

Information Request Response

Reference:	141022_NCCC
Subject:	Out of Session Information Request Item Narrabri CCC
Request date:	22 October 2014
Requested by:	CCC member through David Ross, Chair Narrabri CCC
Background Request:	<p>Email Request 22/10/14</p> <ol style="list-style-type: none"> 1. Request for further information re: Leewood Water Analysis report distributed at Narrabri CCC meeting 22/10/14 <i>Location of Bore re the ponds?</i> 2. <i>Total depth of bore?</i> 3. <i>Depth of 'slots' for water admittance?</i> 4. <i>What is flow rate of bore?</i> 5. <i>From the driller's log, can you tell me the aquifers uncounted and the ones that are accessed for pumping (from slots)?</i> 6. <i>Not doubting your figure of 17.05 m for standing water level, but is this correct, and what is the SWL during pumping?</i>
Response:	<p>Item 1 – Location of Bore re the ponds?</p> <ul style="list-style-type: none"> • Refer Attachment One that shows the bore location marked by blue circle in relation to the Leewood ponds. • The photo image is dated as the pond construction is now complete but provides geographical location of the bore.
	<p>Item 2 – Total depth of bore?</p> <ul style="list-style-type: none"> • 204 metres.
	<p>Item 3 – Depth of 'slots' for water admittance?</p> <ul style="list-style-type: none"> • 174 metres to 198 metres.
	<p>Item 4 – What is flow rate of bore?</p> <ul style="list-style-type: none"> • The flow rate of the bore depends on the size of the pump that is fitted. • At this location, the pump presently is not operated continuously. • The bore is licenced with the NSW Office of Water and the total volume of water extracted annually will be less than that authorised under the licence.
	<p>Item 5 – From the driller's log, can you tell me the aquifers uncounted</p>

	<p><i>and the ones that are accessed for pumping (from slots)?</i></p> <ul style="list-style-type: none"> • Only the Pilliga sandstone has been targeted and screened for use.
	<p>Item 6 – <i>In relation to the figure of 17.05 metres for standing water level, what is the SWL during pumping?</i></p> <ul style="list-style-type: none"> • Standing water level (SWL) by definition is the level of the water without pumping. • We do not measure draw-down level as this is a variable that can only be fully and consistently achieved with a pump test. • Regional groundwater levels are more useful when measured as SWL as this provides an indicative water level in the aquifer.
Briefing Officer:	Annie Moody Team Leader, Community and Land
Date:	27/10/2014

Attachment One



Leewood bore