



Mapping Unit	Major Attributes of Dominant Soil	Australian Classification	Great Soil Group	Principle Profile Form	Area (ha)	Mapping Unit	Major Attributes of Dominant Soil	Australian Classification	Great Soil Group	Principle Profile Form	Area (ha)
PODOSOLS											
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED COARSE GRAINED SEDIMENTARY ROCKS											
Kn	Kirkira Black or grey sand surface over a conspicuously bleached A2 horizon (0.3 to 0.75 m) over a brown or black ortstein or coffee rock pan (0.45 to 1 m) over grey sand.	Aquic Podsol Semiaquic Podsol	Podzol	Uc2.33 Uc2.33	7 891	Tr	Tiroan Black or grey loamy sand, sandy loam to fine sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.5 m) over an acid, mottled, grey sandy medium clay (0.45 to 1.2 m) over weathered rock.	Grey Sodosol	Soloth	Dy3.41	2 579
Wm	Wallum Grey or black sand surface over a conspicuously bleached A2 horizon (0.25 to 0.5 m) over a brown sand B2 horizon (0.35 to 0.8 m) over a bleached sand (0.65 to 1.1 m) over an acid, mottled, massive, grey sandy clay loam to sandy clay.	Aquic Podsol Redoxic Hydrosol	(Rudimentary ) podzol	Uc2.21 Uc2.23 Uc2.22 Uc2.32	1 293	Gv	Givelda Black or grey loam fine sandy to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.15 to 0.3 m) over an acid to neutral, mottled, brown or yellow medium clay to heavy clay (0.45 to 1.3 m) over weathered rock.	Brown Sodosol Yellow Sodosol	Soloth, solodic soil	Dy3.41 Dy3.42	1 537
Th	Theodrite Grey sand surface over a conspicuously bleached A2 horizon (0.25 to 0.5 m) over a brown sand B2 horizon (0.35 to 0.65 m) over a bleached sand (0.75 to 1.1 m) over an acid, mottled, structured, grey sandy clay to sandy medium clay.	Aquic Podsol Redoxic Hydrosol	Podzol	Uc2.21 Uc2.23 Uc2.32 Uc2.34	1 305	Br	Broowena Black or grey fine sandy loam to clay loam surface over a conspicuously bleached A2 horizon (0.15 to 0.3 m) over an acid to alkaline, mottled, brown or grey medium clay to heavy clay (0.3 to 0.75 m) over weathered rock. Rock fragments throughout profile.	Brown Sodosol Grey Sodosol	Soloth, solodic soil	Dy3.41 Dy3.42 Dy3.43 Dy2.41 Dy2.42	49 579
BEACH RIDGES, DUNES AND COASTAL PLAINS											
Cn	Coonar Black or grey sand surface over a conspicuously bleached A2 horizon (3.5 to 4.5 m) over a black coffee rock pan.	Aquic podsol	(Giant) Podzol	Uc2.33	202	Tp	Turpin Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.5 m) with ferruginous nodules over an acid, mottled, grey or brown medium clay to heavy clay (0.4 to 1.5 m) over weathered rock.	Grey Sodosol Grey Kurusol Brown Sodosol	Soloth	Dy3.41 Dy2.41	5 000
VERTOSOLS											
HILLSLOPES ON GRANITES											
Dw	Dawes Black light medium clay to medium clay surface over a neutral to alkaline, brown or black medium clay to heavy clay (0.45 to 0.8 m) over weathered granodiorite.	Brown Vertosol Black Vertosol Black Demosol	Brown clay Black earth Prairie soil	Ug5.32 Ug5.12 Ug6.31	388	Av	Avondale Grey fine sandy loam to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.15 to 0.3 m) with ferruginous nodules over an acid, mottled, grey medium clay to heavy clay (0.35 to 1.5 m) over weathered rock.	Grey Sodosol Grey Kurusol	Soloth	Dy3.41	18 087
HILLSLOPES ON BASALTS											
Mt	Marcondan Black light medium clay to heavy clay surface over a neutral to alkaline, brown or black medium clay to heavy clay (0.3 to 0.7 m) over weathered basalt.	Black Vertosol	Black earth	Ug5.12 Ug5.14 Ug5.13	3 698	Av Rp	Avondale Rocky phase As above with >20% rock fragments throughout the profile or rock within 0.3 m of the surface.				2 665
Hx	Huxley Black light medium clay to heavy clay surface over an acid to neutral, mottled, grey or occasionally brown medium clay to heavy clay (0.5 m) over weathered and/or basalt.	Grey Vertosol Brown Vertosol	Grey clay	Ug5.24 Ug5.24	392	Ab	Auburn Black or grey loam fine sandy, clay loam fine sandy to silty clay loam surface over a conspicuously bleached A2 horizon (0.15 to 0.4 m) over an acid to alkaline, frequently mottled, brown or grey medium to heavy clay.	Brown Sodosol Grey Kurusol Brown Sodosol	Solodic soil, solonch, solodized solonch	Dy3.43 Dy2.45 Dy3.41 Dy2.43	2 742
HILLSLOPES ON MODERATELY WEATHERED SEDIMENTARY ROCKS											
Dg	Dungul Black light clay to light medium clay surface over a sporadically bleached A2 horizon (0.05 to 0.15 m) over an acid, mottled, grey or occasionally brown medium clay to heavy clay (1 m) over weathered rock.	Grey Vertosol Brown Vertosol	(Bleached) grey clay	Ug3.2	589	Pp	Peep Black or grey fine sandy loam to clay loam fine sandy and silty clay surface over a conspicuously bleached A2 horizon (0.15 to 0.4 m) over an acid to alkaline, mottled, grey or brown medium clay (0.45 m) over an acid to alkaline, mottled, grey or brown medium clay.	Grey Sodosol Brown Sodosol	Solodic soil, solon	Dy3.42 Dy3.41 Dy3.43	9 971
ALLUVIAL PLAINS OF THE BURNETT RIVER											
Wt	Walla Grey or black light clay to medium clay surface over an acid to alkaline, mottled, grey medium clay to heavy clay.	Grey Vertosol	Grey Clay	Ug3.2 Ug5.24	1 800	Bi	Booyal Black loam to clay loam surface (0.08 to 0.15 m) over an acid to neutral, red or brown medium clay (0.4 to 0.6 m) over weathered granodiorite.	Red Chromosol Red Demosol Brown Chromosol Brown Demosol	Non-calcic brown soil	Dc2.12 Dc2.12 Dc2.12 Dc2.12	907
ALLUVIAL PLAINS OF THE LOCAL CREEKS AND RIVERS											
Wh	Wethaw Black light clay to light medium clay surface over an acid to alkaline, black or occasionally grey medium clay (0.25 to 0.5 m) over an acid to alkaline, mottled, grey medium clay to heavy clay.	Black Vertosol Grey Vertosol	Black earth, grey clay	Ug5.16 Ug5.24	204	Pt Pv	Tiroan non soil variant Black or grey loamy sand, sandy loam to fine sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.5 m) over an acid, mottled, brown or yellow sandy clay to medium clay (0.45 to 1.2 m) over weathered rock.	Brown Chromosol Yellow Chromosol	Yellow podzolic soil, greyed podzolic soil	Dy3.41	255
HYDOSOLS											
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED COARSE GRAINED SEDIMENTARY ROCKS											
Wf	Winfield Grey sand to loamy sand surface over a conspicuously bleached A2 horizon (0.3 to 0.85 m) over an acid, mottled, massive, grey loamy sand to sandy loam.	Redoxic Hydrosol	(Bleached) earthy sand	Uc2.23 Uc2.22	102	By	Boyne Brown or grey loamy sand to clay loam fine sandy surface (0.35 to 0.45 m) over an acid to neutral, red or brown light clay to medium clay.	Red Chromosol Red Demosol Brown Chromosol	Red-brown earth	Dc2.23 Dc2.13 Dc2.12 Dc2.13	94
Mh	Mahogany Grey or black sand to sandy loam surface over a conspicuously bleached A2 horizon (0.35 to 0.8 m) over an acid, mottled, massive, grey sandy clay loam to sandy clay.	Redoxic Hydrosol Grey Kandosol	No suitable group	Gn2.34 Dg4.81 Dg2.81	4 606	FERROSOLS					
Al	Alloway Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.5 m) over an acid, mottled, non-sodic, grey light clay to medium clay.	Redoxic Hydrosol	Greyed podzolic soil	Gn3.04 Dg2.41 Dg3.41 Dg3.43 Dg2.41 Dg2.42	6 676	HILLSLOPES ON BASALTS					
Rb	Robur Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.9 m) over an acid, mottled, sodic, grey sandy clay to heavy clay.	Redoxic Hydrosol Grey Sodosol	Soloth, solodic soil	Dy3.41 Dg3.41 Dg2.42	12 202	Cd	Childers Red light clay surface over an acid, red light clay to medium clay.	Red Ferrosol	Krasnozcm	Ug6.31 Ug6.31	7 904
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED FINE GRAINED SEDIMENTARY ROCKS											
Ct	Clayton Grey fine sandy loam to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.3 to 0.6 m) over an acid to neutral, mottled, non-sodic, grey light clay to medium clay.	Redoxic Hydrosol	Greyed podzolic soil, no suitable group	Gn3.04 Dy3.41 Dy3.42 Gn3.06 Dg3.41 Dg3.43	2 119	Ch	Chin Red or brown clay loam to light clay surface over an acid to neutral, red clay loam to light clay. Fine rounded quartz gravel throughout the profile.	Red Ferrosol	Krasnozcm, eucrozcm	Ug6.31 Ug6.31 Gn3.11 Gn3.12 Ug6.33	1 492
Kh	Kalah Grey fine sandy loam to loam fine sandy surface over a conspicuously bleached A2 horizon (0.35 to 0.7 m) over an acid to neutral, mottled, sodic, grey medium clay.	Redoxic Hydrosol	Soloth, solodic soil	Dg3.41 Dg3.43 Dg2.41 Dg2.42	6 096	DERMOSOLS					
Kb	Kobore Grey loamy sand to loam fine sandy surface over a conspicuously bleached A2 horizon (0.3 to 0.8 m) over an acid to alkaline, mottled, sodic, grey sandy clay to medium clay (0.5 to 1.2 m) over a very hard, brittle, mottled durpan.	Salic Hydrosol	Solodic soil, solonch	Dy3.42 Dg3.41 Dg2.41 Dg2.42	14 471	Dd	Doobzi Black or brown clay loam to light clay surface over an acid to neutral, mottled, brown or yellow light clay to medium clay with mangiferous/terramangiferous nodules.	Brown Demosol Yellow Demosol	Xanthozcm	Ug6.41 Gn3.71	1 074
KURUSOLS											
HILLSLOPES ON MODERATELY WEATHERED SEDIMENTARY ROCKS											
Ko	Kolan Black or grey loam fine sandy to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.3 m) over a strongly acid, mottled, sodic, grey or brown medium clay to heavy clay (0.5 m) over weathered rock.	Grey Kurusol Brown Kurusol	Soloth	Dy3.41	18 615	Be	Beren Black or brown light clay surface over a neutral, brown light clay to medium clay >20% basalt fragments throughout the profile.	Brown Demosol	Prairie soil	Ug6.31	472
HILLSLOPES ON DEEPLY WEATHERED COARSE GRAINED SEDIMENTARY ROCKS											
Gb	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED FINE GRAINED SEDIMENTARY ROCKS											
Gd	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Md	Meadowdale Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.6 m) gradually changing to a mottled, massive, yellow or brown sandy clay loam to sandy clay gradually changing to an acid, mottled, structured, yellow or brown light clay to medium clay.	Yellow Demosol Brown Demosol	Yellow podzolic soil	Gn3.84 Gn3.84	3 457
HILLSLOPES ON GRANITES											
Gn	Giggon Black or grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.2 to 0.6 m) over an acid to alkaline, mottled, brown or grey sandy clay to sandy medium heavy clay (0.5 to 1.2 m) over weathered granite.	Brown Sodosol Grey Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dg3.43 Dg2.41 Dg3.41 Dy3.42	26 846	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
Dg	Dungul Black or grey light sandy clay loam to clay loam sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.25 m) over a frequently mottled, grey or brown medium clay (0.2 to 0.85 m) over weathered granite.	Grey Sodosol Brown Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dy2.42	4 124	SOIL BOUNDARY CONFIDENCE LEVEL					
HILLSLOPES ON MODERATELY WEATHERED SEDIMENTARY ROCKS											
Ko	Kolan Black or grey loam fine sandy to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.3 m) over a strongly acid, mottled, sodic, grey or brown medium clay to heavy clay (0.5 m) over weathered rock.	Grey Kurusol Brown Kurusol	Soloth	Dy3.41	18 615	Cf	Corfield Black or brown clay loam to light clay surface over a brown or red light clay to medium clay (0.35 to 0.6 m) over weathered metabasalt.	Brown Demosol Red Demosol	Prairie soil	Ug6.31 Gn3.12 Ug6.41 Gn3.82	2 885
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED COARSE GRAINED SEDIMENTARY ROCKS											
Gb	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED FINE GRAINED SEDIMENTARY ROCKS											
Gd	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Md	Meadowdale Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.6 m) gradually changing to a mottled, massive, yellow or brown sandy clay loam to sandy clay gradually changing to an acid, mottled, structured, yellow or brown light clay to medium clay.	Yellow Demosol Brown Demosol	Yellow podzolic soil	Gn3.84 Gn3.84	3 457
HILLSLOPES ON GRANITES											
Gn	Giggon Black or grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.2 to 0.6 m) over an acid to alkaline, mottled, brown or grey sandy clay to sandy medium heavy clay (0.5 to 1.2 m) over weathered granite.	Brown Sodosol Grey Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dg3.43 Dg2.41 Dg3.41 Dy3.42	26 846	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
Dg	Dungul Black or grey light sandy clay loam to clay loam sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.25 m) over a frequently mottled, grey or brown medium clay (0.2 to 0.85 m) over weathered granite.	Grey Sodosol Brown Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dy2.42	4 124	SOIL BOUNDARY CONFIDENCE LEVEL					
HILLSLOPES ON MODERATELY WEATHERED SEDIMENTARY ROCKS											
Ko	Kolan Black or grey loam fine sandy to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.3 m) over a strongly acid, mottled, sodic, grey or brown medium clay to heavy clay (0.5 m) over weathered rock.	Grey Kurusol Brown Kurusol	Soloth	Dy3.41	18 615	Cf	Corfield Black or brown clay loam to light clay surface over a brown or red light clay to medium clay (0.35 to 0.6 m) over weathered metabasalt.	Brown Demosol Red Demosol	Prairie soil	Ug6.31 Gn3.12 Ug6.41 Gn3.82	2 885
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED COARSE GRAINED SEDIMENTARY ROCKS											
Gb	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED FINE GRAINED SEDIMENTARY ROCKS											
Gd	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Md	Meadowdale Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.6 m) gradually changing to a mottled, massive, yellow or brown sandy clay loam to sandy clay gradually changing to an acid, mottled, structured, yellow or brown light clay to medium clay.	Yellow Demosol Brown Demosol	Yellow podzolic soil	Gn3.84 Gn3.84	3 457
HILLSLOPES ON GRANITES											
Gn	Giggon Black or grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.2 to 0.6 m) over an acid to alkaline, mottled, brown or grey sandy clay to sandy medium heavy clay (0.5 to 1.2 m) over weathered granite.	Brown Sodosol Grey Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dg3.43 Dg2.41 Dg3.41 Dy3.42	26 846	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
Dg	Dungul Black or grey light sandy clay loam to clay loam sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.25 m) over a frequently mottled, grey or brown medium clay (0.2 to 0.85 m) over weathered granite.	Grey Sodosol Brown Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dy2.42	4 124	SOIL BOUNDARY CONFIDENCE LEVEL					
HILLSLOPES ON MODERATELY WEATHERED SEDIMENTARY ROCKS											
Ko	Kolan Black or grey loam fine sandy to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.3 m) over a strongly acid, mottled, sodic, grey or brown medium clay to heavy clay (0.5 m) over weathered rock.	Grey Kurusol Brown Kurusol	Soloth	Dy3.41	18 615	Cf	Corfield Black or brown clay loam to light clay surface over a brown or red light clay to medium clay (0.35 to 0.6 m) over weathered metabasalt.	Brown Demosol Red Demosol	Prairie soil	Ug6.31 Gn3.12 Ug6.41 Gn3.82	2 885
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED COARSE GRAINED SEDIMENTARY ROCKS											
Gb	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED FINE GRAINED SEDIMENTARY ROCKS											
Gd	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Md	Meadowdale Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.6 m) gradually changing to a mottled, massive, yellow or brown sandy clay loam to sandy clay gradually changing to an acid, mottled, structured, yellow or brown light clay to medium clay.	Yellow Demosol Brown Demosol	Yellow podzolic soil	Gn3.84 Gn3.84	3 457
HILLSLOPES ON GRANITES											
Gn	Giggon Black or grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.2 to 0.6 m) over an acid to alkaline, mottled, brown or grey sandy clay to sandy medium heavy clay (0.5 to 1.2 m) over weathered granite.	Brown Sodosol Grey Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dg3.43 Dg2.41 Dg3.41 Dy3.42	26 846	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
Dg	Dungul Black or grey light sandy clay loam to clay loam sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.25 m) over a frequently mottled, grey or brown medium clay (0.2 to 0.85 m) over weathered granite.	Grey Sodosol Brown Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dy2.42	4 124	SOIL BOUNDARY CONFIDENCE LEVEL					
HILLSLOPES ON MODERATELY WEATHERED SEDIMENTARY ROCKS											
Ko	Kolan Black or grey loam fine sandy to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.3 m) over a strongly acid, mottled, sodic, grey or brown medium clay to heavy clay (0.5 m) over weathered rock.	Grey Kurusol Brown Kurusol	Soloth	Dy3.41	18 615	Cf	Corfield Black or brown clay loam to light clay surface over a brown or red light clay to medium clay (0.35 to 0.6 m) over weathered metabasalt.	Brown Demosol Red Demosol	Prairie soil	Ug6.31 Gn3.12 Ug6.41 Gn3.82	2 885
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED COARSE GRAINED SEDIMENTARY ROCKS											
Gb	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED FINE GRAINED SEDIMENTARY ROCKS											
Gd	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Md	Meadowdale Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.6 m) gradually changing to a mottled, massive, yellow or brown sandy clay loam to sandy clay gradually changing to an acid, mottled, structured, yellow or brown light clay to medium clay.	Yellow Demosol Brown Demosol	Yellow podzolic soil	Gn3.84 Gn3.84	3 457
HILLSLOPES ON GRANITES											
Gn	Giggon Black or grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.2 to 0.6 m) over an acid to alkaline, mottled, brown or grey sandy clay to sandy medium heavy clay (0.5 to 1.2 m) over weathered granite.	Brown Sodosol Grey Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dg3.43 Dg2.41 Dg3.41 Dy3.42	26 846	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
Dg	Dungul Black or grey light sandy clay loam to clay loam sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.25 m) over a frequently mottled, grey or brown medium clay (0.2 to 0.85 m) over weathered granite.	Grey Sodosol Brown Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dy2.42	4 124	SOIL BOUNDARY CONFIDENCE LEVEL					
HILLSLOPES ON MODERATELY WEATHERED SEDIMENTARY ROCKS											
Ko	Kolan Black or grey loam fine sandy to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.3 m) over a strongly acid, mottled, sodic, grey or brown medium clay to heavy clay (0.5 m) over weathered rock.	Grey Kurusol Brown Kurusol	Soloth	Dy3.41	18 615	Cf	Corfield Black or brown clay loam to light clay surface over a brown or red light clay to medium clay (0.35 to 0.6 m) over weathered metabasalt.	Brown Demosol Red Demosol	Prairie soil	Ug6.31 Gn3.12 Ug6.41 Gn3.82	2 885
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED COARSE GRAINED SEDIMENTARY ROCKS											
Gb	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
PLAINS AND HILLSLOPES ON DEEPLY WEATHERED FINE GRAINED SEDIMENTARY ROCKS											
Gd	Goodburn Brown or black loamy sand to sandy clay loam surface over an acid to neutral, red clay loam to light clay.	Red Demosol	Red podzolic soil, non-calcic brown soil	Gn3.11p Gn3.12p Dp 2.11p Ug6.33p Gn3.14	2 036	Md	Meadowdale Grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.25 to 0.6 m) gradually changing to a mottled, massive, yellow or brown sandy clay loam to sandy clay gradually changing to an acid, mottled, structured, yellow or brown light clay to medium clay.	Yellow Demosol Brown Demosol	Yellow podzolic soil	Gn3.84 Gn3.84	3 457
HILLSLOPES ON GRANITES											
Gn	Giggon Black or grey loamy sand to sandy loam surface over a conspicuously bleached A2 horizon (0.2 to 0.6 m) over an acid to alkaline, mottled, brown or grey sandy clay to sandy medium heavy clay (0.5 to 1.2 m) over weathered granite.	Brown Sodosol Grey Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dg3.43 Dg2.41 Dg3.41 Dy3.42	26 846	Is	Istis Grey sandy loam surface over a conspicuously bleached A2 horizon (0.3 to 0.7 m) over an acid, mottled, yellow light clay to medium clay.	Yellow Demosol	Yellow podzolic soil	Gn3.84 Dy3.41	2 046
Dg	Dungul Black or grey light sandy clay loam to clay loam sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.25 m) over a frequently mottled, grey or brown medium clay (0.2 to 0.85 m) over weathered granite.	Grey Sodosol Brown Sodosol	Soloth, solodic soil, solodized solonch	Dy3.42 Dy3.41 Dy2.42	4 124	SOIL BOUNDARY CONFIDENCE LEVEL					
HILLSLOPES ON MODERATELY WEATHERED SEDIMENTARY ROCKS											
Ko	Kolan Black or grey loam fine sandy to clay loam fine sandy surface over a conspicuously bleached A2 horizon (0.1 to 0.3 m) over a strongly acid, mottled										

#### MAPPING UNIT CODE EXPLANATION

- The primary division in the reference is based on the dominant Australian Classification soil Order (Isbell 1994) for each mapping unit.
- Within areas of intense soil variability, the mapping unit is a soil complex and is named after the two most frequently occurring soil types, for example, Bg-Tk.
- Variants and phases of soil types may occur, for example, TrFv, AvRp. Such mapping units are described by the major attributes of the model soil type modified by the description of the variant or phase concerned.
- Adjoining mapping units with the same code are separated because of different attributes, for example, different slopes.

#### MISCELLANEOUS UNITS

- Indicates that one soil overlies another soil. For example, the podsol of the Wallum soil has formed in the A2 horizon of another soil.
- These bracketed qualifiers are not an official part of Great Soil Group names.
- The symbol indicates roughed surfaces horizons.

#### SOIL BOUNDARY CONFIDENCE LEVEL

- Observed
- Approximate

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