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SOILS AND LANDFORM

ALBERT RIVER CHARDONS BRIDGE - BOYLANDS AREA

Compiled by J K Loi, D T Malcolm and J V Armbruster August 1995
 Map Projection Universal Transverse Mercator Zone 56

SCALE 1 : 50 000



INTENSITY STATEMENT: This is a medium intensity soil survey. The soil survey was based on aerial photograph interpretation and ground observations of the order of one observation to an area of 33 hectares.

REFERENCE

SOILS

Symbol	Mapping Unit	SPC ^a	Major Attributes of Dominant Soil Types	ASC ^b	Main PPFs ^c	Area (ha)
SOILS ON ALLUVIAL PLAINS AND TERRACES						
[Light Blue Box]	BI	Bell	0.15m dark light clay to light medium clay over dark medium clay. Imperfectly drained with surface pH of 6.1 and subsoil 8.5. Soil depth >1.2m.	Black Vertosol	Ug 5.16	1507
[Light Green Box]	Ma	Maclean	0.15m bleached grey or dark fine sandy clay loam over commonly mottled grey medium clay. Imperfectly drained with uniform pH of 6.3 throughout. Soil depth > 1.5m.	Grey Kurosol	Dy 3.41	5.7
[Dark Blue Box]	Pn	Payne	0.2m dark light clay over commonly mottled brown or yellow-brown medium clay. Imperfectly to poorly drained with surface pH of 6.2 and subsoil 5.5-6.5. Soil depth > 1.0m.	Brown Vertosol	Ug 5.25 Ug 5.35	320
[Light Blue Box]	Rk	Rockford	0.1m dark or brown light clay over grey medium clay. Imperfectly to poorly drained with surface pH of 6.5 and subsoil up to 8.5. Soil depth > 1.0m.	Grey Vertosol	Ug 5.24	39
SOILS ON RISES						
[Light Orange Box]	Kn	Kooruhman	0.2m brown or grey loamy sand over brown loamy sand to fine sandy loam. Well drained with surface pH of 6.2 and subsoil 5.9. Soil depth 0.3-0.5m.	Orthic Tenosol	Uc 5.11	172
[Light Red Box]	VI	Vale	0.25m bleached dark or grey sandy loam to fine sandy clay loam over grey or yellow-brown fine sandy medium clay to medium heavy clay. Imperfectly drained with surface pH of 6.0 and subsoil 5.3. Soil depth 0.5m.	Grey Sodosol	Dy 3.41	189
[Red Box]	Wg	Wyaralong	0.3m bleached dark or grey fine sandy loam to loamy sand over commonly mottled grey fine sandy light to medium clay. Imperfectly drained with surface pH of 6.0 and subsoil 5.8. Soil depth 0.55-1.2m.	Grey Sodosol	Dy 3.41 Dy2.41	3.9
MISCELLANEOUS						
[Light Blue Box]	Stc	Stream Channels				212
[Grey Box]	Sw	Swamps				122

LANDFORM

Symbol	Relief-Modal Class ^d	Description
LP	Level Plains	<9m relief and <1% slope
GP	Gently Undulating Plains	<9m relief and 1-3% slope
UP	Undulating Plains	<9m relief and 3-10% slope
GR	Gently Undulating Rises	9-30m relief and 1-3% slope
UR	Undulating Rises	9-30m relief and 3-10% slope

a Soil Profile Class.
 b Australian Soil Classification (Isbell et al. 1994).
 c Main Principle Profile Forms (Northcote 1971).
 d Relief-Modal Slope as defined by Speight in McDonald et al. (1990).

LEGEND

- Study boundary
- Shire boundary
- Creek Reserves
- Cadastral boundaries
- Unique Mapping Area number

