

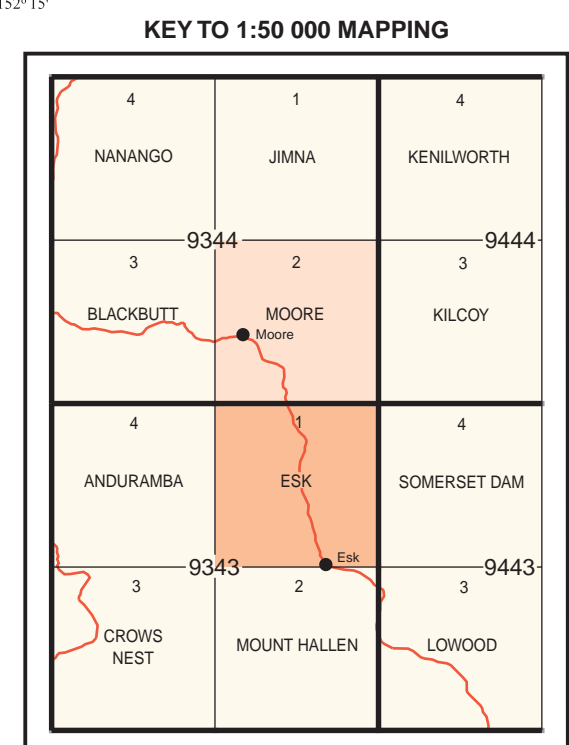
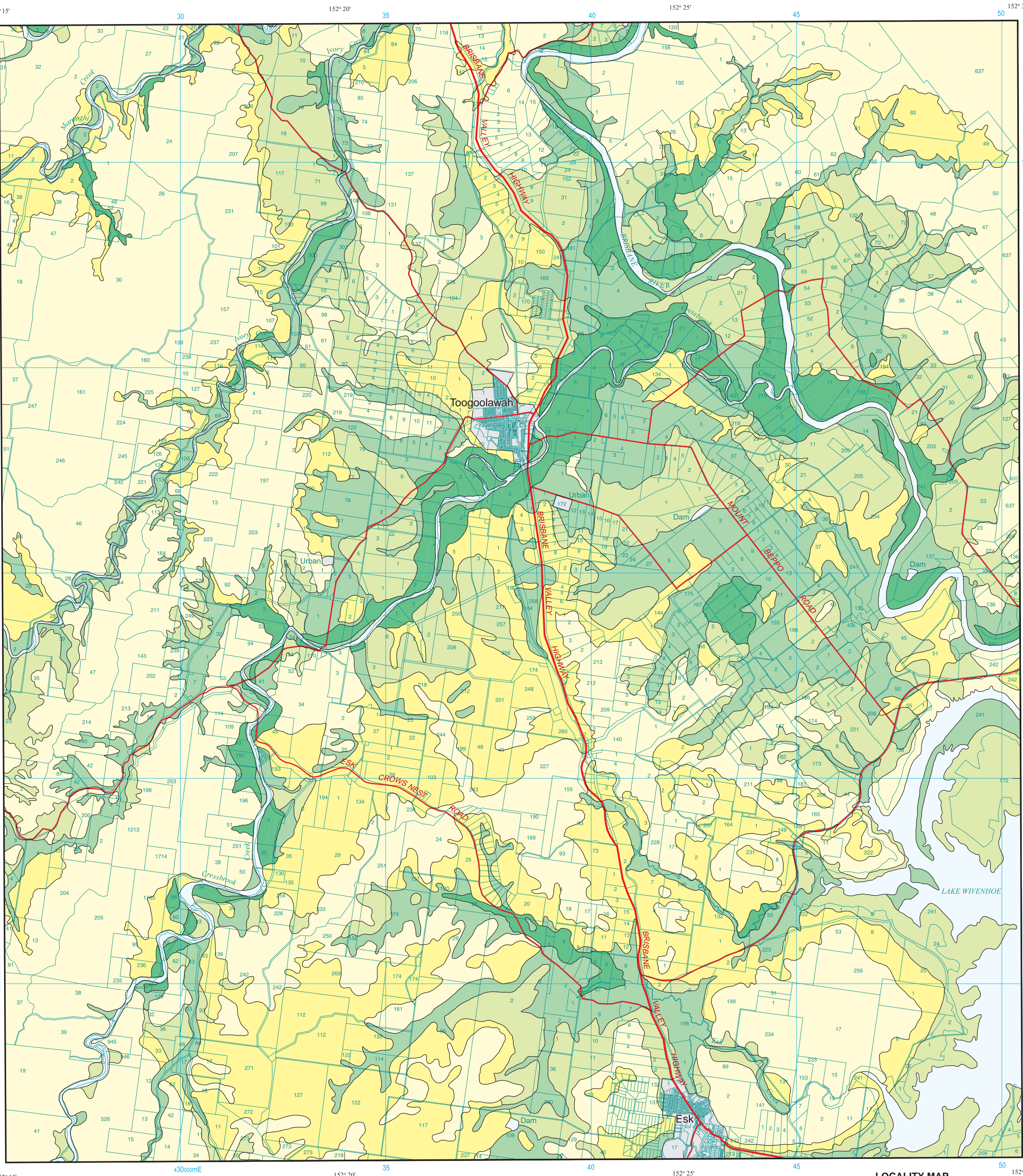
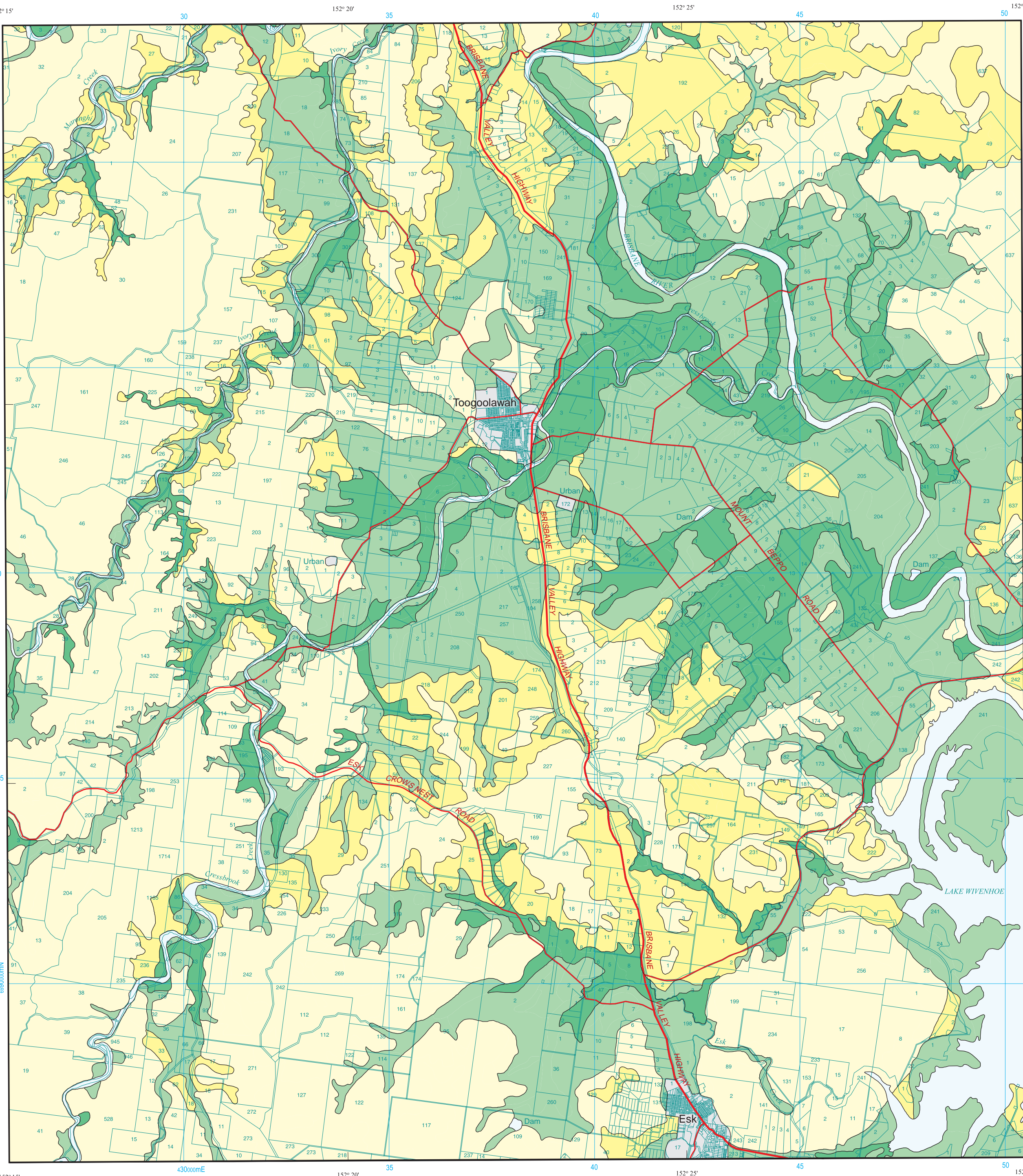
LAND SUITABILITY

PASTURES

IRRIGATED AGRICULTURE

BRISBANE VALLEY LAND RESOURCE ASSESSMENT

ESK SHEET



- Land Suitability for Sown Pastures**
- Suitable for dryland sown pastures¹ with minor limitations
 - Suitable for dryland sown pastures¹ with moderate limitations
- Suitability of Remaining Land for Native Pasture**
- Suitable for grazing native pasture of moderate productivity
 - Suitable for grazing native pasture of low productivity

¹ grasses: Calide Rhodes, Green panic, Setaria, Pangola
pasture legumes: Siratro, fine stem stylo, Lotononis, Wynn cassia, Leucaena



The National Landcare Program, whose support is gratefully acknowledged, largely funded the Brisbane Valley Land Resource Assessment.

NOTES

Land is classified on the basis of the specified land use being sustainable and productive in the long term, and on the assumption that appropriate soil conservation measures are implemented and maintained. The use of current technology and management practices is assumed. Land is classified with regard to the inherent qualities of the land; the availability of suitable irrigation water is not considered. Further explanation regarding the land class assessment can be found in the report that accompanies this map.

INTENSITY STATEMENT

This suitability assessment is based on the results of a medium intensity soil survey consisting of ground observations and aerial photograph interpretation. Observation density averaged one observation per 53 ha over the entire study area, ranging from less than one per 100 ha in rugged terrain to approximately one per 25 ha in intensively used areas.

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SCALE 1 : 75 000

metres
2000 0 2 4 kilometres

UNIVERSAL TRANSVERSE MERCATOR PROJECTION
GRID LINES ARE 5 000 METRE INTERVALS OF THE AUSTRALIAN MAP GRID, ZONE 56
GRID VALUES ARE SHOWN IN FULL AT THE SOUTH WEST CORNER OF THE MAP
AUSTRALIAN GEODETIC DATUM 1984

SURVEY by B.P. Harms and S.M. Pointon, Department of Natural Resources and P. Sorby, formerly of the Department of Primary Industries.

CARTOGRAPHY by G.J. Finney, Natural Sciences Precinct, Department of Natural Resources, Indooroopilly, Brisbane.

BASE MAP compiled from the Digital Cadastral Data Base, Department of Natural Resources, Brisbane.

PRODUCED at the Natural Sciences Precinct by the Spatial Information and Mapping Group, Resource Sciences and Knowledge, Department of Natural Resources, Indooroopilly.

Land Suitability for Irrigated Crops and Irrigated Pastures

- Suitable for irrigated cropping¹ with minor limitations
- Suitable for irrigated cropping¹ with moderate limitations
- Marginal for irrigated cropping¹ (severe limitations)
- Suitable for irrigated sown pastures² with moderate limitations
- Marginal for irrigated pastures (severe limitations)
- Unsuitable for irrigated pastures (extreme limitations)

[Note: Land suitable for irrigated cropping is also suitable for irrigated pasture]

¹ irrigated small crops: cucurbits, capsicum, tomato, green beans, peas, sweet corn
² ryegrass, white clover, lucerne, forage oats, forage sorghum, forage legumes

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BRISBANE VALLEY AREA - ESK SHEET
LAND SUITABILITY
DNR Ref. No. 99-BVL-I-P 3239

MAP 3