




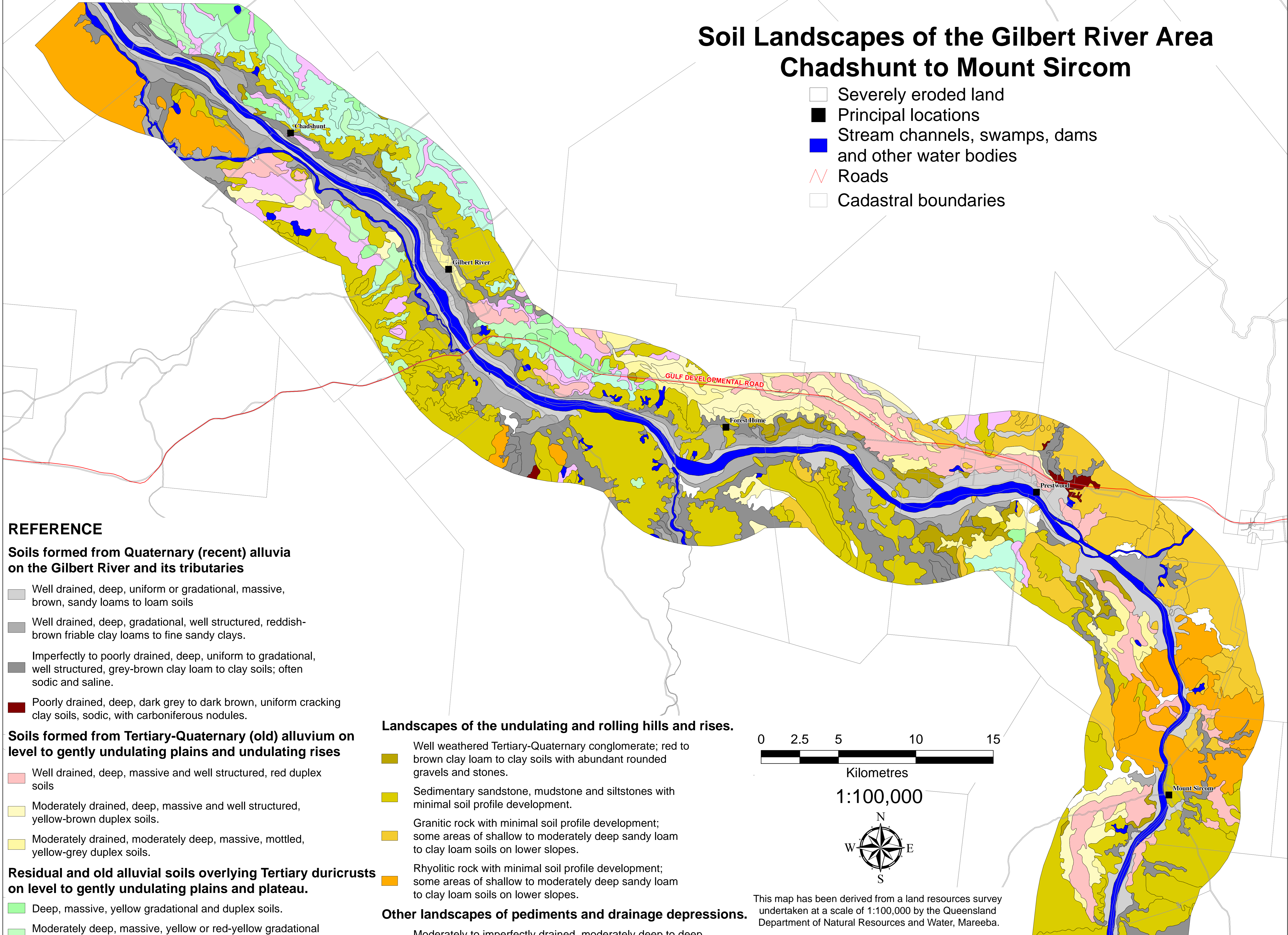






Soil Landscapes of the Gilbert River Area Chadshunt to Mount Sircom

-  Severely eroded land
-  Principal locations
-  Stream channels, swamps, dams and other water bodies
-  Roads
-  Cadastral boundaries






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

Soils formed from Quaternary (recent) alluvia on the Gilbert River and its tributaries

-  Well drained, deep, uniform or gradational, massive, brown, sandy loams to loam soils
-  Well drained, deep, gradational, well structured, reddish-brown friable clay loams to fine sandy clays.
-  Imperfectly to poorly drained, deep, uniform to gradational, well structured, grey-brown clay loam to clay soils; often sodic and saline.
-  Poorly drained, deep, dark grey to dark brown, uniform cracking clay soils, sodic, with carboniferous nodules.





Soils formed from Tertiary-Quaternary (old) alluvium on level to gently undulating plains and undulating rises

-  Well drained, deep, massive and well structured, red duplex soils
-  Moderately drained, deep, massive and well structured, yellow-brown duplex soils.
-  Moderately drained, moderately deep, massive, mottled, yellow-grey duplex soils.


Residual and old alluvial soils overlying Tertiary duricrusts on level to gently undulating plains and plateau.

-  Deep, massive, yellow gradational and duplex soils.
-  Moderately deep, massive, yellow or red-yellow gradational and duplex soils.
-  Shallow, pale to yellow, sandy loam to sandy clay loam soils.

Landscapes of the undulating and rolling hills and rises.

-  Well weathered Tertiary-Quaternary conglomerate; red to brown clay loam to clay soils with abundant rounded gravels and stones.
-  Sedimentary sandstone, mudstone and siltstones with minimal soil profile development.
-  Granitic rock with minimal soil profile development; some areas of shallow to moderately deep sandy loam to clay loam soils on lower slopes.
-  Rhyolitic rock with minimal soil profile development; some areas of shallow to moderately deep sandy loam to clay loam soils on lower slopes.

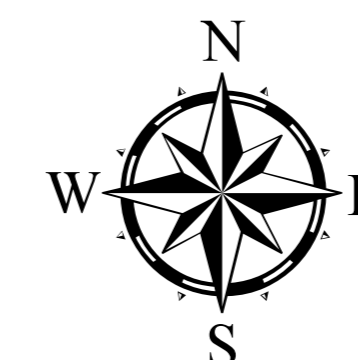
Other landscapes of pediments and drainage depressions.

-  Moderately to imperfectly drained, moderately deep to deep, yellow to grey mottled duplex and uniform clay soils; often nodular and sodic.



Kilometres

1:100,000



This map has been derived from a land resources survey undertaken at a scale of 1:100,000 by the Queensland Department of Natural Resources and Water, Mareeba.

Source: The Soils and Agricultural Land Suitability of the Gilbert River Area; Chadshunt to Mt Sircom. Enderlin N.G. (2000).