

Slopes

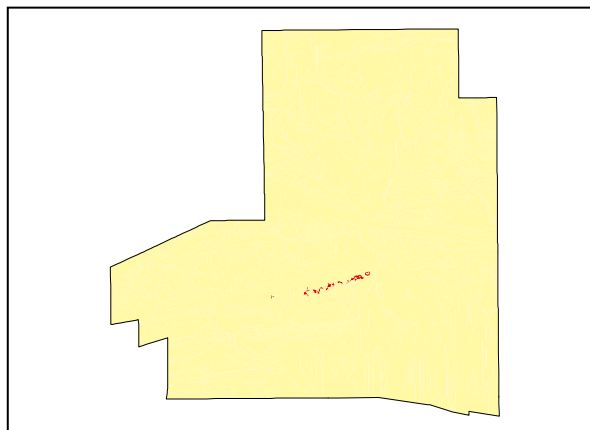
LAND UNIT 3.10**Breakaway**

DESCRIPTION: A short scarp with steep upper and mid-slopes with Rock Fuchsia Bush and low shrubs over annual and perennial grasses.

SITE: 086



Distribution of land unit.



Area = 0.36 km², 0.11% of mapped area.

LAND CAPABILITY:

ATTRIBUTES	
SLOPE (%)	17% - 50%
RELIEF (m)	40
SOIL DEPTH (m)	0.50
SURFACE CONDITION	Loose
DEPTH TO SUBSTRATE (m)	>0.50
REACTION TREND (pH)	7.5
OUTCROP (%)	35
RUNOFF	Rapid
PERMEABILITY	Moderately permeable
DRAINAGE	Moderately well drained
SALINITY (µs/cm)	109.4

DEVELOPMENT RISKS	
EROSION	High
ROCK FALL	Slight
SHEET FLOODING	None
INUNDATION	None
SALINITY	None
ALKALINITY	None
ACIDITY	None

CAPABILITY CLASS					
Formed Roads	Shallow excavations	Septic Disposal	Horticulture	Building Foundations	Landscaping
Very Poor	Very Poor	Very Poor	Very Poor	Poor	Poor

Slopes

TECHNICAL DETAILS**LAND UNIT 3.10**

DESCRIPTION: Generally comprising a short, steep scarp with steep upper and mid wash slopes with Rock Fuchsia Bush and low shrubs over annual and perennial grasses.

GEOLOGY: Tertiary silcrete capping with loose Quaternary float material forming slopes. Some Late Proterozoic dolomite forms a silcrete-covered substrate in parts.

LANDFORM: Steep maximal mid-slope or upper slope, generally comprising both a very short scarp (free face) that is often bare rockland, and a stony scarp-foot slope (debris slope).
(*Mc Donald, R.C. et. al, 1990*).

SOIL: Example from **Site 086**
MGA. Coordinates: 7372059mN, 382455mE

CLASSIFICATION: Lithosol. Rudosol - RU, CY, CZ, AR, H, M, U

SURFACE: 20% 60-200mm subangular silcrete cobbles and 40% 20-60mm subangular coarse gravelly silcrete fragments. Active creep of loose surface material is evident. 45% of a silcrete and dolomitic substrate is exposed on the lower slopes.

DEPTH (m)	HORIZON	TEXTURE	pH	SALINITY ($\mu\text{s/cm}$)	OTHER DETAILS
0.00 - 0.50	A1	Sandy clay loam (SCL)	7.5	109.4	Dark grayish brown (10YR4/2). 30% 2-6mm fine gravelly angular quartz fragments and 15% 6-20mm medium gravelly quartz fragments. Apedal incoherent structure with 20%-30% binding clay.

VEGETATION: **Site 26** (Albrecht, D. & Pitts, B. 1999).

UPPER STRATUM - Absent	
Dominant species	
Other species	
MID STRATUM - Isolated heath shrubs	
Dominant species	
Other species	Rock Fuchsia Bush, Ruby Saltbush, Mulga, Silver Cassia, <i>Senna artemisioides nothosubsp. coriacea</i> .
LOWER STRATUM - Isolated grasses	
Dominant species	<i>Bladder saltbush</i> , <i>Ptilotus parvifolius var. parvifolius</i> , <i>Woolly Copper Burr</i> .
Other species	Buffel Grass, Mueller's Peppergrass, <i>Maireana campanulata</i> , Three-wing Bluebush, Succulent Copper Burr, Grey Copper Burr, Katoora, Satiny Bluebush, Large Green Pusstail, Dwarf Lantern Flower, Boggabri, Spreading Saltbush, Buck Bush, Spiny Fanflower, Slender Glasswort.

(see Appendix 3 for botanical names)