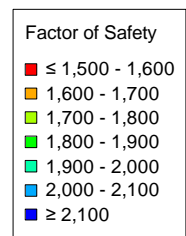
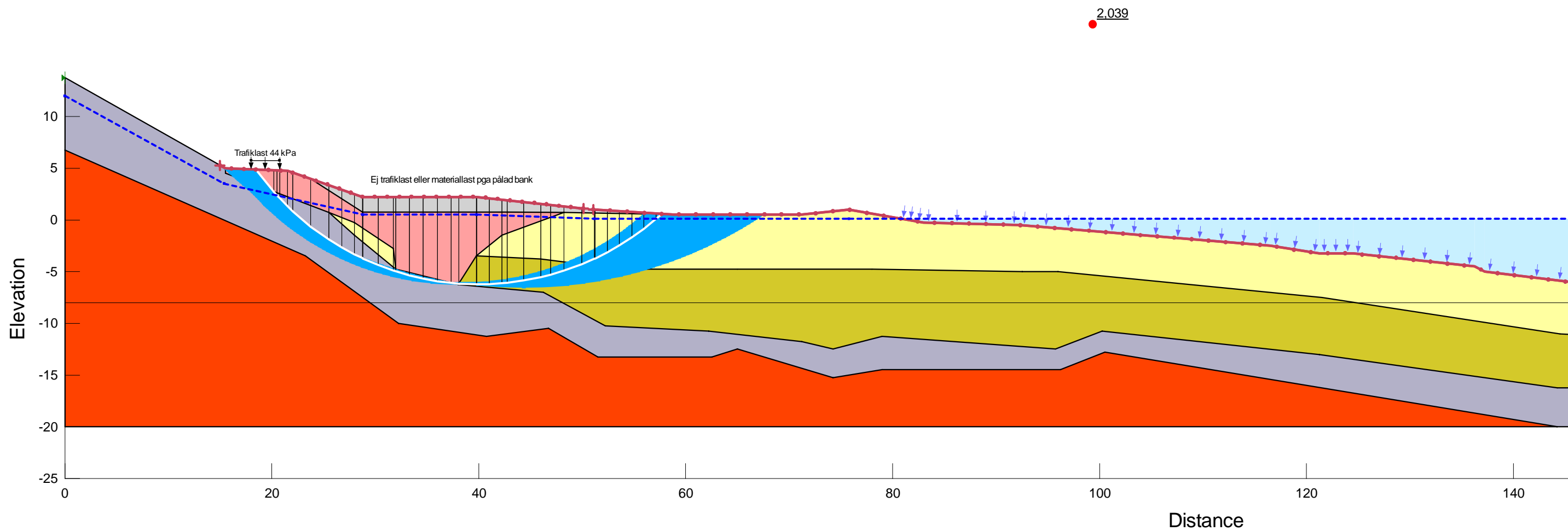


Title: Gamleby Hamn, section H, odränerad
 Created By: Horndahl, Jacob
 Date: 2019-09-30
 Method: Morgenstern-Price
 Scale: 1:400 (A3)

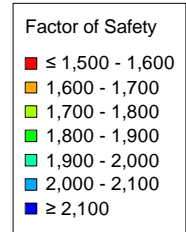


Color	Name	Model	Unit Weight (kN/m³)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Constant Unit Wt. Above Water Table (kN/m³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m²)/m)	Cohesion (kPa)	Piezometric Line
Red	Berg	Bedrock (Impenetrable)									1
Yellow	Gyttja	Undrained (Phi=0)	12,5							5	1
Green	Lera	S=f(depth)	15				10	1,54			1
Grey	Morän	Mohr-Coulomb	22	0	35	0	20				1
Light Grey	Pålad vägbank	Mohr-Coulomb	1	0	37	0					1
Pink	Sprängsten	Mohr-Coulomb	21	0	40	0					1

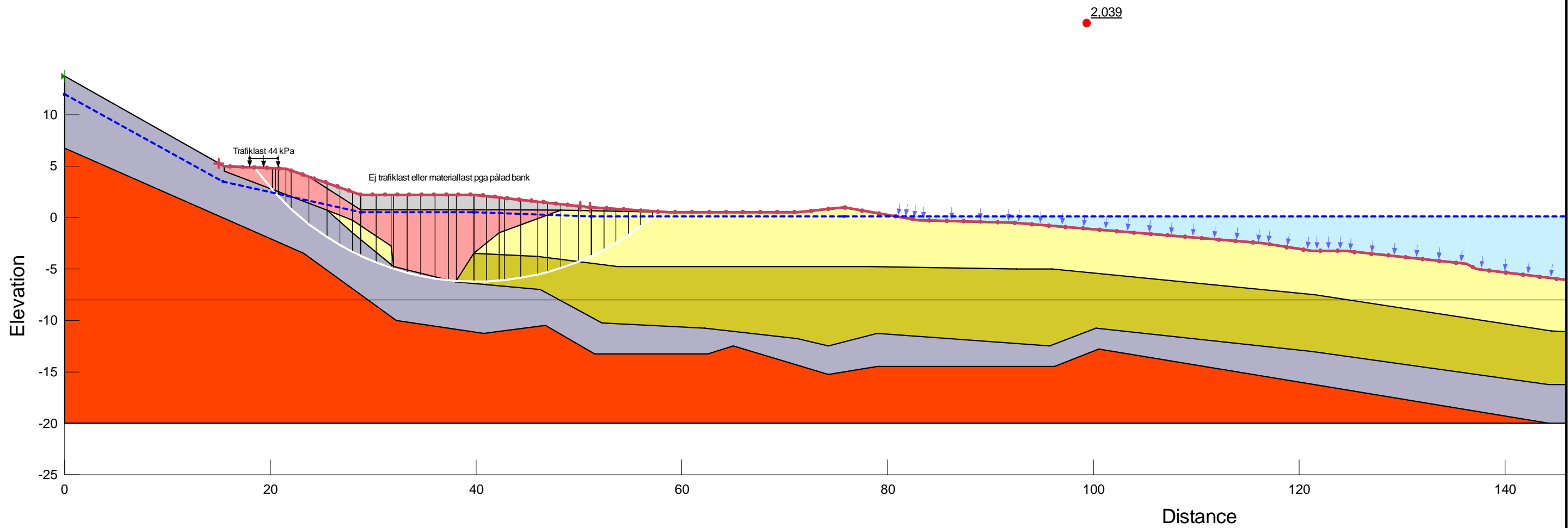


Gamleby Hamn Sektion H, odränerad	
Sektion H_odrän.gsz	
2019-09-30	1:400

Title: Gamleby Hamn, section H, odränerad
 Created By: Horndahl, Jacob
 Date: 2019-09-30
 Method: Morgenstern-Price
 Scale: 1:400 (A3)

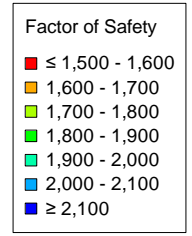


Color	Name	Model	Unit Weight (kN/m ³)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Constant Unit Wt. Above Water Table (kN/m ³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m ²)/m)	Cohesion (kPa)	Piezometric Line
Red	Berg	Bedrock (Impenetrable)									1
Yellow	Gyttja	Undrained (Phi=0)	12,5							5	1
Green	Lera	S=f(depth)	15				10	1,54			1
Blue	Morän	Mohr-Coulomb	22	0	35	0	20				1
Grey	Pålad vägbank	Mohr-Coulomb	1	0	37	0					1
Pink	Sprängsten	Mohr-Coulomb	21	0	40	0					1

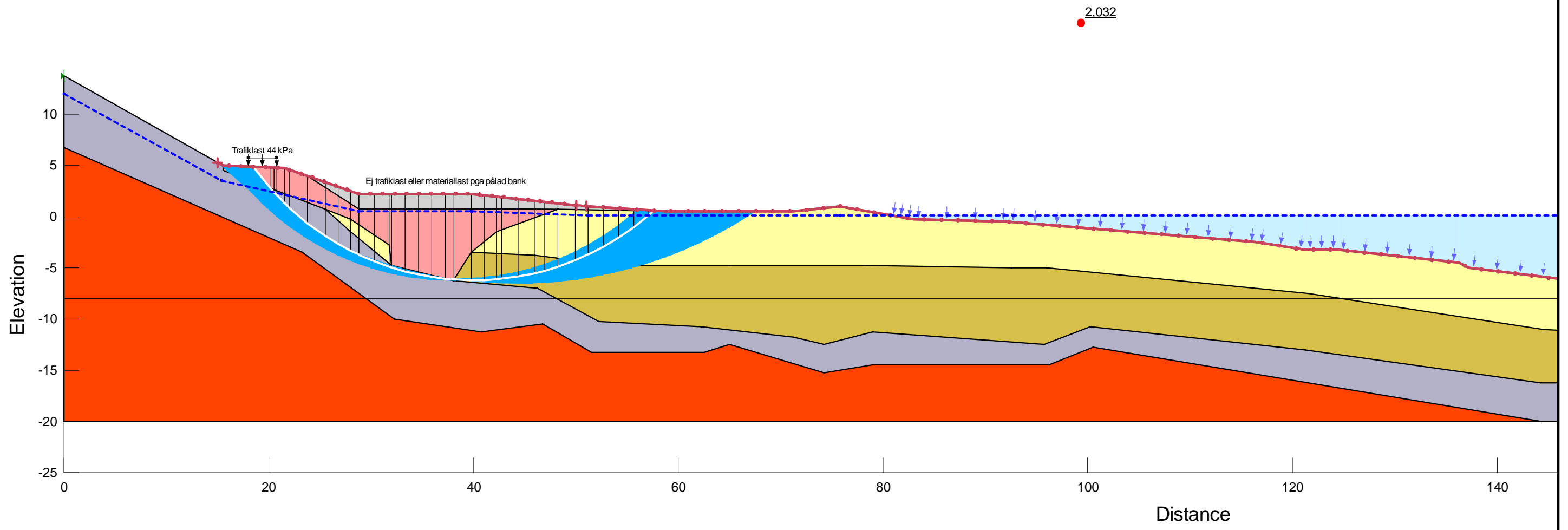


Gamleby Hamn Sektion H, odränerad	
Sektion H_odrän.gsz	
2019-09-30	1:400

Title: Gamleby Hamn, section H, kombinerad
 Created By: Horndahl, Jacob
 Date: 2019-09-30
 Method: Morgenstern-Price
 Scale: 1:400 (A3)

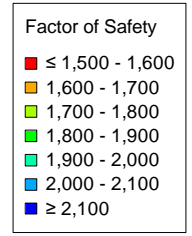


Color	Name	Model	Unit Weight (kN/m³)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Constant Unit Wt. Above Water Table (kN/m³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m²)/m)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m²)/m)	C/Cu Ratio	Piez Line
Red	Berg	Bedrock (Impenetrable)											1
Yellow	Gyttja (Komb)	Combined, S=f(depth)	12,5		20		0,5	0	5	0	0,1	1	
Olive	Lera (Komb)	Combined, S=f(depth)	15		25		1	0,154	10	1,54	0,1	1	
Grey	Morän	Mohr-Coulomb	22	0	35	0	20					1	
Light Grey	Pålad vägbank	Mohr-Coulomb	1	0	37	0						1	
Pink	Sprängsten	Mohr-Coulomb	21	0	40	0						1	

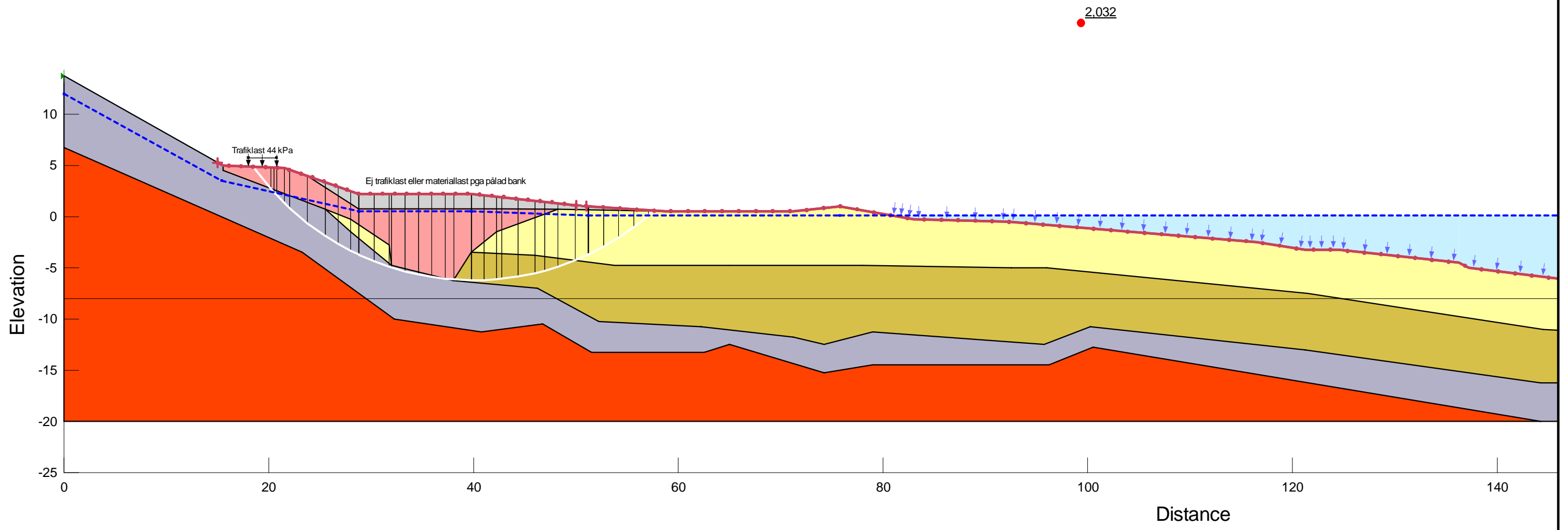


Gamleby Hamn Sektion H, kombinerad	
Sektion H_kombinerad.gsz	
2019-09-30	1:400

Title: Gamleby Hamn, section H, kombinerad
 Created By: Horndahl, Jacob
 Date: 2019-09-30
 Method: Morgenstern-Price
 Scale: 1:400 (A3)



Color	Name	Model	Unit Weight (kN/m³)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Constant Unit Wt. Above Water Table (kN/m³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m²)/m)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m²)/m)	C/Cu Ratio	Piez Line
Red	Berg	Bedrock (Impenetrable)											1
Yellow	Gyttja (Komb)	Combined, S=f(depth)	12,5		20		0,5	0	5	0	0,1	1	
Olive Green	Lera (Komb)	Combined, S=f(depth)	15		25		1	0,154	10	1,54	0,1	1	
Grey	Morän	Mohr-Coulomb	22	0	35	0	20					1	
Light Grey	Pålad vägbank	Mohr-Coulomb	1	0	37	0						1	
Pink	Sprängsten	Mohr-Coulomb	21	0	40	0						1	



Gamleby Hamn Sektion H, kombinerad	
Sektion H_kombinerad.gsz	
2019-09-30	1:400

Gamleby Hamn Sektion H, odränerad

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File Information

File Version: 9.01
Title: Gamleby Hamn, section H, odränerad
Created By: Horndahl, Jacob
Last Edited By: Horndahl, Jacob
Revision Number: 141
Date: 2019-09-30
Time: 13:12:51
Tool Version: 9.1.1.16749
File Name: Sektion H_odrän.gsz
Directory: O:\JKP\290261\G_Berakningar\Slope\Sektion H\

Project Settings

Unit System: International System of Units (SI)

Analysis Settings

Gamleby Hamn Sektion H, odränerad

Kind: SLOPE/W
Method: Morgenstern-Price
Settings
Side Function
Interslice force function option: Half-Sine
PWP Conditions from: Piezometric Line
Apply Phreatic Correction: No
Use Staged Rapid Drawdown: No
Unit Weight of Water: 9,807 kN/m³

Slip Surface
Direction of movement: Left to Right
Use Passive Mode: No
Slip Surface Option: Entry and Exit
Critical slip surfaces saved: 1
Optimize Critical Slip Surface Location: No
Tension Crack Option: (none)

Distribution
F of S Calculation Option: Constant

Advanced
Geometry Settings
Minimum Slip Surface Depth: 0,1 m
Number of Slices: 30
Factor of Safety Convergence Settings
Maximum Number of Iterations: 100
Tolerable difference in F of S: 0,001

Solution Settings
Search Method: Root Finder
Tolerable difference between starting and converged F of S: 3
Maximum iterations to calculate converged lambda: 20
Max Absolute Lambda: 2

Materials

Gyttja

Model: Undrained (Phi=0)
Unit Weight: 12,5 kN/m³
Cohesion: 5 kPa
Pore Water Pressure
Piezometric Line: 1

Lera

Model: S=f(depth)
 Unit Weight: 15 kN/m³
 C-Top of Layer: 10 kPa
 C-Rate of Change: 1,54 (kN/m²)/m
 Pore Water Pressure
 Piezometric Line: 1

Morän

Model: Mohr-Coulomb
 Unit Weight: 22 kN/m³
 Cohesion': 0 kPa
 Phi': 35 °
 Phi-B: 0 °
 Constant Unit Wt. Above Water Table: 20 kN/m³
 Pore Water Pressure
 Piezometric Line: 1

Berg

Model: Bedrock (Impenetrable)
 Pore Water Pressure
 Piezometric Line: 1

Sprängsten

Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion': 0 kPa
 Phi': 40 °
 Phi-B: 0 °
 Pore Water Pressure
 Piezometric Line: 1

Pålad vägbank

Model: Mohr-Coulomb
 Unit Weight: 1 kN/m³
 Cohesion': 0 kPa
 Phi': 37 °
 Phi-B: 0 °
 Pore Water Pressure
 Piezometric Line: 1

Slip Surface Entry and Exit

Left Type: Range
 Left-Zone Left Coordinate: (15; 5,282258) m
 Left-Zone Right Coordinate: (50,12229; 1,122577) m
 Left-Zone Increment: 30
 Right Type: Range
 Right-Zone Left Coordinate: (51,06984; 1,019583) m
 Right-Zone Right Coordinate: (150; -6,525641) m
 Right-Zone Increment: 60
 Radius Increments: 8

Slip Surface Limits

Left Coordinate: (0; 13,75) m
 Right Coordinate: (159,25; -7) m

Piezometric Lines**Piezometric Line 1****Coordinates**

	X	Y
Coordinate 1	0 m	12 m

Coordinate 2	15,4 m	3,5 m
Coordinate 3	28,8 m	0,5 m
Coordinate 4	39,8 m	0,5 m
Coordinate 5	51,2 m	0,1 m
Coordinate 6	75,8 m	0,1 m
Coordinate 7	159,3 m	0,1 m

Surcharge Loads

Surcharge Load 1

Surcharge (Unit Weight): 44 kN/m³

Direction: Vertical

Coordinates

	X	Y
	18 m	5,75 m
	20,75 m	5,75 m

Points

	X	Y
Point 1	15,5 m	5 m
Point 2	21,5 m	4,75 m
Point 3	23,75 m	4 m
Point 4	28,75 m	2,25 m
Point 5	39,75 m	2,25 m
Point 6	51,25 m	1 m
Point 7	42,25 m	-1,5 m
Point 8	39,75 m	-3,5 m
Point 9	31,75 m	-2,75 m
Point 10	28 m	-0,25 m
Point 11	15,5 m	4,5 m
Point 12	25,5 m	0,7 m
Point 13	28 m	-1,5 m
Point 14	32 m	-4,75 m
Point 15	38 m	-6,25 m
Point 16	46 m	-3,75 m
Point 17	53,75 m	-4,75 m
Point 18	65 m	-4,75 m
Point 19	78 m	-4,75 m
Point 20	92,5 m	-5 m
Point 21	96 m	-5 m
Point 22	121,5 m	-7,5 m
Point 23	144,5 m	-11 m
Point 24	159,25 m	-11,75 m
Point 25	159,25 m	-7 m
Point 26	149,5 m	-6,5 m
Point 27	137,25 m	-5 m
Point 28	136,25 m	-4,5 m
Point 29	124,5 m	-3,25 m
Point 30	121,25 m	-3,25 m
Point 31	116,5 m	-2,5 m
Point 32	92,25 m	-0,5 m
Point 33	83 m	-0,25 m
Point 34	75,75 m	1 m
Point 35	71,25 m	0,5 m
Point 36	58,75 m	0,5 m
Point 37	46,25 m	-7 m
Point 38	52,25 m	-10,25 m
Point 39	62,25 m	-10,75 m
Point 40	71,25 m	-11,75 m
Point 41	74,25 m	-12,5 m
Point 42	79 m	-11,25 m

Point 43	95,75 m	-12,5 m
Point 44	100,25 m	-10,75 m
Point 45	121,25 m	-13 m
Point 46	144,25 m	-16,25 m
Point 47	159,25 m	-16,25 m
Point 48	0 m	13,75 m
Point 49	159,25 m	-20 m
Point 50	144,25 m	-20 m
Point 51	100,5 m	-12,75 m
Point 52	96,25 m	-14,5 m
Point 53	79 m	-14,5 m
Point 54	74,25 m	-15,25 m
Point 55	65 m	-12,5 m
Point 56	62,5 m	-13,25 m
Point 57	51,5 m	-13,25 m
Point 58	46,75 m	-10,5 m
Point 59	40,75 m	-11,25 m
Point 60	32,25 m	-10 m
Point 61	23,25 m	-3,5 m
Point 62	0 m	6,75 m
Point 63	0 m	-20 m
Point 64	28,75 m	0,75 m
Point 65	42,75 m	0,75 m
Point 66	48,25 m	0,733333 m
Point 67	39,75 m	0,75 m

Regions

	Material	Points	Area
Region 1	Sprängsten	1;11;12;10;9;14;15;8;7;66;65;67;64;3;2	95,629 m ²
Region 2	Gyttja	16;17;18;19;20;21;22;23;24;25;26;27;28;29;30;31;32;33;34;35;36;66;7;8	558,55 m ²
Region 3	Lera	37;38;39;40;41;42;43;44;45;46;47;24;23;22;21;20;19;18;17;16;8;15	678,75 m ²
Region 4	Morän	48;1;11;12;13;14;15;37;38;39;40;41;42;43;44;45;46;47;49;50;51;52;53;54;55;56;57;58;59;60;61;62	574,97 m ²
Region 5	Berg	50;63;62;61;60;59;58;57;56;55;54;53;52;51	1 248,7 m ²
Region 6	Pålad vägbank	3;64;67;5;4	20,25 m ²
Region 7	Gyttja	12;13;14;9;10	7,5 m ²
Region 8	Pålad vägbank	65;66;36;6;5;67	11,508 m ²

Gamleby Hamn Sektion H, kombinerad

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File Information

File Version: 9.01
Title: Gamleby Hamn, section H, kombinerad
Created By: Horndahl, Jacob
Last Edited By: Horndahl, Jacob
Revision Number: 138
Date: 2019-09-30
Time: 13:19:52
Tool Version: 9.1.1.16749
File Name: Sektion H_kombinerad.gsz
Directory: O:\JKP\290261\G_Berakningar\Slope\Sektion H\

Project Settings

Unit System: International System of Units (SI)

Analysis Settings

Gamleby Hamn Sektion H, kombinerad

Kind: SLOPE/W

Method: Morgenstern-Price

Settings

Side Function

Interslice force function option: Half-Sine

PWP Conditions from: Piezometric Line

Apply Phreatic Correction: No

Use Staged Rapid Drawdown: No

Unit Weight of Water: 9,807 kN/m³

Slip Surface

Direction of movement: Left to Right

Use Passive Mode: No

Slip Surface Option: Entry and Exit

Critical slip surfaces saved: 1

Optimize Critical Slip Surface Location: No

Tension Crack Option: (none)

Distribution

F of S Calculation Option: Constant

Advanced

Geometry Settings

Minimum Slip Surface Depth: 0,1 m

Number of Slices: 30

Factor of Safety Convergence Settings

Maximum Number of Iterations: 100

Tolerable difference in F of S: 0,001

Solution Settings

Search Method: Root Finder

Tolerable difference between starting and converged F of S: 3

Maximum iterations to calculate converged lambda: 20

Max Absolute Lambda: 2

Materials

Morän

Model: Mohr-Coulomb

Unit Weight: 22 kN/m³

Cohesion': 0 kPa

Phi': 35 °

Phi-B: 0 °

Constant Unit Wt. Above Water Table: 20 kN/m³

Pore Water Pressure
Piezometric Line: 1

Gyttja (Komb)

Model: Combined, $S=f(\text{depth})$
Unit Weight: 12,5 kN/m³
Phi': 20 °
C-Top of Layer: 0,5 kPa
C-Rate of Change: 0 (kN/m²)/m
Cu-Top of Layer: 5 kPa
Cu-Rate of Change: 0 (kN/m²)/m
C/Cu Ratio: 0,1
Pore Water Pressure
Piezometric Line: 1

Lera (Komb)

Model: Combined, $S=f(\text{depth})$
Unit Weight: 15 kN/m³
Phi': 25 °
C-Top of Layer: 1 kPa
C-Rate of Change: 0,154 (kN/m²)/m
Cu-Top of Layer: 10 kPa
Cu-Rate of Change: 1,54 (kN/m²)/m
C/Cu Ratio: 0,1
Pore Water Pressure
Piezometric Line: 1

Berg

Model: Bedrock (Impenetrable)
Pore Water Pressure
Piezometric Line: 1

Sprängsten

Model: Mohr-Coulomb
Unit Weight: 21 kN/m³
Cohesion': 0 kPa
Phi': 40 °
Phi-B: 0 °
Pore Water Pressure
Piezometric Line: 1

Pålad vägbank

Model: Mohr-Coulomb
Unit Weight: 1 kN/m³
Cohesion': 0 kPa
Phi': 37 °
Phi-B: 0 °
Pore Water Pressure
Piezometric Line: 1

Slip Surface Entry and Exit

Left Type: Range
Left-Zone Left Coordinate: (15; 5,282258) m
Left-Zone Right Coordinate: (50,04785; 1,130668) m
Left-Zone Increment: 30
Right Type: Range
Right-Zone Left Coordinate: (51,00957; 1,026134) m
Right-Zone Right Coordinate: (150; -6,525641) m
Right-Zone Increment: 60
Radius Increments: 8

Slip Surface Limits

Left Coordinate: (0; 13,75) m
Right Coordinate: (159,25; -7) m

Piezometric Lines

Piezometric Line 1

Coordinates

	X	Y
Coordinate 1	0 m	12 m
Coordinate 2	15,4 m	3,5 m
Coordinate 3	28,8 m	0,5 m
Coordinate 4	39,8 m	0,5 m
Coordinate 5	51,2 m	0,1 m
Coordinate 6	75,8 m	0,1 m
Coordinate 7	159,3 m	0,1 m

Surcharge Loads

Surcharge Load 1

Surcharge (Unit Weight): 44 kN/m³

Direction: Vertical

Coordinates

	X	Y
	18 m	5,75 m
	20,75 m	5,75 m

Points

	X	Y
Point 1	15,5 m	5 m
Point 2	21,5 m	4,75 m
Point 3	23,75 m	4 m
Point 4	28,75 m	2,25 m
Point 5	39,75 m	2,25 m
Point 6	51,25 m	1 m
Point 7	42,25 m	-1,5 m
Point 8	39,75 m	-3,5 m
Point 9	31,75 m	-2,75 m
Point 10	28 m	-0,25 m
Point 11	15,5 m	4,5 m
Point 12	25,5 m	0,7 m
Point 13	28 m	-1,5 m
Point 14	32 m	-4,75 m
Point 15	38 m	-6,25 m
Point 16	46 m	-3,75 m
Point 17	53,75 m	-4,75 m
Point 18	65 m	-4,75 m
Point 19	78 m	-4,75 m
Point 20	92,5 m	-5 m
Point 21	96 m	-5 m
Point 22	121,5 m	-7,5 m
Point 23	144,5 m	-11 m
Point 24	159,25 m	-11,75 m
Point 25	159,25 m	-7 m
Point 26	149,5 m	-6,5 m
Point 27	137,25 m	-5 m
Point 28	136,25 m	-4,5 m
Point 29	124,5 m	-3,25 m
Point 30	121,25 m	-3,25 m
Point 31	116,5 m	-2,5 m
Point 32	92,25 m	-0,5 m
Point 33	83 m	-0,25 m
Point 34	75,75 m	1 m

Point 35	71,25 m	0,5 m
Point 36	58,75 m	0,5 m
Point 37	46,25 m	-7 m
Point 38	52,25 m	-10,25 m
Point 39	62,25 m	-10,75 m
Point 40	71,25 m	-11,75 m
Point 41	74,25 m	-12,5 m
Point 42	79 m	-11,25 m
Point 43	95,75 m	-12,5 m
Point 44	100,25 m	-10,75 m
Point 45	121,25 m	-13 m
Point 46	144,25 m	-16,25 m
Point 47	159,25 m	-16,25 m
Point 48	0 m	13,75 m
Point 49	159,25 m	-20 m
Point 50	144,25 m	-20 m
Point 51	100,5 m	-12,75 m
Point 52	96,25 m	-14,5 m
Point 53	79 m	-14,5 m
Point 54	74,25 m	-15,25 m
Point 55	65 m	-12,5 m
Point 56	62,5 m	-13,25 m
Point 57	51,5 m	-13,25 m
Point 58	46,75 m	-10,5 m
Point 59	40,75 m	-11,25 m
Point 60	32,25 m	-10 m
Point 61	23,25 m	-3,5 m
Point 62	0 m	6,75 m
Point 63	0 m	-20 m
Point 64	28,75 m	0,75 m
Point 65	42,75 m	0,75 m
Point 66	48,25 m	0,733333 m

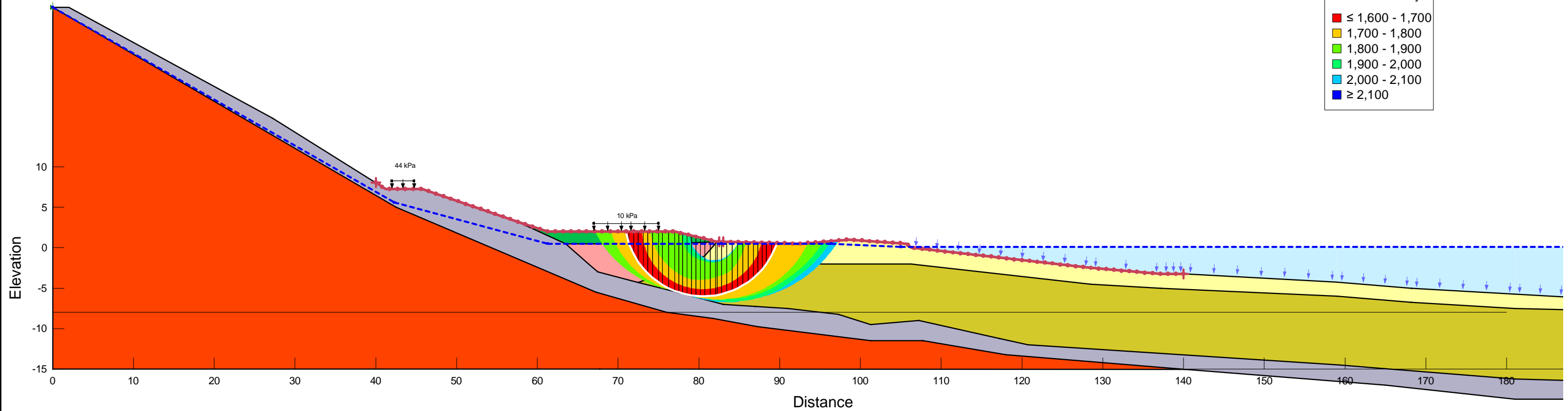
Regions

	Material	Points	Area
Region 1	Sprängsten	1;11;12;10;9;14;15;8;7;66;65;64;3;2	95,629 m ²
Region 2	Gyttja (Komb)	16;17;18;19;20;21;22;23;24;25;26;27;28;29;30;31;32;33;34;35;36;66;7;8	558,55 m ²
Region 3	Lera (Komb)	37;38;39;40;41;42;43;44;45;46;47;24;23;22;21;20;19;18;17;16;8;15	678,75 m ²
Region 4	Morän	48;1;11;12;13;14;15;37;38;39;40;41;42;43;44;45;46;47;49;50;51;52;53;54;55;56;57;58;59;60;61;62	574,97 m ²
Region 5	Berg	50;63;62;61;60;59;58;57;56;55;54;53;52;51	1 248,7 m ²
Region 6	Pålad vägbank	3;64;65;66;36;6;5;4	31,758 m ²
Region 7	Gyttja (Komb)	12;13;14;9;10	7,5 m ²

Title: Gamleby Hamn, section I odränerad analys
 Created By: Horndahl, Jacob / Nina Mattsson
 Date: 2019-09-24
 Method: Morgenstern-Price
 Scale: 1:500 (A3)

Color	Name	Unit Weight (kN/m ³)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Constant Unit Wt. Above Water Table (kN/m ³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m ²)/m)	Cohesion (kPa)	Piezometric Line
Red	Berg									1
Yellow	Gyttja	12,5							5	1
Green	Lera	15					10	1,54		1
Grey	Morän	22	0	35	0	20				1
Pink	Sprängsten	21	0	40	0	18				1
Dark Green	Vägbank	20	0	37	0	18				1

Factor of Safety	
Red	≤ 1,600 - 1,700
Yellow	1,700 - 1,800
Green	1,800 - 1,900
Light Green	1,900 - 2,000
Light Blue	2,000 - 2,100
Dark Blue	≥ 2,100

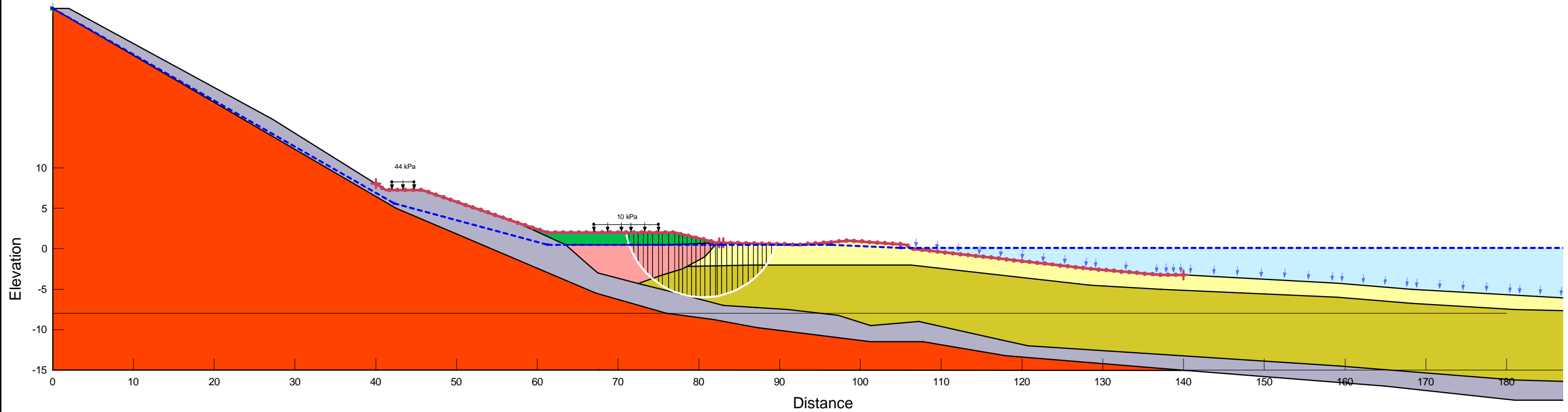


Gamleby Hamn Sektion I	
Sektion I_odrän urgrävt enligt PM 1968.gsz	
2019-09-24	1:500

Title: Gamleby Hamn, section I odränerad analys
 Created By: Horndahl, Jacob / Nina Mattsson
 Date: 2019-09-24
 Method: Morgenstern-Price
 Scale: 1:500 (A3)

Color	Name	Unit Weight (kN/m ³)	Cohesion (kPa)	Phi (°)	Phi-B (°)	Constant Unit Wt. Above Water Table (kN/m ³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m ²)/m)	Cohesion (kPa)	Piezometric Line
Orange	Berg									1
Yellow	Gyttja	12,5							5	1
Green	Lera	15					10	1,54		1
Grey	Morän	22	0	35	0	20				1
Pink	Sprängsten	21	0	40	0	18				1
Light Green	Vägbank	20	0	37	0	18				1

1,662

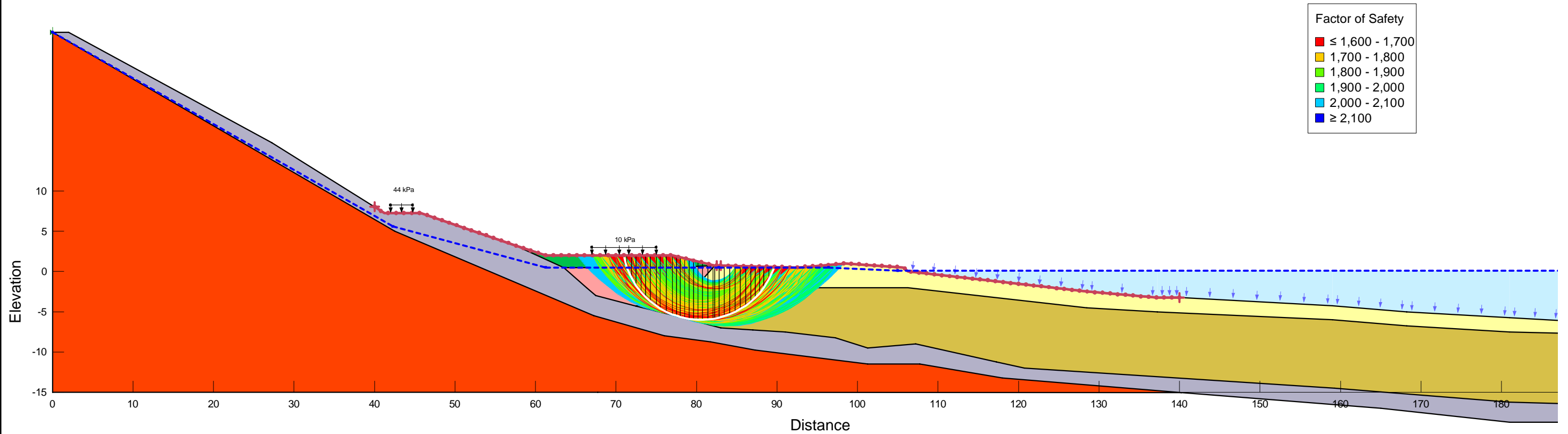


Gamleby Hamn Sektion I	
Sektion I_odrän urgrävt enligt PM 1968.gsz	
2019-09-24	1:500

Title: Gamleby Hamn, section I, komb analys
 Created By: Horndahl, Jacob / Nina Mattsson
 Date: 2019-09-24
 Method: Morgenstern-Price
 Scale: 1:500 (A3)

Color	Name	Unit Weight (kN/m ³)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Constant Unit Wt. Above Water Table (kN/m ³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m ²)/m)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m ²)/m)	C/Cu Ratio	Piezometric Line
Orange	Berg											1
Yellow	Gyttja (Komb)	12,5		20			0,5	0	5	0	0,1	1
Olive Green	Lera (Komb)	15		25			1	0,154	10	1,54	0,1	1
Grey	Morän	22	0	35	0	20						1
Pink	Sprängsten	21	0	40	0	18						1
Green	Vägbank	20	0	37	0	18						1

1,642



Factor of Safety	
Red	≤ 1,600 - 1,700
Yellow	1,700 - 1,800
Light Green	1,800 - 1,900
Green	1,900 - 2,000
Cyan	2,000 - 2,100
Blue	≥ 2,100

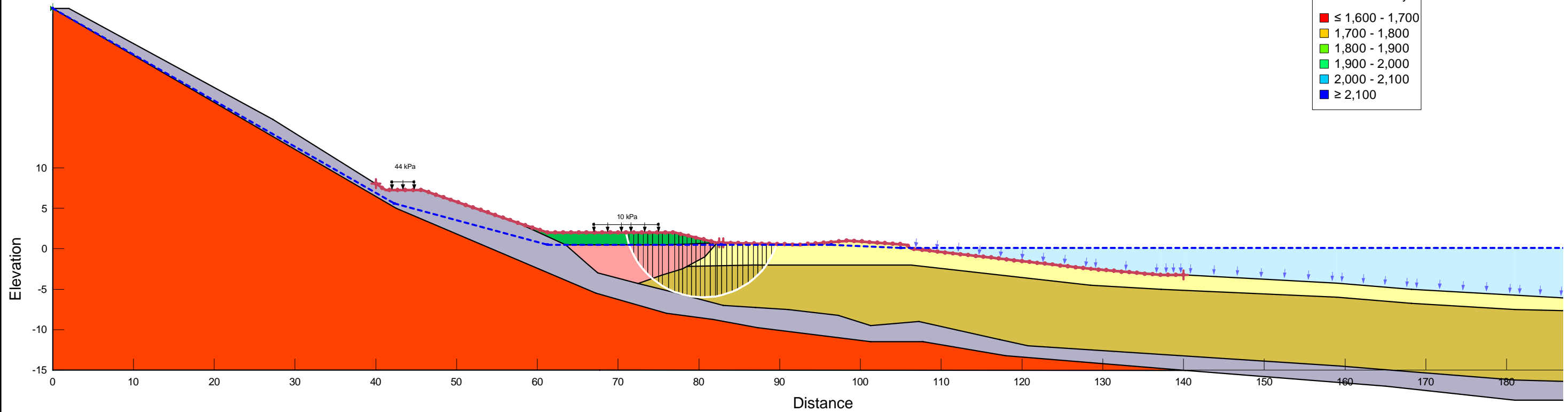
Gamleby Hamn Sektion I	
Sektion I_komb urgrävt enligt PM 1968.gsz	
2019-09-24	1:500

Title: Gamleby Hamn, section I, komb analys
 Created By: Horndahl, Jacob / Nina Mattsson
 Date: 2019-09-24
 Method: Morgenstern-Price
 Scale: 1:500 (A3)

Color	Name	Unit Weight (kN/m ³)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Constant Unit Wt. Above Water Table (kN/m ³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m ²)/m)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m ²)/m)	C/Cu Ratio	Piezometric Line
Orange	Berg											1
Yellow	Gyttja (Komb)	12,5		20			0,5	0	5	0	0,1	1
Olive Green	Lera (Komb)	15		25			1	0,154	10	1,54	0,1	1
Grey	Morän	22	0	35	0	20						1
Pink	Sprängsten	21	0	40	0	18						1
Green	Vägbank	20	0	37	0	18						1

1,642

Factor of Safety	
Red	≤ 1,600 - 1,700
Yellow	1,700 - 1,800
Light Green	1,800 - 1,900
Green	1,900 - 2,000
Light Blue	2,000 - 2,100
Dark Blue	≥ 2,100



Gamleby Hamn Sektion I	
Sektion I_komb urgrävt enligt PM 1968.gsz	
2019-09-24	1:500

Gamleby Hamn Sektion I, odränerad analys

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File Information

File Version: 9.01
Title: Gamleby Hamn, section I odränerad analys
Created By: Horndahl, Jacob / Nina Mattsson
Last Edited By: Klasson, Per
Revision Number: 132
Date: 2019-09-27
Time: 15:55:24
Tool Version: 9.1.1.16749
File Name: Sektion I_odrän urgrävt enligt PM 1968.gsz
Directory: O:\JKP\290261\G_Berakningar\Slope\Sektion I\
Last Solved Date: 2019-09-27
Last Solved Time: 15:55:48

Project Settings

Unit System: International System of Units (SI)

Analysis Settings

Gamleby Hamn Sektion I, odränerad analys

Kind: SLOPE/W

Method: Morgenstern-Price

Settings

Side Function

Interslice force function option: Half-Sine

PWP Conditions from: Piezometric Line

Apply Phreatic Correction: No

Use Staged Rapid Drawdown: No

Unit Weight of Water: 9,807 kN/m³

Slip Surface

Direction of movement: Left to Right

Use Passive Mode: No

Slip Surface Option: Entry and Exit

Critical slip surfaces saved: 1

Optimize Critical Slip Surface Location: No

Tension Crack Option: (none)

Distribution

F of S Calculation Option: Constant

Advanced

Geometry Settings

Minimum Slip Surface Depth: 0,1 m

Number of Slices: 30

Factor of Safety Convergence Settings

Maximum Number of Iterations: 100

Tolerable difference in F of S: 0,001

Solution Settings

Search Method: Root Finder

Tolerable difference between starting and converged F of S: 3

Maximum iterations to calculate converged lambda: 20

Max Absolute Lambda: 2

Materials

Vägbank

Model: Mohr-Coulomb

Unit Weight: 20 kN/m³

Cohesion': 0 kPa

Phi': 37 °

Phi-B: 0 °

Constant Unit Wt. Above Water Table: 18 kN/m³

Pore Water Pressure

Piezometric Line: 1

Gyttja

Model: Undrained (Phi=0)
 Unit Weight: 12,5 kN/m³
 Cohesion: 5 kPa
 Pore Water Pressure
 Piezometric Line: 1

Lera

Model: S=f(depth)
 Unit Weight: 15 kN/m³
 C-Top of Layer: 10 kPa
 C-Rate of Change: 1,54 (kN/m²)/m
 Pore Water Pressure
 Piezometric Line: 1

Morän

Model: Mohr-Coulomb
 Unit Weight: 22 kN/m³
 Cohesion': 0 kPa
 Phi': 35 °
 Phi-B: 0 °
 Constant Unit Wt. Above Water Table: 20 kN/m³
 Pore Water Pressure
 Piezometric Line: 1

Berg

Model: Bedrock (Impenetrable)
 Pore Water Pressure
 Piezometric Line: 1

Sprängsten

Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion': 0 kPa
 Phi': 40 °
 Phi-B: 0 °
 Constant Unit Wt. Above Water Table: 18 kN/m³
 Pore Water Pressure
 Piezometric Line: 1

Slip Surface Entry and Exit

Left Type: Range
 Left-Zone Left Coordinate: (40; 8,03125) m
 Left-Zone Right Coordinate: (82,5; 0,743961) m
 Left-Zone Increment: 45
 Right Type: Range
 Right-Zone Left Coordinate: (83; 0,731884) m
 Right-Zone Right Coordinate: (140; -3,25) m
 Right-Zone Increment: 60
 Radius Increments: 8

Slip Surface Limits

Left Coordinate: (0; 29,75) m
 Right Coordinate: (190; -6,25) m

Piezometric Lines**Piezometric Line 1****Coordinates**

	X	Y
Coordinate 1	0 m	29,75 m
Coordinate 2	42,3 m	5,6 m
Coordinate 3	61,3 m	0,5 m
Coordinate 4	82,8 m	0,5 m
Coordinate 5	96,4 m	0,5 m
Coordinate 6	105 m	0,1 m
Coordinate 7	190 m	0,1 m

Surcharge Loads

Surcharge Load 1

Surcharge (Unit Weight): 44 kN/m³

Direction: Vertical

Coordinates

	X	Y
	42 m	8,25 m
	44,75 m	8,25 m

Surcharge Load 2

Surcharge (Unit Weight): 10 kN/m³

Direction: Vertical

Coordinates

	X	Y
	67 m	3 m
	75 m	3 m

Points

	X	Y
Point 1	190 m	-6,25 m
Point 2	181 m	-5,75 m
Point 3	168,25 m	-5 m
Point 4	159 m	-4,25 m
Point 5	140,25 m	-3,25 m
Point 6	137,25 m	-3,25 m
Point 7	128,5 m	-2,5 m
Point 8	106,25 m	0 m
Point 9	76,25 m	0,5 m
Point 10	63,5 m	0,5 m
Point 11	67,5 m	-3 m
Point 12	76,25 m	-5,25 m
Point 13	86,75 m	-2 m
Point 14	106,25 m	-2 m
Point 15	128,5 m	-4,5 m
Point 16	137,25 m	-5 m
Point 17	159 m	-6 m
Point 18	168,25 m	-6,75 m
Point 19	181 m	-7,5 m
Point 20	190 m	-7,75 m
Point 21	101 m	-1,5 m
Point 22	97 m	-1,4 m
Point 23	91 m	-0,9 m
Point 24	82,8 m	-0,7 m
Point 25	83 m	-7 m
Point 26	87 m	-7,25 m
Point 27	91 m	-7,5 m
Point 28	97,25 m	-8,25 m
Point 29	101,25 m	-9,5 m
Point 30	107,25 m	-9 m
Point 31	117,25 m	-11,25 m
Point 32	120,75 m	-12 m
Point 33	159,25 m	-14,5 m
Point 34	181 m	-16,25 m
Point 35	190 m	-16,5 m
Point 36	165 m	-14,962644 m
Point 37	57,5 m	3,25 m
Point 38	41,25 m	7,25 m
Point 39	2 m	29,75 m
Point 40	0 m	29,75 m
Point 41	42,5 m	5 m
Point 42	67,25 m	-5,5 m
Point 43	76 m	-8 m
Point 44	81,75 m	-8,75 m
Point 45	87,25 m	-9,75 m
Point 46	101,25 m	-11,5 m

Point 47	107,75 m	-11,5 m
Point 48	118 m	-13,25 m
Point 49	165 m	-17 m
Point 50	181 m	-18,75 m
Point 51	190 m	-18,75 m
Point 52	0 m	-15 m
Point 53	67,75 m	-15 m
Point 54	140,25 m	-15,025266 m
Point 55	82,25 m	0,75 m
Point 56	77 m	2 m
Point 57	71 m	2 m
Point 58	61,25 m	2 m
Point 59	105,75 m	0,5 m
Point 60	92,6 m	0,5 m
Point 61	45,75 m	7,25 m
Point 62	27,25 m	16 m
Point 63	76,25 m	-2,25 m
Point 64	66,35714 m	-1,999999 m
Point 65	98,5 m	1 m
Point 66	72,5 m	-4,285714 m
Point 67	75,5 m	-3,25 m
Point 68	78 m	-2,5 m
Point 69	80,75 m	-1 m
Point 70	78,55913 m	-2,195021 m

Regions

Region	Material	Points	Area
Region 1	Gyttja	1;2;3;4;5;6;7;8;59;65;60;55;69;70;13;14;15;16;17;18;19;20	222,54 m ²
Region 2	Lera	12;25;26;27;28;29;30;31;32;33;36;34;35;20;19;18;17;16;15;14;13;70;68;67;66	863,36 m ²
Region 3	Morän	36;33;32;31;30;29;28;27;26;25;12;66;11;64;10;37;61;38;62;39;40;41;42;43;44;45;46;47;48;54;49;50;51;35;34	432,72 m ²
Region 4	Berg	40;52;53;54;48;47;46;45;44;43;42;41	2 013,9 m ²
Region 5	Vägbank	55;56;57;58;37;10;9	27,188 m ²
Region 6	Sprängsten	66;67;68;70;69;55;9;10;64;11	56,83 m ²

Slip Results

Slip Surfaces Analysed: 21664 of 25254 converged

Current Slip Surface

Slip Surface: 18 188
 Factor of Safety: 1,662
 Volume: 101,19626 m³
 Weight: 1 667,3175 kN
 Resisting Moment: 3 856,5845 kN·m
 Activating Moment: 2 320,9114 kN·m
 Resisting Force: 299,42658 kN
 Activating Force: 180,18152 kN
 Slip Rank: 1 of 25 254 slip surfaces
 Exit: (89,69709; 0,57011861) m
 Entry: (70,983917; 2) m
 Radius: 9,6874029 m
 Center: (80,523814; 3,6840843) m

Slip Slices

	X	Y	PWP	Base Normal Stress	Frictional Strength	Cohesive Strength	Suction Strength	Base Material
Slice 1	70,991958 m	1,9556524 m	-14,275583 kPa	3,0834924 kPa	2,3235782 kPa	0 kPa	0 kPa	Vägbank
Slice 2	71,18732 m	1,2056524 m	-6,9203329 kPa	8,9361699 kPa	6,733887 kPa	0 kPa	0 kPa	Vägbank
Slice 3	71,660858 m	-0,15992157 m	6,4718508 kPa	26,78574 kPa	17,045377 kPa	0 kPa	0 kPa	Sprängsten
Slice 4	72,233296 m	-1,296293 m	17,616246 kPa	48,080109 kPa	25,562217 kPa	0 kPa	0 kPa	Sprängsten

Slice 5	72,805733 m	-2,1513052 m	26,00135 kPa	65,011488 kPa	32,733392 kPa	0 kPa	0 kPa	Sprängsten
Slice 6	73,37817 m	-2,8432007 m	32,78677 kPa	79,371437 kPa	39,089177 kPa	0 kPa	0 kPa	Sprängsten
Slice 7	73,950607 m	-3,4213149 m	38,456336 kPa	91,942657 kPa	44,880353 kPa	0 kPa	0 kPa	Sprängsten
Slice 8	74,618413 m	-3,9801155 m	43,936493 kPa	119,91885 kPa	0 kPa	10,655667 kPa	0 kPa	Lera
Slice 9	75,25 m	-4,4364947 m	48,412203 kPa	115,85028 kPa	0 kPa	11,694285 kPa	0 kPa	Lera
Slice 10	75,875 m	-4,8042313 m	52,018596 kPa	120,64121 kPa	0 kPa	12,566766 kPa	0 kPa	Lera
Slice 11	76,625 m	-5,1746494 m	55,651287 kPa	125,62196 kPa	0 kPa	13,48371 kPa	0 kPa	Lera
Slice 12	77,25 m	-5,4294964 m	58,150571 kPa	128,15939 kPa	0 kPa	14,164924 kPa	0 kPa	Lera
Slice 13	77,75 m	-5,594043 m	59,76428 kPa	128,4462 kPa	0 kPa	14,649326 kPa	0 kPa	Lera
Slice 14	78,279565 m	-5,7353918 m	61,150487 kPa	127,92279 kPa	0 kPa	15,217337 kPa	0 kPa	Lera
Slice 15	78,832989 m	-5,8505645 m	62,279986 kPa	126,24036 kPa	0 kPa	15,639579 kPa	0 kPa	Lera
Slice 16	79,380706 m	-5,9316851 m	63,075536 kPa	123,77947 kPa	0 kPa	15,784587 kPa	0 kPa	Lera
Slice 17	79,928424 m	-5,9811111 m	63,560257 kPa	120,85032 kPa	0 kPa	15,880786 kPa	0 kPa	Lera
Slice 18	80,476141 m	-5,9993294 m	63,738924 kPa	117,43973 kPa	0 kPa	15,928926 kPa	0 kPa	Lera
Slice 19	81,071429 m	-5,9824686 m	63,573569 kPa	111,44287 kPa	0 kPa	15,924787 kPa	0 kPa	Lera
Slice 20	81,714286 m	-5,9244353 m	63,004437 kPa	102,62452 kPa	0 kPa	15,858987 kPa	0 kPa	Lera
Slice 21	82,142857 m	-5,8664478 m	62,435754 kPa	96,931282 kPa	0 kPa	15,785401 kPa	0 kPa	Lera
Slice 22	82,525 m	-5,7901982 m	61,687974 kPa	95,250003 kPa	0 kPa	15,681988 kPa	0 kPa	Lera
Slice 23	83,129167 m	-5,6401369 m	60,216322 kPa	93,858758 kPa	0 kPa	15,473047 kPa	0 kPa	Lera
Slice 24	83,7875 m	-5,4302935 m	58,158388 kPa	91,537142 kPa	0 kPa	15,174027 kPa	0 kPa	Lera
Slice 25	84,445833 m	-5,1665603 m	55,571957 kPa	88,272795 kPa	0 kPa	14,792017 kPa	0 kPa	Lera
Slice 26	85,104167 m	-4,8439011 m	52,407638 kPa	83,978183 kPa	0 kPa	14,31926 kPa	0 kPa	Lera
Slice 27	85,7625 m	-4,4552464 m	48,596102 kPa	78,54286 kPa	0 kPa	13,744871 kPa	0 kPa	Lera
Slice 28	86,420833 m	-3,9904588 m	44,037929 kPa	71,820057 kPa	0 kPa	13,053237 kPa	0 kPa	Lera
Slice 29	87,019727 m	-3,4934179 m	39,163449 kPa	64,45922 kPa	0 kPa	12,299864 kPa	0 kPa	Lera
Slice 30	87,559182 m	-2,9638582 m	33,970057 kPa	56,504611 kPa	0 kPa	11,484342 kPa	0 kPa	Lera
Slice 31	88,098636 m	-2,339206 m	27,844093 kPa	47,090315 kPa	0 kPa	10,522377 kPa	0 kPa	Lera
Slice 32	88,694519 m	-1,4843883 m	19,460896 kPa	31,509711 kPa	0 kPa	5 kPa	0 kPa	Gyttja
Slice 33	89,346832 m	-0,2343883 m	7,2021461 kPa	17,16659 kPa	0 kPa	5 kPa	0 kPa	Gyttja
Slice 34	89,685039 m	0,5350593 m	-0,34382659 kPa	9,2029574 kPa	0 kPa	5 kPa	0 kPa	Gyttja

Gamleby Hamn Sektion I, kombinerad analys

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File Information

File Version: 9.01
Title: Gamleby Hamn, section I, komb analys
Created By: Horndahl, Jacob / Nina Mattsson
Last Edited By: Klasson, Per
Revision Number: 134
Date: 2019-09-27
Time: 15:53:02
Tool Version: 9.1.1.16749
File Name: Sektion I_komb urgrävt enligt PM 1968.gsz
Directory: O:\JKP\290261\G_Berakningar\Slope\Sektion I\
Last Solved Date: 2019-09-27
Last Solved Time: 15:53:33

Project Settings

Unit System: International System of Units (SI)

Analysis Settings

Gamleby Hamn Sektion I, kombinerad analys

Kind: SLOPE/W

Method: Morgenstern-Price

Settings

Side Function

Interslice force function option: Half-Sine

PWP Conditions from: Piezometric Line

Apply Phreatic Correction: No

Use Staged Rapid Drawdown: No

Unit Weight of Water: 9,807 kN/m³

Slip Surface

Direction of movement: Left to Right

Use Passive Mode: No

Slip Surface Option: Entry and Exit

Critical slip surfaces saved: 1

Optimize Critical Slip Surface Location: No

Tension Crack Option: (none)

Distribution

F of S Calculation Option: Constant

Advanced

Geometry Settings

Minimum Slip Surface Depth: 0,1 m

Number of Slices: 30

Factor of Safety Convergence Settings

Maximum Number of Iterations: 100

Tolerable difference in F of S: 0,001

Solution Settings

Search Method: Root Finder

Tolerable difference between starting and converged F of S: 3

Maximum iterations to calculate converged lambda: 20

Max Absolute Lambda: 2

Materials

Vägbank

Model: Mohr-Coulomb

Unit Weight: 20 kN/m³

Cohesion': 0 kPa

Phi': 37 °

Phi-B: 0 °

Constant Unit Wt. Above Water Table: 18 kN/m³

Pore Water Pressure

Piezometric Line: 1

Morän

Model: Mohr-Coulomb
 Unit Weight: 22 kN/m³
 Cohesion': 0 kPa
 Phi': 35 °
 Phi-B: 0 °
 Constant Unit Wt. Above Water Table: 20 kN/m³
 Pore Water Pressure
 Piezometric Line: 1

Gyttja (Komb)

Model: Combined, S=f(depth)
 Unit Weight: 12,5 kN/m³
 Phi': 20 °
 C-Top of Layer: 0,5 kPa
 C-Rate of Change: 0 (kN/m²)/m
 Cu-Top of Layer: 5 kPa
 Cu-Rate of Change: 0 (kN/m²)/m
 C/Cu Ratio: 0,1
 Pore Water Pressure
 Piezometric Line: 1

Lera (Komb)

Model: Combined, S=f(depth)
 Unit Weight: 15 kN/m³
 Phi': 25 °
 C-Top of Layer: 1 kPa
 C-Rate of Change: 0,154 (kN/m²)/m
 Cu-Top of Layer: 10 kPa
 Cu-Rate of Change: 1,54 (kN/m²)/m
 C/Cu Ratio: 0,1
 Pore Water Pressure
 Piezometric Line: 1

Berg

Model: Bedrock (Impenetrable)
 Pore Water Pressure
 Piezometric Line: 1

Sprängsten

Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion': 0 kPa
 Phi': 40 °
 Phi-B: 0 °
 Constant Unit Wt. Above Water Table: 18 kN/m³
 Pore Water Pressure
 Piezometric Line: 1

Slip Surface Entry and Exit

Left Type: Range
 Left-Zone Left Coordinate: (40; 8,03125) m
 Left-Zone Right Coordinate: (82,5; 0,743961) m
 Left-Zone Increment: 45
 Right Type: Range
 Right-Zone Left Coordinate: (83; 0,731884) m
 Right-Zone Right Coordinate: (140; -3,25) m
 Right-Zone Increment: 60
 Radius Increments: 8

Slip Surface Limits

Left Coordinate: (0; 29,75) m
 Right Coordinate: (190; -6,25) m

Piezometric Lines**Piezometric Line 1**

Coordinates

	X	Y
Coordinate 1	0 m	29,75 m
Coordinate 2	42,3 m	5,6 m
Coordinate 3	61,3 m	0,5 m
Coordinate 4	82,8 m	0,5 m
Coordinate 5	96,4 m	0,5 m
Coordinate 6	105 m	0,1 m
Coordinate 7	190 m	0,1 m

Surcharge Loads

Surcharge Load 1

Surcharge (Unit Weight): 44 kN/m³

Direction: Vertical

Coordinates

	X	Y
	42 m	8,25 m
	44,75 m	8,25 m

Surcharge Load 2

Surcharge (Unit Weight): 10 kN/m³

Direction: Vertical

Coordinates

	X	Y
	67 m	3 m
	75 m	3 m

Points

	X	Y
Point 1	190 m	-6,25 m
Point 2	181 m	-5,75 m
Point 3	168,25 m	-5 m
Point 4	159 m	-4,25 m
Point 5	140,25 m	-3,25 m
Point 6	137,25 m	-3,25 m
Point 7	128,5 m	-2,5 m
Point 8	106,25 m	0 m
Point 9	76,25 m	0,5 m
Point 10	63,5 m	0,5 m
Point 11	67,5 m	-3 m
Point 12	76,25 m	-5,25 m
Point 13	86,75 m	-2 m
Point 14	106,25 m	-2 m
Point 15	128,5 m	-4,5 m
Point 16	137,25 m	-5 m
Point 17	159 m	-6 m
Point 18	168,25 m	-6,75 m
Point 19	181 m	-7,5 m
Point 20	190 m	-7,75 m
Point 21	101 m	-1,5 m
Point 22	97 m	-1,4 m
Point 23	91 m	-0,9 m
Point 24	82,8 m	-0,7 m
Point 25	83 m	-7 m
Point 26	87 m	-7,25 m
Point 27	91 m	-7,5 m
Point 28	97,25 m	-8,25 m
Point 29	101,25 m	-9,5 m
Point 30	107,25 m	-9 m
Point 31	117,25 m	-11,25 m
Point 32	120,75 m	-12 m
Point 33	159,25 m	-14,5 m
Point 34	181 m	-16,25 m
Point 35	190 m	-16,5 m
Point 36	165 m	-14,962644 m

Point 37	57,5 m	3,25 m
Point 38	41,25 m	7,25 m
Point 39	2 m	29,75 m
Point 40	0 m	29,75 m
Point 41	42,5 m	5 m
Point 42	67,25 m	-5,5 m
Point 43	76 m	-8 m
Point 44	81,75 m	-8,75 m
Point 45	87,25 m	-9,75 m
Point 46	101,25 m	-11,5 m
Point 47	107,75 m	-11,5 m
Point 48	118 m	-13,25 m
Point 49	165 m	-17 m
Point 50	181 m	-18,75 m
Point 51	190 m	-18,75 m
Point 52	0 m	-15 m
Point 53	67,75 m	-15 m
Point 54	140,25 m	-15,025266 m
Point 55	82,25 m	0,75 m
Point 56	77 m	2 m
Point 57	71 m	2 m
Point 58	61,25 m	2 m
Point 59	105,75 m	0,5 m
Point 60	92,6 m	0,5 m
Point 61	45,75 m	7,25 m
Point 62	27,25 m	16 m
Point 63	76,25 m	-2,25 m
Point 64	66,35714 m	-1,999999 m
Point 65	98,5 m	1 m
Point 66	72,5 m	-4,285714 m
Point 67	75,5 m	-3,25 m
Point 68	78 m	-2,5 m
Point 69	80,75 m	-1 m
Point 70	78,55913 m	-2,195021 m

Regions

	Material	Points	Area
Region 1	Gyttja (Komb)	1;2;3;4;5;6;7;8;59;65;60;55;69;70;13;14;15;16;17;18;19;20	222,54 m ²
Region 2	Lera (Komb)	12;25;26;27;28;29;30;31;32;33;36;34;35;20;19;18;17;16;15;14;13;70;68;67;66	863,36 m ²
Region 3	Morän	36;33;32;31;30;29;28;27;26;25;12;66;11;64;10;37;61;38;62;39;40;41;42;43;44;45;46;47;48;54;49;50;51;35;34	432,72 m ²
Region 4	Berg	40;52;53;54;48;47;46;45;44;43;42;41	2 013,9 m ²
Region 5	Vägbank	55;56;57;58;37;10;9	27,188 m ²
Region 6	Sprängsten	66;67;68;70;69;55;9;10;64;11	56,83 m ²

Slip Results

Slip Surfaces Analysed: 21651 of 25254 converged

Current Slip Surface

Slip Surface: 18 188
 Factor of Safety: 1,642
 Volume: 101,19626 m³
 Weight: 1 667,3175 kN
 Resisting Moment: 3 809,703 kN·m
 Activating Moment: 2 320,9114 kN·m
 Resisting Force: 297,13934 kN
 Activating Force: 180,98096 kN
 Slip Rank: 1 of 25 254 slip surfaces
 Exit: (89,69709; 0,57011861) m
 Entry: (70,983917; 2) m
 Radius: 9,6874029 m
 Center: (80,523814; 3,6840843) m

Slip Slices

	X	Y	PWP	Base Normal Stress	Frictional Strength	Cohesive Strength	Suction Strength	Base Material
Slice 1	70,991958 m	1,9556524 m	-14,275583 kPa	3,0560825 kPa	2,3029233 kPa	0 kPa	0 kPa	Vägbank
Slice 2	71,18732 m	1,2056524 m	-6,9203329 kPa	8,862811 kPa	6,6786071 kPa	0 kPa	0 kPa	Vägbank
Slice 3	71,660858 m	-0,15992157 m	6,4718508 kPa	26,628249 kPa	16,913226 kPa	0 kPa	0 kPa	Sprängsten
Slice 4	72,233296 m	-1,296293 m	17,616246 kPa	47,848717 kPa	25,368055 kPa	0 kPa	0 kPa	Sprängsten
Slice 5	72,805733 m	-2,1513052 m	26,00135 kPa	64,718763 kPa	32,487767 kPa	0 kPa	0 kPa	Sprängsten
Slice 6	73,37817 m	-2,8432007 m	32,78677 kPa	79,0299 kPa	38,802593 kPa	0 kPa	0 kPa	Sprängsten
Slice 7	73,950607 m	-3,4213149 m	38,456336 kPa	91,565968 kPa	44,564273 kPa	0 kPa	0 kPa	Sprängsten
Slice 8	74,618413 m	-3,9801155 m	43,936493 kPa	119,48353 kPa	0 kPa	10,655667 kPa	0 kPa	Lera (Komb)
Slice 9	75,25 m	-4,4364947 m	48,412203 kPa	115,42295 kPa	0 kPa	11,694285 kPa	0 kPa	Lera (Komb)
Slice 10	75,875 m	-4,8042313 m	52,018596 kPa	120,22332 kPa	0 kPa	12,566766 kPa	0 kPa	Lera (Komb)
Slice 11	76,625 m	-5,1746494 m	55,651287 kPa	125,23806 kPa	0 kPa	13,48371 kPa	0 kPa	Lera (Komb)
Slice 12	77,25 m	-5,4294964 m	58,150571 kPa	127,82248 kPa	0 kPa	14,164924 kPa	0 kPa	Lera (Komb)
Slice 13	77,75 m	-5,594043 m	59,76428 kPa	128,1587 kPa	0 kPa	14,649326 kPa	0 kPa	Lera (Komb)
Slice 14	78,279565 m	-5,7353918 m	61,150487 kPa	127,69561 kPa	0 kPa	15,217337 kPa	0 kPa	Lera (Komb)
Slice 15	78,832989 m	-5,8505645 m	62,279986 kPa	126,08254 kPa	0 kPa	15,639579 kPa	0 kPa	Lera (Komb)
Slice 16	79,380706 m	-5,9316851 m	63,075536 kPa	123,69345 kPa	0 kPa	15,784587 kPa	0 kPa	Lera (Komb)
Slice 17	79,928424 m	-5,9811111 m	63,560257 kPa	120,83696 kPa	0 kPa	15,880786 kPa	0 kPa	Lera (Komb)
Slice 18	80,476141 m	-5,9993294 m	63,738924 kPa	117,49774 kPa	0 kPa	15,928926 kPa	0 kPa	Lera (Komb)
Slice 19	81,071429 m	-5,9824686 m	63,573569 kPa	111,57402 kPa	0 kPa	15,924787 kPa	0 kPa	Lera (Komb)
Slice 20	81,714286 m	-5,9244353 m	63,004437 kPa	102,82513 kPa	0 kPa	15,858987 kPa	0 kPa	Lera (Komb)
Slice 21	82,142857 m	-5,8664478 m	62,435754 kPa	97,172161 kPa	0 kPa	15,785401 kPa	0 kPa	Lera (Komb)
Slice 22	82,525 m	-5,7901982 m	61,687974 kPa	95,524922 kPa	0 kPa	15,681988 kPa	0 kPa	Lera (Komb)
Slice 23	83,129167 m	-5,6401369 m	60,216322 kPa	94,181617 kPa	0 kPa	15,473047 kPa	0 kPa	Lera (Komb)
Slice 24	83,7875 m	-5,4302935 m	58,158388 kPa	91,899725 kPa	0 kPa	15,174027 kPa	0 kPa	Lera (Komb)
Slice 25	84,445833 m	-5,1665603 m	55,571957 kPa	88,659682 kPa	0 kPa	14,792017 kPa	0 kPa	Lera (Komb)
Slice 26	85,104167 m	-4,8439011 m	52,407638 kPa	84,372305 kPa	0 kPa	14,31926 kPa	0 kPa	Lera (Komb)
Slice 27	85,7625 m	-4,4552464 m	48,596102 kPa	78,926299 kPa	0 kPa	13,744871 kPa	0 kPa	Lera (Komb)
Slice 28	86,420833 m	-3,9904588 m	44,037929 kPa	72,175039 kPa	0 kPa	13,053237 kPa	0 kPa	Lera (Komb)
Slice 29	87,019727 m	-3,4934179 m	39,163449 kPa	64,774072 kPa	0 kPa	12,299864 kPa	0 kPa	Lera (Komb)
Slice 30	87,559182 m	-2,9638582 m	33,970057 kPa	56,773068 kPa	0 kPa	11,484342 kPa	0 kPa	Lera (Komb)
Slice 31	88,098636 m	-2,339206 m	27,844093 kPa	46,816605 kPa	8,8470278 kPa	1,0522377 kPa	0 kPa	Lera (Komb)
Slice 32	88,694519 m	-1,4843883 m	19,460896 kPa	31,497916 kPa	4,381117 kPa	0,5 kPa	0 kPa	Gyttja (Komb)
Slice 33	89,346832 m	-0,2343883 m	7,2021461 kPa	14,911421 kPa	2,8059466 kPa	0,5 kPa	0 kPa	Gyttja (Komb)
Slice 34	89,685039 m	0,5350593 m	-0,34382659 kPa	3,7525533 kPa	1,3658177 kPa	0,5 kPa	0 kPa	Gyttja (Komb)