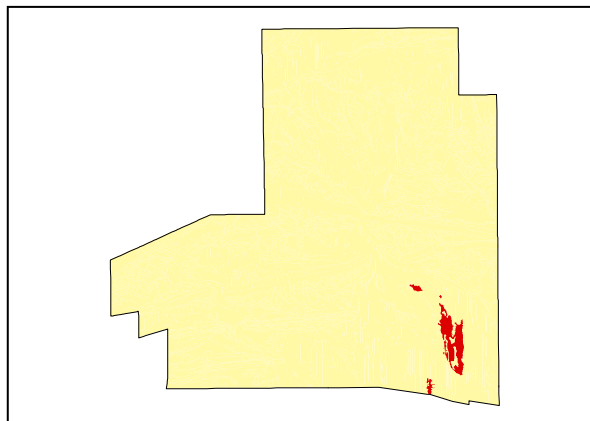


Drainage Features

LAND UNIT 5.05**Sandy Floodplain Bars**

DESCRIPTION: Elevated sandy floodplain bars with Ironwood and Witchetty Bush over annual and perennial grasses.

SITE: 102

**Distribution of land unit.**

Area = 3.06 km², 0.93% of mapped area.

LAND CAPABILITY:

ATTRIBUTES	
SLOPE (%)	3
RELIEF (m)	10
SOIL DEPTH (m)	>2.00
SURFACE CONDITION	Loose
DEPTH TO SUBSTRATE (m)	>2.00
REACTION TREND (pH)	7.0
OUTCROP (%)	-
RUNOFF	Very slow
PERMEABILITY	Highly permeable
DRAINAGE	Rapidly drained
SALINITY (µs/cm)	11.2 to 16.1

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

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

Drainage Features

TECHNICAL DETAILS**LAND UNIT 5.05**

DESCRIPTION: Elevated sandy floodplain bars with Ironwood and Witchetty Bush over annual and perennial grasses.

GEOLOGY: Quaternary, probably Holocene, alluvial sediments.

LANDFORM: This land unit consists of low elongated rises of alluvial sediment up to 4km in length, 600m in length and 10m in height. These rises have been described by Pickup (1991) as being bar fields formed on sedimentary plains deposited by extreme magnitude flood events during the Holocene. The rises were also recognised by Litchfield (1969) as being cover-sands of inactive floodplain flats related to prior streams.

SOIL: Example **Site 102**
MGA. Coordinates: 7367552mN, 389856mE

CLASSIFICATION: Siliceous Sand. Tenosol - DS, AO, AR, B, E, K, K, X

SURFACE: Loose, incoherent mass of individual sand particles with some organic matter and occasional medium quartz gravel fragments.

DEPTH (m)	HORIZON	TEXTURE	pH	SALINITY (µs/cm)	OTHER DETAILS
0.00 - 0.10	A1	Loamy sand (LS)	7.0	11.2	Dark reddish brown (5YR3/4). Apedal, incoherent structure with a sandy fabric. Non-effervescent.
0.10 - 0.30	B2	Sand (S)	7.0	14.1	Dark red (2.5YR3/6). Apedal, incoherent structure with a sandy fabric. Non-effervescent.
0.30 - 0.70	B2	Sand (S)	7.0	13.2	Dark red (2.5YR3/6). Apedal, incoherent structure with a sandy fabric. Non-effervescent.
0.70 - 1.00	B2	Sand (S)	7.0	12.5	Dark red (2.5YR3/6). Apedal, incoherent structure with a sandy fabric. Non-effervescent.
1.00 - 1.50	B2	Sand (S)	7.0	16.	Dark red (2.5YR3/6). Apedal, incoherent structure with a sandy fabric. Non-effervescent.
1.50 - 2.00	B2	Sand (S)	7.0	13.8	Dark red (2.5YR3/6). Apedal, incoherent structure with a sandy fabric. Non-effervescent.

VEGETATION: **Site 212** (Albrecht, D. and Pitts, B. 1999).
In undisturbed areas not colonised by Buffel Grass, these areas generally support tussock grassland dominated by Erect Kerosene Grass.

UPPER STRATUM - Isolated clump of trees	
Dominant species	Ironwood,
Other species	Ironwood Mistletoe,
MID STRATUM - Sparse shrubland	
Dominant species	
Other species	Witchetty Bush, Colony Wattle, Wire-leaf Mistletoe, Desert Cassia, Whitewood,
LOWER STRATUM - Sparse grassland	
Dominant species	Buffel Grass
Other species	Munyeroo, Tall Copper Burr, <i>Sclerolaena costata</i> , Bindieye, Wild Hops, <i>Boerhavia repleta</i> , Yellow Billybuttons, Leafy Burr Daisy, Small Yellow Button, Climbing Saltbush, Ruby Saltbush, <i>Heliotropium</i> sp. (one or both of <i>H.cunninghamii</i> & <i>H.tanythrix</i>), Birdsville Indigo, Mueller's Peppergrass, <i>Maireana scleroptera</i> , Cattle Bush, Five-minute Grass, Hogweed, Pale-leaf Mistletoe, Erect Kerosene Grass, Tickweed, Curly Windmill Grass, Weeping Emu Bush, Crimson Foxtail.

(See Appendix 3 for botanical names)