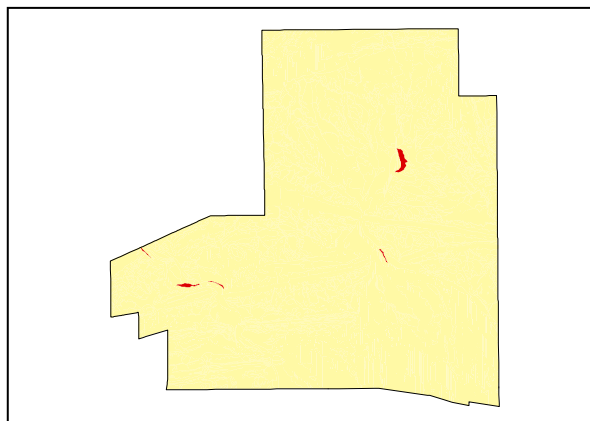


Plains

LAND UNIT 4.08**Upper Terrace Flat****DESCRIPTION:** Upper floodout terrace flats with clumps of River Red Gums over Buffel Grass.**SITE:** 118**Distribution of land unit.**Area = 0.65 km², 0.20% of mapped area.**LAND CAPABILITY:**

ATTRIBUTES	
SLOPE (%)	1
RELIEF (m)	2
SOIL DEPTH (m)	>2.00
SURFACE CONDITION	Loose
DEPTH TO SUBSTRATE (m)	>2.00
REACTION TREND (pH)	6.5 to 8.0
OUTCROP (%)	-
RUNOFF	Very slow
PERMEABILITY	Highly permeable
DRAINAGE	Rapidly drained
SALINITY (µs/cm)	16.8 to 21.0

DEVELOPMENT RISKS	
EROSION	Slight
ROCK FALL	None
SHEET FLOODING	Severe
INUNDATION	Severe
SALINITY	None
ALKALINITY	Moderate (at depth)
ACIDITY	None

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

Plains

TECHNICAL DETAILS**LAND UNIT 4.08****DESCRIPTION:** Upper floodout terrace flat.**GEOLOGY:** Quaternary, most likely Holocene sands derived from regional Proterozoic and Palaeozoic rocks.**LANDFORM:** Small flats aggraded or eroded by channelled or over-bank stream flow, standing above a scarp and no longer frequently inundated (McDonald *et al.* 1990). This land unit is part of a former flood plain and has minor internal drainage channels that would be regularly inundated with annual rainfall.**SOIL:** Example **Site 118**
MGA. Coordinates: 7370710mN, 376452mE**CLASSIFICATION:** Siliceous Sand. Tenosol - TE, DS, AO, AR, A, E, K, K, X**SURFACE:** Loose, incoherent mass of individual particles with occasional loose aggregates that separate when touched. The surface is easily disturbed by pressure of forefinger. Rare (<1%) subrounded 20-60mm coarse gravelly quartz fragments are evident.

DEPTH (m)	HORIZON	TEXTURE	pH	SALINITY ($\mu\text{s/cm}$)	OTHER DETAILS
0.00 - 0.10	A1	Loamy sand (LS)	6.5	18.8	Strong brown (7.5YR5/6). 1% 2-6mm fine gravelly subrounded quartz fragments. Apedal, single grain, incoherent mass of individual particles. Non effervescent.
0.10 - 0.30	B21	Sand (S)	7.5	16.8	Strong brown (7.5YR5/6). 2% 2-6mm fine gravelly subrounded quartz fragments. Apedal, single grain, incoherent mass of individual particles. Non effervescent.
0.30 - 0.80	B21	Sand (S)	8.0	21.0	Strong brown (7.5YR5/6). 2% 2-6mm fine gravelly subrounded quartz fragments. Apedal, single grain, incoherent mass of individual particles. Non effervescent.
0.80 - 1.50	B21	Sand (S)	8.0	18.1	Strong brown (7.5YR5/6). 3% 2-6mm fine gravelly subrounded quartz fragments and 1% 6-20mm medium gravelly subrounded quartz fragments. Apedal, single grain, incoherent mass of individual particles. Non effervescent.
1.50 - 2.00	B21	Sand (S)	8.0	19.7	Strong brown (7.5YR5/6). 3% 2-6mm fine gravelly subrounded quartz fragments and 1% 6-20mm medium gravelly subrounded quartz fragments. Apedal, single grain, incoherent mass of individual particles. Non effervescent.

VEGETATION: **Site 163** (Albrecht, D. & Pitts, B. 1999).

UPPER STRATUM - Isolated clump of trees	
Dominant species	River Red Gum.
Other species	
MID STRATUM - Isolated clump of shrubs	
Dominant species	
Other species	Acacia Bush, Witchetty Bush, Colony Wattle, Whitewood, Wild Orange, Silver Cassia.
LOWER STRATUM - Grassland (Buffel and Couch Grass obscuring native grasses)	
Dominant species	Buffel Grass, Couch Grass.
Other species	Mexican Poppy, Cane Grass Three-awn, Tar Vine & Yipa, Colocynth, Buck Bush, Desert Chinese Lantern, Boggabi, Wild Turnip, Caper Bush, Tall Fleabane, Native Thornapple, Cotton Panic Grass, Woolly Glycine, Natal Red Top, Fruit-salad Bush, Goathead Burr, Sticky Blue-rod, Grey Swainsona.

(See appendix 3 for botanical names)