

Macquarie Gold Ltd
c/- 'Willowlie' Delegate Road
Bombala NSW 2632
Attention: Mike Walcott

Tuesday, September 22, 2015



NATA Accredited Laboratory
Number: 9597

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NATA's accreditation requirements. Accredited
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LABORATORY ANALYSIS REPORT

Report Number: 1509-0036

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For all enquiries related to this report please quote document number: 1509-0036

<u>Facility:</u>	<u>Order #</u>	<u>Date Received</u>
<u>Sample Type</u>	<u>Collected By</u>	
Water	Melanie Maher	07-September-2015

<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>
15Sep-0125	Goodwin Dam 03.09.15	Alkalinity, Total as CaCO ₃	77 mg/L	APHA 2320 B	2
		Aluminium (acid extractable)	2.07 mg/L	APHA 3030 E/3120 B	0.03
		Arsenic (acid extractable)	0.04 mg/L	APHA 3030 E/3120 B	0.02
		Biochemical Oxygen Demand	<2 mg/L	APHA 5210 B/4500-O G	2
		Boron (acid extractable)	0.71 mg/L	* APHA 3030 E/3120 B	0.02
		Cadmium (acid extractable)	<0.002 mg/L	APHA 3030 E/3120 B	0.002
		Calcium (acid extractable)	28.9 mg/L	APHA 3030 E/3120 B	0.03
		Chloride	5.0 mg/L	APHA 4110 B	0.1
		Chromium (acid extractable)	<0.002 mg/L	APHA 3030 E/3120 B	0.002
		Cobalt (acid extractable)	<0.003 mg/L	* APHA 3030 E/3120 B	0.003
		Copper (acid extractable)	0.005 mg/L	APHA 3030 E/3120 B	0.002
		Cyanide	0.010 mg/L	* APHA 4500-CN E	0.002
		Conductivity	270 µS/cm	APHA 2510 B	1
		Fluoride	0.2 mg/L	APHA 4110 B	0.1
		Total Hardness as CaCO ₃	109 mg/L	APHA 2340 B	2
		Iron (acid extractable)	0.98 mg/L	APHA 3030 E/3120 B	0.01
		Lead (acid extractable)	<0.01 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	9.02 mg/L	APHA 3030 E/3120 B	0.02
		Manganese (acid extractable)	0.034 mg/L	APHA 3030 E/3120 B	0.001
		Mercury	<0.0001 mg/L	Analysis by Ecovise, Melbourne (acc no: 992)	
		Molybdenum (acid extractable)	<0.01 mg/L	* APHA 3030 E/3120 B	0.01
		Nickel (acid extractable)	<0.001 mg/L	APHA 3030 E/3120 B	0.01

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Water	Melanie Maher	07-September-2015

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15Sep-0125	Goodwin Dam 03.09.15	Oil & Grease	5 mg/L	APHA 5520 D	1
		Phosphorus	<0.02 mg/L	APHA 3030 E/3120 B	0.02
		pH	7.8 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	2.1 mg/L	APHA 3030 E/3120 B	0.2
		Sodium Adsorption Ratio	1 Ratio	LTM-W-039	
		Selenium (acid extractable)	<0.02 mg/L	APHA 3030 E/3120 B	0.02
		Sodium (acid extractable)	14.3 mg/L	APHA 3030 E/3120 B	0.05
		Sulphur (acid extractable)	17.9 mg/L	* APHA 3030 E/3120 B	0.06
		Total Suspended Solids	13 mg/L	APHA 2540 D	2
		Turbidity	21 NTU	APHA 2130 B	1
		Zinc (acid extractable)	0.008 mg/L	APHA 3030 E/3120 B	0.002

Note:

*NATA accreditation not held for tests marked with **

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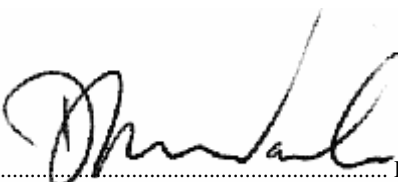
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Signed  David Wade, Laboratory Manager.

*All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report*



ROCKY POINT QUARRIES PTY LTD

CLIENT:		D & L McCALLUM				ANALYTES REQUIRED Complete & tick as required																		
CONTACT:		STUART WOODCOCK				Dust.																		
ADDRESS:		TOOYAL RD																						
		COOLAMON																						
TELEPHONE:		0248272925		E-mail			sjwoodcock@		k.pond@															
SAMPLE IDENTIFICATION		NATURE OF SAMPLE		DATE SAMPLED		TIME SAMPLED		CONTAINER TYPE		NUMBER OF CONTAINERS														

RELINQUISHED BY:	NAME	SIGNATURE	ORGANISATION	DATE	TIME
Mode of Transport	Include Consignment Note # if applicable				
RECEIVED BY:					