

Depth	Soil Strength (TSF)	Slope	Ratio
1 Solid rock		90°	
2 Fractured rock		75°	¼:1
3 Stiff clay	>2.5	63°	½:1
4 Firm clay	2.5	56°	2/3:1
5 Previously disturbed soil	1.5	45°	1:1
6 Wet granular soil	1.0	34°	1½:1
7 Saturated granular soil	<1.0	26°	2:1
8 Running soil		18°	3:1

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