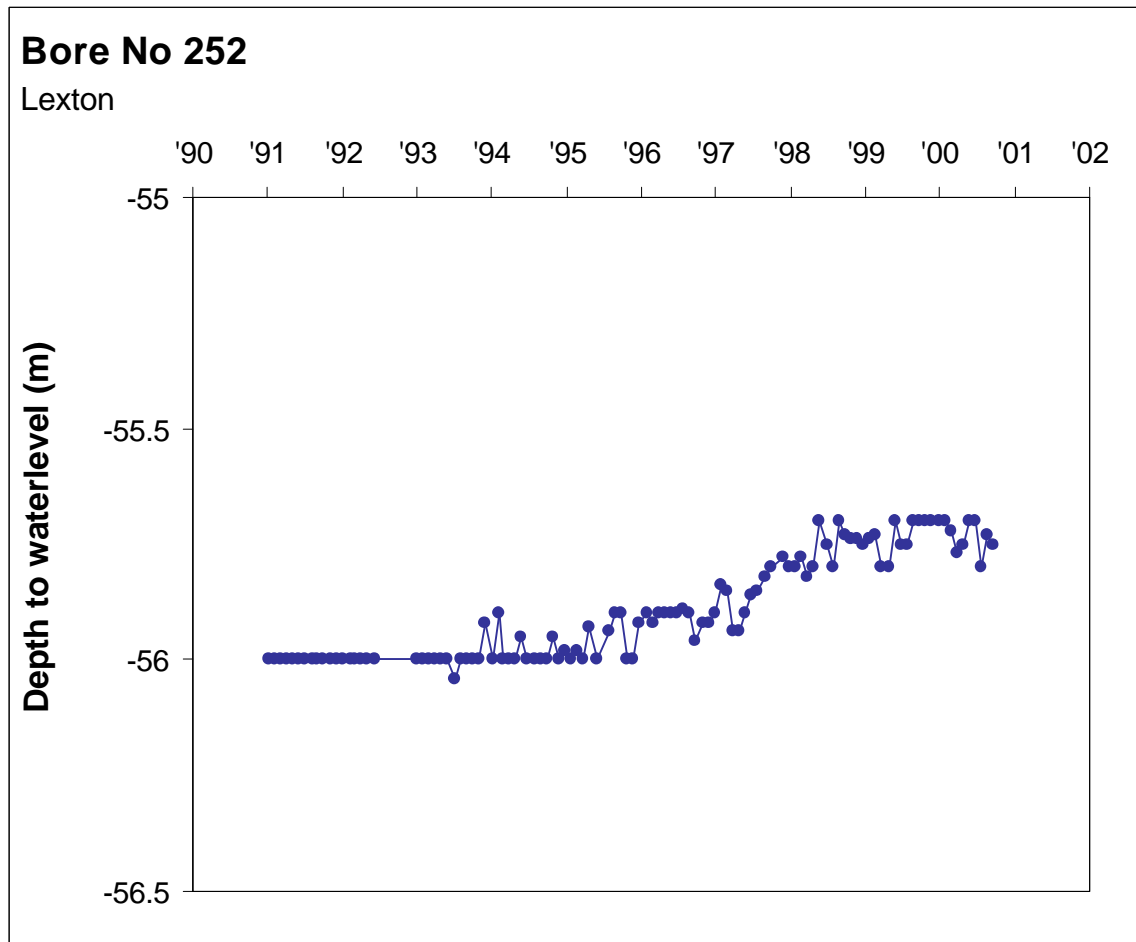
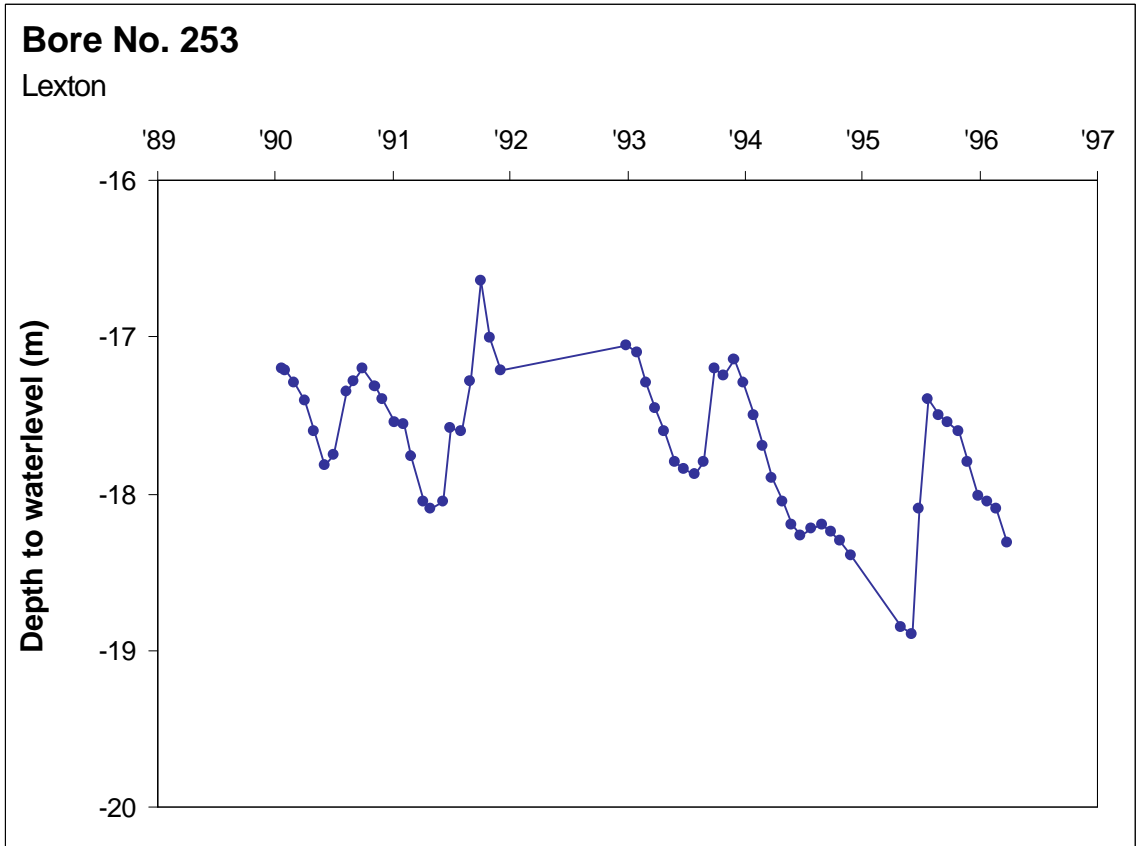


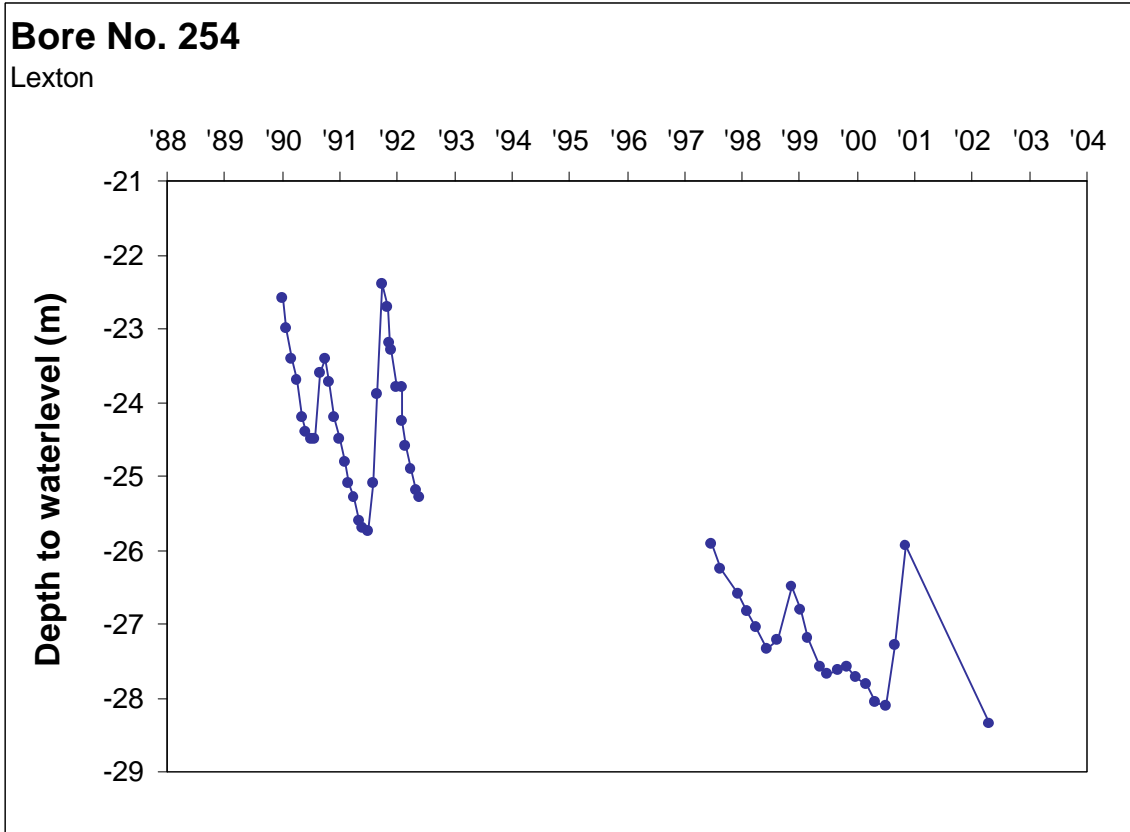
Appendix 1 Hydrographs of Bet Bet monitoring bores



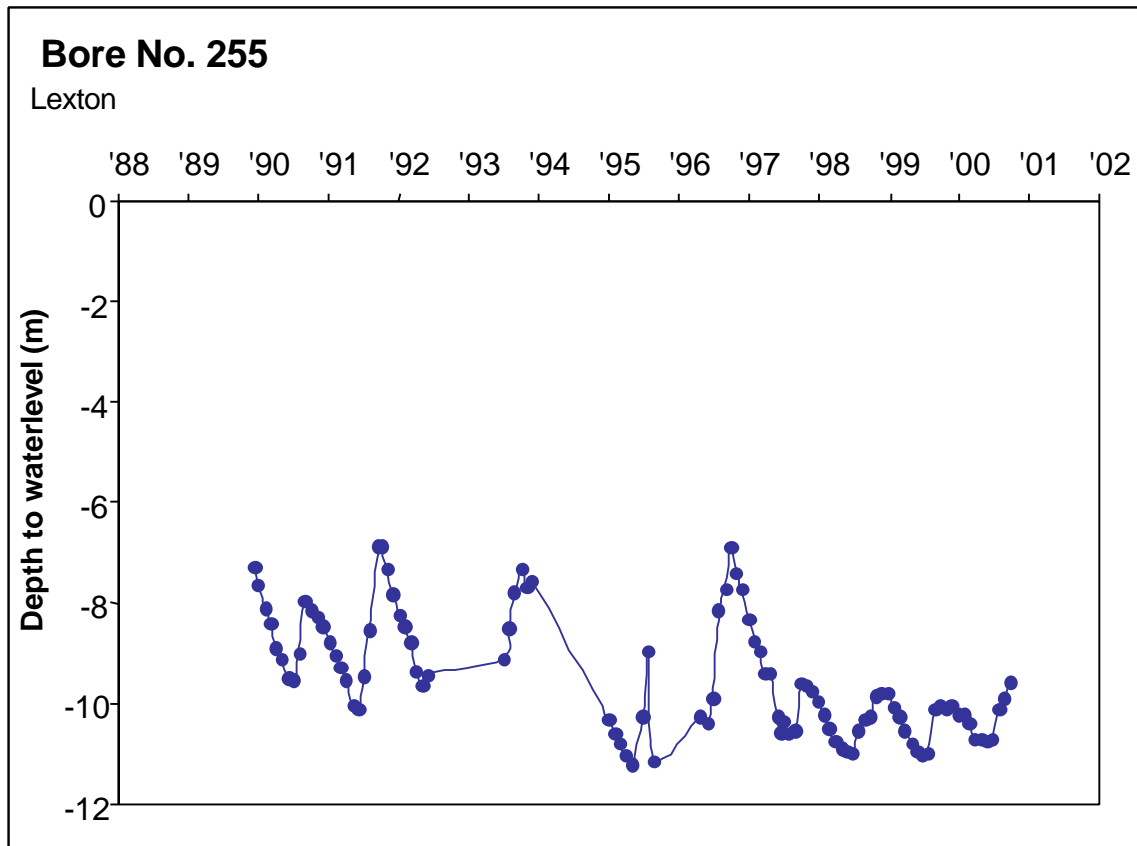
CLPR No:	252	Bore monitor:	Dal McErvale
Locality description:	Lexton, Ben Major Top of hill, crest		
Geological description:	Devonian granite and associated metamorphic rocks Clay, silt overlying hard granite/metamorphic rock		
Bore depth (m):	91.5	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	56 (March 2001)	Salinity (EC) (µS/cm):	-
Groundwater trend:	Shows an overall rising groundwater trend, regardless of low rainfall years. Recharge to this aquifer is not reliant on local rainfall. Recharge is possibly occurring from a regional source.		



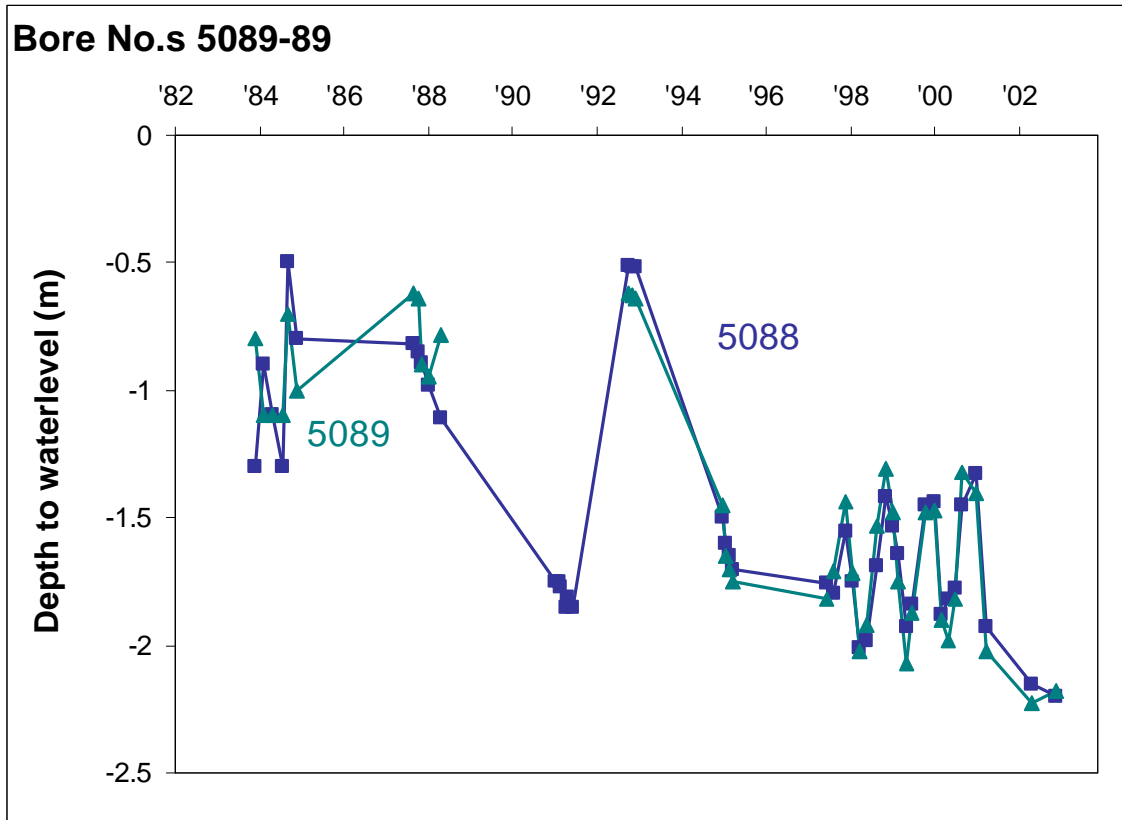
CLPR No:	253	Bore monitor:	DPI
Locality description:	Top of the hill on a steep slope		
Geological description:	Ordovician sedimentary rock Hard fractured marine shale and sandstone		
Bore depth (m):	53	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	18.5 (in 1996)	Salinity (EC) (µS/cm):	-
Groundwater trend:	No readings since 1996. In process of reinstating monitoring of this bore.		



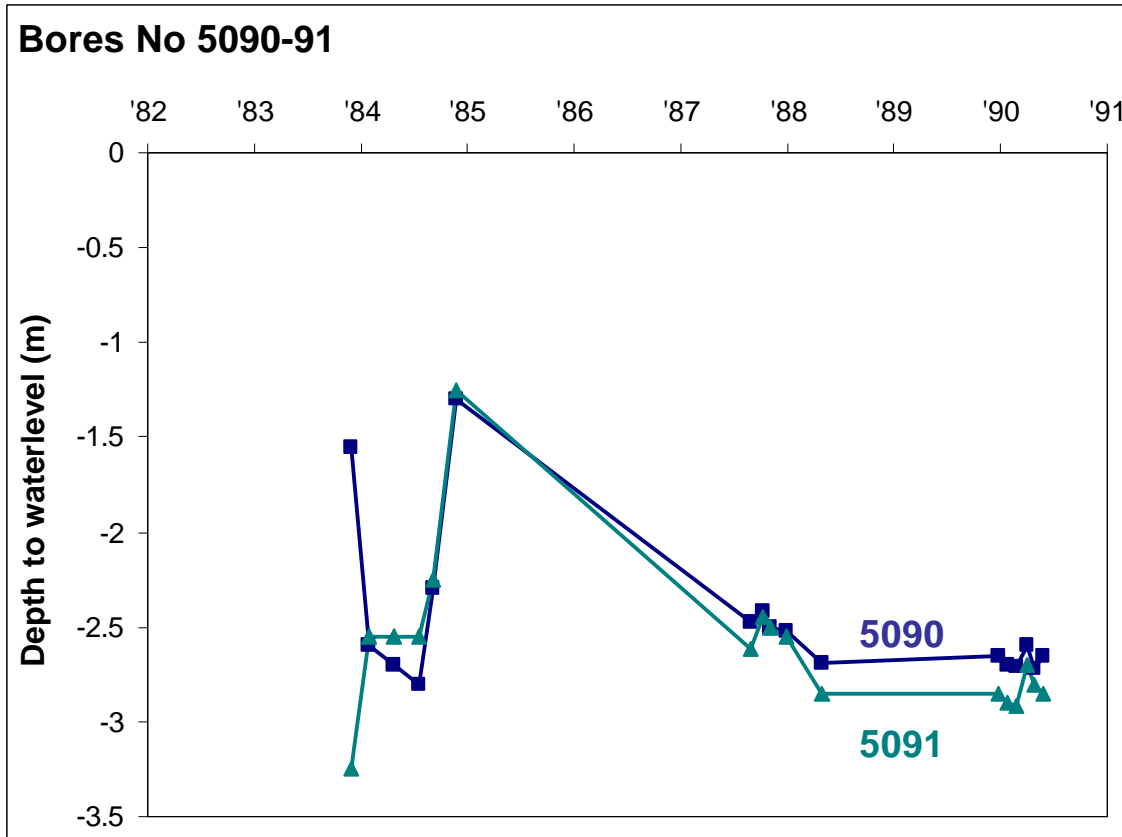
CLPR No:	254	Bore monitor:	DPI
Locality description:	Top of the hill above severe erosion and salinity off Yalong Road.		
Geological description:	Ordovician sedimentary rock Hard fractured marine shale and sandstone		
Bore depth (m):	53	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	28	Salinity (EC) (µS/cm):	-
Groundwater trend:	Data gap from 1993–1996. Overall strong fall in groundwater level and trend.		



CLPR No:	255	Bore monitor:	Gerard Briody
Locality description:	Lexton. Top gully above saline discharge site.		
Geological description:	Ordovician sedimentary rock Hard fractured marine shale and sandstone		
Bore depth (m):	69	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	10 (2001)	Salinity (EC) (µS/cm):	-
Groundwater trend:	Strong response to local climatic variation. A falling groundwater trend overall has been observed since 1993. It appears that in the past five years the overall falling trend has levelled out.		

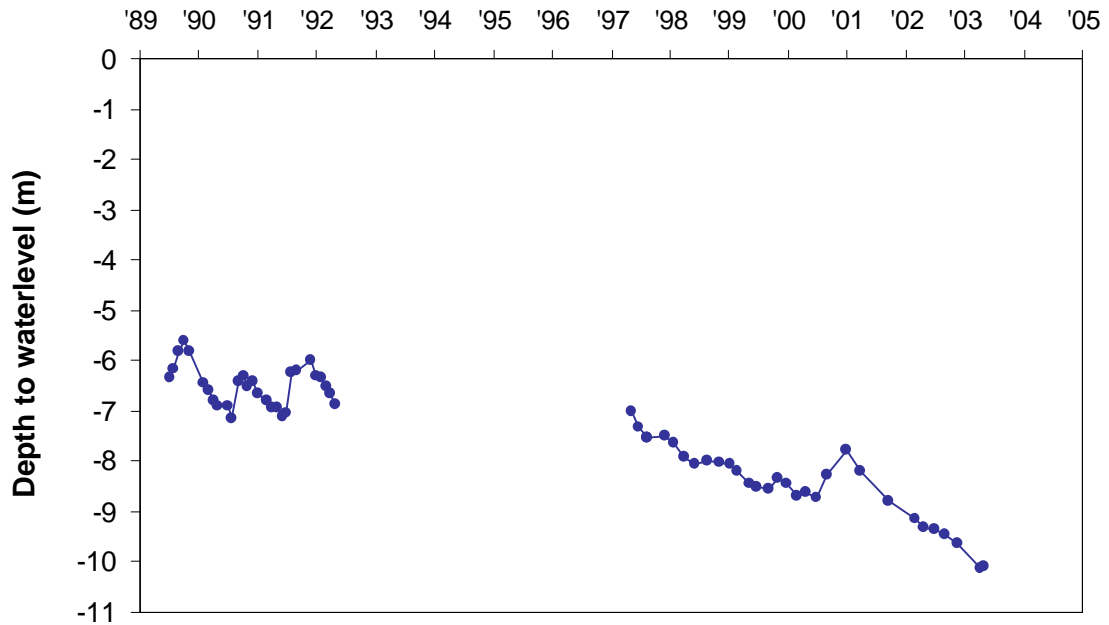


CLPR No:	5088, 5089	Bore monitor:	DPI
Locality description:	Lexton. On discharge site.		
Geological description:	Colluvium outwash, on top of fluvial clays, silts, sands and gravels		
Bore depth (m):	5088 = 18.2 5089 = 6	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	5088 = 2 5089 = 2	Salinity (EC) ($\mu\text{S}/\text{cm}$):	
Groundwater trend:	Erratic hydrograph behaviour due to the lack of regular reading in the early 1990s. Very responsive to local climatic variation with an overall falling groundwater trend.		



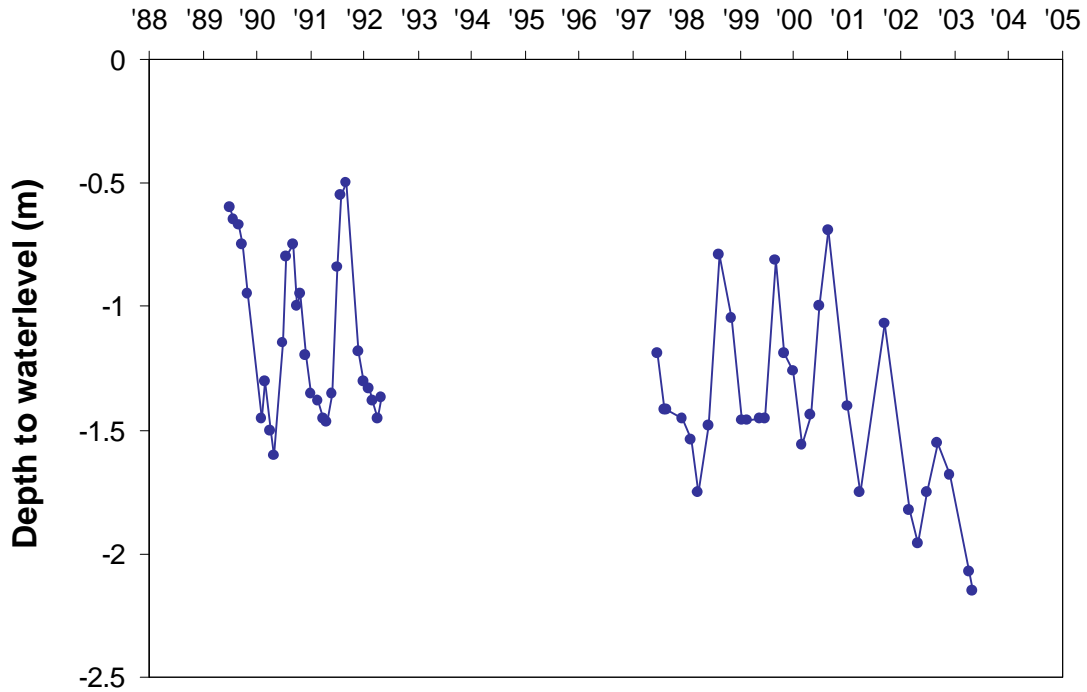
CLPR No:	5090, 5091	Bore monitor:	A. Hobson
Locality description:	Lexton. Just above discharge site off Blackbottom Road		
Geological description:	Colluvium outwash, on top of fluvial clays, silts, sands and gravels		
Bore depth (m):	5090 = 20 5091 = 7	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	5090 = 2.5 5091 = 2.7	Salinity (EC) (µS/cm):	-
Groundwater trend:	Erratic hydrograph behaviour due to lack of recorded information between 1985–88. Sporadic readings throughout the 1980s. No readings since 1991. Shows an overall falling trend responding to climatic variation. Would be worth reinstating.		

Bore no. 5157

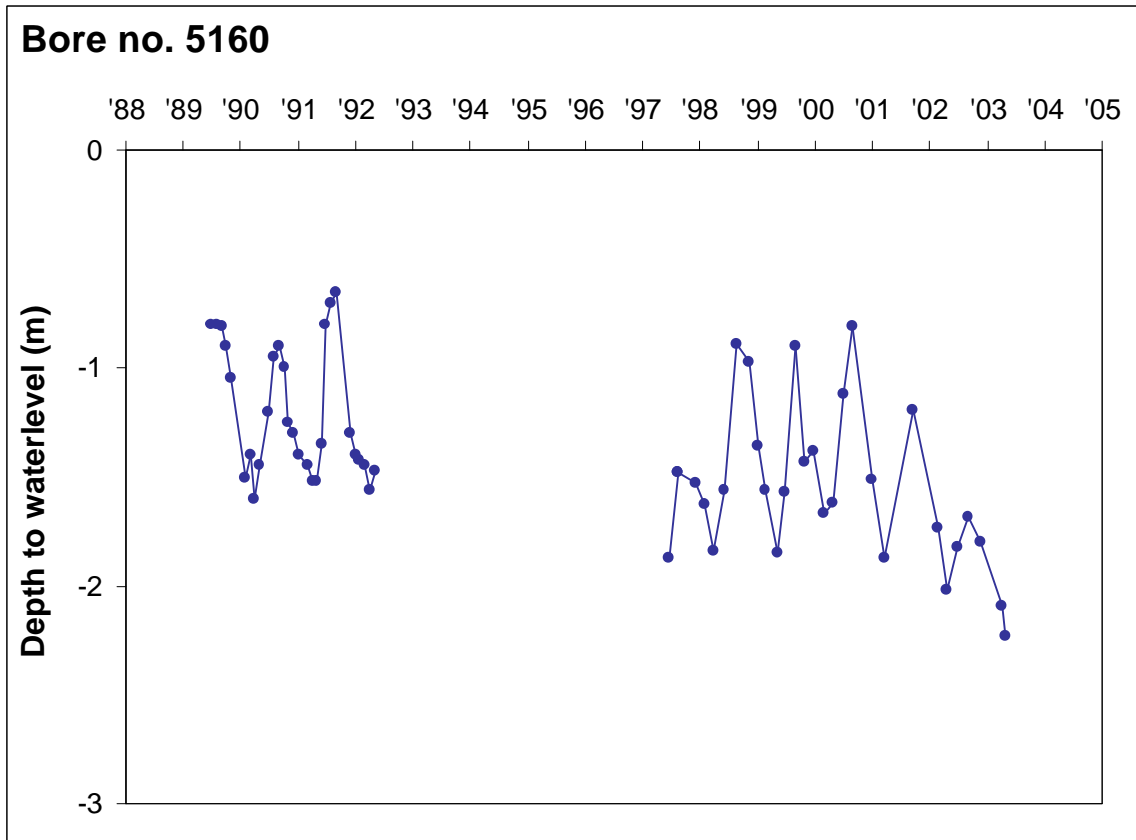


CLPR No:	5157	Bore monitor:	DPI
Locality description:	Lexton		
Geological description:	Devonian granite and associated metamorphic rocks Clay, sands overlying hard granite/metamorphic rock		
Bore depth (m):	17.3	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	10	Salinity (EC) ($\mu\text{S}/\text{cm}$):	10 252
Groundwater trend:	Missing data between 1993–1997. Strong fall in groundwater level since 1998.		

Bore no. 5159

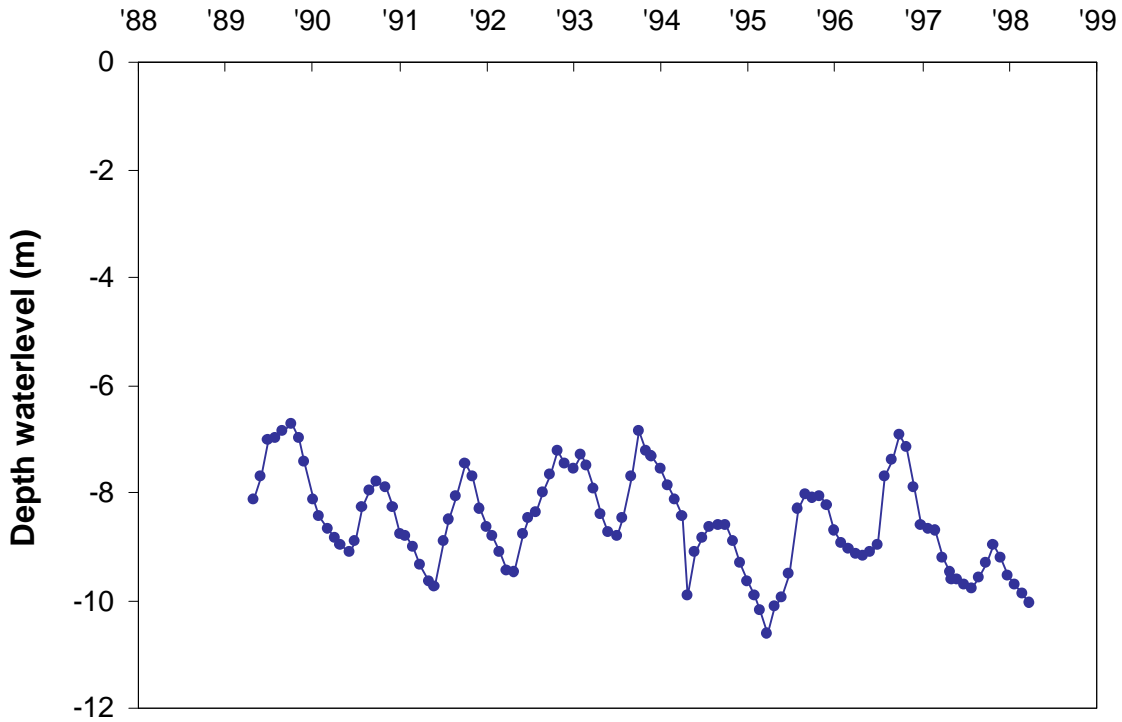


CLPR No:	5159	Bore monitor:	DPI
Locality description:	Lexton, on base of Granite Hill		
Geological description:	Ordovician granite and associated metamorphic rocks Clay, sands overlying hard granite/metamorphic rock		
Bore depth (m):	15.2	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	2	Salinity (EC) (µS/cm):	-
Groundwater trend:	Strong response to local climatic variation. Overall falling groundwater trend.		

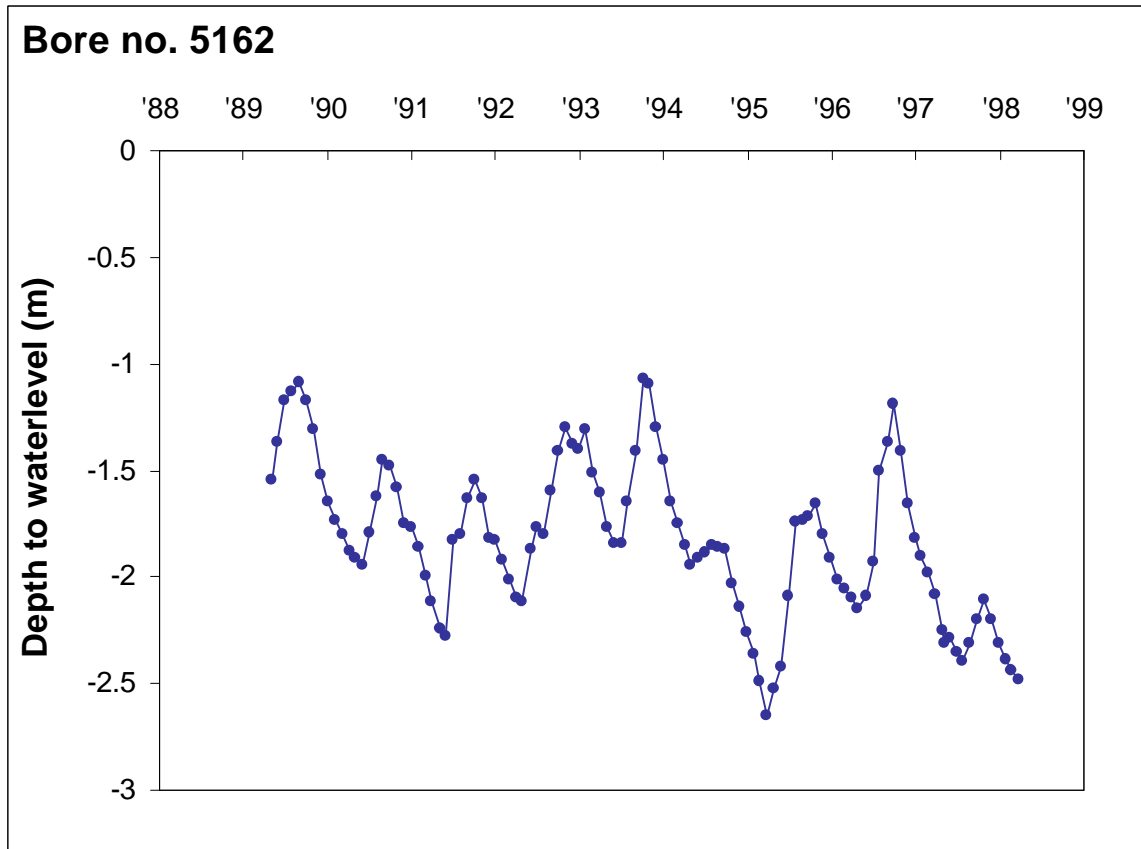


CLPR No:	5160	Bore monitor:	DPI
Locality description:	Lexton Monitors discharge site		
Geological description:	Ordovician granite and associated metamorphic rocks Clay, sands overlying hard granite/metamorphic rock		
Bore depth (m):	3.3	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	2	Salinity (EC) (µS/cm):	-
Groundwater trend:	Missing data between 1993–1997. Strong response to local rainfall variation. Slightly falling groundwater level overall.		

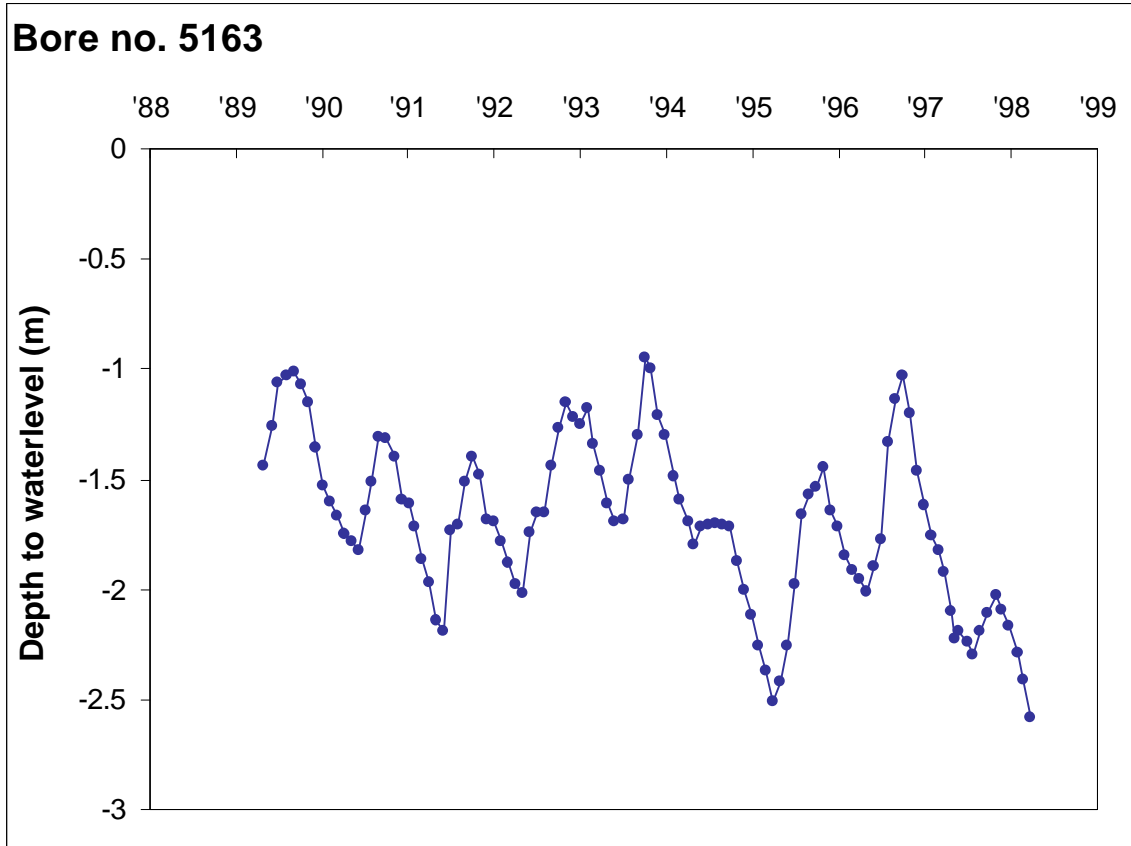
Bore no. 5161



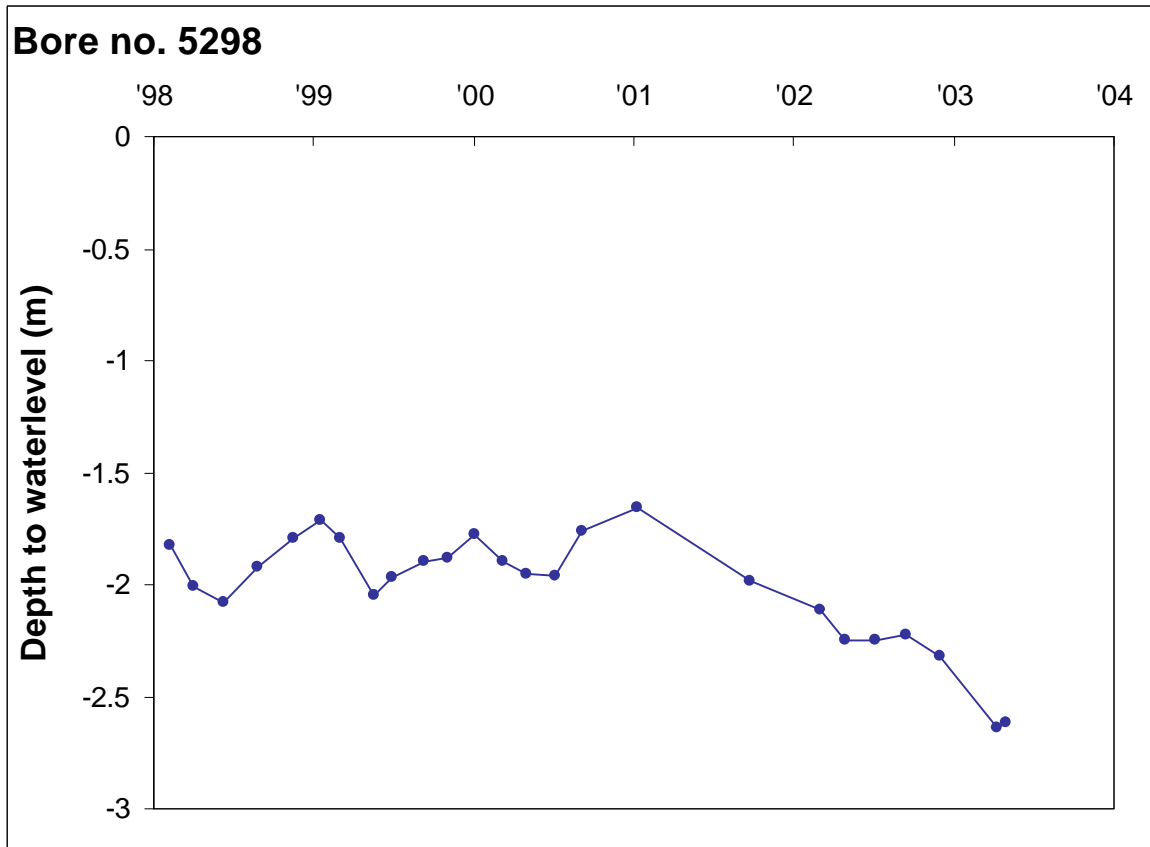
CLPR No:	5161	Bore monitor:	D. Jolly
Locality description:	North of Lexton on the Sunraysia Highway		
Geological description:	Ordovician sedimentary rock Hard fractured marine shale and sandstone		
Bore depth (m):	19.2	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	10	Salinity (EC) (µS/cm):	10 254
Groundwater trend:	Even underlying groundwater trend with strong response to seasonal climatic variation. No data/lapsed since 1998.		



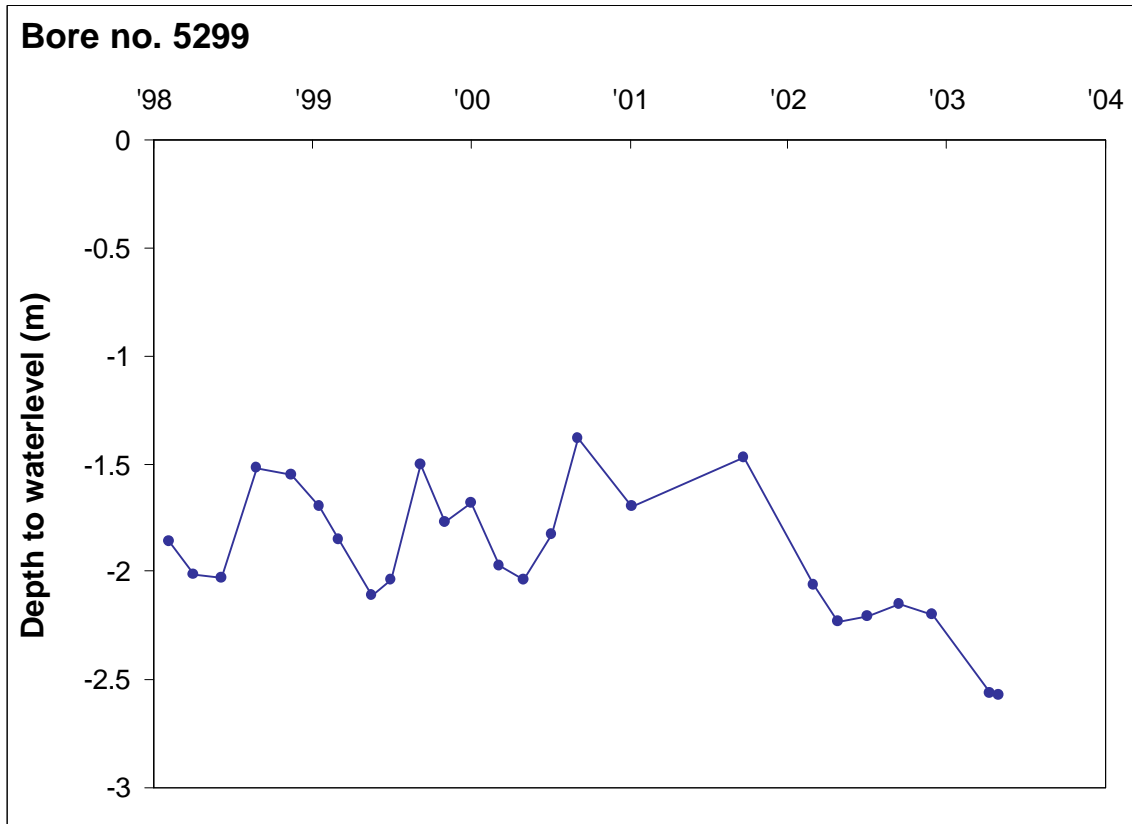
CLPR No:	5162	Bore monitor:	D. Jolly
Locality description:	North of Lexton on the Sunraysia Highway		
Geological description:	Fluvial clay, silt, sand and gravel		
Bore depth (m):	16.7	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	2.5 (1998)	Salinity (EC) ($\mu\text{S}/\text{cm}$):	10 255
Groundwater trend:	Data only available to 1998. Shows it is very responsive to local climatic variation.		



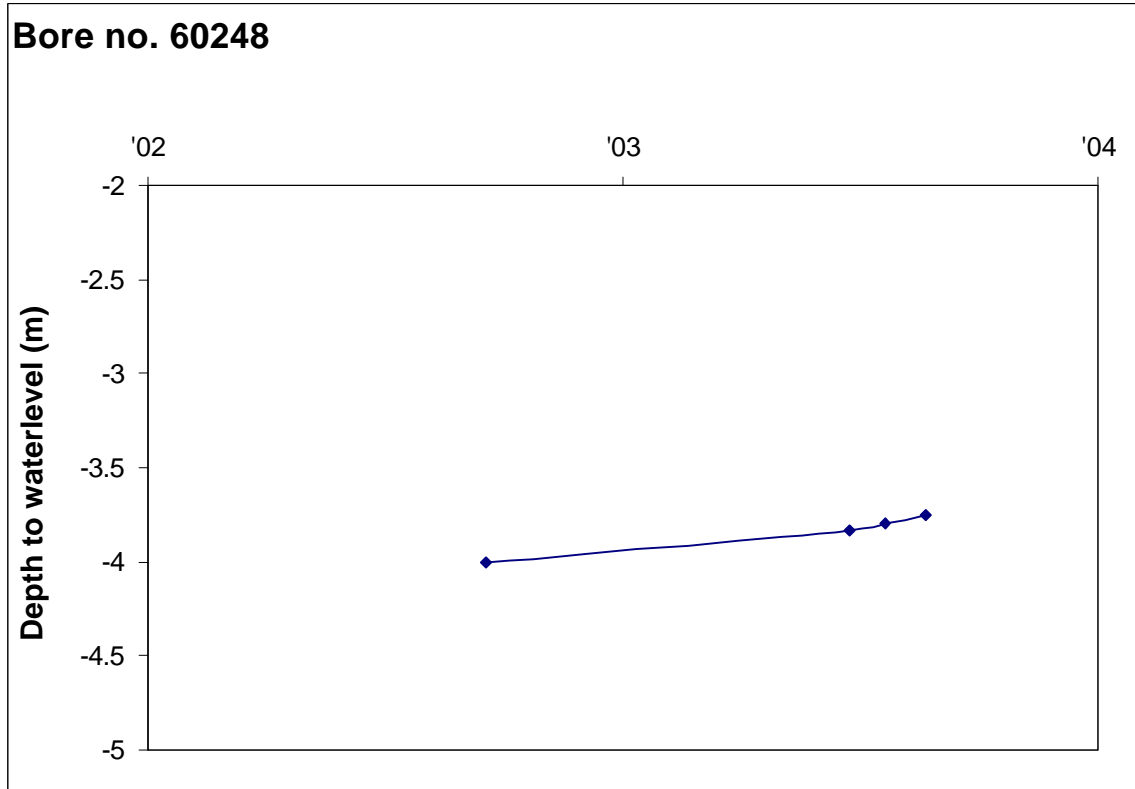
CLPR No:	5163	Bore monitor:	D. Jolly
Locality description:	North of Lexton on Sunraysia Highway		
Geological description:	Fluvial clay, silt, sand and gravel		
Bore depth (m):	n/a	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	2.5	Salinity (EC) (µS/cm):	10 256
Groundwater trend:	Even underlying groundwater trend with strong response to seasonal climatic variation. No data/lapsed since 1998.		



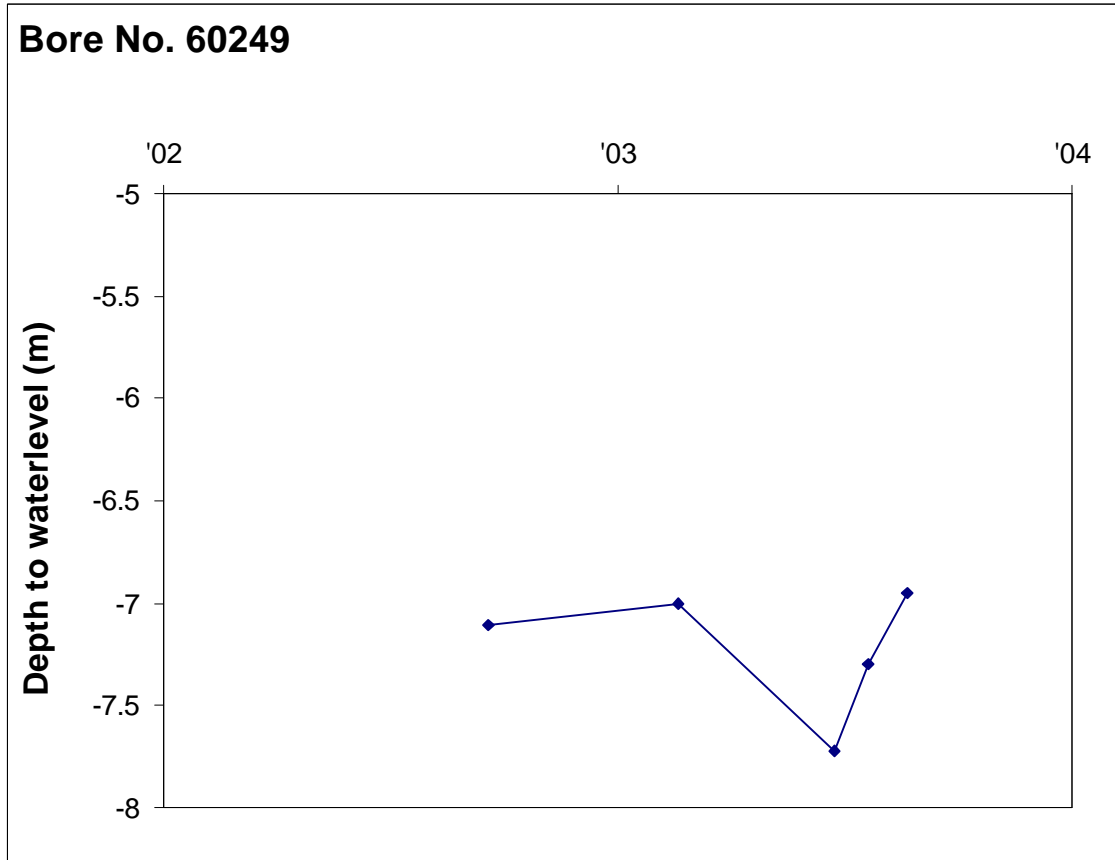
CLPR No:	5298	Bore monitor:	DPI
Locality description:	Yalong Road, in drainage line		
Geological description:	Fluvial clays, silts, sands and gravels.		
Bore depth (m):	n/a	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	2.5	Salinity (EC) (µS/cm):	-
Groundwater trend:	Falling groundwater level. Responsive to local rainfall variation.		



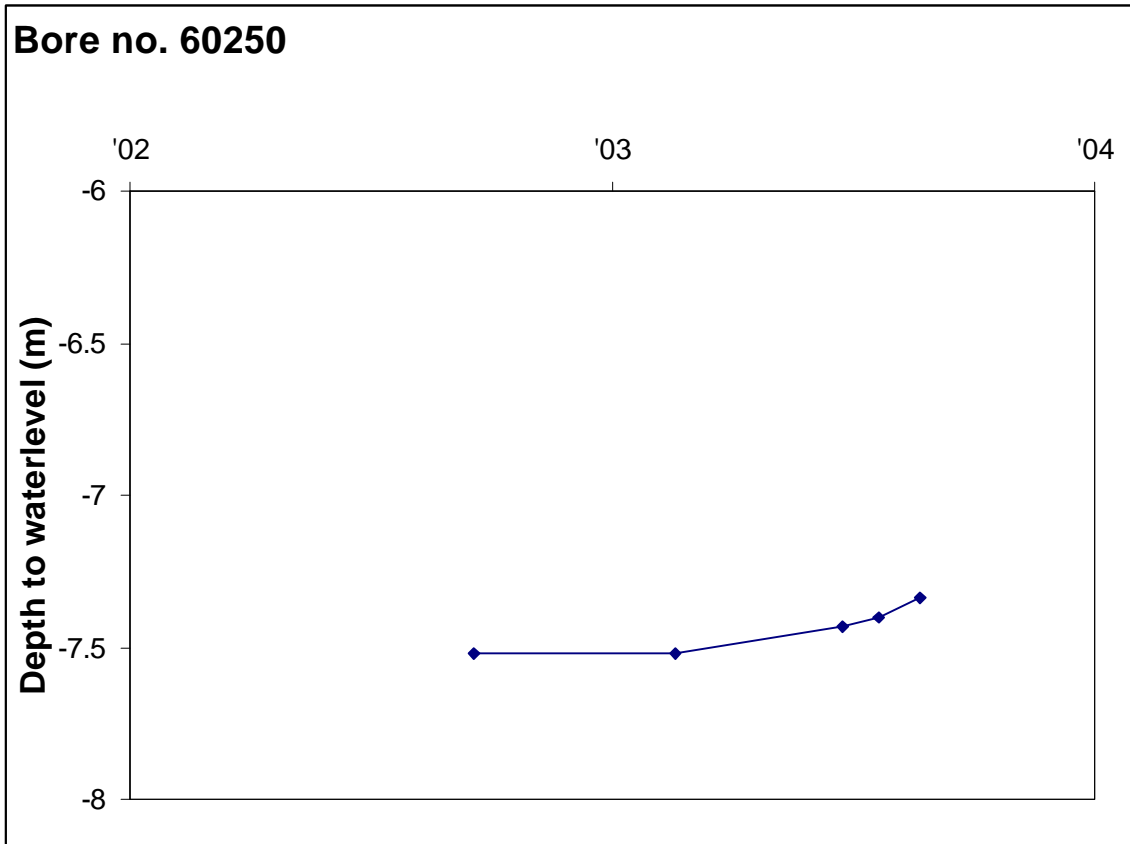
CLPR No:	5299	Bore monitor:	DPI
Locality description:	Roadside north-west of Lexton		
Geological description:	Fluvial clay silt, sand and gravel		
Bore depth (m):	n/a	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	2.5	Salinity (EC) (µS/cm):	-
Groundwater trend:	Responsive to climatic variation. An overall falling groundwater trend.		



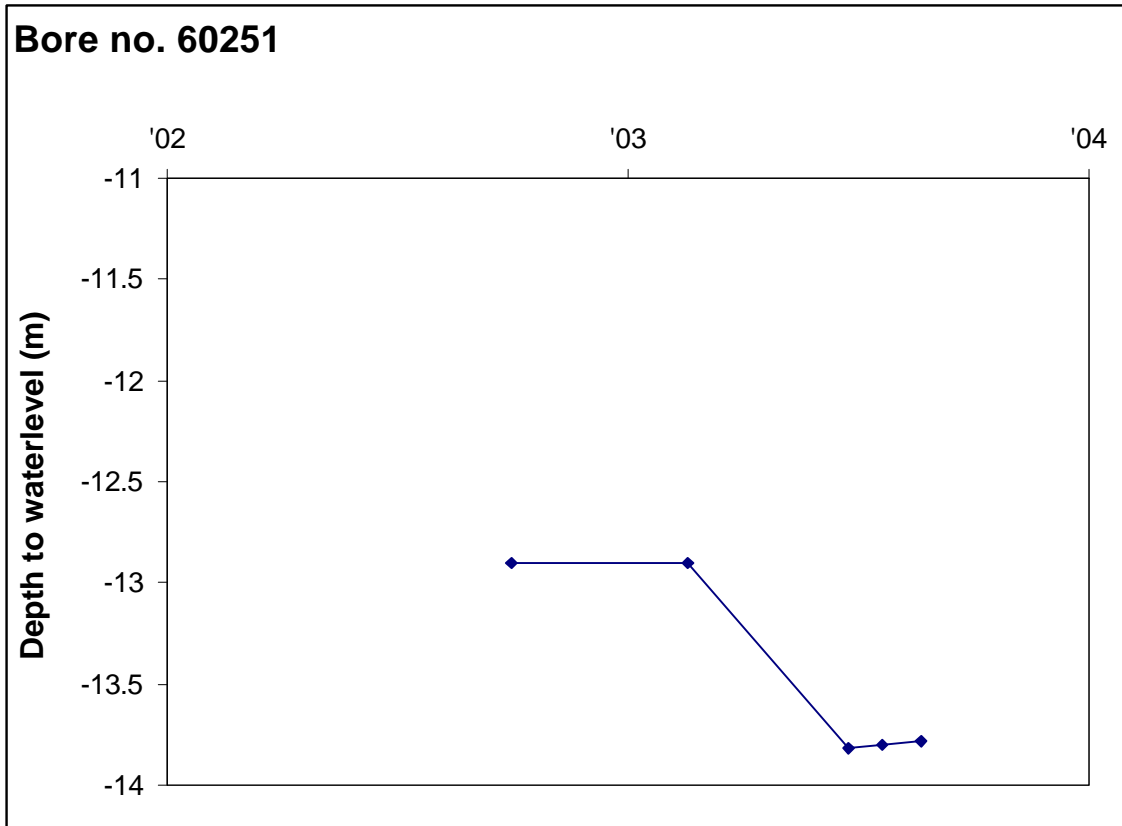
CLPR No:	60248	Bore monitor:	DPI
Locality description:	Roadside Lexton Sunraysia Highway Lower slope		
Geological description:	Fluvial clay, silt sand and gravel		
Bore depth (m):	17.5	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	3.8	Salinity (EC) (µS/cm):	4850
Groundwater trend:	An overall rising groundwater trend. Limited data. New bore.		



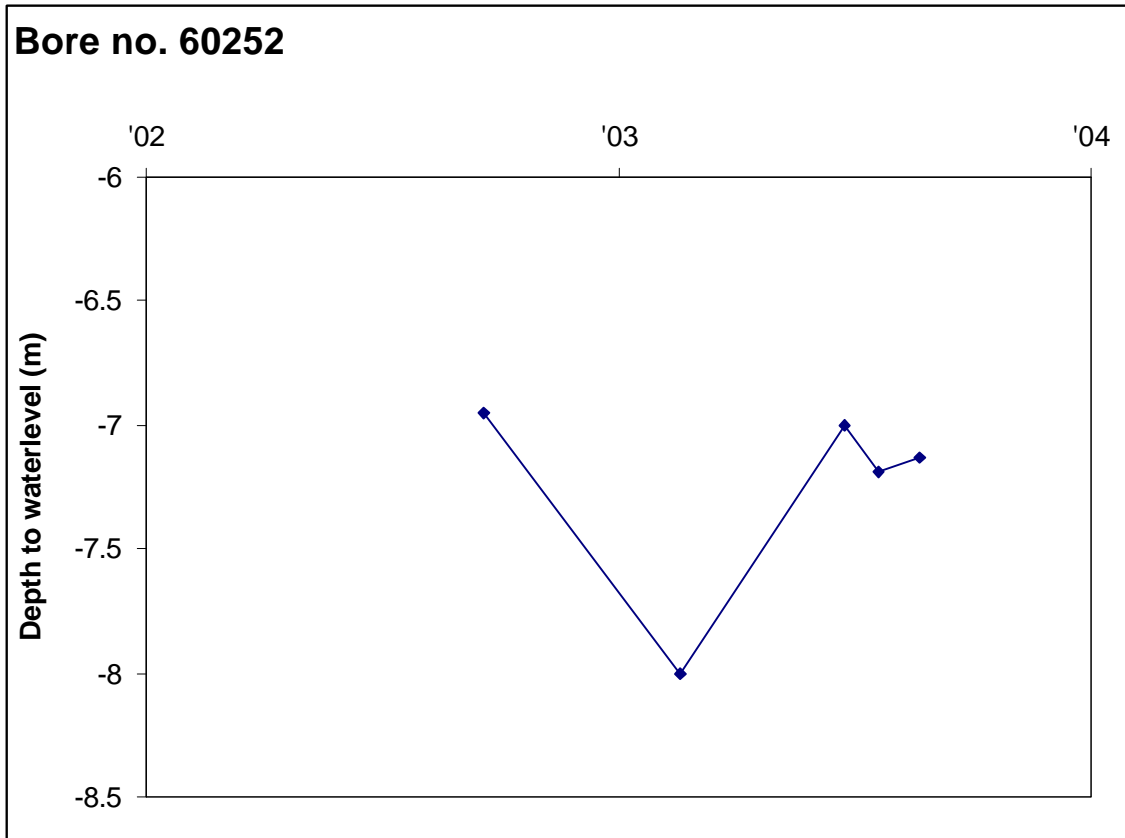
CLPR No:	60249	Bore monitor:	DPI
Locality description:	Roadside Lexton Rifle Range Road Mid-lower slope		
Geological description:	Ordovician sedimentary rock Hard fractured marine shale and sandstone		
Bore depth (m):	17.5	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	7.7	Salinity (EC) (µS/cm):	14 420
Groundwater trend:	Responsive to climatic variation. An overall falling groundwater trend. New bore.		



CLPR No:	60250	Bore monitor:	DPI
Locality description:	Roadside Lexton Forest Road Upper slope		
Geological description:	Ordovician sedimentary rock Hard fractured marine shale and sandstone		
Bore depth (m):	22	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	7.4	Salinity (EC) (µS/cm):	5220
Groundwater trend:	Responsive to climatic variation. An overall rising groundwater trend. New bore.		



CLPR No:	60251	Bore monitor:	DPI
Locality description:	Roadside Lexton Maryborough Road Mid-slope		
Geological description:	Ordovician sedimentary rock Hard fractured marine shale and sandstone		
Bore depth (m):	22	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	13.8	Salinity (EC) (µS/cm):	13 890
Groundwater trend:	Responsive to climatic variation. An overall falling groundwater trend. New bore.		



CLPR No:	60252	Bore monitor:	DPI
Locality description:	Roadside Lexton. Impeys Road		
Geological description:	Ordovician Sedimentary Rock (Hard, fractured marine shale and sandstone)		
Bore depth (m):	16	Average rainfall (mm/yr):	611
Current water depth 2003 (m):	7.2	Salinity (EC) (µS/cm):	6540
Groundwater trend:	Responsive to climatic variation. An overall falling groundwater trend. New bore.		