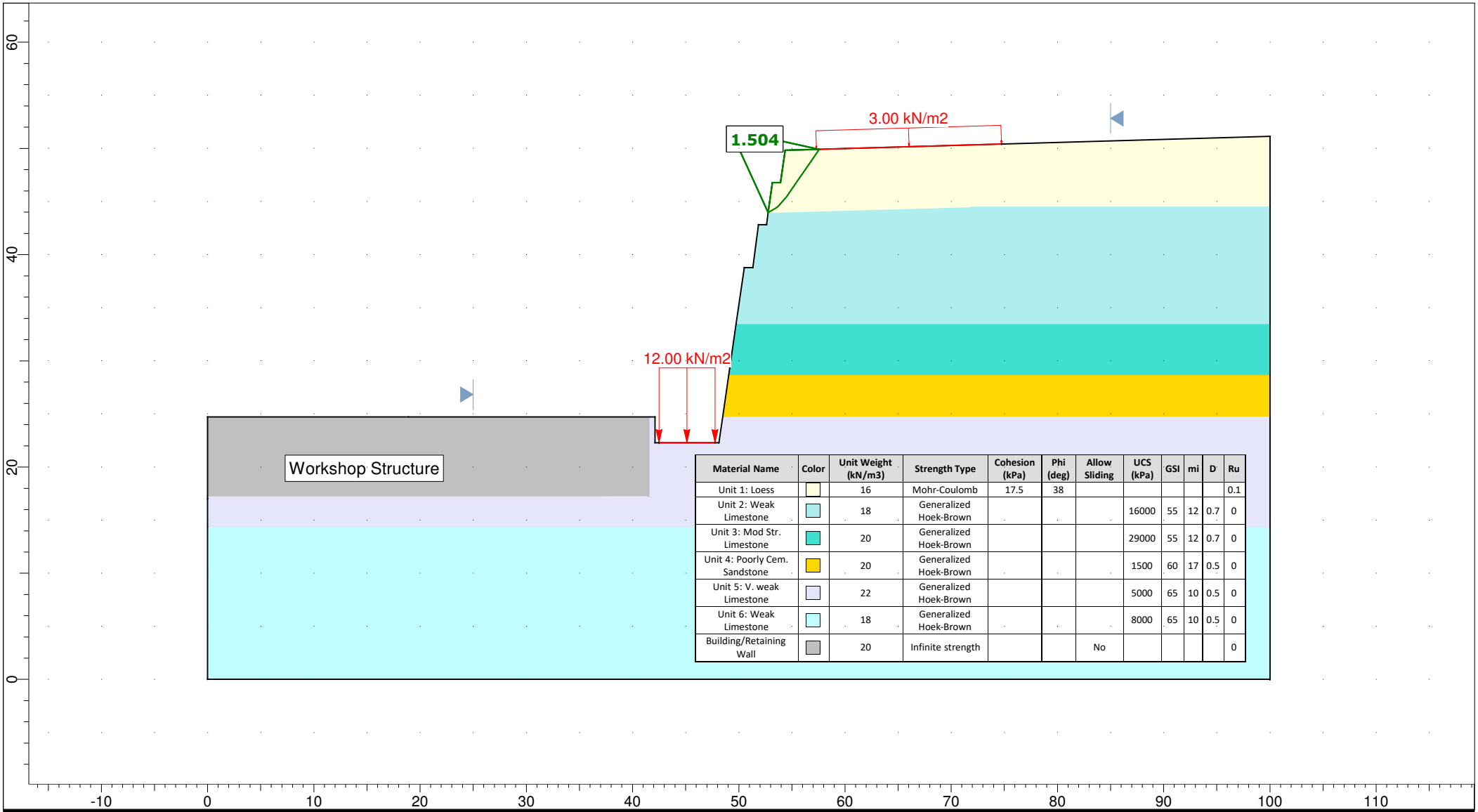

Material Name	Color	Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (deg)	Allow Sliding	UCS (kPa)	GSI	mi	D	Ru
Unit 1: Loess		16	Mohr-Coulomb	17.5	38						0.1
Unit 2: Weak Limestone		18	Generalized Hoek-Brown				16000	55	12	0.7	0
Unit 3: Mod Str. Limestone		20	Generalized Hoek-Brown				29000	55	12	0.7	0
Unit 4: Poorly Cem. Sandstone		20	Generalized Hoek-Brown				1500	60	17	0.5	0
Unit 5: V. weak Limestone		22	Generalized Hoek-Brown				5000	65	10	0.5	0
Unit 6: Weak Limestone		18	Generalized Hoek-Brown				8000	65	10	0.5	0
Building/Retaining Wall		20	Infinite strength			No					0

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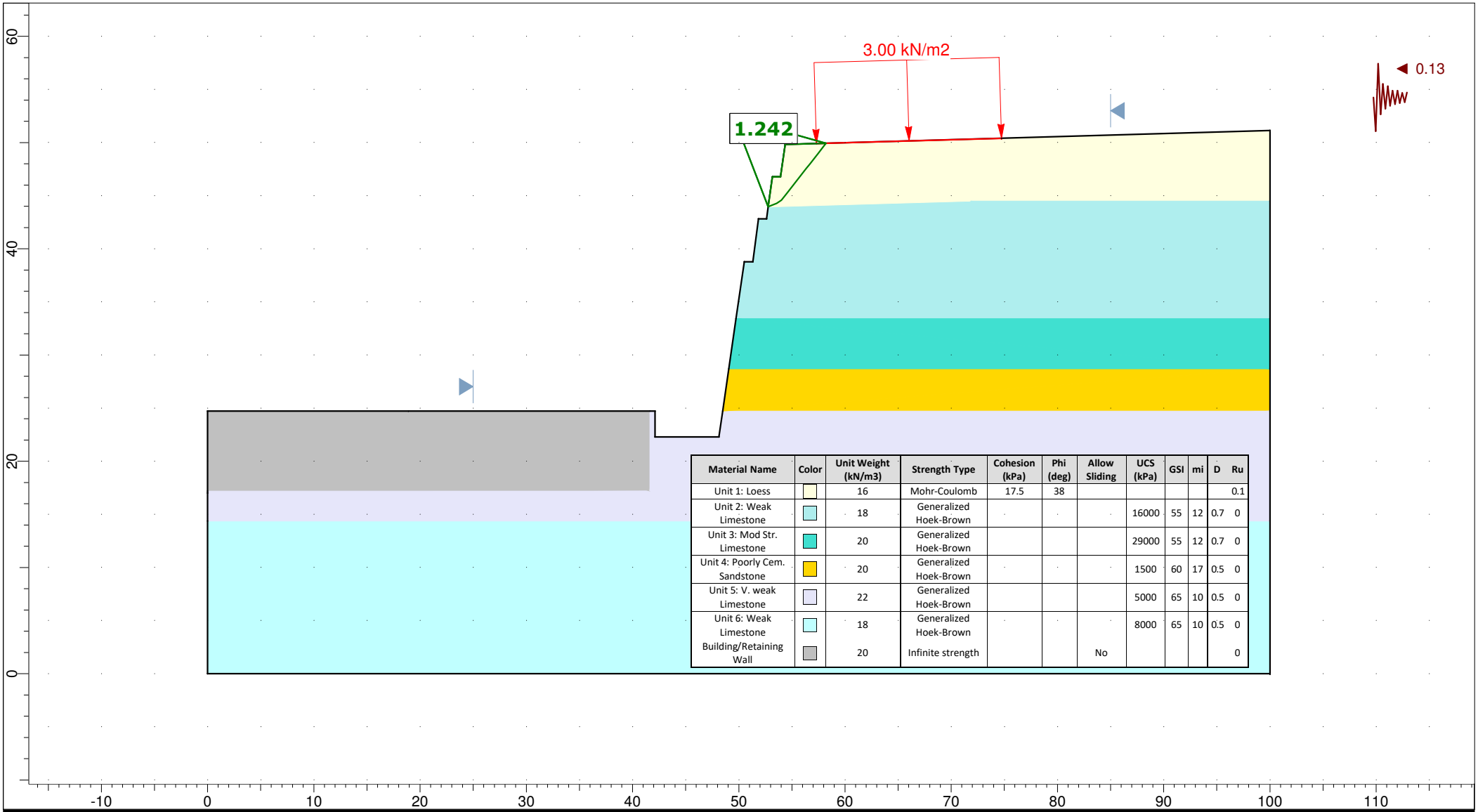
Project	SLIDE - An Interactive Slope Stability Program		
Group	GSI (Blocky/V.blocky)	*Scenario*	Master Scenario
Drawn By		*Company*	
Date	7/09/2021, 2:57:03 p.m.	*File Name*	Bayswater_Section-1_BestGuessGSI.slmd



Material Name	Color	Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (deg)	Allow Sliding	UCS (kPa)	GSI	mi	D	Ru
Unit 1: Loess		16	Mohr-Coulomb	17.5	38						0.1
Unit 2: Weak Limestone		18	Generalized Hoek-Brown				16000	55	12	0.7	0
Unit 3: Mod Str. Limestone		20	Generalized Hoek-Brown				29000	55	12	0.7	0
Unit 4: Poorly Cem. Sandstone		20	Generalized Hoek-Brown				1500	60	17	0.5	0
Unit 5: V. weak Limestone		22	Generalized Hoek-Brown				5000	65	10	0.5	0
Unit 6: Weak Limestone		18	Generalized Hoek-Brown				8000	65	10	0.5	0
Building/Retaining Wall		20	Infinite strength			No					0

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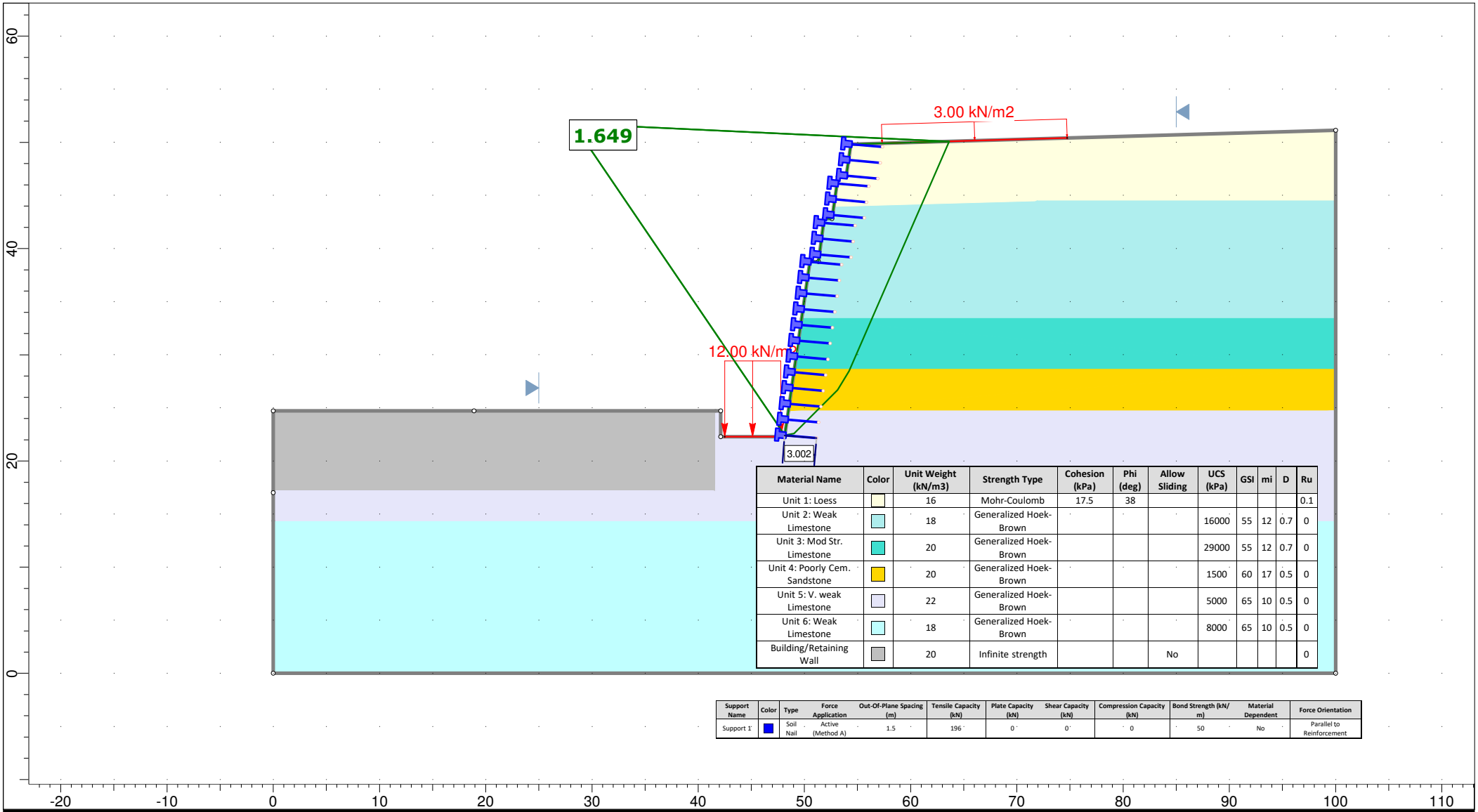
SLIDEINTERPRET 9.010

Project	SLIDE - An Interactive Slope Stability Program		
Group	GSI (Blocky/V.blocky)	*Scenario*	Seismic (Case 4)
Drawn By		*Company*	
Date	7/09/2021, 2:57:03 p.m.	*File Name*	Bayswater_Section-1_BestGuessGSI.slmd



Material Name	Color	Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (deg)	Allow Sliding	UCS (kPa)	GSI	mi	D	Ru
Unit 1: Loess		16	Mohr-Coulomb	17.5	38						0.1
Unit 2: Weak Limestone		18	Generalized Hoek-Brown				16000	55	12	0.7	0
Unit 3: Mod Str. Limestone		20	Generalized Hoek-Brown				29000	55	12	0.7	0
Unit 4: Poorly Cem. Sandstone		20	Generalized Hoek-Brown				1500	60	17	0.5	0
Unit 5: V. weak Limestone		22	Generalized Hoek-Brown				5000	65	10	0.5	0
Unit 6: Weak Limestone		18	Generalized Hoek-Brown				8000	65	10	0.5	0
Building/Retaining Wall		20	Infinite strength			No					0

Support Name	Color	Type	Force Application	Out-Of-Plane Spacing (m)	Tensile Capacity (kN)	Plate Capacity (kN)	Shear Capacity (kN)	Compression Capacity (kN)	Bond Strength (kN/m)	Material Dependent	Force Orientation
Support 1		Soil Nail	Active (Method A)	1.5	196	0	0	0	50	No	Parallel to Reinforcement

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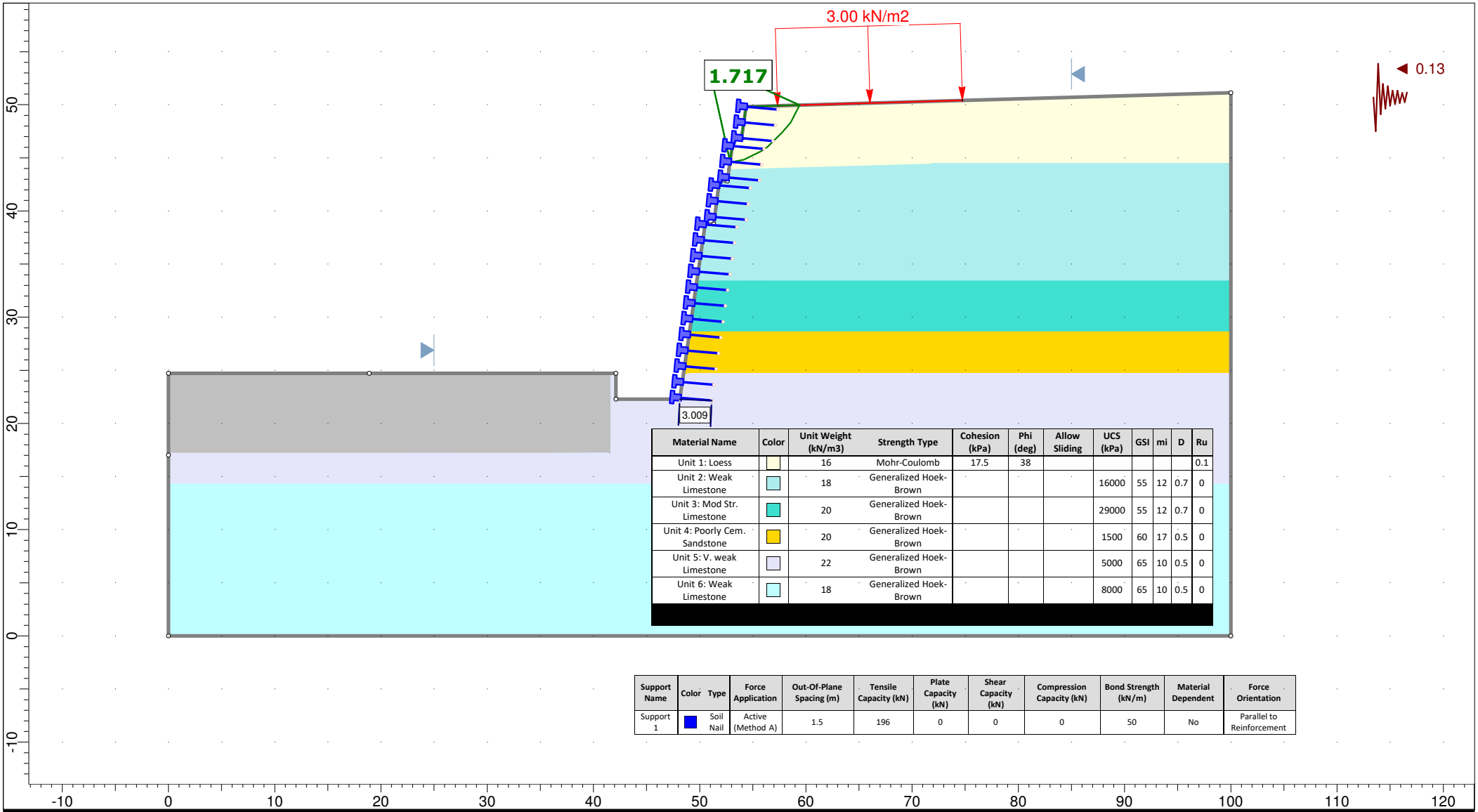
SLIDEINTERPRET 9.010

Project	SLIDE - An Interactive Slope Stability Program		
Group	Mittigation	*Scenario*	Master Scenario
Drawn By		*Company*	
Date	7/09/2021, 2:57:03 p.m.	*File Name*	Bayswater_Section-1_BestGuessGSI.slmd



Material Name	Color	Unit Weight (kN/m3)	Strength Type	Cohesion (kPa)	Phi (deg)	Allow Sliding	UCS (kPa)	GSI	mi	D	Ru
Unit 1: Loess		16	Mohr-Coulomb	17.5	38						0.1
Unit 2: Weak Limestone		18	Generalized Hoek-Brown				16000	55	12	0.7	0
Unit 3: Mod Str. Limestone		20	Generalized Hoek-Brown				29000	55	12	0.7	0
Unit 4: Poorly Cem. Sandstone		20	Generalized Hoek-Brown				1500	60	17	0.5	0
Unit 5: V. weak Limestone		22	Generalized Hoek-Brown				5000	65	10	0.5	0
Unit 6: Weak Limestone		18	Generalized Hoek-Brown				8000	65	10	0.5	0

Support Name	Color	Type	Force Application	Out-Of-Plane Spacing (m)	Tensile Capacity (kN)	Plate Capacity (kN)	Shear Capacity (kN)	Compression Capacity (kN)	Bond Strength (kN/m)	Material Dependent	Force Orientation
Support 1		Soil Nail	Active (Method A)	1.5	196	0	0	0	50	No	Parallel to Reinforcement

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SLIDEINTERPRET 9.010

Project	SLIDE - An Interactive Slope Stability Program		
Group	Mittigation	*Scenario*	Seismic (Case 4)
Drawn By		*Company*	
Date	7/09/2021, 2:57:03 p.m.	*File Name*	Bayswater_Section-1_BestGuessGSI.slmd