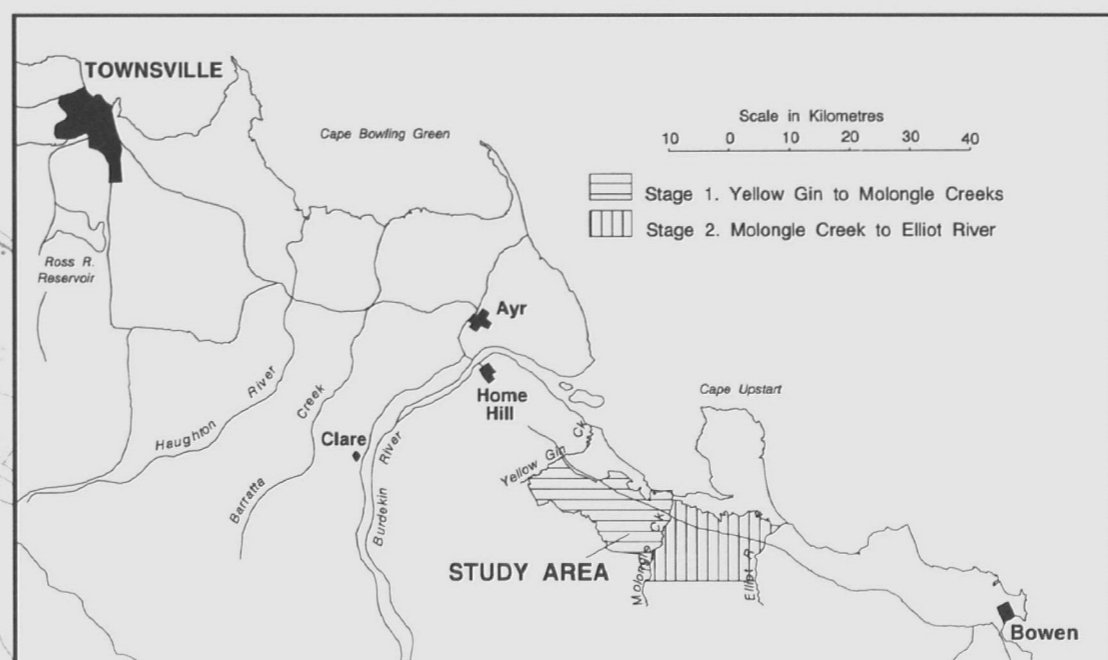


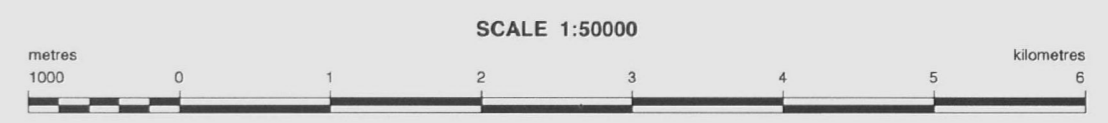
**LOCALITY PLAN**



**DPI DEPARTMENT OF PRIMARY INDUSTRIES**  
QUEENSLAND

**BURDEKIN RIVER IRRIGATION AREA**  
**RIGHT BANK - YELLOW GIN CREEK TO ELLIOT RIVER**

**SUGAR-CANE LAND SUITABILITY**



TRANSVERSE MERCATOR PROJECTION  
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**INTENSITY STATEMENT**  
This assessment uses the results of a medium - low intensity soil survey. The soil survey was based on aerial photograph interpretation and ground observations of the order of one observation to an area of 150 - 200 hectares.

**REFERENCE**

Mapping Unit Code	Dominant Soil Group and Soil Series *	Mapping Unit Code	Dominant Soil Group and Soil Series *
<b>SOILS OF THE LOCAL ALLUVIAL PLAINS AND ASSOCIATED PEDIMENTS (LANDSCAPE UNIT 1)</b>			
1Ug	Grey cracking clays - Barrunga, Linglor	6Um	Soil with medium texture (loam, clay loam) throughout - Burdekin
1Dy	Sodic duplex soil with grey B horizon - Gaynor	6Ur	Dark and grey non-cracking clay
<b>SOILS OF THE LOCAL ALLUVIAL PLAINS (LANDSCAPE UNIT 3)</b>			
3Ug	Black earth and grey cracking clay - Koberinga	6Gn	Soil with gradual increase in texture with depth but not calcareous throughout - Farenser
<b>(B) RELICT ALLUVIAL PLAIN (EAST OF WANGARATTA CREEK)</b>			
3Ug	Grey cracking clay - Toigai	6Dr	Sodic duplex soil with red B horizon - Lanona
3Dy	Sodic duplex soil with grey B horizon	6Db	Sodic duplex soils with brown B horizon - Kelona, Glenalder, Noto, Emble
<b>SOILS OF THE GENTLY UNDULATING RISES ON ACID INTRUSIVE ROCKS, PEDIMENTS AND PRIOR STREAMS (LANDSCAPE UNIT 4)</b>			
4Dy	Sodic and non-sodic duplex soils with yellow or grey B horizon - Mulgrave, Bambarva	6Dy	Sodic duplex soils with grey B horizon - Kelona Lanona, Jacuna
5Ug	Black earth and grey cracking clay - Wyong	6Dd	Sodic duplex soil with dark B horizon
5Dr	Non-sodic duplex soil with red B horizon - Dalrymple	* Series name as defined in Hubble and Thompson (1953)	
5Dy	Sodic and non-sodic duplex soils with yellow or grey B horizon - Kyanoota, Ranly	<b>PHASES</b>	
<b>SOILS OF THE MISCELLANEOUS ALLUVIAL LANDFORMS (LANDSCAPE UNIT 6)</b>			
6Uc	Soil with coarse texture (sand, sandy loam) throughout - Burdekin	E	Areas degraded either by severe active erosion or by channelling from overbank creek or river flooding
<b>LAND SUITABILITY CLASSES</b>			
		R	Areas with rock outcrop
		SP	Seasonal or permanent swamps
		<b>LAND SUITABILITY CLASSES</b>	
		[White box]	Suitable lands for furrow irrigation of sugar-cane
		[Diagonal lines box]	Marginal lands for furrow irrigation of sugar-cane
		[Cross-hatched box]	Land unsuitable for furrow irrigation of sugar-cane

SURVEY by T.E. Donnellan, Land Management Division, Department of Primary Industries, Ayr.  
CARTOGRAPHY by J.N. Jeffery and G.W. Swan, Land Management Division, Department of Primary Industries, Brisbane.  
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