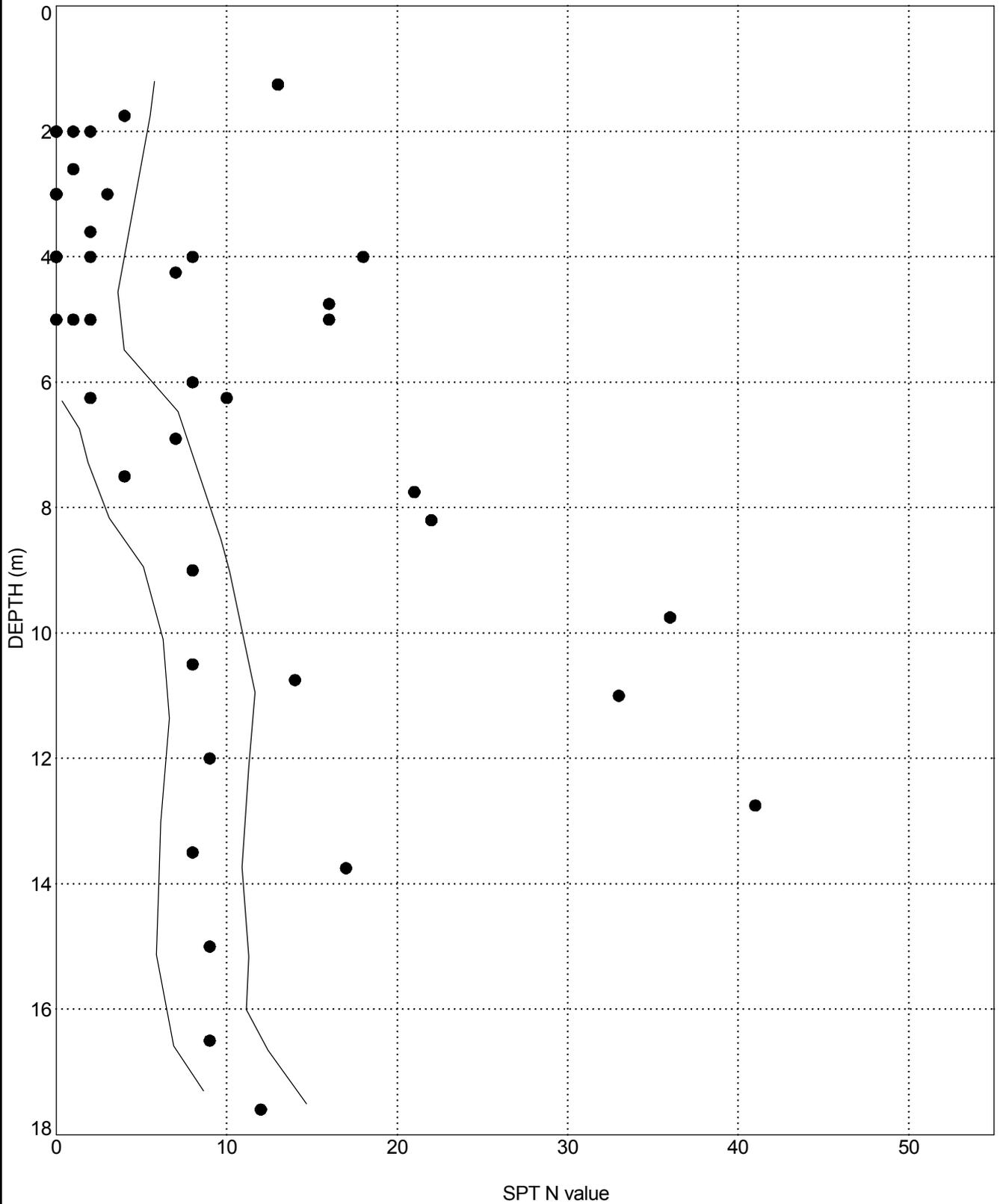
Project: Moneystone Activity Park SI

Number: 418055

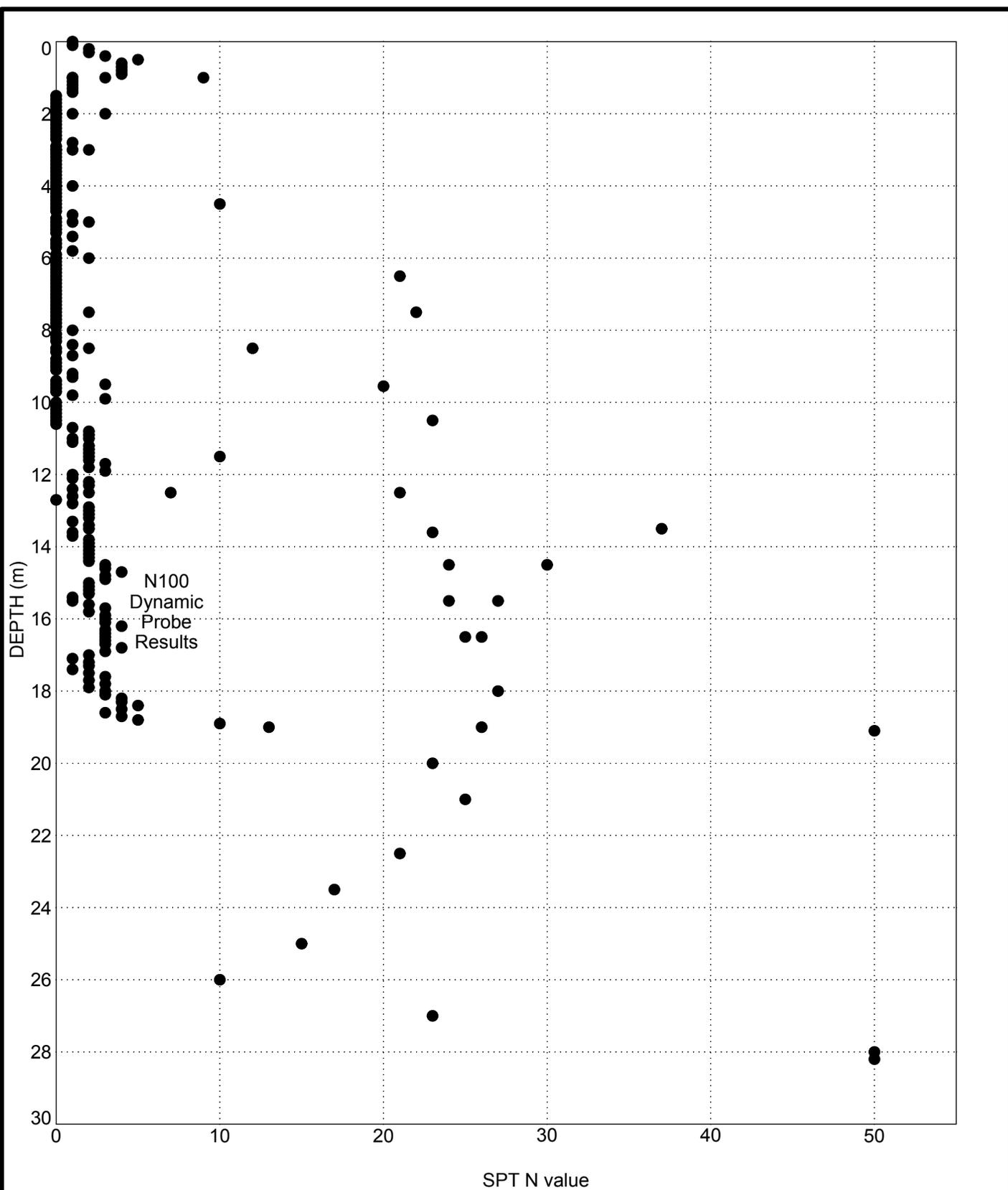
**FIG 5B b**



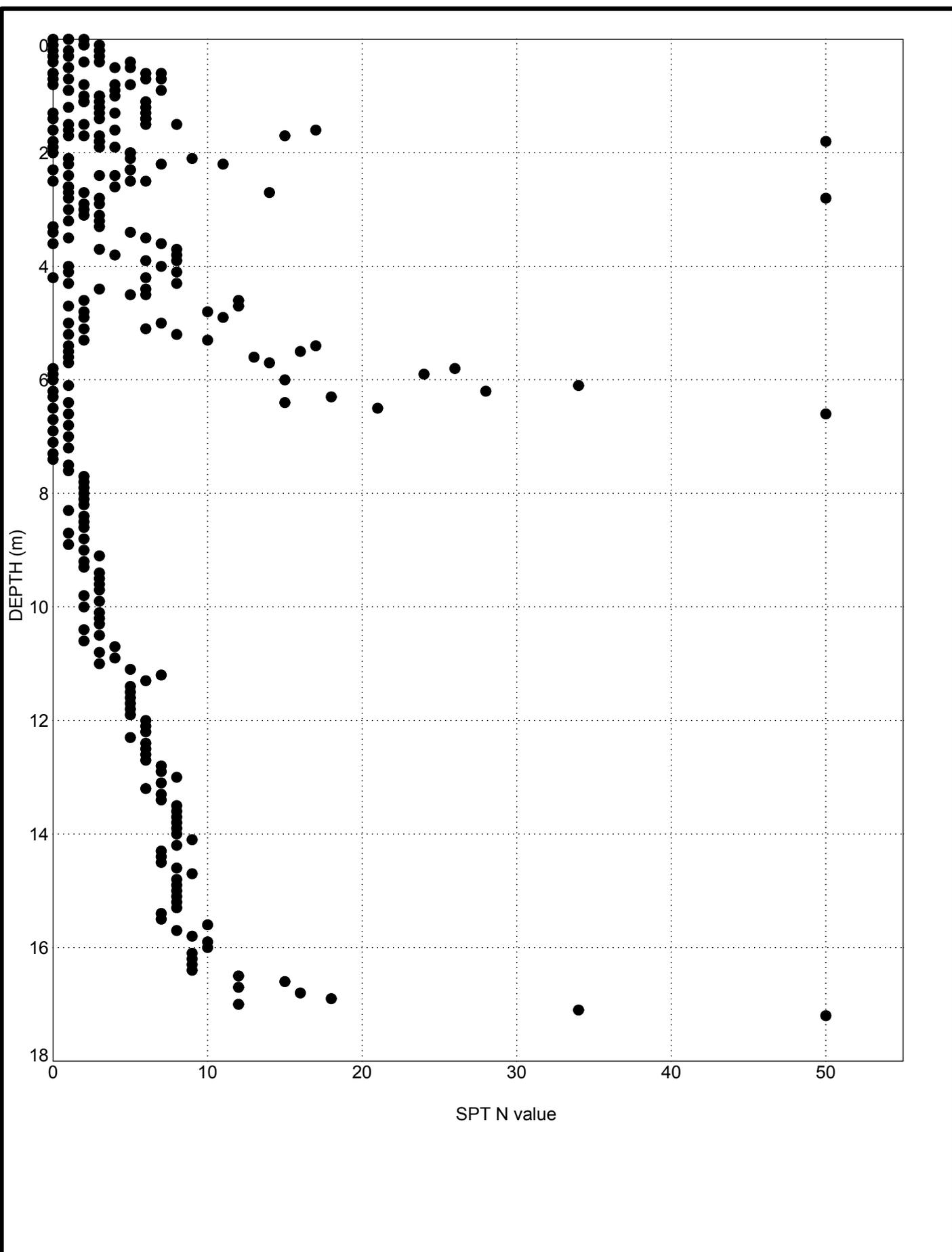
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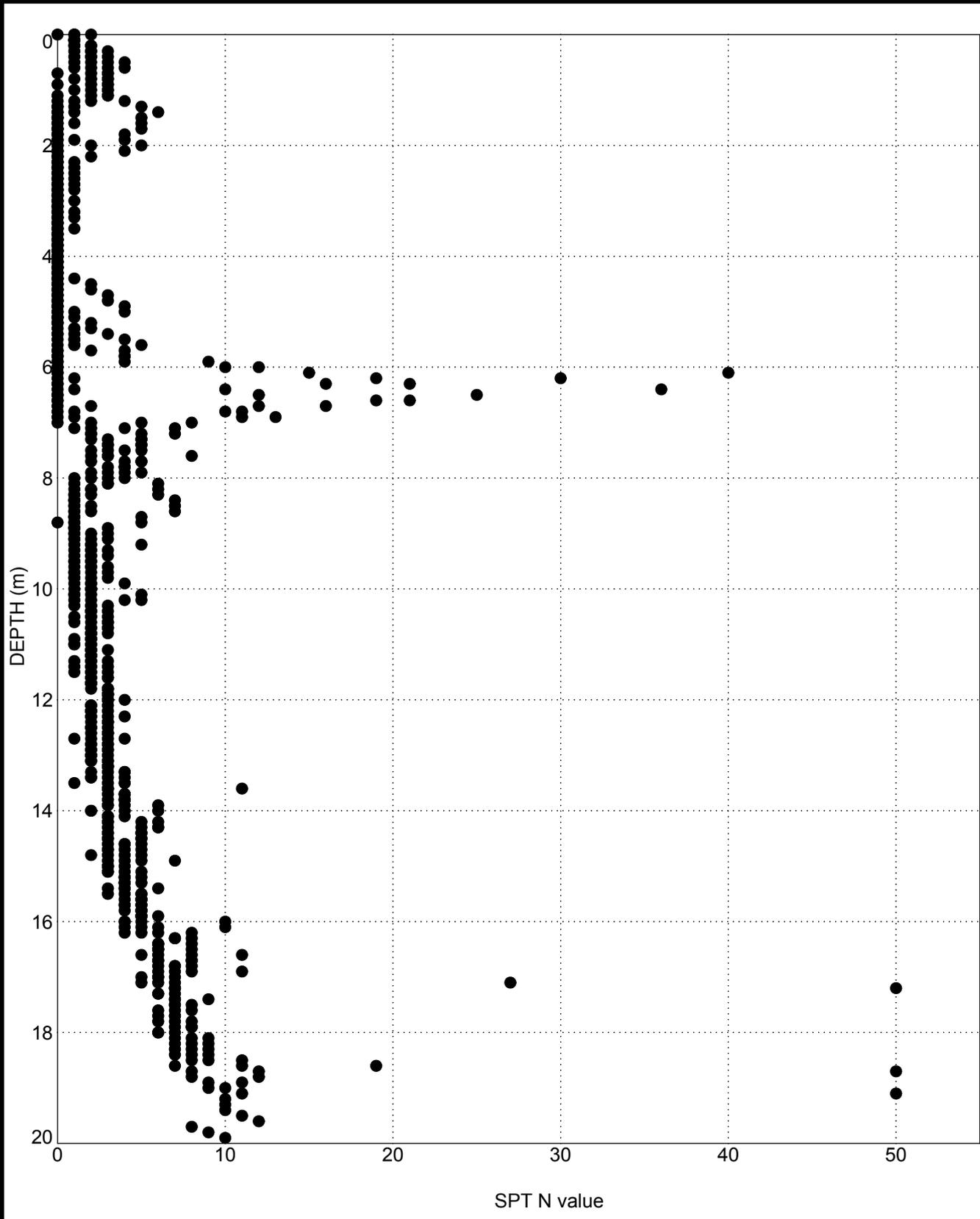
SPT VS DEPTH 418055.GPJ ABEC TEMPLATE.GDT 1/11/18



SPT VS DEPTH 418055.GPJ ABEC TEMPLATE.GDT 1/11/18



SPT VS DEPTH 418055.GPJ ABEC TEMPLATE.GDT 1/11/18



### AREA E T4 RESULTS

#### N100 Dynamic Probe VS DEPTH

Client: Laver Leisure  
Project: Moneystone Activity Park SI  
Number: 418055



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Fig 6E

APPENDIX A

List of Past and Recent Investigation Reports

### Quarry References

1. WBB Minerals - Moneystone Quarry Oakamoor, Quarries Regulations 1999, Geotechnical Assessment 2007. October 2008. Report Ref M0201/08/R85F. *Includes topography plans, photos, Piezometer data, oppertating rules and design drawings for L4 & L7.*
2. Binnie & Partners - British Industrial Sand Ltd. Moneystone Quarries Oakamoor. Second report on the use of Disused Quarries for the Disposal of Slurry Waste. October 1984. *Includes logs, photos, plans, sections and testing.*
3. Knight Piesold & Partners. Hepworth Minerals and Chemicals Ltd. Slope Stability Analysis of Oakamoor Quarry, Staffordshire. May 1996. Report Ref 11126\R9350\rjhp. *Includes sections, plans and photographs*
4. Donaldson Associates Limited. Ritchies Ltd. Tunnel Assessment Report. Moneystone Quarry Staffordshire. January 2002. Job No. JS176. *Includes plans, rock mass classification, logs, photos (poor quality),geological mapping, stereographic projections and unwedge analysis.*
5. Plan HP 5.1 Q2E Borehole Location Survey Date 22.22.94. Scale 1:1250. May 1994.
6. Plan HP 5.2 Q2E Borehole Location Survey Date 22.22.94. Scale 1:1250. June 1994.
7. Plan HP 5.3 Q2E Geological Section. Scale 1:1250 / 1:500. May 1994.
8. Plan HP 6.1 Q2 Geological Section. Scale 1:1250 / 1:500. June 1994.
9. Plan HP 7.1 Oakamoor Base of Sandstone contour plan. Scale 1:5000. March 2004.
10. Plan HP 8.2 British Industrial Sand Ltd. Frame Wood Oxide and Clay Pits. Tip 2. Dwg Ref S.OM. 120. Scale 1:500.
11. Plan HP 15.2. British Industrial Sand Ltd. Geological Map of Oakamoor Area. Tip Nos 1&3, 2 and Framewood Clay Tip. Scale 6" to 1 mile.
12. Plan HP 8.3. British Industrial Sand Ltd - Oakamoor. Sections Tip No. 2 Frame Wood. A B Daily Son & Clarke. Job No. 479. Dwg No. 21 Rev B. Scale 1:500. April 1974.
13. Plan HP 8.4. British Industrial Sand Ltd - Oakamoor. Sections Tip No. 2 Frame Wood. A B Daily Son & Clarke. Job No. 479. Dwg No. 22 Rev A. Scale 1:500. July 1974.
14. Report HR 8.1 Sibelco Minerals and Chemicals Ltd. Moneystone Quarry Staffordshire. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. Tip No. 2 Frame Wood Clay. CLOSED. May 2001.

418040 Moneystone Quarry, Oakamoor

15. Report HR 8.2. British Industrial Sand. Tip No. 2 Frame Wood Clay. Report in pursuance of Regulations 12(1) of the Mines and Quarries (Tips) Regulations 1971. A B Daily Son & Clarke. March 1978.
16. Report HR 8.3. Logs for Boreholes Nos. 18, 21, 22 and 24 (Tip 2 Frame Wood Clay) June 1968.
17. Report HR 8.4. British Industrial Sand Ltd. Frame Wood Clay Tip 2. Letter from A B Daily Son & Clarke (on the design of the tip). July 1974.
18. Plan HP 9.1. British Industrial Sand Ltd. Geological Map of Oakamoor Area. Black Plantation Area. Scale 6" to 1 mile. April 1978.
19. Report HR 9.1 Sibelco Minerals and Chemicals Ltd. Moneystone Quarry Staffordshire. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. Tio No. 3 "Moneystone". CLOSED. May 2001.
20. Report HR 9.2. M&Q Form No. 319. Mines and Quarries (Tips) Regulations 1971. Cessation of Tipping Operations at British Industrial Sand Ltd Moneystone Quarry Staffordshire. Tip No. 3 Moneystone. October 1984.
21. Report HR 9.3 Tip Tip No. 3 Moneystone. Report outlining past history for attachment to a report in pursuance of the Mines and Quarries (Tips) Regulations 1971. A B Daily Son & Clarke. With BH10 log and location plan.
22. Report HR 10.1 Sibelco Minerals and Chemicals Ltd. Moneystone Quarry Staffordshire. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. Tip No. 4 "Black Plantation" CLOSED. May 2001.
23. Report HR 10.2. Tip No. 4 Black Plantation, Tip No. L2 "Easte Field Conveyor" Letter from E R Giles October 1985.
24. Report HR 10.3. Moneystone Quarry Staffordshire, British Industrial Sand. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. Tip No. 4 "Black Plantation" CLOSED. March 1985.
25. Report HR 10.4. M&Q Form No. 319. Mines and Quarries (Tips) Regulations 1971. Cessation of Tipping Operations at British Industrial Sand Ltd Moneystone Quarry Staffordshire. Tip No. 4 Black Plantation February 1982.
26. Report HR 10.5. Tip No. 4 Black Plantation. Report outlining past history for attachment to a report in pursuance of the Mines and Quarries (Tips) Regulations 1971. A B Daily Son & Clarke. With BH09 log.
27. Report HR 11.1. Sibelco Minerals and Chemicals Ltd. Moneystone Quarry Staffordshire. Report Under Regulation 12 of the Mines and Quarries (Tips) Regulations 1971. Tip No.7 Q1E ACTIVE. May 2001.

418040 Moneystone Quarry, Oakamoor

28. Report HR 11.2. Report on the site, design and method of tipping at the Oakamoor quarry of the British Industrial Sand Ltd. To be known as Tip 7 No. 1 QE. Ref RJD/ARF/479. R J Dailey. Dated July 1984.
29. Report HR 11.3. Moneystone Quarry Staffordshire, British Industrial Sand. Report under Regulations 1 of the Mines and Quarries (Tips) Regulations 1971. Tip No. 7 Q1E ACTIVE. February 1985.
30. Report HR 11.3. Tipping Rules for Tip No. T7. Q1E. August 1999.
31. Plan HP 15.1. Ref. SM 33 Drawing shows Mud Ponds Nos 1 and 2. Scale 1:1250.
32. Plan HP 15.3. British Industrial Sand Ltd - Oakamoor Staffordshire. Plan showing location of mud pits L2 and L3. Dwg Ref SM24. Scale 1:1250. November 1960.
33. Plan HP 15.4. British Industrial Sand Ltd - Oakamoor Staffordshire. A4 extract from HP15.3 with edits showing monitoring stations. A B Daily Son & Clarke. Job No. 479.
34. Report HR 15.1. Sibelco Minerals and Chemicals Ltd. Moneystone Quarry Staffordshire. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. Tip No. L2 2East Field Conveyor" CLOSED. May 2001.
35. Report HR 15.2. Tip No. L2 East Field Conveyor. Report in pursuance of Regulations 12(1) of the Mines and Quarries (Tips) Regulations 1971. A B Dailey Sone & Clarke.
36. Report HR15.3. Tip No. L2 East Field Conveyor. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. E R Giles.
37. Report HR 15.4. Extensions to Clay Process Building (L2), Moneystone Quarry for British Industrial Sand Ltd. Letter from Manchester Geotechnical. October 1979.
38. Plan HP 16.1. British Industrial Sand Ltd - Oakamoor. No. 3 mud pond. Ref. S/OM/104. Scale 1:500. January 1966.
39. Plan HP 8.1. British Industrial Sand Ltd. Dwg Ref. S/OM. Scale 1:2500. December 1971.
40. Plan HP 16.2. British Industrial Sand Ltd - Oakamoor. Nos. 1 and 3 Mud Ponds. Ref. S/OM/116. Scale 1:500. June 1967.
41. Report HR 16.1. Sibelco Minerals and Chemicals Ltd. Moneystone Quarry Staffordshire. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. Tip No. L3 Key Wood. CLOSED. May 2001.
42. Report HR 16.2. Moneystone Quarry Staffordshire, British Industrial Sand. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. Tip No. L3 Key Wood. CLOSED. January 1985.

418040 Moneystone Quarry, Oakamoor

43. Report HR 16.3. Moneystone Quarry Staffordshire, British Industrial Sand. Report Under Regulations 18 of the Mines and Quarries (Tips) Regulations 1971. Tip No. L3 Key Wood. CLOSED. November 1984.
44. Report HR 16.4. M&Q Form No. 319. Mines and Quarries (Tips) Regulations 1971. Cessation of Tipping Operations at British Industrial Sand Ltd Moneystone Quarry Staffordshire. Tip No. L3 Key Wood November 1983.
45. Report HR 16.5. Tip No. L3 Key Wood. Report in pursuance of Regulations 12(1) of the Mines and Quarries (Tips) Regulations 1971. A B Dailey Sone & Clarke. August 1982.
46. Report HR 16.6. Tip No. L3 Key Wood. Report in pursuance of Regulations 12(1) of the Mines and Quarries (Tips) Regulations 1971. A B Dailey Sone & Clarke. November 1980.
47. Report HR 16.7. Tip No. L3 Key Wood. Report in pursuance of Regulations 12(1) of the Mines and Quarries (Tips) Regulations 1971. A B Dailey Sone & Clarke. February 1978.
48. Report HR 16.8. Report on a Site Investigation at Moneystone Quarry for A B Daily, Son & Clarke. Report No. 4756/DA. March 1966. *Includes sample descriptions and SPTs.*
49. WBB Minerals - Desk Study and Phase 1 Geo-Environmental Assessment, Moneystone Quarry, Staffordshire. Version 01 - June 2008. DRAFT.
50. MCG Consultancy Services Ltd - Moneystone Quarry Oakamoor, Quarries Regulations 1999, Geotechnical Assessment 2003. Report Ref. M0302/08/R11F. September 2004.
51. Binnie & Partners - British Industrial Sand Ltd. Moneystone Quarries Oakamoor. Development of Disused Quarry Areas for the Disposal of Slurry Waste. February 1982.
52. Report HR 18.1. Report under Regulation 12 of the Mines and Quarries (Tips) Regulations 1971. Tip No. L5 "No.1 Quarry West" ACTIVE. Sibelco Minerals and Chemicals Ltd. May 2001
53. Report HR 18.2. Logs for Boreholes 2, 3 & 4 at Crowtrees. January 1956.
54. The Proposed Extension To Silica Sandstone Extraction Operations With Progressive Restoration - Moneystone Quarry, Whiston Eaves Lane, Near Whiston, Staffordshire - 2006 - Environmental Statement - WBB Minerals
55. WBB Borehole Assessment for Quarry Extension, 2006 (in Excel format)

- A. Nathanail, C.P., McCaffery, C., Ashmoor, M.H., Cheng Y.Y., Gillett, A., Ogden, R. & Scott, D. 2009. The LQM/CIEH Generic Assessment Criteria for Human Health Risk Assessment (2nd edition). Land Quality Press, Nottingham.
- B. Nathanail, J., Nathanail, P., & Bardos, P. 2007. Contaminated Land Management : Ready Reference (Release 2).
- C. Contaminated Lane Exposure Assessment (CLEA) Software (Version 1.06). 2009. Environment Agency.
- D. Contaminated Lane Exposure Assessment (CLEA) Software (Version 1.05) Handbook. Science Report SC050021/SR4. 2009. Environment Agency.
- E. Updated Technical Background to the CLEA Model. Science Report SC050021/SR3. January 2009. Environment Agency.
- F. Human Health Toxicological Assessment of Contaminants in Soil. Science Report - Final SC050021/SR2. January 2009. Environment Agency.
- G. The Soil Generic Assessment Criteria for Human Health Risk Assessment. CL:AIRE, AGS, EIC. DECEMBER 2009.

## APPENDIX B

### Additional Slope Stability Analysis

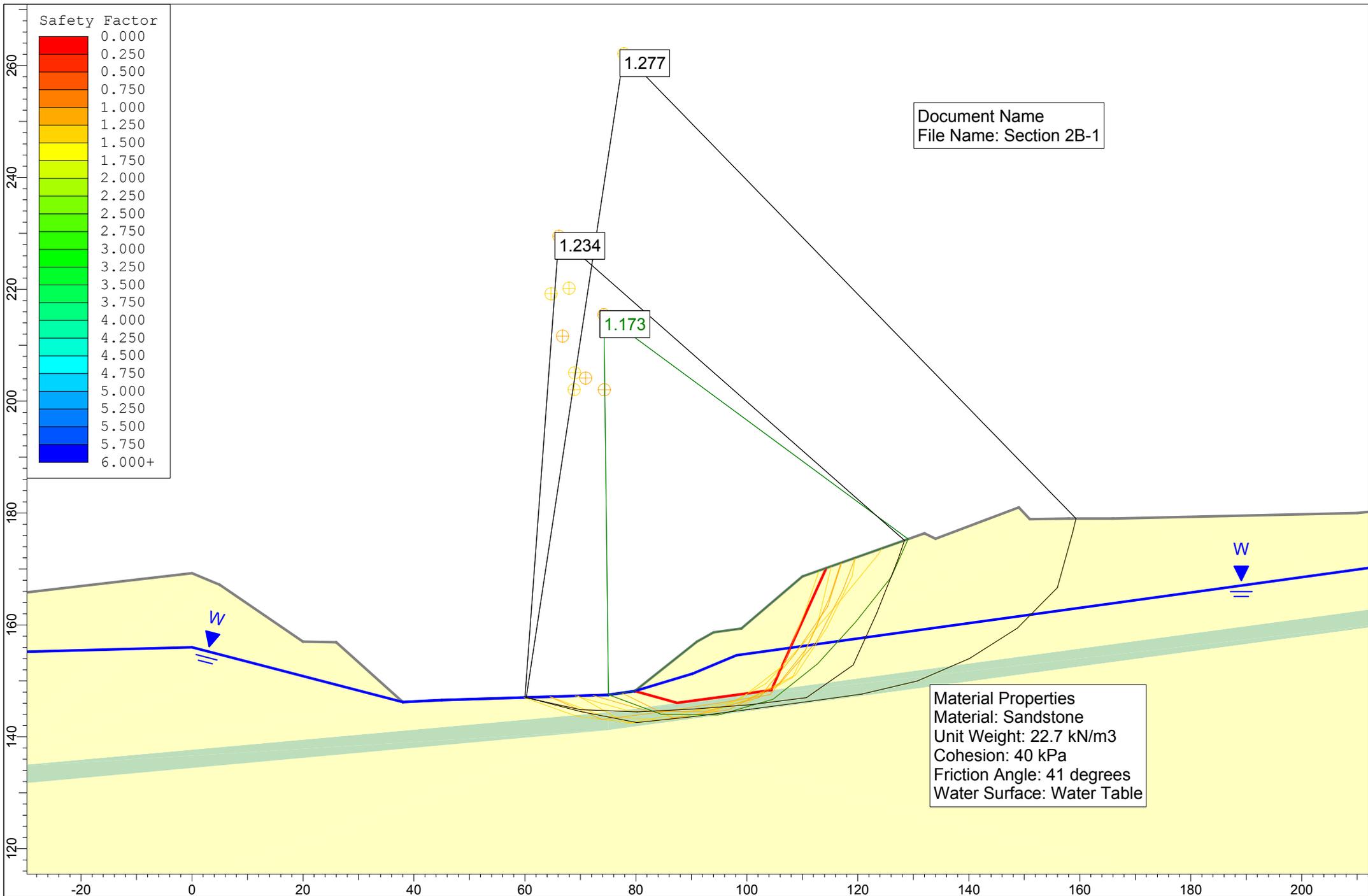
Additional stability analysis of the overall stability of the northern slope of Q3 was undertaken to cover the various stages to develop the quarry for lodge development. The analysis was undertaken using Rocscience Inc. 2D limit equilibrium slope stability for soil and rock slopes program 'Slide' version 5.0. Analysis was undertaken using Bishop, Janbu and Morgenstern-price methods. The parameters used and results have been tabulated below.

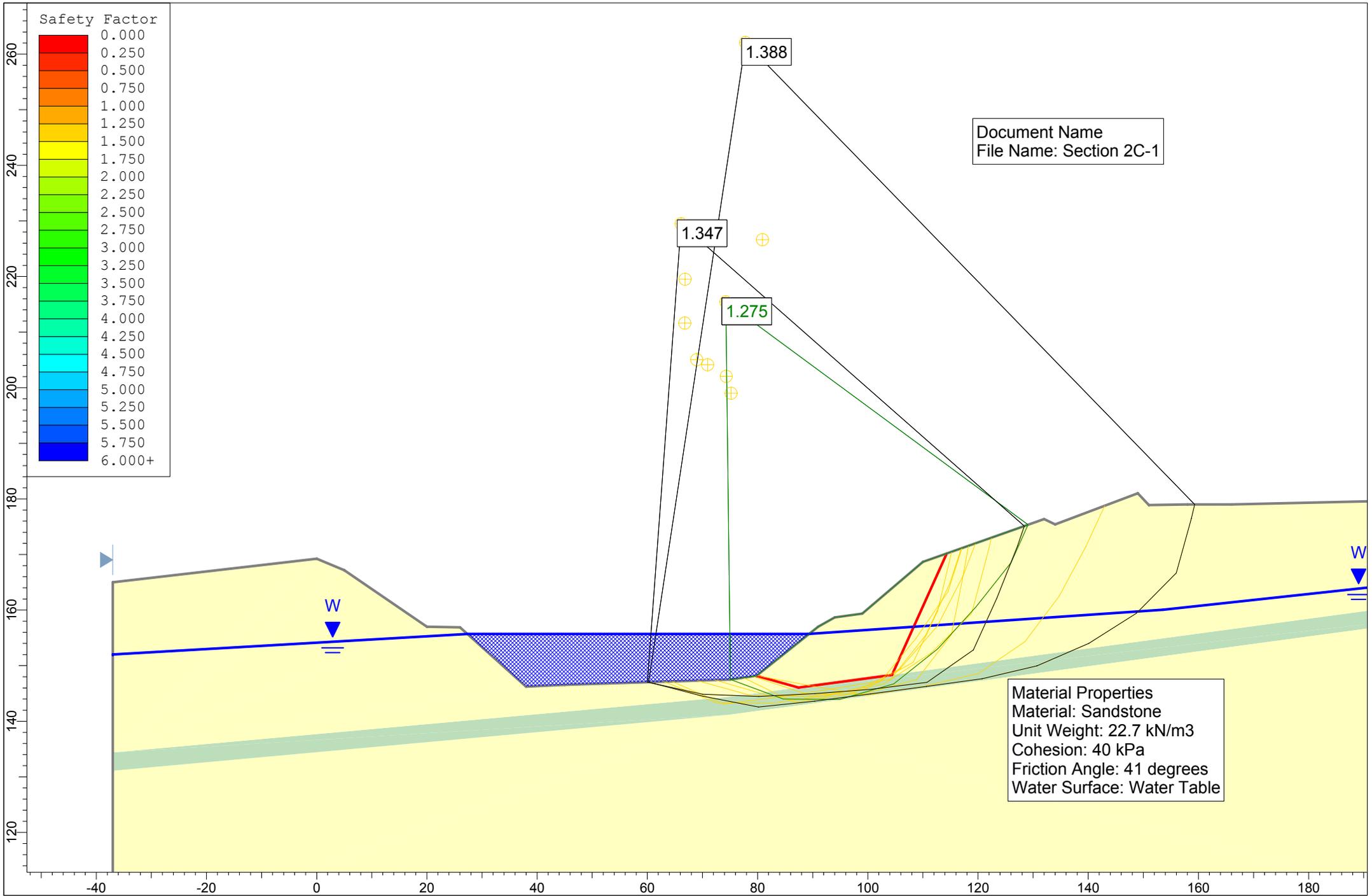
Ref:	Overall FoS	FoS beyond Boundary	Comment
2B-1	1.173	1.277	Existing Q3 when dry in 2010
2C-1	1.275	1.388	Existing Q3 when flooded to 156m AOD in 2018
2D	0.999	1.132	As 2C-1 Sandstone reduced to 10kPa
2E 1	1.248	1.364	Existing Q3 WL reduced to 153m AOD
2F-1	1.099	1.309	WL reduced to 153m & bench to 155m AOD
2G-1	1.284	1.414	WL raised to 154m AOD with gravel part installed
2H-1 <del>2E-1</del>	1.312	1.418	Gravel face fully installed

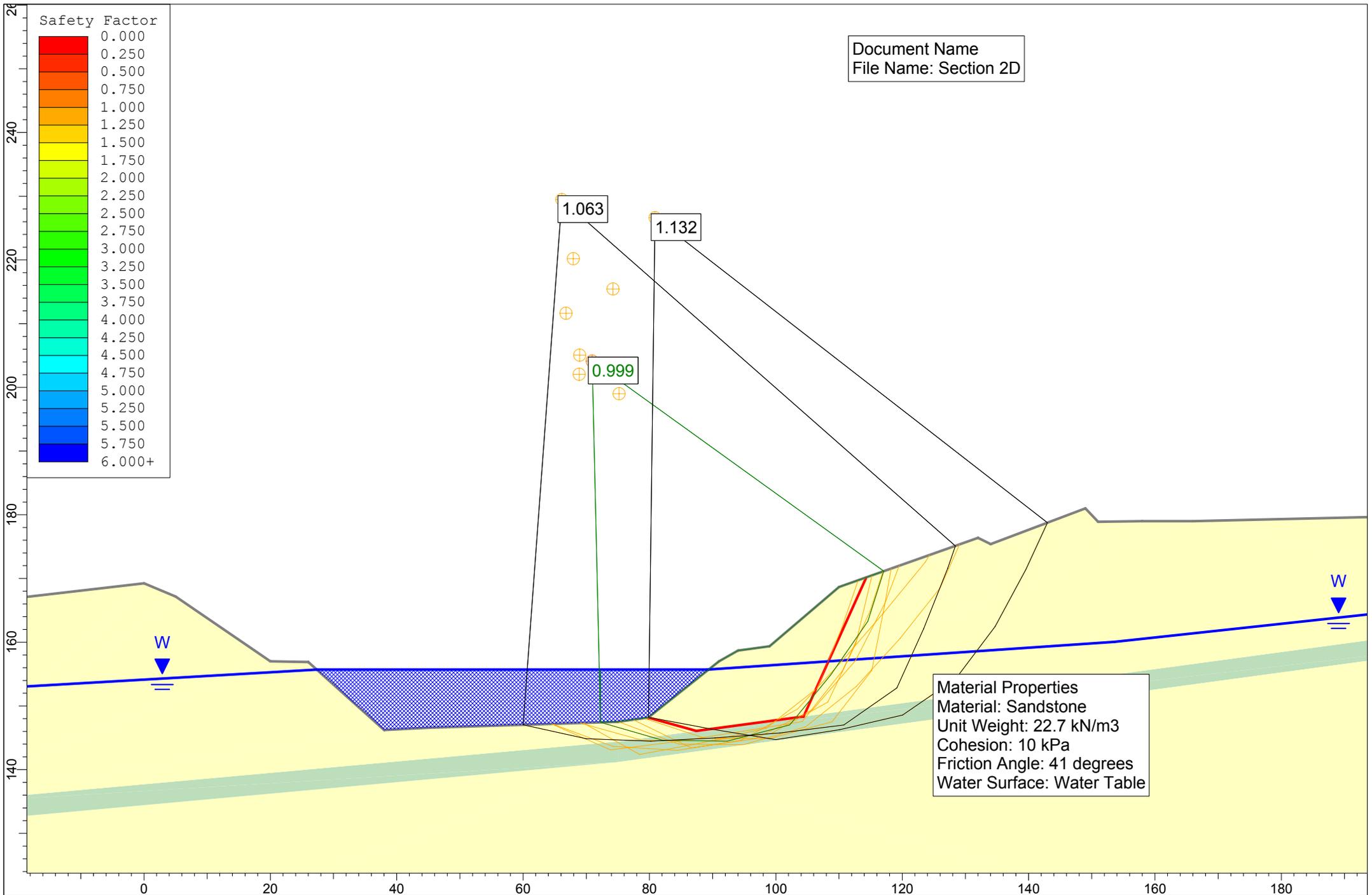
Analysis 2D was undertaken to evaluate the sensitivity to sandstone weakening. The analysis found that provided fracture planes had a cohesive shear strength in excess of 10kPa the overall slope remains stable. In the remaining analysis a cohesion of 40kPa was used.

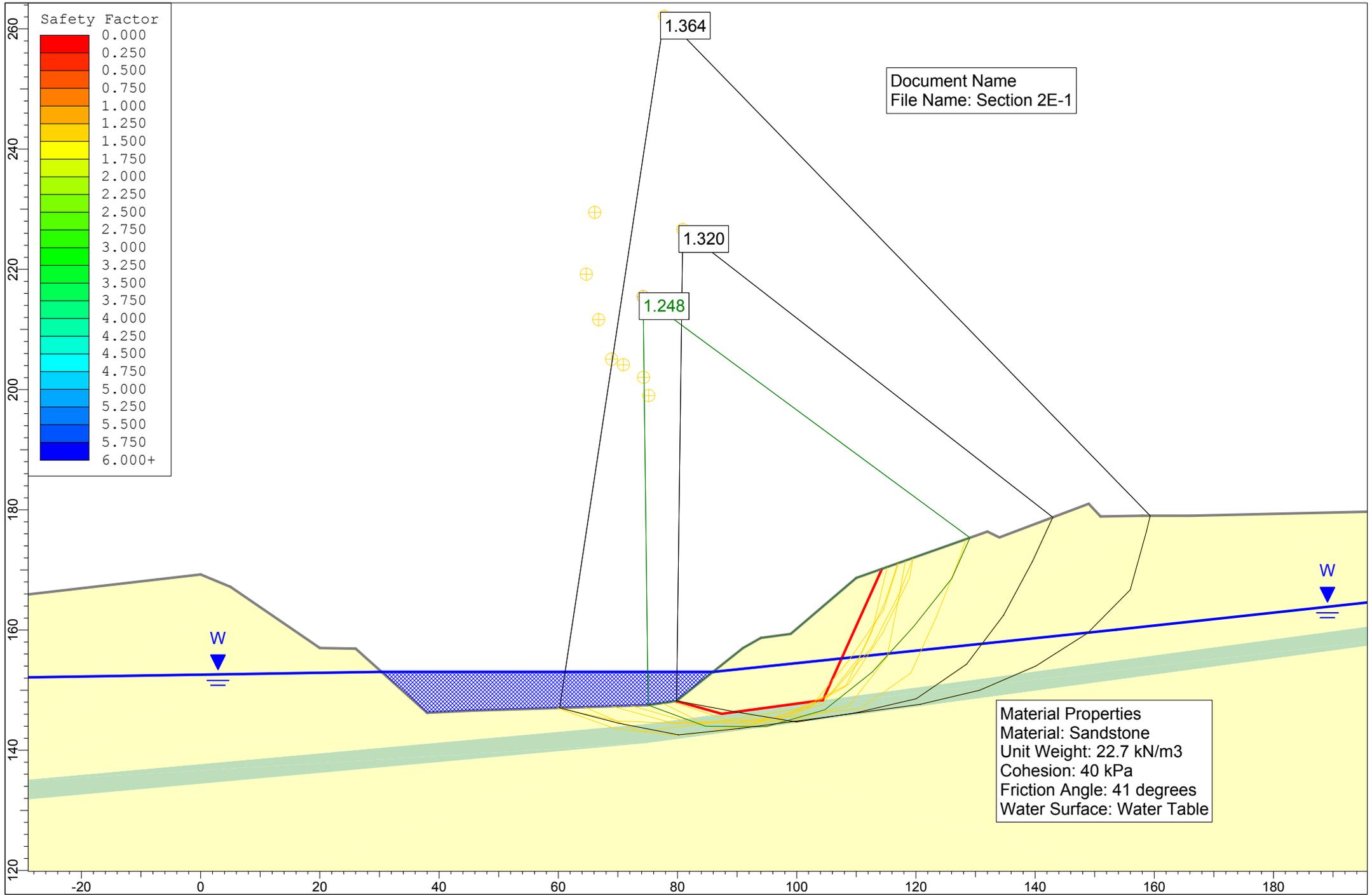
Analysis was also undertaken to evaluate the influence of the various changes in lake level being proposed. The analysis shows how by lowering lake level the stability of the slope reduces, however the 2F-1 analysis confirmed that even without the north face being covered stability is retained. However, as proposed by installing the gravel slope below 155m AOD stability can be increased above 1.3.

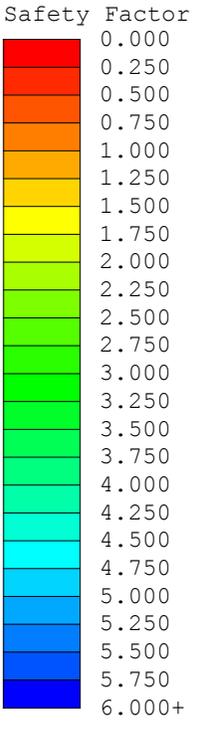
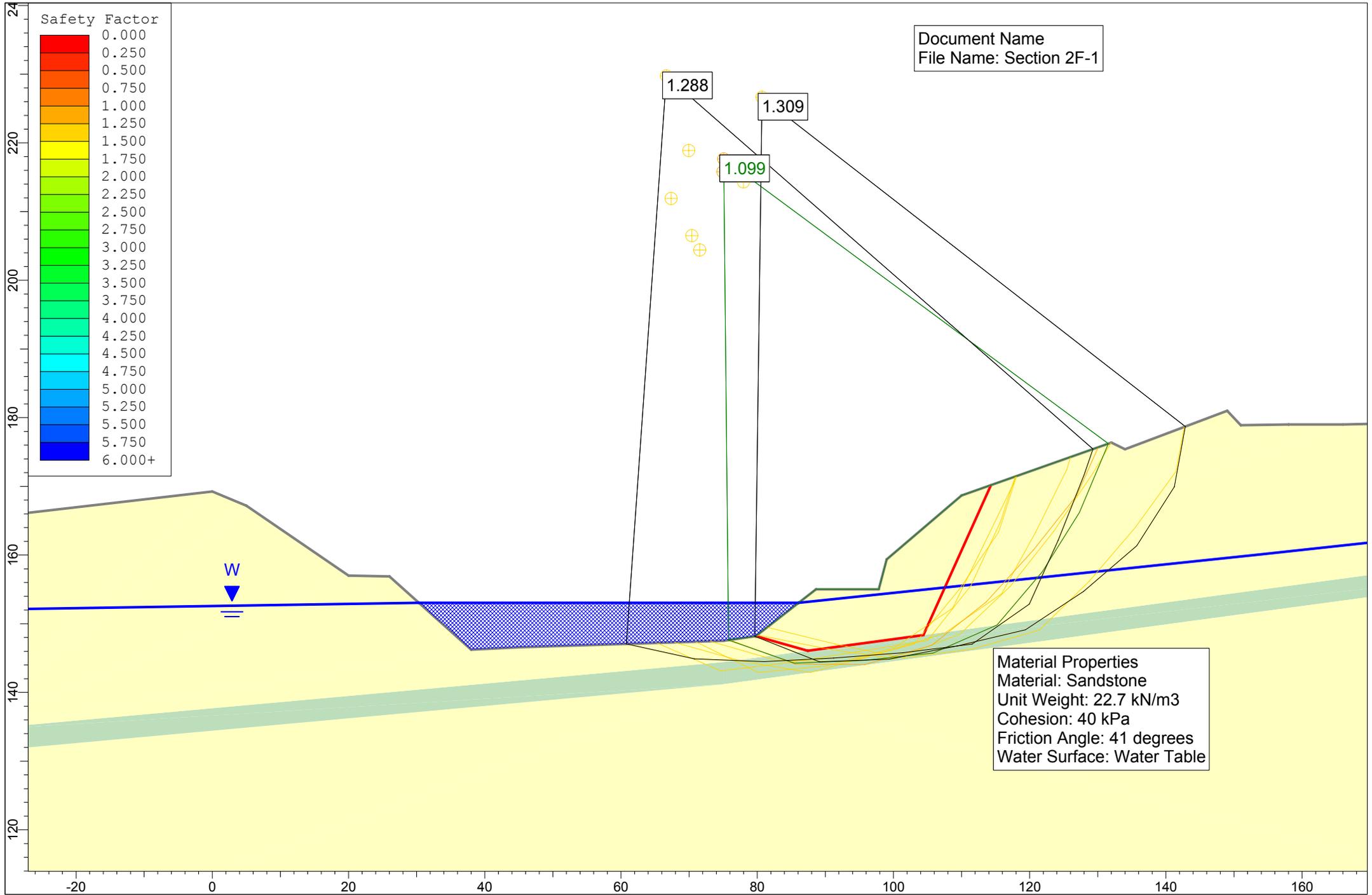
Soil Units	Colour	Unit weight kN/m <sup>3</sup>	Cohesion kN/m <sup>2</sup>	Phi degrees
Sandy Gravel	orange	18	1	40
Tailings	brown	14	1	28
Sandstone	yellow	22.7	40 <sup>(1)</sup>	41
Shale	green	22	1	12.5
Note: (1) Cohesion reduced to 10kPa in analysis 2D				











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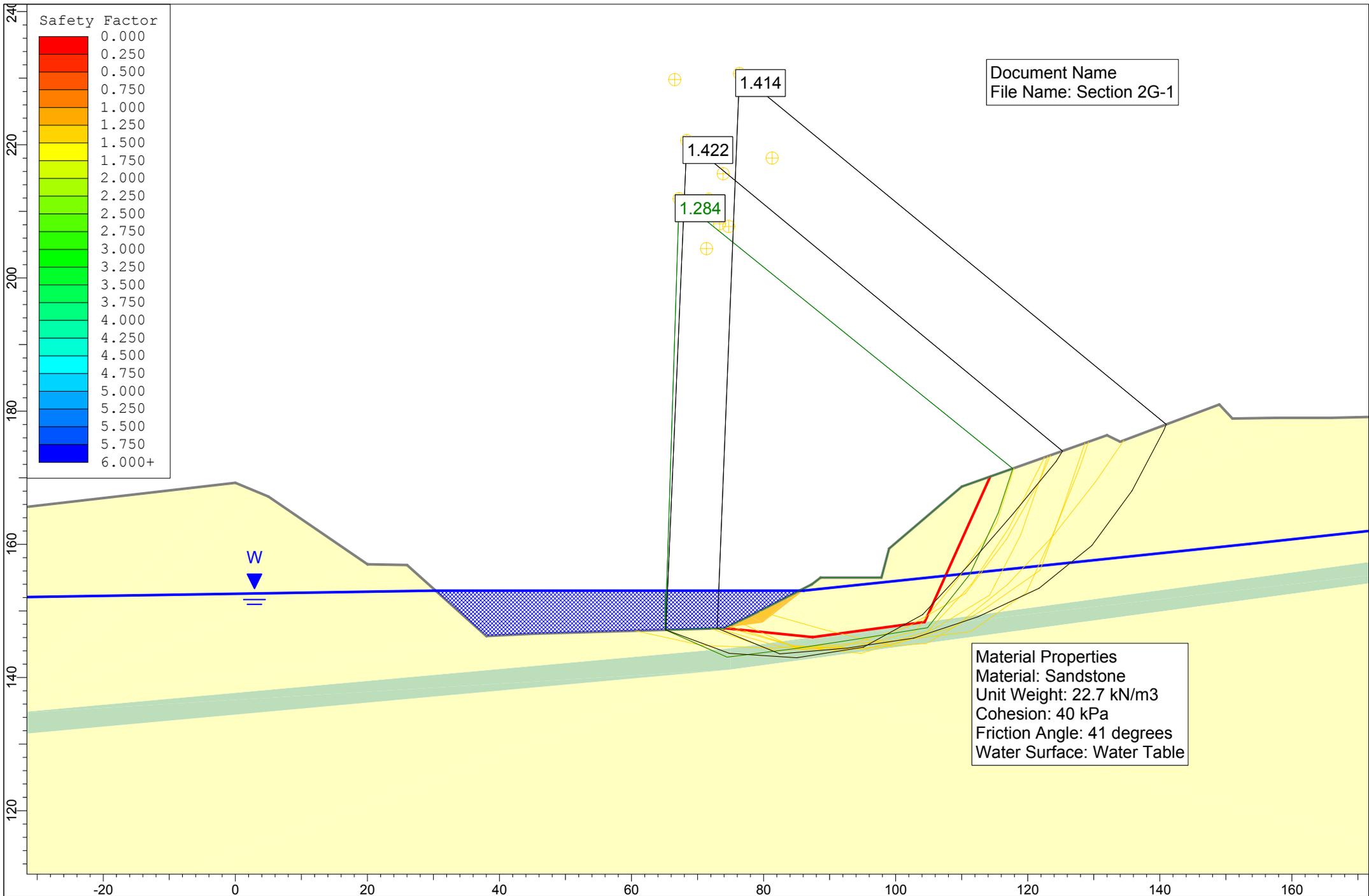
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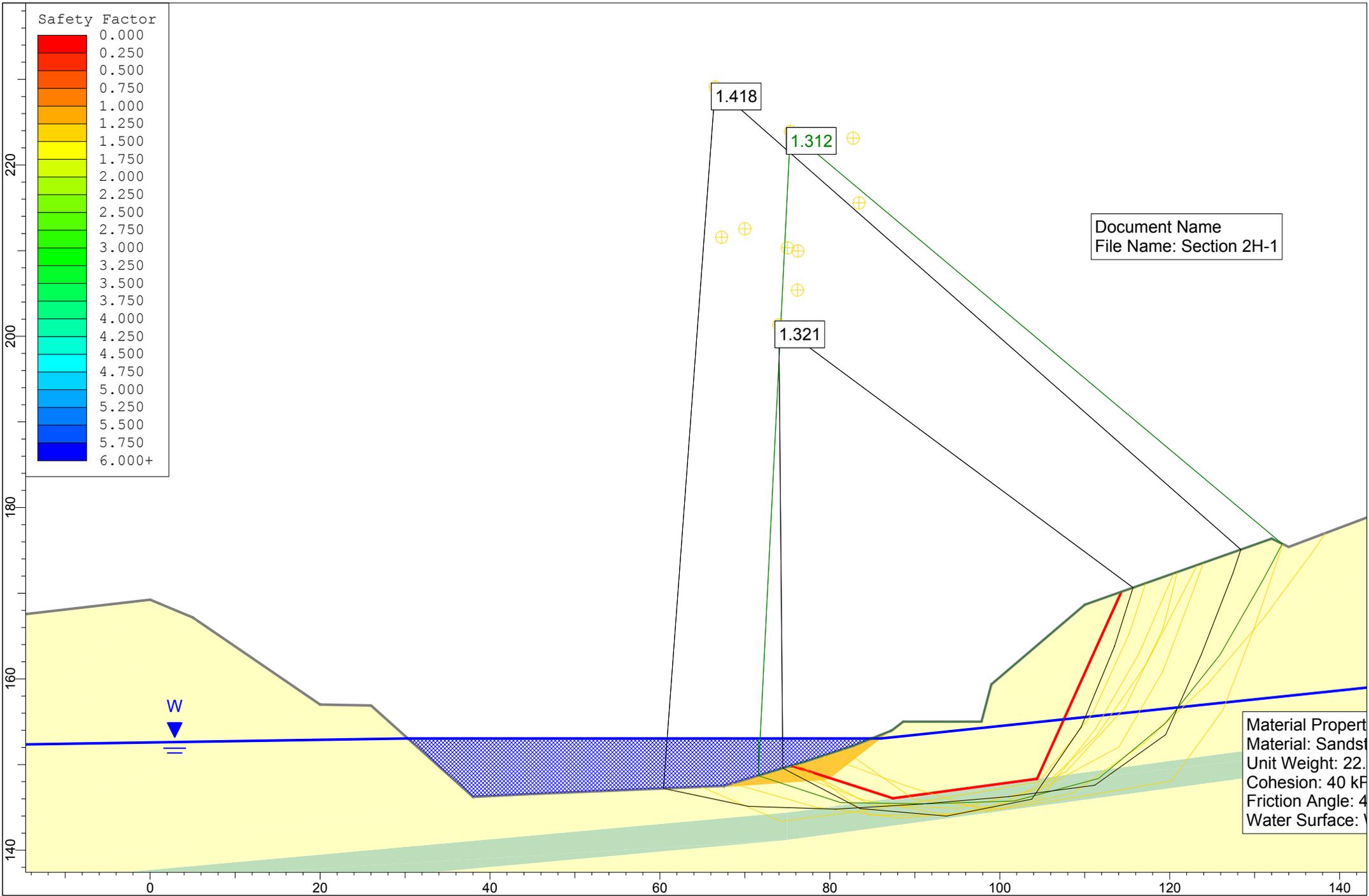
1.309

1.099

Material Properties  
Material: Sandstone  
Unit Weight: 22.7 kN/m<sup>3</sup>  
Cohesion: 40 kPa  
Friction Angle: 41 degrees  
Water Surface: Water Table

W





Document Name  
File Name: Section 2H-1

Material Property  
Material: Sandst  
Unit Weight: 22.  
Cohesion: 40 kF  
Friction Angle: 4  
Water Surface: Y

APPENDIX C

Conceptual Model  
From  
418040EA March 2011

Number	Potential Hazards	Potential Source	Potential Pathway	Receptor	Current anticipated risk (1) - (5) %	Comment	Action	Anticipated risk after action* - (5) %
1	Acidic Tailings	Lagoon L4 1st stage	Direct contact	Site users	Very Low / 10%	Due to supernatant spill	No further action required	Very Low
2	Acidic Groundwater (perched)	Lagoon L4 1st stage	Through the ground	Groundwater	Low / 100%	Further investigation required	Dependent on findings	Low
3	Acidic Groundwater (perched)	Lagoon L4 1st stage	Through the ground	Proposed Lake	Moderate / 100%	Further investigation required	Dependent on findings	Low
4	Methane (Carbon Dioxide)	Butler vegetation between lagoons and cap (14 years growth)	Through the ground	Site users	Low / 100%	Monitoring required	None identified or findings	Low
5	Gasping methane - Rapid methane	Lagoon L4 1st stage	Direct contact	Site users	Very Low / 100%	Use of health boots	No further action required	Very Low
6	Landslip - Release sulphuric acid	Lagoon L4 1st stage	Through the ground	Site users	Moderate / 100%	Monitoring required	Clean up on spill	Low
7	Acidic Tailings	Lagoon L4 1st stage	Direct contact	Site users	Very Low / 100%	Due to spill of tailings	No further action required	Very Low
8	Acidic Groundwater (perched)	Lagoon L4 1st stage	Through the ground	Groundwater	Low / 100%	Further investigation required	Dependent on findings	Low
9	Acidic Groundwater (perched)	Lagoon L4 1st stage	Through the ground	Proposed Lake	Moderate / 100%	Further investigation required	Dependent on findings	Low
10	Methane (Carbon Dioxide)	Butler vegetation between lagoons and cap (14 years growth)	Through the ground	Site users	Moderate / 100%	Monitoring required	Dependent on findings	Low
11	Acidic water	Lagoon L4 1st stage	Direct contact	Site users	Low / 100%	Continued monitoring required	Dependent on findings	Low
12	Gasping methane - Release sulphuric acid	Lagoon L4 1st stage	Direct contact	Site users	Low / 100%	Further investigation required	Dependent on findings	Low
13	Acidic Tailings	Lagoon L4 2nd stage	Direct contact	Site users	Moderate / 100%	When exposed will self neutralise	No further action required	Low
14	Acidic Groundwater (perched)	Lagoon L4 2nd stage	Through the ground	Groundwater	Low / 100%	Further investigation required	Dependent on findings	Low
15	Acidic Groundwater (perched)	Lagoon L4 2nd stage	Through the ground	Proposed Lake	Moderate / 100%	Further investigation required	Dependent on findings	Low
16	Acidic water	Lagoon L4 2nd stage	Direct contact	Site users	Low / 100%	Continued monitoring required	Dependent on findings	Low
17	Acidic water	Lagoon L4 2nd stage	Through the ground	Groundwater	Low / 100%	Continued monitoring required	Dependent on findings	Low
18	Acidic water	Lagoon L4 2nd stage	Through the ground	Proposed Lake	Low / 100%	Continued monitoring required	Dependent on findings	Low

\* Anticipated risk over main bridge site area



Number	Potential Hazard	Potential Source	Potential Pathway	Receptor	Current anticipated risk (1) - Very Low / 100% Moderate / 100%	Comment	Action	Anticipated risk after action - Very Low
35	Acidic Tailings	Lagoon L8	Direct contact	Site users	Very Low / 100%	Pathway problem due to failed water wall	Minimize spill of lake	Very Low
36	Acidic Tailings	Lagoon L8	Mixing	Proposed Lake	Moderate / 100%	Site investigation required	Dependent on SI findings	Low
37	Acidic Groundwater (leached)	Lagoon L9	Through the ground	Groundwater	Low / 100%	Monitoring required	Dependent on SI findings	Low
38	Acidic Groundwater (leached)	Lagoon L8	Mixing	Proposed Lake	Moderate / 100%	Leak must be monitored	Monitor pit of lake	Low
39	Acidic Groundwater (leached)	Lagoon L8	Through the ground	SSS	Low / 90%	Continuous monitoring required	Dependent on SI findings	Low
40	Acidic water (surface)	Lagoon L8	Direct contact	Site users	Moderate / 100%	Can't avoid with leaching required	Dependent on SI findings	Low
41	Acidic water (surface)	Lagoon L8	Through the ground	Groundwater	Low / 100%	Continuous monitoring required	Dependent on SI findings	Low
42	Acidic water (sublevel)	Lagoon L8	Through the ground	SSS	Low / 100%	Leak must be monitored	Dependent on SI findings	Low
43	Acidic Groundwater	Lagoon L7	Structure flow	Proposed Lake	Moderate / 100%	Control and monitoring required	Monitor pit of lake	Low

1. Anticipated risk over percentage site area



**Abbeydate**

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 Tel: 01952 556271 Fax: 01952 556272 Email: info@abbeydate.com

**CONCEPTUAL MODEL TABLE**

Client: Abbey Leisure

Project: Moneystone Quarry, Calkin Moor

Job No: 418040

Area: Quarry 3

Table 3

Number	Subsidiary Hazard	Potential Source	Exposure Pathway	Receptor	Current/anticipated risk (1)	Control	Residual	Anticipated risk after control
44	1100	Major Leaking Tank	Chemical release to soil	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
45	1101	Minor Leaking Tank	Subsidence to soil	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
46	1102	Major Leaking Tank	Through Ground	Site worker	Low (10)	Site remediation required	Dependent on Site status	Low
47	1103	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
48	1104	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
49	1105	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
50	1106	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
51	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
52	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
53	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
54	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
55	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
56	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
57	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
58	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
59	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
60	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
61	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
62	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
63	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
64	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
65	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
66	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
67	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low
68	Major Leaking Tank	Major Leaking Tank	Through Ground	Site worker	Medium/Low (10)	Site remediation required	Dependent on Site status	Low

\* Anticipated risk after control

**CONCEPTUAL MODEL TABLE**  
 Client: Cary Lease  
 Project: Wrexstone Dairy, Coker  
 Job No: 4-5010  
 Area: Processing Area

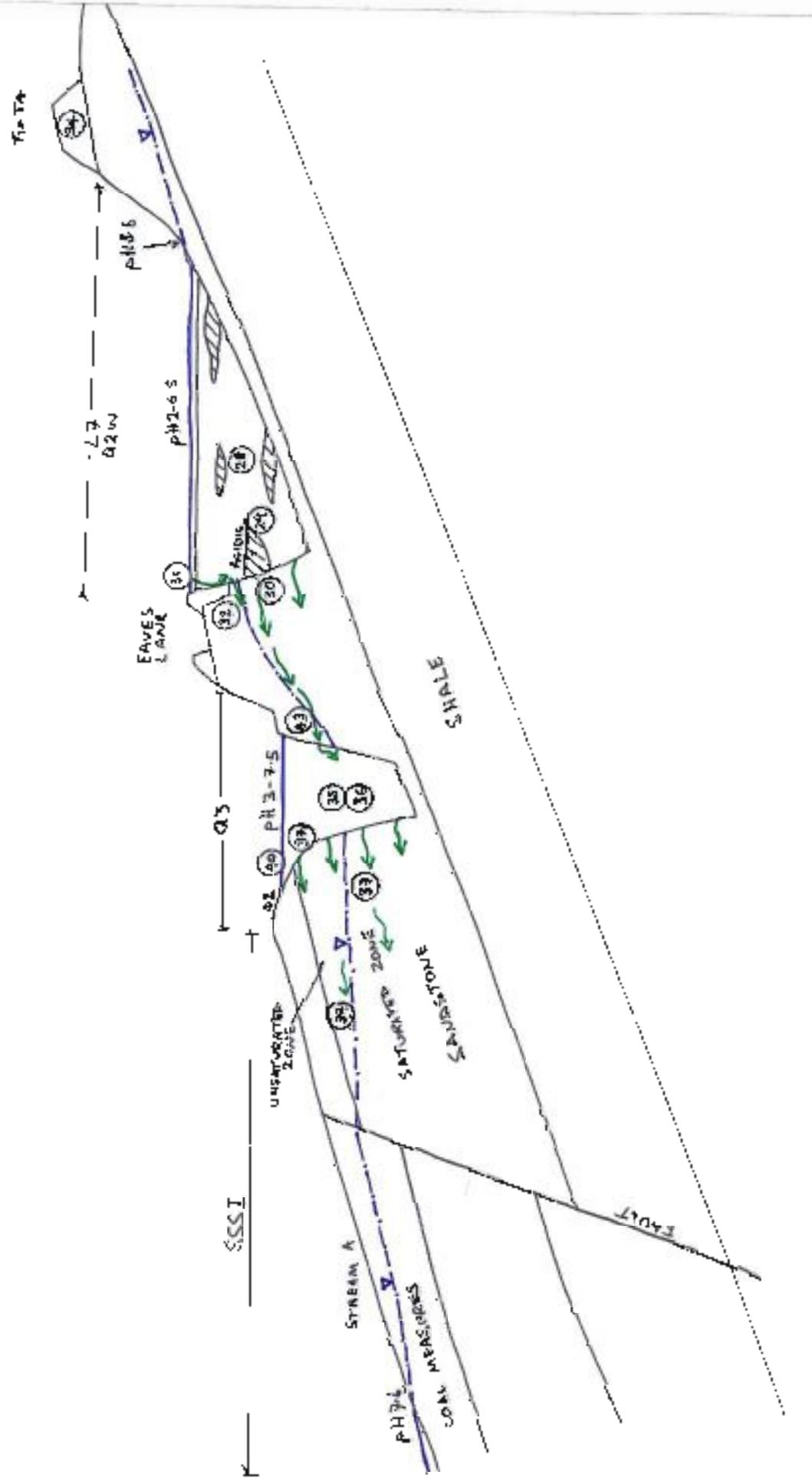
Abbeydale

Table 4









Notes: - NOT TO SCALE. This model is schematic only and does not reflect the specific ground conditions identified on or off the site.  
 - See Table 2.8 - Conceptual Model Table

**Abbeydale**  
 CONSULTANTS

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**CONCEPTUAL MODEL 2**  
 Client: Layer Leisure  
 Project: Moneystone Quarry, Oakamoor  
 Number: 418040

Fig 6