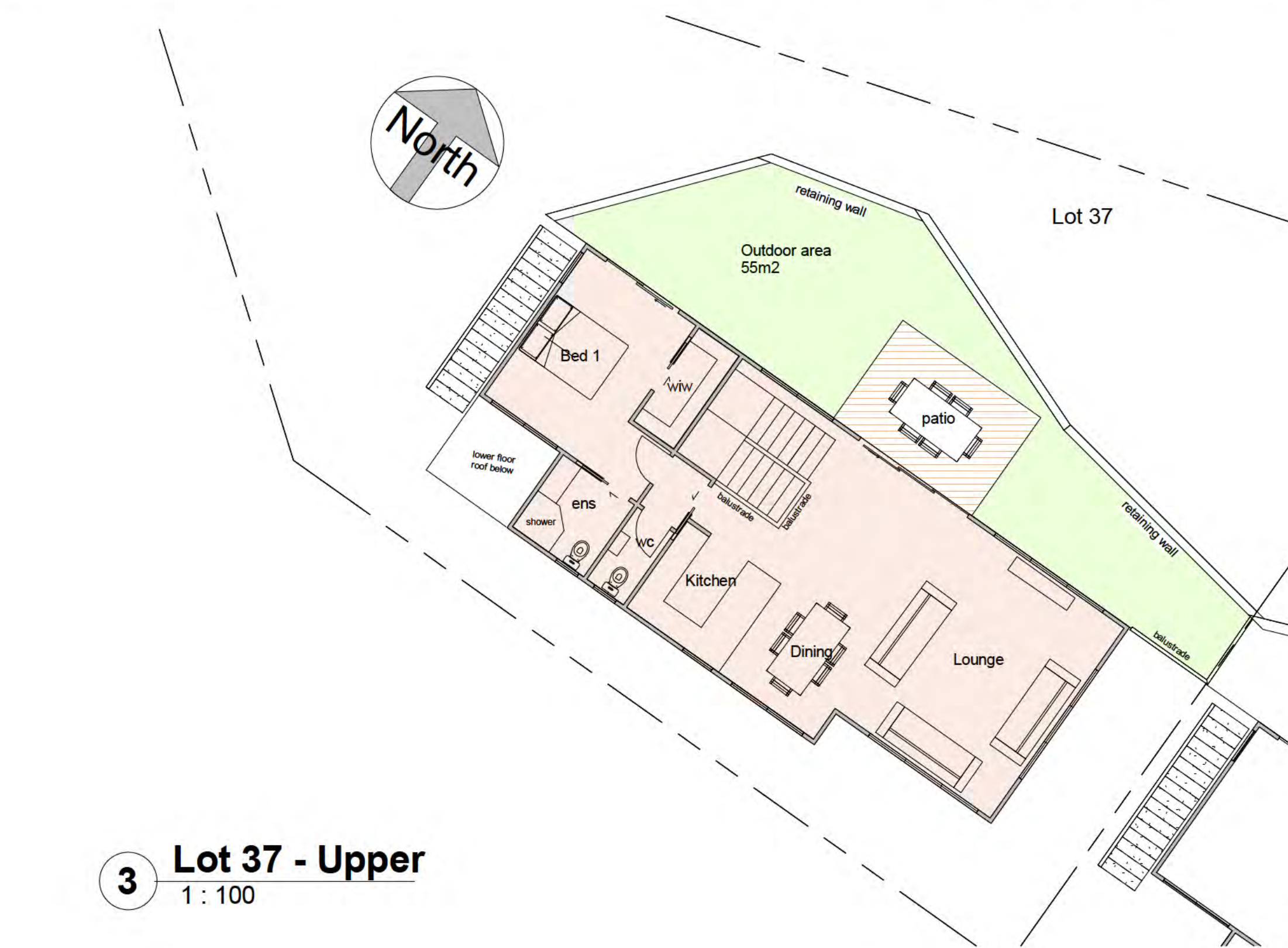




1 Lot 34 - 36 Upper
1 : 100



Sheet	
Lot 34 - 36 Upper	
Project	
Cannon Point West Block Totara Park Upper Hutt	
aymac architecture limited	
5/88 Oriental Parade Oriental Bay Wellington Phone Email	
s 9(2)(a)	
Date	04/05/2026
Designed	Aymac
Drawn	Aymac
Checked	Aymac
Scale	As indicated
Revision	
Project Number	Sheet Number
2409	A131



Sheet	
Lot 37 - Plans	
Project	
Cannon Point West Block Totara Park Upper Hutt	
aymac architecture limited	
5/88 Oriental Parade Oriental Bay Wellington Phone s 9(2)(a) Email	
Date	04/05/2026
Designed	Aymac
Drawn	Aymac
Checked	Aymac
Scale	As indicated
Revision	
Project Number	Sheet Number
2409	A132

Lot 38
Lower floor 94m2
Upper floor 68
Total 162m2

Outdoor
area 75m2



Road One

Lot 39
Lower floor 94m2
Upper floor 68
Total 162m2

Outdoor
area 91m2

Outdoor
area 167m2

Lot 40
Lower Floor 84m2
Upper Floor 64m2
Total Area 148m2

Lot 42
Lower floor 94m2
Upper floor 68
Total 162m2

Outdoor
area 91m2

Lot 41

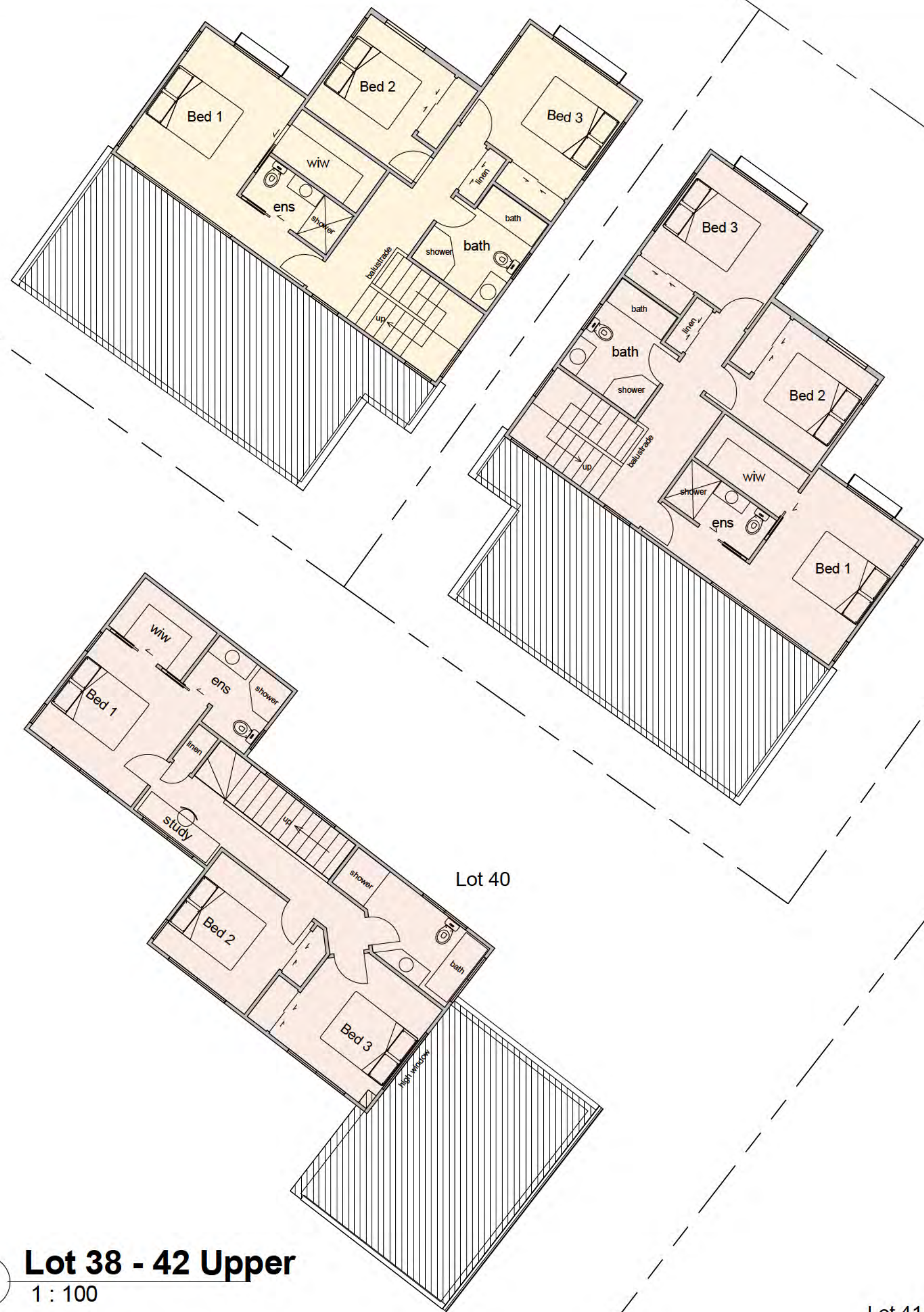
Lot 43

1

Lot 38 - 42 Lower

1 : 100

Sheet	Lot 38 - 42 Lower
Project	Cannon Point West Block Totara Park Upper Hutt
aymac architecture limited	
5/88 Oriental Parade Oriental Bay Wellington Phone s 9(2)(a) Email	
Date	04/05/2026
Designed	Aymac
Drawn	Aymac
Checked	Aymac
Scale	1 : 100
Revision	
Project Number	2409
Sheet Number	A133



1 Lot 38 - 42 Upper
1 : 100

Sheet	
Lot 38 - 42 Upper	
Project	
Cannon Point West Block Totara Park Upper Hutt	
aymac architecture limited	
5/88 Oriental Parade Oriental Bay Wellington Phone s 9(2)(a) Email	
Date	04/05/2026
Designed	Aymac
Drawn	Aymac
Checked	Aymac
Scale	As indicated
Revision	
Project Number	Sheet Number
2409	A134



1 Lot 41 - 43 Lower
1 : 100

Sheet	
Lot 41 - 43 Lower	
Project	
Cannon Point West Block Totara Park Upper Hutt	
aymac architecture limited	
5/88 Oriental Parade Oriental Bay Wellington Phone 5 9(2)(a) Email	
Date	04/05/2026
Designed	Aymac
Drawn	Aymac
Checked	Aymac
Scale	1 : 100
Revision	
Project Number	Sheet Number
2409	A135



Sheet	
Lot 41 - 43 Upper	
Project	
Cannon Point West Block Totara Park Upper Hutt	
aymac architecture limited	
5/88 Oriental Parade Oriental Bay Wellington Phone s 9(2)(a) Email	
Date	04/05/2026
Designed	Aymac
Drawn	Aymac
Checked	Aymac
Scale	As indicated
Revision	
Project Number	Sheet Number
2409	A136



Sheet		Date	04/05/2026
Lot 44 & 45 Plan		Designed	Aymac
Project		Drawn	Aymac
Cannon Point West Block		Checked	Aymac
Totara Park Upper Hutt		Scale	As indicated
	5/88 Oriental Parade Oriental Bay Wellington Phone 04 488 9222 Email info@aymac.co.nz	Revision	
		Project Number	Sheet Number
		2409	A137



Sheet		aymac architecture limited 5/88 Oriental Parade Oriental Bay Wellington Phone 9(2)(a) Email	Date	04/05/2026
Lot 46 - Plan			Designed	Aymac
Project			Drawn	Aymac
Cannon Point West Block			Checked	Aymac
Totara Park Upper Hutt			Scale	As indicated
			Revision	
			Project Number	Sheet Number
			2409	A138



Appendix 2: Historical Aerial Imagery

1943



1962



1974



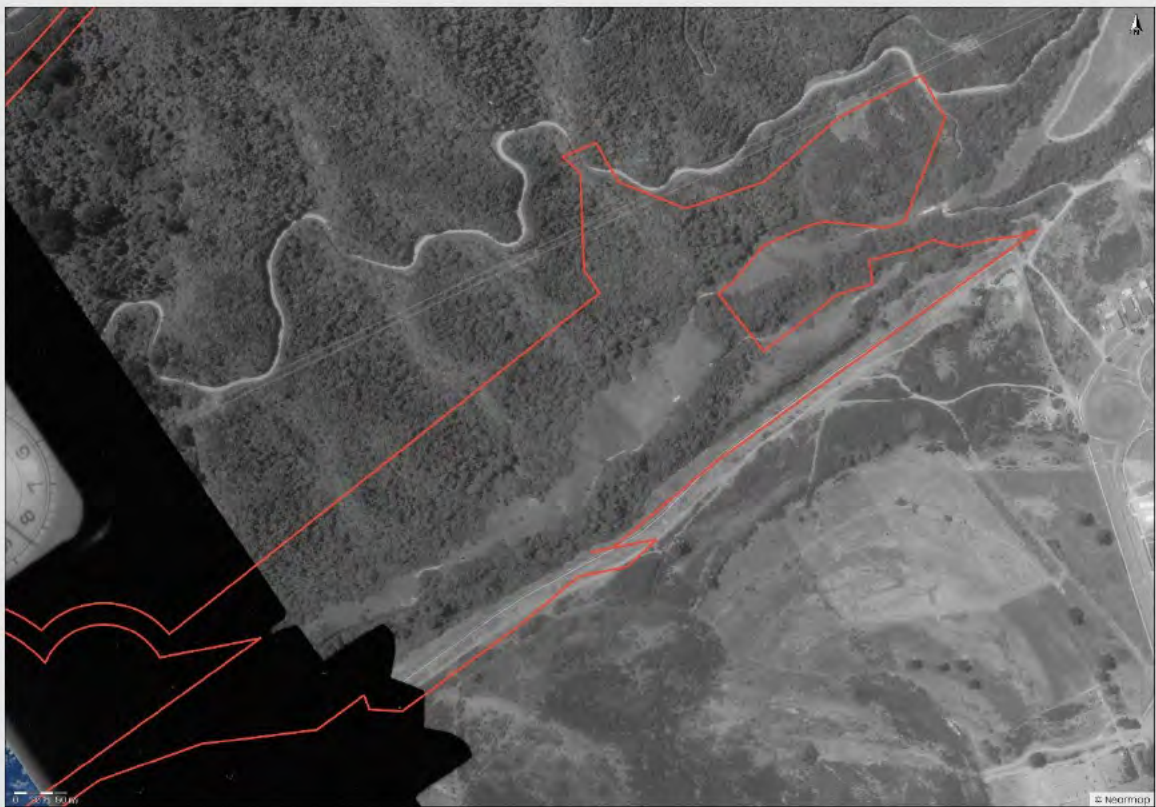
1980



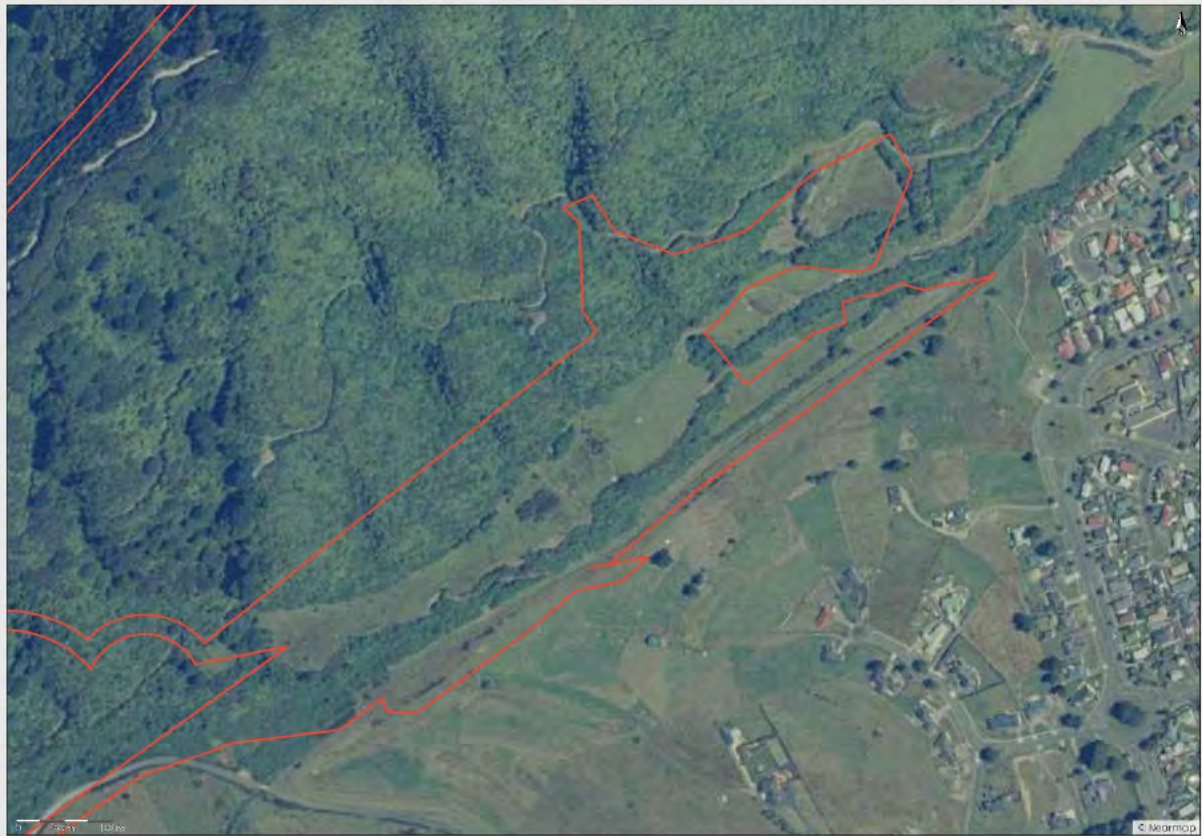
1988



1990



2003





Appendix 3:

Previous ENGEO Ground Investigation Logs

LOG OF BORING BH09

Geotechnical Investigation
10 Cannon Point
Totara Park
16901.000.000

Client : Cannon Point Developments Core Diameter : 83 mm
Date : 6/11/2020 Hammer Efficiency : 70 %
Hole Depth : 15 m Logged By/Reviewed By : HB / CM
Drilling Method : Sonic/Rotary Latitude : -5446902
Drilling Contractor : Websters Longitude : 1773942

Depth (m)	Material	Sample Type	USCS Symbol	DESCRIPTION	Log Symbol	Water Level	Moisture	Consistency/ Density Index	SPT N-Value	Pocket Pen. UCS (kPa)	Torvane Shear (kPa)	Total Core Recovery (%)	Notes
0.0	TS		ML	SILT with some gravel; dark brown. Low plasticity; gravel is fine to coarse, subrounded. Rootlets, organic fragments.								25 50 75	
0.5			GM	Silty sandy fine to coarse GRAVEL with some cobbles; grey. Well graded, subrounded; sand is fine to coarse; cobbles are rounded.									
1.0													
1.5													
2.0								Very dense	23/18//18/22/10 for 45 mm N=50				
2.5													
3.0													
3.5								Dense	9/10//7/6/9/13 N=35				
4.0													
4.5													
5.0								Very dense	12/16//20/24/6 for 5mm N=50+				
5.5													
6.0													
6.5			ML	Sandy SILT with some gravel; light brown. Low plasticity; sand is fine to medium; gravel is fine to coarse, subrounded.					9/19//10/14/14/4 HB for 35 mm N=50+				
7.0													
7.5								Hard	10/12//14/15/16/5 for 35 mm N=50+				
8.0													
8.5													
9.0			GM	Silty fine to coarse GRAVEL with some sand; grey brown. Well graded; subrounded; sand is fine.				Dense to very dense	5/5//5/7/10/17 N=39				
9.5													
10.0													

GEOSCIENCE MACHINE BORING 10 CANNON PT - BH INVESTIGATION.GPJ NZ DATA TEMPLATE 2.GDT 18/11/20

TS = Topsoil

Standing groundwater was not encountered during drilling.

HB = Hammer bounce.

Investigation reached target depth.

LOG OF BORING BH09

Geotechnical Investigation
10 Cannon Point
Totara Park
16901.000.000

Client : Cannon Point Developments **Core Diameter :** 83 mm

Date : 6/11/2020

Hammer Efficiency : 70 %

Hole Depth : 15 m

Logged By/Reviewed By : HB / CM

Drilling Method : Sonic/Rotary

Latitude : -5446902

Drilling Contractor : Websters

Longitude : 1773942

Depth (m)	Material	Sample Type	USCS Symbol	DESCRIPTION	Log Symbol	Water Level	Moisture	Consistency/ Density Index	SPT N-Value	Pocket Pen. UCS (kPa)	Torvane Shear (kPa)	Total Core Recovery (%)	Notes
												25 50 75	
10.5	ALLUVIUM	X	GM	Silty fine to coarse GRAVEL with some sand; grey brown. Well graded; subrounded; sand is fine.				Dense to very dense	6/15//18/26/6 for 15 mm N=50+				
11.0													
11.5													
12.0													
12.5													
13.0													
13.5		X							4/6///25/15 HB for 5mm N=50+				
14.0	SANDSTONE			Slightly weathered, blue-grey, Greywacke SANDSTONE. Strong, Joints are closely to very closely spaced, undulating smooth. Sections of completely weathered fractured rock.									
14.5													
15.0													
End of Hole Depth: 15 m Termination: Target depth													

TS = Topsoil

HB = Hammer bounce

Standing groundwater was not encountered during drilling.

Investigation reached target depth.

LOG OF BORING BH10

Geotechnical Investigation
10 Cannon Point
Totara Park
16901.000.000

Client : Cannon Point Developments Core Diameter : 83 mm
Date : 14/11/2020 Hammer Efficiency : 70 %
Hole Depth : 15 m Logged By/Reviewed By : MT/TV / CM
Drilling Method : Sonic/Rotary Latitude : -5446878
Drilling Contractor : Websters Longitude : 1773855

Depth (m)	Material	Sample Type	USCS Symbol	DESCRIPTION	Log Symbol	Water Level	Moisture	Consistency/ Density Index	SPT N-Value	Pocket Pen. UCS (kPa)	Torvane Shear (kPa)	Total Core Recovery (%)	Notes
0.5			ML	SILT with some gravel; dark brown. Low plasticity; gravel is fine to coarse, subrounded. Rootlets, organic fragments.								25 50 75	
1.0			GW	Sandy fine to coarse GRAVEL with some silt; dark brown. Well graded, angular to subrounded; sand is fine to coarse.				Very dense	1/22/20/17/2 HB for 35 mm N=50+				
2.5			GW	Fine to coarse GRAVEL with some sand and silt; Well graded, subangular to subrounded; sand is fine to coarse.				Dense	9/13/9/9/9/8 N=35				
5.0			GW	Sandy fine to coarse GRAVEL with some silt; dark brown. Well graded, angular to subrounded; sand is fine to coarse.				Very dense	15/15/15/8 for 60 mm N=50+				
6.0									17/20 HB for 35 mm N=50+				
7.5			SP	Fine to medium SAND with some silt; orange mottled brown. Poorly graded.				Medium dense	1/7/1/7/5/5/4 N=26				
9.5			ML	Sandy SILT; light greyish blue. Low plasticity; sand is fine.				Stiff	6/4/1/3/4/2/4 N=13				
10.0													

TS = Topsoil

HB = Hammer bounce.

Investigation reached target depth.

Standing groundwater was not encountered during drilling.

LOG OF BORING BH10

Geotechnical Investigation
10 Cannon Point
Totara Park
16901.000.000

Client : Cannon Point Developments Core Diameter : 83 mm
Date : 14/11/2020 Hammer Efficiency : 70 %
Hole Depth : 15 m Logged By/Reviewed By : MT/TV / CM
Drilling Method : Sonic/Rotary Latitude : -5446878
Drilling Contractor : Websters Longitude : 1773855

Depth (m)	Material	Sample Type	USCS Symbol	DESCRIPTION	Log Symbol	Water Level	Moisture	Consistency/ Density Index	SPT N-Value	Pocket Pen. UCS (kPa)	Torvane Shear (kPa)	Total Core Recovery (%)	Notes
10.5			GW	Sandy fine to coarse GRAVEL with some silt; dark brown. Well graded, angular to subrounded; sand is fine to coarse.								25 50 75	
11.0			GM	Silty fine to coarse GRAVEL with some sand, light brown. Well graded, subangular to subrounded; sand is fine to coarse.				Medium dense	3/4/1/3/4/6/6 N=19				
12.0			GW	Sandy fine to coarse GRAVEL with some silt; dark brown. Well graded, angular to subrounded; sand is fine to coarse.					4/6/9/10/17 HB for 40 mm N=50+				
13.5								Very dense	13/29/34 HB for 55 mm N=50+				
15.0				End of Hole Depth: 15 m Termination: Target depth									

GEOSCIENCE MACHINE BORING 10 CANNON PT - BH INVESTIGATION.GPJ NZ DATA TEMPLATE 2.GDT 18/11/20

TS = Topsoil

HB = Hammer bounce.

Standing groundwater was not encountered during drilling.

Investigation reached target depth.

LOG OF TEST PIT TP03

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 2 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.10487005
Longitude : 175.0797241

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
		Easier	Harder								2 4 6 8 10 12
0.5	ALLUVIUM			Silty fine to medium SAND with minor gravel; light brown. Gap graded; gravel is fine to coarse, angular to subrounded.					Loose		
			SM						Medium Dense		
				0.7 m - Contains cobbles and boulders.					Dense		
1.0			GW	Fine to coarse GRAVEL with some sand and some silt; light brown. Well graded, angular to subrounded; sand is fine to coarse.					Tightly Packed		
1.5				Silty fine to medium SAND with minor gravel; light brown. Gap graded; gravel is fine to coarse, angular to subrounded.							
			SM	1.6 m - Sand grain size increases to fine to coarse.							
2.0				Depth of Excavation: 2 m Termination Condition: Target depth					Dense		
2.5											



Bucket excavator met target depth at 2 m depth. Scala Penetrometer met practical refusal at 2 m depth. Standing groundwater was not encountered.

LOG OF TEST PIT TP04

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 2 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.1056911
Longitude : 175.0790147

Depth (m BGL)	Material	Excavatability (Relative Scale)	Harder	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
		Easier										2 4 6 8 10 12
0.5												
1.0	FILL			ML	SILT with some sand and minor gravel; light brown. Low plasticity; sand is fine to coarse; gravel is fine to coarse, angular to subangular.					Loose to Medium Dense		
1.5										Dense		
2.0										Tightly Packed		
2.5					Depth of Excavation: 2 m Termination Condition: Target depth							



Bucket excavator met target depth at 2 m depth. Scala
Penetrometer met practical refusal at 1.7 m depth.
Standing groundwater was not encountered.

LOG OF TEST PIT TP05

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 2 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.10668573
Longitude : 175.0782145

Depth (m BGL)	Material	Excavatability (Relative Scale)	Harder	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
	TS			SW	Gravelly fine to coarse SAND with minor silt; brown. Well graded; gravel is fine to coarse, angular to subrounded. Contains rootlets.					Loose		
0.5					Sandy SILT with minor gravel; light brown. Low plasticity; sand is fine to coarse; gravel is fine to coarse, angular to subrounded.					Stiff to Very Stiff		
1.0	ALLUVIUM			ML	1.0 m - Contains cobbles and boulders.				M	Hard		
1.5										Stiff		
2.0				GW	Fine to coarse GRAVEL with some sand and minor silt; light brown. Well graded; angular to subrounded; sand is fine to coarse.					Hard		
2.5					Depth of Excavation: 2 m Termination Condition: Target depth					Tightly Packed		



Bucket excavator met target depth at 2 m depth.
Scala Penetrometer met practical refusal at 1.2 m depth.
Standing groundwater was not encountered.

TS = TOPSOIL

LOG OF TEST PIT TP06

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 2 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.10748912
Longitude : 175.07596535

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
		Easier	Harder								2 4 6 8 10 12
									Stiff to Very Stiff		
									Hard		
0.5			ML	Sandy SILT with minor gravel; brown. Low plasticity; sand is fine to medium; gravel is fine to coarse, subangular to rounded.							
			ML	Sandy SILT with minor gravel; light brown mottled brown. Low plasticity; sand is fine to coarse; gravel is fine to coarse, subangular to rounded.							
1.0			ML	SILT with minor sand and trace gravel; bluish grey. Low plasticity; sand is fine to coarse; gravel is fine to coarse, angular to subrounded. Contains fibrous organics.				M	Tightly Packed		
1.5			ML	1.5 m - Contains scrap metal.					Very Soft		
			ML	SILT with minor sand and trace gravel; dark grey. Low plasticity; sand is fine; gravel is fine to medium, angular to subrounded. Contains organics.					Stiff	75/42	
2.0			ML					S			
				Depth of Excavation: 2 m Termination Condition: Target depth							
2.5											



Bucket excavator met target depth at 2 m depth.
Scala Penetrometer met practical refusal at 1.8 m depth.
Standing groundwater was encountered at 1.6 m.

LOG OF TEST PIT TP07

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 2 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.10781297
Longitude : 175.07488345

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
		Easier	Harder								2 4 6 8 10 12
	FILL		SM	Silty fine to coarse SAND with some gravel; light brown. Well graded; gravel is fine to coarse, angular to subangular. Contains cobbles.							
0.5				Gravelly fine to coarse SAND with minor silt; light brown. Well graded; gravel is fine to coarse, angular to subangular. Contains cobbles.				D	Medium Dense to Dense		
1.0	COLLUVIUM		SW					M	Tightly Packed		
1.5											
2.0				Depth of Excavation: 2 m Termination Condition: Target depth							
2.5											



Bucket excavator met target dept at 2 m depth.
Scala Penetrometer met practical refusal at 0.7 m depth. Standing groundwater was not encountered.

LOG OF TEST PIT TP08

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 1.4 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.10872875
Longitude : 175.0741464

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
	TS		SM	Silty fine to coarse SAND with minor gravel; light brown. Well graded; gravel is fine to coarse, subangular to rounded. Contains rootlets.					Loose		
0.5			SM	Silty fine to coarse SAND with minor gravel; light brown. Well graded; gravel is fine to coarse, subangular to rounded.					Medium Dense		
1.0	ALLUVIUM		GW	Fine to coarse GRAVEL with some sand and minor silt; light brown. Well graded, subangular to rounded. Contains cobbles.					Dense		
1.5				Depth of Excavation: 1.4 m Termination Condition: Practical refusal					Tightly Packed		
2.0											
2.5											



Bucket excavator met practical refusal at 1.4 m depth.
Scala Penetrometer met practical refusal at 0.8 m depth. Standing groundwater was not encountered.

TS = TOPSOIL

LOG OF TEST PIT TP09

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 1.7 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.10956468
Longitude : 175.07272853

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
	TS										2 4 6 8 10 12
0.5			ML	SILT with some sand and trace gravel; light brown. Low plasticity; sand is fine to medium; gravel is fine to medium, angular to subrounded.					Very Soft		
1.0	ALLUVIUM		ML	Sandy SILT with trace gravel; grey mottled orange. Low plasticity; sand is fine to coarse; gravel is fine to medium, subangular to subrounded.				M	Soft to Firm	112/39	
1.5			GW	1.1 m - Gravel content increases to minor. 1.3 m - Gravel content increases to some. Fine to coarse GRAVEL with some sand and minor silt; greyish brown. Well graded; subangular to rounded; sand is fine to coarse.					Very Stiff	184/54	
2.0				Depth of Excavation: 1.7 m Termination Condition: Practical refusal					Tightly Packed		
2.5											



Bucket excavator met practical refusal at 1.7 m depth.
Scala Penetrometer met practical refusal at 1.3 m depth. Standing groundwater was not encountered.

TS = TOPSOIL

LOG OF TEST PIT TP10

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 1.7 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.11069082
Longitude : 175.07052238

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
		Easier	Harder								2 4 6 8 10 12
	TS							D			
									Loose to Medium Dense		
0.5			SM	Silty fine to medium SAND with minor gravel; brown. Gap graded; gravel is fine to coarse, angular to subangular.							
			SM	Silty fine to coarse SAND with minor gravel; brown. Well graded; gravel is fine to coarse, subangular to rounded.							
									Stiff		
1.0	ALLUVIUM		ML	Sandy SILT with minor gravel; grey mottled orange. Low plasticity; sand is fine to coarse; gravel is fine to coarse, subangular to rounded.			M		Very Stiff	159/30	
1.5										169/48	
									Tightly Packed		
1.6 m				Contains cobbles.							
2.0				Depth of Excavation: 1.7 m Termination Condition: Practical refusal							
2.5											



Bucket excavator met practical refusal 1.7 m depth.
Scala Penetrometer met practical refusal at 1 m depth. Standing groundwater was not encountered.

TS = TOPSOIL

LOG OF TEST PIT TP11

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 1.6 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.10856523
Longitude : 175.07388813

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
	TS		SP	Fine to medium SAND with some silt and minor gravel; brown. Gap graded; gravel is fine to medium, angular to subangular. Contains rootlets and brick fragments.				D	Loose		
0.5				Sandy SILT with minor gravel; brown. Low plasticity; sand is fine to coarse; gravel is fine to coarse, angular to subrounded.					Very Stiff		
1.0	ALLUVIUM		ML	0.7 m - Colour changes to grey mottled orange.				M	Firm to Stiff		
1.5	RS		SM	Silty fine to coarse SAND with minor gravel; brown mottled orange and grey. Well graded; gravel is fine to coarse, angular to subangular.					Very Stiff		
2.0				Depth of Excavation: 1.6 m Termination Condition: Practical refusal					Hard		
2.5									Dense		



Bucket excavator met practical refusal at 1.6 m depth.
Scala Penetrometer met practical refusal at 1.6 m depth. Standing groundwater was not encountered.

TS = TOPSOIL, RS = RESIDUAL SOIL

LOG OF TEST PIT TP12

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.000

Client : Simon Zhang
Date : 17/01/2020
Max Test Pit Depth : 1.3 m
Digger Type/Size : Bucket Excavator
Bucket Type/Size : 80 cm

Shear Vane No : 2775
Logged By : CC
Reviewed By : CM
Latitude : -41.10573668
Longitude : 175.0791715

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
	TS		SM	Silty fine to coarse SAND with minor gravel; brown. Well graded; gravel is fine to coarse, angular to subrounded. Contains rootlets.				D	Medium Dense		
0.5				Sandy fine to coarse GRAVEL with minor silt; brown. Well graded; angular to subrounded; sand is fine to coarse. Contains cobbles.				M	Dense		
1.0	ALLUVIUM		GW						Tightly Packed		
1.5	Depth of Excavation: 1.3 m Termination Condition: Practical refusal										
2.0											
2.5											



Bucket excavator met practical refusal at 1.3 m depth.
Scala Penetrometer met practical refusal at 0.6 m depth. Standing groundwater was not encountered.

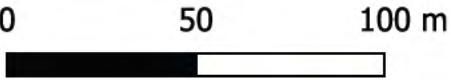
TS = TOPSOIL

Appendix 4: Geomorphological Map



LEGEND

- Property Boundaries
- Geomorphic Linear Features
- Minor Toe of Slope
- Minor Ridgeline
- Major Perennial Stream
- Ephemeral Stream
- Diversion Channel
- Major Convex Break in Slope
- Major Concave Break in Slope
- Cliff
- Major Strike/Slip Fault (Inferred)
- Fault Trace (inferred)
- Overflow Channel
- Geomorphic Polygon Features
- Wetland
- Area of Rock Outcrop
- Fallen Boulders
- Displaced Mass
- Alluvial Fan
- Fill
- Surfaces
- Contours 5.0 m
- Geology 1:250k
- Rakaia Terrane
- Recent Alluvium



Projection: NZTM 2000NZGD2000 / New Zealand Transverse Mercator 2000

Client: Simon Zhang C/o Vecta Limited

Title: Geomorphic Constaint Map		Appendix No. Size: A3 Sheet
Project: Stage 3 - Cannon Point	Drawn: KAJJ	
Date: 07/05/2026	Checked: RJ	
Proj No: 16998.000.002	Scale: 2000 @ A3	Version: 1.0



Appendix 5: Geotechnical Investigation Log



LOG OF TEST PIT STG3-TP01

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.001

Client : Simon Zhang
Date : 04.02.2026
Max Test Pit Depth : 2.5 m
Digger Type/Size : Bucket Auger
Bucket Type/Size : 600

Shear Vane No : 3556
Logged By : MC
Reviewed By : HB
Latitude : -41.110428
Longitude : 175.0698389

Depth (m BGL)	Material	Excavatability (Relative Scale)	Harder	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
	TS			ML	[TOPSOIL] SILT with some sand some rootlets and trace gravel; dark brown. Low plasticity. Sand is fine to coarse; gravel is fine to coarse, angular, strong to very strong, moderately to slightly weathered, Greywacke sandstone.					F		
0.5												
1.0	DEBRIS FLOW MATERIAL			GW	Fine to coarse GRAVEL with some cobbles, some sand and minor silt; brown. Well graded. Gravel and cobbles are angular to sub-rounded, strong to very strong, moderately to slightly weathered, Greywacke sandstone, maximum cobbles size 300 mm.				M	MD to VD		
1.5												
2.0												
2.5					Depth of Excavation: 2.5 m Termination Condition: Target depth							
3.0												

GEOTECH TEST PIT LOG TP LOGS GPJ NZ MASTER DATA TEMPLATE GDT 13/3/26

Ground water not encountered.
TS = TOPSOIL, M = Moist
F = Firm, MD = Medium Dense, VD = Very Dense

Coordinates (WGS84) are spatially estimated using aerial imagery



LOG OF TEST PIT STG3-TP02

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.001

Client : Simon Zhang
Date : 04.02.2026
Max Test Pit Depth : 2.5 m
Digger Type/Size : Bucket Auger
Bucket Type/Size : 600

Shear Vane No : 3556
Logged By : MC
Reviewed By : HB
Latitude : -41.1100102
Longitude : 175.0721447

Depth (m BGL)	Material	Excavatability (Relative Scale)		USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer								
		Easier	Harder									Blows per 100mm								
	TS			ML	[TOPSOIL] SILT with some sand some rootlets and trace gravel; dark brown. Low plasticity. Sand is fine to coarse; gravel is fine to coarse, angular, strong to very strong, moderately to slightly weathered, Greywacke sandstone.					F										
0.5	COLLUVIUM			SW	Gravelly fine to coarse SAND with minor silt; brown. Well graded. Gravel is fine to coarse, angular to sub-rounded, moderately strong to strong, highly to moderately weathered, Greywacke sandstone. 0.5 m - Becomes grey with brown mottling.					MD to VD										
1.0																				
1.5	PLEISTOCENE ALLUVIUM			GW	Cobbley fine to coarse GRAVEL with some sand and minor silt; brownish grey. Well graded. Gravel and cobbles are sub-rounded to rounded, very strong to extremely strong, slightly weathered to unweathered, Greywacke sandstone, maximum cobbles size 500mm; sand is fine to coarse.				M											
2.0										Tightly packed										
2.5	Depth of Excavation: 2.5 m Termination Condition: Target depth																			
3.0																				

Ground water not encountered.
TS = TOPSOIL, M = Moist
F = Firm, MD = Medium Dense, VD = Very Dense

Coordinates (WGS84) are spatially estimated using aerial imagery



LOG OF TEST PIT STG3-TP03

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.001

Client : Simon Zhang
Date : 04.02.2026
Max Test Pit Depth : 2.3 m
Digger Type/Size : Bucket Auger
Bucket Type/Size : 600

Shear Vane No : 3556
Logged By : MC
Reviewed By : HB
Latitude : -41.1108235
Longitude : 175.0702646

Depth (m BGL)	Material	Excavatability (Relative Scale)		USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remoulded (kPa)	Scala Penetrometer					
		Easier	Harder									Blows per 100mm					
	TS			ML	[TOPSOIL] SILT with some sand some rootlets and trace gravel; dark brown. Low plasticity. Sand is fine to coarse; gravel is fine to coarse, angular, strong to very strong, moderately to slightly weathered, Greywacke sandstone.					F							
0.5	COLLUVIUM			SW	Fine to coarse SAND with minor silt and minor gravel; greyish brown. Well graded. Gravel is fine to coarse, sub-angular to sub-rounded, moderately strong, moderately weathered, Greywacke sandstone.					MD to VD							
1.0	PLEISTOCENE ALLUVIUM			GW	Cobbly fine to coarse GRAVEL with some sand and trace silt; dark brown. Well graded. Gravel and cobbles are sub-rounded to rounded, very strong to extremely strong, slightly weathered to unweathered, Greywacke sandstone, maximum cobbles size 400mm; sand is fine to coarse.				M	Tightly packed							
2.0																	
2.5					Depth of Excavation: 2.3 m Termination Condition: Practical refusal												
3.0																	

Ground water not encountered.
TS = TOPSOIL, M = Moist
F = Firm, MD = Medium Dense, VD = Very Dense

Coordinates (WGS84) are spatially estimated using aerial imagery



LOG OF TEST PIT STG3-TP04

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.001

Client : Simon Zhang
Date : 04.02.2026
Max Test Pit Depth : 2.6 m
Digger Type/Size : Bucket Auger
Bucket Type/Size : 600

Shear Vane No : 3556
Logged By : MC
Reviewed By : HB
Latitude : -41.1089652
Longitude : 175.0731992

Depth (m BGL)	Material	Excavatability (Relative Scale)		USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer					
		Easier	Harder									Blows per 100mm					
	TS			ML	[TOPSOIL] SILT with some sand some rootlets and trace gravel; dark brown. Low plasticity. Sand is fine to coarse; gravel is fine to coarse, angular, strong to very strong, moderately to slightly weathered, Greywacke sandstone.					F							
0.5					Gravelly fine to coarse SAND with minor silt; grey with brown mottling. Well graded. Gravel is fine to coarse, angular to sub-rounded, moderately strong to strong, highly to moderately weathered, Greywacke sandstone.					L to MD							
1.0	DEBRIS FLOW MATERIAL								M								
1.5				SW													
2.0					2 m - becomes orangey brown with trace silt.				S								
2.5																	
					Depth of Excavation: 2.6 m Termination Condition: Target depth												
3.0																	

GEOTECH TEST PIT LOG TP LOGS GPJ NZ MASTER DATA TEMPLATE GDT 13/3/26

Ground water encountered at 1.4m.

TS = TOPSOIL, M = Moist, S = Saturated

F = Firm, L = Loose, D = Dense, MD = Medium Dense, VD = Very Dense

Coordinates (WGS84) are spatially estimated using aerial imagery

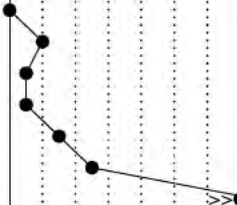


LOG OF TEST PIT STG3-TP05

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.001

Client : Simon Zhang
Date : 04.02.2026
Max Test Pit Depth : 2.5 m
Digger Type/Size : Bucket Auger
Bucket Type/Size : 600

Shear Vane No : 3556
Logged By : MC
Reviewed By : HB
Latitude : -41.1091926
Longitude : 175.0737628

Depth (m BGL)	Material	Excavatability (Relative Scale)		USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer												
		Easier	Harder									Blows per 100mm												
	TS			ML	[TOPSOIL] SILT with some sand and some rootlets; dark brown. Low plasticity. Sand is fine to coarse.					F														
0.5	FD			SW	Silty fine to medium SAND with trace rootlets; brownish grey. Well graded.				S	L														
1.0	PLEISTOCENE ALLUVIUM			GW	Cobbly fine to coarse GRAVEL with some sand and minor silt; brownish grey. Well graded. Gravel and cobbles are sub-rounded to rounded, very strong to extremely strong, slightly weathered to unweathered, Greywacke sandstone, maximum cobbles size 450mm; sand is fine to coarse.				W	MD to VD														
1.5					1.4 m - becomes bluish grey with trace silt.																			
2.0								M																
2.5	Depth of Excavation: 2.5 m Termination Condition: Target depth																							
3.0																								

Ground water not encountered.

TS = TOPSOIL, FD = FAN DEPOSITS, M = Moist, W = Wet, S = Saturated

F = Firm, L = Loose, MD = Medium Dense, VD = Very Dense

Coordinates (WGS84) are spatially estimated using aerial imagery



LOG OF TEST PIT STG3-TP06

Geotechnical Investigation
10 Cannon Point Road
Totara Park, Upper Hutt
16998.000.001

Client : Simon Zhang
Date : 04.02.2026
Max Test Pit Depth : 2.7 m
Digger Type/Size : Bucket Auger
Bucket Type/Size : 600

Shear Vane No : 3556
Logged By : MC
Reviewed By : HB
Latitude : -41.108523
Longitude : 175.0748598

Depth (m BGL)	Material	Excavatability (Relative Scale)	USCS Symbol	DESCRIPTION	Graphic Symbol	Elevation (mRL)	Water Level	Moisture Cond.	Consistency/ Density Index	Shear Vane Peak/Remolded (kPa)	Scala Penetrometer Blows per 100mm
		Easier	Harder								2 4 6 8 10 12
0.5	FAN DEPOSITS		SW	Silty fine to medium SAND; brown with orange mottling. Well graded.					L to MD		
1.0	PLEISTOCENE ALLUVIUM		GW	0.6 m - with trace gravel. Fine to coarse, sub-rounded to rounded, strong to very strong, slightly weathered to unweathered, Greywacke sandstone. Cobbly fine to coarse GRAVEL with some sand and trace silt; dark brown. Well graded. Gravel and cobbles are sub-rounded to rounded, very strong to extremely strong, slightly weathered to unweathered, Greywacke sandstone, maximum cobbles size 320mm; sand is fine to coarse.				M			
1.5									D to VD		
2.0											
2.5											
3.0				Depth of Excavation: 2.7 m Termination Condition: Target depth							

GEOTECH TEST PIT LOG TP LOGS GPJ NZ MASTER DATA TEMPLATE GDT 13/3/26

Ground water not encountered.

TS = TOPSOIL, M = Moist

L = Loose, MD = Medium Dense, D = Dense, VD = Very Dense

Coordinates (WGS84) are spatially estimated using aerial imagery



Appendix 6: Preliminary Slope Stability Analysis



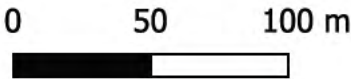
LEGEND

 Property Boundaries

Surfaces

 Contours 5.0 m

 Cross-Section Locations



Projection: NZTM 2000NZGD2000 / New Zealand Transverse Mercator 2000

Client: Simon Zhang C/o Vecta Limited

Title: Preliminary Slope Stability Cross Sections

Project: Stage 3 - Cannon Point

Drawn: KAJJ

Appendix No.

Date: 07/05/2026

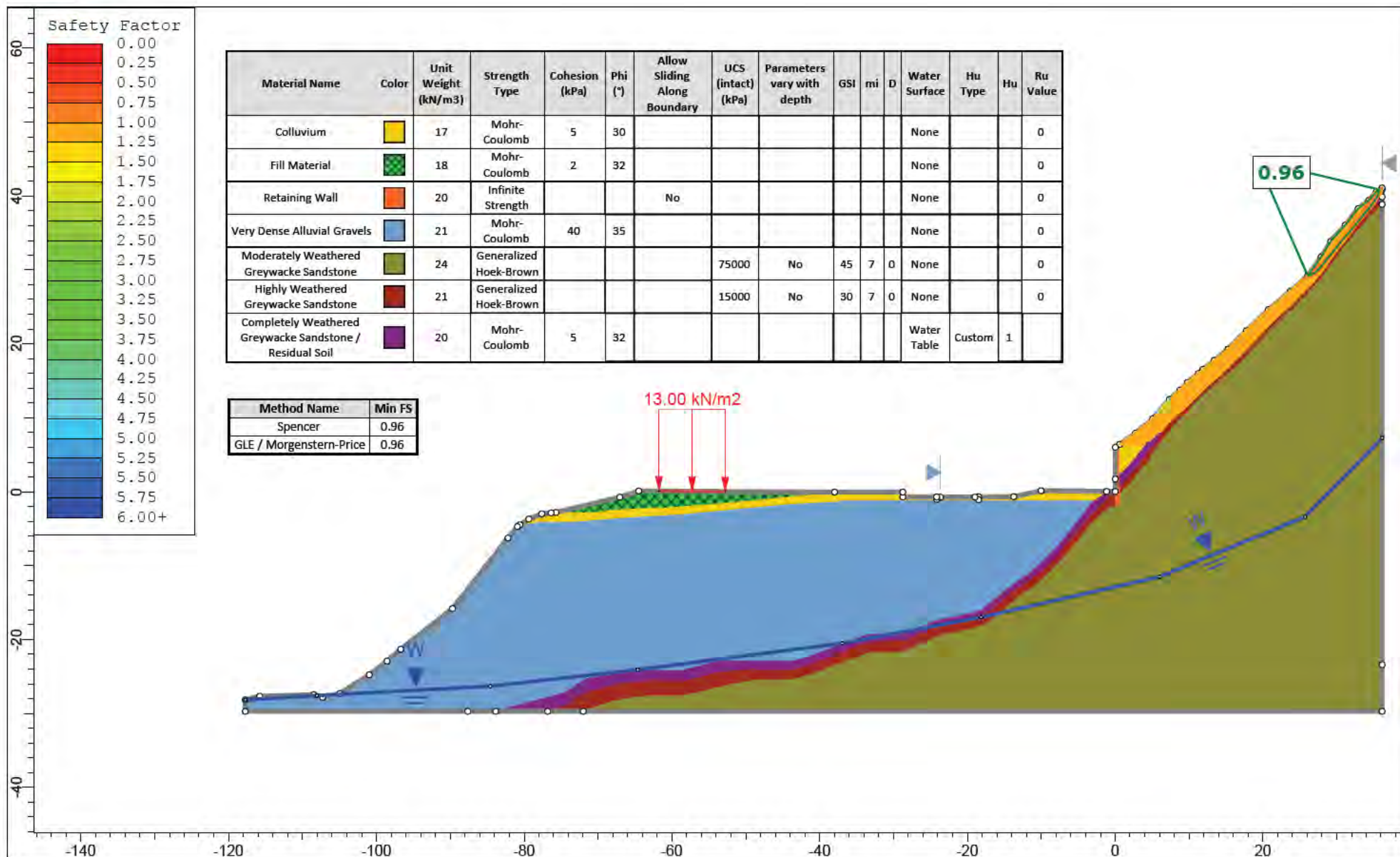
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Size: A3 Sheet

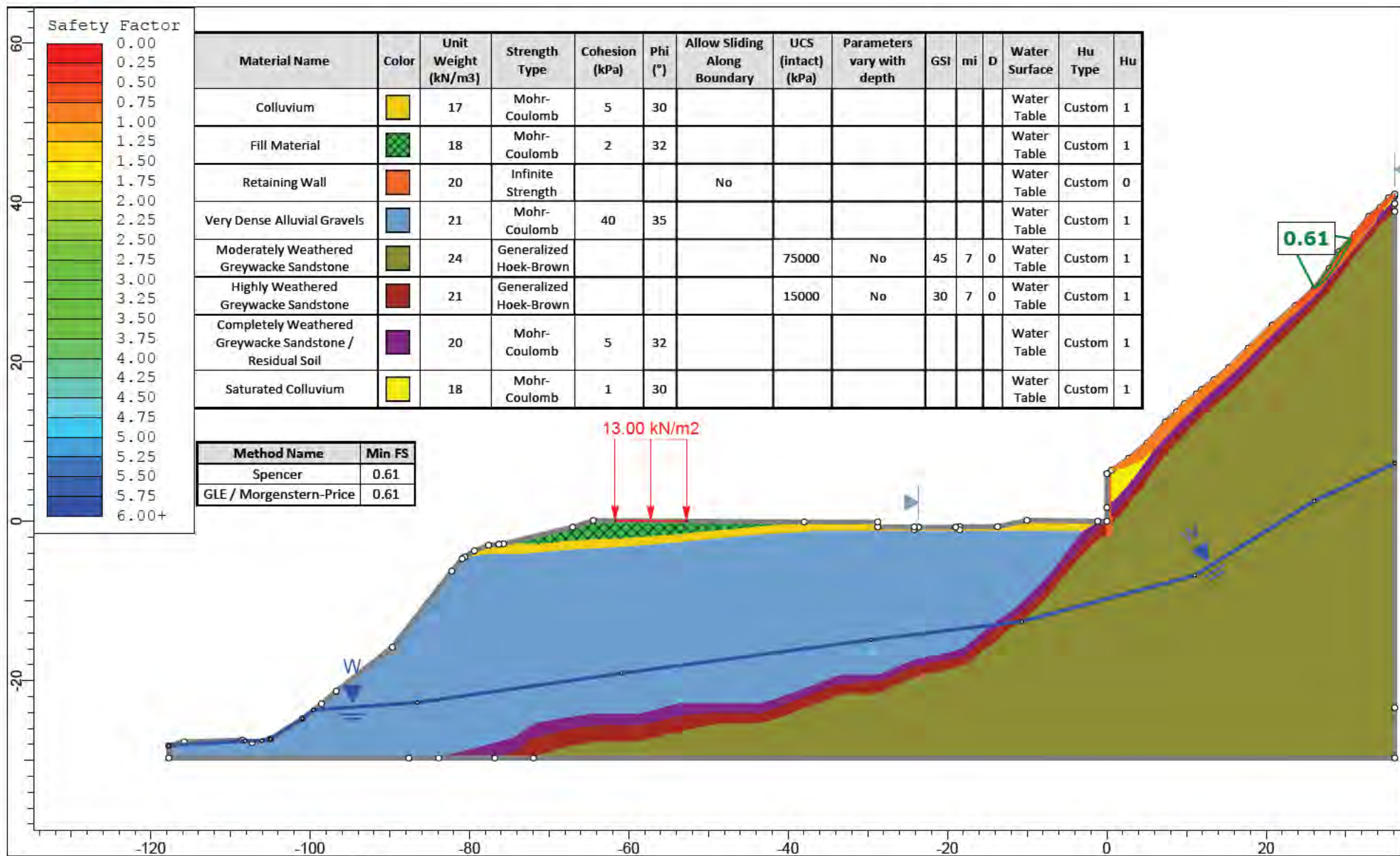
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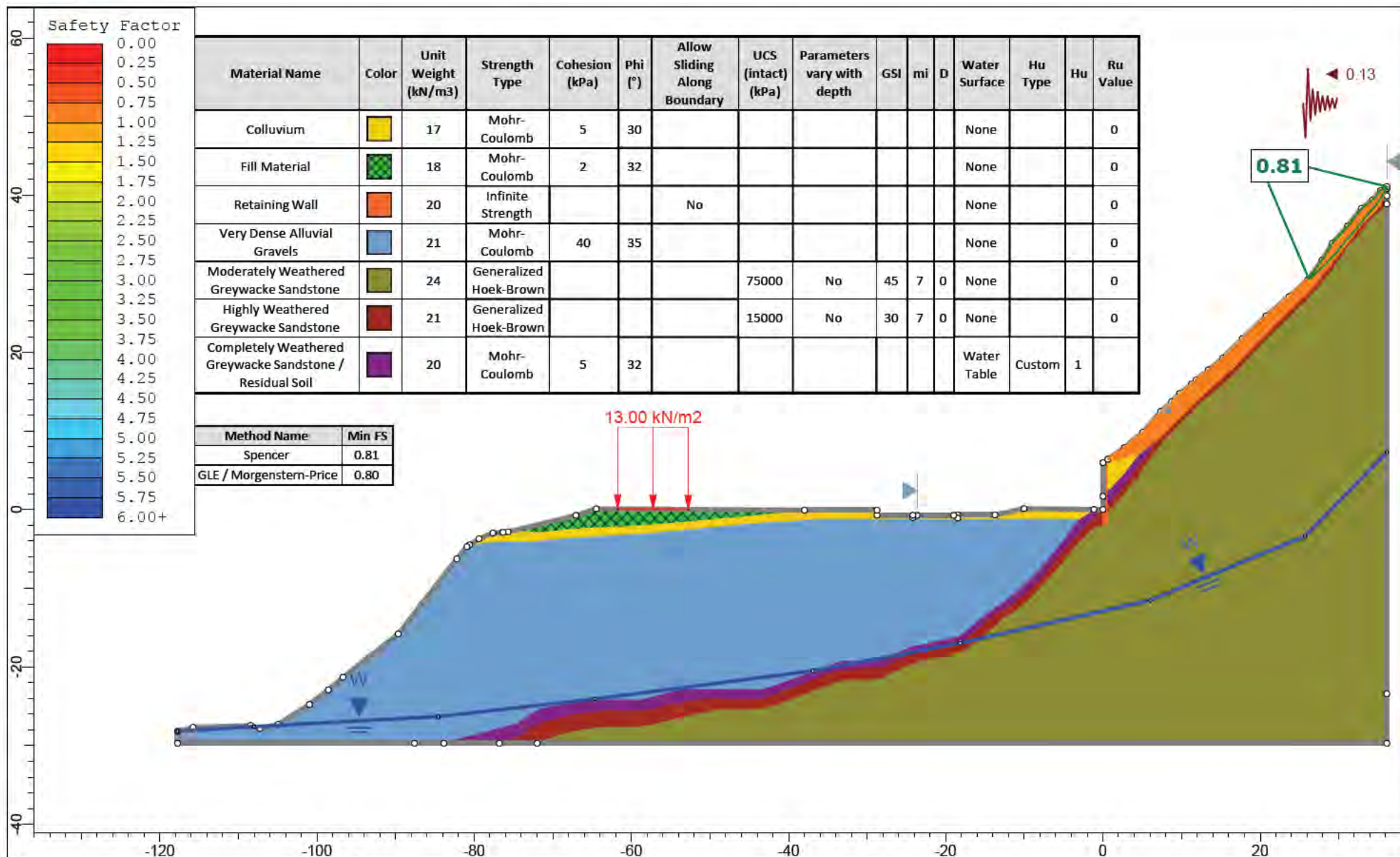
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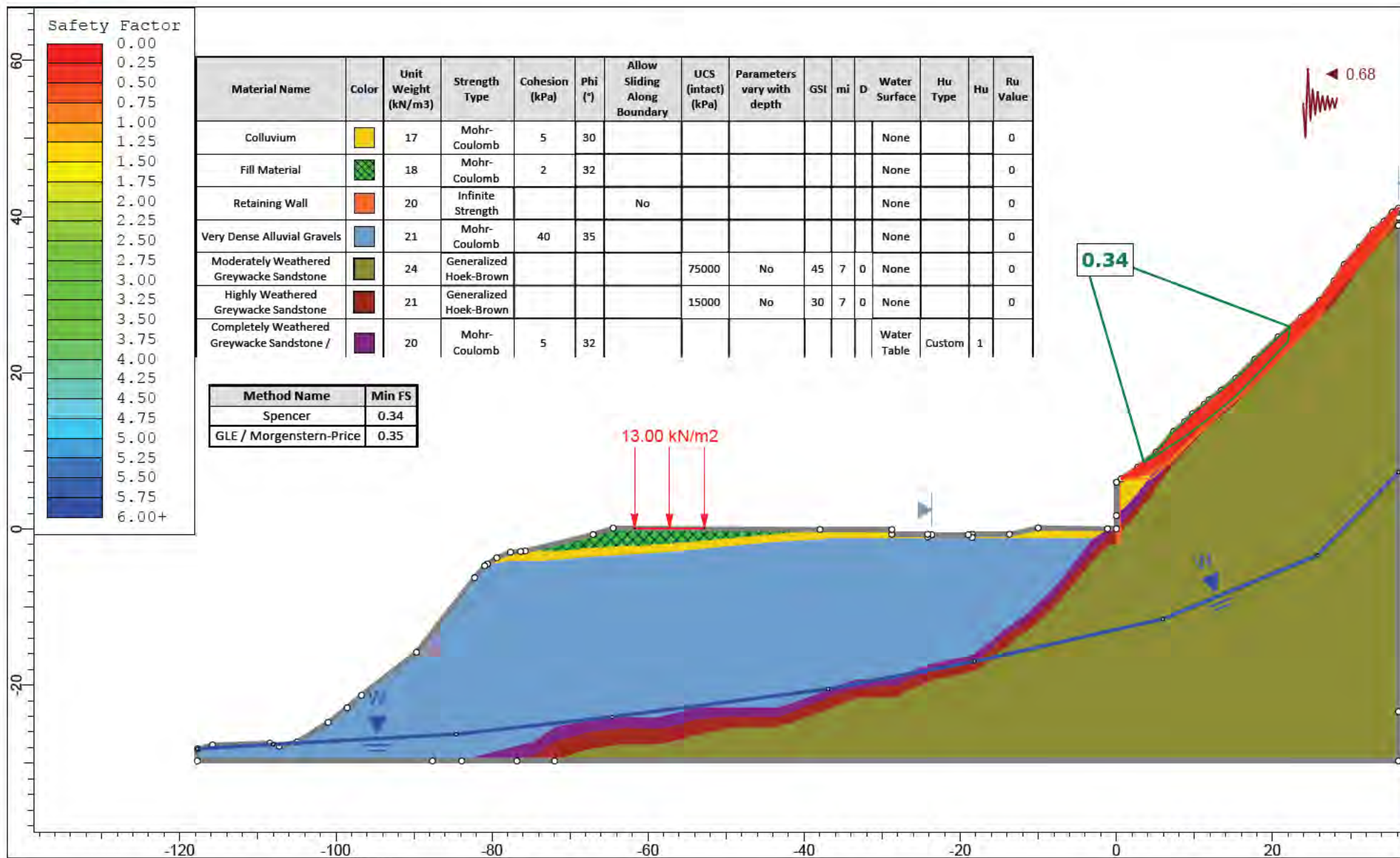
Version: 1.0



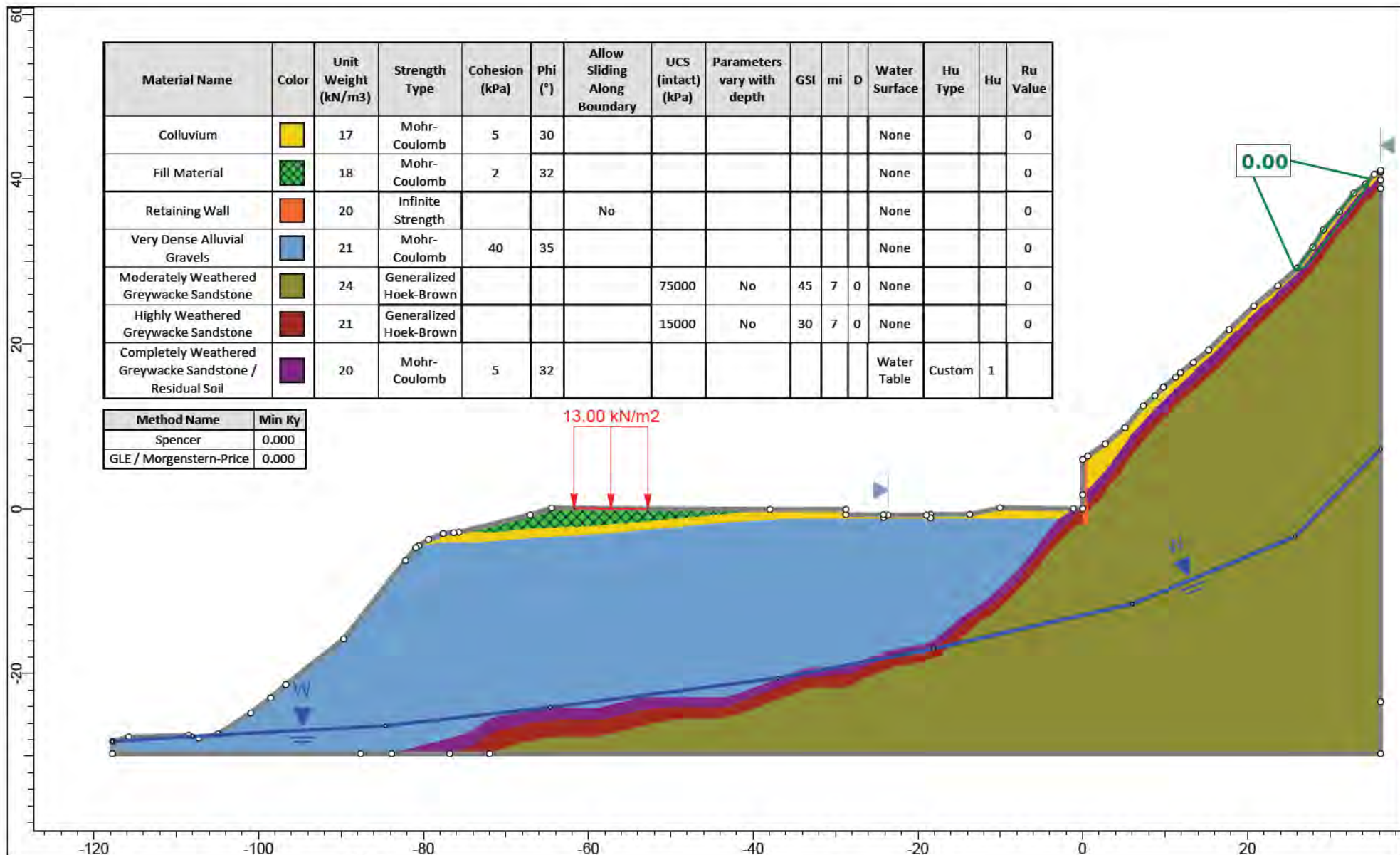
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Group	Section A-A Group Above		Scenario	Static Conditions
Drawn By			Company	
Date	24/03/2026, 8:59:34 pm		File Name	Stage-3_Slope-Stability-Section-A-C.slmd







Project			
Slide2 - An Interactive Slope Stability Program			
Group	Section A-A Group Above		Scenario
			Ultimate Limit State
Drawn By			Company
Date	24/03/2026, 8:59:34 pm		File Name
			Stage-3_Slope-Stability-Section-A-C.slmd

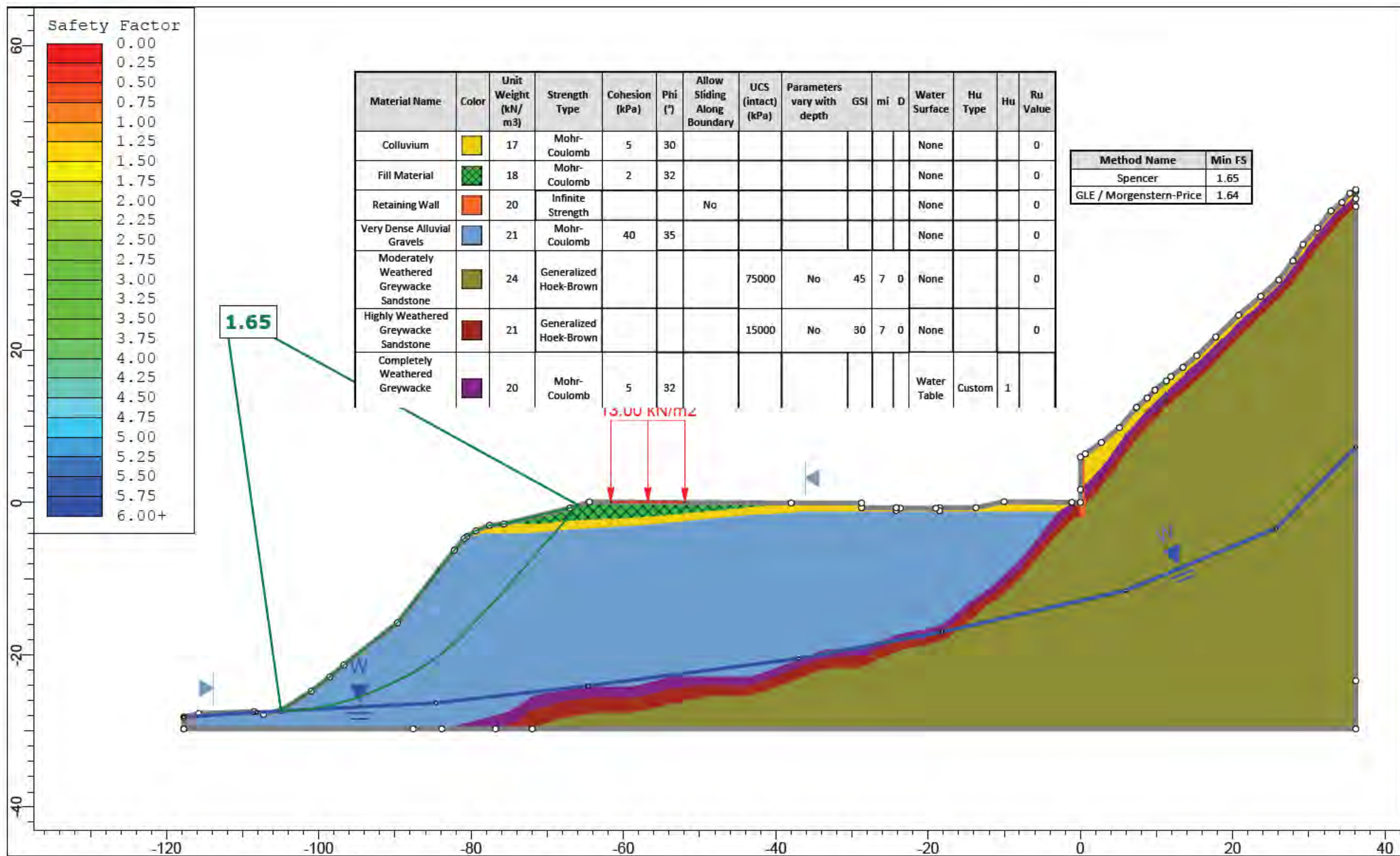


Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (°)	Allow Sliding Along Boundary	UCS (intact) (kPa)	Parameters vary with depth	GSI	mi	D	Water Surface	Hu Type	Hu	Ru Value
Colluvium		17	Mohr-Coulomb	5	30							None			0
Fill Material		18	Mohr-Coulomb	2	32							None			0
Retaining Wall		20	Infinite Strength			No						None			0
Very Dense Alluvial Gravels		21	Mohr-Coulomb	40	35							None			0
Moderately Weathered Greywacke Sandstone		24	Generalized Hoek-Brown				75000	No	45	7	0	None			0
Highly Weathered Greywacke Sandstone		21	Generalized Hoek-Brown				15000	No	30	7	0	None			0
Completely Weathered Greywacke Sandstone / Residual Soil		20	Mohr-Coulomb	5	32							Water Table	Custom	1	

Method Name	Min Ky
Spencer	0.000
GLE / Morgenstern-Price	0.000

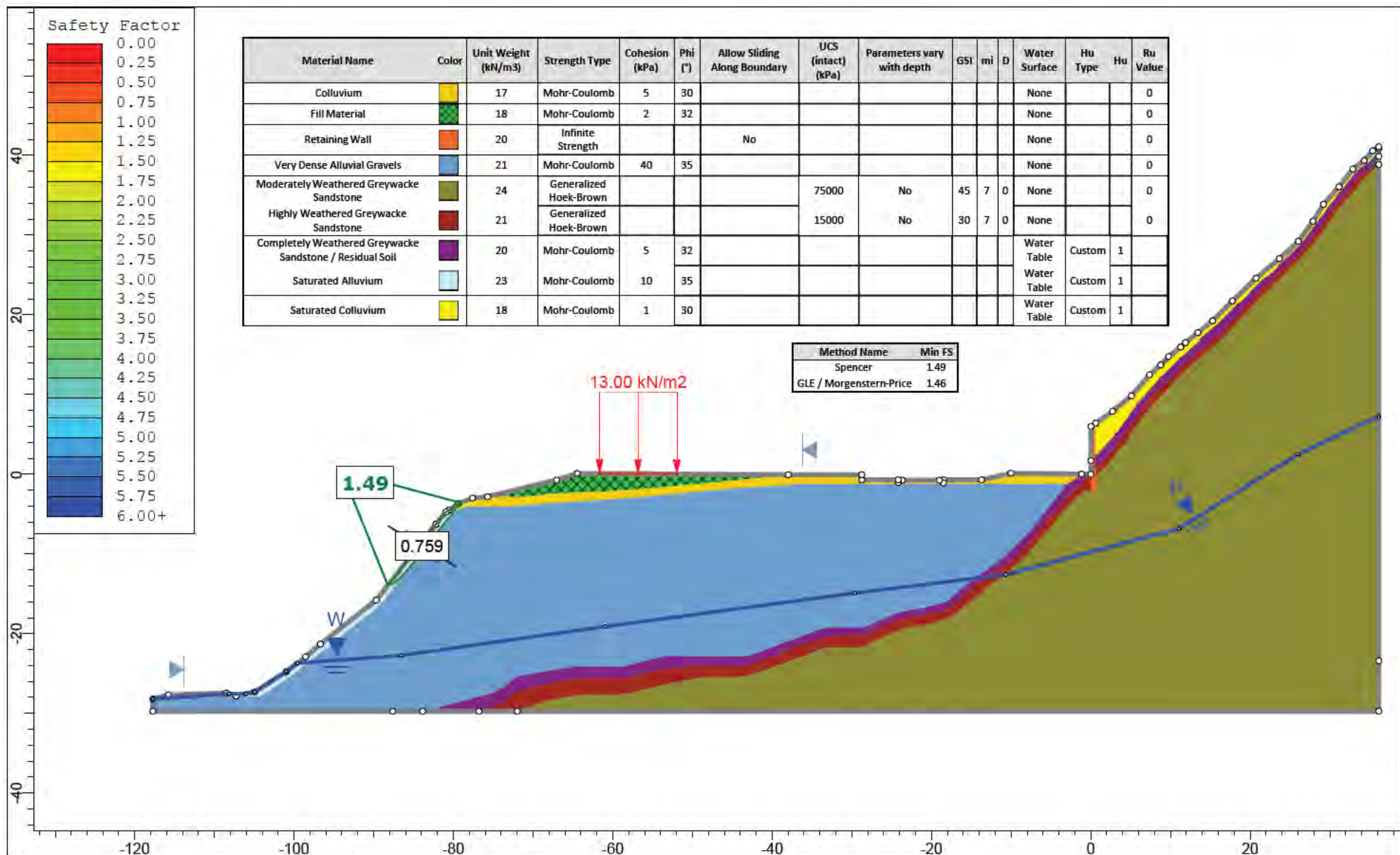


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Drawn By		Company	
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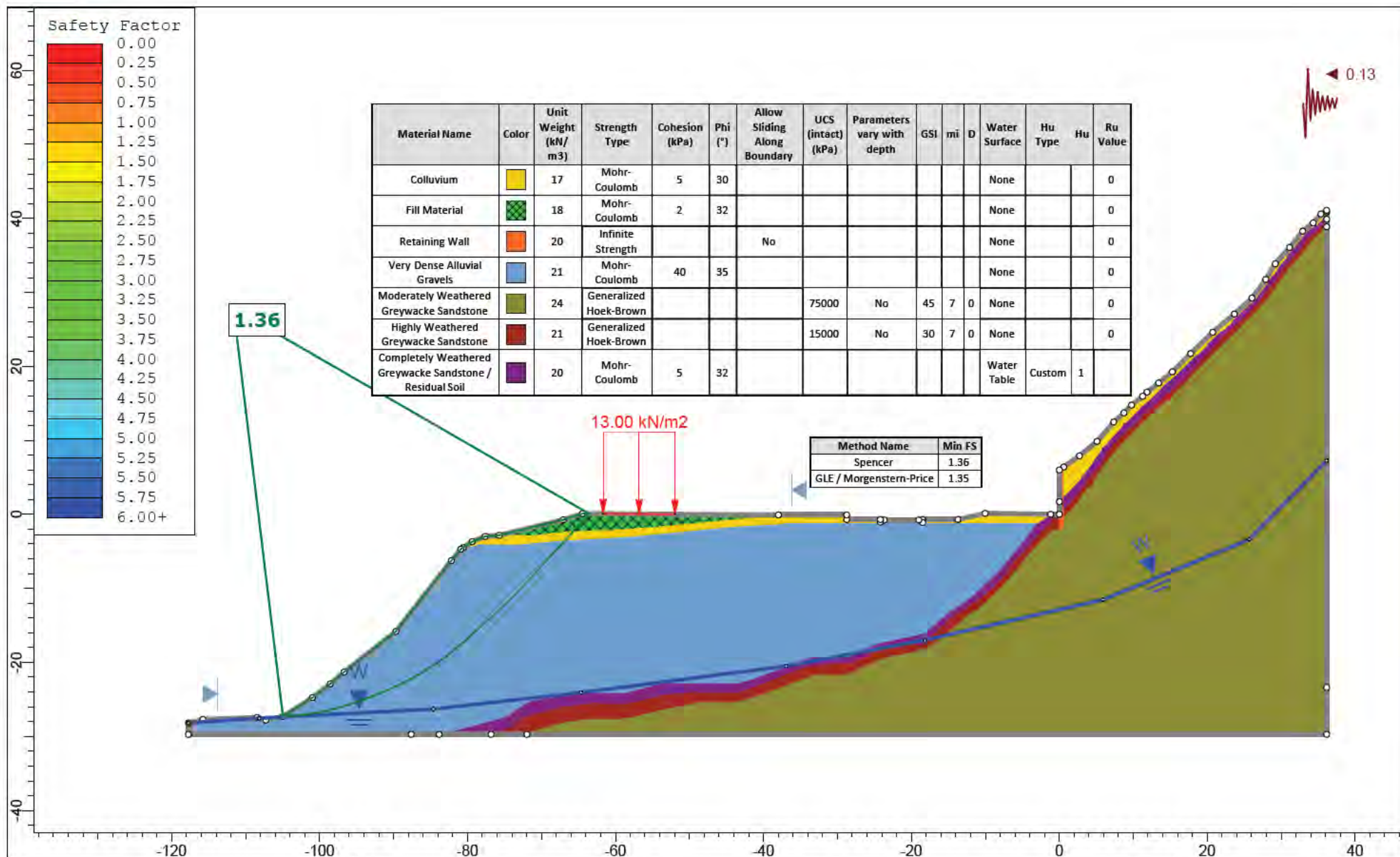


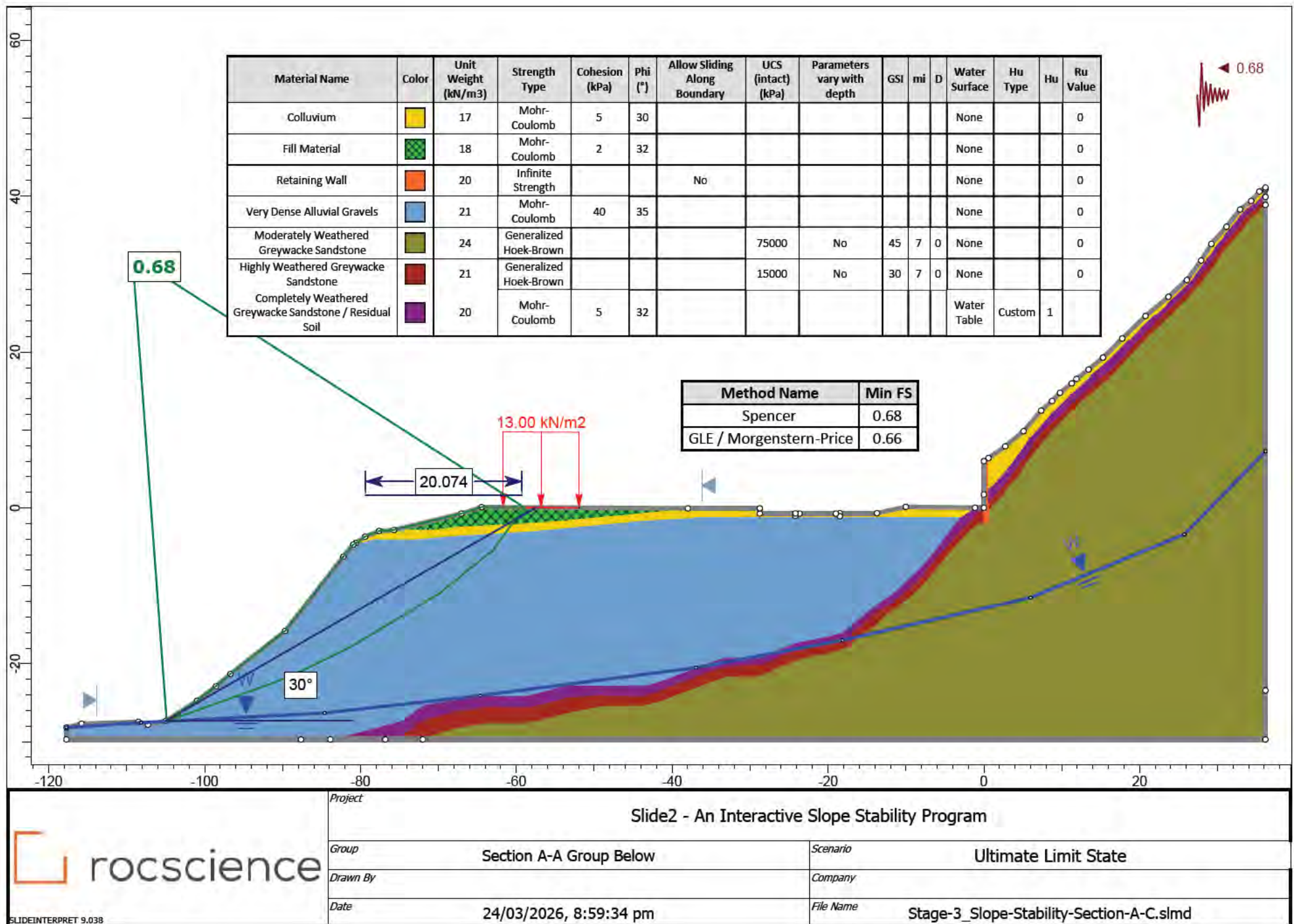
SLIDEINTERPRET 9.038

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Group	Section A-A Group Below	Scenario	Static Conditions
Drawn By		Company	
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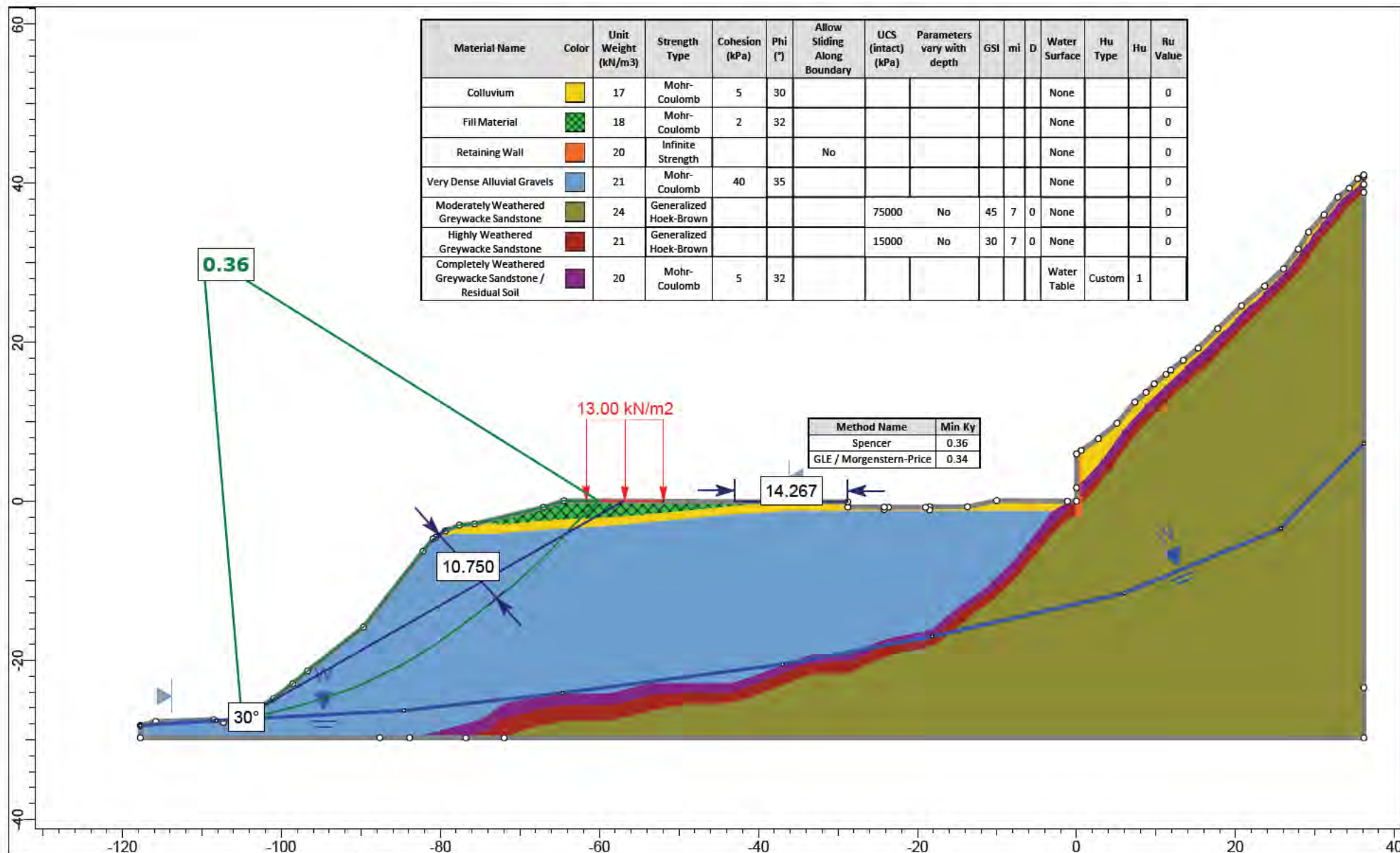


Project		Slide2 - An Interactive Slope Stability Program	
Group	Section A-A Group Below	Scenario	Raised Ground Water/Wet Front
Drawn By		Company	
Date	24/03/2026, 8:59:34 pm	File Name	Stage-3_Slope-Stability-Section-A-C.slmd

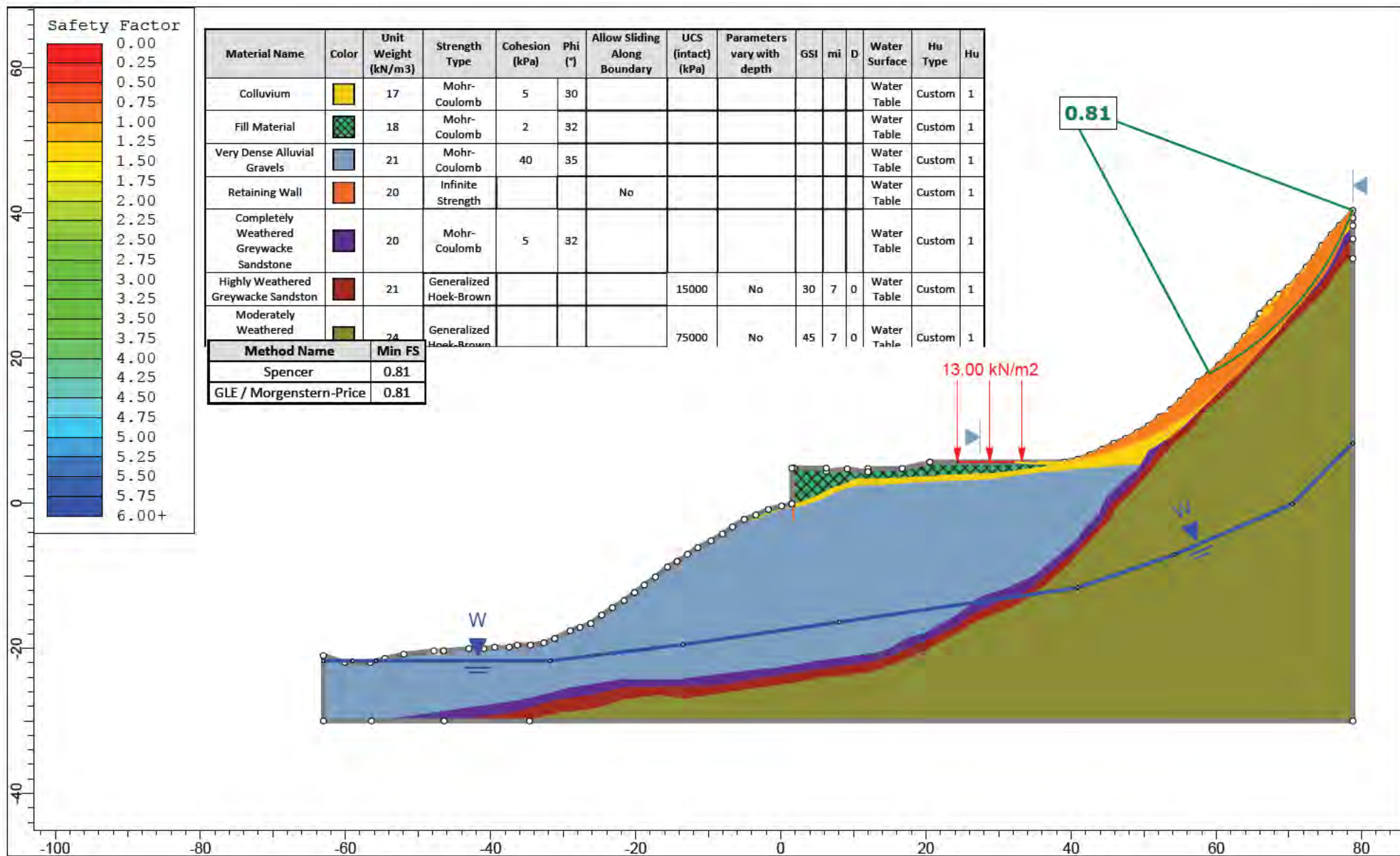




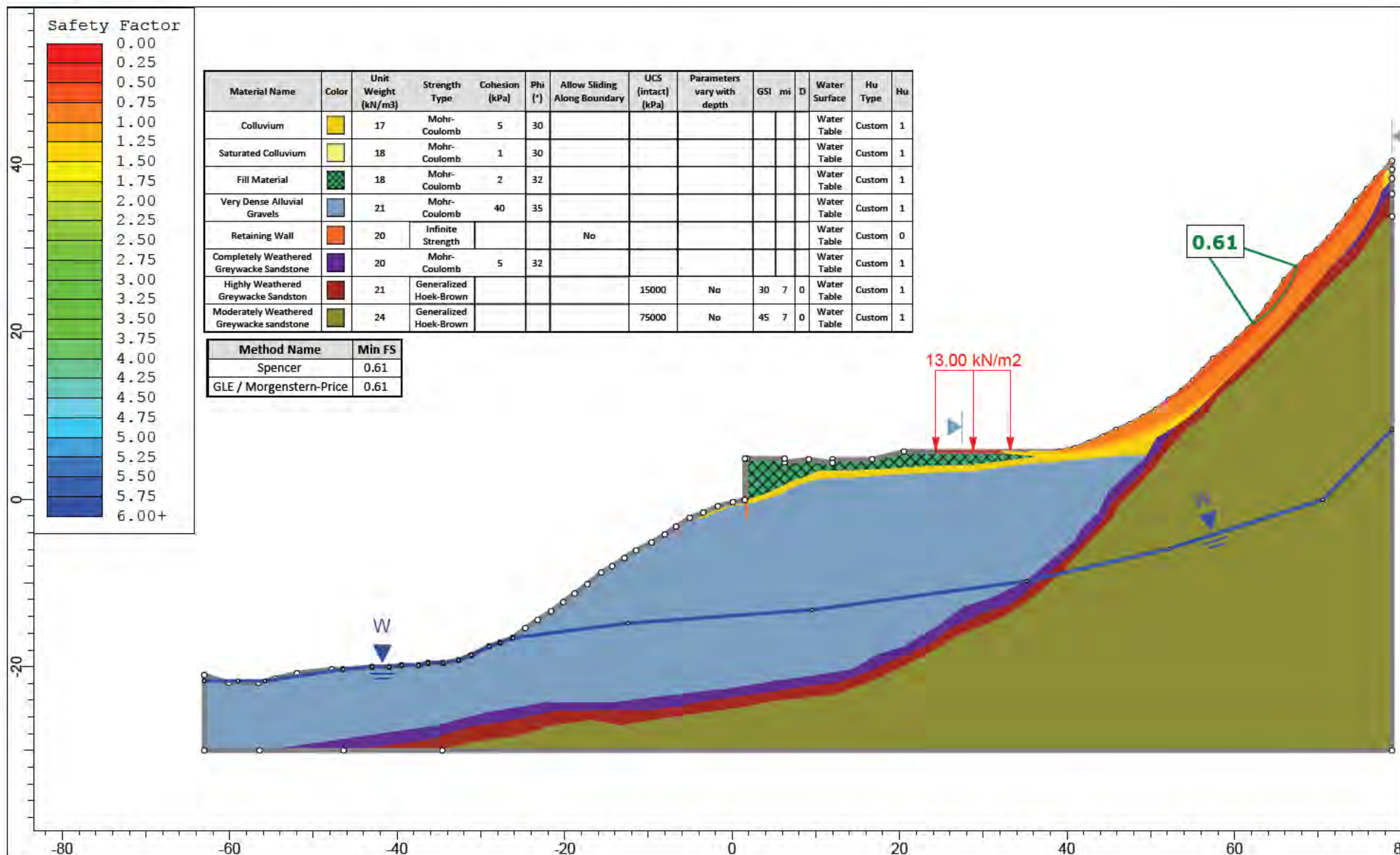
Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (°)	Allow Sliding Along Boundary	UCS (intact) (kPa)	Parameters vary with depth	GSI	mi	D	Water Surface	Hu Type	Hu	Hu Value
Colluvium		17	Mohr-Coulomb	5	30							None			0
Fill Material		18	Mohr-Coulomb	2	32							None			0
Retaining Wall		20	Infinite Strength			No						None			0
Very Dense Alluvial Gravels		21	Mohr-Coulomb	40	35							None			0
Moderately Weathered Greywacke Sandstone		24	Generalized Hoek-Brown				75000	No	45	7	0	None			0
Highly Weathered Greywacke Sandstone		21	Generalized Hoek-Brown				15000	No	30	7	0	None			0
Completely Weathered Greywacke Sandstone / Residual Soil		20	Mohr-Coulomb	5	32							Water Table	Custom	1	

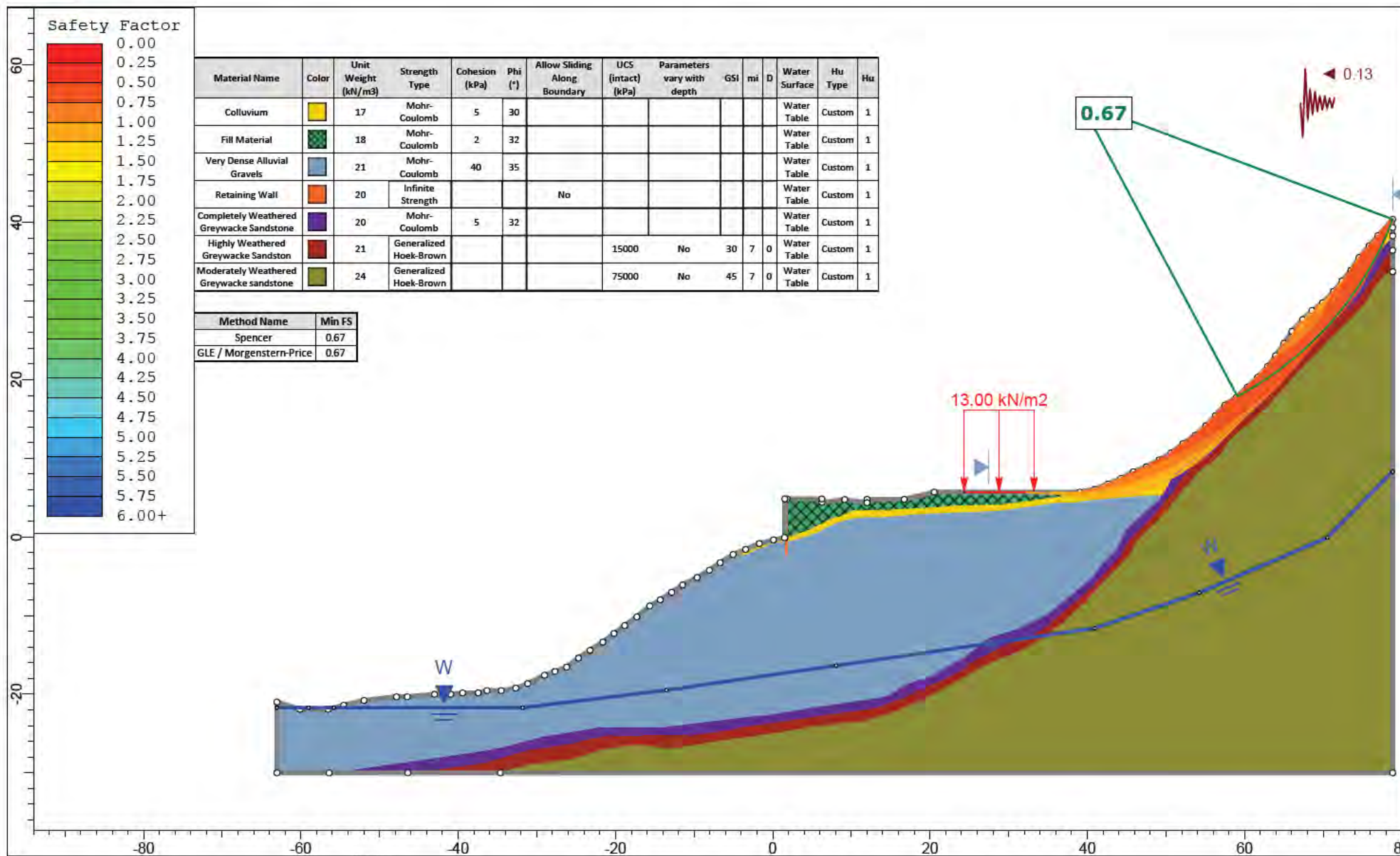


Project		Slide2 - An Interactive Slope Stability Program	
Group	Section A-A Group Below	Scenario	Yield Acceleration
Drawn By		Company	
Date	24/03/2026, 8:59:34 pm	File Name	Stage-3_Slope-Stability-Section-A-C.slmd

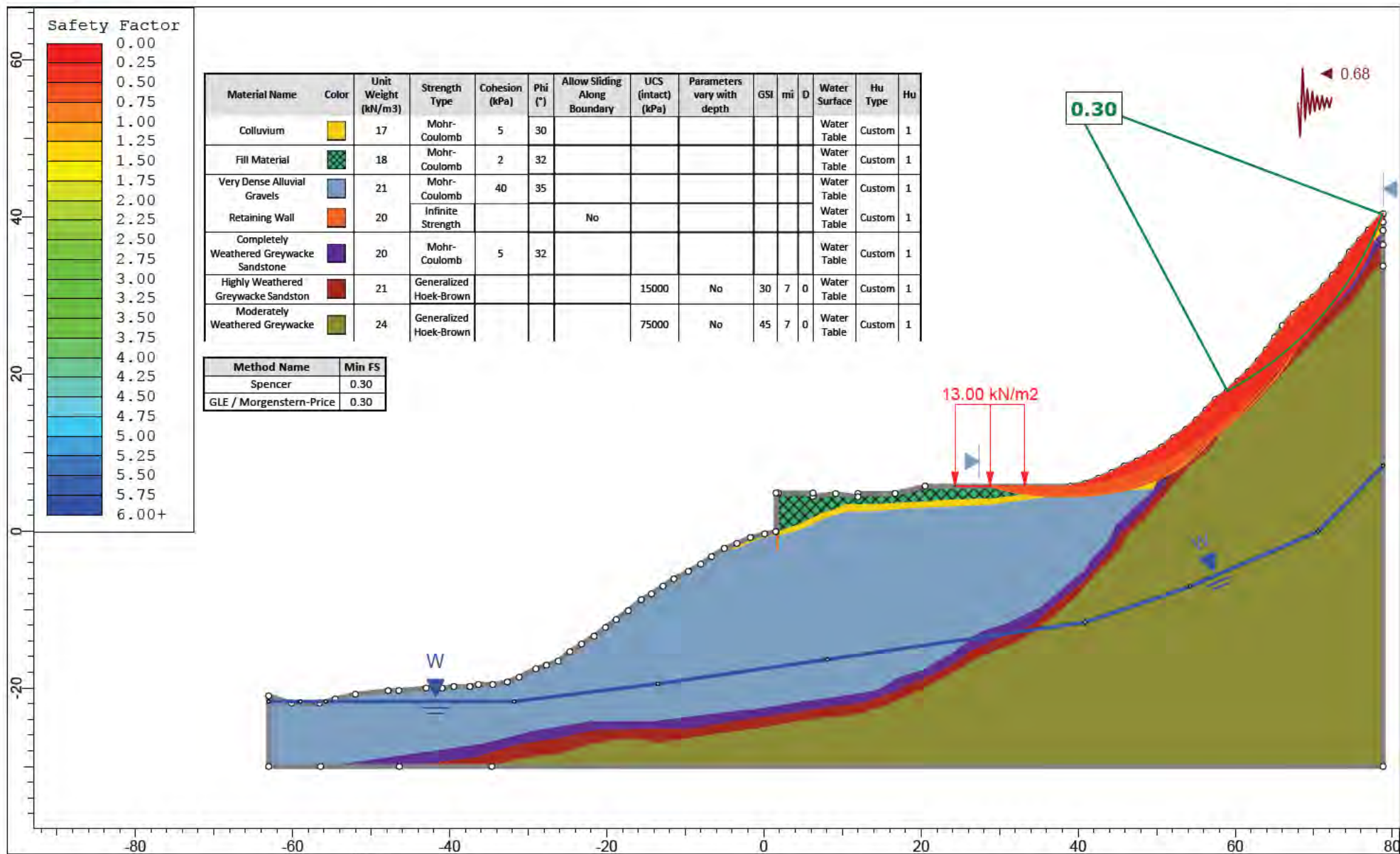


Project			
Slide2 - An Interactive Slope Stability Program			
Group	Section B-B' Slope Above Site		Scenario
			Static Conditions
Drawn By			Company
Date	26/03/2026, 2:15:02 pm		File Name
			Stage-3_Slope-Stability-Section-B-D.slmd

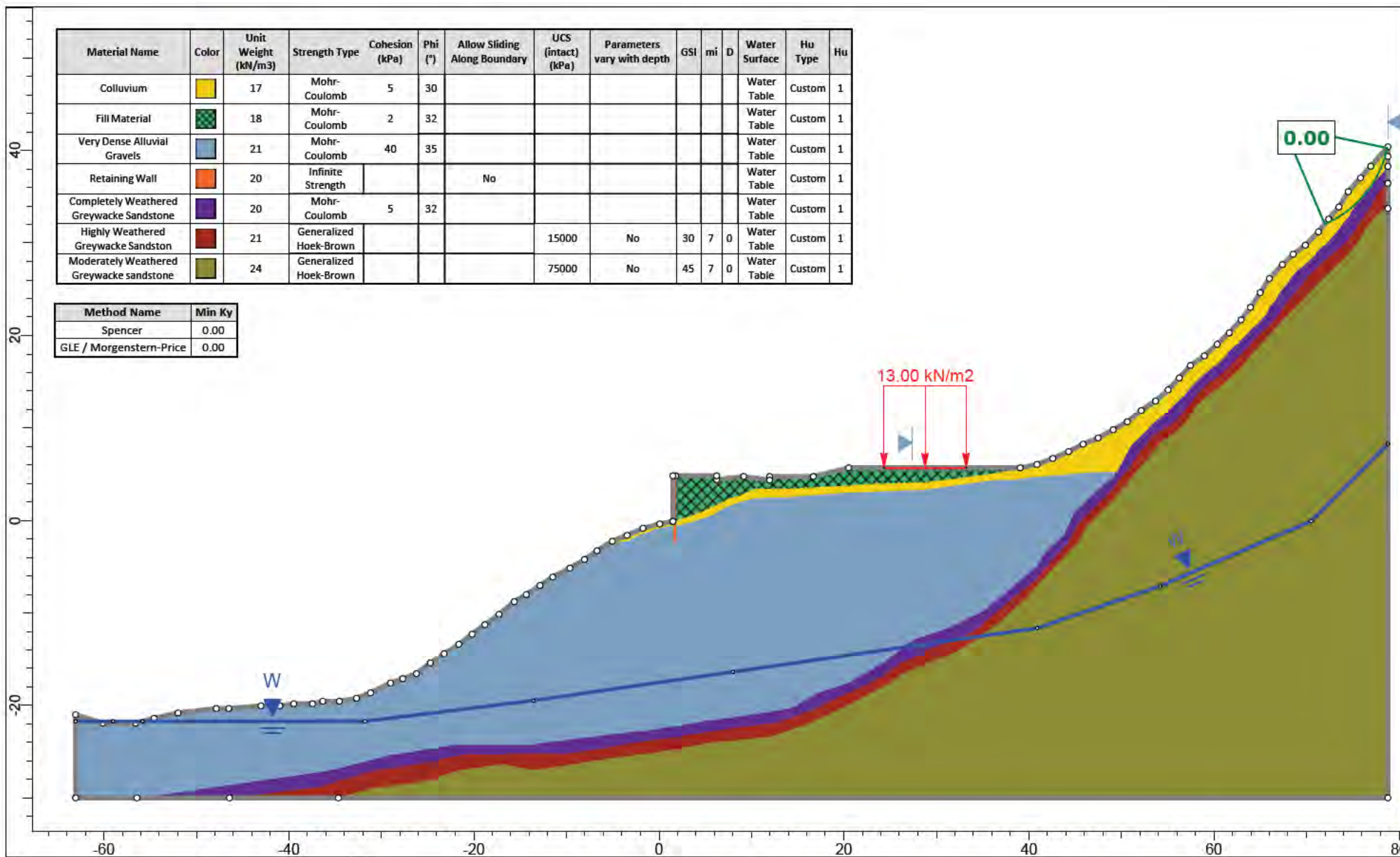


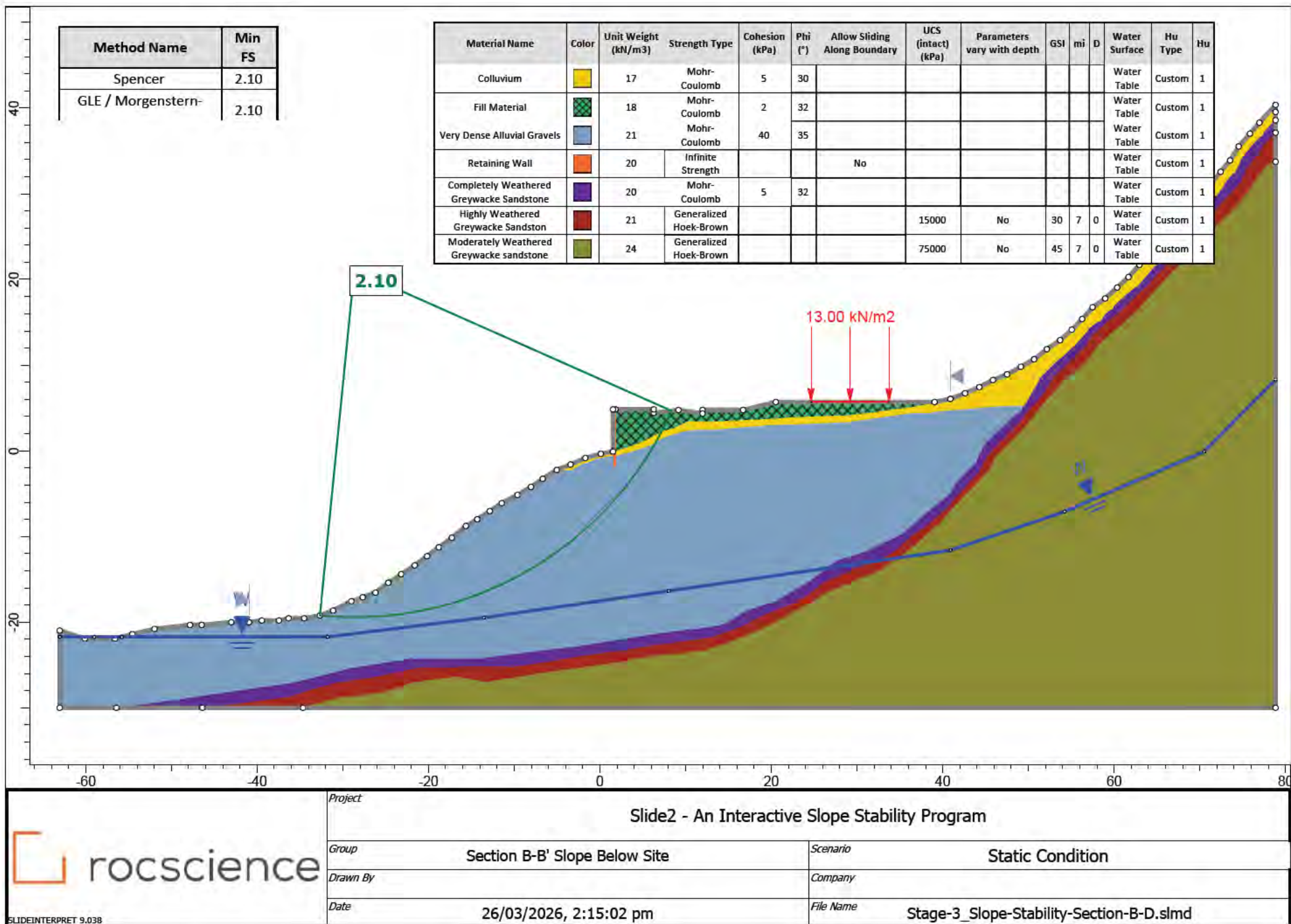


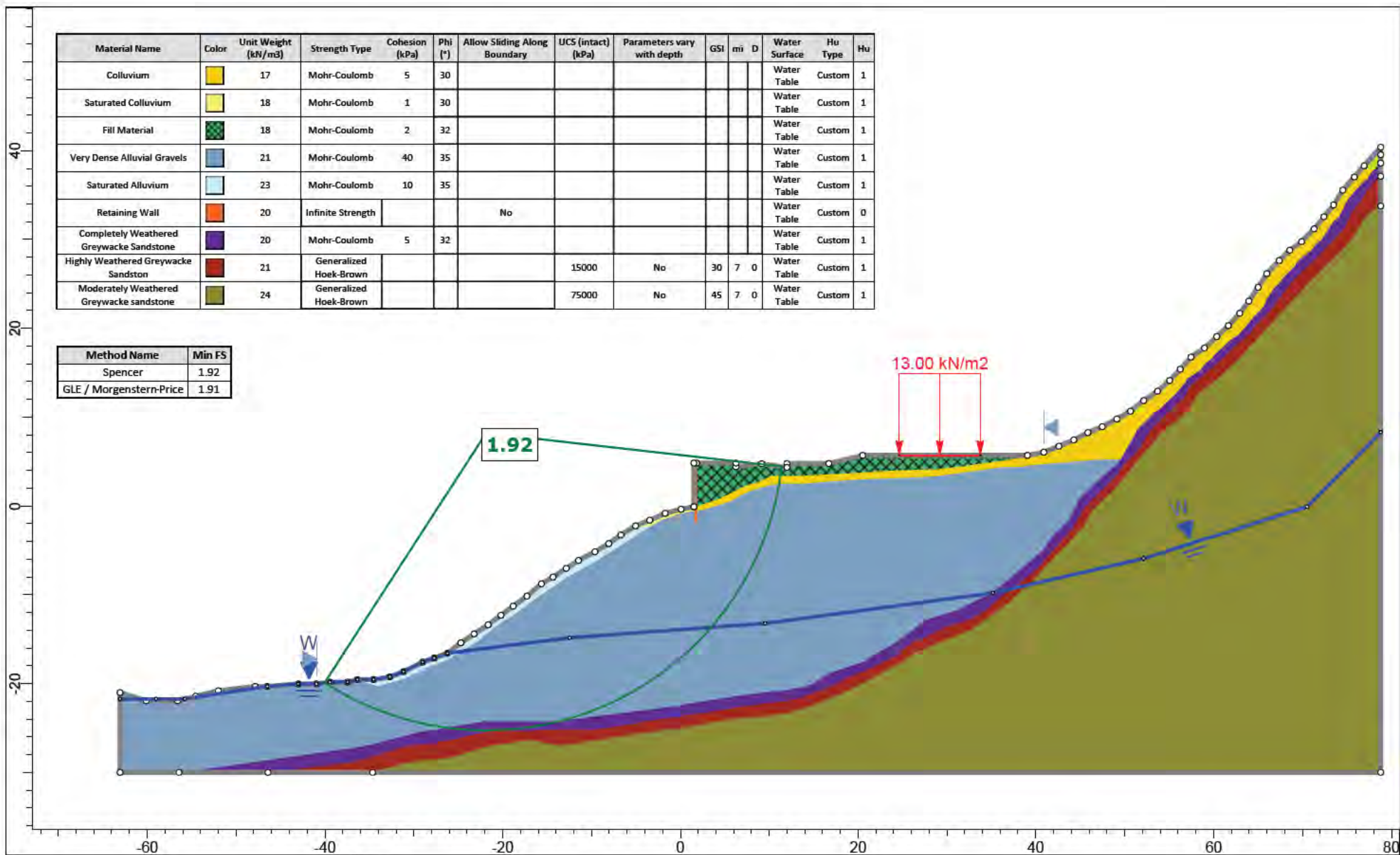
Project			
Slide2 - An Interactive Slope Stability Program			
Group	Section B-B' Slope Above Site		Scenario
			Serviceability Limit State
Drawn By			Company
Date	26/03/2026, 2:15:02 pm		File Name
			Stage-3_Slope-Stability-Section-B-D.slmd



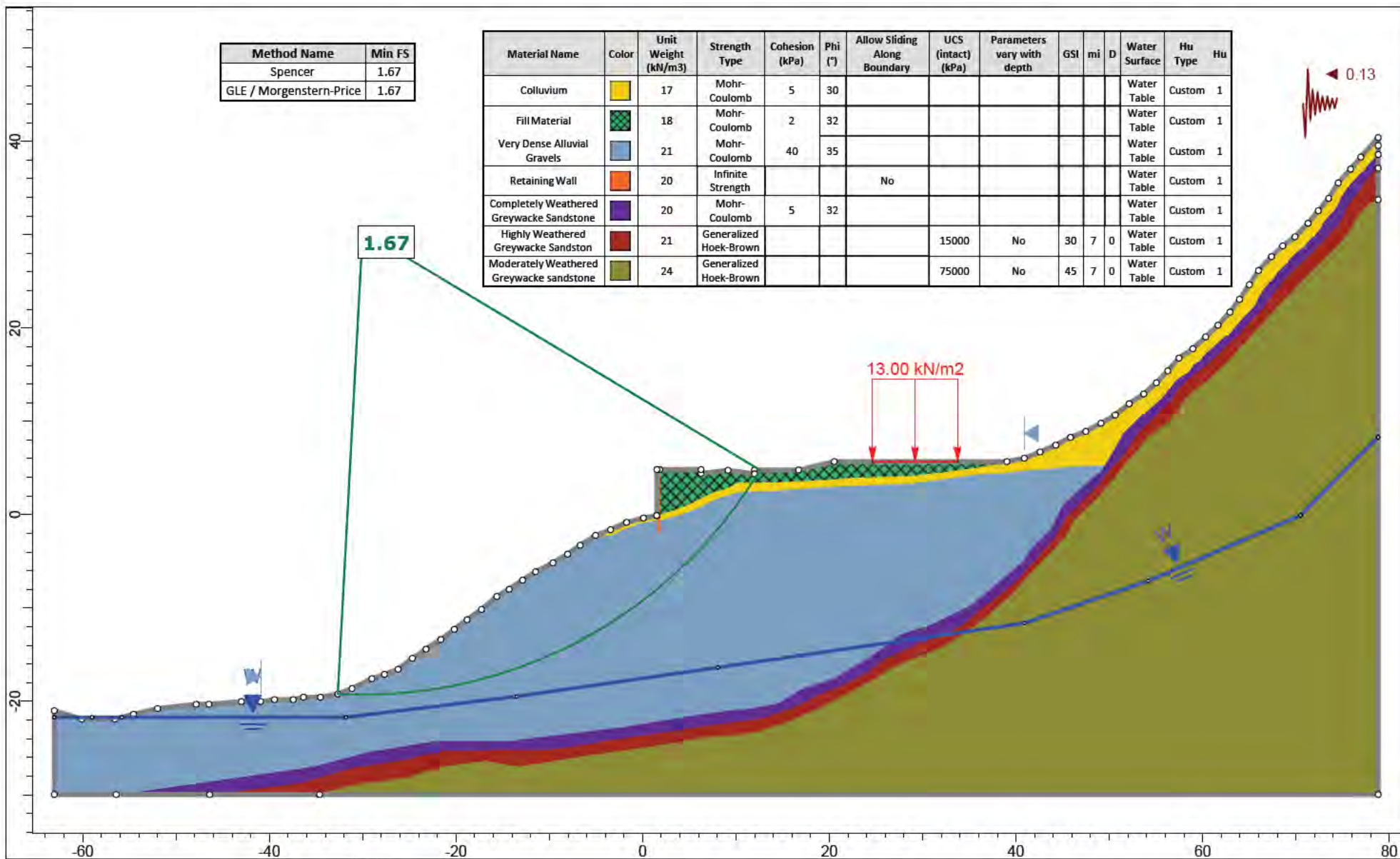
Project			
Slide2 - An Interactive Slope Stability Program			
Group	Section B-B' Slope Above Site		Scenario
			Ultimate Limit State
Drawn By			Company
Date	26/03/2026, 2:15:02 pm		File Name
			Stage-3_Slope-Stability-Section-B-D.slmd







	Project			Slide2 - An Interactive Slope Stability Program	
	Group		Section B-B' Slope Below Site		Scenario
					Raised Groundwater/Wet Front
	Drawn By				Company
Date		26/03/2026, 2:15:02 pm		File Name	
				Stage-3_Slope-Stability-Section-B-D.slmd	

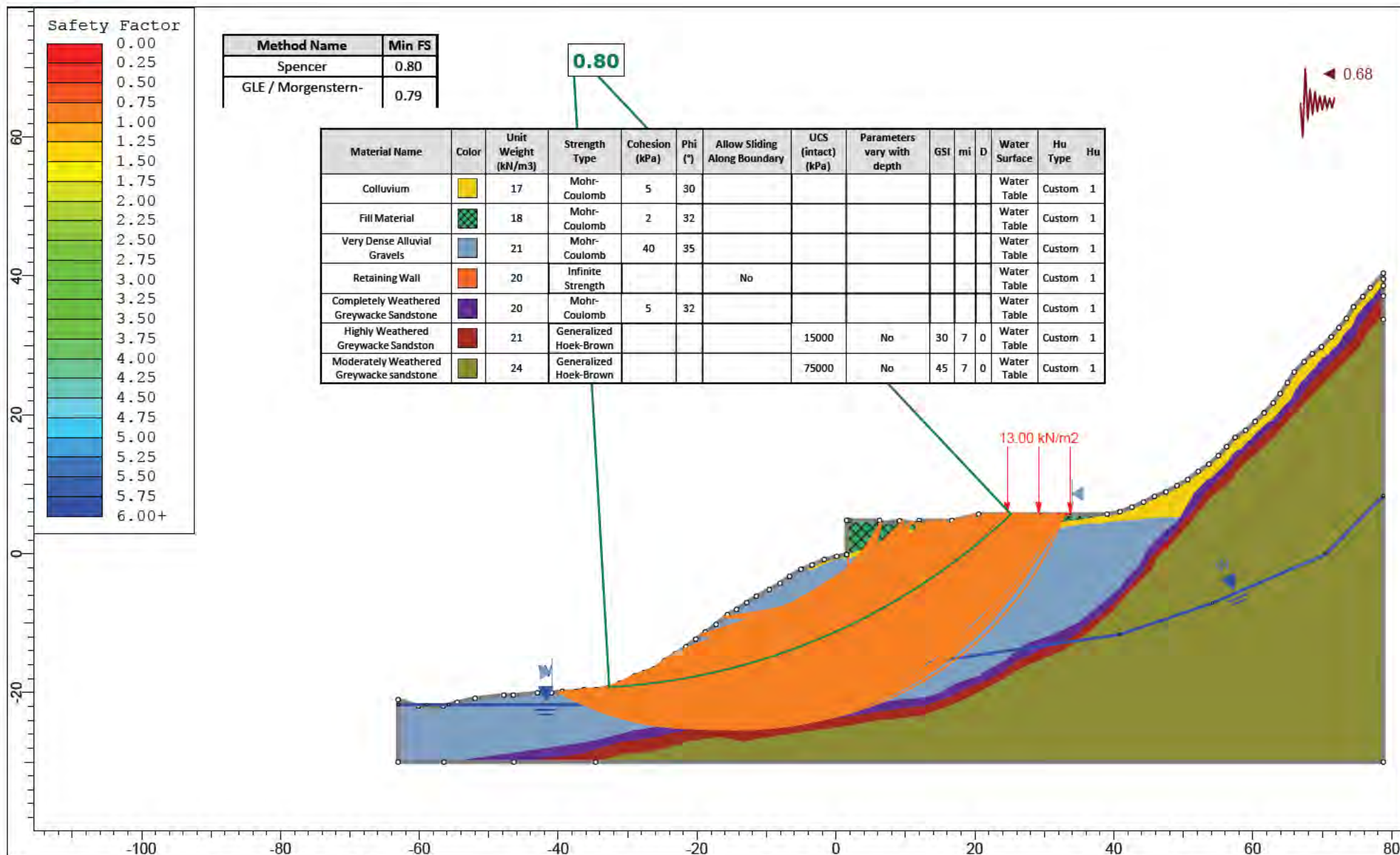


Method Name	Min FS
Spencer	1.67
GLE / Morgenstern-Price	1.67

Material Name	Color	Unit Weight (kN/m³)	Strength Type	Cohesion (kPa)	Phi (°)	Allow Sliding Along Boundary	UCS (intact) (kPa)	Parameters vary with depth	GSI	mi	D	Water Surface	Hu Type	Hu
Colluvium	Yellow	17	Mohr-Coulomb	5	30							Water Table	Custom	1
Fill Material	Green checkered	18	Mohr-Coulomb	2	32							Water Table	Custom	1
Very Dense Alluvial Gravels	Blue	21	Mohr-Coulomb	40	35							Water Table	Custom	1
Retaining Wall	Orange	20	Infinite Strength			No						Water Table	Custom	1
Completely Weathered Greywacke Sandstone	Purple	20	Mohr-Coulomb	5	32							Water Table	Custom	1
Highly Weathered Greywacke Sandstone	Red	21	Generalized Hoek-Brown				15000	No	30	7	0	Water Table	Custom	1
Moderately Weathered Greywacke sandstone	Green	24	Generalized Hoek-Brown				75000	No	45	7	0	Water Table	Custom	1



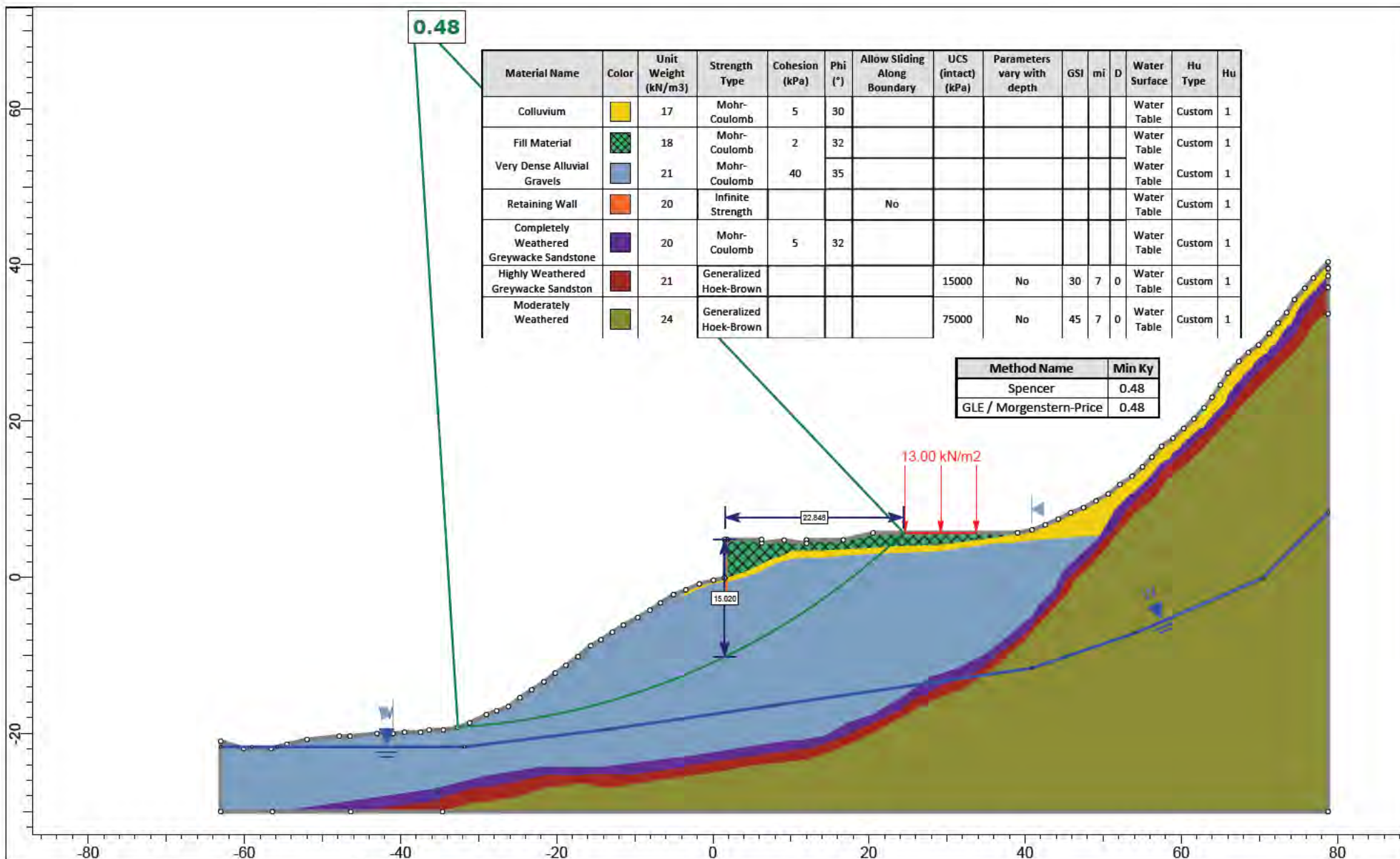
Project	Slide2 - An Interactive Slope Stability Program			
Group	Section B-B' Slope Below Site		Scenario	Serviceability Limit State
Drawn By			Company	
Date	26/03/2026, 2:15:02 pm		File Name	Stage-3_Slope-Stability-Section-B-D.slmd



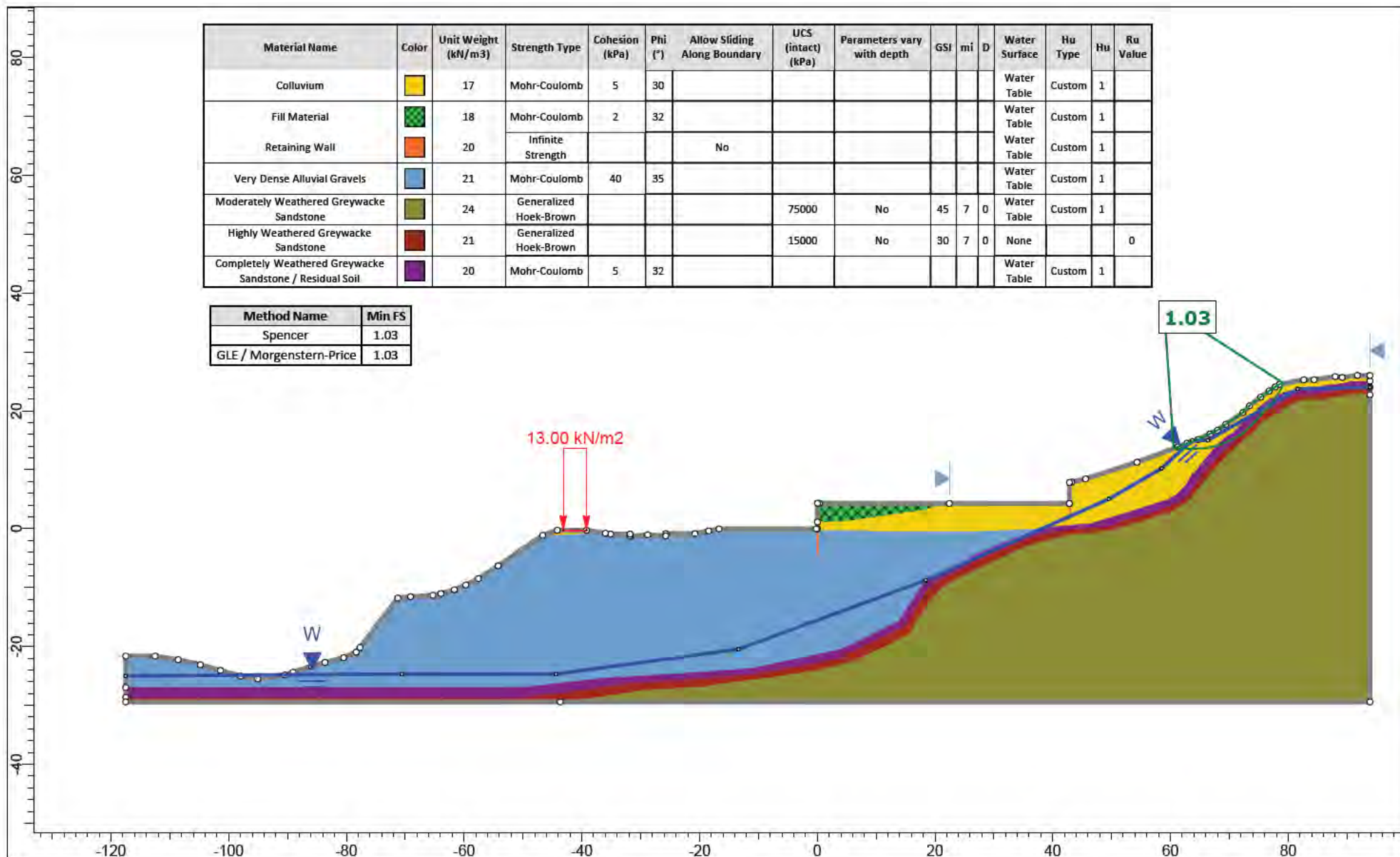
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Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (°)	Allow Sliding Along Boundary	UCS (intact) (kPa)	Parameters vary with depth	GSI	mi	D	Water Surface	Hu Type	Hu
Colluvium		17	Mohr-Coulomb	5	30							Water Table	Custom	1
Fill Material		18	Mohr-Coulomb	2	32							Water Table	Custom	1
Very Dense Alluvial Gravels		21	Mohr-Coulomb	40	35							Water Table	Custom	1
Retaining Wall		20	Infinite Strength			No						Water Table	Custom	1
Completely Weathered Greywacke Sandstone		20	Mohr-Coulomb	5	32							Water Table	Custom	1
Highly Weathered Greywacke Sandston		21	Generalized Hoek-Brown				15000	No	30	7	0	Water Table	Custom	1
Moderately Weathered		24	Generalized Hoek-Brown				75000	No	45	7	0	Water Table	Custom	1

Method Name	Min Ky
Spencer	0.48
GLE / Morgenstern-Price	0.48



Project	Slide2 - An Interactive Slope Stability Program		
Group	Section B-B' Slope Below Site	Scenario	Yield Acceleration
Drawn By		Company	
Date	26/03/2026, 2:15:02 pm	File Name	Stage-3_Slope-Stability-Section-B-D.slmd



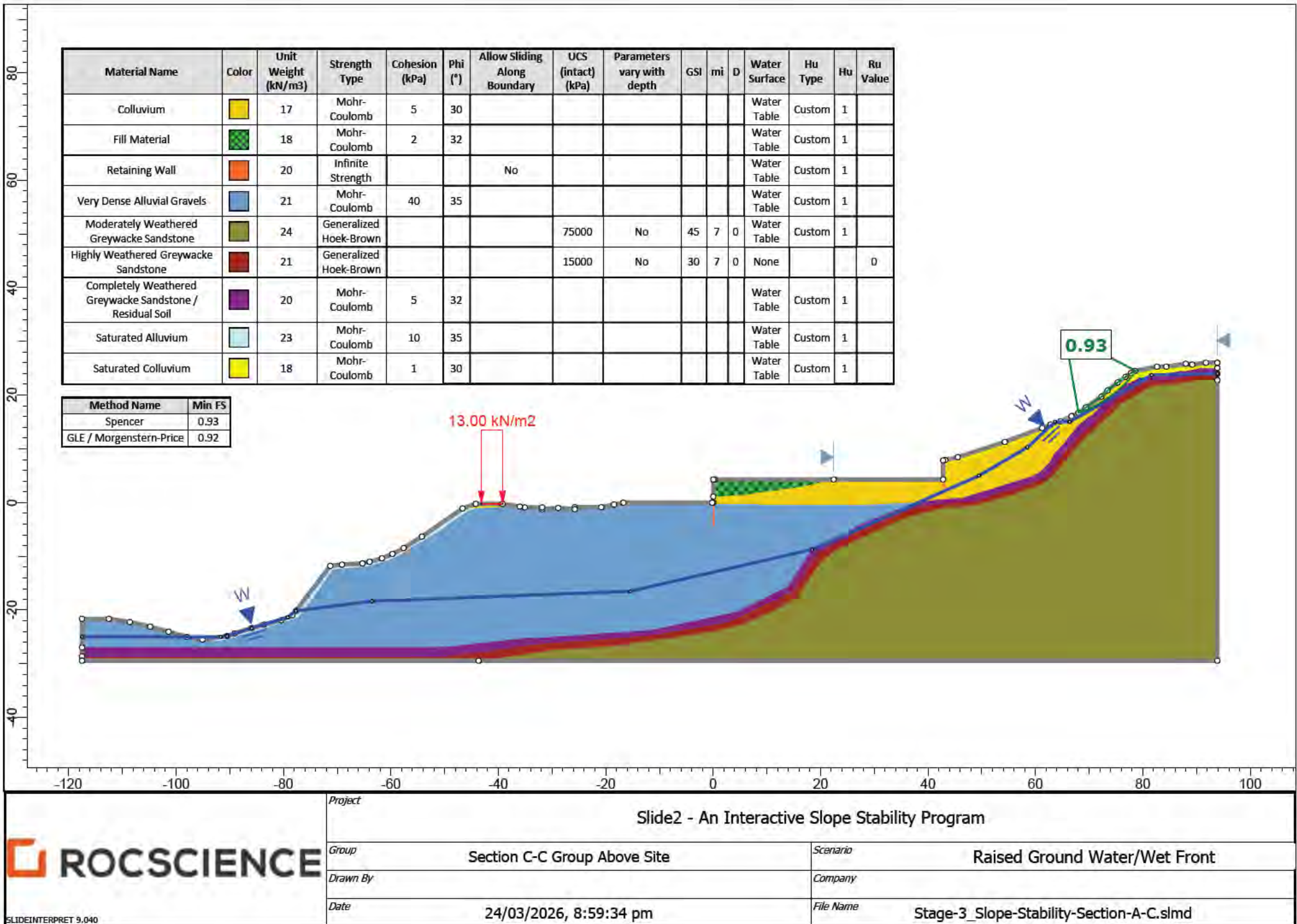
Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kPa)	Phi (°)	Allow Sliding Along Boundary	UCS (intact) (kPa)	Parameters vary with depth	GSI	mi	D	Water Surface	Hu Type	Hu	Ru Value
Colluvium		17	Mohr-Coulomb	5	30							Water Table	Custom	1	
Fill Material		18	Mohr-Coulomb	2	32							Water Table	Custom	1	
Retaining Wall		20	Infinite Strength			No						Water Table	Custom	1	
Very Dense Alluvial Gravels		21	Mohr-Coulomb	40	35							Water Table	Custom	1	
Moderately Weathered Greywacke Sandstone		24	Generalized Hoek-Brown				75000	No	45	7	0	Water Table	Custom	1	
Highly Weathered Greywacke Sandstone		21	Generalized Hoek-Brown				15000	No	30	7	0	None			0
Completely Weathered Greywacke Sandstone / Residual Soil		20	Mohr-Coulomb	5	32							Water Table	Custom	1	

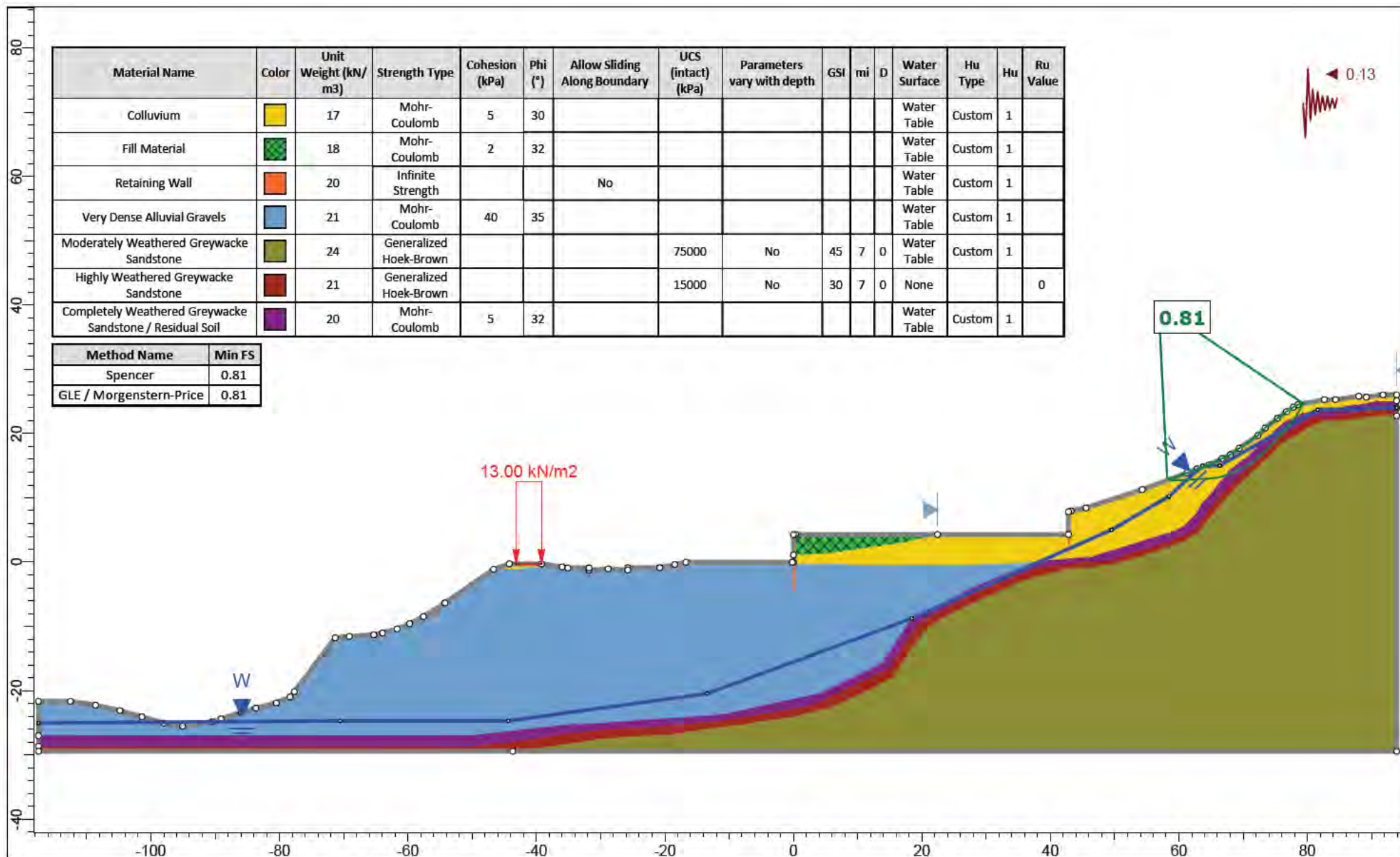
Method Name	Min FS
Spencer	1.03
GLE / Morgenstern-Price	1.03



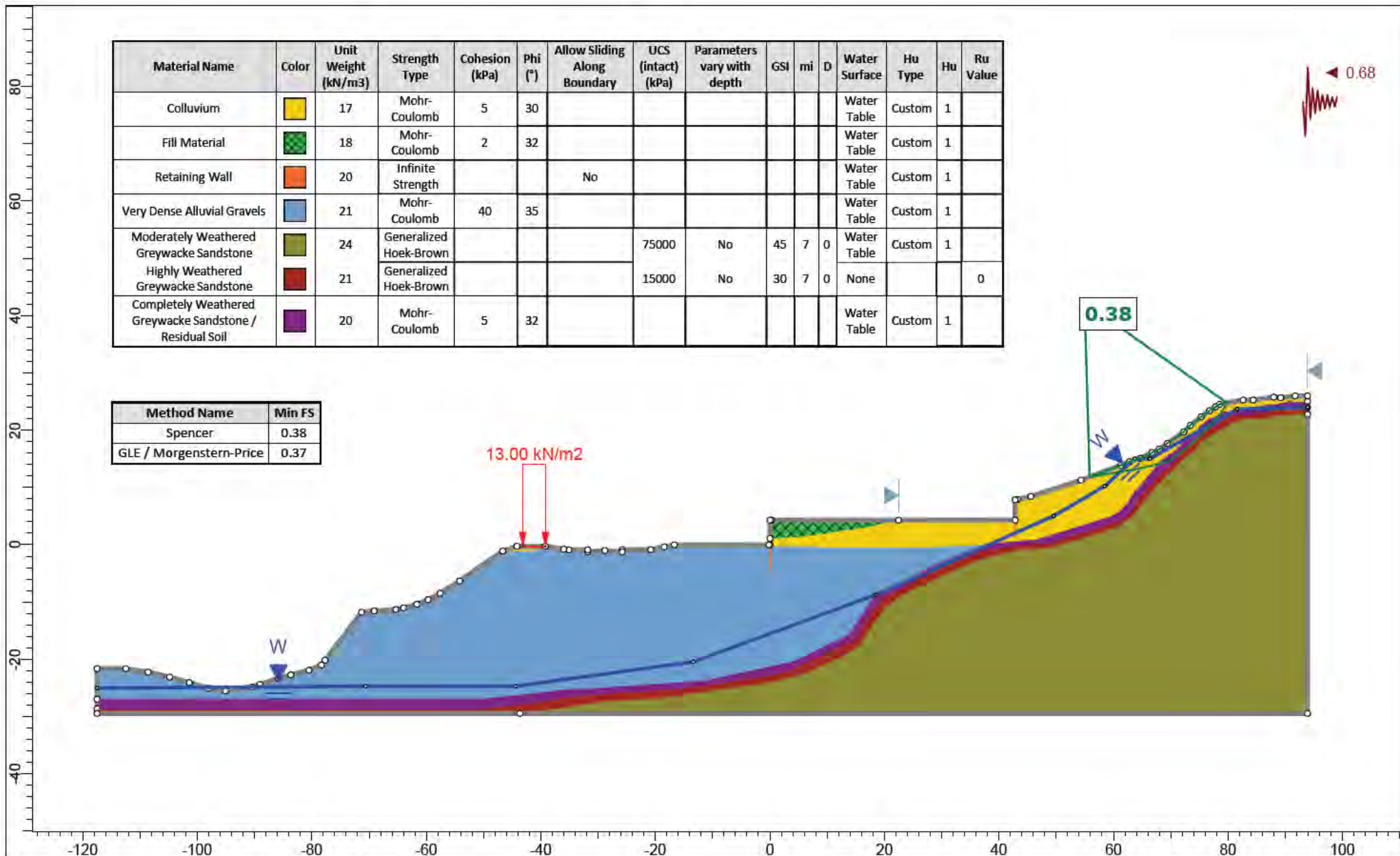
SLIDEINTERPRET 9.038

Project		Slide2 - An Interactive Slope Stability Program	
Group	Section C-C Group Above Site	Scenario	Static Conditions
Drawn By		Company	
Date	24/03/2026, 8:59:34 pm	File Name	Stage-3_Slope-Stability-Section-A-C.slmd

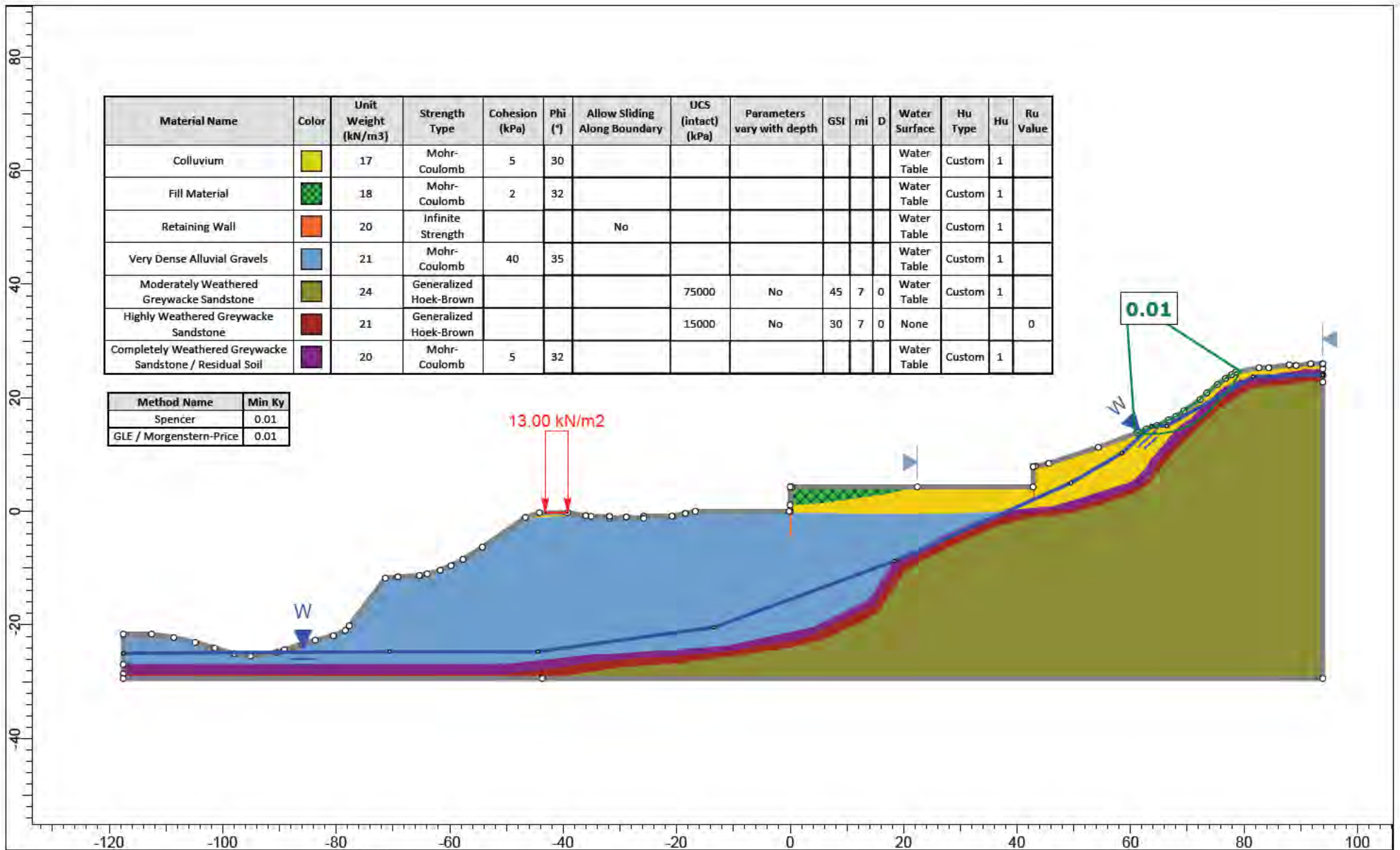




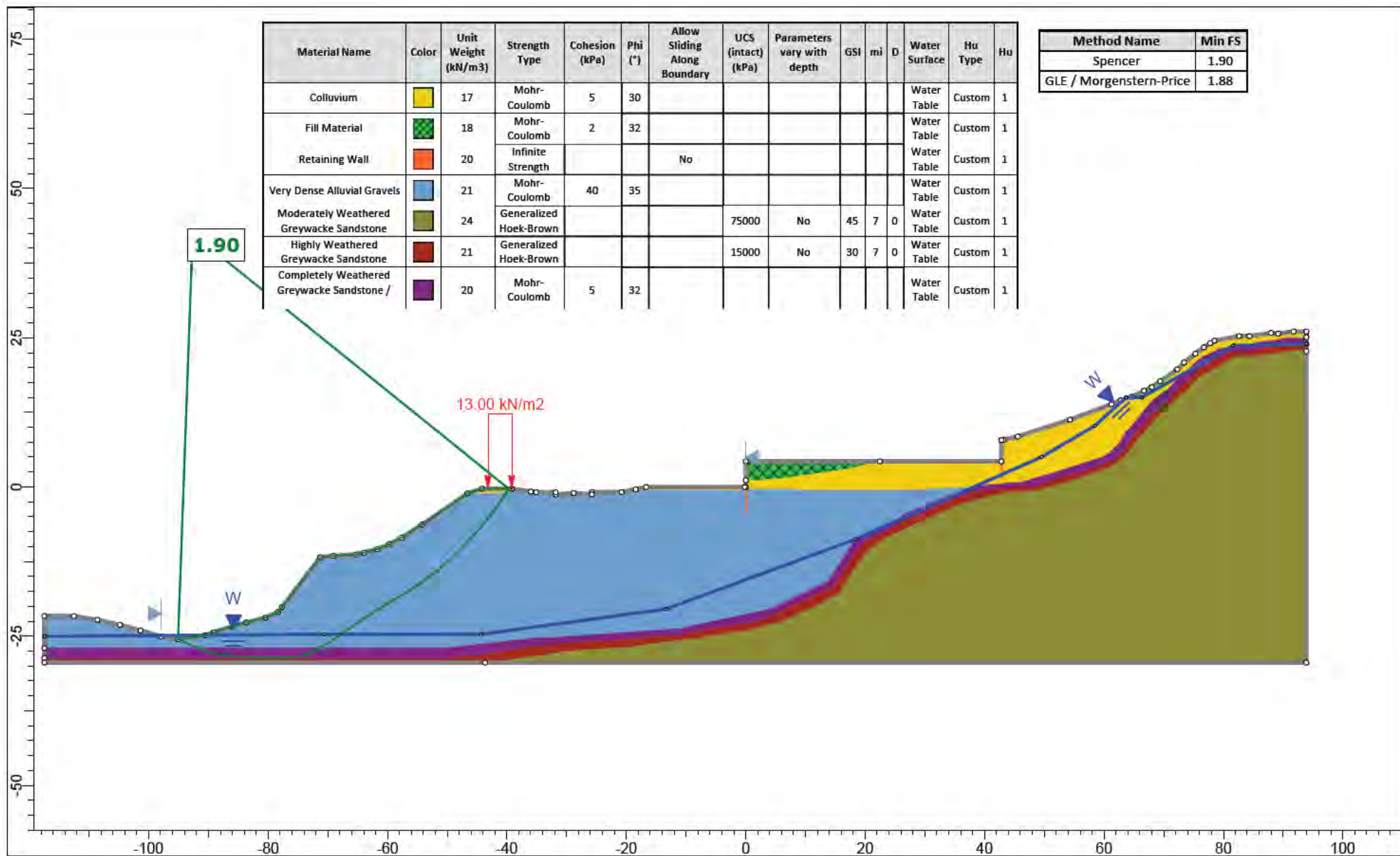
Project		Slide2 - An Interactive Slope Stability Program	
Group	Section C-C Group Above Site	Scenario	Servicability Limit State
Drawn By		Company	
Date	24/03/2026, 8:59:34 pm	File Name	Stage-3_Slope-Stability-Section-A-C.slmd



rocscience SLIDEINTERPRET 9.038	Project			Slide2 - An Interactive Slope Stability Program	
	Group		Section C-C Group Above Site		Scenario
	Drawn By				Company
	Date		24/03/2026, 8:59:34 pm		File Name
					Stage-3_Slope-Stability-Section-A-C.slmd



rocscience SLIDEINTERPRET 9.038	Project	Slide2 - An Interactive Slope Stability Program			
	Group	Section C-C Group Above Site		Scenario	Yield Acceleration
	Drawn By			Company	
	Date	24/03/2026, 8:59:34 pm		File Name	Stage-3_Slope-Stability-Section-A-C.slmd



Material Name	Color	Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (°)	Allow Sliding Along Boundary	UCS (intact) (kPa)	Parameters vary with depth	GSI	mi	D	Water Surface	Hu Type	Hu
Colluvium	Yellow	17	Mohr-Coulomb	5	30							Water Table	Custom	1
Fill Material	Green checkered	18	Mohr-Coulomb	2	32							Water Table	Custom	1
Retaining Wall	Orange	20	Infinite Strength			No						Water Table	Custom	1
Very Dense Alluvial Gravels	Blue	21	Mohr-Coulomb	40	35							Water Table	Custom	1
Moderately Weathered Greywacke Sandstone	Olive green	24	Generalized Hoek-Brown				75000	No	45	7	0	Water Table	Custom	1
Highly Weathered Greywacke Sandstone	Dark red	21	Generalized Hoek-Brown				15000	No	30	7	0	Water Table	Custom	1
Completely Weathered Greywacke Sandstone /	Purple	20	Mohr-Coulomb	5	32							Water Table	Custom	1

Method Name	Min FS
Spencer	1.90
GLE / Morgenstern-Price	1.88