



Australian Laboratory Services Pty. Ltd.

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www.alsglobal.com/geochemistry

To: EARTH AI OPERATIONS AUSTRALIA PTY LTD

UNIT 8

7-29 BRIDGE RD

STANMORE NSW 2048

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Plus Appendix Pages

Finalized Date: 22-APR-2025

Account: EARTOP

CERTIFICATE AD25087279

Project: ESA02D

This report is for 10 samples of Drill Core submitted to our lab in Adelaide, SA, Australia on 28-MAR-2025.

The following have access to data associated with this certificate:

EARTH AI OPERATIONS

ROMAN TESLYUK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
PUL-QC	Pulverizing QC Test
PUL-22	Pulverizing 3kg sample in LM5
HOM-01	Homogenize by light pulverizing
WEI-21	Received Sample Weight
STDINS-01	Standard Insertion Charge
BLKINS-01	Insertion of blank material
LEV-01	Waste Disposal Levy
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-21	Crush entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61r	4A multi-element ICP-MS + REE	

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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Sample Description	Method Analyte Units LOD	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Pr	Sm	Tb	Tm	Yb
		ppm	ppm	ppm	ppm	ppm
		0.03	0.03	0.01	0.01	0.03
ESA02D_011		0.84	0.56	0.05	0.04	0.32
ESA02D_012		4.99	4.19	0.45	0.13	1.01
ESA02D_500.0-505.0		0.63	0.55	0.07	0.03	0.21
ESA02D_505.0-510.0		0.11	0.24	0.08	0.05	0.37
ESA02D_510.0-515.0		0.47	0.44	0.08	0.05	0.30
ESA02D_515.0-520.0		0.29	0.37	0.08	0.05	0.31
ESA02D_520.0-524.0		0.44	0.58	0.14	0.09	0.57
ESA02D_524.0-525.0		0.84	0.84	0.14	0.07	0.49
ESA02D_525.0-526.0		2.16	1.40	0.11	0.03	0.19
ESA02D_012B						

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CERTIFICATE OF ANALYSIS AD25087279

	CERTIFICATE COMMENTS
	<p>ANALYTICAL COMMENTS</p> <p>Applies to Method: REEs may not be totally soluble in this method. ME-MS61r</p> <p>LABORATORY ADDRESSES</p> <p>Applies to Method: Processed at ALS Perth located at 29 & 31 Denninup Way, Malaga, Australia. Processed at ALS Perth Sample Preparation at 19 Integrity Way, Wangara, WA, Australia ME-MS61r PGM-ICP23 STDINS-01</p> <p>Applies to Method: Processed at ALS Adelaide located at Unit 1, 1 Burma Road, Pooraka, Adelaide, SA, Australia. CRU-21 HOM-01 LEV-01 LOG-22 LOG-24 PUL-22 PUL-QC WEI-21</p>