



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

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Plus Appendix Pages  
Finalized Date: 18-MAY-2015  
This copy reported on 20-MAY-2015  
Account: FINCON

**CERTIFICATE PH15068596**

P.O. No.: 308773

This report is for 2 Rock samples submitted to our lab in Perth, WA, Australia on 8-MAY-2015.

The following have access to data associated with this certificate:

KIM MURRAY

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
CRU-21	Crush entire sample >70% -6 mm
PUL-21	Pulverize entire sample
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
SND-01	Send out to other laboratory

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA05	H2O/LOI by TGA furnace	TGA
ME-MS61	48 element four acid ICP-MS	
ME-XRF21n	Iron Ore by XRF Fusion	XRF

To: FINNIS CONTRACTING PTY LTD  
ATTN: KIM MURRAY  
590 LITCHFIELD PARK ROAD  
BATCHELOR NT 0845

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:**

Cameron Brosnan, Laboratory Manager, Perth



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CERTIFICATE OF ANALYSIS PH15068596

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PUL-QC Pass75um %	ME-XRF21n Al2O3 %	ME-XRF21n As %	ME-XRF21n Ba %	ME-XRF21n CaO %	ME-XRF21n Cl %	ME-XRF21n Co %	ME-XRF21n Cr2O3 %	ME-XRF21n Cu %	ME-XRF21n Fe %	ME-XRF21n K2O %	ME-XRF21n MgO %	ME-XRF21n Mn %	ME-XRF21n Na2O %
		0.02	0.01	0.01	0.001	0.001	0.01	0.001	0.001	0.001	0.001	0.01	0.001	0.01	0.001	0.005
KL2		5.17	95.0	0.91	<0.001	0.001	0.02	0.010	0.002	0.002	0.002	67.78	0.192	0.06	0.065	0.011
KL4		3.97		1.17	<0.001	0.004	0.02	0.026	0.002	0.001	0.002	66.00	0.276	0.05	0.026	0.019



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**CERTIFICATE OF ANALYSIS PH15068596**

Sample Description	Method Analyte Units LOR	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n	ME-XRF21n
		Ni %	P %	Pb %	S %	SiO2 %	Sn %	Sr %	TiO2 %	V %	Zn %	Zr %	Total %	LOI %	Ag ppm	Al %
		0.001	0.001	0.001	0.001	0.01	0.001	0.001	0.01	0.001	0.001	0.001	0.01	0.01	0.01	0.01
KL2		0.002	0.019	0.006	0.004	1.33	0.001	0.001	0.06	0.005	0.003	0.004	100.00	0.35	0.07	0.42
KL4		0.003	0.020	0.005	0.006	3.48	0.001	0.001	0.08	0.008	0.003	0.003	100.00	0.43	0.10	0.55



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**CERTIFICATE OF ANALYSIS    PH15068596**

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



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**CERTIFICATE OF ANALYSIS PH15068596**

Sample Description	Method Analyte Units LOR	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01
KL2		0.013	0.16	8.7	0.6	0.03	598	0.24	0.01	0.7	12.5	130	5.7	3.3	<0.002	0.01
KL4		0.034	0.22	6.3	0.9	0.02	148	0.75	0.02	0.7	21.0	140	3.7	4.3	<0.002	0.01



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Sample Description	Method Analyte Units LOR	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2
KL2		2.50	2.3	<1	0.3	3.8	<0.05	<0.05	1.3	0.024	<0.02	1.6	28	4.0	5.8	18
KL4		0.36	4.0	<1	11.0	3.0	<0.05	<0.05	0.9	0.033	<0.02	1.4	49	2.9	4.8	16



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Sample Description	Method Analyte Units LOR	ME-MS61 Zr ppm 0.5
KL2		16.8
KL4		17.7



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	CERTIFICATE COMMENTS
	<b>ANALYTICAL COMMENTS</b>
Applies to Method:	REE's may not be totally soluble in this method. ME-MS61
	<b>LABORATORY ADDRESSES</b>
Applies to Method:	Processed at ALS Perth located at 32 Oxleigh Drive, Malaga, Perth, WA, Australia. BAG-01 CRU-21 LEV-01 LOG-22 ME-MS61 PUL-21 PUL-QC SND-01 WEI-21
Applies to Method:	Processed at ALS Iron Ore Technical Centre located at 26 Rigali Way, Wangara, Perth, WA, Australia. ME-GRA05 ME-XRF21n