

**GEE LONG LEATHER PTY LTD - CULCAIRN**

**PIEZOMETER TEST RESULTS 2016**

EPA ID LOCATION: 14, 15, 16, 17, 18, 19, 20, 21

EPA LICENSE NUMBER: 3465



\*Not Tested (NT) No Sample (NS)

ANALYSIS	PIEZO 1	PIEZO 2	PIEZO 3	PIEZO 4	PIEZO 5	PIEZO 6	PIEZO 7	PIEZO 8	HIGH	LOW	AVE
Chromium Total - mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1
Electrical Cunductivity - µS/m	4020	4530	20300	8030	11300	18610	13400	4400	20300	4020	10573.8
Nitrogen Total - mg/L	67	2.2	0.31	150	5	1.9	1.3	6.9	150	0.31	29.3
pH - pH units	5.6	7.5	6.9	7.2	7	6.8	7.4	7.6	7.6	5.6	7.0
Phosphorus Total - mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Redox Potential	x	x	x	x	x	x	x	x	0	0	#DIV/0!
Standing Water Level - m	5.8	7.5	4.4	5.1	4	3.3	2.9	4.6	7.5	2.9	4.7
Sulphide - mg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
BOD - mg/L	5	5	5	5	5	5	5	5	5	5	5.0
Nitrogen Total Kjeldahl - mg/L	1.4	0.3	0.25	4	0.2	1.8	0.33	0.05	4	0.05	1.0
Nitrate N - mg/L	287.7	8.41	0.25	619.66	21.25	0.34	4.12	32.75	619.66	0.25	121.8
Nitrite N - mg/L	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.0
Total Suspended Solids @103-105'C -mg/L	22	10	12	10	10	14	10	10	22	10	12.3
Total Dissolved Solids - mg/L	2600	2500	16000	4300	7600	14000	8800	2400	16000	2400	7275.0
Ammonia as N in water - mg/L	0.03	0.02	0.08	0.19	0.17	1.4	0.17	0.01	1.4	0.01	0.3
Sulphate, SO4 - mg/L	530	580	1300	810	890	1300	1200	280	1300	280	861.3
Sulphite - mg/L	2	2	2	2	2	2	2	2	2	2	2.0
Hexavalent Chromium, Cr <sub>6+</sub> - mg/L	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.005	0.004	0.0
COD - mgO <sub>2</sub> /L	10	10	10	10	10	10	15	10	15	10	10.6
Chloride - mg/L	360	409	3205	868	1688	2838	1949	517	3205	360	1479.3
Sodium - mg/L	388	650	2560	896	1559	2384	1936	557	2560	388	1366.3
Poatssium mg/L	4.04	3.91	11.7	7.27	9.65	13.6	15.3	3.74	15.3	3.74	8.7
Calcium - mg/L	206	128	1035	443	485	824	526	142	1035	128	473.6
Magnesium - mg/L	150	112	809	334	397	787	511	135	809	112	404.4
Manganese - mg/L	0.01	0.004	0.004	0.004	0.004	1.31	0.004	0.004	1.31	0.004	0.2
Arsenic - mg/L	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0
Cadmium - mg/L	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0
Copper - mg/L	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.0
SAR - SAR Units	5	10	14	7.8	13	14	14	8	14	5	10.7
Total Sulfur - mg/L	180	190	450	280	300	470	400	95	470	95	295.6
Iron - mg/L	0.005	0.005	0.005	0.005	0.005	0.008	0.005	0.005	0.008	0.005	0.0