

Visual Soil Assessment Score Card - Soil Indicators

ST1

Visual indicators for assessing soil quality under hill country land uses

Date: _____ Land use: _____

Site location: _____

Landform: Ridge Shoulder Track Back slope
 Lower slope Upper slope Mid slope

Soil type: _____ Aspect: _____ Slope angle: _____

Textural qualifier: Sandy Loamy Clayey

Moisture condition: Dry Slightly moist Moist Wet

Seasonal weather conditions: Dry Wet Cold Warm Average

Visual Indicator of Soil Quality (see soil resources on www.beeflambnz.com for details)	Visual Score (VS) 0 = Poor condition 1 = Moderate condition 2 = Good condition	Weighting	VS Ranking
Degree of soil erosion		x 3	
Surface relief		x 1	
Topsoil depth		x 2	
Organic Matter (Humus)		x 2	
Soil structure and consistence		x 3	
Soil porosity		x 3	
Soil colour		x 2	
Number and colour of mottles		x 2	
Earthworm counts		x 2	
RANKING SCORE (Sum of VS rankings)			<input type="text"/>

Soil Quality Assessment	Ranking Score
Poor	< 10
Moderate	10 - 25
Good	> 25