

Map	ping Unit	Major Attributes of the Dominant Soil	Landform	Austra
Bo	Bony	Very shallow, acid to neutral, brown, sandy loam to clay loam.	Hillslopes of undulating plains	Leptic
Ea	Ellangowan	Moderately deep to deep, texture contrast, with hardsetting surface and	and rises. Hillslopes of undulating plains	Yellow
-9		bleached A2 over sodic, alkaline, mottled clay.	and rises.	
Vt	Victoria	Moderately deep, texture contrast, with nardsetting surface and thin bleached A2 over sodic, neutral to alkaline, red-brown to red clay. Moderately deep to deep, sandy clay loam grading into neutral to alkaline, yellow to yellow-brown clay.	Hillslopes of undulating plains and rises. Hillslopes of undulating plains.	Red of Red of Yellow
Fine-grain	ed sediments (Wa Acland	alloon Coal Measures) Moderately deep to deep, acid to neutral, brown to red-brown clay over	Hillslopes of undulating plains	Red D
Мо	Moola	sodic, aikaline, red-brown clay. Gilgaied, moderately deep, alkaline, grey-brown cracking clay over sodic, alkaline, yellow-brown clay.	and rises. Hillslopes of undulating plains and rises.	Grey \
Basaltic uj	plands Wellcamp	Very shallow, rocky, neutral, dark to brown, loam to clay loam.	Hillslopes and crests of	Brown
Km	Kenmuir	Very shallow, rocky, acid to neutral, brown to red-brown, loam to clay	undulating rises and low hills. Hillslopes and crests of	Red or
Ва	Beauaraba	loam. Very shallow, rocky, neutral to alkaline, cracking, black clay.	undulating rises and low hills. Hillslopes and crests of	Black
Cd	Cawdor	Very shallow to shallow, rocky, neutral, red-brown to dark clay.	undulating rises and low hills. Scarps and hillslopes of undulating to steep rises and low	Brown
CI	Croxley	Very shallow to shallow, rocky, neutral to alkaline, dark to brown clay (sometimes mottled).	hills. Hillslopes of gently undulating plains.	Black
MI	Mallard	Shallow, neutral brown clay loam over neutral, brown, mottled clay.	Hillslopes of gently undulating plains.	Red o
Ab	Aubigny	Shallow to moderately deep, alkaline, red-brown to red clay with free carbonate in the subsoil.	Hillslopes of gently undulating plains.	Red F
Ng	Nungil	Moderately deep, acid dark clay over neutral to alkaline, red clay.	Hillslopes of gently undulating plains and basalt benches.	Red F
Sb	Southbrook	Moderately deep to deep, neutral, red-brown to red clay.	Hillslopes of undulating plains and rises.	Red F
Bt	Burton	Moderately deep to deep, neutral, red clay over tephra or red material.	Hillslopes of level to gently undulating plains.	Red F
Ct	Charlton	Moderately deep, alkaline, black, medium to coarse structured, cracking clay.	Hillslopes of undulating plains and rises.	Black
Pw	Purrawunda	Moderately deep, alkaline, black, fine to medium structured, cracking clay.	Hillslopes of undulating plains and rises.	Black
Ad	Aberdeen	Deep to very deep, alkaline, red-brown to red, cracking clay.	Footslopes and hillslopes of gently undulating plains and rises.	Red or
Cm	Craigmore	Deep, alkaline, black, medium to coarse self-mulching, cracking clay with linear gilgai.	Footslopes and hillslopes of gently undulating plains and rises.	Black
lv	Irving	Deep, alkaline, black, fine to medium self-mulching, cracking clay.	Footslopes and hillslopes of gently undulating plains and rises.	Black
Mg	Murlaggan	Deep, alkaline, black, medium to coarse self-mulching, cracking clay deposited over sandstone.	Footslopes and hillslopes of gently undulating plains and rises.	Black
Yg	Yargullen	Moderately deep, alkaline black, self-mulching cracking clay over soft grey to white, calcareous material.	Drainage depressions and footslopes of undulating plains and rises.	Hypero Vertos
Highfields	Plateau			
Cb	Cabarlah	Very shallow to shallow, acid, red-brown to red, clay loam to light clay.	Crests and hillslopes of undulating plains and rises.	Red Fe
Bn	Borneo	Moderately deep to deep, acid to neutral, red clay with ironstone.	Hillslopes of undulating plains and rises.	Red Fe
Pt	Palmtree	Deep to very deep, acid, red-brown clay.	Hillslopes of gently undulating plains and rises.	Red Fe
Rb	Ravensbourne	Deep to very deep, acid to neutral, red clay.	Hillslopes of gently undulating to undulating plains and rises.	Red Fe
Toowoom	Drayton	Moderately deep, neutral, red clay over baselt	Hillslones of gently undulating to	Red F
Kn	Kunoch	Doop, poutral red clay over basalt	Hillslopes of gently undulating to	Red F
Ne	Nelson	Moderately deep to deep, neutral brown structured clays with ferro-	undulating plains and rises.	Yellow
	Neison	manganiferous segregations.	depressions of undulating plains and rises.	1 chow
Gb	Gabbinbar	Deep to very deep, snuffy, neutral, red clay.	Hillslopes of gently undulating to undulating plains and rises.	Red Fe
Mr	Middle Ridge	Deep to very deep, acid, red clays with ferric subsoils.	Hillslopes of gently undulating to undulating plains and rises.	Red Fe
Rv	Ruthven	Deep to very deep, acid to neutral, red clay.	Hillslopes of gently undulating to undulating plains and rises.	Red Fe
Mixed base	alt and fine-graine	ed sediment colluvia Deep to very deep, neutral to alkaline, black, self-mulching cracking clavs.	Footslopes and hillslopes of undulating plains and rises.	Black
Basaltic al	luvia			
Gv	Glenvale	Moderately deep, neutral to alkaline, black, cracking clay over basalt rocks.	Upper reaches of stream channels.	Black
EI	Eulawra	Deep to very deep, neutral to alkaline, black stratified clay.	Stream channels and levees.	Black
Gr	Gowrie	Deep to very deep, neutral to alkaline, black, self-mulching cracking clay with minor stratification.	Levees and terraces.	Black
Ро	Pony	Deep to very deep, neutral to alkaline, red cracking clay.	Levees and terraces of streams associated with the Toowoomba Plateau.	Red V
Wc	Waco	Deep to very deep, neutral to alkaline, black, self-mulching cracking clay over grey-brown or brown, alkaline clay.	Alluvial plains and fans, back plains.	Black
Mixed allu	via Oskov	Deep to very deep, hardsatting, taxture contrast with acid, red-brown	Relict alluvial plains	Red S
Dm	Dalmeny	sandy clay loam over sodic, alkaline, red or red-brown clay.	Relict alluvial plains	Black
Hm	Haslemere	clay loam over alkaline, dark clay.	Relict alluvial plains.	Brown
Cv	Cecilvale	clay loam over alkaline, dark brown to brown clay.	Ox-bows, drainage depressions	Grev V
Mm	Millmerran	textured, acid to neutral, crust.	and backplains.	Brown
Gm	Glenmore	self-mulching, cracking clay.	and backplains.	Black
Mb	Mywybilla	mulching, cracking clay. Deep to very deep, alkaline, black, coarse self-mulching, cracking clay.	Ox-bows, drainage depressions	Black
Miscelland	ous unite		and backplains.	
DAM	Dam or other wa	aterbody		
DLA	Disturbed land -	- Anthroposols - refuse dump		
DLD	- Disturbed land - Disturbed land	- refuse dump - gravel/borrow pit or scrape		
DLO	Disturbed land -	- other		
DLQ	Disturbed land -	- quarry		
GUL	Disturbed land -	- waterway		
Soil Phase	e and Variant sym	bols		
Fv F Rv R	ine sandy surfaced va ed Variant	ariant		
Notes: • Soil • Map	ls are listed from light p shows dominant soil	est to heaviest texture and/or from shallowest to deepest. only.		
While everv	care is taken to ensure i	Disclaimer the accuracy of this product, the Department of Natural Resources and Mines makes no	representations or	

REFERENCE

warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

SOILS NR&M Ref. No. EDS-I-A0 3254

alian Soil Classification	Area (ha)
Tenosol; Brown Kandosol	111
v or Grey Sodosol	5
r Brown Sodosol; r Brown Chromosol	4
/ Dermosol	24
lermosol	57
/ertosol	26
Dermosol	211
r Brown Dermosol	2 833
Dermosol	6 309
or Black Dermosol	1 394
or Brown Dermosol	52
r Brown Dermosol	45
errosol	208
errosol	880
errosol	1 411
errosol	545
Vertosol	6 776
r Brown Vertosol	2 00
Vertosol	5 485
Vertosol	3 730
Vertosol	141
calcic Calcarosol; Black	6
ol	
errosol	243
errosol	717
errosol	340
errosol	2 537
errosol	526
errosol	235
or Brown Ferrosol	303
errosol	94
errosol	323
errosol	1 660
Vertosol	22
Vertosol	563
Vertosol	1 185
Vertosol	362
ertosol	9
Vertosol	3 348
odosol: Red Chromosol	2 185
Sodosol	1 255
Sodosol	413
/ertosol	64
Vertosol	344
Vertosol	59
Vertosol	31
	24 53
	46
	42
	71 28
	16