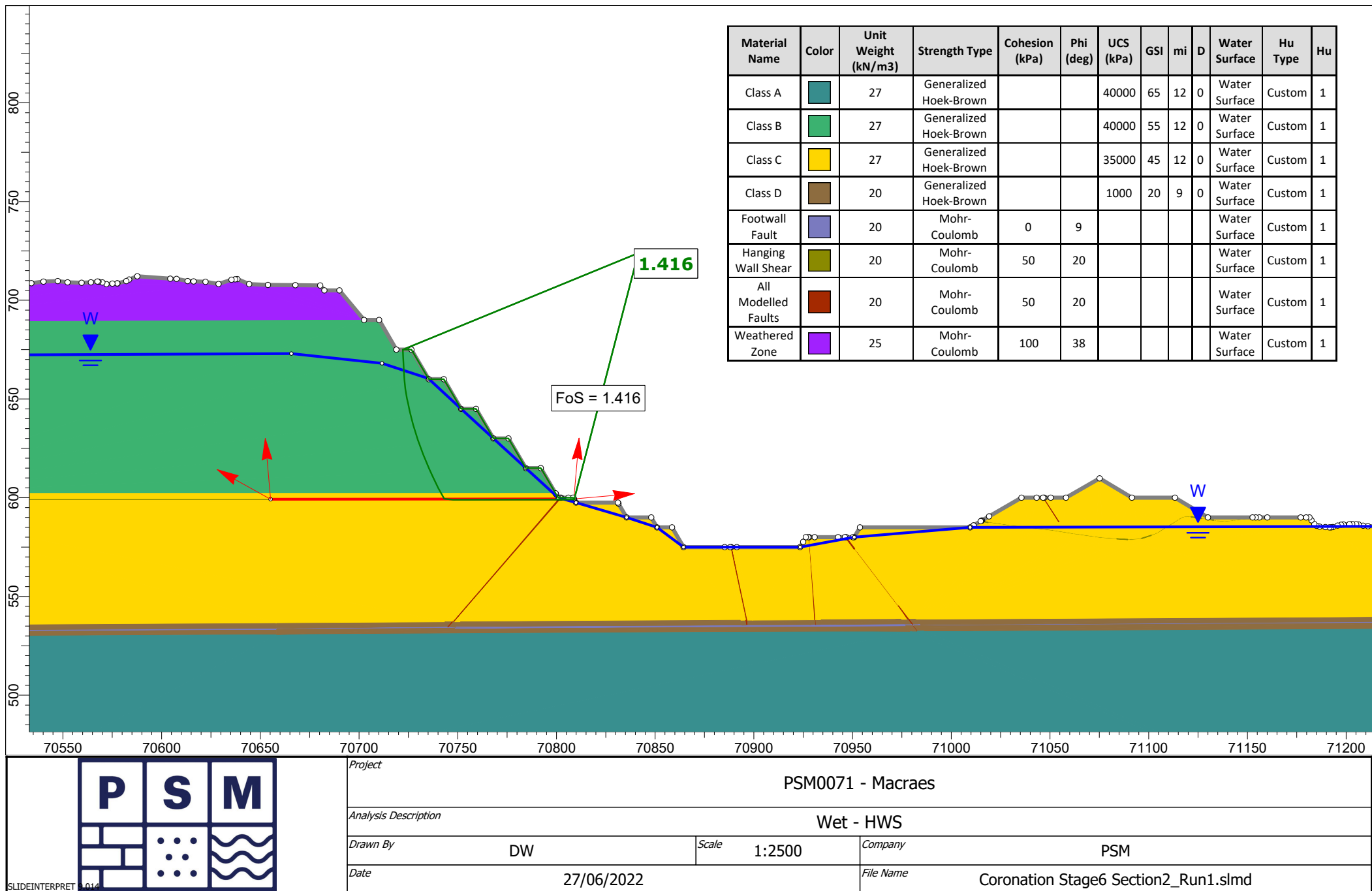
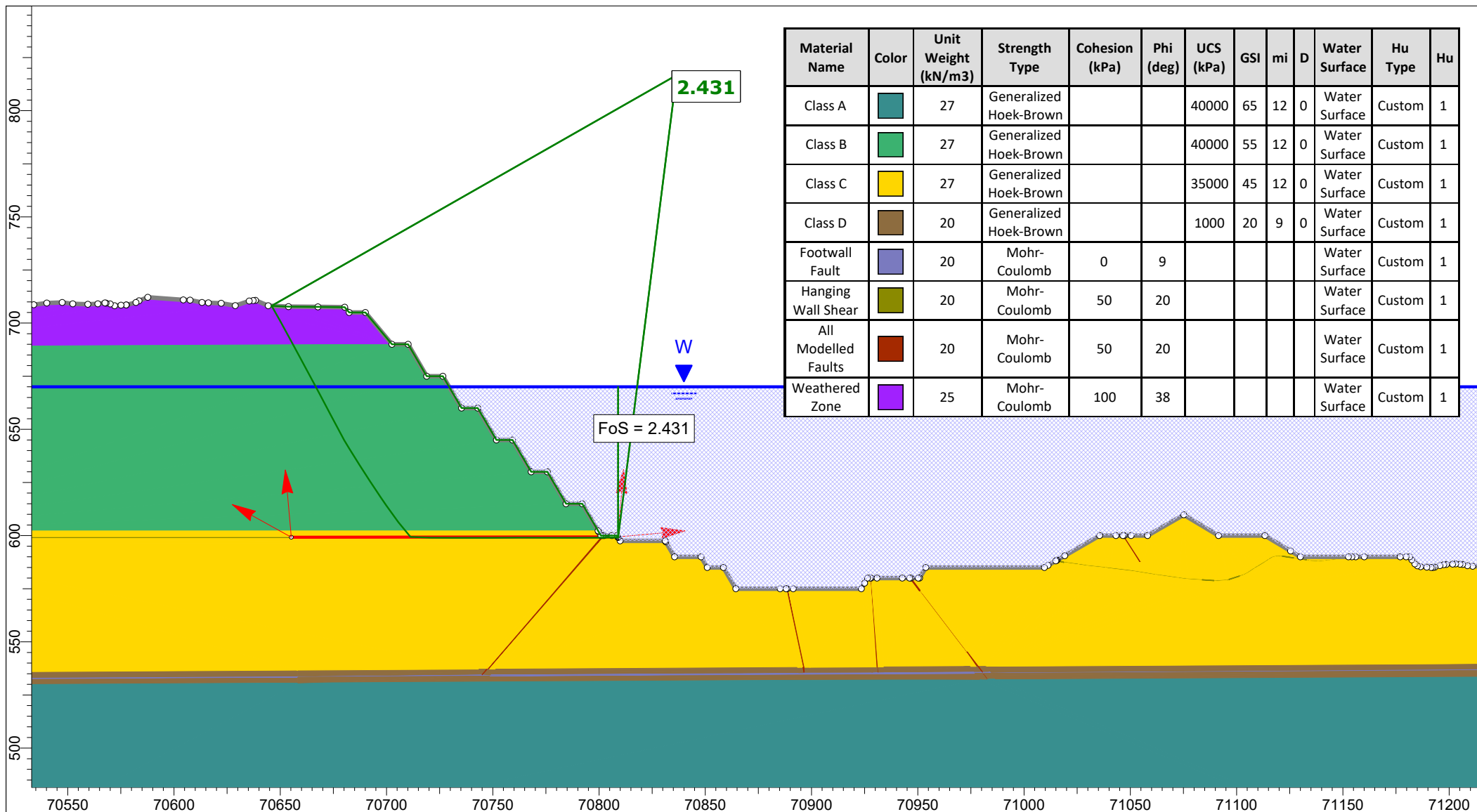
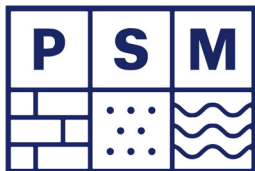






Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	1
Class B		27	Generalized Hoek-Brown			40000	55	12	0	Water Surface	Custom	1
Class C		27	Generalized Hoek-Brown			35000	45	12	0	Water Surface	Custom	1
Class D		20	Generalized Hoek-Brown			1000	20	9	0	Water Surface	Custom	1
Footwall Fault		20	Mohr-Coulomb	0	9					Water Surface	Custom	1
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
Weathered Zone		25	Mohr-Coulomb	100	38					Water Surface	Custom	1



SLIDEINTERPRET 9.022

Project

PSM0071 - Macraes

Analysis Description

Pit Water HWS

Drawn By

HG

Scale

1:2500

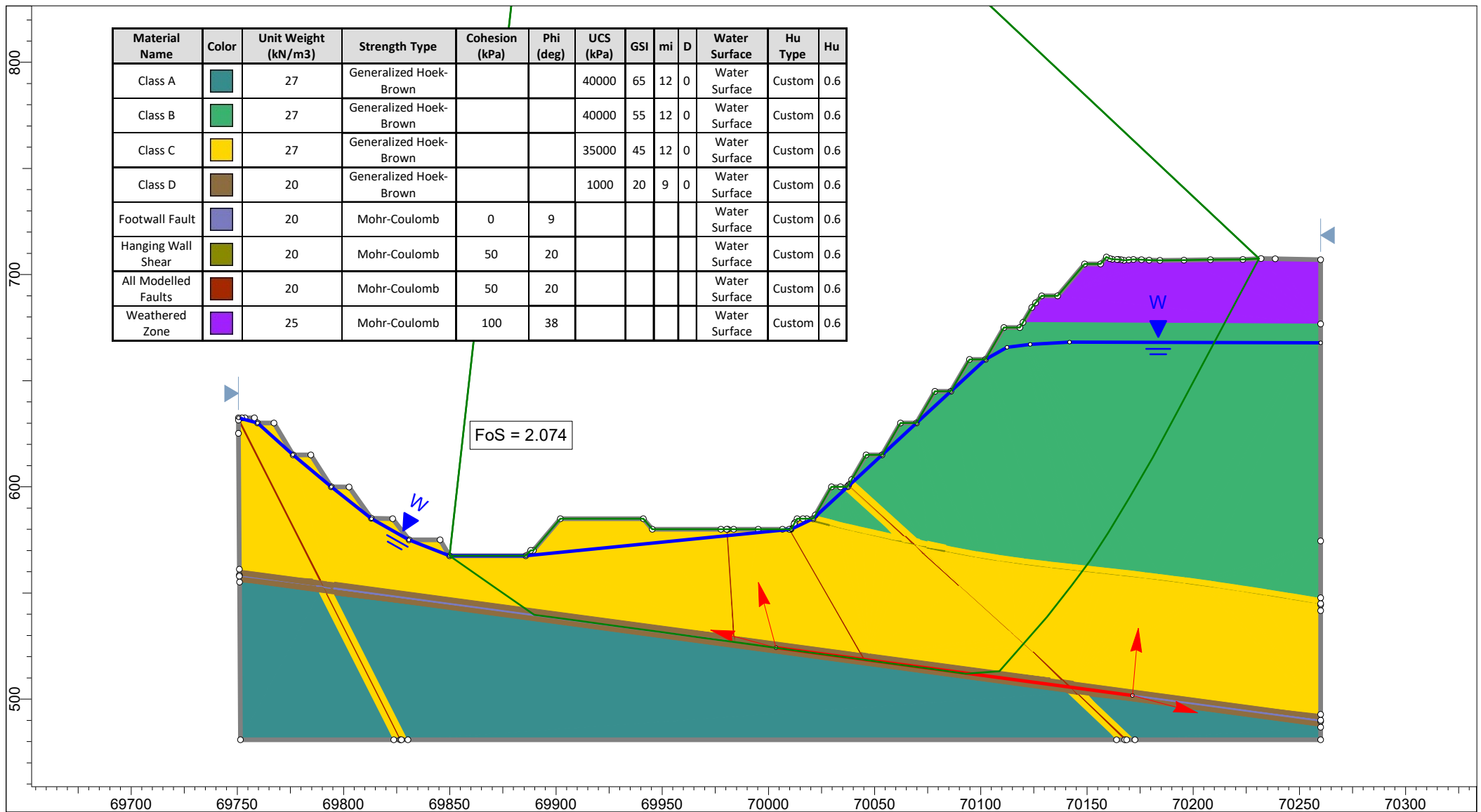
Company

PSM

Date

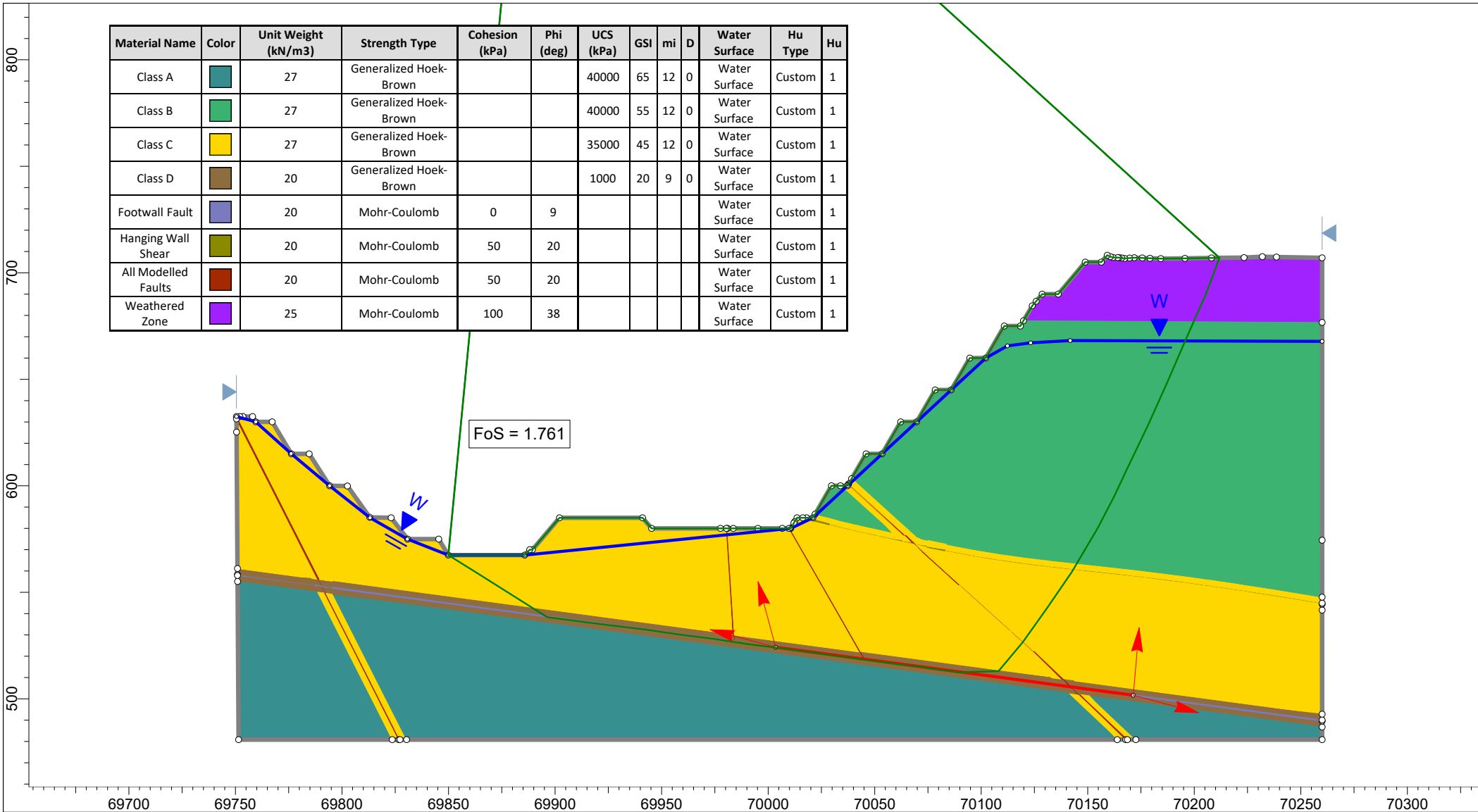
File Name

Coronation Stage6 Section2_Run1_HG.slmd

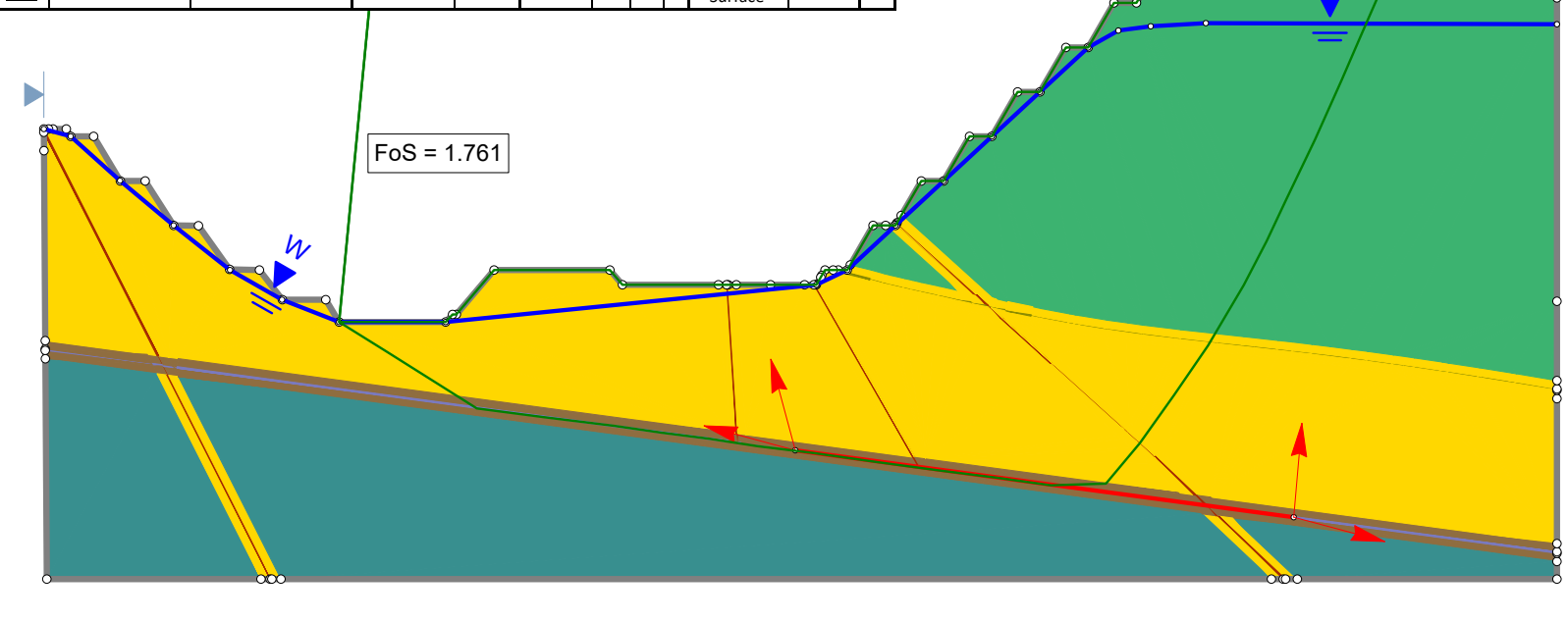


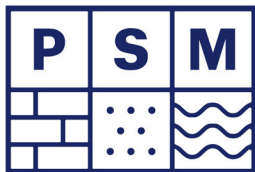
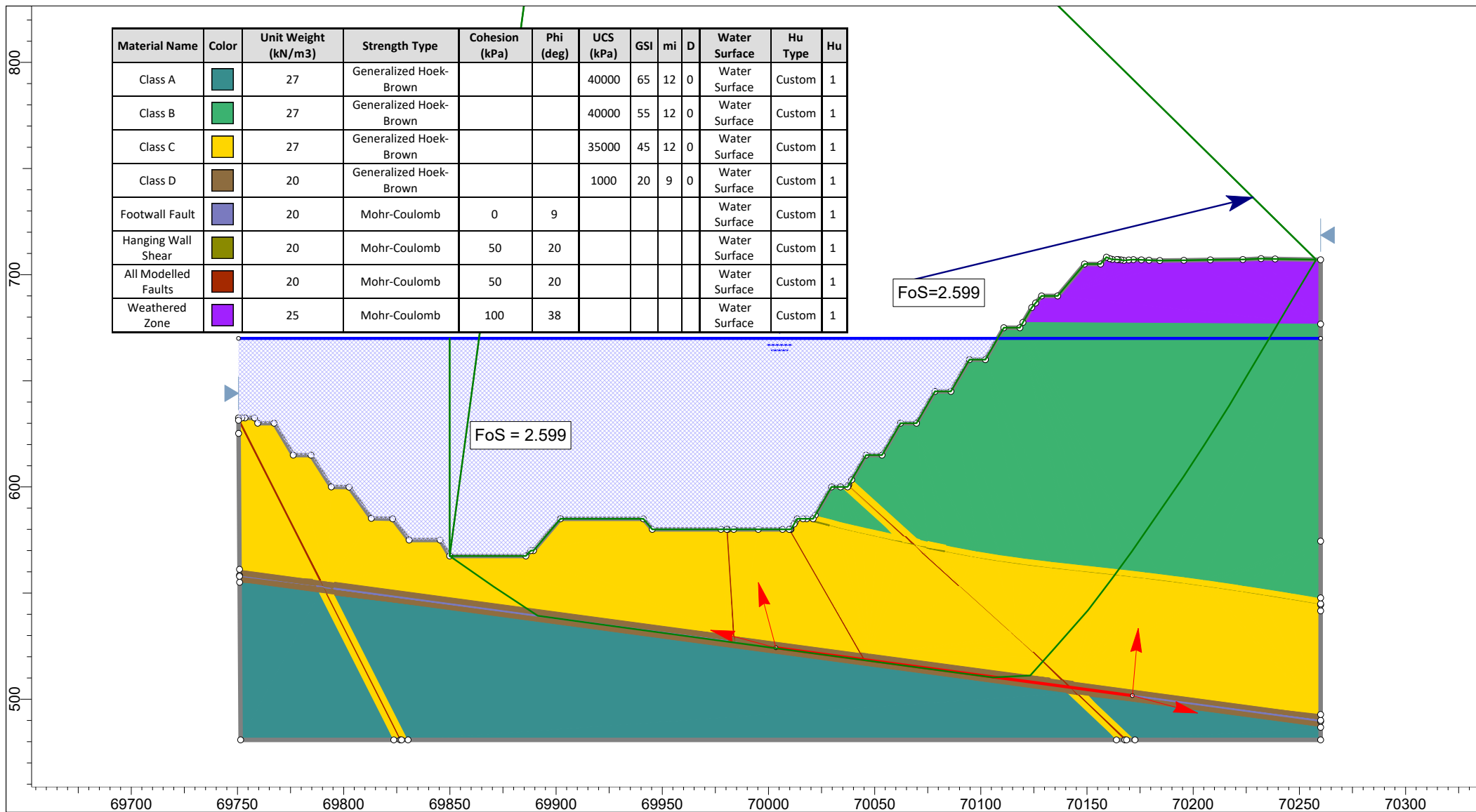
SLIDEINTERPRET 0.019 P S M	Project					
	PSM0071 - Macraes					
	Analysis Description					
	Hu=0.6 FWF					
	Drawn By		DW		Scale	1:2500
				PSM		
Date			1/07/2022			File Name
						Coronation Stage6 Section3_Run1.slmd

Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A	[Teal]	27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	1
Class B	[Green]	27	Generalized Hoek-Brown			40000	55	12	0	Water Surface	Custom	1
Class C	[Yellow]	27	Generalized Hoek-Brown			35000	45	12	0	Water Surface	Custom	1
Class D	[Brown]	20	Generalized Hoek-Brown			1000	20	9	0	Water Surface	Custom	1
Footwall Fault	[Blue-Gray]	20	Mohr-Coulomb	0	9					Water Surface	Custom	1
Hanging Wall Shear	[Olive Green]	20	Mohr-Coulomb	50	20					Water Surface	Custom	1
All Modelled Faults	[Dark Brown]	20	Mohr-Coulomb	50	20					Water Surface	Custom	1
Weathered Zone	[Purple]	25	Mohr-Coulomb	100	38					Water Surface	Custom	1

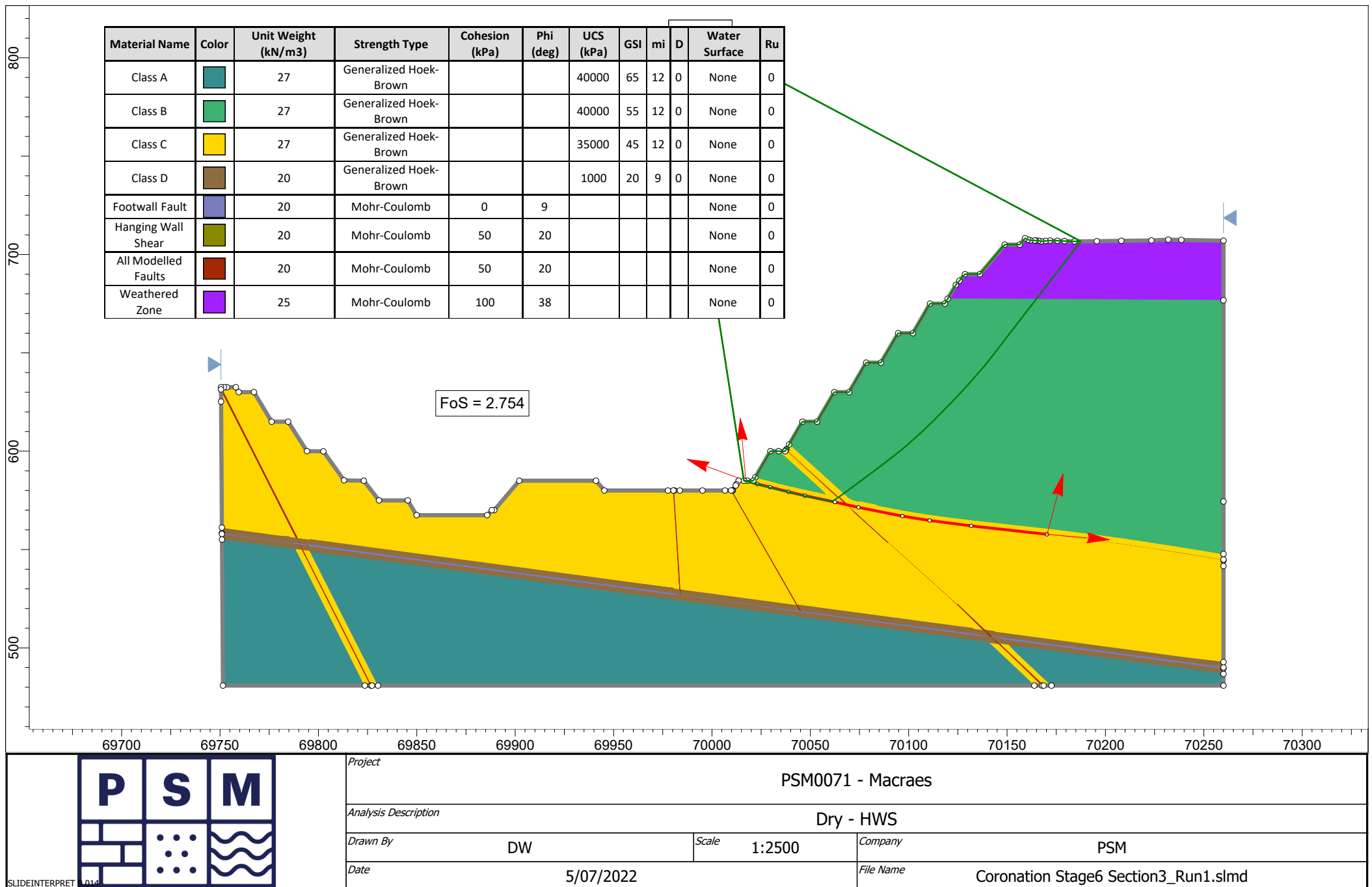


Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	1
Class B		27	Generalized Hoek-Brown			40000	55	12	0	Water Surface	Custom	1
Class C		27	Generalized Hoek-Brown			35000	45	12	0	Water Surface	Custom	1
Class D		20	Generalized Hoek-Brown			1000	20	9	0	Water Surface	Custom	1
Footwall Fault		20	Mohr-Coulomb	0	9					Water Surface	Custom	1
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
Weathered Zone		25	Mohr-Coulomb	100	38					Water Surface	Custom	1

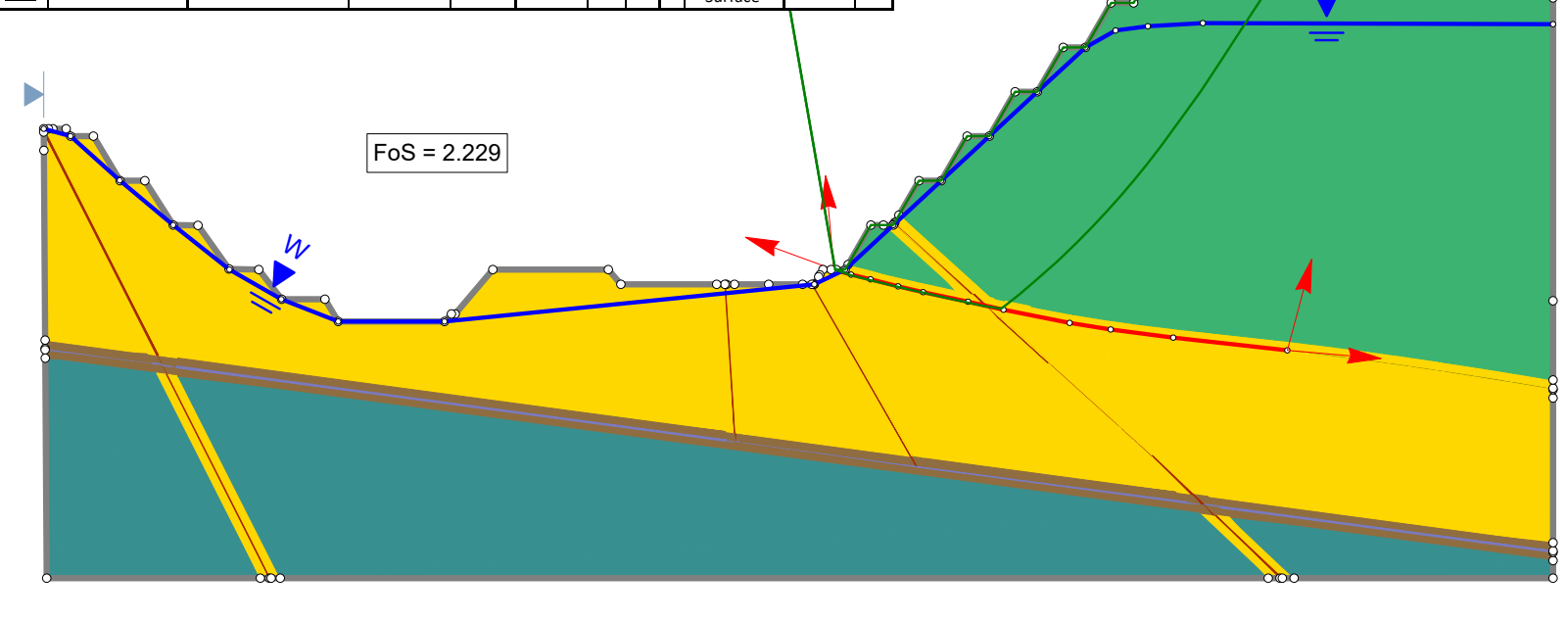




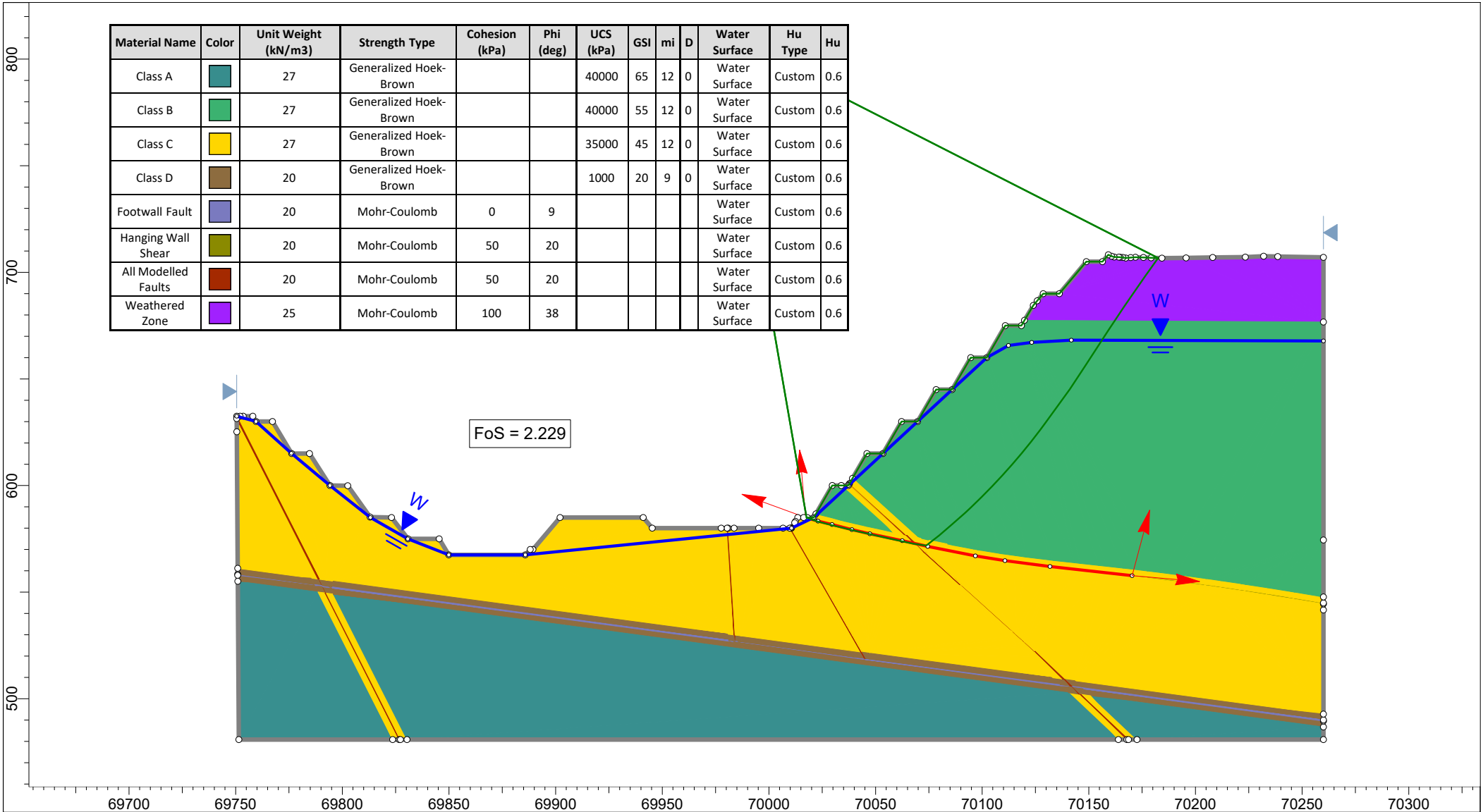
Project			PSM0071 - Macraes		
Analysis Description			Pit Water FWF		
Drawn By		HG	Scale		1:2500
Date			Company		PSM
			File Name		Coronation Stage6 Section3_Run1_HG.slmd



Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	0.6
Class B		27	Generalized Hoek-Brown			40000	55	12	0	Water Surface	Custom	0.6
Class C		27	Generalized Hoek-Brown			35000	45	12	0	Water Surface	Custom	0.6
Class D		20	Generalized Hoek-Brown			1000	20	9	0	Water Surface	Custom	0.6
Footwall Fault		20	Mohr-Coulomb	0	9					Water Surface	Custom	0.6
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	0.6
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	0.6
Weathered Zone		25	Mohr-Coulomb	100	38					Water Surface	Custom	0.6

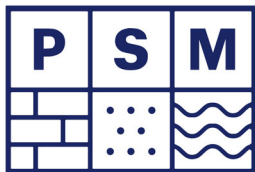
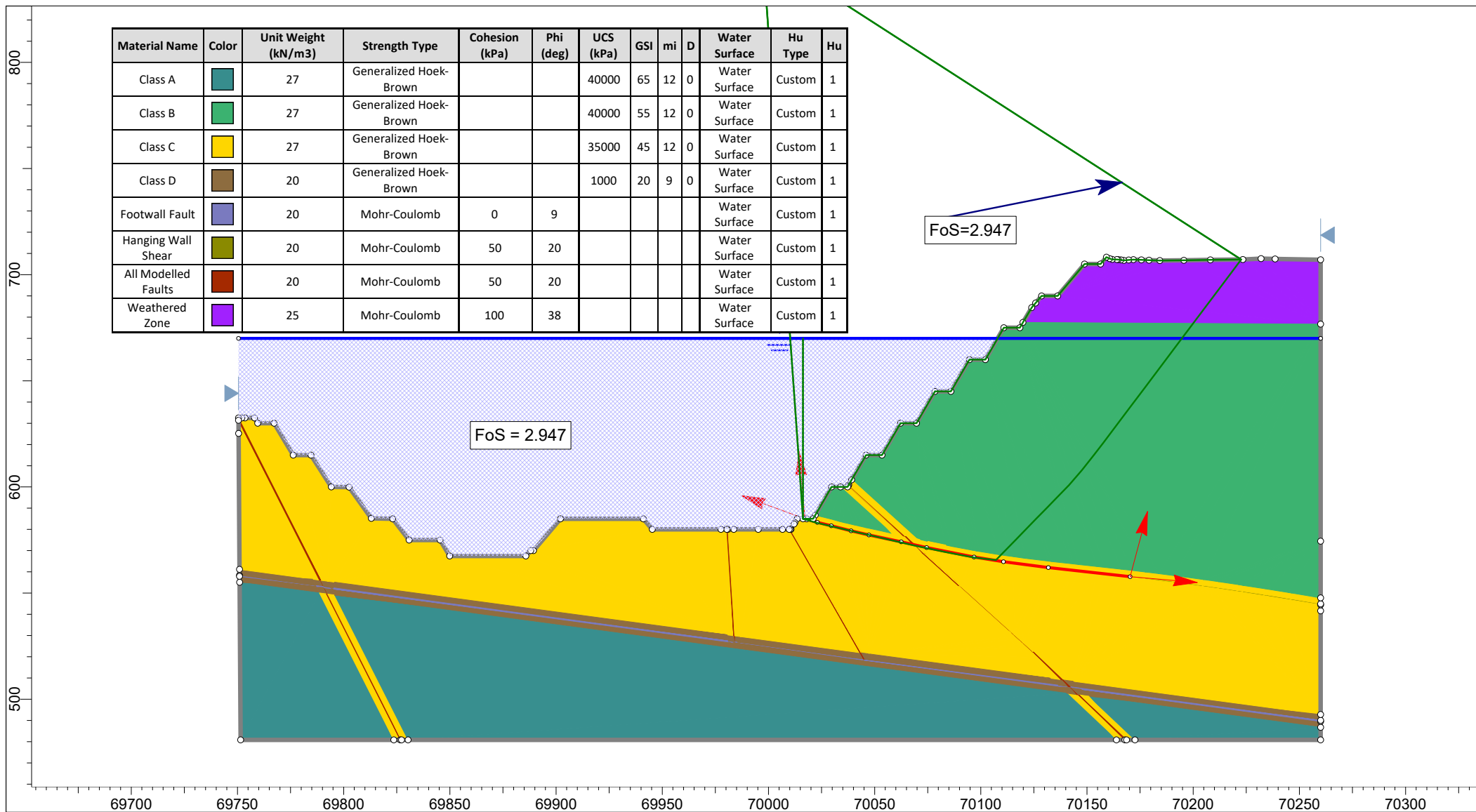


The geological cross-section plot displays a slope profile with various material zones and failure surfaces. The x-axis represents horizontal distance from 69700 to 70300, and the y-axis represents elevation from 500 to 800. The material zones are color-coded: Class A (teal), Class B (green), Class C (yellow), Class D (brown), Footwall Fault (purple), Hanging Wall Shear (olive), All Modelled Faults (red), and Weathered Zone (pink). The failure surfaces are indicated by blue and red lines. A Factor of Safety (FoS) of 2.229 is shown in a box. The plot also includes a table of material properties and a water surface line.

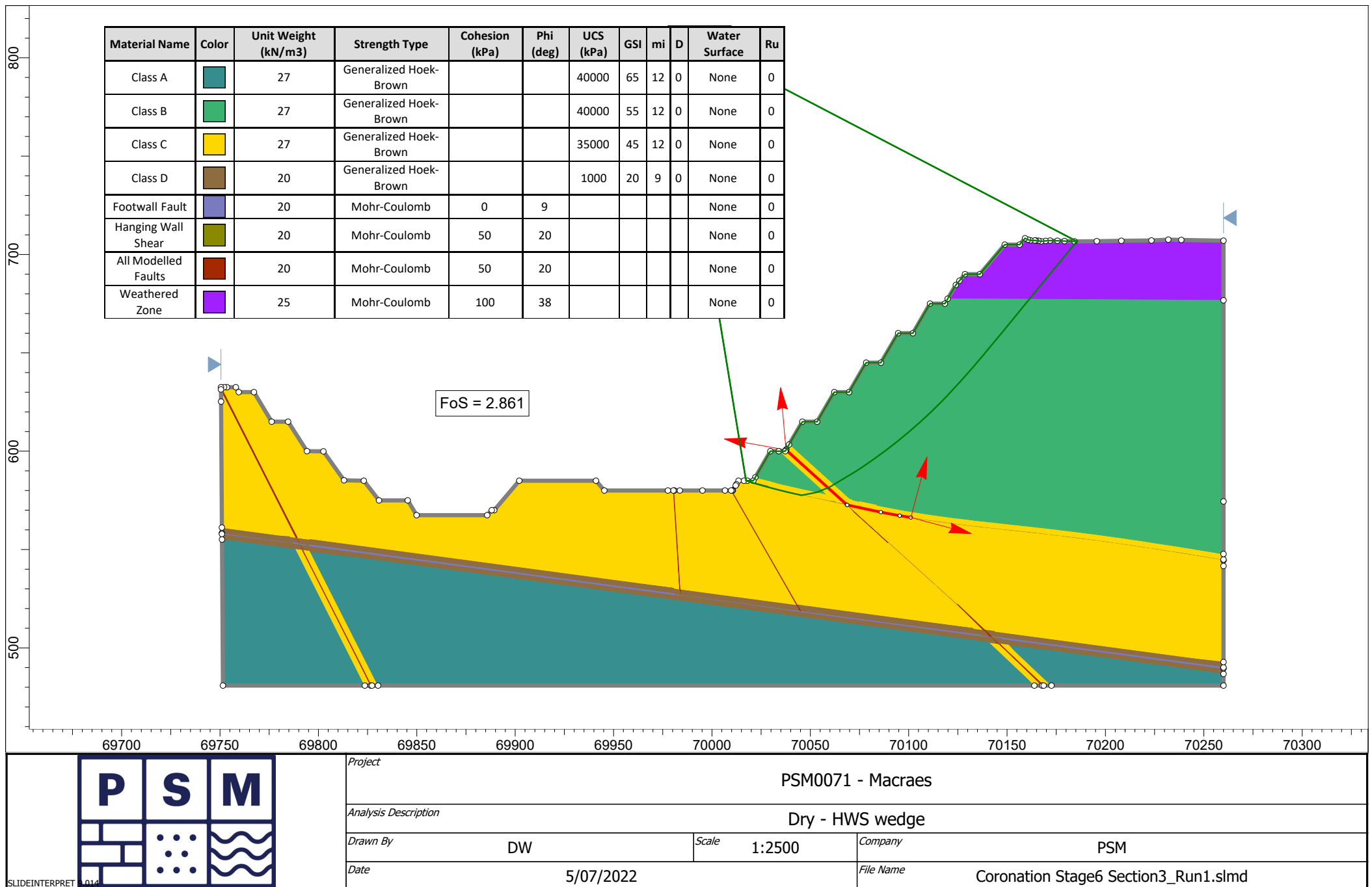


	Project			PSM0071 - Macraes			
	Analysis Description			Hu=0.6 HWS			
	Drawn By		DW	Scale	1:2500	Company	PSM
	Date		5/07/2022		File Name	Coronation Stage6 Section3_Run1.slmd	

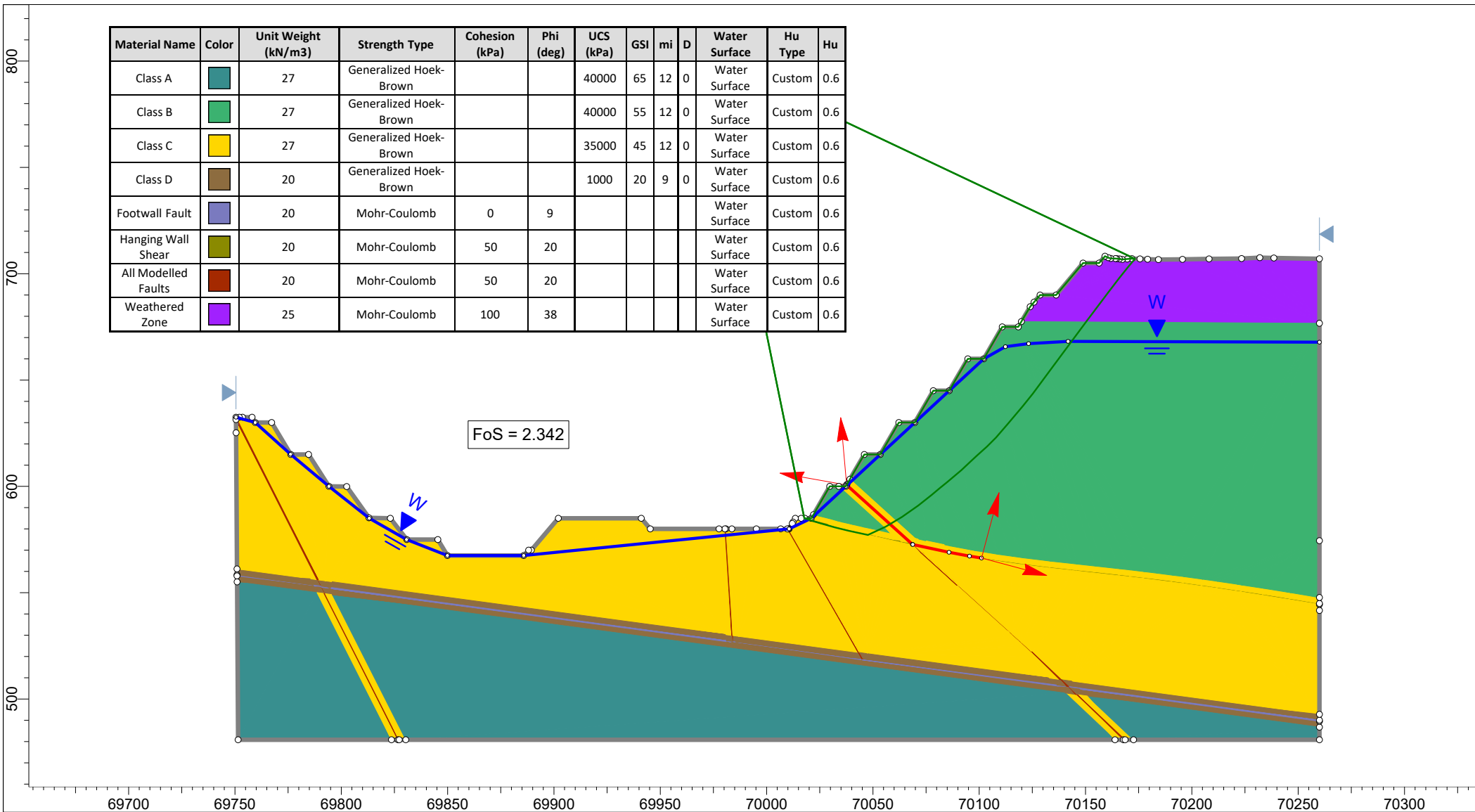
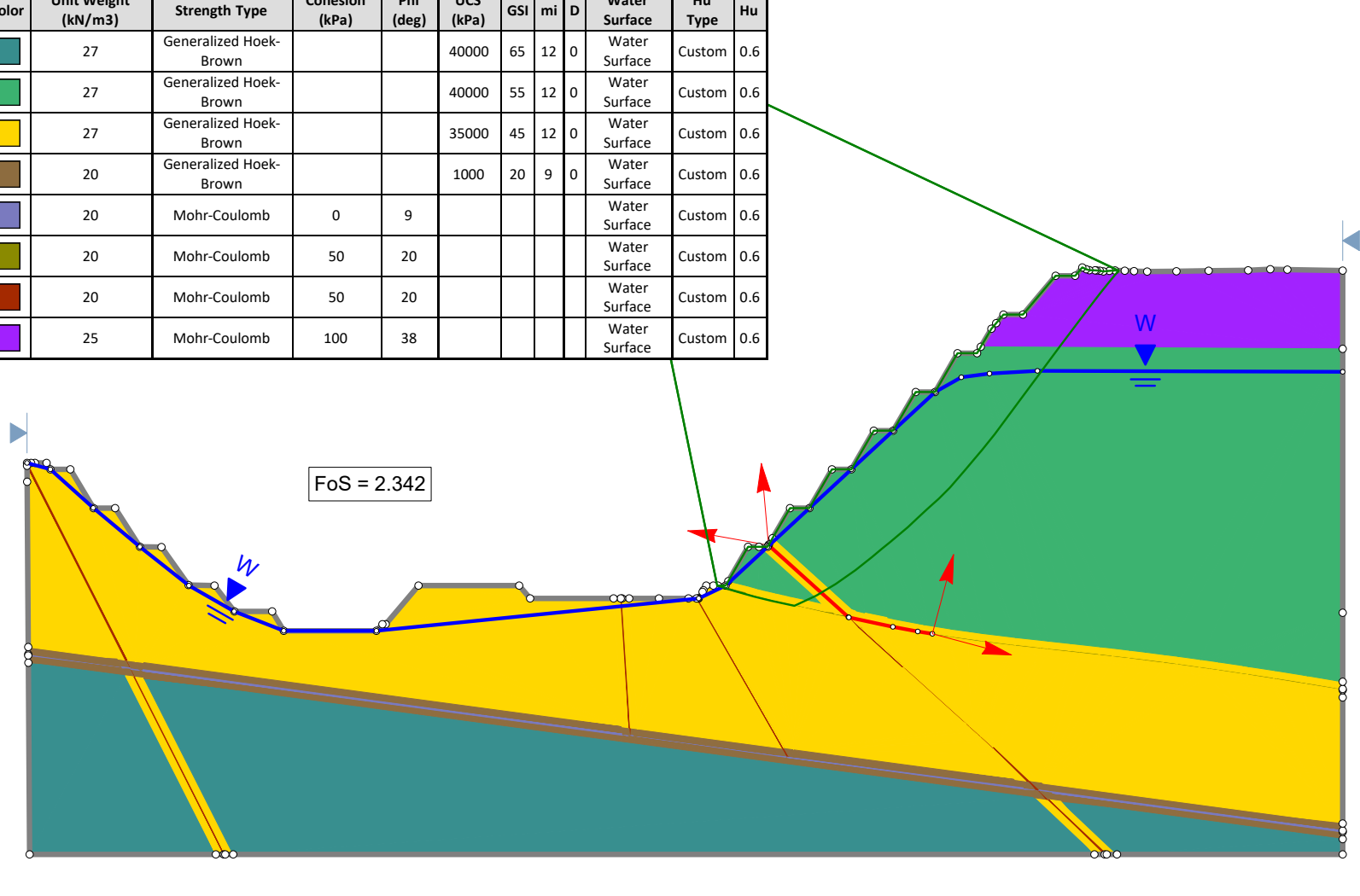
Coronation Stage6 Section3_Run1.slmd



Project			PSM0071 - Macraes		
Analysis Description			Pit Water HWS		
Drawn By		HG	Scale		1:2500
Date			Company		PSM
			File Name		Coronation Stage6 Section3_Run1_HG.slmd



Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	0.6
Class B		27	Generalized Hoek-Brown			40000	55	12	0	Water Surface	Custom	0.6
Class C		27	Generalized Hoek-Brown			35000	45	12	0	Water Surface	Custom	0.6
Class D		20	Generalized Hoek-Brown			1000	20	9	0	Water Surface	Custom	0.6
Footwall Fault		20	Mohr-Coulomb	0	9					Water Surface	Custom	0.6
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	0.6
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	0.6
Weathered Zone		25	Mohr-Coulomb	100	38					Water Surface	Custom	0.6



	Project			PSM0071 - Macraes			
	Analysis Description			Hu=0.6 HWS wedge			
	Drawn By		DW	Scale	1:2500	Company	PSM
	Date		5/07/2022		File Name	Coronation Stage6 Section3_Run1.slmd	

PSM0071 - Macraes

Hu=0.6 HWS wedge

DW

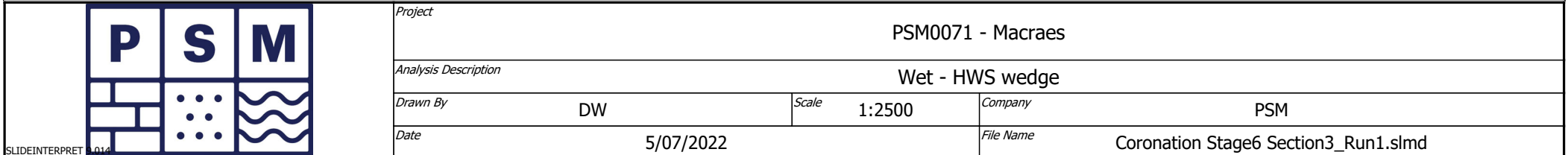
1:2500

PSM

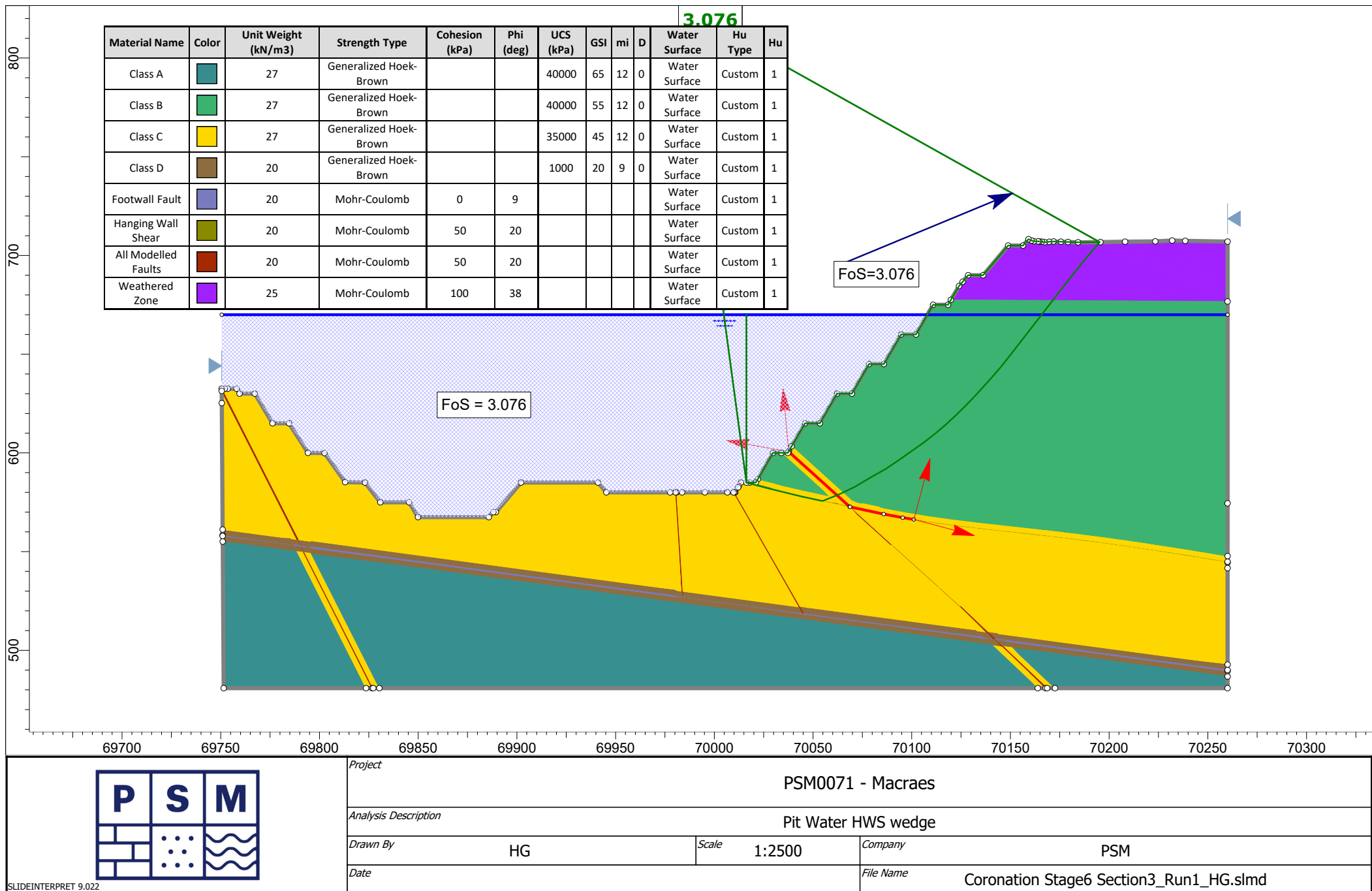
5/07/2022

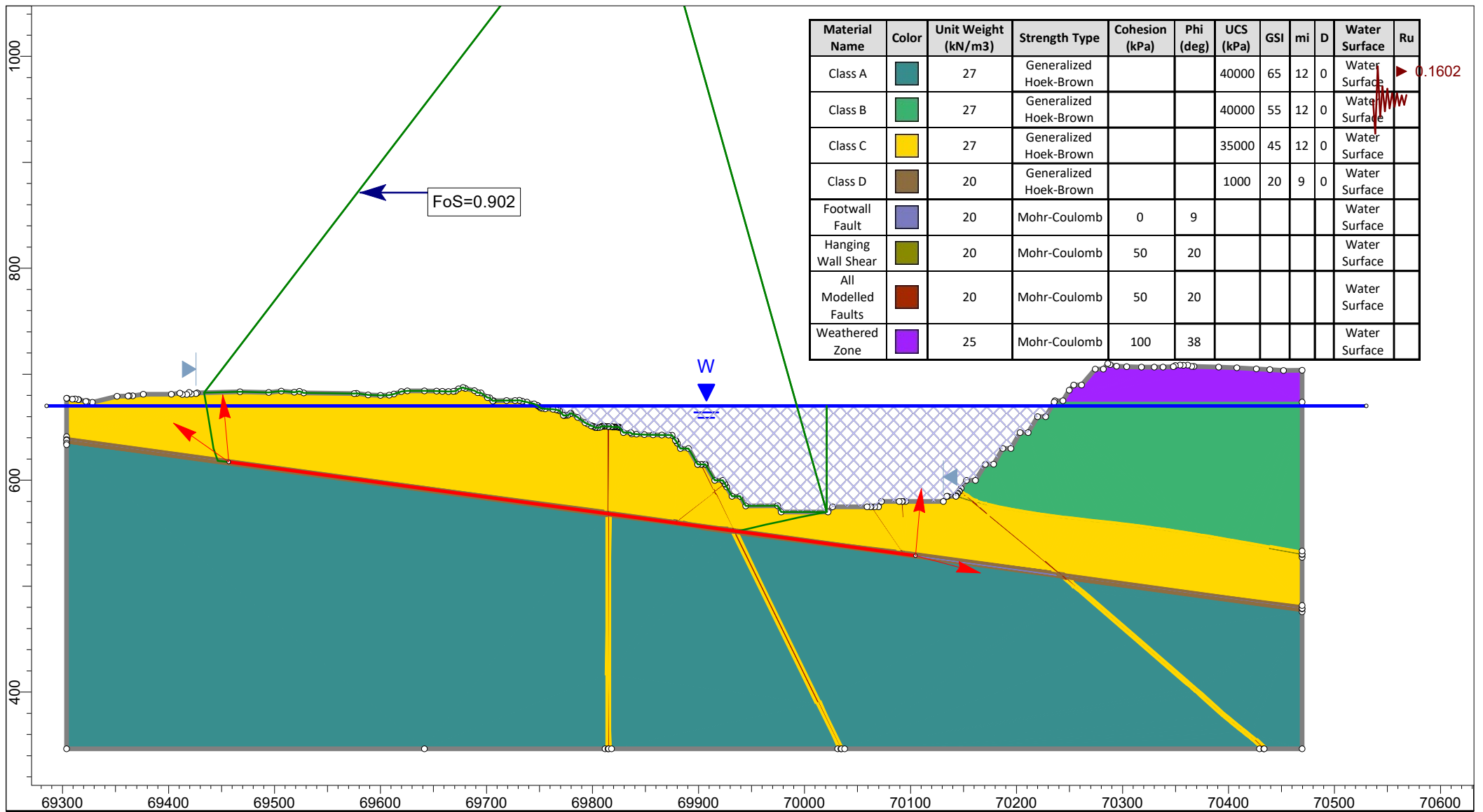
Coronation Stage6 Section3_Run1.slmd

Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	1
Class B		27	Generalized Hoek-Brown			40000	55	12	0	Water Surface	Custom	1
Class C		27	Generalized Hoek-Brown			35000	45	12	0	Water Surface	Custom	1
Class D		20	Generalized Hoek-Brown			1000	20	9	0	Water Surface	Custom	1
Footwall Fault		20	Mohr-Coulomb	0	9					Water Surface	Custom	1
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
Weathered Zone		25	Mohr-Coulomb	100	38					Water Surface	Custom	1



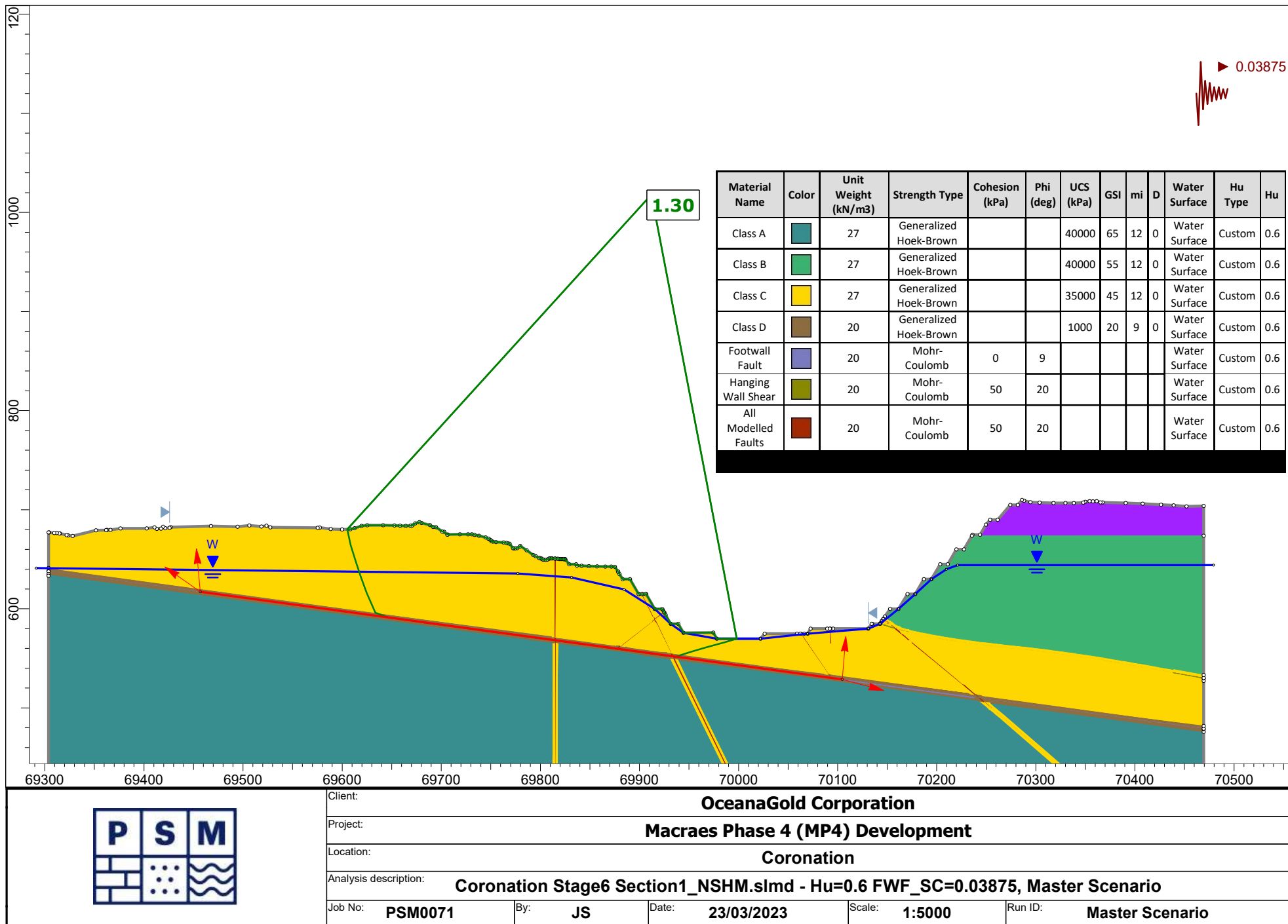
Project			PSM0071 - Macraes		
Analysis Description			Wet - HWS wedge		
Drawn By		DW	Scale		1:2500
			Company		PSM
Date			5/07/2022		
			File Name		
			Coronation Stage6 Section3_Run1.slmd		

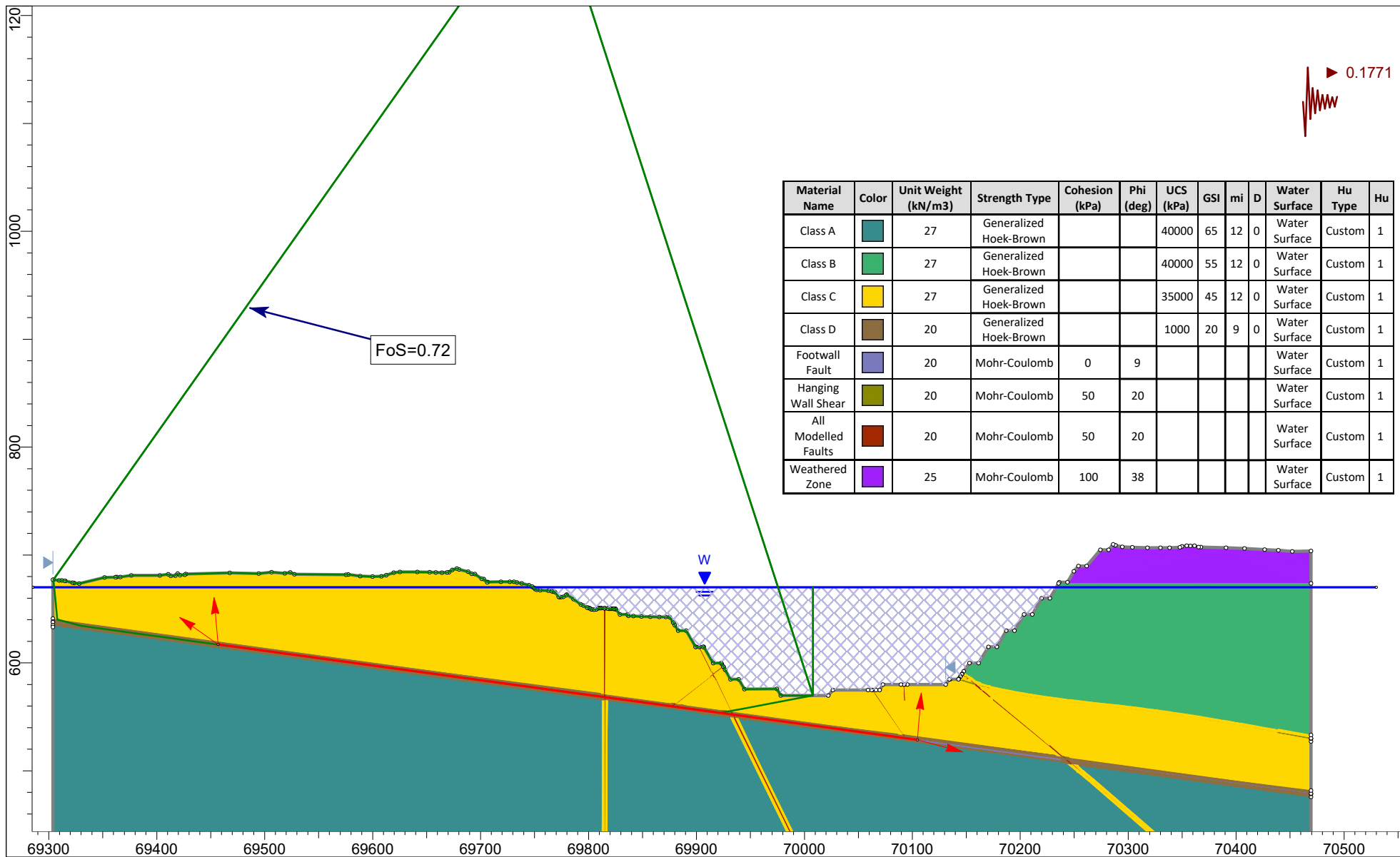




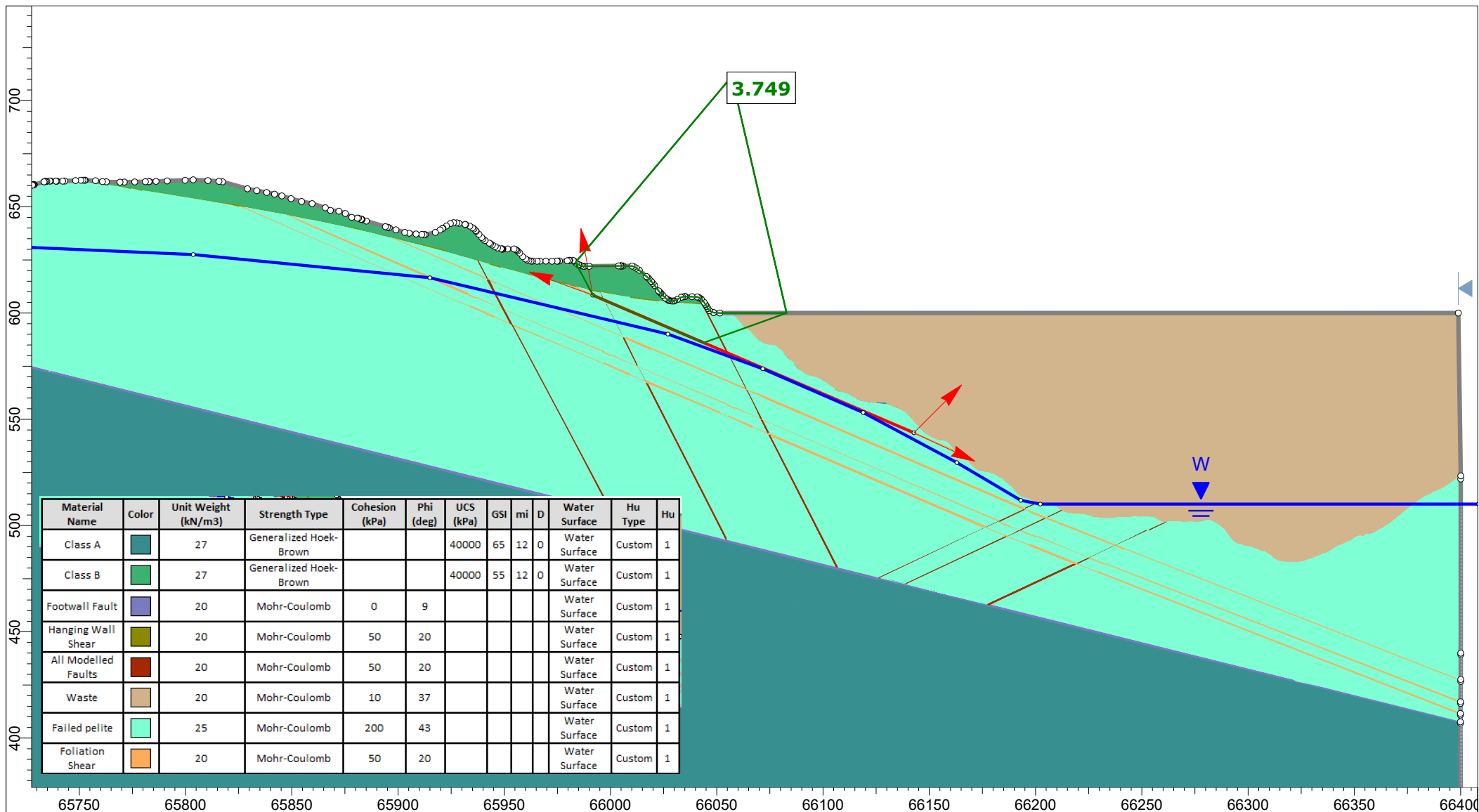
Material Name	Color	Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Ru
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	0.1602
Class B		27	Generalized Hoek-Brown			40000	55	12	0	Water Surface	
Class C		27	Generalized Hoek-Brown			35000	45	12	0	Water Surface	
Class D		20	Generalized Hoek-Brown			1000	20	9	0	Water Surface	
Footwall Fault		20	Mohr-Coulomb	0	9					Water Surface	
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	
Weathered Zone		25	Mohr-Coulomb	100	38					Water Surface	

P S M	Project			PSM0071 - Macraes	
	Analysis Description			Hu=1.0 Pit Lake - FWF_SC=0.1602	
	Drawn By	DW	Scale	1:5000	Company
	Date	7/07/2022	File Name	Coronation Stage6 Section1_Run1.slm	



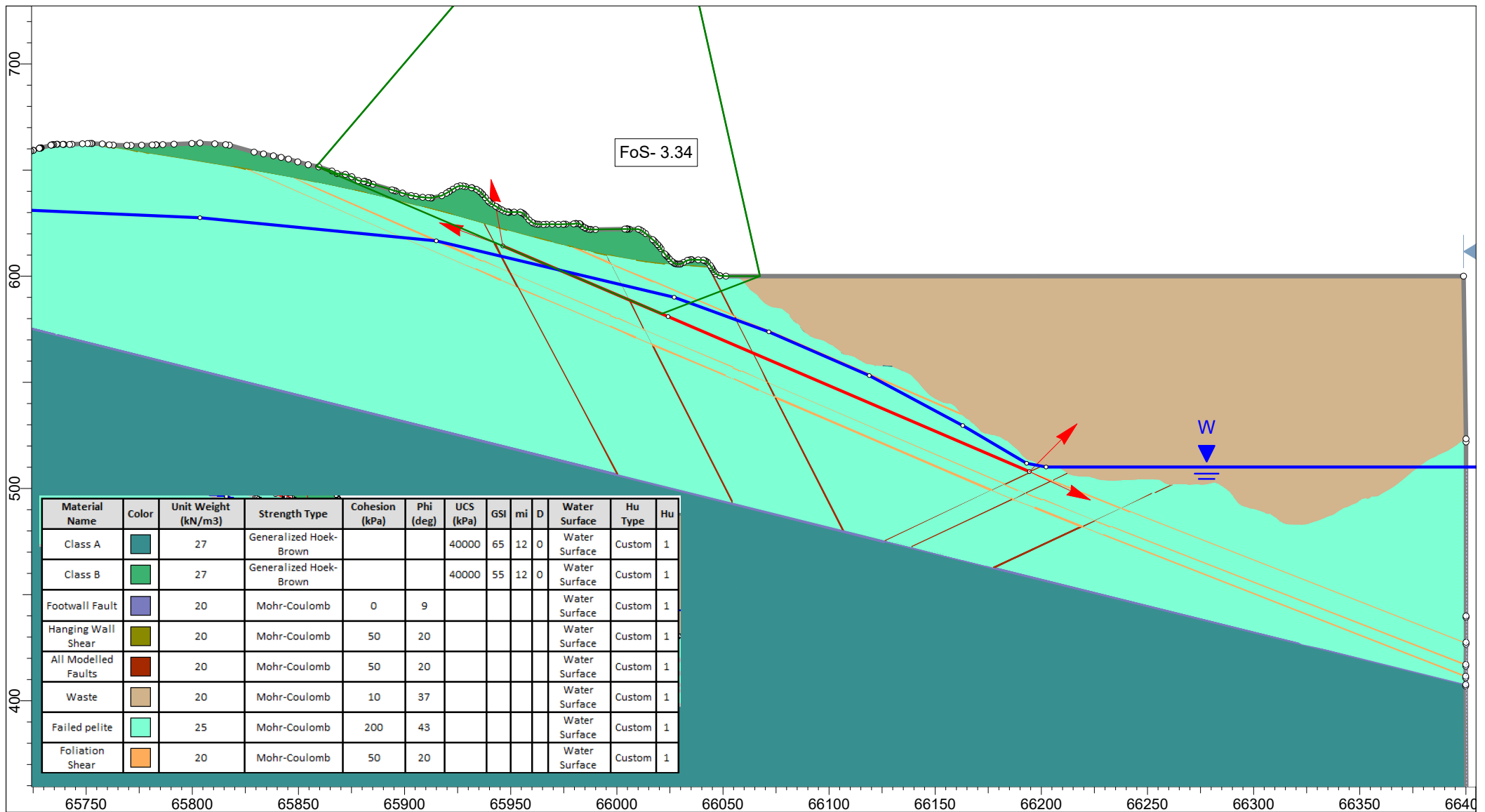


Client:	OceanaGold Corporation					
Project:	Macraes Phase 4 (MP4) Development					
Location:	Coronation					
Analysis description:	Coronation Stage6 Section1_NSHM.slmd - Hu=1.0 Pit Lake - FWF_SC=0.1771, Master Scenario					
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	



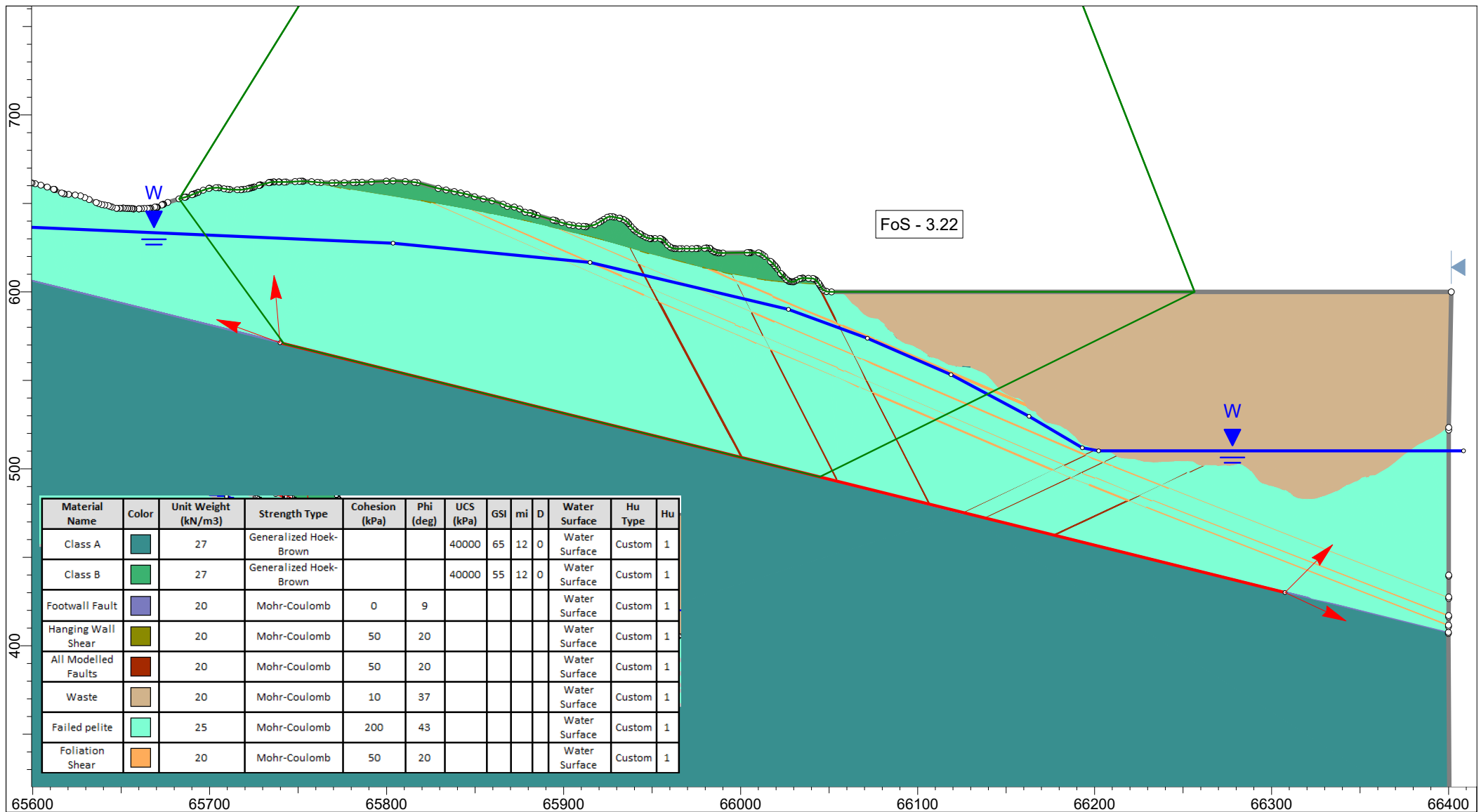
SLIDEINTERPRET 9.027

Client:		OceanaGold							
Project:		Macraes Phase 4 Consenting							
Location:		Coronation North Backfill - Southwest slope							
Analysis description:		Backfill - 600 mRL Static							
Job No:	PSM71	By:	KH	Date:	12/08/2024	Scale:	1:2500	Run ID:	AWT Foliation Shear

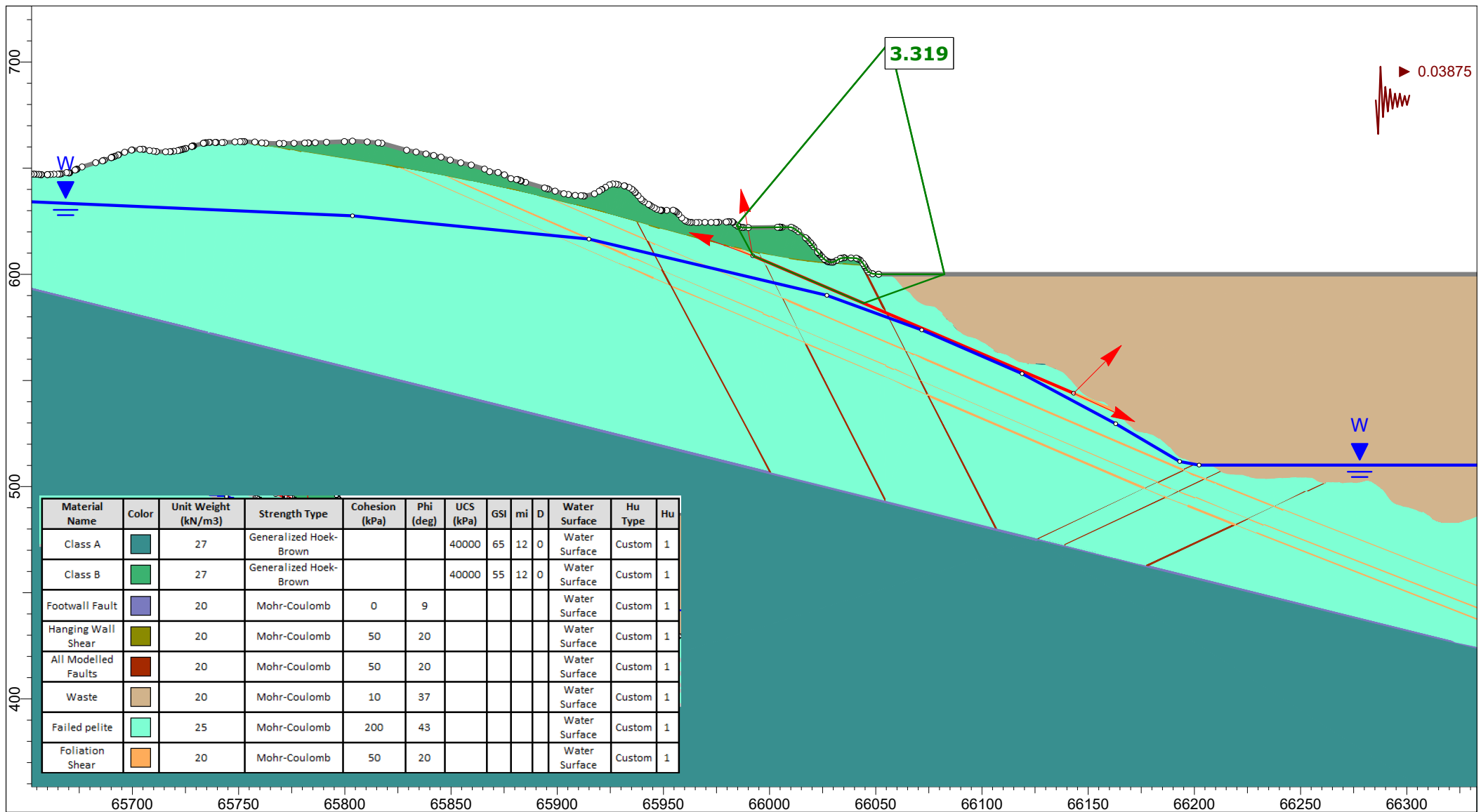


SLIDEINTERPRET 9.027

Client:		OceanaGold		
Project:		Macraes Phase 4 Consenting		
Location:		Coronation North Backfill - Southwest slope		
Analysis description:		Backfill - 600 mRL Static		
Job No:	PSM71	By:	KH	Date: 12/08/2024
Scale:		1:2500		Run ID: BWT Foliation Shear

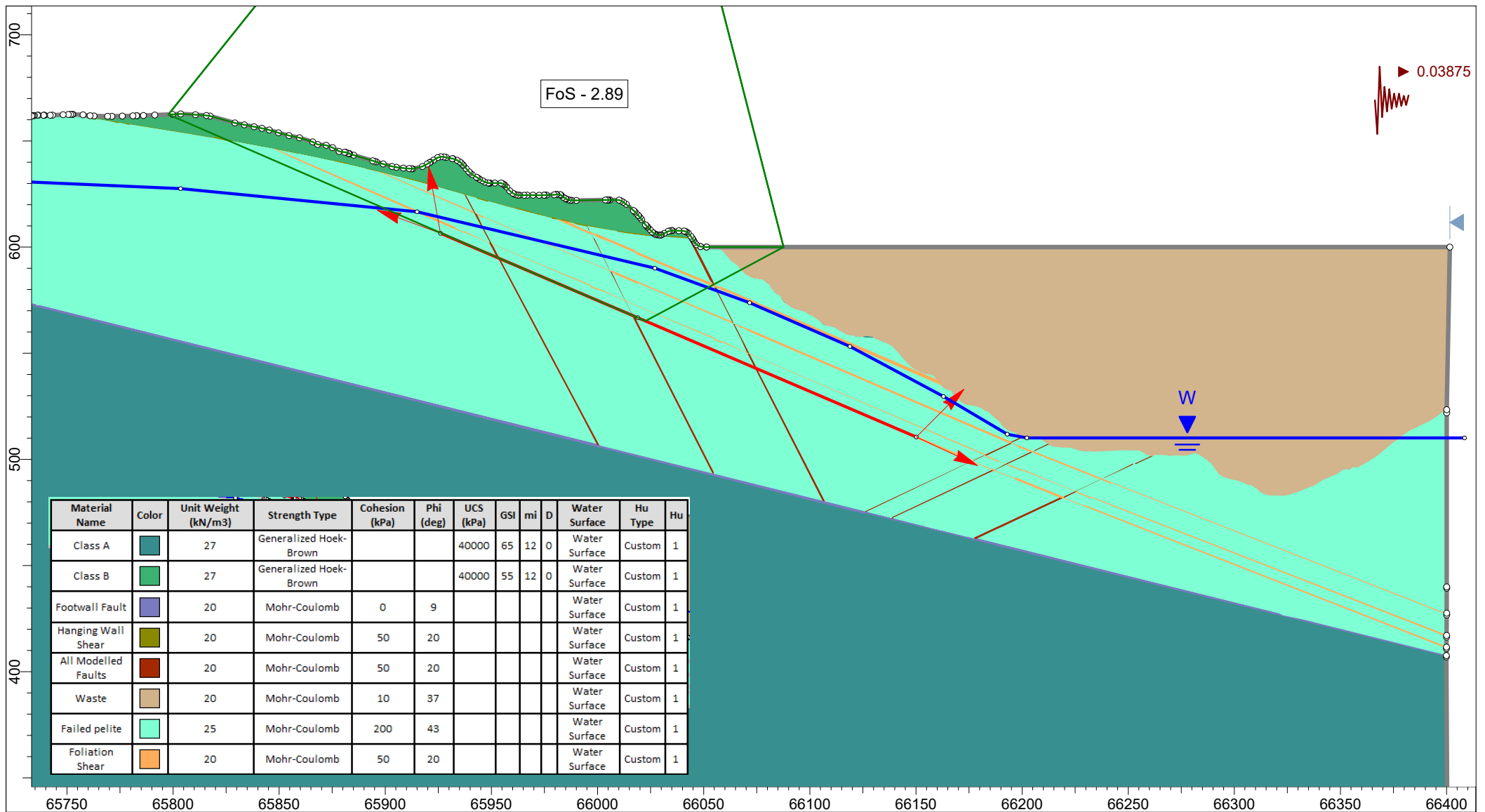


	Client: OceanaGold					
	Project: Macraes Phase 4 Consenting					
	Location: Coronation North Backfill - Southwest slope					
	Analysis description: Backfill - 600 mRL Static					
	Job No: PSM71	By: KH	Date: 13/08/2024	Scale: 1:3000	Run ID: Planar Sliding FF	

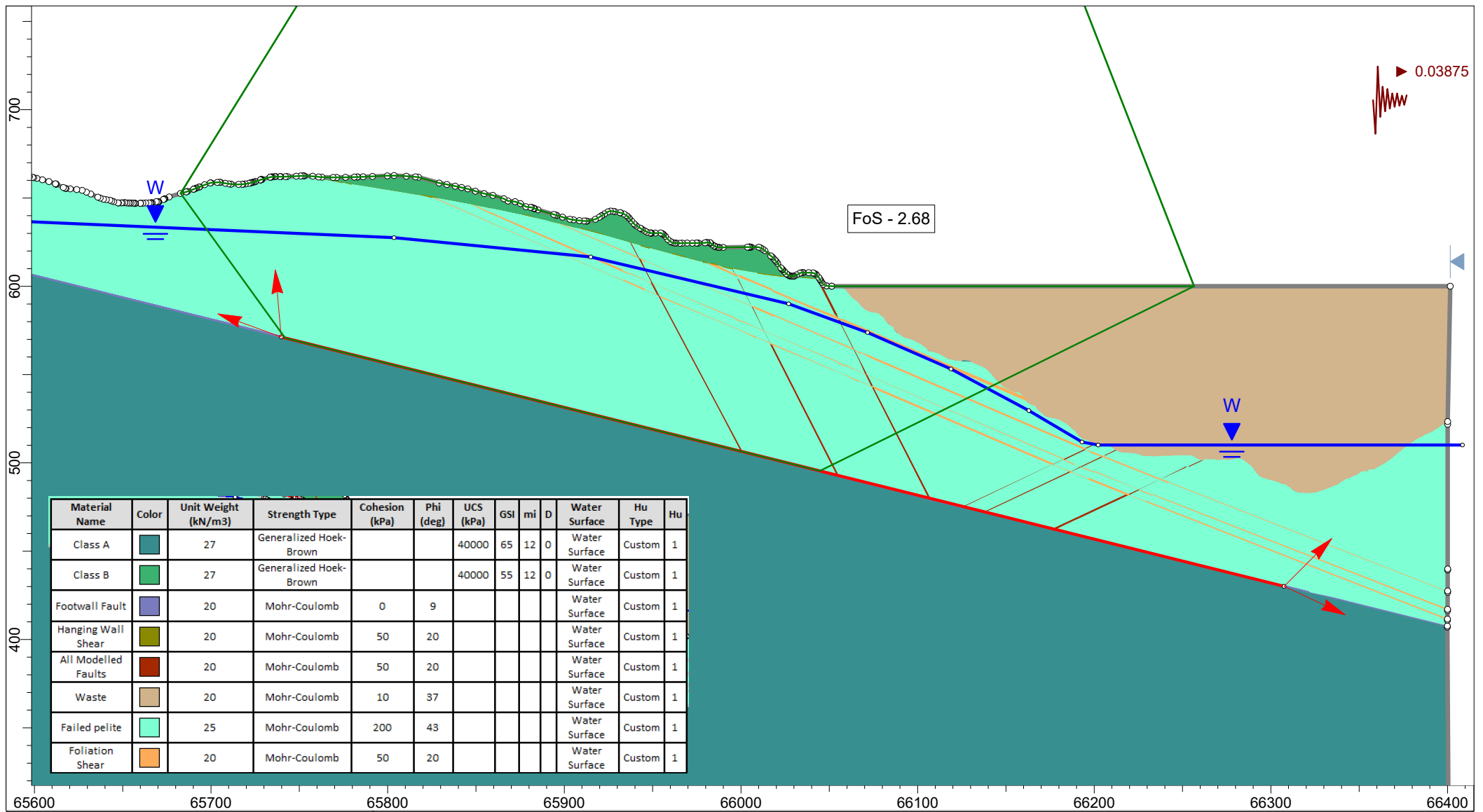


SLIDEINTERPRET 9.027

Client:		OceanaGold				
Project:		Macraes Phase 4 Consenting				
Location:		Coronation North Backfill - Southwest slope				
Analysis description:		Backfill - 600 mRL OBE				
Job No:	PSM71	By:	KH	Date:	12/08/2024	Scale: 1:2500
				Run ID:	AWT Foliation Shear	

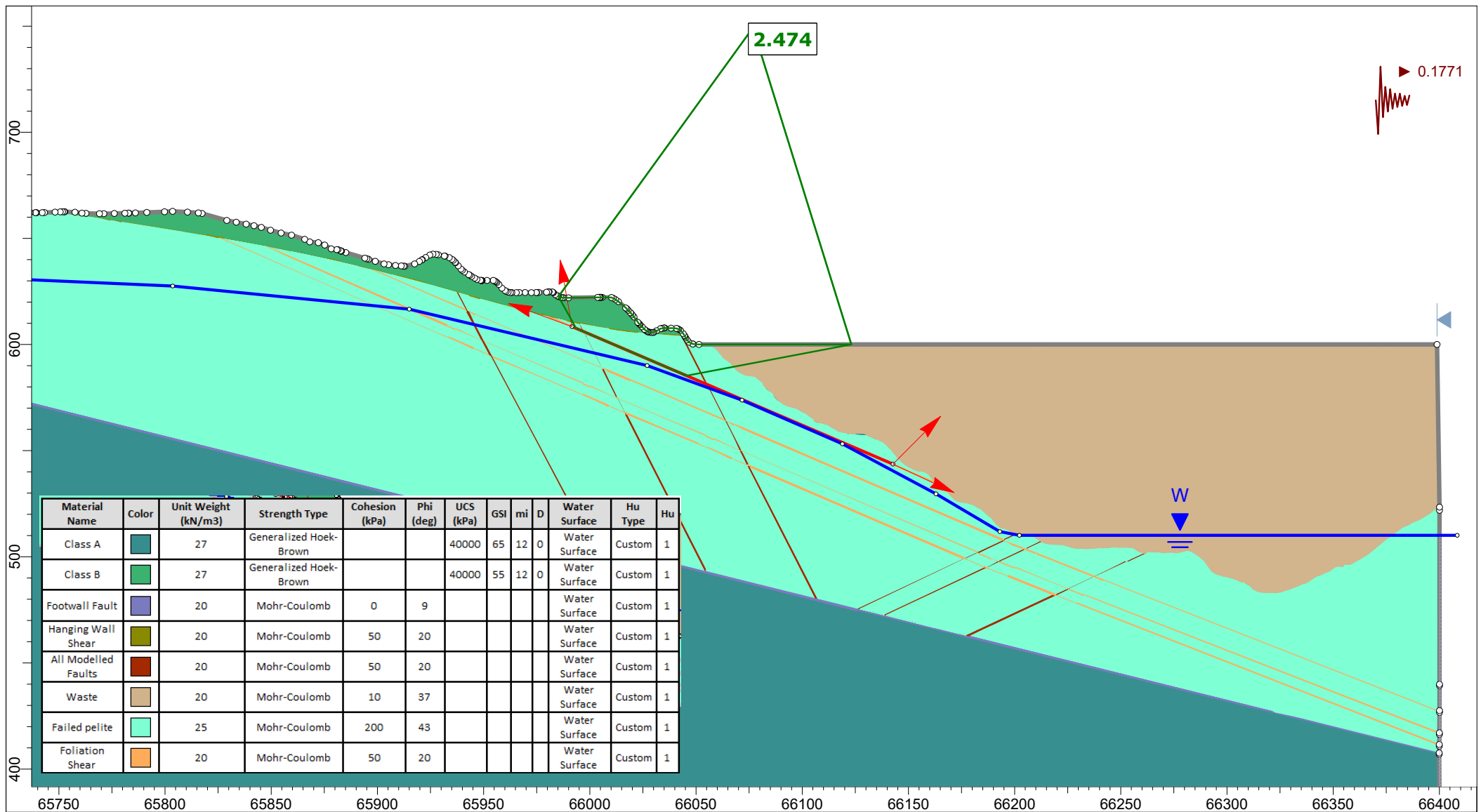


	Client: OceanaGold								
	Project: Macraes Phase 4 Consenting								
	Location: Coronation North Backfill - Southwest slope								
	Analysis description: Backfill - 600 mRL OBE								
Job No:	PSM71	By:	KH	Date:	12/08/2024	Scale:	1:2500	Run ID:	BWT Foliation Shear



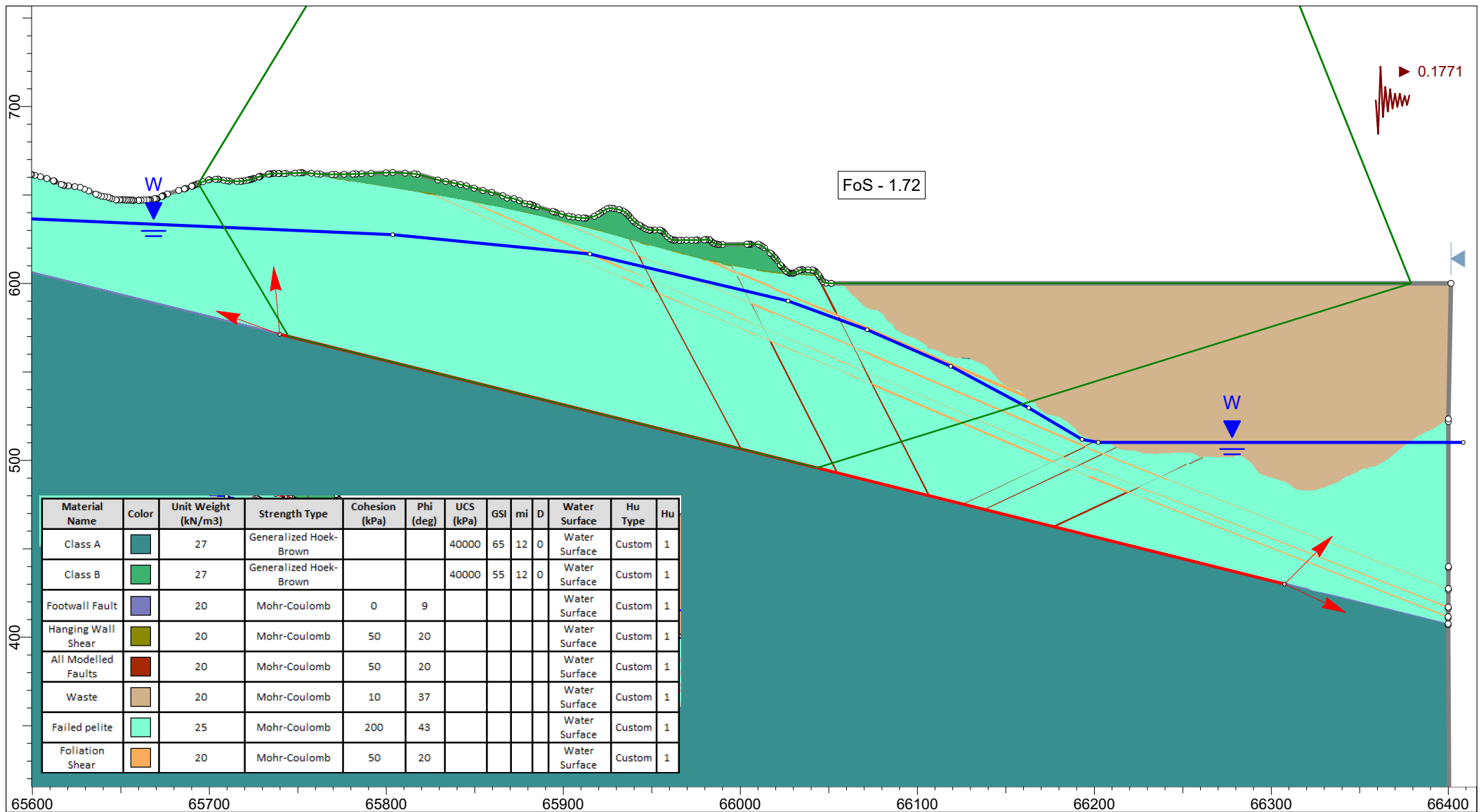
SLIDEINTERPRET 9.027

Client:		OceanaGold				
Project:		Macraes Phase 4 Consenting				
Location:		Coronation North Backfill - Southwest slope				
Analysis description:		Backfill - 600 mRL OBE				
Job No:	PSM71	By:	KH	Date:	13/08/2024	Scale: 1:3000
				Run ID:	Planar Sliding FF	



SLIDEINTERPRET 9.027

Client:		OceanaGold		
Project:		Macraes Phase 4 Consenting		
Location:		Coronation North Backfill - Southwest slope		
Analysis description:		Backfill - 600 mRL MDE		
Job No:	PSM71	By:	KH	Date: 12/08/2024
Scale:		1:2500		Run ID: AWT Foliation Shear

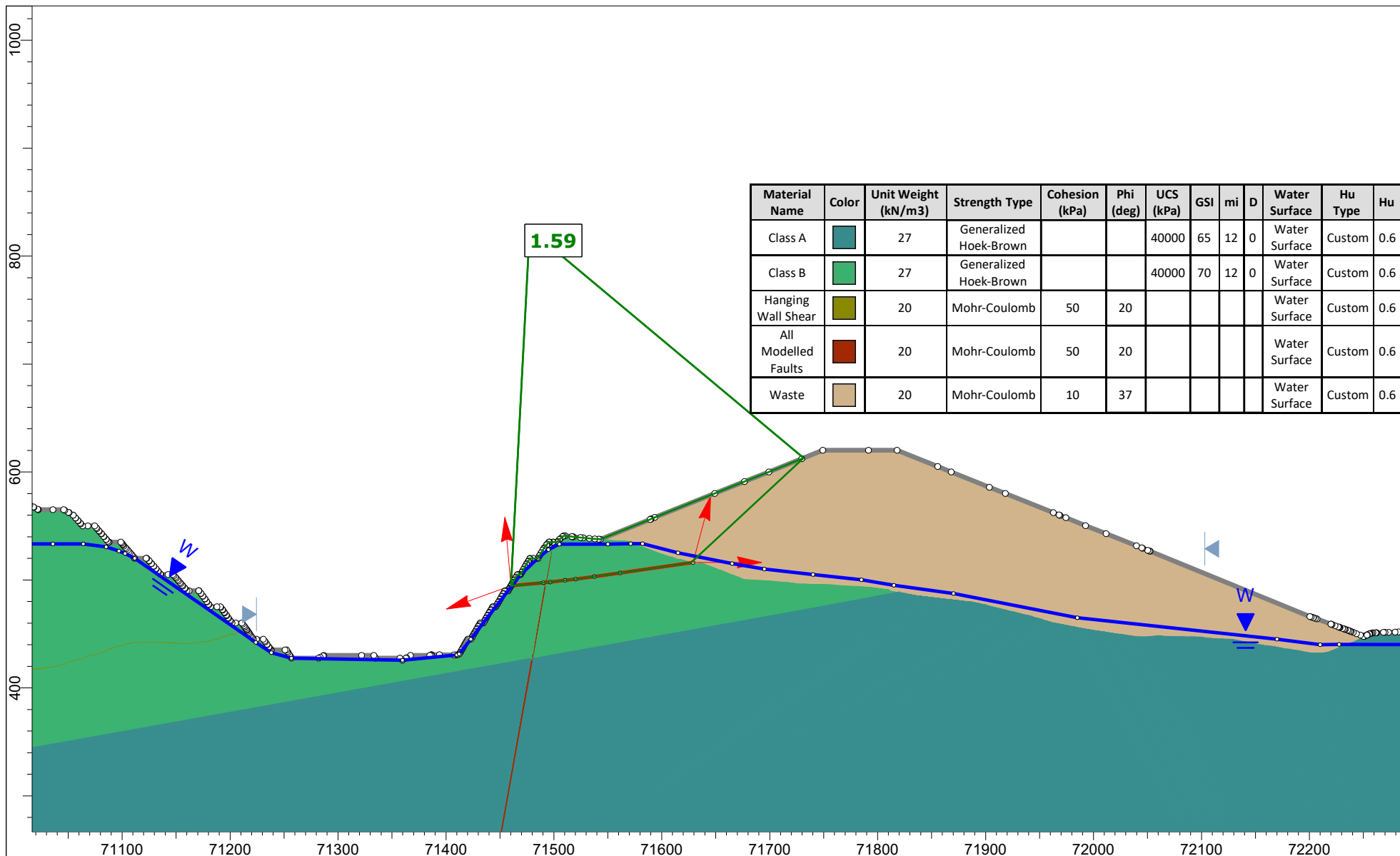


PSM SLIDEINTERPRET 9.027	Client: OceanaGold		
	Project: Macraes Phase 4 Consenting		
	Location: Coronation North Backfill - Southwest slope		
	Analysis description: Backfill - 600 mRL MDE		
	Job No: PSM71	By: KH	Date: 13/08/2024
		Scale: 1:3000	Run ID: Planar Sliding FF

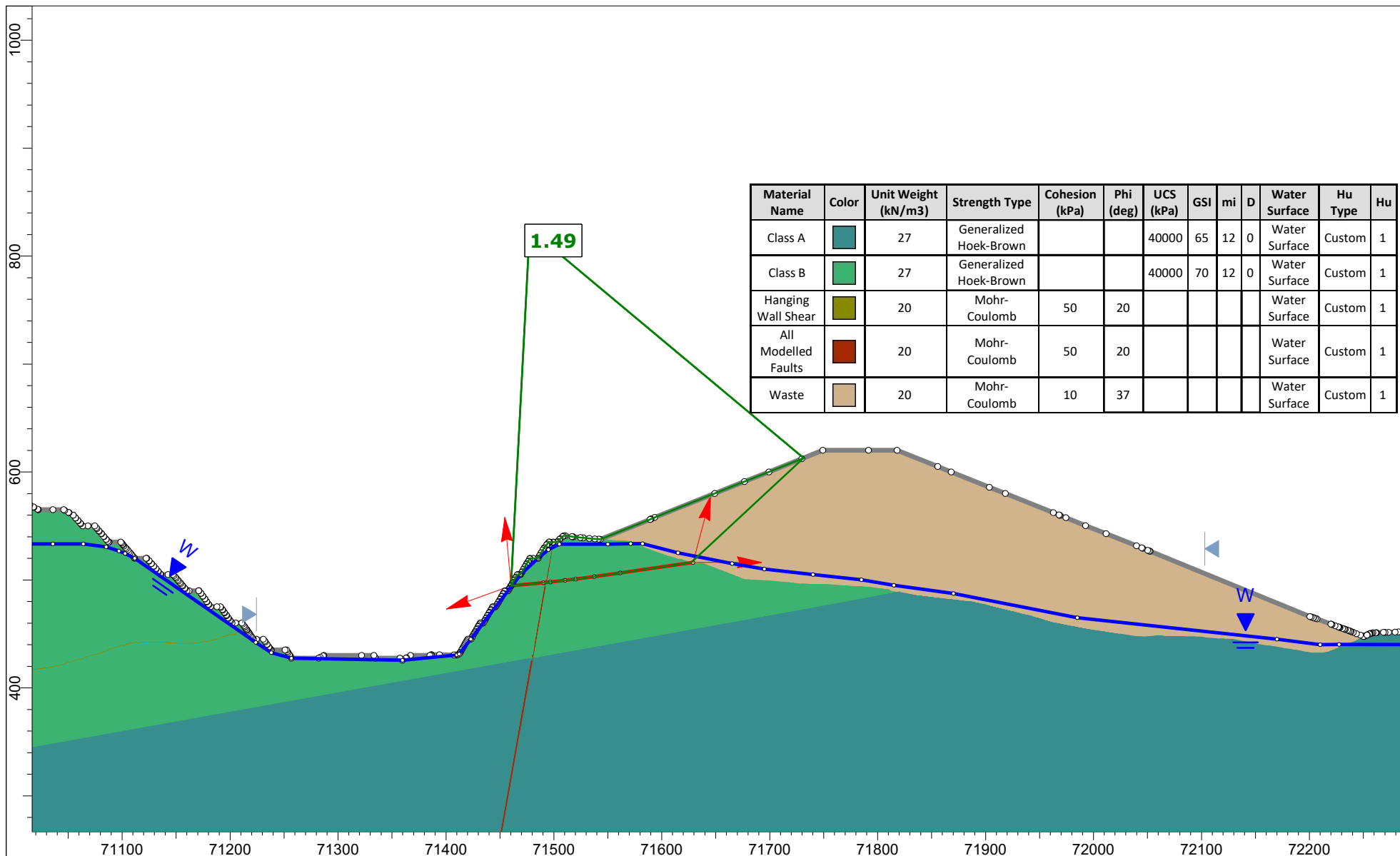
Appendix F

Golden Bar Stage 2 2D Stability Analyses





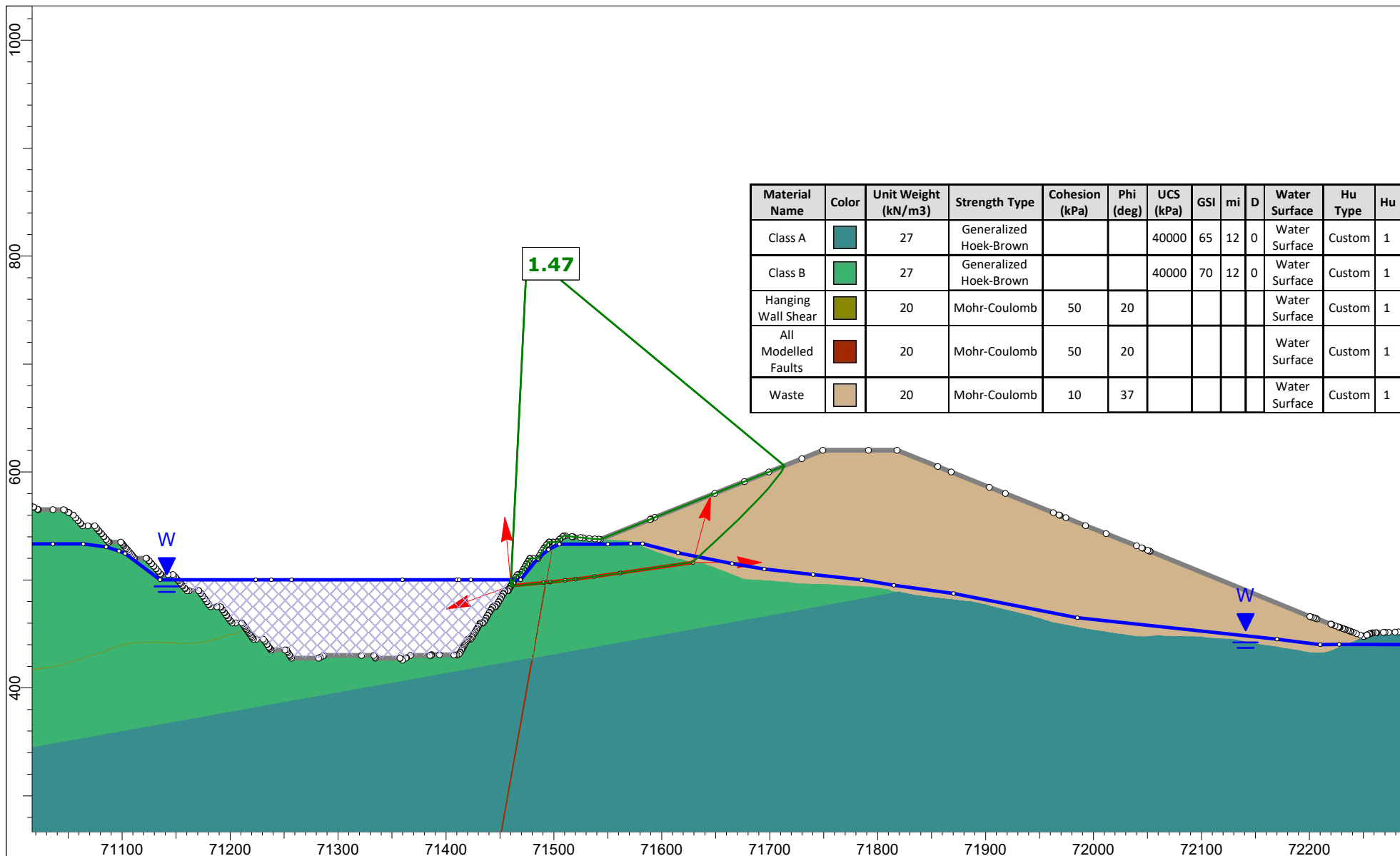
Client:	OceanaGold Corporation					
Project:	Macraes Phase 4 (MP4) Development					
Location:	Golden Bar					
Analysis description:	Golden Bar Section 1.slmd - Hu=0.6 North Wall - HWS, Master Scenario					
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	



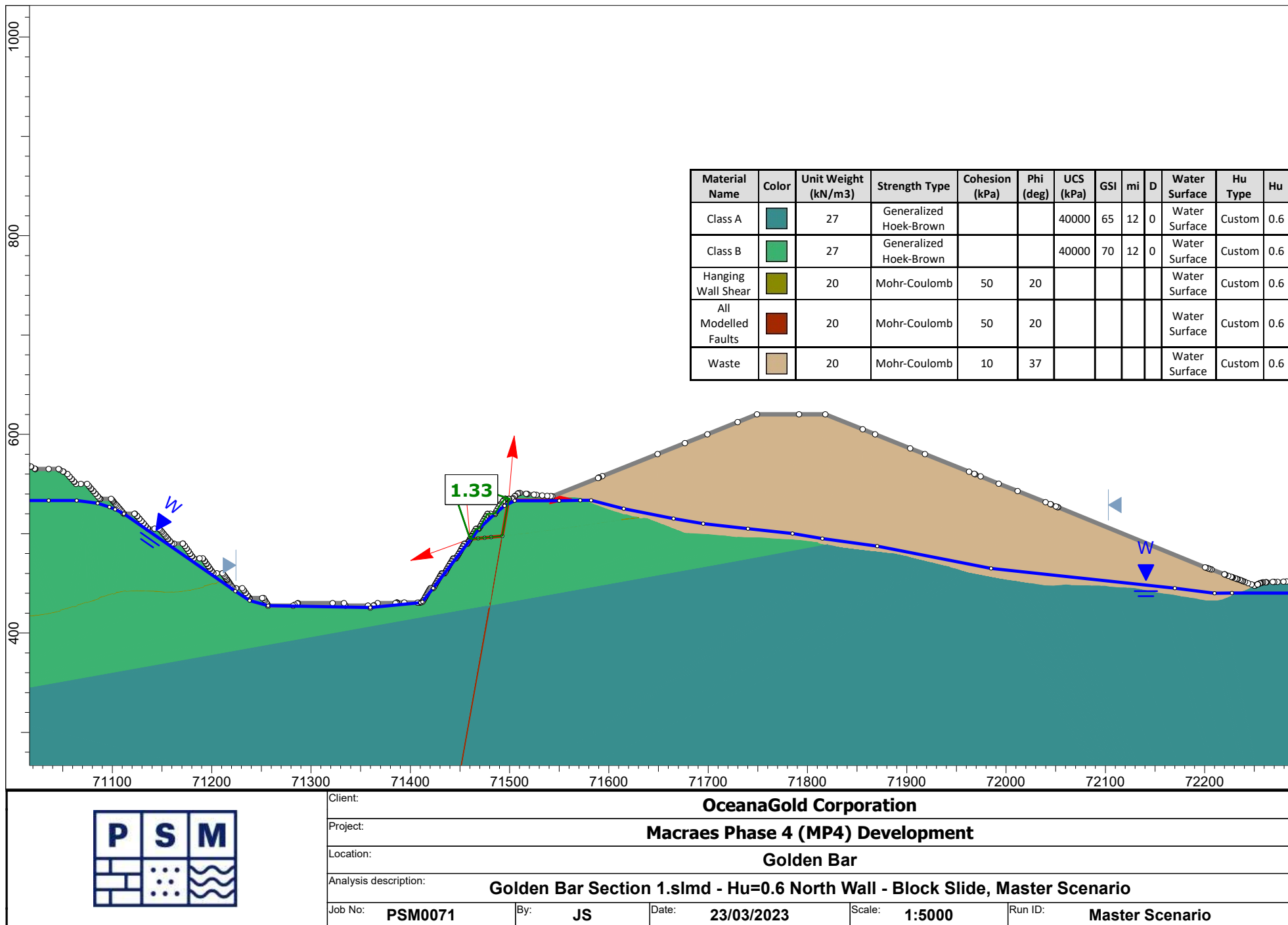
Material Name	Color	Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	1
Class B		27	Generalized Hoek-Brown			40000	70	12	0	Water Surface	Custom	1
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
Waste		20	Mohr-Coulomb	10	37					Water Surface	Custom	1

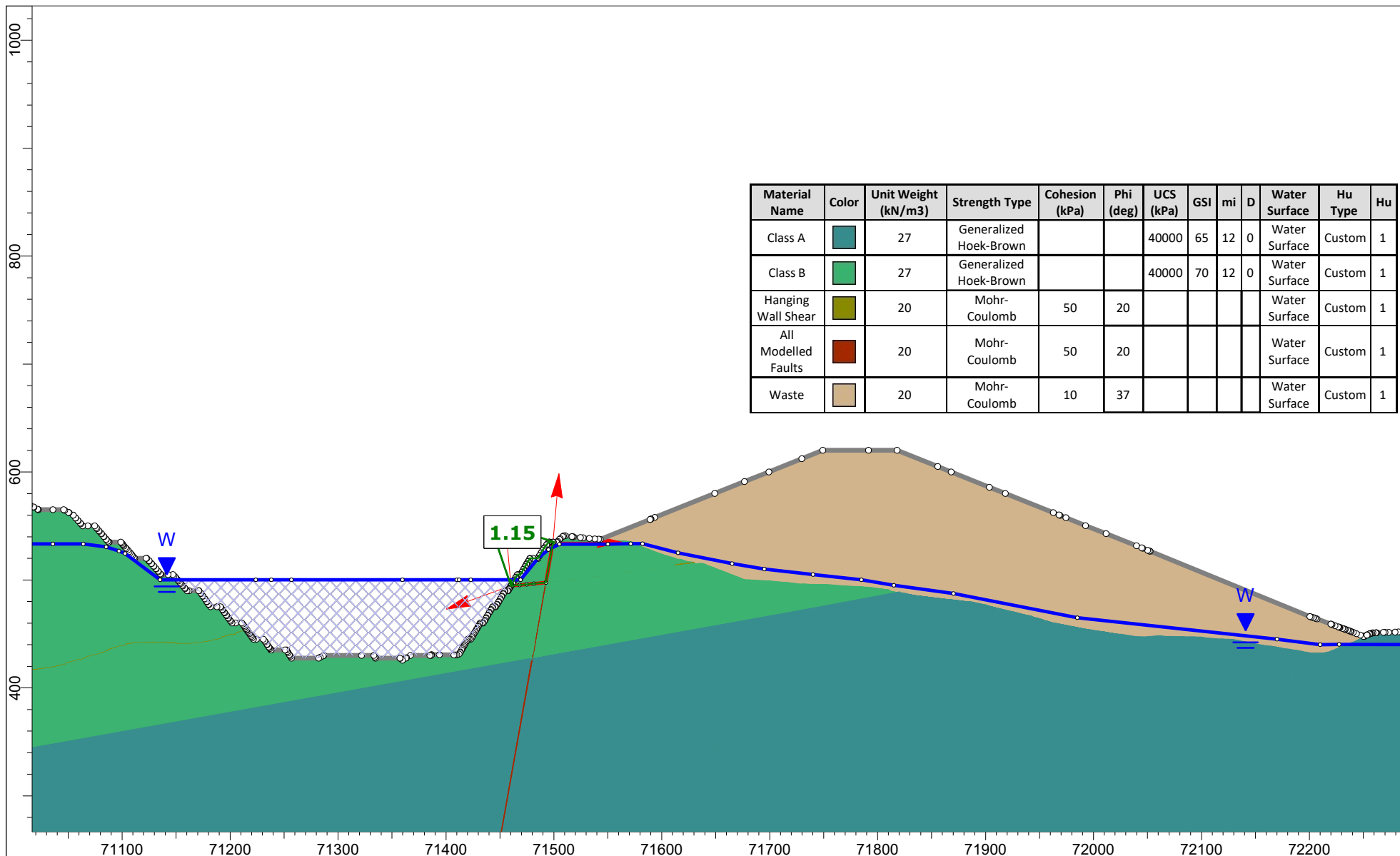


Client:	OceanaGold Corporation					
Project:	Macraes Phase 4 (MP4) Development					
Location:	Golden Bar					
Analysis description:	Golden Bar Section 1.slmd - Hu=1.0 North Wall - HWS, Master Scenario					
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	



Client:	OceanaGold Corporation					
Project:	Macraes Phase 4 (MP4) Development					
Location:	Golden Bar					
Analysis description:	Golden Bar Section 1.slmd - Pit Lake North Wall - HWS, Master Scenario					
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	

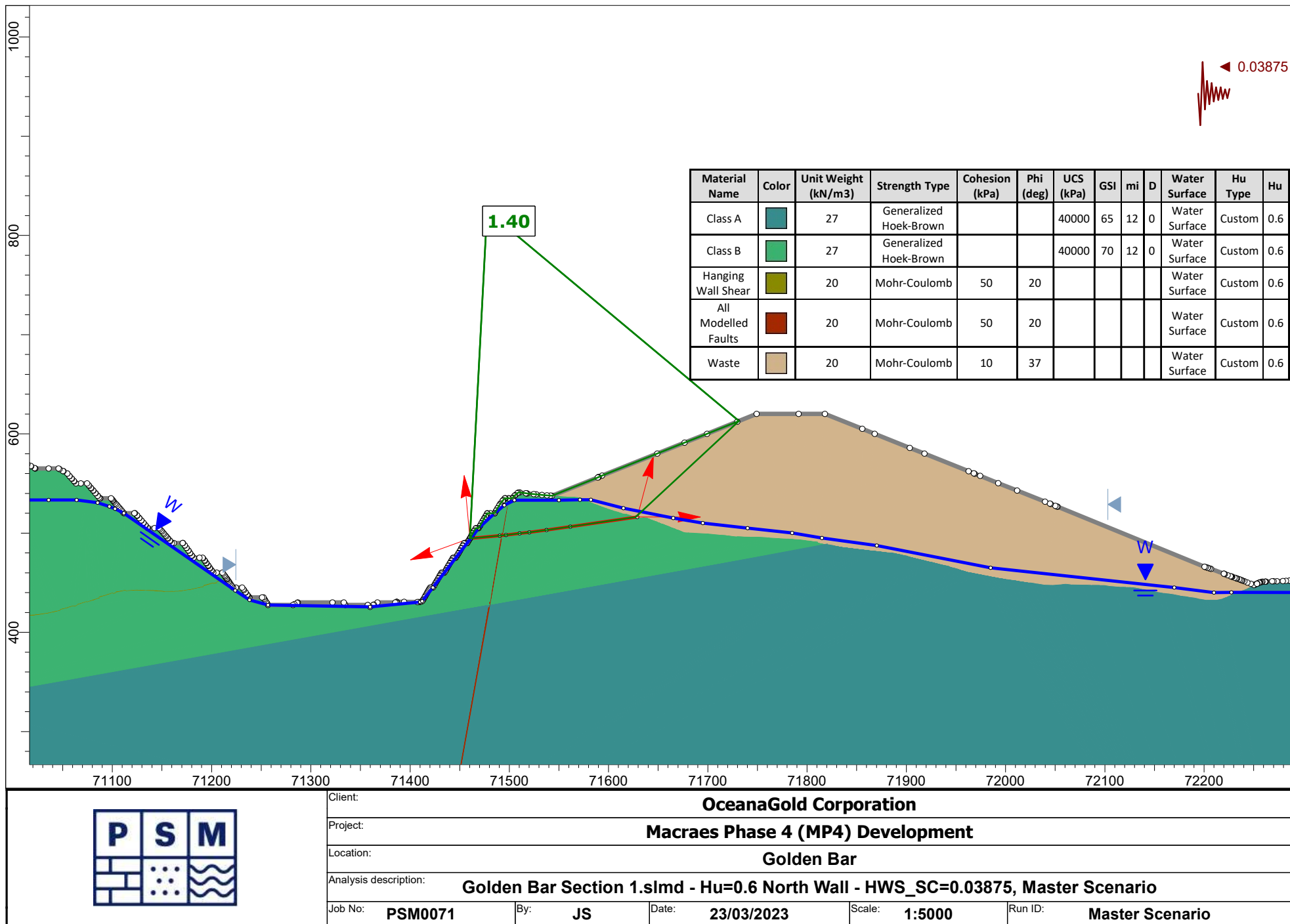


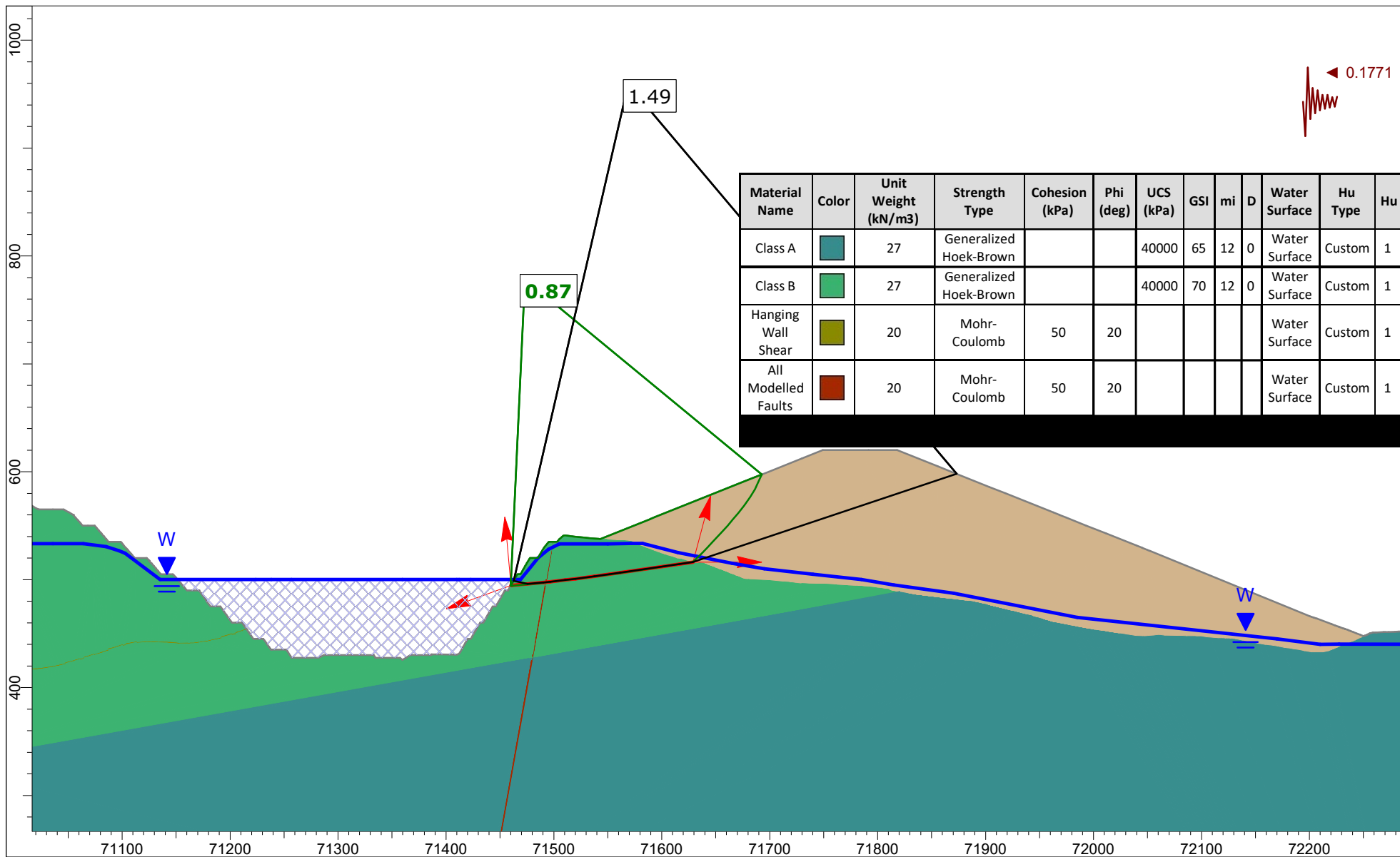


Material Name	Color	Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	1
Class B		27	Generalized Hoek-Brown			40000	70	12	0	Water Surface	Custom	1
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
Waste		20	Mohr-Coulomb	10	37					Water Surface	Custom	1

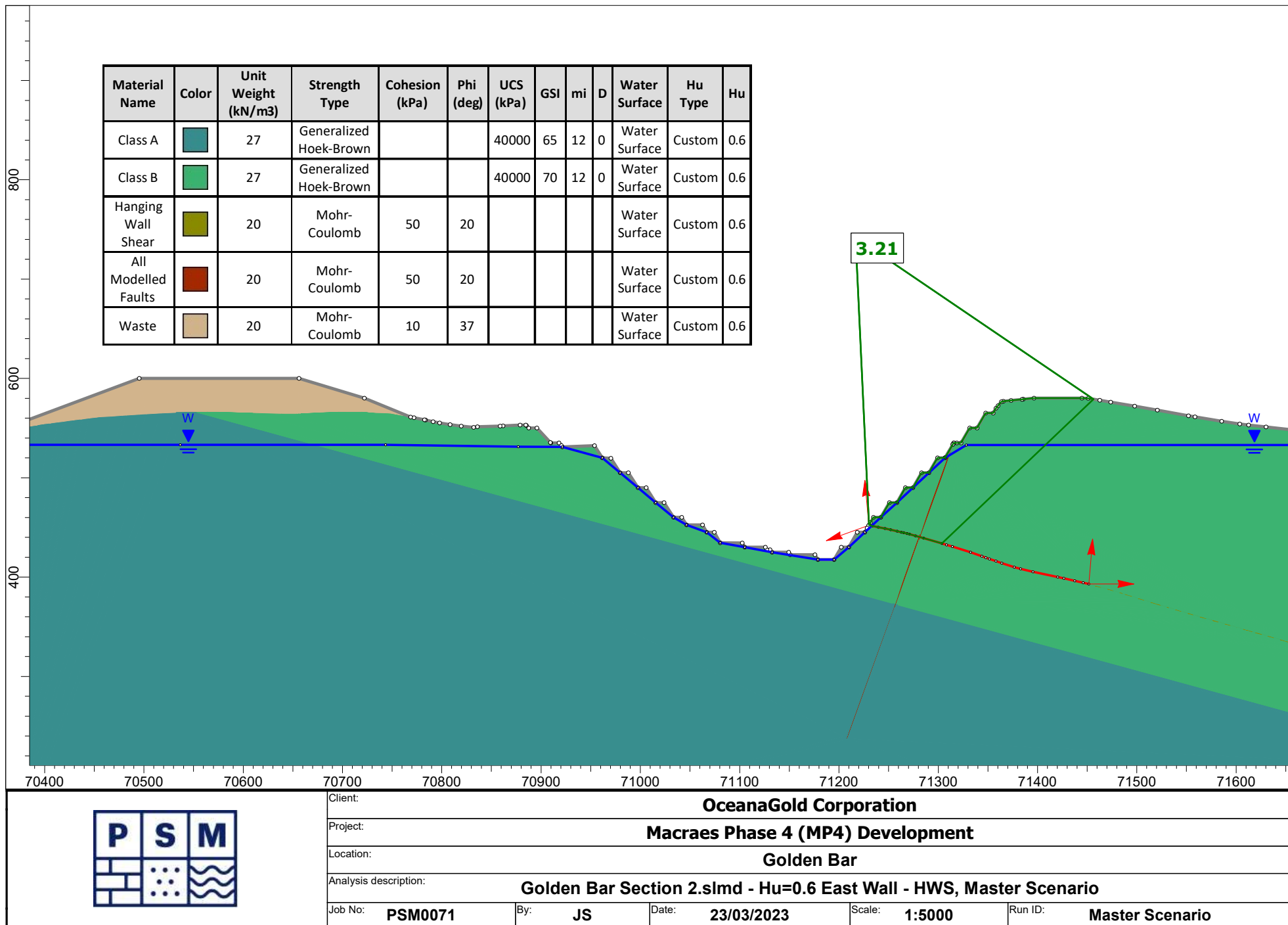


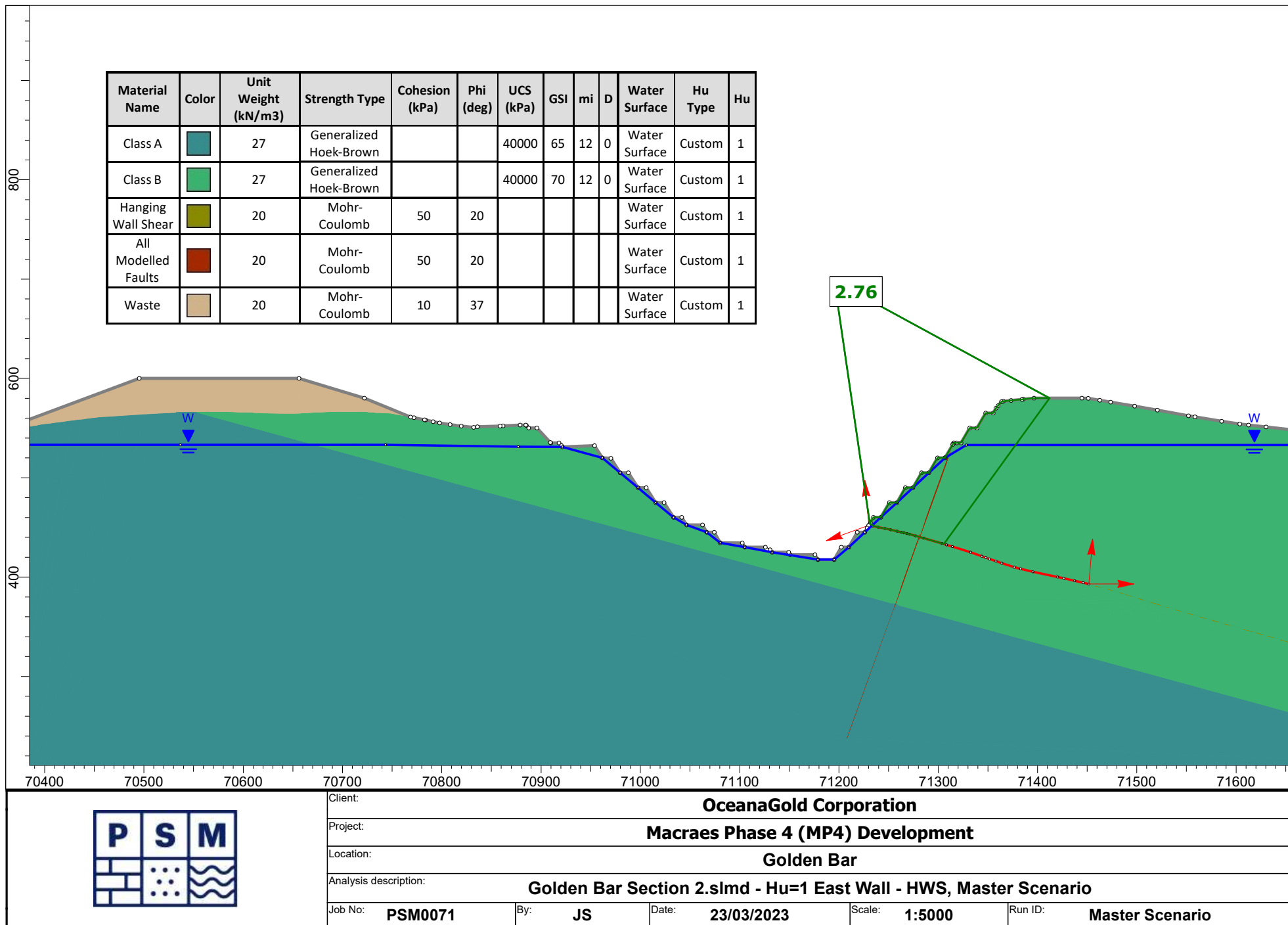
Client:	OceanaGold Corporation					
Project:	Macraes Phase 4 (MP4) Development					
Location:	Golden Bar					
Analysis description:	Golden Bar Section 1.slmd - Pit Lake North Wall - Block Slide, Master Scenario					
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	

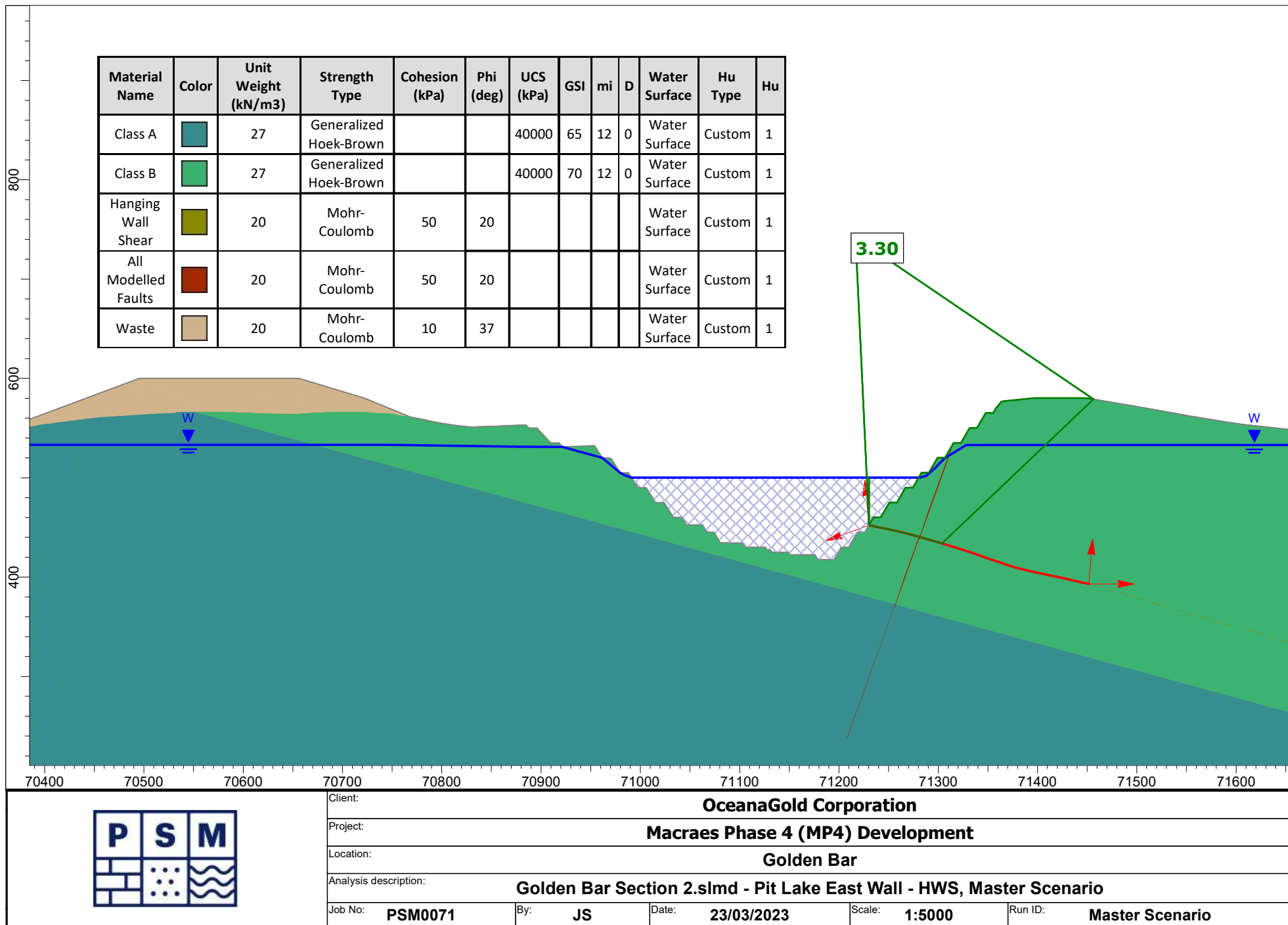


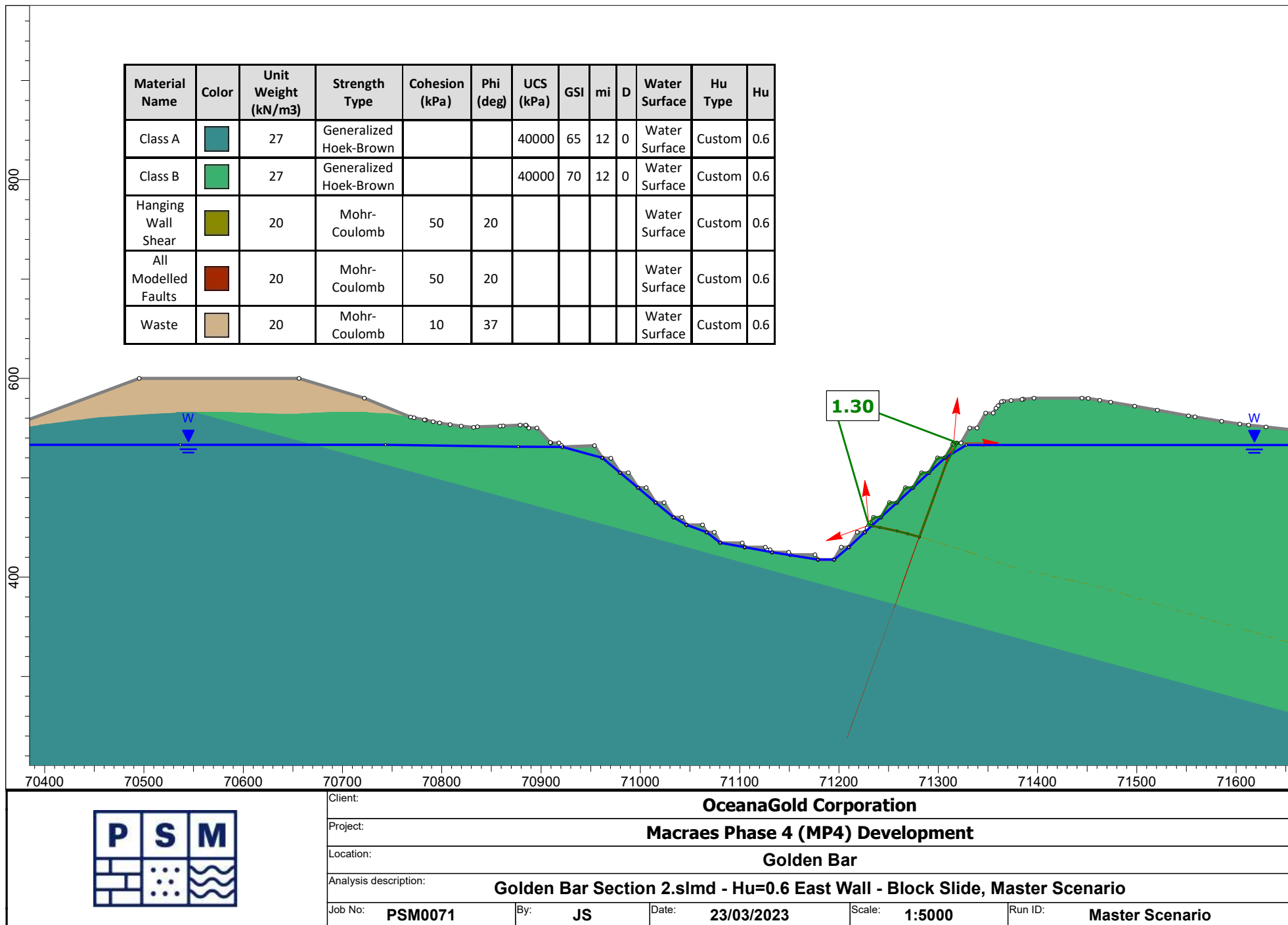


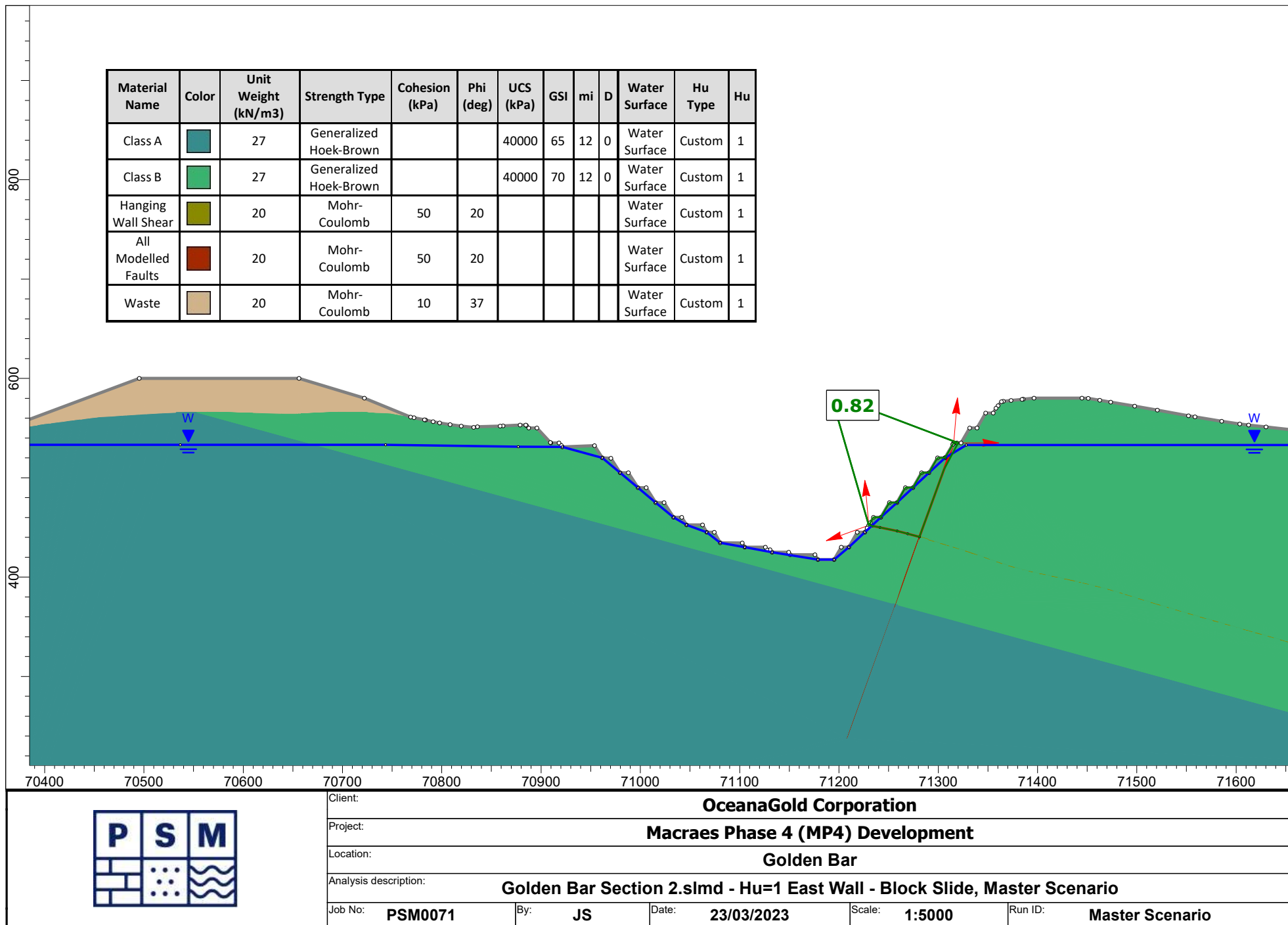
Client:		OceanaGold Corporation				
Project:		Macraes Phase 4 (MP4) Development				
Location:		Golden Bar				
Analysis description:		Golden Bar Section 1.slmd - Pit Lake North Wall - HWS_SC=0.1771, Master Scenario				
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	

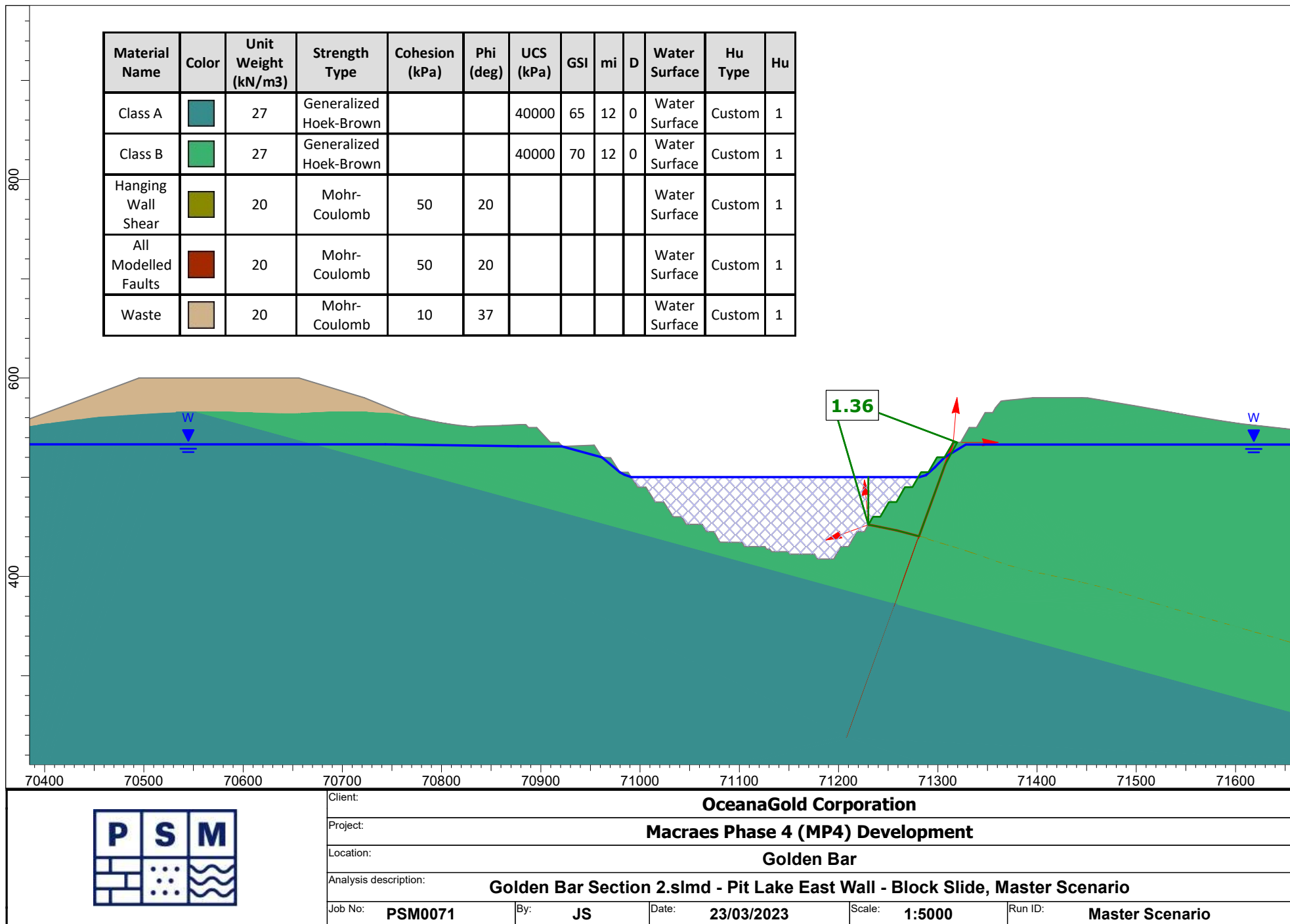




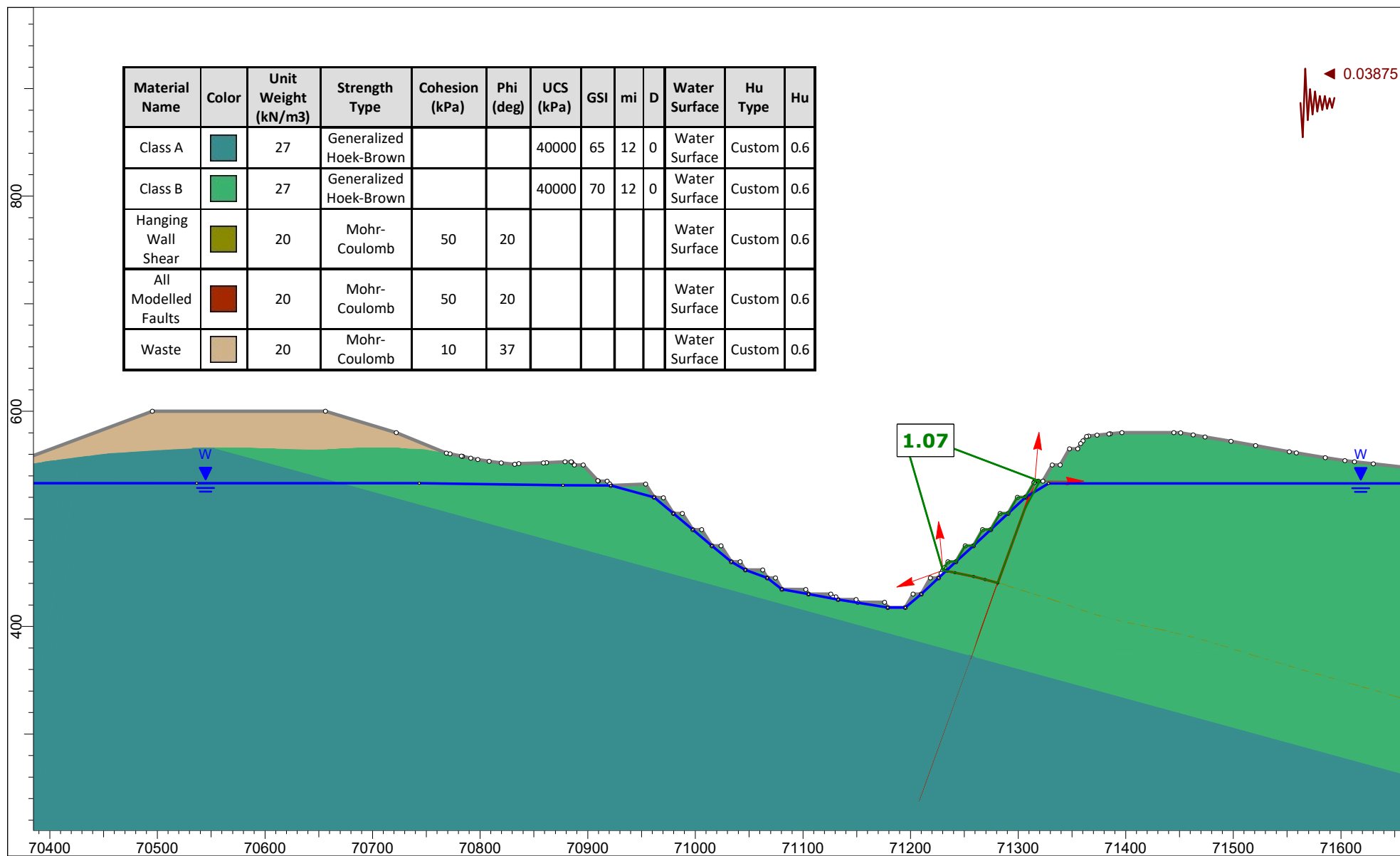




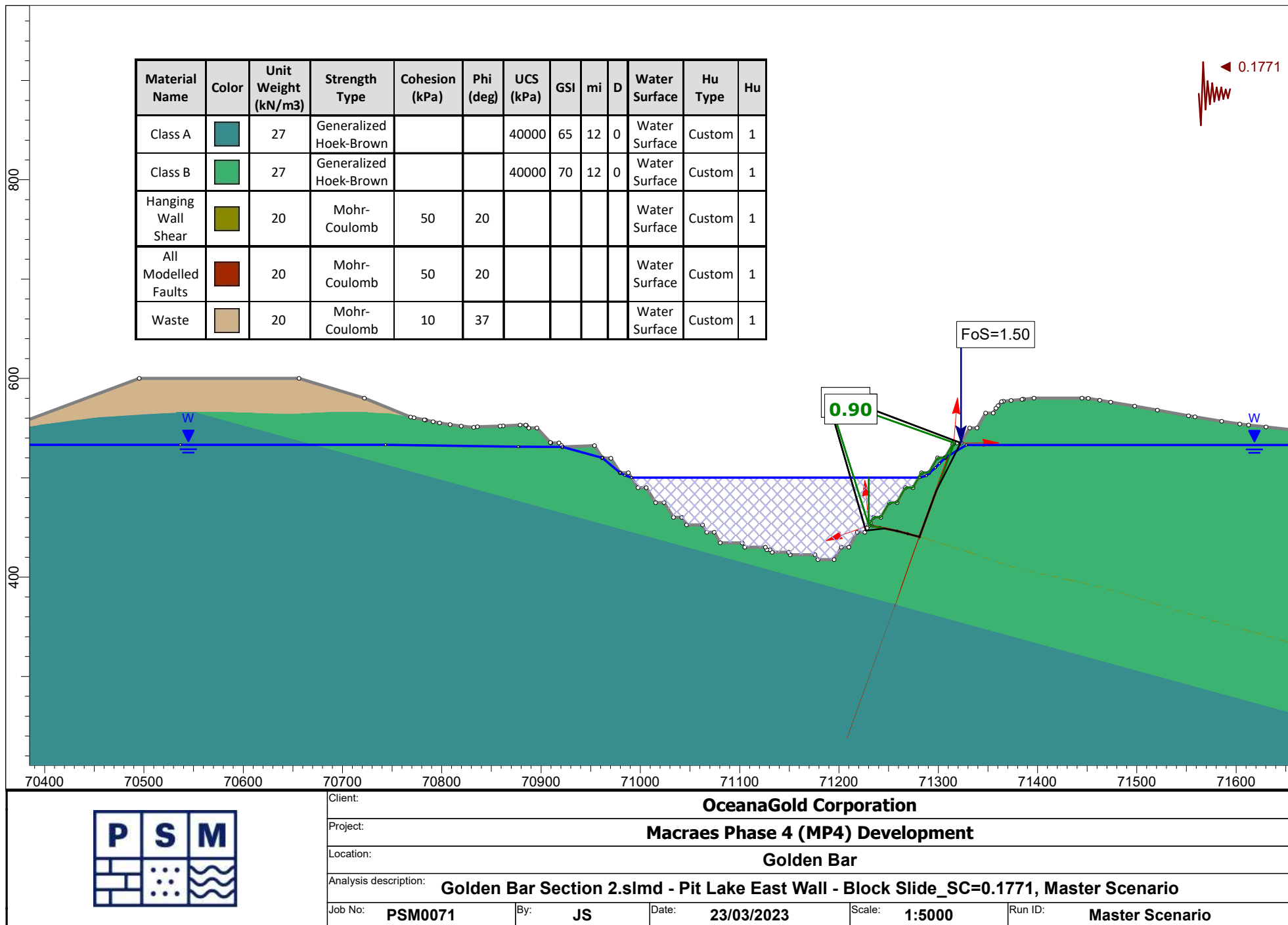




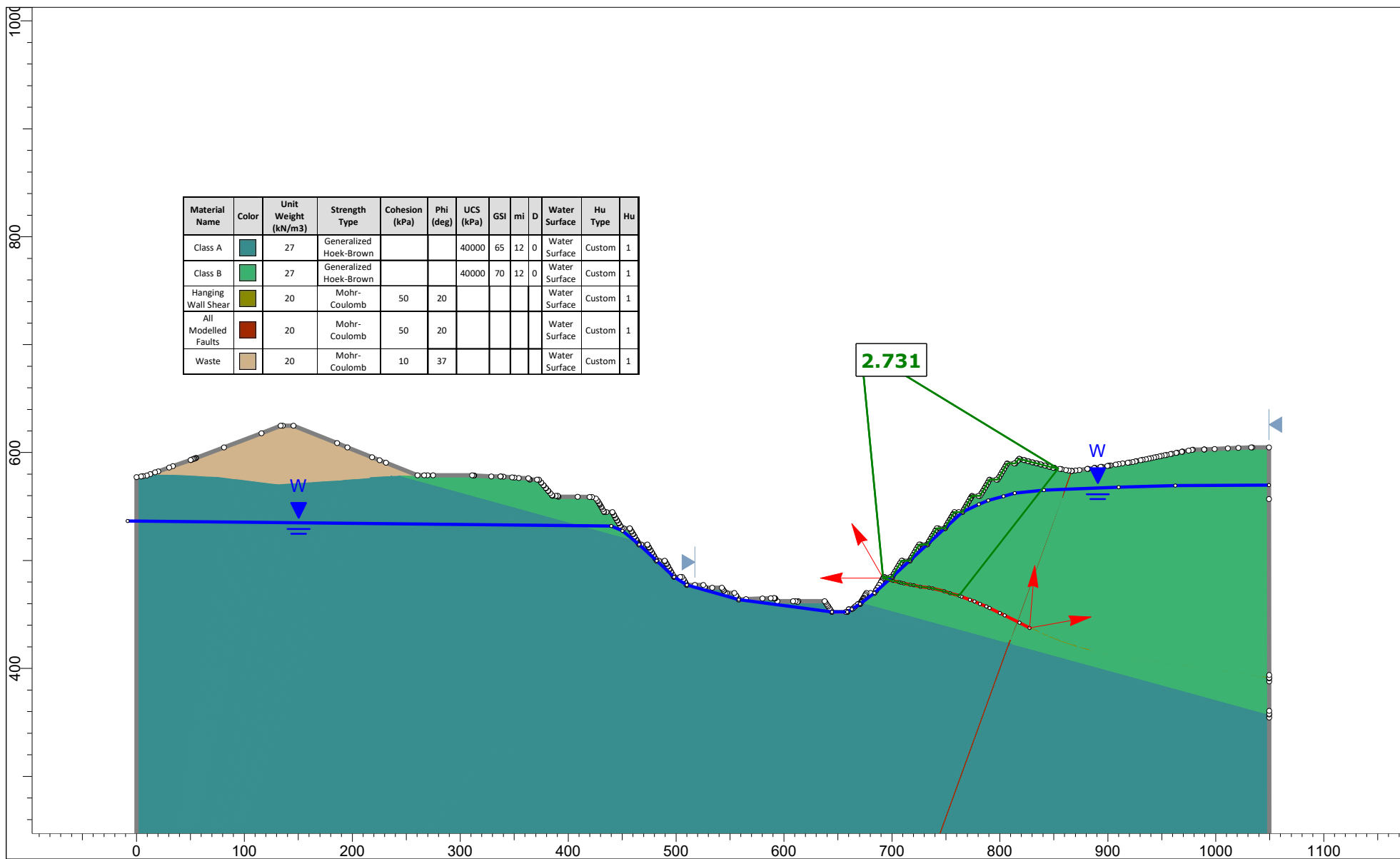
Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	0.6
Class B		27	Generalized Hoek-Brown			40000	70	12	0	Water Surface	Custom	0.6
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	0.6
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	0.6
Waste		20	Mohr-Coulomb	10	37					Water Surface	Custom	0.6



Client:	OceanaGold Corporation					
Project:	Macraes Phase 4 (MP4) Development					
Location:	Golden Bar					
Analysis description:	Golden Bar Section 2.slmd - Hu=0.6 East Wall - Block Slide_SC=0.03875, Master Scenario					
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
Run ID:	Master Scenario					



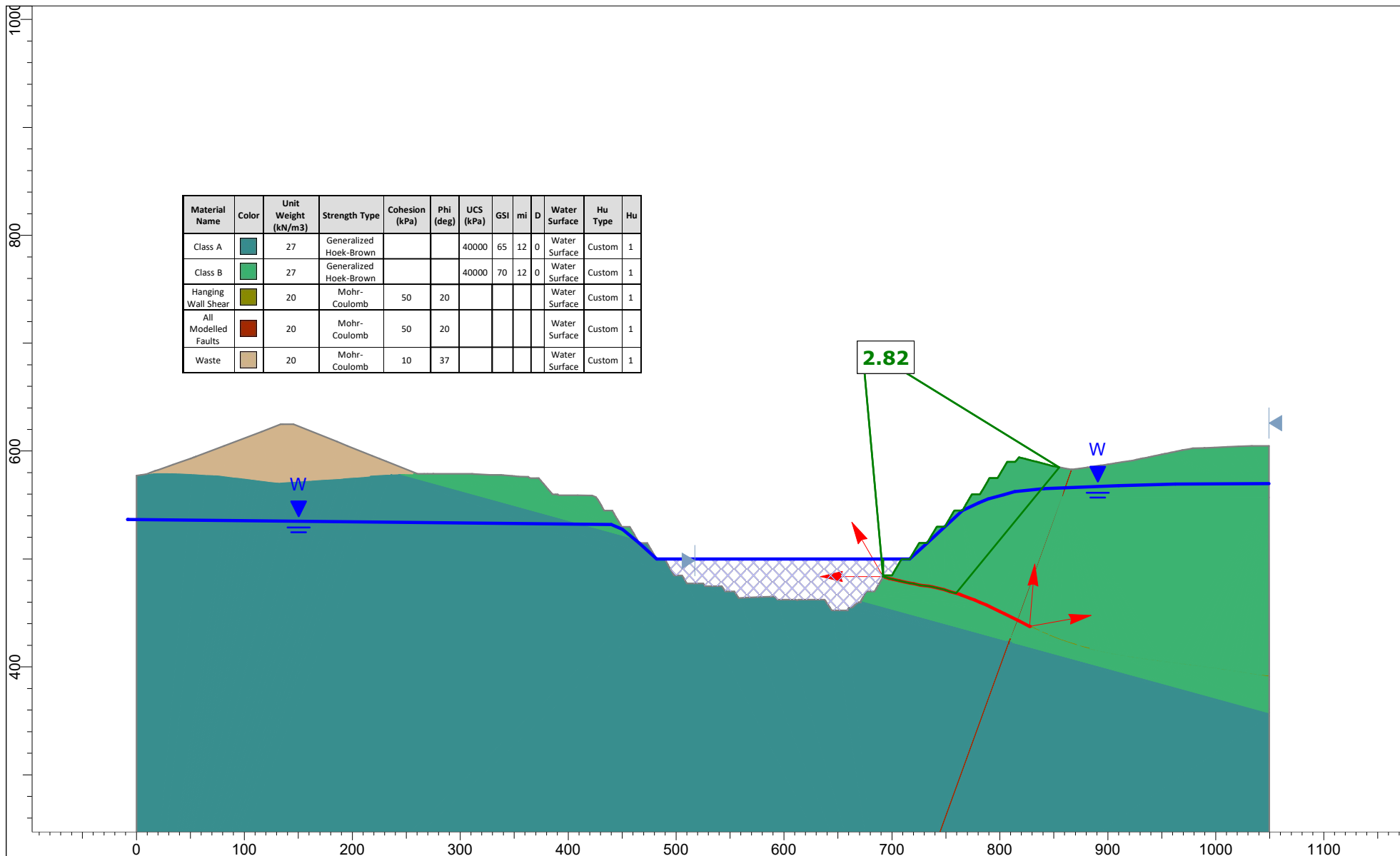
Client:		OceanaGold Corporation				
Project:		Macraes Phase 4 (MP4) Development				
Location:		Golden Bar				
Analysis description:		Golden Bar Section 2.slmd - Pit Lake East Wall - Block Slide_SC=0.1771, Master Scenario				
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	



Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	1
Class B		27	Generalized Hoek-Brown			40000	70	12	0	Water Surface	Custom	1
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
Waste		20	Mohr-Coulomb	10	37					Water Surface	Custom	1



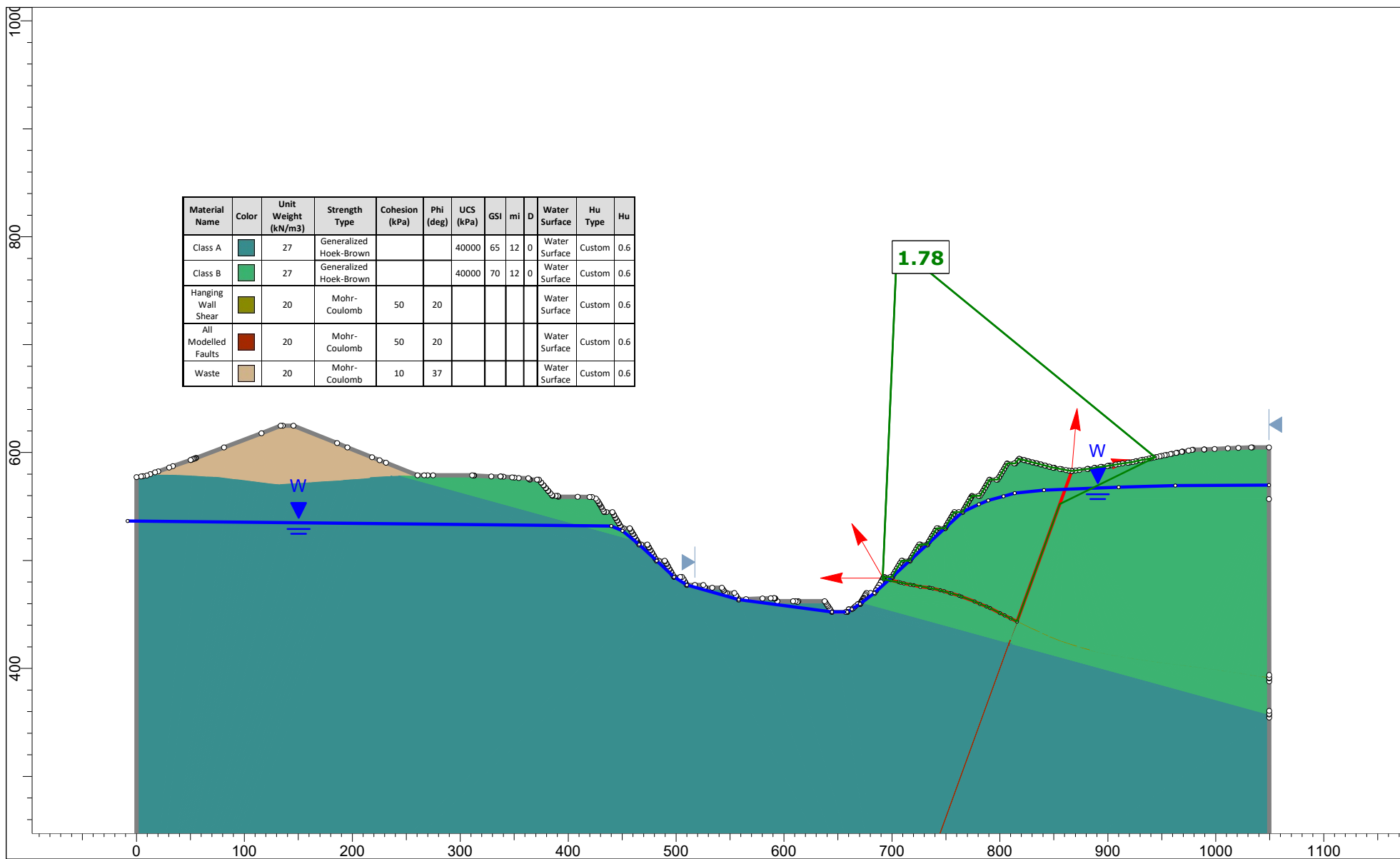
Client:	OceanaGold Corporation					
Project:	Macraes Phase 4 (MP4) Development					
Location:	Golden Bar					
Analysis description:	Golden Bar Section 3.slmd - Hu=1 East Wall - HWS, Master Scenario					
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	



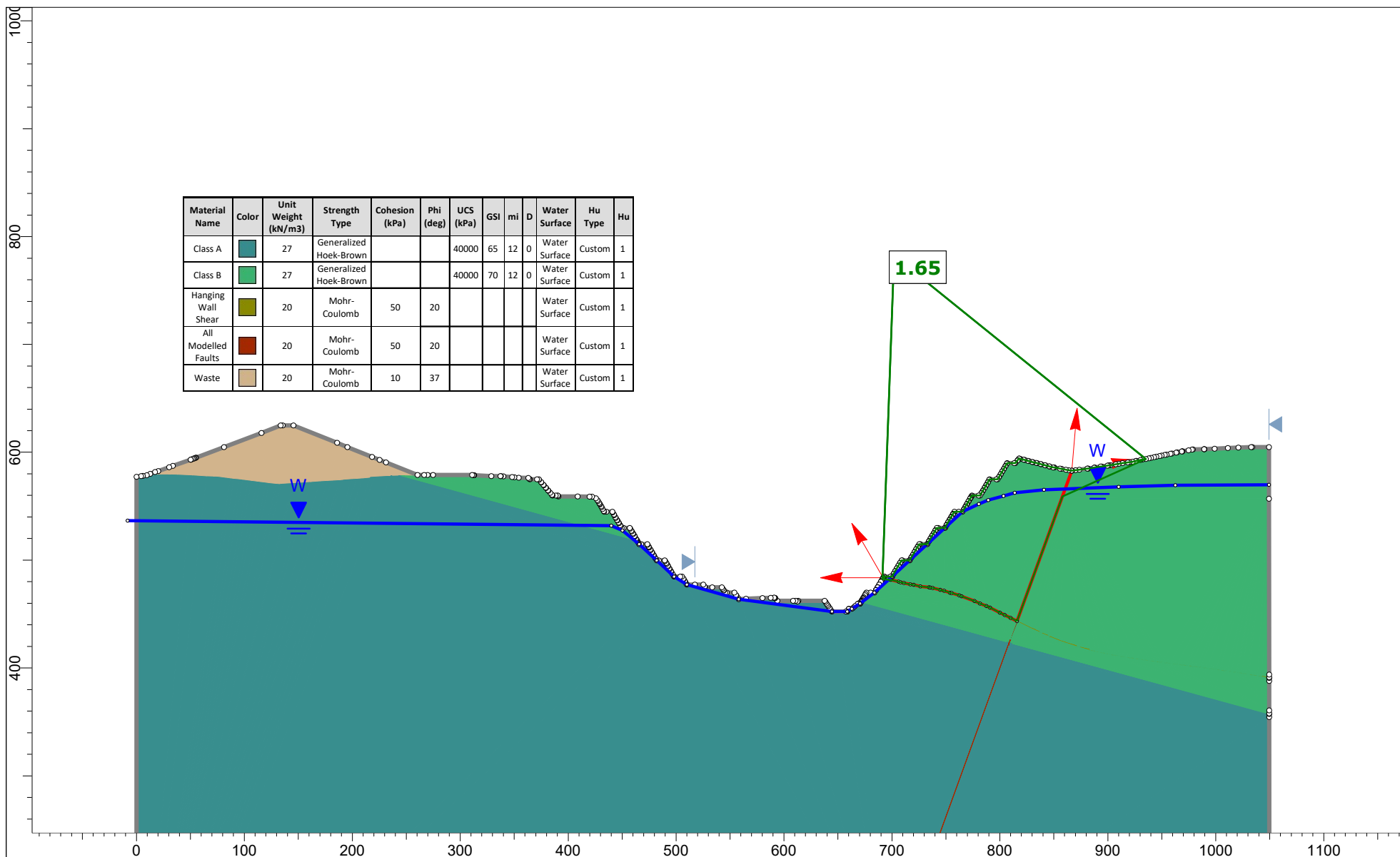
Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (deg)	UCS (kPa)	GSI	mi	D	Water Surface	Hu Type	Hu
Class A		27	Generalized Hoek-Brown			40000	65	12	0	Water Surface	Custom	1
Class B		27	Generalized Hoek-Brown			40000	70	12	0	Water Surface	Custom	1
Hanging Wall Shear		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
All Modelled Faults		20	Mohr-Coulomb	50	20					Water Surface	Custom	1
Waste		20	Mohr-Coulomb	10	37					Water Surface	Custom	1



Client:	OceanaGold Corporation					
Project:	Macraes Phase 4 (MP4) Development					
Location:	Golden Bar					
Analysis description:	Golden Bar Section 3.slmd - Pit Lake East Wall - HWS, Master Scenario					
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	



Client:		OceanaGold Corporation				
Project:		Macraes Phase 4 (MP4) Development				
Location:		Golden Bar				
Analysis description:		Golden Bar Section 3.slmd - Hu=0.6 East Wall - Block Slide, Master Scenario				
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	



Client:		OceanaGold Corporation				
Project:		Macraes Phase 4 (MP4) Development				
Location:		Golden Bar				
Analysis description:		Golden Bar Section 3.slmd - Hu=1 East Wall - Block Slide, Master Scenario				
Job No:	PSM0071	By:	JS	Date:	23/03/2023	Scale: 1:5000
				Run ID:	Master Scenario	

