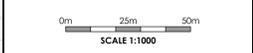


- GENERAL NOTES**
1. ALL MATERIALS AND WORKMANSHIP IS TO COMPLY WITH JPG CONSULTANTS STANDARD SPECIFICATION & ALL RELEVANT BRITISH & EUROPEAN STANDARDS.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL & E-CONSULTANTS AND JPG CONSULTANTS DRAWINGS.
 3. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CORRECTION CAN BE SOUGHT PRIOR TO COMMENCEMENT OF WORKS.

- LEGEND**
- 5.000 DENOTES PROPOSED MAJOR CONTOURS
 - 1.000 DENOTES PROPOSED MINOR CONTOURS
 - 1:40 DENOTES PROPOSED GRADIENTS
 - DENOTES DEVELOPABLE PLATEAU
 - DENOTES ATTENUATION BASINS
 - DENOTES LANDSCAPING AREA
 - DENOTES FILLED EMBANKMENT
 - DENOTES CUT EMBANKMENT



NO WORKS WITHIN 15m STAND OFF FROM RETAINED WOODLAND.

P04	REVISED TO SUB PLANNING COMMENTS	04.10.23	JOM	LSG
P03	REVISED HIGHWAY ALIGNMENT	17.04.23	CPH	LSG
P02	REVISED ATTENUATION LAYOUT	11.04.23	CPH	LSG
P01	FIRST ISSUE	10.03.23	CPH	LSG

REV	DESCRIPTION	DATE	CHK	BY

Project
 BARNSLEY WEST

Drawing Title
 PROPOSED EARTHWORKS LEVELS

INFORMATION

www.jpg.group
 t admin@jpg.group | t +44 (0)113 263 1155

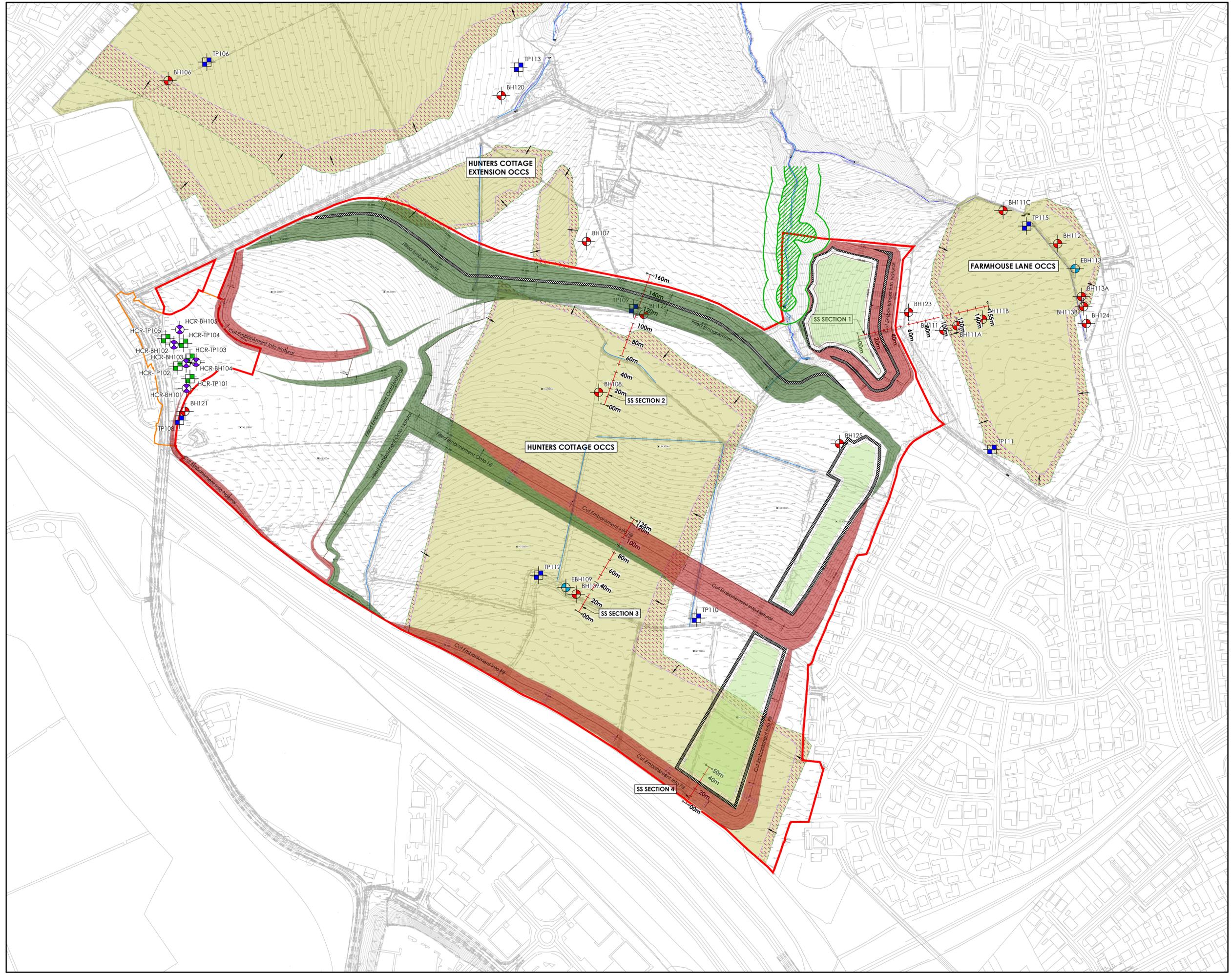
DO NOT SCALE (A1)

NOTES

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, M & E CONSULTANTS AND JPG CONSULTANTS DRAWINGS.
2. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO COMMENCEMENT OF WORKS.
3. TOPOGRAPHICAL SURVEY INFORMATION USED TO GENERATE PROJECTED EXISTING TOPOGRAPHIC LEVELS HAS BEEN TAKEN FROM: HAYCOCK & TODD LAND SURVEY CONSULTANTS, TOPOGRAPHICAL SURVEY, DRAWING NO. 58315.
4. CONJECTURED BASE OF MADE GROUND AND HIGHWALL LOCATIONS HAVE BEEN DETERMINED USING AVAILABLE OPENCAST COAL OPERATION COMPLETION & ABANDONMENT PLANS:

- A) NATIONAL COAL BOARD OPENCAST EXECUTIVE, CRAVEN I & II, DRAWING NO. OE/COMP/03/311.
- B) NATIONAL COAL BOARD OPENCAST EXECUTIVE, HUNTERS COTTAGE & EXTENSION, DRAWING NO. OE/COMP/03/121.
- C) FENNEL GREEN & BELBY, FARM HOUSE LANE COLLIERY NO. 2 MINE, BARNSELY BED PILLARS.
- D) F. J. SWAIN LTD, FARM HOUSE LANE- PRIVATE OPENCAST SITE, DRAWING NO. N.E.415.



P03	REDLINE BOUNDARY UPDATED	10/10/23	JDM	LSG
P02	REVISED SECTION LOCATIONS	26.04.23	DMH	LSG
P01	FIRST ISSUE	21.01.21	JAM	OLT
REV	DESCRIPTION	DATE	CHK	BY

Project
 BARNSELY WEST

Drawing Title
 SLOPE STABILITY ASSESSMENT
 SITE SECTIONS PLAN

INFORMATION ISSUE

JPG
 www.jpg.group
 Leeds - 0113 263 1155 | London - 0207 947 4148

DO NOT SCALE (A0)

NOTES

- GENERAL NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT, M & E CONSULTANTS AND JPG CONSULTANTS DRAWINGS.
2. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE REQUESTED PRIOR TO COMMENCEMENT OF WORKS.
3. TOPOGRAPHICAL SURVEY INFORMATION USED TO GENERATE PROPOSED EXISTING TOPOGRAPHIC LEVELS HAS BEEN TAKEN FROM: HAYCOCK & FOOD LAND SURVEY CONSULTANTS, TOPOGRAPHICAL SURVEY, DRAWING NO. 8315.
4. CONJECTURED BASE OF MADE GROUND AND HIGHWALL LOCATIONS HAVE BEEN DETERMINED USING AVAILABLE OPENCAST COAL OPERATION COMPLETION & ABANDONMENT PLANS.

AT NATIONAL COAL BOARD OPENCAST EXECUTIVE, CRAVENI & I. DRAWING NO. OEC/COMP/03/11.
B. NATIONAL COAL BOARD OPENCAST EXECUTIVE, HUNTERS COTTAGE & EXTENSION, DRAWING NO. OEC/COMP/03/12.
C. HENRIEL GREEN & BERRY, FARM HOUSE LANE COLEBY NO. 2 MINE, BARNLEY BED FILLS.
D. E. SWAIN LTD, FARM HOUSE LANE, PRIVATE OPENCAST SITE, DRAWING NO. N.E.415.

- SECTIONS
- - - DENOTES EXISTING GROUND LEVEL
- - - DENOTES PROPOSED DEVELOPMENT LEVEL
- - - DENOTES CONJECTURED BASE OF MADE GROUND

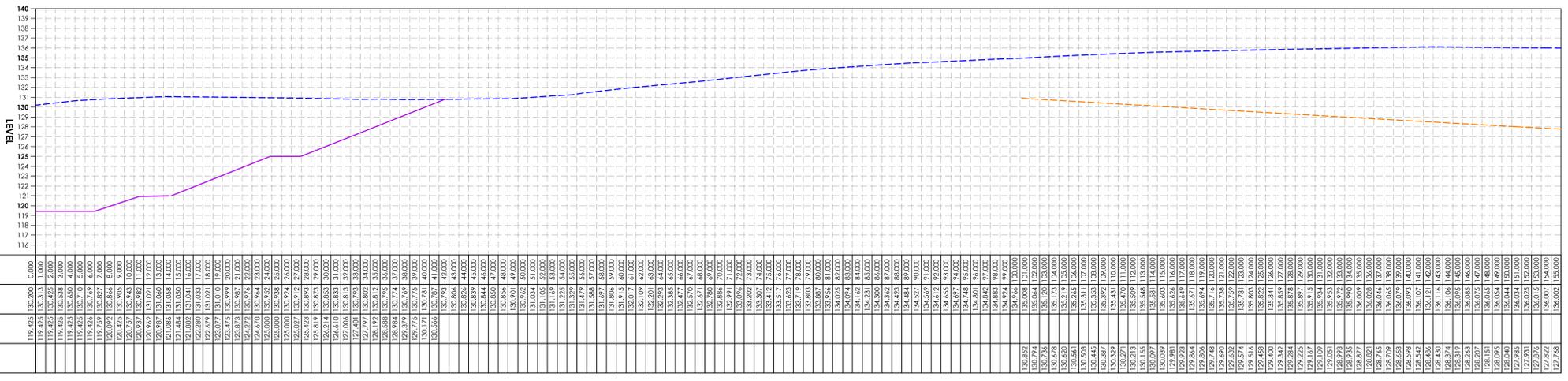


Table for SS SECTION 1 PROFILE with columns: CHAINAGE, EXISTING LEVELS, PROPOSED LEVELS, BASE OF OPEN CAST. Contains numerical data for each chainage point.

SS SECTION 1 PROFILE SCALE 1:200

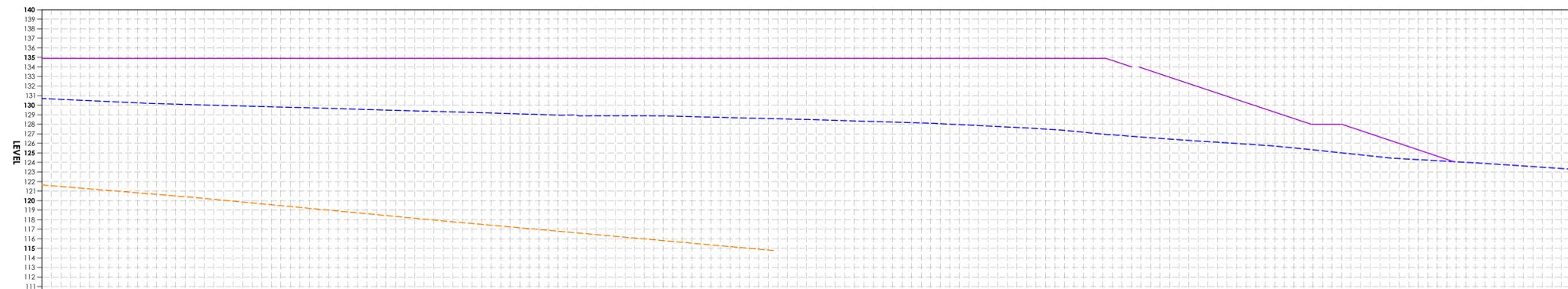


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SS SECTION 2 PROFILE SCALE 1:200

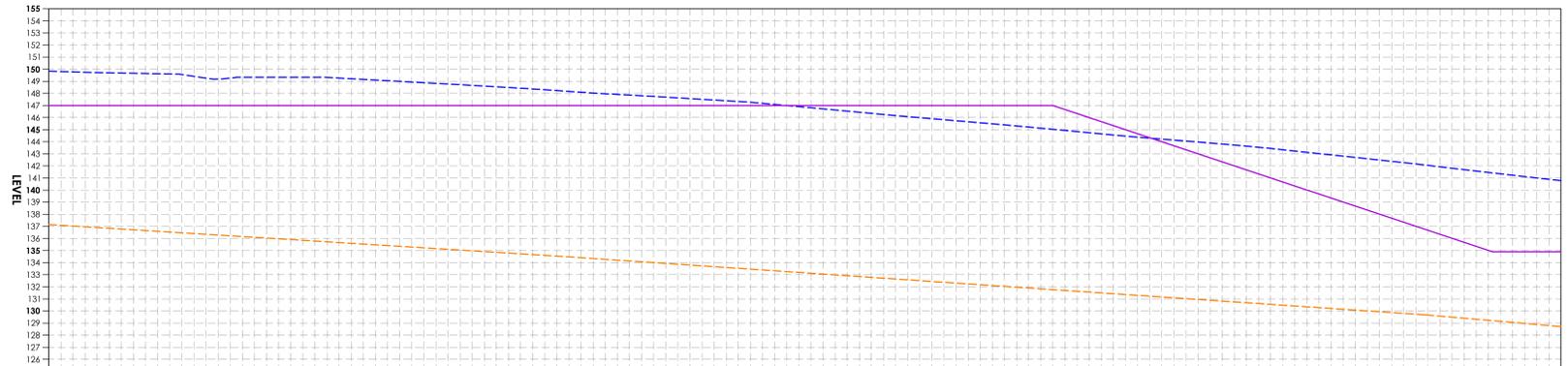


Table for SS SECTION 3 PROFILE with columns: CHAINAGE, EXISTING LEVELS, PROPOSED LEVELS, BASE OF OPEN CAST. Contains numerical data for each chainage point.

SS SECTION 3 PROFILE SCALE 1:200

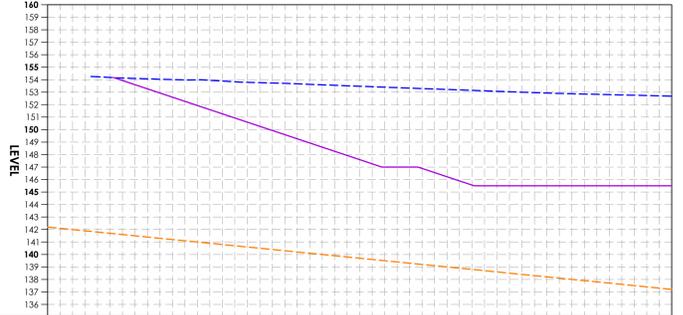


Table for SS SECTION 4 PROFILE with columns: CHAINAGE, EXISTING LEVELS, PROPOSED LEVELS, BASE OF OPEN CAST. Contains numerical data for each chainage point.

SS SECTION 4 PROFILE SCALE 1:200

Revision table with columns: REV, DESCRIPTION, DATE, CHK, BY. Includes Project name: BARNSELY WEST.

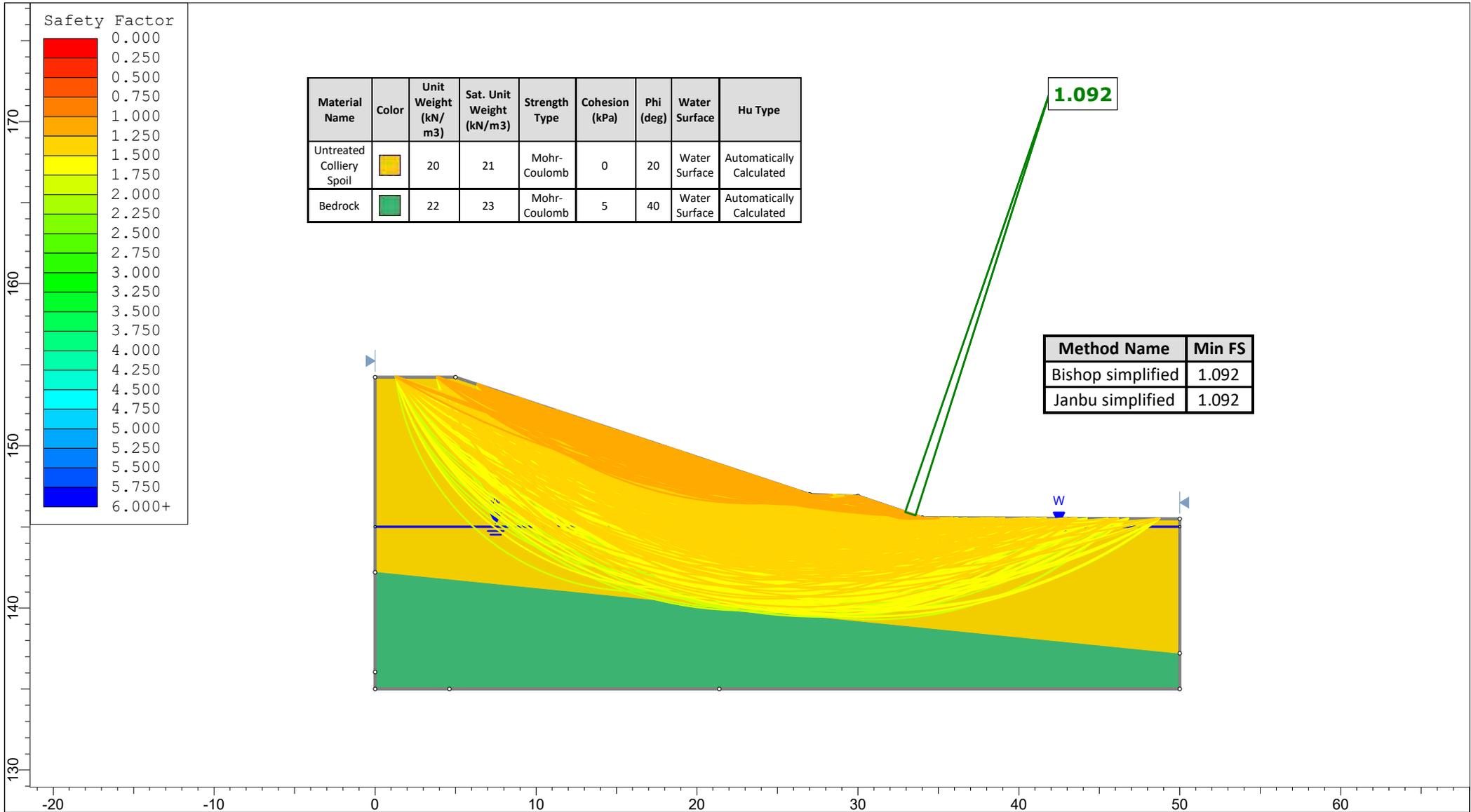
Drawing Title: SLOPE STABILITY ASSESSMENT SITE SECTIONS

INFORMATION ISSUE

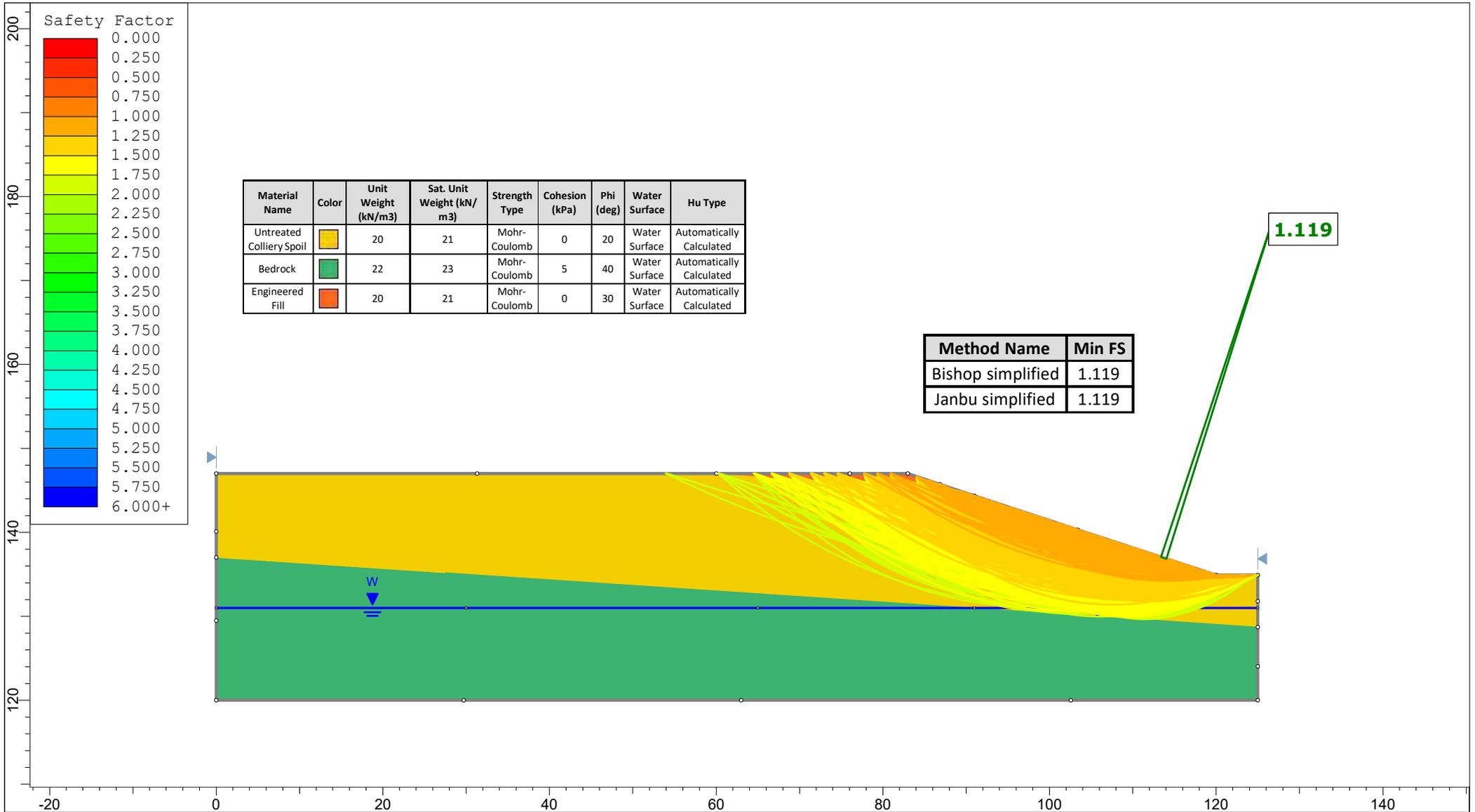
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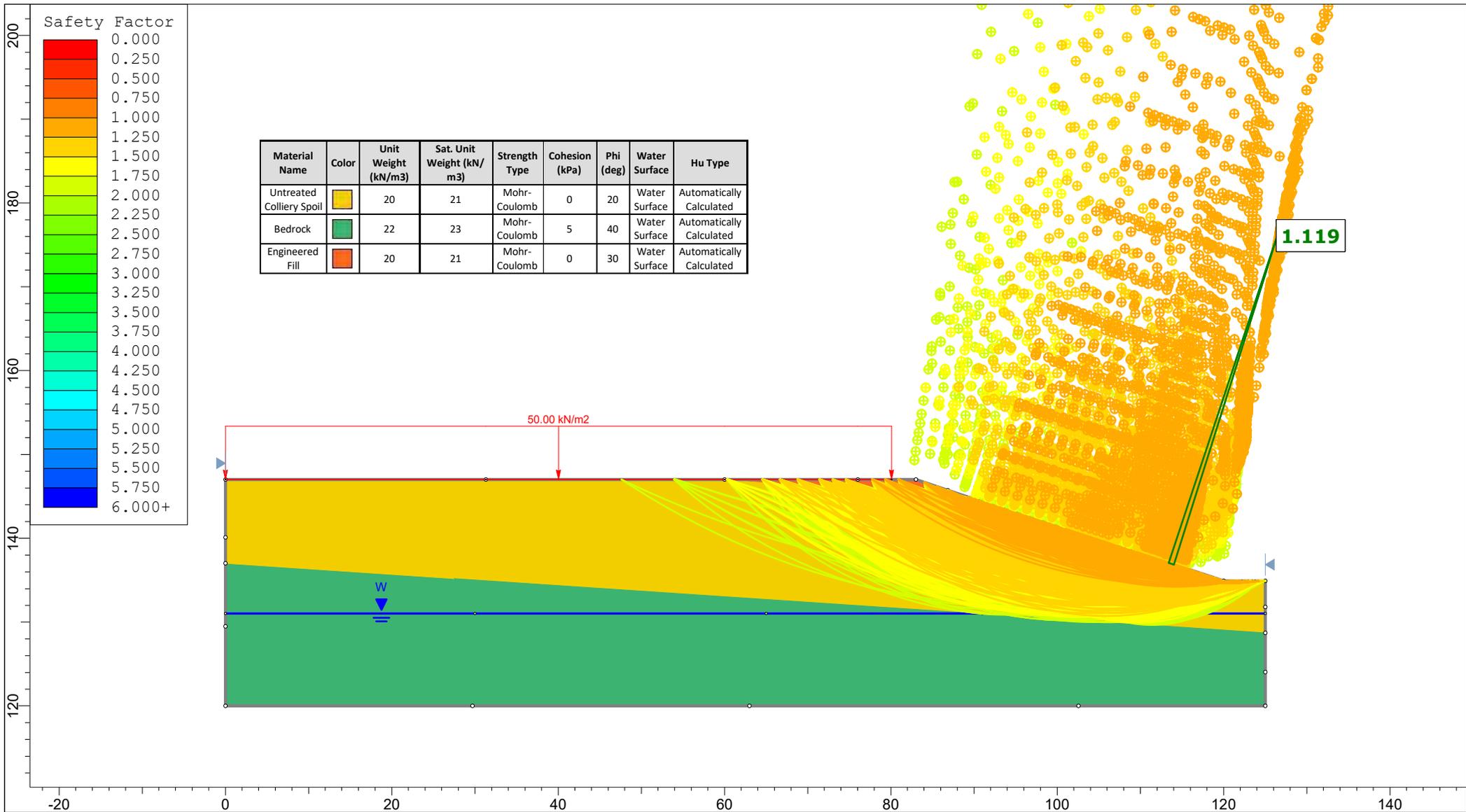
Appendix B Slope Stability Assessment Sections



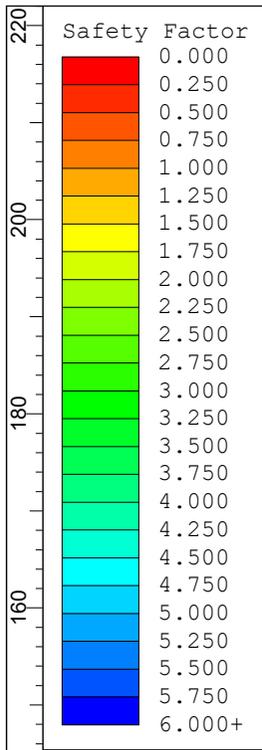
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	Group	Section 01	Scenario	Master Scenario
	Drawn By	DMH	Company	JPG (Leeds) Limited
	Date	May 2023	File Name	4848_Slope_Section_01_V1.slmd



	<i>Project</i>		4848 - Barnsley West Section 02	
	<i>Group</i>		Section 02	<i>Scenario</i>
	<i>Drawn By</i>		DMH	<i>Company</i>
	<i>Date</i>		May 2023	<i>File Name</i>
				Master Scenario
				JPG (Leeds) Limited
				4848_Slope_Section_02_V1.slmd

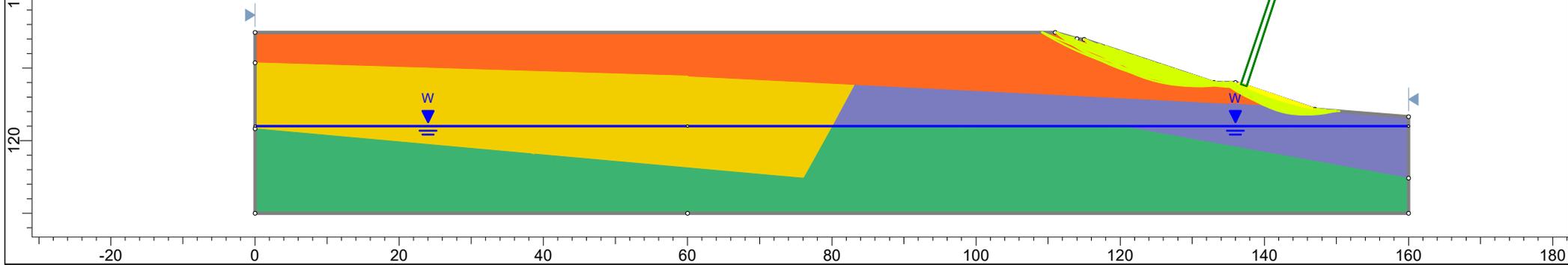


	<i>Project</i> 4848 - Barnsley West Section 02 Plus Unit Loading	
	<i>Group</i> Section 02 Plus Unit Loading	<i>Scenario</i> Master Scenario
	<i>Drawn By</i> DMH	<i>Company</i> JPG (Leeds) Limited
	<i>Date</i> May 2023	<i>File Name</i> 4848_Slope_Section_02_V1-Plus_Unit_Loading.slmd

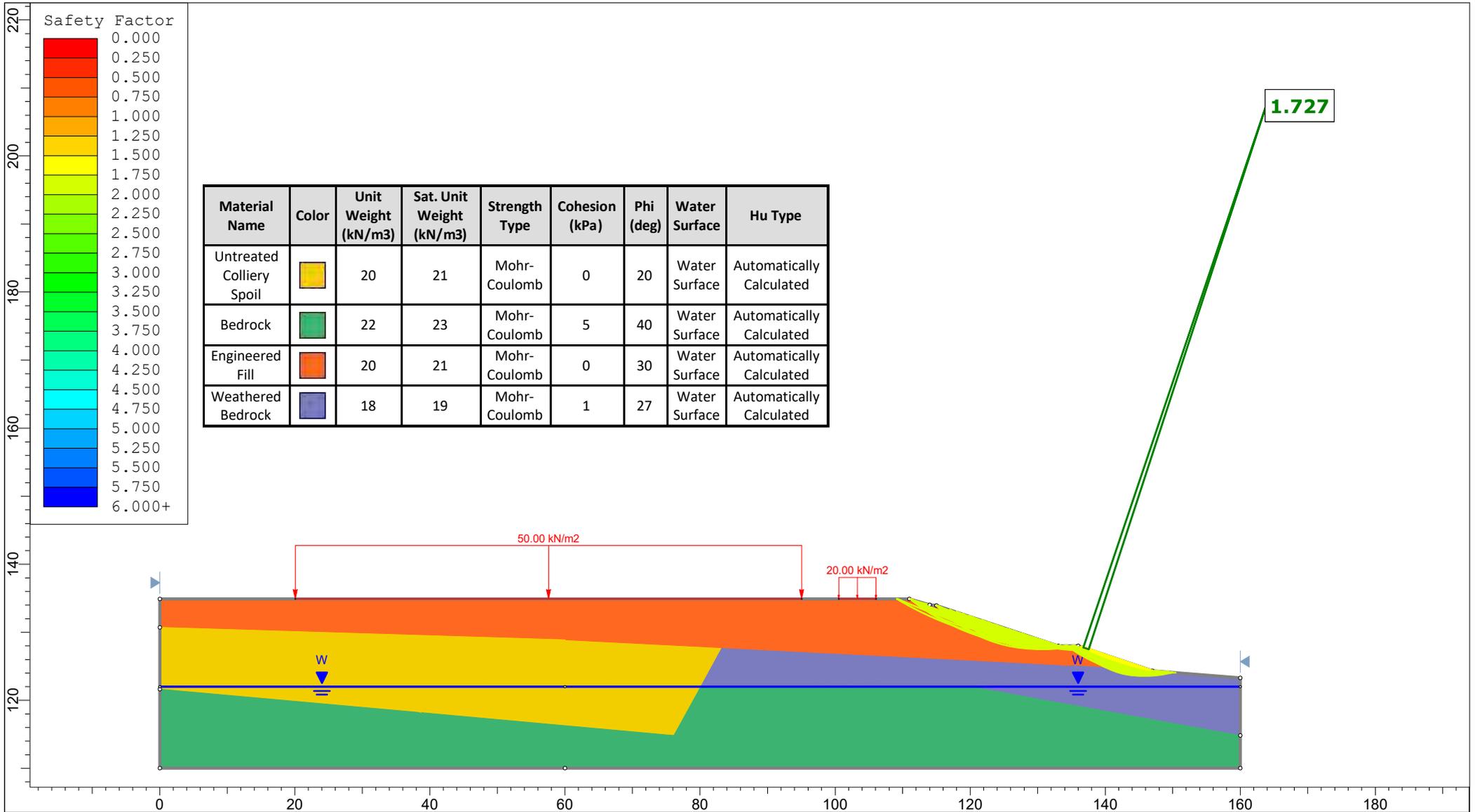


Material Name	Color	Unit Weight (kN/m ³)	Sat. Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	Water Surface	Hu Type
Untreated Colliery Spoil		20	21	Mohr-Coulomb	0	20	Water Surface	Automatically Calculated
Bedrock		22	23	Mohr-Coulomb	5	40	Water Surface	Automatically Calculated
Engineered Fill		20	21	Mohr-Coulomb	0	30	Water Surface	Automatically Calculated
Weathered Bedrock		18	19	Mohr-Coulomb	1	27	Water Surface	Automatically Calculated

Method Name	Min FS
Bishop simplified	1.727
Janbu simplified	1.727

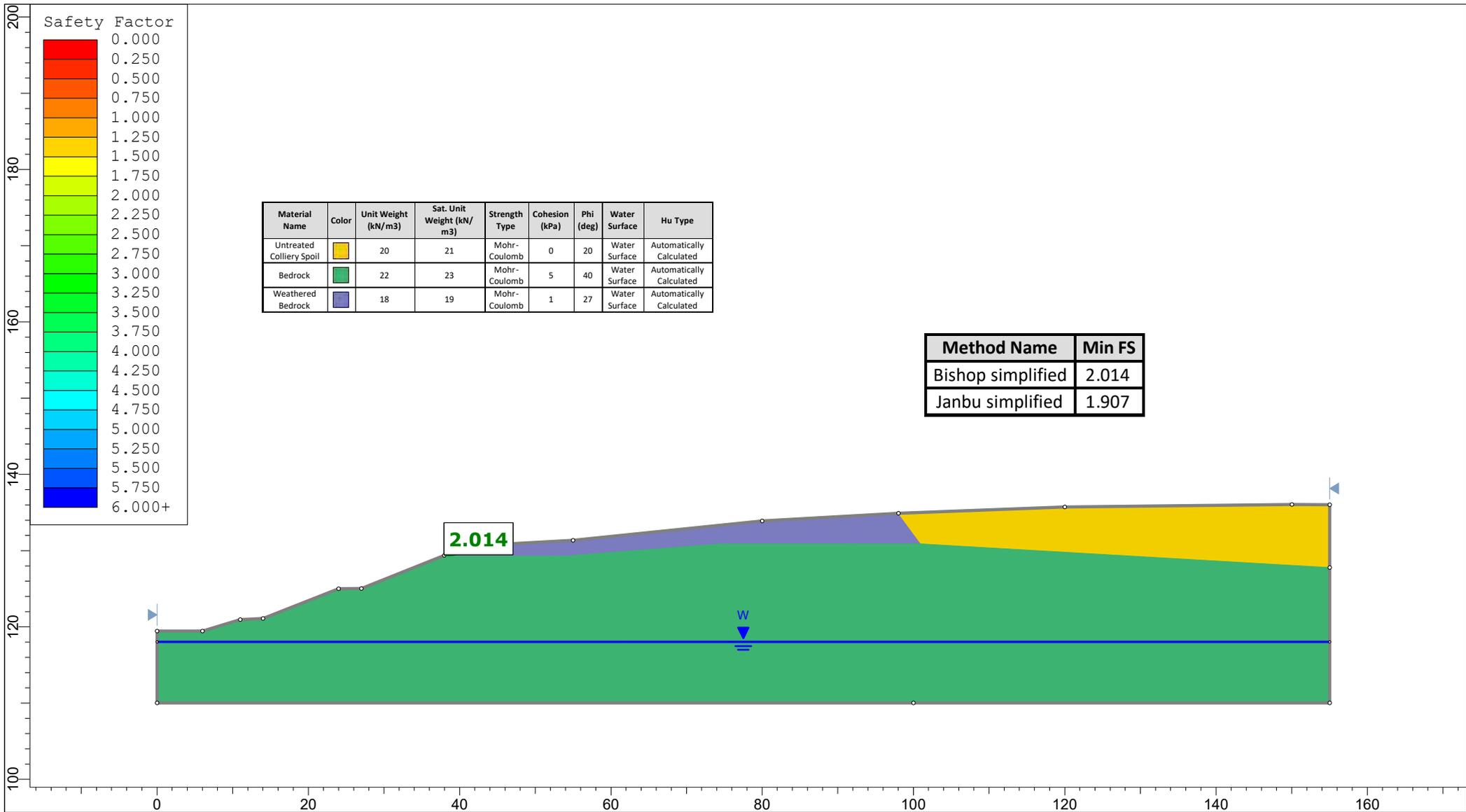


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	Group		Section 03	Scenario
	Drawn By		DMH	Company
	Date		May 2023	File Name
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			JPG (Leeds) Limited	
			4848_Slope_Section_03_V1.slm	

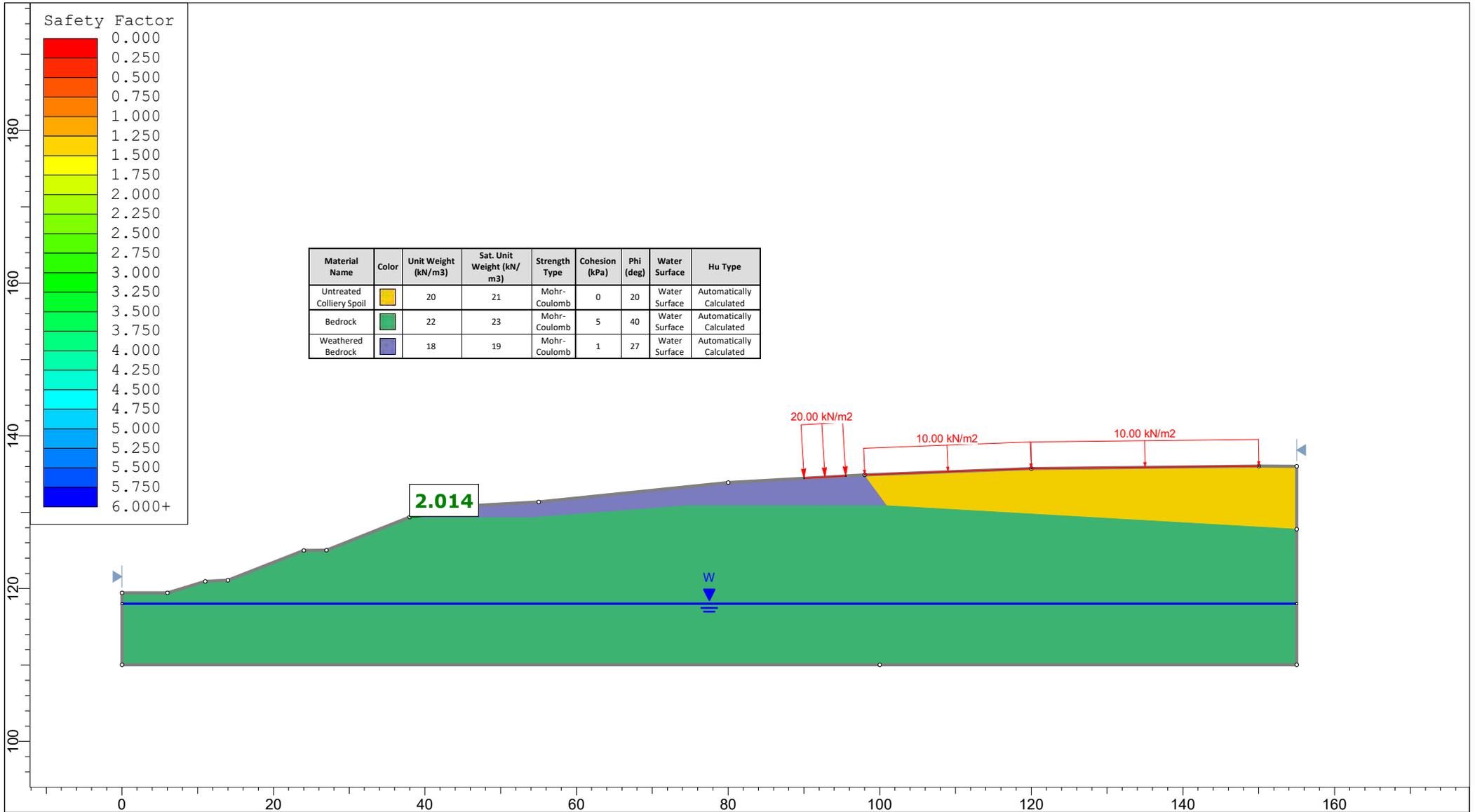


Material Name	Color	Unit Weight (kN/m3)	Sat. Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (deg)	Water Surface	Hu Type
Untreated Colliery Spoil		20	21	Mohr-Coulomb	0	20	Water Surface	Automatically Calculated
Bedrock		22	23	Mohr-Coulomb	5	40	Water Surface	Automatically Calculated
Engineered Fill		20	21	Mohr-Coulomb	0	30	Water Surface	Automatically Calculated
Weathered Bedrock		18	19	Mohr-Coulomb	1	27	Water Surface	Automatically Calculated

	Project 4848 - Barnsley West Section 03 Plus Unit & Road Loading	
	Group Section 03 Plus Unit & Road Loading	Scenario Master Scenario
	Drawn By DMH	Company JPG (Leeds) Limited
	Date May 2023	File Name 4848_Slope_Section_03_V2-Plus_Unit_&_Road_Loading.slmd



	Project		4848 - Barnsley West Section 04	
	Group	Section 04	Scenario	Master Scenario
	Drawn By	DMH	Company	JPG (Leeds) Limited
	Date	May 2023	File Name	4848_Slope_Section_04_V1.slm



	Project 4848 - Barnsley West Section 04 Plus Residential & Road Loading	
	Group Section 04 Plus Residential & Road Loading	Scenario Master Scenario
	Drawn By DMH	Company JPG (Leeds) Limited
	Date May 2023	File Name 4848_Slope_Section_04_V2_Plus_Residential_&_Road>Loading.slmd

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