



SUITABILITY UNIT	AREA	PREDOMINANT LAND CAPABILITY CLASS	LAND USE LIMITATIONS AND LAND CAPABILITY SUB-CLASS	PRODUCTION SUITABILITY AND MANAGEMENT NEEDS
1	44 580 ha	II	Slight physical soil restrictions (p ₂). Minor areas subject to periodic flooding and water logging (f ₂ , w ₂).	Suitable for summer and winter cropping of grain, forage, beans and oil seeds. Suitable for irrigation where water supplies are adequate. Suitable for grazing of native and improved pastures.
2a	60 320 ha	II - III	Slight moisture limitation (m ₂). Slight to moderate water erosion limitation (e ₂₋₃). Interspersed are numerous small outbreaks of moderate to severe soil salinity (s ₄₋₇) usually associated with drainage lines.	Suitable for summer cropping of peanuts, beans, grain and oil seeds and lesser winter grain crops. Annual fertilizer applications as determined by soil analysis are desirable for continuous cropping. Requires soil conservation practices when cultivated. Suitable for grazing of native and improved pastures.
2b	41 410 ha	II - III	Slight to moderate water erosion limitation (e ₂₋₃). Minor areas of slight gilgai microrelief (g ₂). Slight workability restrictions (k ₂).	Suitable for summer and winter cropping of grain and forage crops with some bean and oil seed crops. Annual fertilizer applications as determined by soil analysis are desirable for continuous cropping. Requires soil conservation practices when cultivated. Suitable for grazing of native and improved pastures.
3	13 600 ha	III	Slight to moderate moisture limitation (m ₂₋₃). Slight effective soil depth limitation (d ₂). Minor workability restrictions (k ₂). Slight to moderate water erosion limitation (e ₂₋₃). Minor areas of moderate to severe soil salinity (s ₄₋₇).	Suitable for summer cropping of peanuts, beans, grain and oil seeds and lesser winter grain crops. Annual fertilizer applications as determined by soil analysis are desirable for continuous cropping. Requires soil conservation practices when cultivated. Suitable for grazing of native and improved pastures.
4a	92 150 ha	III - IV	Slight to moderate moisture limitation (m ₂₋₃). Minor workability restrictions (k ₂). Some soils are slightly to moderately susceptible to wind erosion (w ₂₋₃). Moderate water erosion limitation (e ₂₋₃). Minor physical and effective soil depth limitations (d ₂ , d ₂₋₃). Minor areas of moderate to severe soil salinity (s ₄₋₇).	Moderately suitable for summer cropping of peanuts, beans, grain and oil seeds and lesser winter grain crops. Areas suitable for tree crops (medicinal and horticultural). Annual fertilizer applications as determined by soil analysis are desirable for continuous cropping. Requires soil conservation practices when cultivated. Suitable for grazing of native and improved pastures.
4b	52 020 ha	III - IV	Slight moisture limitation (m ₂). Minor workability restrictions (k ₂₋₃). Moderate water erosion limitation (e ₃₋₄).	Moderately suitable for summer and winter cropping of grain and forage crops and minor areas of beans and oil seeds. Annual fertilizer applications as determined by soil analysis are desirable for continuous cropping. Requires soil conservation practices when cultivated. Suitable for grazing of native and improved pastures.
5	24 240 ha	IV - V	Moderate to severe gilgai microrelief and associated wetness restrict use (g ₄₋₅ , w ₄).	Suitable for grazing of native and improved pastures. Parts may be levelled for cultivation.
6	182 680 ha	IV - VI	Moderate moisture limitation (m ₃). Moderate effective soil depth limitation (d ₃₋₄). Moderate soil physical limitation (p ₃). Moderate to severe water erosion limitation (e ₄₋₆). Moderate workability restrictions (k ₃). Minor rockiness and stoniness limitation (r ₂).	Limited areas are suitable for occasional cropping of both summer and winter grain and forage crops. Requires fertilizer when cropped. Requires soil conservation practices when cultivated. Suitable for grazing of native and improved pastures.
7	51 360 ha	VI	Moderate to severe moisture, effective soil depth, and water erosion limitations (m ₄₋₆ , d ₄ , e ₄₋₆) and minor topography limitation (t ₄₋₆). Small areas of moderate rockiness and stoniness limitation (r ₄₋₅). Occasional small outbreaks of moderate to severe soil salinity (s ₄₋₇).	Suitable for grazing of native and improved pastures. Some areas have excessive slope gradients, rock outcrops and/or highly erodible soils.
8	395 340 ha	VI - VII	Moderate to severe moisture, effective soil depth, water erosion, topography, rockiness and stoniness limitations (m ₆ , d ₄₋₆ , e ₆₋₇ , t ₄₋₆ , r ₄₋₅).	Suitable for grazing of native and minor areas of improved pastures. Clearing should be restricted and overgrazing avoided for catchment protection, particularly on erosion susceptible soils. Minor areas are suitable for tree crops (medicinal and horticultural). Erosion susceptible soils and steeper slope gradients are more suited to both native and/or planted forests.
9	108 060 ha	VII - VIII	Severe moisture, effective soil depth, erosion, topography, rockiness and stoniness limitations (m ₆ , d ₇₋₈ , e ₇₋₈ , r ₅).	Suitable for both native and/or planted forests. Suitable for nature reserves with some areas suitable for limited grazing of native pastures. Steep slope gradients shallow soils, rock and stone greatly restrict use. Catchment protection is important hence any clearing should be carefully controlled and over grazing avoided particularly on steep slope gradients and erosion susceptible soils.
10	560 ha	VIII	Permanently or semi-permanently wet (w ₅).	Suitable for water supplies, flora and fauna reserves. Minor grazing in some areas in dry seasons.

NOTE
E severe gully erosion
L landslip
S salting
T tunnel erosion

Land capability classes and sub-classes are as defined by Rosser et al (1974). See appendix IV of report.

SCALE 1:250 000



Drawn by Sheryl Crofts



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