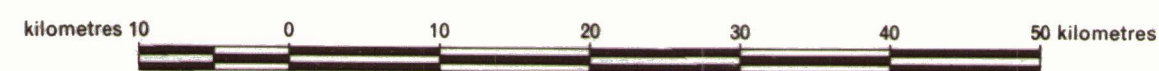


QUEENSLAND DEPARTMENT OF PRIMARY INDUSTRIES
WESTERN ARID REGION LAND USE STUDY—PART 4

GEOMORPHOLOGY

SCALE 1:500 000



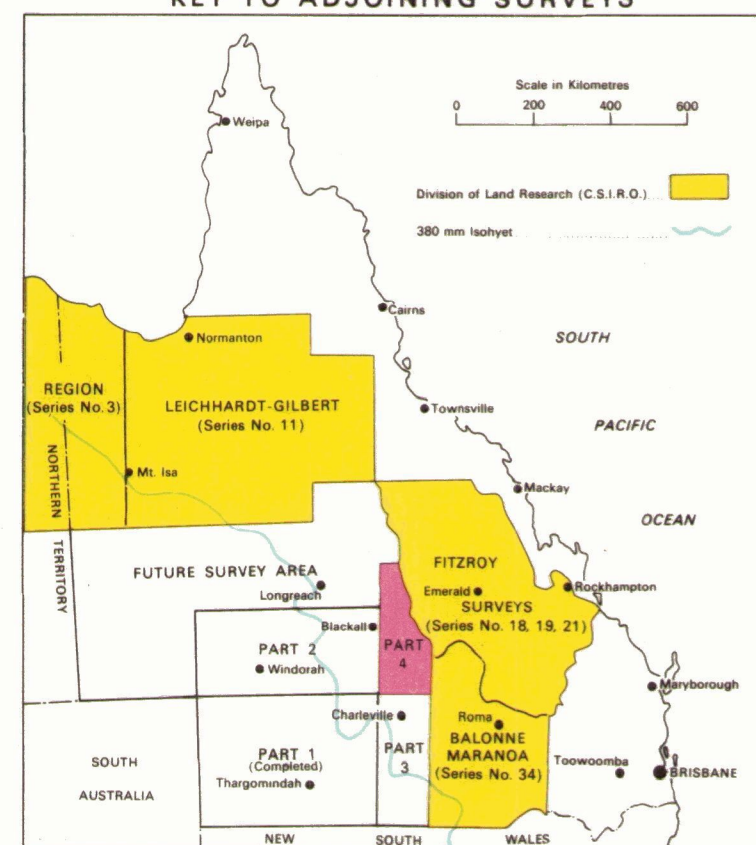
Drawn by R.D. McShea.

REFERENCE

| GEOMORPHOLOGICAL UNITS | GEOLOGICAL ASSOCIATION | DOMINANT ASSOCIATED LAND SYSTEMS |
|-------------------------------|--|--------------------------------------|
| UPLANDS | | |
| 1 | Plateau and high plains Formed on Tertiary Sandstones and lateritised Cretaceous rocks, with deep sandy red earth soil cover. | M1, M2, R4, E6 |
| 2 | Dissected plateau Eroded Tertiary sandstones and lateritised Cretaceous rocks, with shallow red earth cover. | M1, H1, R4 |
| 3 | Cuestas and interspersed clay plains. 3s. Cuestas formed on gently dipping sandstone formations. 3p. Clay plains formed in fine grained labile mesozoic rocks. | R1, R2, R3, E3, E4, E5 B1, B3, B4 |
| PLAINS (Destructural) | | |
| 4 | Mantled plains Pediments fringing dissected plateau and pediment residues in areas of downs. Thin gravel cover overlying labile Cretaceous sedimentary rocks. 4g. mantled plain with gidgee. 4b. mantled plain with brigalow. | G1, G3 B2, B5 |
| 5 | Downs Formed on labile fresh Cretaceous sedimentary rocks, weathering to deep cracking clays. | F1, F2, F3 |
| 6 | Wooded downs Formed on labile fresh Cretaceous sedimentary rocks, weathering to shallower clays than Unit 5. | T1, T2 |
| PLAINS (Constructural) | | |
| 7 | Gently undulating plains Formed over Transported Quaternary sands and clays. 7s. sand plain 7b. clay plain with brigalow 7g. clay plain with gidgee | E1, E2, E4, E7, M1 B1 G1, G2 |
| 8 | Alluvial plains Quaternary alluvium deposited about recent drainages (sands, silts and clays) | W1, W2, W3, W4, W5, A1, S1 |

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KEY TO ADJOINING SURVEYS



KEY TO 1:250 000 AREAS

| | | |
|------------|-------------|------------|
| MUTTABURRA | GALILEE | CLERMONT |
| LONGREACH | JERICO | EMERALD |
| BLACKALL | TAMBO | SPRINGSURE |
| ADAVALE | AUGATHELLA | EDDYSTONE |
| QUILPIE | CHARLEVILLE | MITCHELL |

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