



Australian Laboratory Services Pty. Ltd.
32 Shand Street
Stafford
Brisbane QLD 4053
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
www.alsglobal.com

Page: 1
Total # Pages: 2 (A - D)
Plus Appendix Pages
Finalized Date: 4-DEC-2015
This copy reported on 8-DEC-2015
Account: MICK

CERTIFICATE

The following have access to data associated with this certificate:

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-21	Crush entire sample >70% -6 mm
LEV-01	Waste Disposal Levy
LOG-22	Sample login - Rcd w/o BarCode
PUL-31b	Pulv. Lg split to >80% -75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62h	Extended Ore Grade 4-Acid	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ALS MINERALS - SALES**
ATTN: ALS MINERALS

CANADA

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Ricky Gelston, Laboratory Manager, Burnie



32 Shand Street
Stafford
Brisbane QLD 4053
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
www.alsglobal.com

Total # Pages: 2 (A - D)
Plus Appendix Pages
Finalized Date: 4-DEC-2015
Account: MICK

CERTIFICATE OF ANALYSIS BU15183001

[illegible]

***** See Appendix Page for comments regarding this certificate *****



www.alsglobal.com

CERTIFICATE OF ANALYSIS BU15183001

Account: MICK

[illegible]

***** See Appendix Page for comments regarding this certificate *****



Australian Laboratory Services Pty. Ltd.
 32 Shand Street
 Stafford
 Brisbane QLD 4053
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
 www.alsglobal.com

Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 4-DEC-2015
 Account: MICK

Project: Steve Poke

CERTIFICATE OF ANALYSIS BU15183001

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.1
WP 250/14		6.0	0.5	<0.002	<0.01	4.37	0.5	<1	74.0	0.8	0.25	9.96	1.48	0.054	5.4
250/15		>10000	3.9	<0.002	18.75	828	0.3	6	10.1	31.4	0.08	0.05	2.02	0.022	1.5
S 266/16		59.3	0.9	<0.002	0.01	22.0	2.7	1	143.0	1.5	0.41	0.14	7.29	0.103	10.1
S 272/17		3730	315	<0.002	0.27	16.45	1.8	1	5.9	37.4	1.94	0.05	44.3	0.085	6.3
250/18		43.2	1.0	<0.002	0.01	0.91	0.2	<1	2.3	1.2	<0.05	<0.05	0.35	0.007	0.3



Australian Laboratory Services Pty. Ltd.
 32 Shand Street
 Stafford
 Brisbane QLD 4053
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
 www.alsglobal.com

Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 4-DEC-2015
 Account: MICK

Project: Steve Poke

CERTIFICATE OF ANALYSIS BU15183001

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	ME-OG62h Pb % 0.1
WP 250/14		19	30.8	2.3	766	8.1				
250/15		2	2.3	4.8	>10000	20.3	485	>20.0	27.1	20.5
S 266/16		26	21.7	7.8	844	37.4				
S 272/17		5	1.6	21.6	3730	125.0				
250/18		6	0.6	0.8	104	2.6				



Australian Laboratory Services Pty. Ltd.
 32 Shand Street
 Stafford
 Brisbane QLD 4053
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
 www.alsglobal.com

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 4-DEC-2015
 Account: MICK

Project: Steve Poke

CERTIFICATE OF ANALYSIS BU15183001

	CERTIFICATE COMMENTS				
	ANALYTICAL COMMENTS				
	Applies to Method:	REE's may not be totally soluble in this method. ME-MS61			
	ACCREDITATION COMMENTS				
	Applies to Method:	NATA Accredited. Corporate Accreditation No: 825, Corporate Site No: 818. The Technical Signatory is David Jones, ICPMS Supervising Chemist. ME-MS61			
	Applies to Method:	NATA Accredited. Corporate Accreditation No: 825, Corporate Site No: 818. The Technical Signatory is Samantha Profke, ICPAES Supervising Chemist			
	Applies to Method:	Ag-OG62	ME-OG62	Pb-OG62	Zn-OG62
	LABORATORY ADDRESSES				
	Applies to Method:	Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. NATA Accreditation does not cover the performance of ALS Brisbane Sample Preparation which is processed at 41 Yarraman Place, Virginia, QLD, Australia			
	Applies to Method:	Ag-OG62	ME-MS61	ME-OG62	ME-OG62h
	Applies to Method:	Pb-OG62	Zn-OG62		
Applies to Method:	Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia.				
Applies to Method:	Au-AA25	CRU-21	LEV-01	LOG-22	
	PUL-31b	WEI-21			