



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/geochemistry

To: EARTH AI OPERATIONS AUSTRALIA PTY LTD

UNIT 8

7-29 BRIDGE RD

STANMORE NSW 2048

Page: 1

Total # Pages: 2 (A - E)

Plus Appendix Pages

Finalized Date: 6-MAY-2025

Account: EARTOP

CERTIFICATE AD25104991

Project: ESA03D

This report is for 28 samples of Drill Core submitted to our lab in Adelaide, SA, Australia on 14-APR-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
BLKINS-01	Insertion of blank material
STDINS-01	Standard Insertion Charge
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



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/geochemistry

To: EARTH AI OPERATIONS AUSTRALIA PTY LTD
UNIT 8
7-29 BRIDGE RD
STANMORE NSW 2048

Page: 2 - A
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 6-MAY-2025
Account: EARTOP

Project: ESA03D

CERTIFICATE OF ANALYSIS AD25104991

Sample Description	Method Analyte Units LOD	WEI-21	PUL-QC	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Recvd Wt.	Pass75um	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co
		kg	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.02	0.01	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1
ESA03D_004		2.52	95.0	<0.001	<0.005	<0.001	0.01	2.87	0.5	420	0.16	0.03	0.01	<0.02	8.39	0.2
ESA03D_005		<0.02					64.5	4.01	538	570	1.39	4.10	1.31	19.55	43.1	692
ESA03D_006		<0.02		0.692	0.013	0.223										
ESA03D_102.0-107.0		5.44	93.0	<0.001	<0.005	0.001	0.05	8.08	<0.2	230	3.69	1.49	0.65	0.03	47.8	2.6
ESA03D_107.0-112.0		5.39	94.0	<0.001	<0.005	0.001	<0.01	5.18	<0.2	180	1.78	0.55	0.32	<0.02	42.7	2.4
ESA03D_112.0-117.0		5.44		<0.001	<0.005	0.001	<0.01	6.22	0.2	130	2.71	0.38	0.54	<0.02	46.5	3.0
ESA03D_117.0-122.0		5.58		<0.001	<0.005	0.001	0.03	6.78	<0.2	140	3.02	0.52	0.57	<0.02	63.5	3.4
ESA03D_122.0-127.0		5.62		<0.001	<0.005	0.003	0.02	6.60	<0.2	210	2.98	0.40	0.51	0.07	59.2	2.6
ESA03D_127.0-132.0		5.58		<0.001	<0.005	0.001	0.01	6.66	<0.2	250	2.58	0.45	0.43	0.03	67.4	2.0
ESA03D_132.0-137.0		5.67		<0.001	<0.005	<0.001	<0.01	7.28	<0.2	230	2.47	0.49	0.49	0.02	88.4	2.2
ESA03D_137.0-142.0		5.74		0.001	<0.005	0.001	0.01	6.88	0.3	200	3.08	0.48	0.44	<0.02	55.1	1.7
ESA03D_142.0-147.0		5.49		<0.001	<0.005	0.001	0.04	8.58	<0.2	270	3.76	1.21	0.52	<0.02	73.1	4.0
ESA03D_147.0-152.0		5.55		<0.001	<0.005	<0.001	0.08	8.22	<0.2	260	3.12	1.13	0.62	<0.02	73.0	1.7
ESA03D_152.0-157.0		5.53		<0.001	<0.005	0.001	0.07	7.35	<0.2	220	2.75	1.01	0.61	<0.02	77.5	1.7
ESA03D_157.0-162.0		5.72		<0.001	<0.005	0.001	0.02	7.45	0.2	230	2.98	0.31	0.67	<0.02	81.1	2.1
ESA03D_162.0-164.0		2.30		<0.001	<0.005	<0.001	0.08	7.30	<0.2	270	2.28	0.23	0.43	<0.02	73.6	1.8
ESA03D_164.0-166.0		2.15		<0.001	<0.005	0.001	0.06	7.44	<0.2	320	1.70	0.22	0.32	<0.02	53.6	1.2
ESA03D_166.0-168.0		2.22		<0.001	<0.005	<0.001	0.04	7.20	0.2	240	2.32	0.21	0.53	0.02	65.3	1.6
ESA03D_168.0-170.0		2.41		<0.001	<0.005	0.002	0.06	7.16	<0.2	230	2.26	0.45	0.49	0.03	62.4	1.3
ESA03D_170.0-172.0		2.40		<0.001	<0.005	<0.001	<0.01	7.18	<0.2	230	2.68	0.24	0.52	<0.02	50.1	1.5
ESA03D_172.0-174.0		2.38		0.001	<0.005	0.001	0.02	7.42	<0.2	230	2.52	0.46	0.53	<0.02	46.1	1.4
ESA03D_174.0-176.0		2.43		0.001	<0.005	0.001	0.07	6.58	<0.2	190	2.93	1.89	0.39	<0.02	40.3	1.2
ESA03D_176.0-178.0		2.28		0.001	<0.005	0.001	0.11	7.14	<0.2	160	2.70	0.54	0.32	0.12	58.4	3.2
ESA03D_178.0-183.0		5.49		0.001	<0.005	0.002	0.06	6.81	<0.2	170	3.45	2.44	0.43	0.14	55.7	4.2
ESA03D_183.0-188.0		5.88		0.001	<0.005	0.001	0.03	7.81	<0.2	160	3.21	0.47	0.95	<0.02	45.8	7.8
ESA03D_188.0-193.0		5.63		0.001	<0.005	<0.001	0.01	7.50	<0.2	190	2.98	0.18	0.50	<0.02	89.4	1.4
ESA03D_193.0-198.0		5.79		<0.001	<0.005	<0.001	0.04	7.24	<0.2	210	2.61	0.93	0.54	<0.02	65.8	1.4
ESA03D_198.0-203.0		5.28		<0.001	<0.005	<0.001	0.02	7.53	<0.2	190	2.96	0.51	0.54	<0.02	76.5	1.3



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/geochemistry

To: EARTH AI OPERATIONS AUSTRALIA PTY LTD
UNIT 8
7-29 BRIDGE RD
STANMORE NSW 2048

Page: 2 - B
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 6-MAY-2025
Account: EARTOP

Project: ESA03D

CERTIFICATE OF ANALYSIS AD25104991

Sample Description	Method Analyte Units LOD	ME-MS61r Cr ppm 1	ME-MS61r Cs ppm 0.05	ME-MS61r Cu ppm 0.2	ME-MS61r Fe % 0.01	ME-MS61r Ga ppm 0.05	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01
ESA03D_004		3	0.76	1.5	0.38	4.54	<0.05	1.5	0.013	3.27	4.6	2.4	0.03	33	0.18	0.07
ESA03D_005		40	6.37	7570	4.67	10.85	0.19	1.2	0.600	1.45	22.0	32.3	0.57	890	915	0.99
ESA03D_006																
ESA03D_102.0-107.0		11	3.96	2.4	1.66	22.9	0.09	2.5	0.056	3.41	25.1	8.2	0.50	259	0.61	2.76
ESA03D_107.0-112.0		14	1.97	1.9	1.52	13.75	0.09	2.7	0.037	2.77	20.5	6.2	0.49	195	0.29	1.23
ESA03D_112.0-117.0		35	2.39	1.2	2.06	19.00	0.10	2.7	0.064	2.07	22.6	7.8	0.77	237	0.19	1.72
ESA03D_117.0-122.0		29	2.62	1.1	2.14	23.0	0.11	2.9	0.071	2.06	30.6	8.4	0.84	248	0.17	1.81
ESA03D_122.0-127.0		19	2.24	1.0	1.52	16.70	0.10	3.2	0.049	2.67	27.4	6.7	0.54	186	0.20	2.14
ESA03D_127.0-132.0		6	2.52	1.0	1.29	17.00	0.10	3.6	0.034	3.40	31.9	4.3	0.40	164	0.26	2.09
ESA03D_132.0-137.0		8	2.40	1.5	1.36	18.65	0.14	4.2	0.042	3.71	42.3	5.3	0.41	180	0.27	2.20
ESA03D_137.0-142.0		6	2.35	8.7	1.13	17.80	0.09	3.0	0.032	3.30	25.7	4.7	0.35	155	0.19	2.31
ESA03D_142.0-147.0		25	3.26	0.7	2.25	27.4	0.11	4.3	0.076	3.56	34.2	10.9	0.80	293	0.17	2.50
ESA03D_147.0-152.0		3	2.44	3.0	1.11	18.10	0.12	3.4	0.032	4.51	33.8	4.6	0.33	166	0.18	2.93
ESA03D_152.0-157.0		4	2.34	2.9	1.17	18.60	0.10	3.8	0.032	3.81	35.6	4.5	0.34	150	0.23	2.23
ESA03D_157.0-162.0		5	2.34	1.3	1.38	19.50	0.11	4.0	0.041	3.67	37.8	5.4	0.38	172	0.20	2.28
ESA03D_162.0-164.0		3	2.63	12.7	1.11	17.30	0.13	3.9	0.030	4.83	33.2	3.9	0.25	135	0.26	2.06
ESA03D_164.0-166.0		2	2.67	14.6	0.89	15.35	0.10	2.6	0.026	5.64	25.3	2.8	0.20	104	0.32	1.97
ESA03D_166.0-168.0		3	2.81	3.2	1.23	17.90	0.10	3.9	0.033	4.43	30.9	4.6	0.32	151	0.34	2.07
ESA03D_168.0-170.0		2	2.44	2.8	0.95	16.20	0.11	3.3	0.033	4.31	29.3	3.6	0.23	121	0.31	2.17
ESA03D_170.0-172.0		3	2.25	0.7	1.04	16.90	0.10	3.1	0.031	4.21	23.9	3.8	0.25	134	0.42	2.25
ESA03D_172.0-174.0		3	2.44	1.1	0.98	17.35	0.10	3.0	0.024	4.45	21.4	3.8	0.25	138	0.76	2.24
ESA03D_174.0-176.0		3	2.91	1.6	0.86	16.15	0.08	2.5	0.023	3.19	18.6	3.0	0.23	135	0.47	2.08
ESA03D_176.0-178.0		52	4.25	13.8	2.65	23.2	0.11	2.9	0.045	2.89	27.8	19.0	1.50	398	0.57	1.87
ESA03D_178.0-183.0		29	3.43	4.4	2.08	23.7	0.10	2.9	0.070	2.61	26.3	10.0	0.63	280	0.61	1.59
ESA03D_183.0-188.0		28	2.38	4.0	2.96	22.1	0.11	2.8	0.072	2.88	21.6	14.4	1.16	337	0.17	2.48
ESA03D_188.0-193.0		3	2.15	0.9	1.09	18.90	0.14	4.0	0.030	3.89	40.4	4.6	0.31	112	0.17	2.73
ESA03D_193.0-198.0		3	2.31	2.6	0.99	17.90	0.10	3.3	0.031	4.15	30.6	4.1	0.26	113	0.28	2.33
ESA03D_198.0-203.0		3	2.14	1.6	0.97	18.95	0.09	3.5	0.030	4.15	35.3	3.6	0.26	114	0.29	2.70



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/geochemistry

To: EARTH AI OPERATIONS AUSTRALIA PTY LTD
UNIT 8
7-29 BRIDGE RD
STANMORE NSW 2048

Page: 2 - C
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 6-MAY-2025
Account: EARTOP

Project: ESA03D

CERTIFICATE OF ANALYSIS AD25104991

Sample Description	Method Analyte Units LOD	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05
ESA03D_004		0.7	1.0	20	8.1	120.5	<0.002	<0.01	0.13	0.5	<1	0.3	16.2	0.07	<0.05
ESA03D_005		7.0	6850	620	7840	90.1	0.513	3.15	698	5.1	3	2.6	95.9	0.61	0.23
ESA03D_006															
ESA03D_102.0-107.0		12.8	7.2	420	29.2	255	<0.002	0.04	0.17	6.0	<1	7.7	72.2	1.37	<0.05
ESA03D_107.0-112.0		13.8	8.8	410	19.4	166.0	<0.002	0.01	0.10	4.9	<1	3.9	33.0	1.39	<0.05
ESA03D_112.0-117.0		21.0	14.1	410	15.2	155.5	<0.002	<0.01	0.08	8.2	<1	7.3	37.1	2.37	<0.05
ESA03D_117.0-122.0		20.1	14.8	390	16.2	162.0	<0.002	<0.01	0.06	7.2	<1	7.9	43.5	2.00	<0.05
ESA03D_122.0-127.0		14.2	10.6	620	31.2	169.0	<0.002	0.01	0.05	4.8	<1	4.9	52.6	1.46	<0.05
ESA03D_127.0-132.0		12.2	3.6	690	31.8	207	<0.002	<0.01	0.05	4.1	<1	5.5	51.6	1.35	<0.05
ESA03D_132.0-137.0		11.9	4.0	490	31.3	220	<0.002	0.01	<0.05	4.3	<1	5.4	52.6	1.22	<0.05
ESA03D_137.0-142.0		10.6	3.8	490	23.4	205	<0.002	0.01	<0.05	4.3	<1	6.7	51.2	1.49	<0.05
ESA03D_142.0-147.0		21.9	14.4	350	32.3	258	<0.002	0.01	<0.05	8.1	<1	8.8	59.9	2.79	<0.05
ESA03D_147.0-152.0		9.4	2.1	550	51.7	247	<0.002	0.01	0.05	3.8	<1	5.3	74.9	1.20	<0.05
ESA03D_152.0-157.0		10.2	2.4	550	41.4	222	<0.002	0.01	<0.05	3.9	<1	4.9	58.5	1.29	<0.05
ESA03D_157.0-162.0		12.0	3.7	580	32.0	218	<0.002	<0.01	<0.05	4.0	<1	5.3	64.2	1.47	<0.05
ESA03D_162.0-164.0		9.8	1.7	430	49.8	275	<0.002	0.01	<0.05	3.2	<1	6.2	61.7	1.19	<0.05
ESA03D_164.0-166.0		7.0	1.3	540	60.9	306	<0.002	0.03	<0.05	2.3	<1	3.9	58.8	0.87	<0.05
ESA03D_166.0-168.0		10.5	2.1	790	63.7	253	<0.002	0.01	0.06	3.2	<1	4.9	57.6	1.27	<0.05
ESA03D_168.0-170.0		7.2	1.5	670	82.5	252	<0.002	0.02	<0.05	2.5	<1	4.2	56.8	0.91	<0.05
ESA03D_170.0-172.0		8.6	1.6	620	37.0	243	<0.002	<0.01	<0.05	2.9	<1	4.7	55.5	1.11	<0.05
ESA03D_172.0-174.0		8.0	2.3	850	35.3	255	<0.002	0.01	0.05	3.2	<1	5.6	53.0	1.33	<0.05
ESA03D_174.0-176.0		6.4	3.2	640	33.6	233	<0.002	0.03	0.08	2.5	<1	4.4	46.5	0.97	<0.05
ESA03D_176.0-178.0		19.4	32.4	620	180.0	243	<0.002	0.07	0.08	6.6	<1	7.2	36.7	2.18	<0.05
ESA03D_178.0-183.0		18.2	13.7	380	182.0	216	<0.002	0.03	0.05	6.5	<1	7.6	43.9	2.07	<0.05
ESA03D_183.0-188.0		11.8	17.2	890	33.2	198.0	<0.002	0.02	<0.05	12.0	<1	7.1	75.9	1.29	<0.05
ESA03D_188.0-193.0		10.7	1.8	720	23.9	241	<0.002	0.01	<0.05	3.5	<1	5.2	61.9	1.30	<0.05
ESA03D_193.0-198.0		9.6	2.5	760	33.1	263	<0.002	0.01	0.12	2.9	<1	5.1	61.8	1.21	<0.05
ESA03D_198.0-203.0		10.3	2.2	720	35.9	265	<0.002	0.01	0.13	3.3	<1	6.7	65.8	1.52	<0.05



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/geochemistry

To: EARTH AI OPERATIONS AUSTRALIA PTY LTD
UNIT 8
7-29 BRIDGE RD
STANMORE NSW 2048

Page: 2 - D
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 6-MAY-2025
Account: EARTOP

Project: ESA03D

CERTIFICATE OF ANALYSIS AD25104991

Sample Description	Method Analyte Units LOD	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Ti	Ti	U	V	W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.1	1	0.1	0.1	2	0.5	0.05	0.03	0.03	0.05	0.01	0.01
ESA03D_004		0.020	0.52	0.5	3	0.1	2.0	<2	54.1	0.37	0.23	0.22	0.38	0.07	0.05
ESA03D_005		0.204	1.44	3.2	43	5.5	11.3	7970	41.3	2.34	1.03	0.78	3.15	0.41	0.14
ESA03D_006															
ESA03D_102.0-107.0		0.140	1.22	28.5	17	1.0	10.5	27	79.2	1.99	0.91	0.50	2.96	0.33	0.15
ESA03D_107.0-112.0		0.128	0.69	14.4	11	1.0	12.0	22	84.0	2.25	1.23	0.36	2.49	0.42	0.18
ESA03D_112.0-117.0		0.207	0.55	15.2	14	1.9	12.4	24	84.1	2.29	1.15	0.42	2.60	0.41	0.17
ESA03D_117.0-122.0		0.206	0.50	13.3	25	2.2	15.1	28	94.0	2.90	1.44	0.51	3.33	0.53	0.21
ESA03D_122.0-127.0		0.132	0.63	23.1	11	1.0	14.2	26	100.5	2.73	1.33	0.50	3.28	0.49	0.19
ESA03D_127.0-132.0		0.103	0.84	21.4	8	1.1	12.8	22	111.0	2.53	1.04	0.49	3.64	0.42	0.15
ESA03D_132.0-137.0		0.115	0.92	25.3	11	1.3	12.1	27	126.0	2.80	1.07	0.61	4.33	0.43	0.14
ESA03D_137.0-142.0		0.096	0.86	22.3	9	1.4	11.0	18	94.6	2.20	0.96	0.44	2.92	0.38	0.14
ESA03D_142.0-147.0		0.211	1.03	21.6	23	2.1	21.3	39	133.0	4.12	2.05	0.63	4.48	0.77	0.30
ESA03D_147.0-152.0		0.086	1.07	24.4	6	0.7	11.9	18	105.5	2.47	0.93	0.63	3.82	0.39	0.12
ESA03D_152.0-157.0		0.099	0.95	26.3	8	1.1	12.6	18	115.5	2.73	1.01	0.57	4.09	0.42	0.12
ESA03D_157.0-162.0		0.115	0.91	17.2	10	1.2	13.6	19	122.0	2.96	1.12	0.60	4.36	0.47	0.14
ESA03D_162.0-164.0		0.089	1.24	29.5	5	1.0	11.1	18	118.0	2.57	0.87	0.57	4.04	0.38	0.10
ESA03D_164.0-166.0		0.075	1.38	18.3	4	0.7	8.5	21	79.5	1.90	0.65	0.46	3.02	0.30	0.07
ESA03D_166.0-168.0		0.119	1.16	17.2	6	0.9	11.2	52	115.5	2.48	0.81	0.49	3.78	0.38	0.09
ESA03D_168.0-170.0		0.073	1.18	15.2	4	0.8	8.4	70	99.1	2.08	0.66	0.51	3.39	0.30	0.07
ESA03D_170.0-172.0		0.079	1.07	15.2	5	1.0	8.7	29	93.1	1.92	0.64	0.43	2.98	0.30	0.08
ESA03D_172.0-174.0		0.071	1.09	21.5	5	1.5	10.2	18	90.1	2.11	0.78	0.42	2.90	0.33	0.09
ESA03D_174.0-176.0		0.055	1.06	15.9	6	1.1	9.6	25	73.2	1.90	0.87	0.38	2.38	0.33	0.12
ESA03D_176.0-178.0		0.180	1.18	23.1	22	1.5	12.4	202	90.5	2.56	1.12	0.51	3.36	0.44	0.15
ESA03D_178.0-183.0		0.192	0.78	14.5	27	2.3	10.4	107	92.4	2.21	1.06	0.46	2.83	0.39	0.16
ESA03D_183.0-188.0		0.271	0.87	18.4	67	0.8	13.4	38	86.5	2.62	1.26	0.52	3.20	0.47	0.17
ESA03D_188.0-193.0		0.102	1.02	26.6	7	0.9	10.2	9	118.5	2.43	0.78	0.63	4.14	0.34	0.08
ESA03D_193.0-198.0		0.086	1.11	27.6	5	0.8	9.1	12	97.4	2.31	0.67	0.57	3.73	0.32	0.08
ESA03D_198.0-203.0		0.088	1.16	35.0	7	1.0	8.9	30	104.0	2.18	0.64	0.59	3.81	0.30	0.08



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/geochemistry

To: EARTH AI OPERATIONS AUSTRALIA PTY LTD
UNIT 8
7-29 BRIDGE RD
STANMORE NSW 2048

Project: ESA03D

Page: 2 - E
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 6-MAY-2025
Account: EARTOP

CERTIFICATE OF ANALYSIS AD25104991

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
ESA03D_004		1.00	0.59	0.06	0.04	0.26
ESA03D_005		5.16	3.82	0.46	0.14	1.08
ESA03D_006						
ESA03D_102.0-107.0		5.24	4.04	0.42	0.13	0.89
ESA03D_107.0-112.0		4.65	3.33	0.41	0.19	1.22
ESA03D_112.0-117.0		5.06	3.59	0.42	0.17	1.09
ESA03D_117.0-122.0		7.28	4.62	0.53	0.22	1.41
ESA03D_122.0-127.0		6.45	4.44	0.53	0.19	1.28
ESA03D_127.0-132.0		7.72	5.15	0.55	0.16	1.01
ESA03D_132.0-137.0		10.05	6.59	0.62	0.15	0.93
ESA03D_137.0-142.0		5.89	4.13	0.45	0.14	0.92
ESA03D_142.0-147.0		8.39	5.68	0.75	0.32	1.99
ESA03D_147.0-152.0		8.17	5.69	0.54	0.13	0.77
ESA03D_152.0-157.0		8.62	6.06	0.61	0.14	0.81
ESA03D_157.0-162.0		9.08	6.25	0.65	0.15	0.88
ESA03D_162.0-164.0		8.47	5.82	0.58	0.12	0.71
ESA03D_164.0-166.0		5.76	4.25	0.44	0.09	0.51
ESA03D_166.0-168.0		7.12	5.21	0.56	0.10	0.57
ESA03D_168.0-170.0		7.14	5.02	0.48	0.08	0.48
ESA03D_170.0-172.0		5.24	3.94	0.43	0.08	0.51
ESA03D_172.0-174.0		4.98	3.81	0.44	0.11	0.62
ESA03D_174.0-176.0		4.37	3.30	0.37	0.13	0.81
ESA03D_176.0-178.0		6.44	4.58	0.53	0.17	1.03
ESA03D_178.0-183.0		6.18	4.19	0.43	0.17	1.04
ESA03D_183.0-188.0		4.98	4.06	0.52	0.19	1.12
ESA03D_188.0-193.0		9.88	6.64	0.59	0.09	0.53
ESA03D_193.0-198.0		7.28	5.21	0.54	0.09	0.54
ESA03D_198.0-203.0		8.73	5.69	0.52	0.09	0.51



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/geochemistry

To: EARTH AI OPERATIONS AUSTRALIA PTY LTD
UNIT 8
7-29 BRIDGE RD
STANMORE NSW 2048

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 6-MAY-2025
Account: EARTOP

Project: ESA03D

CERTIFICATE OF ANALYSIS AD25104991

	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. BLKINS-01 CRU-21 HOM-01 LEV-01 LOG-22 LOG-24 PUL-22 PUL-QC WEI-21</p>