



QUEENSLAND
DEPARTMENT OF PRIMARY INDUSTRIES

WET TROPICAL COAST STUDY - NORTH QUEENSLAND

INGHAM AREA SOILS

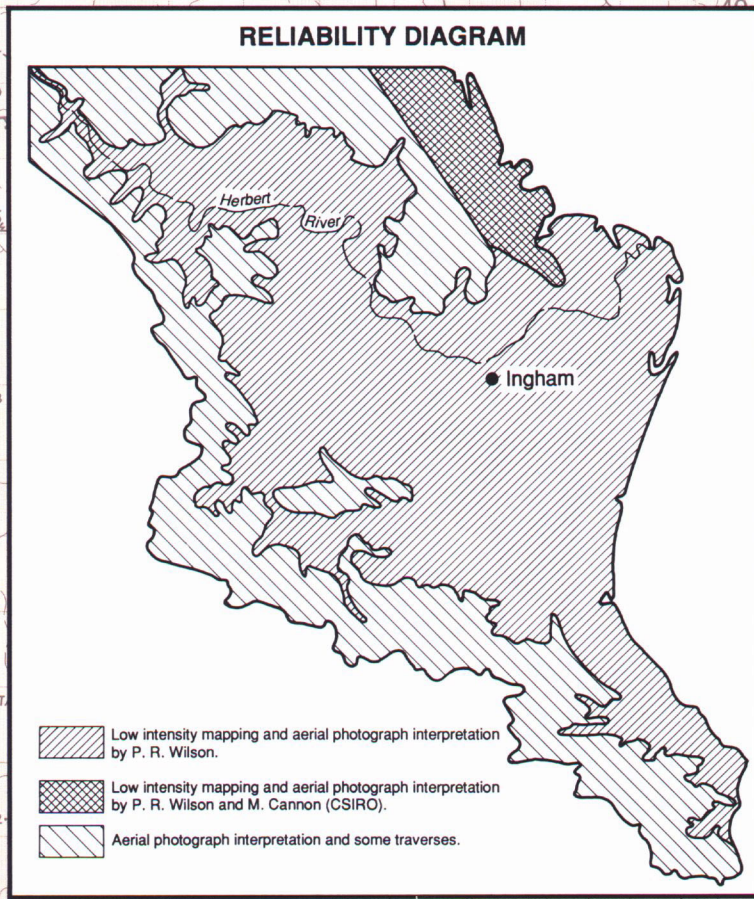
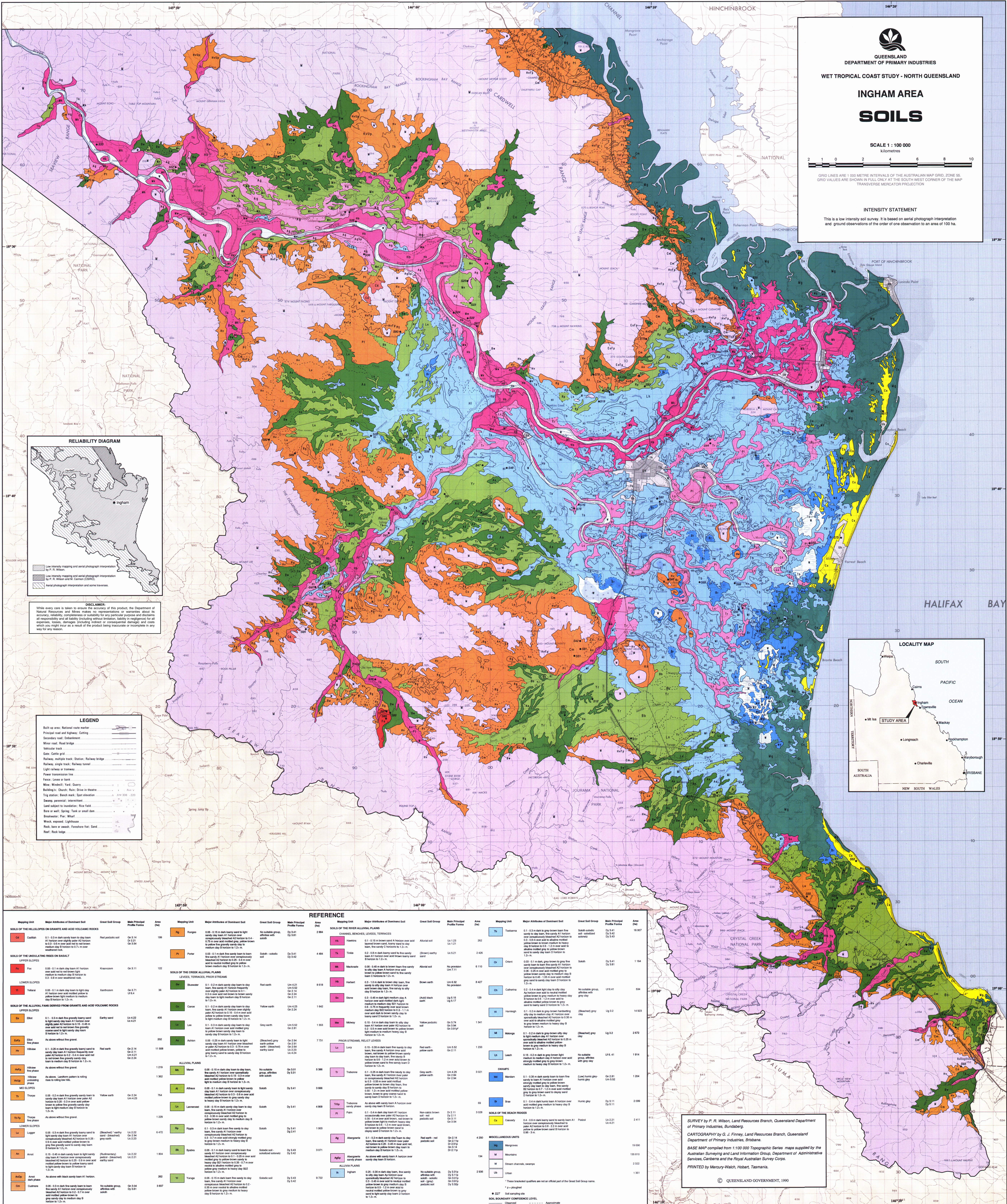
SCALE 1 : 100 000
kilometres



GRID LINES ARE 1 000 METRE INTERVALS OF THE AUSTRALIAN MAP GRID, ZONE 56.
GRID VALUES ARE SHOWN IN FULL ONLY AT THE SOUTH WEST CORNER OF THE MAP
TRANSVERSE MERCATOR PROJECTION

INTENSITY STATEMENT

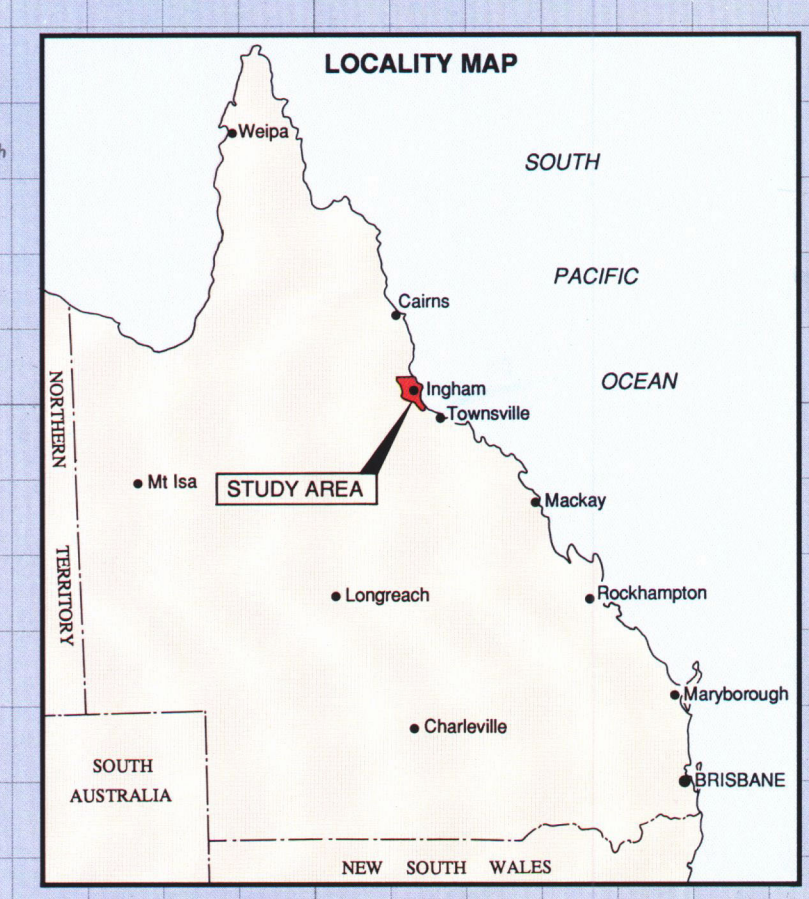
This is a low intensity soil survey. It is based on aerial photograph interpretation and ground observations of the order of one observation to an area of 100 ha.



DISCLAIMER:
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LEGEND

Build up area, National route marker	Principal road and highway, Cutting
Secondary road, Road bridge	Minor road, Road bridge
Reliculation track	Light railway or tramway
Power transmission line	Fence, Lease or bank
Mine, Windmill, Trestle, Quarry	Building, Church, Ruin, Drive on theatre
Trig station, Bench mark, Spot elevation	Swamp, permanent, intermittent
Land subject to taxation, Rice field	Bore or well, Spacing, Tank or small dam
Breakwater, Pier, Wharf	Wharf, moored, Light house
Rock, bare or washed, Foreshore flat, Sand	Rock, Reef ledge



Mapping Unit	Major Attributes of Dominant Soil	Great Soil Group	Principal Profile Forms	Area (ha)	Mapping Unit	Major Attributes of Dominant Soil	Great Soil Group	Principal Profile Forms	Area (ha)	Mapping Unit	Major Attributes of Dominant Soil	Great Soil Group	Principal Profile Forms	Area (ha)
SOILS OF THE HILLSLOPES ON GRANITE AND ACID VOLCANIC ROCKS					SOILS OF THE RIVER ALLUVIAL PLAINS					SOILS OF THE BEACH RIDGE				
Ga	0.1-0.3 m dark sandy loam to clay loam A horizon over light grey to yellowish brown silty clay B horizon to 1.2 m over weathered rock	Red podzolic soil	Gy 2.34 Gy 2.35 Gy 2.36	196	Pa	0.05-0.10 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with wash	Gy 2.41 Gy 2.42	2 884	Ta	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Solch-entisol, soil-substratum associated	Gy 2.41 Gy 2.42 Gy 2.43	16 907
SOILS OF THE UNDEVELOPED RIVER BASIN					SOILS OF THE CREEK ALLUVIAL PLAINS					SOILS OF THE BEACH RIDGE				
UPPER SLOPES					LEVELS, TERRACES, PRIOR STREAMS					SOILS OF THE BEACH RIDGE				
Pa	0.05-0.10 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Solch-entisol	Gy 2.41 Gy 2.42	4 464	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Red earth	Um 2.21 Um 2.22 Um 2.23 Um 2.24	8 618	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	1 164
LOWER SLOPES					FRONT STREAMS					SOILS OF THE BEACH RIDGE				
Pa	0.05-0.10 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Xanthozem	Gy 2.31 Gy 2.32	122	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Yellow earth	Um 2.25 Um 2.26	1 642	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	1 914
SOILS OF THE ALLUVIAL FANS DERIVED FROM GRANITE AND ACID VOLCANIC ROCKS					RELICT LEVELS					SOILS OF THE BEACH RIDGE				
UPPER SLOPES					FRONT STREAMS					SOILS OF THE BEACH RIDGE				
Pa	0.1-0.3 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Yellow earth	Um 2.27 Um 2.28	405	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Red earth	Um 2.29 Um 2.30 Um 2.31 Um 2.32	7 731	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	2 009
LOWER SLOPES					ALLUVIAL PLAINS					SOILS OF THE BEACH RIDGE				
Pa	0.1-0.3 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Red earth	Um 2.33 Um 2.34 Um 2.35 Um 2.36	11 908	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	No suitable group, affluents with wash	Gy 2.41 Gy 2.42	5 396	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Um 2.37 Um 2.38 Um 2.39 Um 2.40	1 914	
SOILS OF THE ALLUVIAL FANS DERIVED FROM GRANITE AND ACID VOLCANIC ROCKS					RELICT LEVELS					SOILS OF THE BEACH RIDGE				
UPPER SLOPES					FRONT STREAMS					SOILS OF THE BEACH RIDGE				
Pa	0.1-0.3 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Yellow earth	Um 2.41 Um 2.42	764	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Solch-entisol, soil-substratum associated	Gy 2.43 Gy 2.44	3 071	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	2 411
LOWER SLOPES					ALLUVIAL PLAINS					SOILS OF THE BEACH RIDGE				
Pa	0.1-0.3 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Yellow earth	Um 2.43 Um 2.44	1 209	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Solch-entisol, soil-substratum associated	Gy 2.45 Gy 2.46	1 000	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	2 009
SOILS OF THE ALLUVIAL FANS DERIVED FROM GRANITE AND ACID VOLCANIC ROCKS					RELICT LEVELS					SOILS OF THE BEACH RIDGE				
UPPER SLOPES					FRONT STREAMS					SOILS OF THE BEACH RIDGE				
Pa	0.1-0.3 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Yellow earth	Um 2.45 Um 2.46	6 472	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Solch-entisol, soil-substratum associated	Gy 2.47 Gy 2.48	3 071	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	2 009
LOWER SLOPES					ALLUVIAL PLAINS					SOILS OF THE BEACH RIDGE				
Pa	0.1-0.3 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Yellow earth	Um 2.47 Um 2.48	1 904	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Solch-entisol, soil-substratum associated	Gy 2.49 Gy 2.50	3 071	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	2 009
SOILS OF THE ALLUVIAL FANS DERIVED FROM GRANITE AND ACID VOLCANIC ROCKS					RELICT LEVELS					SOILS OF THE BEACH RIDGE				
UPPER SLOPES					FRONT STREAMS					SOILS OF THE BEACH RIDGE				
Pa	0.1-0.3 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Yellow earth	Um 2.49 Um 2.50	282	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Solch-entisol, soil-substratum associated	Gy 2.51 Gy 2.52	3 071	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	2 009
LOWER SLOPES					ALLUVIAL PLAINS					SOILS OF THE BEACH RIDGE				
Pa	0.1-0.3 m dark sandy loam to light sandy clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	Yellow earth	Um 2.51 Um 2.52	3 987	Pa	0.1-0.2 m dark sandy loam to clay loam, the sandy A horizon over silty clay B horizon to 1.2 m	Solch-entisol, soil-substratum associated	Gy 2.53 Gy 2.54	3 071	Pa	0.1-0.3 m dark grey to brown loam to silty clay A horizon over 0.15-0.25 m over acid reddish brown to yellowish brown silty clay B horizon to 1.2 m	No suitable group, affluents with grey clay	Gy 2.41 Gy 2.42	2 009

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BASE MAP compiled from 1:100 000 Topographic Series maps supplied by the Australian Surveying and Land Information Group, Department of Administrative Services, Canberra and the Royal Australian Survey Corps.
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