



NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES PTY LTD

CHEMICAL ANALYSIS REPORT

ACACIA MINERALS PTY LTD

PO Box 4156
ALICE SPRINGS NT 0871
AUSTRALIA

REPORT CODE: NT20517
Report Date: 27/07/2010
Samples Received: 8/07/2010
Number of Samples: 16

Purchase Order: EMAIL JAE ???/2010
Project: 15001 - 15016
Cost Code: _____

NTel
ABN 95 095 369 289
PO Box 1382 Berrimah 0828
3407 Export Drive
Berrimah NT 0828
Ph: (08) 8947 0510
Fax: (08) 8947 0520

Report Distribution:

Nick Byrne
Managing Director
Mobile: 0408 621 330
Tel: 08 8955 0329
Fax:
E-mail: sea.change@bigpond.com

Sample Details:

Report Details: **NATA ACCREDITATION No: 14610**
Test results only apply to samples received
Samples were analysed between 08/07/10 and 27/07/10

Comments:

NATA accreditation of this laboratory does not cover the performance of the following test procedures:
Gold.

Authorisation:

Fiona Dunbar-Smith



WORLD RECOGNISED
ACCREDITATION

This document is issued in accordance
with NATA's accreditation
requirements.

This coversheet is an integral part of the report. This report can only be reproduced in full.

NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

REPORT CODE: NT20517

Methodology:

Analysis	Analytical Method	Technique	Accuracy/ Precision +/-%	Detection Limit	Data Units
Au	FACF	AA240	10	1	ppb
Au_R1	FACF	AA240	10	1	ppb
Ag	G400M	ICPMS	10	0.05	ppm
As	G400M	ICPMS	10	0.5	ppm
Co	G400M	ICPMS	10	0.05	ppm
Cu	G400M	ICPMS	10	0.2	ppm
Fe	G400I	ICPOES	10	20	ppm
Mn	G400I	ICPOES	10	1	ppm
Ni	G400M	ICPMS	10	0.2	ppm
P	G400I	ICPOES	10	20	ppm
Pb	G400M	ICPMS	10	0.2	ppm
U	G400M	ICPMS	10	0.01	ppm
Zn	G400M	ICPMS	10	0.5	ppm

NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

REPORT CODE: NT20517

Project: 15001 - 15016

Element:	Au	Au_R1	Ag	As	Co	Cu	Fe	Mn	Ni
Method: Units:	FACF ppb	FACF ppb	G400M ppm	G400M ppm	G400M ppm	G400M ppm	G400I ppm	G400I ppm	G400M ppm
Sample ID									
15001	1	--	0.10	77.0	2.05	24.0	7.34%	45	16.8
15002	1	--	0.10	119	5.15	30.0	16.2%	191	29.0
15003	5	--	0.25	251	19.6	255	22.5%	79	151
15004	1	<1	0.35	122	6.65	64.6	13.4%	483	20.6
15005	1	1	1.00	42.5	24.4	111	32.1%	424	54.4
15006	4	--	0.20	155	11.0	79.4	24.4%	26	85.8
15007	3	--	0.05	219	44.0	156	39.7%	1910	294
15008	<1	--	0.10	30.5	1.85	21.2	2.39%	75	8.4
15009	<1	--	0.20	29.0	3.20	27.2	4.54%	98	21.6
15010	3	--	0.15	285	79.0	63.6	36.3%	291	771
15011	5	--	0.10	541	92.3	87.2	37.2%	525	833
15012	3	--	<0.05	447	147	37.4	42.7%	3060	1190
15013	<1	--	<0.05	111	9.50	38.8	16.4%	156	30.4
15014	<1	--	0.10	444	111	67.6	25.4%	3410	41.4
15015	<1	--	0.10	58.5	8.45	29.4	6.19%	61	30.4
15016	<1	--	0.10	14.0	9.65	31.8	5.18%	98	23.6

NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

REPORT CODE: NT20517

Project: 15001 - 15016

Element:	P	Pb	U	Zn	
Method:	G400I	G400M	G400M	G400M	
Units:	ppm	ppm	ppm	ppm	
Sample ID					
15001	420	4.8	2.80	32.5	
15002	920	7.4	3.10	52.5	
15003	1760	5.4	11.0	338	
15004	140	10.8	3.22	70.0	
15005	2120	8.4	2.38	222	
15006	2480	14.0	8.26	294	
15007	6320	10.8	10.2	885	
15008	140	9.2	2.13	10.0	
15009	460	8.0	1.77	50.0	
15010	3400	49.6	13.0	1710	
15011	4420	146	12.8	2420	
15012	6000	92.4	11.1	3050	
15013	300	22.8	3.82	25.0	
15014	440	77.8	10.6	16.0	
15015	320	3.8	2.14	60.0	
15016	180	4.4	2.03	30.5	