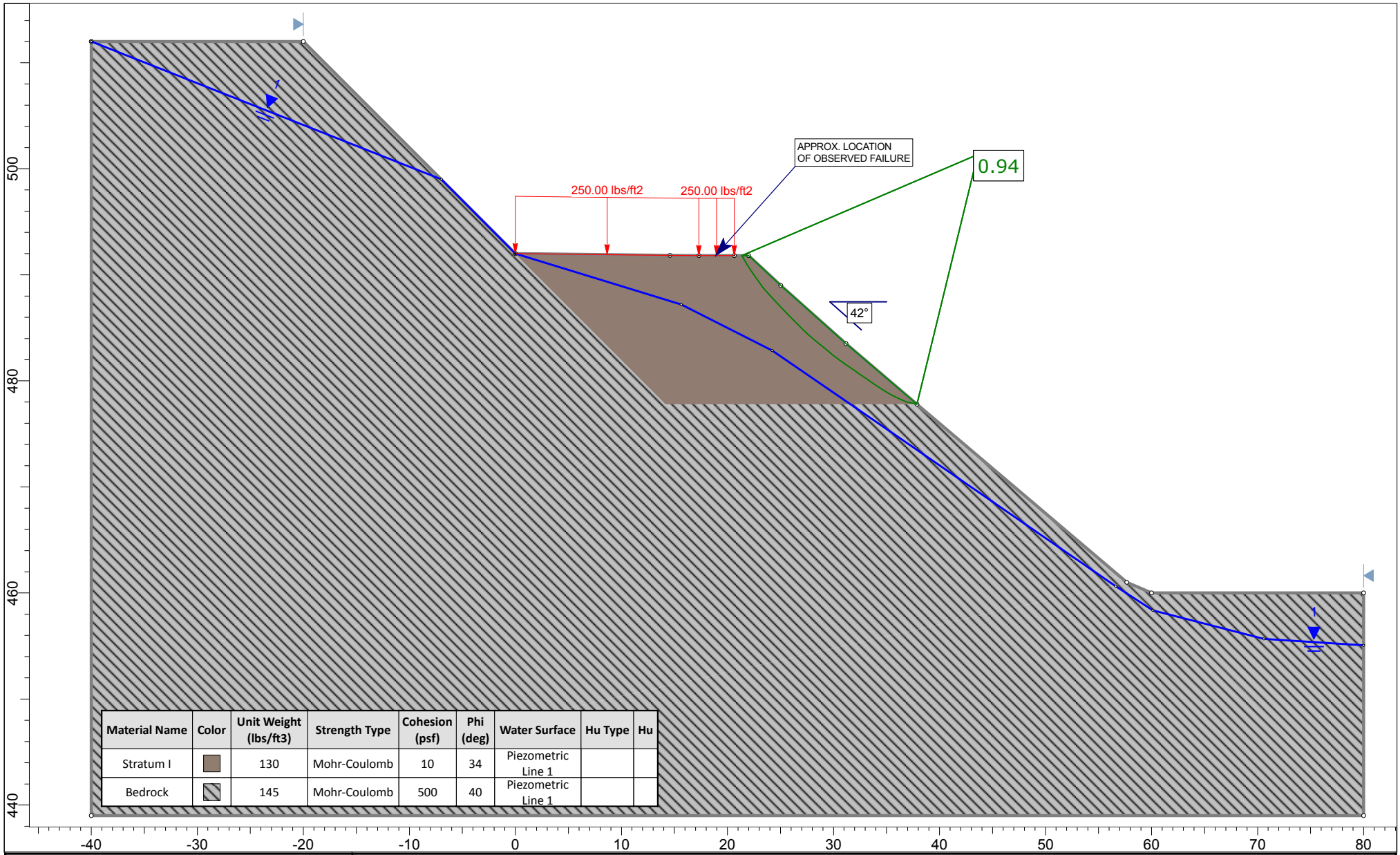

Material Name	Color	Unit Weight (lbs/ft3)	Strength Type	Cohesion (psf)	Phi (deg)	Water Surface	Hu Type	Hu
Stratum I		130	Mohr-Coulomb	10	34	Piezometric Line 1		
Bedrock		145	Mohr-Coulomb	500	40	Piezometric Line 1		

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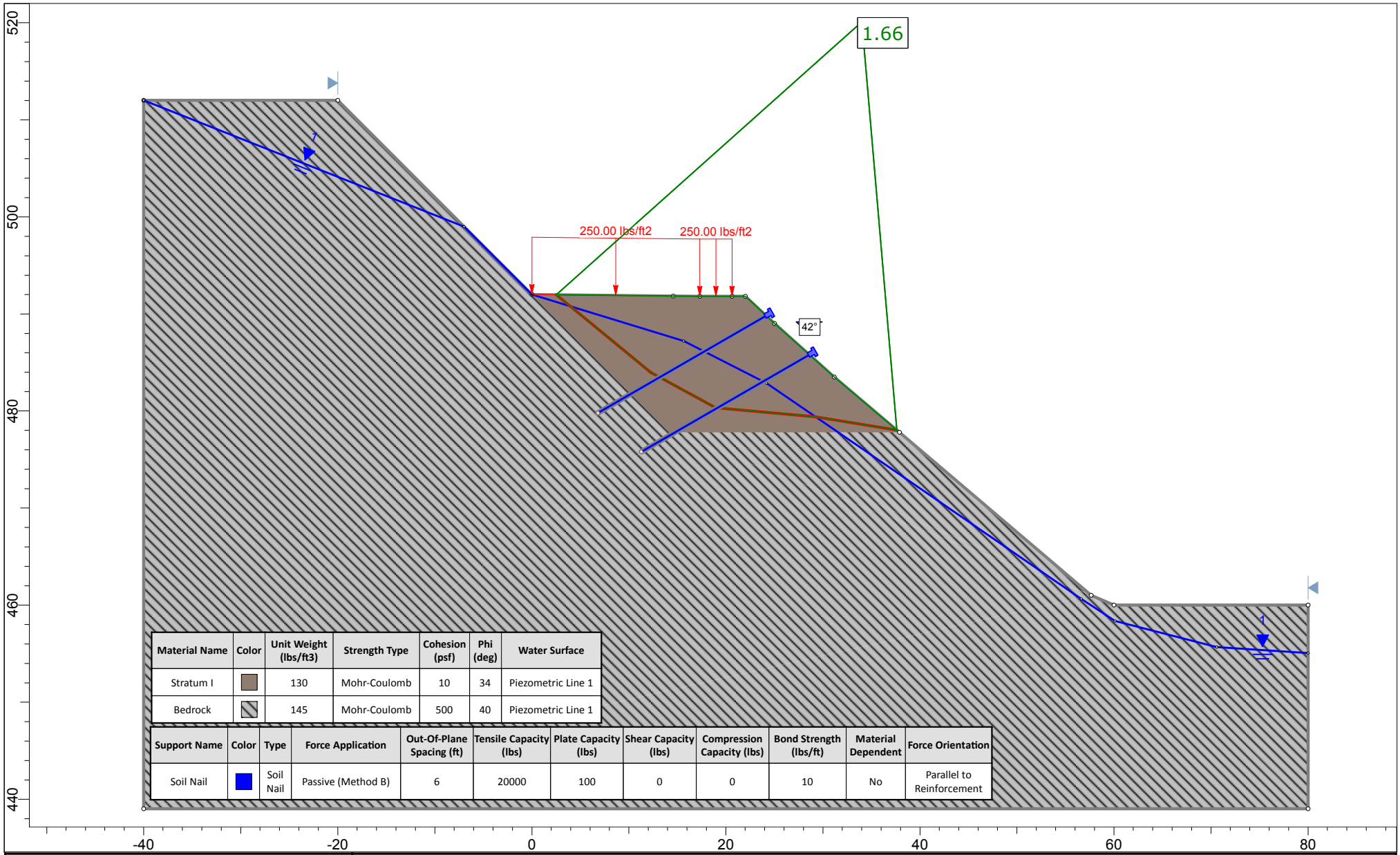
SLIDEINTERPRET 8.027

Project	BALD TOP ROAD		
Analysis Description	SLOPE STABILITY - SECTION A		
Drawn By J. Krebs	*Scale* 1:150	*Client* MAHONING TOWNSHIP	
Date 8/24/2019		*File Name* Section A.slmd	



Material Name	Color	Unit Weight (lbs/ft3)	Strength Type	Cohesion (psf)	Phi (deg)	Water Surface
Stratum I		130	Mohr-Coulomb	10	34	Piezometric Line 1
Bedrock		145	Mohr-Coulomb	500	40	Piezometric Line 1

Support Name	Color	Type	Force Application	Out-Of-Plane Spacing (ft)	Tensile Capacity (lbs)	Plate Capacity (lbs)	Shear Capacity (lbs)	Compression Capacity (lbs)	Bond Strength (lbs/ft)	Material Dependent	Force Orientation
Soil Nail		Soil Nail	Passive (Method B)	6	20000	100	0	0	10	No	Parallel to Reinforcement

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SLIDEINTERPRET 8.029

Project	BALD TOP ROAD -		
Analysis Description	SECTION A - Soil Nails - Geobrugg		
Drawn By J. Krebs	*Scale* 1:164	*Company* MAHONING TOWNSHIP	
Date 1/27/2020		*File Name* Section A.slmd	