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**NOTES**  
1. A Factual Key for the Recognition of Australian Soils (Northcote K. H. 1979).  
2. The Australian Soil Classification (Isbell R. F. 1996).  
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**INTENSITY STATEMENT**  
This is a medium intensity soil survey. Recorded ground observations are in the order of one per 31 ha.

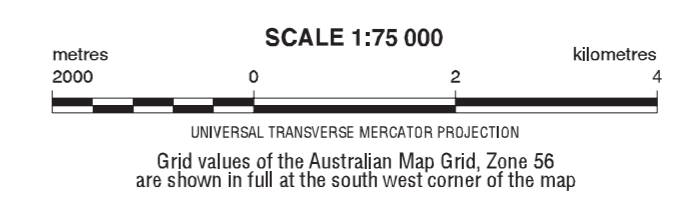
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**CARTOGRAPHY** by A. R. Mc Donagh, Resource Management, Central Region, Department of Natural Resources.

BASE MAP compiled from the Digital Cadastral Data Base, Department of Natural Resources, Brisbane.  
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## YEPPOON AREA SOILS



Soil Code	Soil Name	Features of the Dominant Soil	Factual Key	Australian Soil Classification	Area (ha)
<b>SOILS OF THE HILLS AND RISES ON SEDIMENTARY ROCKS AND METASEDIMENTS</b>					
<b>Uniform loams and clay loams</b>					
Di	Darts	Shallow very gravelly brown or dark loamy soil; occasional rock outcrop	Um2.12	Bleached-Leptic Tenosol	499
Bl	Blamby	Shallow gravelly bleached loamy soil	Um2.12	Bleached-Leptic Tenosol	39
Mv	Morven	Shallow gravelly brown clay loamy soil; occasional rock outcrop	Um4.11	Leptic Tenosol	48
<b>Gradational soils</b>					
Cr	Coorooman	Very gravelly sandy or loamy surface grading to a gravelly brown or red massive clay loamy subsoil; occasional rock outcrop	Gn2.14	Brown or Red Kandosol	3166
Ci	Cobbleton	Cobbly loamy surface grading to a gravelly red massive clay subsoil; occasional stone	Gn2.14	Red Kandosol	31
Bh	Beecher	Gravelly clay loamy surface grading to a red massive clay subsoil	Gn2.11	Red Kandosol	369
Eb	Elizabeth	Clay loamy surface grading to a red massive clay subsoil	Gn2.11	Red Kandosol	722
Lz	Lizard	Clay loamy surface grading to a red structured clay subsoil; occasional gravel	Gn3.11	Red Ferrosol	1135
Fb	Famborough	Clay loamy surface grading to a yellowish brown clay subsoil	Gn3.71	Brown Dermosol	133
<b>Texture contrast soils - red subsoil</b>					
Ds	Doonside	Gravelly loamy or clay loamy surface over red clay subsoil; occasionally bleached	Dc2.21 Dc2.41	Red Chromosol	1102
Cw	Conway	Gravelly loamy surface over mottled red clay subsoil	Ds4.41	Red Kurosol	17
Br	Barrack	Clay loamy surface over red clay subsoil	Ds4.21	Red Chromosol	67
Bf	Bayfield	Loamy surface with pale yellow subsurface over mottled red clay subsoil	Ds3.31	Red Kurosol	107
<b>Texture contrast soils - yellow brown subsoil</b>					
Kp	Koppel	Gravelly bleached clay loamy surface over acid mottled yellowish brown sodic clay subsoil	Dy3.41	Brown Sodosol	3587
Nb	Newby	Gravelly bleached clay loamy surface with cemented subsurface over mottled yellowish brown sodic clay subsoil	Dy3.41	Brown Sodosol	55
Aw	Awonga	Gravelly bleached clay loamy surface over alkaline mottled brown sodic clay subsoil	Dy3.43	Brown Sodosol	303
Es	Ebon	Gravelly black clay loamy surface over alkaline yellowish brown clay subsoil	Dy4.13	Brown Chromosol	46
To	Todds	Loamy surface with pale yellow subsurface over mottled yellowish brown clay subsoil	Dy5.31	Brown Chromosol or Brown Kurosol	54
Lt	Liston	Loamy surface with very thick yellow subsurface over mottled yellowish brown clay subsoil	Dy5.21	Yellow Kurosol	16
Hs	Henson	Thick bleached loamy surface over mottled yellow clay subsoil	Dy5.41	Yellow Chromosol	115
<b>Texture contrast soils - grey brown subsoil</b>					
Ss	Sable	Gravelly black clay loamy surface over greyish brown clay subsoil	Dy5.13	Grey Chromosol	17
Rd	Roadlyn	Gravelly bleached clay loamy surface over acid mottled grey sodic or magnetic clay subsoil	Dy3.41	Grey Sodosol or Grey Kurosol	582
Tb	Tanby	Gravelly bleached loamy surface over acid mottled grey magnetic clay subsoil	Dy5.41	Grey Kurosol	587
Mt	Montrose	Bleached silty surface over alkaline greyish brown sodic clay subsoil	Dy3.43	Brown Sodosol	33
Sp	Stange	Thick bleached loamy or sandy surface over acid mottled grey magnetic clay subsoil	Dy5.41	Grey Kurosol	520
Kl	Kedy	Very thick bleached sandy surface over mottled grey clay subsoil; occasional dark brown hardpan	Dy5.81	Grey Kurosol	15
<b>SOILS OF HILLS AND RISES ON GRANITIC ROCKS AND SEDIMENTS</b>					
<b>Uniform or gradational soils</b>					
Gf	Gayfield	Stony loamy brown soil; occasional rock outcrop	Uk4.13	Leptic Tenosol	482
Rv	Raven	Black loamy soil; occasional stone and boulder	Um6.41	Chemic-Leptic Tenosol	624
Ml	Melland	Coarse sandy or loamy surface grading to a red or brown clay loamy subsoil or coarse sandy throughout	Gn2.12 Uk5.21	Red Kandosol or Orthic Tenosol	37
<b>Texture contrast soils</b>					
Fd	Flanders	Very thick loamy surface with pale yellow subsurface over mottled grey clay subsoil	Dy5.21	Grey Kurosol	508
Bt	Broughton	Very thick sandy surface with pale yellow subsurface over mottled grey clay subsoil	Dy5.21	Grey Kurosol	122
Yd	Yadley	Very thick loamy surface with bleached subsurface over mottled grey clay subsoil	Dy5.41	Grey Kurosol	281
Ad	Arnolds	Very thick sandy surface with bleached subsurface over mottled grey clay subsoil	Dy5.41	Grey Kurosol	128
Nw	Neven	Bleached loamy surface over alkaline mottled brown clay subsoil; cemented hardpan below 0.5m	Ds2.83	Brown Sodosol	66
<b>SOILS OF HILLS AND RISES ON VOLCANIC ROCKS</b>					
<b>Gradational soils</b>					
Bk	Beaks	Gravelly loamy surface grading to a gravelly brown or red clay loamy massive subsoil	Gn2.44	Brown Kandosol	412
<b>Texture contrast soils</b>					
Sv	Stevens	Gravelly dark clay loamy surface over red clay subsoil	Ds4.21	Red Kurosol	79
<b>SOILS OF DRAINAGE LINES, CREEK TERRACES AND PLAINS</b>					
<b>Uniform sands</b>					
Mt	Military	Grey brown sandy surface over yellow brown sand	Uk4.21	Orthic Tenosol	57
At	Austins	Thick bleached sandy surface over brown sand	Uk2.21	Aeric Podosol	39
<b>Uniform loams and clay loams</b>					
Va	Valetta	Loamy surface with brown or red loamy subsoil	Uk5.21	Orthic Tenosol	225
Mn	Magnan	Clay loamy or silty surface over grey cemented manganese hardpan	Um2.3	Bleached-Leptic Tenosol	381
Ld	Lidon	Clay loamy surface with bleached subsurface over buried soils	Um2	Bleached-Leptic Tenosol	25
<b>Gradational soils</b>					
Rb	Ruby	Gravelly clay loamy surface grading to a gravelly red or brown clay subsoil	Gn2.11	Red or Brown Kandosol	889
Cd	Condony	Clay loamy surface grading to a dark structured clay subsoil	Gn3.43	Black Dermosol	95
Pd	Paddy's	Thick bleached clay surface over grey cemented hardpan	Gn2.94	Bleached-Leptic Tenosol	186
<b>Texture contrast soils</b>					
Yp	Yeppoon	Bleached silty surface over acid mottled grey to brown clay subsoil	Dy3.41	Grey Sodosol or Grey Chromosol	2855
Yg	Yariga	Bleached silty surface over alkaline mottled grey to brown clay subsoil; occasional normal gilgai	Dy3.43	Grey or Brown Sodosol	477
Lm	Loma	Bleached clay loamy surface over yellowish brown clay subsoil	Dy3.42	Brown Sodosol	56
Tl	Teralba	Thick loamy surface over grey to brown clay subsoil	Dy3.41	Grey or Brown Sodosol	929
Ss	Simpsons	Very thick pale yellow sandy surface over brown clay subsoil	Dy4.71	Brown Chromosol	18
<b>Uniform clays</b>					
Fa	Plain	Black non-cracking clay overlying grey clay and gravel	Uk6.32	Black Dermosol	104
Cn	Cottons	Deep black non-cracking clay; normal gilgai	Uk6.32	Black Dermosol	101
Is	Inoport	Deep partly bleached grey non-cracking clay; normal gilgai	Uk3	Grey Dermosol	55
Cs	Cassandra	Deep black cracking clay; normal gilgai	Uk5.16	Black Vertisol	137
Ah	Achan	Deep grey cracking clay; normal gilgai	Uk5.24	Grey Vertisol	3
<b>SOILS OF BEACH RIDGES AND SAND PLAINS</b>					
Ss	Selma	Association of ridges with brown fine sand over yellow to brown fine sand, and, outside with bleached fine sand over brown fine sand; alkaline substrate	Uk5.11 Uk2.21	Orthic Tenosol Aeric Podosol	130
Kk	Kinka	Association of ridges with grey to brown fine sand over yellow to brown fine sand, and, outside with bleached fine sand over brown fine sand; neutral or acid substrate	Uk1.21 Uk2.21	Aeric Podosol Aeric Podosol	212
Ky	Kellys	Very thick bleached sandy surface over brown sand	Uk2.21	Aeric Podosol	5
Mb	Milambin	Dark sandy surface with bleached subsurface over dark brown sand; hardpan or water table below 1.5m	Uk2.31	Semiarid Podosol	107
<b>SOILS OF TIDAL FLATS</b>					
Td	Tiden	Saline brown silty or clayey surface over mottled grey clay, over layered sulfidic clay	Uk1.43	Sagradal Hydrosol	198
Hg	Hoogly	Dark or black clayey surface over mottled saline grey clay	Uk6.41	Extratidal Hydrosol	258
<b>MISCELLANEOUS</b>					
Mb	Mangroves				