



LOCALITY MAP



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SOIL ASSOCIATION MAP, DAWSON VALLEY REGION, QUEENSLAND.
LEGEND.

MAPPING UNIT.	GROSS AREA (17,000 acres)	APPROPRIATE OR RELATED GREAT SOIL GROUP.	TOPOGRAPHY.	VEGETATION.	MAJOR CHARACTERISTICS OF DOMINANT SOIL.
1	7.2	Alluvial Soils which often show varying degrees of profile development, usually of a podzolic or solodic nature.	Low levee type terraces.	Tall woodland of Moreton Bay ash, grey bloodwood and silver-leaf ironbark.	Deep, freely drained, loamy sand or sandy loam overlying a slightly gleyed clay or clay loam B horizon.
2	57.4		Flat but with some old drainage lines.	Silver-leaf ironbark and poplar box woodland.	Medium textured A horizon overlying fairly permeable clay at a depth of 8 to 10 inches. Internal drainage fairly good.
3	39.4		Rather dissected by old drainage lines.	Coolibah and poplar box woodland, occasionally some brigalow.	Rather structureless clays or clay loams with little horizon development.
4	3.6	Related to Black Earths.	Flat but with some shallow drainage lines.	Woodland of Moreton Bay ash, blue gum and silver-leaf ironbark.	Variable textured soils with little profile differentiation but occasionally stratified.
5	22.2		Flat, some ponded areas.	Parkland with clumps of brigalow, bauhina and coolibah.	Deep dark grey self-mulching heavy clay with carbonate throughout the profile. Little horizon differentiation.
6	24.6	Brown Soil of Heavy Texture.	Gently undulating.	Small grassland areas but normally with clumps of brigalow and bauhina.	Dark grey or grey-brown self-mulching calcareous clays that may be shallow on ridge crests.
7	50.6		Moderately undulating.	Brigalow-bauhina parkland with some sandalwood and poplar box.	Brown self-mulching calcareous clays, occasionally shallow on ridge crests.
8	14.3	Related to Solodized-Solonetz and Solodic.	Moderately undulating.	Parkland or woodland of silver-leaf ironbark and poplar box with sandalwood on ridge crests.	Shallow brown clays on ridge crests, deepening down the slope. Lower areas have deep dark grey calcareous clays.
9	2.1		Solodic.	Gently undulating.	Wattle, silver and narrow-leaf ironbark.
10	20.9	Solodized-Solonetz; Low Humic Gley Association.	Flat with shallow drainage lines and depressions.	Sandalwood and poplar box woodland.	Poorly structured clay loam overlying a tough dense clay, carbonate present at depth. Internal drainage poor.
11	59.7		Solodized-Solonetz; Low Humic Gley.	Flat to moderately undulating.	Brigalow-belah-eucalypt forest on the solodized-solonetz; softwood scrub on the low humic gleys.
12	135.1	Closely related to Grey and Brown Soils of Heavy Texture.	Flat.	Brigalow forest, with some belah, Dawson Gum, vapunyah, widge and sandalwood.	Grey or greyish brown strongly gligated clays with strongly acid subsoils, may be acid throughout. Carbonate and gypsum often present in upper levels of profile.
13	4.0		Brigalow forest with widge and sandalwood.	Strongly gligated brown clays with strongly acid red-brown subsoils. Carbonate present in upper levels of profile.	
14	2.2		Brigalow forest with vapunyah common, also widge and sandalwood.	Strongly gligated red-brown light clay with texture increasing with depth. Acid throughout profile.	
15	2.0	Lateritic Red Earths.	Flat or gently sloping.	Woodland of grey bloodwood and silver-leaf ironbark.	Deep red freely drained sandy clay loam, neutral to slightly acid.
16	6.8	Lateritic Podzolic.	Low slopes.	Silver-leaf ironbark woodland.	Brown loam merging into yellowish brown light clay which is strongly mottled and contains ferruginous nodules. At depth is a strongly mottled red and grey clay.
17	17.1	Meadow Podzolic or Low Humic Gley.	Often strongly undulating.	Tall woodland of Moreton Bay ash, grey bloodwood and silver-leaf ironbark.	Fairly coarse sand or loam sand overlying a strongly gleyed clay at shallow depths. Internal drainage badly impeded.
18	19.9	Lithosols.	Usually undulating and dissected.	Variable woodland or forest communities.	Shallow stony soils with little or no profile development.

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