

Cootamundra Gundagai Regional Council

Tuesday, November 30, 2021

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



NATA Accredited Laboratory
Number: 9597

Accredited for compliance with
ISO/IEC 17025 - Testing

LABORATORY ANALYSIS REPORT

Report Number: 2110-0094

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For all enquiries related to this report please quote document number: 2110-0094

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		28-October-2021

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Groundwater	Client	28-October-2021

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
21Oct-0353	Tip Dam 1 Surface (EPA Pt1) 27.10.21 7.05am	Alkalinity, Total as CaCO3	101 mg/L	APHA 2320 B	2
		Ammonia as N	0.2 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	22.7 mg/L	APHA 3030 E/3120 B	2
		Chloride	758 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	768 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	1.2 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	9.28 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.229 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	<1 mg/L	LTM-W-022	1
		Phenolics - Total	0.4 mg/L	* APHA 5530 D	0.2
		pH	6.9 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	16.3 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	116 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	21-52534	Analysis by ALS, Melbourne (acc no. 992)	
		Sulphate	11.6 mg/L	APHA 4110 B	0.5
		Total Organic Carbon	14 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	22 mg/L	APHA 2540 D	2

21Oct-0354	Tip Dam 2 Surface (EPA Pt4) 27.10.21 7.15am
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Groundwater	Client	28-October-2021			
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
	<u>Date/Time sample taken</u>				
21Oct-0354	Tip Dam 2 Surface (EPA Pt4) 27.10.21 7.15am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	1.3 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	21-52534	Analysis by ALS, Melbourne (acc no. 992)	
21Oct-0355	Tip Dam 3 Surface (EPA Pt5) 27.10.21 7.25am	Cyanide	0.022 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	1.4 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	21-52534	Analysis by ALS, Melbourne (acc no. 992)	
21Oct-0356	Tip Dam 4 Surface (Pending) 27.10.21 7.35am	Alkalinity, Total as CaCO3	108 mg/L	APHA 2320 B	2
		Ammonia as N	0.6 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	27.8 mg/L	APHA 3030 E/3120 B	2
		Chloride	1150 mg/L	APHA 4110 B	10
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	1180 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	1.3 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	12.7 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.487 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	<1 mg/L	LTM-W-022	1

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Groundwater	Client	28-October-2021			
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
21Oct-0356	Tip Dam 4 Surface (Pending) 27.10.21 7.35am	Phenolics - Total	0.6 mg/L	* APHA 5530 D	0.2
		pH	7.0 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	22.8 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	204 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	21-52534	Analysis by ALS, Melbourne (acc no: 992)	
		Sulphate	15.0 mg/L	APHA 4110 B	0.5
		Total Organic Carbon	18 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	34 mg/L	APHA 2540 D	2

Note:

* NATA Accreditation does not cover the performance of this service.

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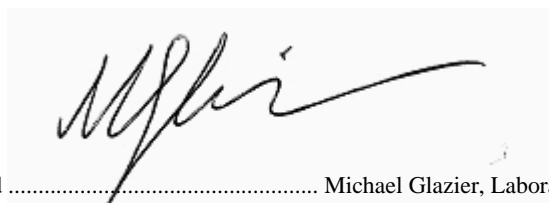
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		28-October-2021			
Sample Type	Collected By	Date Received			
Groundwater	Client	28-October-2021			
EAL ID	Client ID.	Test	Result (units)	Method Reference	Limit of Reporting
	Date/Time sample taken				

Signed Michael Glazier, Laboratory Manager.



*All samples analysed as received.
All soil results are reported on a dry basis.
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