

			TABLE 1					
'Kyeema', Gundaroo								
Summary of Water Analyses 2014-2015 Sampling Results in Comparison with Various Standards								
Met	Test	Units	BORE 1	BORE 1	ABWI Limit ¹	FSANZ limit ²	NHMRC1996	Comments
	Test Date		19.8.14	27.2.15			'Health'	
	pH	pH units	6.80	6.95	++	++	++	*
	Sp.Conductance (EC)	uS/cm	420	363	++	++	++	*
	T Diss Salt - TDS	mg/L	272	226	250	++	++	*
	Total Hardness	mg/L	87	76				
	Sodium Absorption Ratio (SAR)		2	2				
	Anions							
	Bicarbonate	mg/L	73.20	90.10	++	++	++	*
	Carbonate	mg/L	0	0	++	++		*
	Fluoride	mg/L	0.3	0.3	1.5	2	1.5	
	Chloride	mg/L	72.8	49.2	250	++	++	*
	Bromide	mg/L	<0.4	<0.4				*
	Sulphate	mg/L	12.4	6.4				*
	Nitrate (as N)	mg/L	0.1	<0.05	10.0	45 (as NO3) -11.3 as N	10	*
	Nitrite (as N)	mg/L	<0.05	<0.05	1.0	0.005 (as NO2) ??	1	*
	Nitrite + Nitrate (as N)	mg/L	0.10	<0.05				
	Phosphate (as P)	mg/L	<0.04	<0.04				
	Anions							
	Diss Calcium	mg/L	10.2	9.06	++	++	++	*
	Diss Magnesium	mg/L	14.9	13.0	++	++	++	*
	Diss Potassium	mg/L	2.0	1.8	++	++	++	*
	Diss Sodium	mg/L	41.5	34.5	++	++	++	* 180 aesthetic
	Dissolved Ox (DO)	mg/L	7.2	3.8		>5 ⁴		*
	Chem Ox Demand (COD)	mg/L	18	10	++	<40 ⁴	++	*
	Biochemical Oxy Demand (BOD)	mg/L	<2	<2		<15 ⁴		
	Coliforms & E.coli				-	-		*
	Faecal coliforms	CFU/100mL	<2	<2	0	0	0	trace
	E.coli	CFU/100mL	<2	<2	0	0	0	trace
1. Australian Bottled Water Institute (Model Code, June 2004)					Note: mg/L Milligrams per litre		++ no health-based guideline is necessary	
2. Food Standards Australia and New Zealand (Standard 2.6.2)							* high quality, pass on all relevent standards	
3. NHMRC 1996 National Health and Medical Association							Ionic balance 1.02	
4. National Water Quality Management Strategy,Guidelines for fresh and Marine Water Quality,Paper NO.4 (2000)								
							Hydrochemical Classification #1 : chloride - sodium wa	