

Slopes

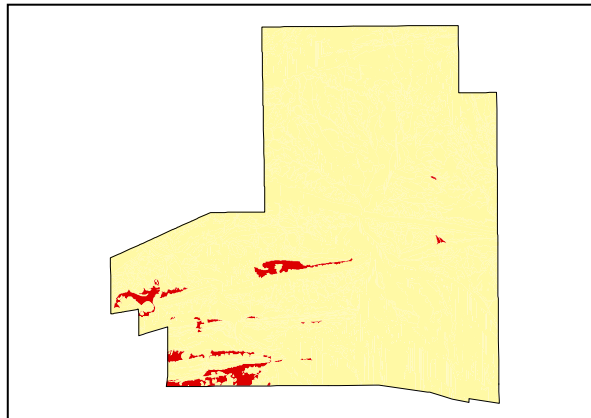
LAND UNIT 3.03**Sandy Loam Lower Wash Slopes**

DESCRIPTION: Sandy loam lower (1-5%) wash slopes with Ironwood, Mulga and Witchetty Bush over annual and perennial grass.

SITES: 049, 113, 124



Distribution of land unit.



Area = 7.74 km², 2.35% of mapped area.

LAND CAPABILITY:

ATTRIBUTES	
SLOPE (%)	1 - 5
RELIEF (m)	8
SOIL DEPTH (m)	1.0m
SURFACE CONDITION	Loose
DEPTH TO SUBSTRATE (m)	1.0m
REACTION TREND (pH)	7.0
OUTCROP (%)	-
RUNOFF	Very Slow
PERMEABILITY	Highly permeable
DRAINAGE	Rapidly drained
SALINITY (µs/cm)	11.5 to 15.0

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

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

Slopes

TECHNICAL DETAILS**LAND UNIT 3.03**

DESCRIPTION: Sandy loam lower wash slopes (1-5%) with Ironwood, Mulga and Witchetty Bush over annual and perennial grass.

GEOLOGY: Quaternary sand. Possibly of aeolian origin in some areas and colluvial / aeolian in other areas.

LANDFORM: The gently inclined slopes of this landform generally have slopes to 5% with a relief of 8m above the surrounding lower lying areas. The loose and porous sandy texture of the soil would allow rapid drainage and permeability while runoff would be very slow.

SOIL: Example from **Site 124**
MGA. Coordinates: 7367417mN, 374088mE

CLASSIFICATION: Siliceous Sands. Rudosol RU, CY, CZ, AR, E, K,

SURFACE: There is an absence of coarse surface material with vegetation fixing most areas. There is evidence of minor surface organic material that is not represented in colour chart testing.

DEPTH (m)	HORIZON	TEXTURE	pH	SALINITY (µs/cm)	OTHER DETAILS
0.00 – 0.04	A11	Clayey sand (CS)	6.5	11.5	Dark red (2.5YR 3/6) Apedal with slight coherence. No effervescence.
0.04 - 0.10	A12	Clayey sand (CS)	6.5	11.8	Dark red (2.5YR 3/6) Apedal with slight coherence. No effervescence.
0.10 - 1.00	B2	Clayey sand (CS)	7.0	15.0	Dark red (2.5YR 3/6) Apedal with slight coherence. 2% 6-20mm medium gravely subrounded sandstone fragments and 5% 2-6mm fine gravely subrounded sandstone fragments. No effervescence.

VEGETATION: **Site 194** (Albrecht, D. & Pitts, B. 1999).

UPPER STRATUM - Isolated clump of trees	
Dominant species	Ironwood
Other species	
MID STRATUM - Isolated shrubs	
Dominant species	Mulga.
Other species	Desert Cassia, Witchetty Bush, Ironwood Mistletoe, Ruby Saltbush, Silver Cassia, Wire-leaf Mistletoe, Fork-leaved Corkwood, Tall Saltbush.
LOWER STRATUM - Sparse tussock grassland	
Dominant species	Eight Day Grass,
Other species	Woollybutt Grass, Tall Copper Burr, Bindieye, Five-minute Grass, Desert Chinese Lantern, Buffel Grass, Black Crumbweed, Oatgrass, Curly Windmill Grass, Creek Windmill Grass, Purple Lovegrass, Mueller's Peppergrass, Veined Peppergrass, <i>Maireana scleroptera</i> , Sand Sunray, Buck Bush, Purple Plumegrass, Tar Vine & Yipa, Woolly Cloak Fern, Wild Melon, Cotton Panic Grass, Woollybutt Wanderrie, Goosefoot Potato Bush,

(see Appendix 3 for botanical names)