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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: 16-APR-2025

Account: EARTOP

CERTIFICATE AD25087272

Project: ESA02D

This report is for 34 samples of Drill Core submitted to our lab in Adelaide, SA, Australia on 19-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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CERTIFICATE OF ANALYSIS AD25087272

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	PUL-QC Pass75um % 0.01	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-MS61r Ag ppm 0.01	ME-MS61r Al % 0.01	ME-MS61r As ppm 0.2	ME-MS61r Ba ppm 10	ME-MS61r Be ppm 0.05	ME-MS61r Bi ppm 0.01	ME-MS61r Ca % 0.01	ME-MS61r Cd ppm 0.02	ME-MS61r Ce ppm 0.01	ME-MS61r Co ppm 0.1
ESA02D_005		1.24	99.0	0.002	<0.005	<0.001	0.01	2.70	0.5	460	0.17	0.06	0.01	<0.02	7.53	0.3
ESA02D_006							64.4	4.05	559	600	1.42	4.51	1.32	18.10	41.2	699
ESA02D_200.0-201.0		1.21	97.0	0.004	<0.005	0.001	4.13	3.06	0.2	60	1.61	29.8	0.06	0.10	9.30	1.0
ESA02D_201.0-202.0		1.33	99.0	0.005	<0.005	<0.001	3.20	2.63	0.2	40	1.27	17.95	0.02	0.08	3.82	1.0
ESA02D_202.0-203.0		1.15		0.007	<0.005	<0.001	4.14	4.45	<0.2	50	2.24	26.2	0.02	0.26	59.8	1.0
ESA02D_203.0-204.0		1.01		0.003	<0.005	<0.001	1.11	5.17	0.2	70	2.66	4.86	0.02	0.34	25.3	0.9
ESA02D_204.0-205.0		1.04		0.003	<0.005	<0.001	1.24	6.26	<0.2	120	3.70	2.69	0.02	0.48	12.15	1.5
ESA02D_205.0-206.0		0.86		0.002	<0.005	<0.001	1.55	3.32	<0.2	20	2.02	4.38	0.02	0.40	22.0	0.8
ESA02D_206.0-207.0		1.32		0.008	<0.005	<0.001	2.51	2.35	<0.2	20	1.29	8.09	0.03	0.19	22.3	0.9
ESA02D_207.0-208.0		1.14		0.001	<0.005	0.001	0.87	1.14	0.3	10	0.55	1.98	0.04	0.09	5.86	0.9
ESA02D_208.0-209.0		0.81		0.002	<0.005	<0.001	0.14	2.16	0.2	<10	1.04	0.18	0.08	0.12	2.87	0.9
ESA02D_209.0-210.0		1.22		0.002	<0.005	<0.001	0.05	0.97	0.4	<10	0.45	0.20	0.10	0.09	1.13	0.6
ESA02D_210.0-212.0		1.92		0.001	<0.005	0.001	0.03	1.23	<0.2	<10	0.38	0.03	0.24	0.08	0.60	0.8
ESA02D_212.0-214.0		1.99		0.001	<0.005	<0.001	0.02	1.11	<0.2	10	0.35	0.05	0.21	0.07	0.47	0.8
ESA02D_214.0-216.0		1.96		0.001	<0.005	<0.001	0.01	1.09	0.4	10	0.27	0.02	0.04	0.07	0.36	0.7
ESA02D_216.0-218.0		1.91		0.002	<0.005	0.001	0.01	1.40	0.2	10	0.34	0.01	0.04	0.11	0.21	0.8
ESA02D_218.0-220.0		2.65		0.001	<0.005	<0.001	0.01	1.20	0.4	10	0.22	0.01	0.05	0.07	0.29	1.0
ESA02D_220.0-225.0		4.55		0.002	<0.005	<0.001	0.01	1.61	0.2	10	0.32	0.01	0.09	0.08	0.55	0.7
ESA02D_225.0-230.0		5.18		0.002	<0.005	0.001	0.01	1.64	0.3	20	0.30	0.01	0.06	0.04	0.81	0.7
ESA02D_230.0-235.0		5.94		0.002	<0.005	0.001	0.01	1.74	0.4	30	0.32	0.01	0.06	0.05	0.72	0.7
ESA02D_235.0-240.0		5.73		0.002	<0.005	0.001	0.01	2.28	0.2	40	0.40	0.01	0.08	0.04	0.95	0.7
ESA02D_240.0-245.0		5.73		0.002	<0.005	<0.001	0.01	0.84	0.2	<10	0.11	0.01	0.05	0.03	0.17	0.6
ESA02D_245.0-250.0		5.42		0.002	<0.005	<0.001	0.02	1.71	0.3	30	0.30	0.01	0.05	0.04	0.68	0.8
ESA02D_250.0-255.0		5.22		0.002	<0.005	0.001	0.13	2.27	1.5	40	0.44	0.02	0.08	0.09	1.75	2.3
ESA02D_255.0-260.0		5.57		0.002	<0.005	<0.001	0.02	4.45	0.2	70	0.89	0.03	0.18	0.02	2.31	1.1
ESA02D_260.0-265.0		5.57		0.002	<0.005	0.001	0.01	3.93	0.4	90	0.83	0.01	0.12	<0.02	1.73	0.9
ESA02D_265.0-270.0		5.75		0.001	<0.005	<0.001	<0.01	4.83	0.5	110	0.78	0.02	0.13	<0.02	1.46	1.0
ESA02D_270.0-275.0		5.58		0.001	<0.005	<0.001	<0.01	6.41	<0.2	140	1.33	0.03	0.24	<0.02	4.03	0.6
ESA02D_275.0-280.0		4.92		0.002	<0.005	<0.001	<0.01	5.60	<0.2	140	0.92	0.04	0.16	<0.02	1.93	1.0
ESA02D_280.0-285.0		5.07		0.002	<0.005	<0.001	0.06	3.94	<0.2	100	0.74	0.07	0.12	<0.02	2.17	0.7
ESA02D_285.0-290.0		5.36		0.002	<0.005	<0.001	<0.01	4.83	<0.2	120	0.86	0.06	0.15	<0.02	1.55	0.8
ESA02D_290.0-295.0		5.44		0.001	<0.005	0.001	<0.01	4.91	<0.2	110	0.83	0.04	0.14	<0.02	2.24	1.1
ESA02D_295.0-300.0		5.49		0.002	<0.005	0.001	<0.01	6.13	0.4	130	1.21	0.07	0.22	<0.02	5.12	0.9
ESA02D_006B				0.685	0.012	0.224										



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CERTIFICATE OF ANALYSIS AD25087272

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
ESA02D_005		4	0.71	1.7	0.51	4.15	0.05	1.4	0.020	3.08	4.2	2.7	0.03	48	0.29	0.07
ESA02D_006		40	6.67	7590	4.83	9.60	0.18	1.1	0.577	1.46	20.9	32.5	0.57	892	924	0.99
ESA02D_200.0-201.0		4	2.27	37.7	0.82	11.25	<0.05	0.7	0.007	1.08	3.5	32.1	1.02	65	0.30	0.02
ESA02D_201.0-202.0		3	1.63	25.0	1.11	11.85	<0.05	0.5	0.007	0.84	2.5	29.1	1.34	93	0.26	0.02
ESA02D_202.0-203.0		8	2.59	53.1	0.99	15.95	0.08	1.7	0.009	1.05	29.2	21.5	1.22	65	0.13	0.02
ESA02D_203.0-204.0		10	2.65	38.7	1.00	19.70	0.05	2.3	0.009	1.55	11.0	18.9	1.32	68	0.08	0.03
ESA02D_204.0-205.0		8	5.11	43.5	1.88	26.8	0.05	3.0	0.022	2.25	5.6	36.3	2.39	145	0.17	0.04
ESA02D_205.0-206.0		3	1.28	27.8	0.86	9.45	<0.05	1.3	<0.005	0.34	5.4	16.9	0.98	60	0.11	0.01
ESA02D_206.0-207.0		3	1.40	19.9	1.29	9.92	0.05	0.5	0.006	0.44	10.3	20.8	1.74	98	0.09	0.01
ESA02D_207.0-208.0		6	0.50	12.0	1.24	4.65	<0.05	0.2	<0.005	0.08	4.1	13.4	0.90	116	0.43	0.01
ESA02D_208.0-209.0		4	0.52	11.6	1.01	5.33	<0.05	0.5	<0.005	0.04	0.9	9.8	0.67	82	0.24	0.03
ESA02D_209.0-210.0		4	0.39	4.1	1.04	4.01	<0.05	0.1	<0.005	0.04	0.5	14.1	0.94	94	0.22	0.01
ESA02D_210.0-212.0		3	0.40	2.0	1.30	4.90	<0.05	0.1	<0.005	0.05	<0.5	15.5	1.58	121	0.34	0.02
ESA02D_212.0-214.0		4	0.39	1.6	1.08	4.43	<0.05	0.1	<0.005	0.06	<0.5	12.8	1.38	131	0.30	0.01
ESA02D_214.0-216.0		3	0.36	1.0	0.95	3.55	<0.05	0.2	<0.005	0.11	<0.5	11.5	1.26	104	0.24	0.02
ESA02D_216.0-218.0		4	0.35	1.6	1.25	4.49	<0.05	0.2	<0.005	0.07	<0.5	19.9	1.74	122	0.39	0.01
ESA02D_218.0-220.0		3	0.23	1.6	0.91	3.72	<0.05	0.3	<0.005	0.07	<0.5	10.4	1.60	83	0.19	0.02
ESA02D_220.0-225.0		2	0.48	0.7	0.96	4.39	<0.05	0.3	<0.005	0.15	<0.5	14.0	1.94	92	0.16	0.02
ESA02D_225.0-230.0		4	0.45	1.1	1.05	4.01	<0.05	0.4	<0.005	0.25	<0.5	11.3	1.77	87	0.30	0.02
ESA02D_230.0-235.0		4	0.78	0.9	0.86	4.56	<0.05	0.7	<0.005	0.35	<0.5	11.0	1.56	92	0.22	0.03
ESA02D_235.0-240.0		4	0.79	1.2	1.04	5.17	<0.05	1.1	<0.005	0.52	<0.5	12.1	1.66	88	0.32	0.11
ESA02D_240.0-245.0		4	0.27	1.0	0.87	2.79	<0.05	0.1	<0.005	0.06	<0.5	7.9	1.06	79	0.22	0.01
ESA02D_245.0-250.0		4	0.51	1.2	0.92	4.87	<0.05	0.5	<0.005	0.35	<0.5	9.9	1.51	86	0.27	0.02
ESA02D_250.0-255.0		4	0.73	16.2	1.27	6.76	<0.05	0.5	0.005	0.48	0.7	14.4	1.94	110	2.09	0.03
ESA02D_255.0-260.0		3	1.48	1.3	1.40	12.80	<0.05	1.3	0.011	0.93	0.9	20.3	2.96	103	0.22	0.63
ESA02D_260.0-265.0		4	3.22	1.1	1.12	10.65	<0.05	1.1	0.010	1.31	0.7	15.8	2.00	92	0.21	0.14
ESA02D_265.0-270.0		3	2.28	0.6	1.21	15.85	<0.05	1.2	0.025	1.74	0.5	16.7	2.50	94	0.17	0.07
ESA02D_270.0-275.0		4	2.31	0.6	0.97	14.85	<0.05	1.5	0.022	2.09	1.3	13.2	1.71	84	0.16	1.11
ESA02D_275.0-280.0		4	2.82	0.5	1.18	17.70	<0.05	1.6	0.031	2.15	0.7	16.4	2.32	87	0.18	0.10
ESA02D_280.0-285.0		4	2.09	0.9	1.02	12.25	<0.05	1.3	0.019	1.45	0.8	11.1	1.52	87	0.22	0.23
ESA02D_285.0-290.0		3	2.21	0.6	1.02	13.80	<0.05	1.3	0.016	1.76	0.6	14.3	1.92	80	0.19	0.27
ESA02D_290.0-295.0		3	3.14	0.6	1.22	18.15	<0.05	1.7	0.030	1.84	0.8	14.8	2.11	84	0.17	0.11
ESA02D_295.0-300.0		3	2.98	1.1	1.06	17.60	0.05	2.2	0.029	1.97	2.1	14.9	1.86	79	0.21	0.94
ESA02D_006B																



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CERTIFICATE OF ANALYSIS AD25087272

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	ME-MS61r
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	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	0.01
ESA02D_005		0.9	0.9	30	10.2	121.5	0.002	0.01	0.14	0.5	<1	0.4	15.4	0.08	<0.05	1.85
ESA02D_006		7.2	7020	630	7950	88.9	0.517	3.13	723	5.0	3	2.3	92.7	0.56	0.23	9.25
ESA02D_200.0-201.0		3.2	9.5	390	1425	120.0	0.002	0.01	0.25	3.1	<1	3.5	7.0	0.59	<0.05	2.75
ESA02D_201.0-202.0		2.6	11.5	180	579	100.0	0.002	<0.01	0.10	2.9	<1	3.5	3.6	0.43	<0.05	2.09
ESA02D_202.0-203.0		5.0	10.2	490	1485	122.0	0.002	<0.01	0.10	5.4	<1	6.7	15.6	0.72	<0.05	17.65
ESA02D_203.0-204.0		8.2	10.3	270	813	178.0	0.002	<0.01	0.06	6.3	<1	8.4	13.8	1.01	<0.05	21.4
ESA02D_204.0-205.0		11.0	17.9	240	641	237	0.002	<0.01	0.06	8.0	<1	12.3	16.6	1.44	<0.05	19.90
ESA02D_205.0-206.0		4.0	9.4	110	312	42.5	0.002	<0.01	0.06	2.5	<1	3.1	12.2	0.66	<0.05	4.88
ESA02D_206.0-207.0		2.5	13.8	190	340	49.1	0.002	<0.01	0.05	3.1	<1	1.9	10.2	0.42	<0.05	2.42
ESA02D_207.0-208.0		1.3	7.8	180	236	9.8	0.002	<0.01	0.05	1.0	<1	0.6	7.5	0.16	<0.05	1.27
ESA02D_208.0-209.0		1.9	6.3	230	54.6	4.9	<0.002	<0.01	0.06	0.8	<1	0.5	5.8	0.25	<0.05	2.51
ESA02D_209.0-210.0		0.5	6.6	400	50.3	4.4	<0.002	<0.01	0.07	0.8	<1	0.3	3.2	0.08	<0.05	0.68
ESA02D_210.0-212.0		0.8	9.3	1030	29.1	4.7	<0.002	<0.01	<0.05	1.1	<1	0.4	4.0	0.08	<0.05	1.36
ESA02D_212.0-214.0		0.6	7.9	890	18.1	5.2	0.002	<0.01	0.06	1.0	<1	0.4	3.7	0.08	<0.05	1.76
ESA02D_214.0-216.0		0.8	6.8	110	7.5	7.9	<0.002	<0.01	0.06	0.9	<1	0.6	2.5	0.11	<0.05	3.35
ESA02D_216.0-218.0		1.0	8.7	150	5.7	6.2	<0.002	<0.01	<0.05	1.0	<1	0.6	2.3	0.09	<0.05	2.85
ESA02D_218.0-220.0		1.0	8.3	190	3.8	4.9	<0.002	<0.01	0.05	0.9	<1	0.7	1.8	0.13	<0.05	3.29
ESA02D_220.0-225.0		1.1	8.8	370	3.6	10.6	<0.002	<0.01	<0.05	1.1	<1	0.8	2.3	0.14	<0.05	4.16
ESA02D_225.0-230.0		1.6	8.8	220	1.9	17.1	<0.002	<0.01	<0.05	1.3	<1	1.1	2.1	0.20	<0.05	5.84
ESA02D_230.0-235.0		1.8	7.8	220	2.3	26.1	<0.002	<0.01	<0.05	1.5	<1	1.4	2.6	0.21	<0.05	10.05
ESA02D_235.0-240.0		2.9	8.2	300	2.7	33.7	<0.002	<0.01	<0.05	1.9	<1	1.7	4.1	0.34	<0.05	15.75
ESA02D_240.0-245.0		0.4	5.3	190	1.5	3.8	<0.002	<0.01	0.06	0.6	<1	0.3	2.2	<0.05	<0.05	1.50
ESA02D_245.0-250.0		1.8	8.9	200	3.5	23.2	<0.002	<0.01	0.08	2.1	<1	1.1	2.4	0.25	<0.05	6.45
ESA02D_250.0-255.0		2.6	24.0	330	16.6	32.9	0.002	0.01	1.43	2.5	<1	1.6	2.8	0.29	<0.05	5.40
ESA02D_255.0-260.0		5.4	13.4	610	3.0	73.1	<0.002	<0.01	0.09	4.5	<1	3.4	16.8	0.56	<0.05	12.60
ESA02D_260.0-265.0		4.8	8.8	420	2.7	97.3	0.002	<0.01	0.06	4.3	<1	3.9	5.7	0.56	<0.05	11.95
ESA02D_265.0-270.0		6.3	9.8	530	3.7	132.0	0.002	<0.01	<0.05	5.8	<1	6.2	4.3	0.73	<0.05	13.55
ESA02D_270.0-275.0		8.0	5.0	670	3.6	135.0	<0.002	<0.01	0.05	5.3	<1	5.9	24.0	0.81	<0.05	16.15
ESA02D_275.0-280.0		8.1	8.9	640	3.3	166.5	<0.002	<0.01	0.05	5.9	<1	6.7	5.5	0.80	<0.05	18.75
ESA02D_280.0-285.0		5.6	6.4	380	7.6	117.0	<0.002	<0.01	0.05	4.3	<1	4.3	8.5	0.50	<0.05	14.65
ESA02D_285.0-290.0		6.9	7.5	540	3.3	131.0	<0.002	<0.01	0.05	4.5	<1	4.9	9.1	0.62	<0.05	13.95
ESA02D_290.0-295.0		9.0	9.7	500	3.6	159.0	<0.002	<0.01	<0.05	4.6	<1	5.7	5.6	0.72	<0.05	19.90
ESA02D_295.0-300.0		11.3	7.7	630	5.6	150.0	<0.002	<0.01	0.09	5.3	<1	6.2	22.2	0.89	<0.05	24.7
ESA02D_006B																



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CERTIFICATE OF ANALYSIS AD25087272

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	ME-MS61r
		Ti	Ti	U	V	W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd
		%	ppm	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	0.1
ESA02D_005		0.023	0.44	0.4	4	0.1	2.1	2	52.5	0.38	0.26	0.21	0.40	0.08	0.05	3.3
ESA02D_006		0.207	1.38	2.6	43	5.2	11.0	8080	39.3	2.24	0.99	0.75	3.11	0.43	0.13	18.6
ESA02D_200.0-201.0		0.030	0.42	20.4	29	0.3	4.5	304	21.4	0.87	0.46	0.08	0.77	0.17	0.08	3.3
ESA02D_201.0-202.0		0.020	0.31	11.6	28	0.2	2.8	263	17.1	0.55	0.29	0.05	0.47	0.10	0.05	2.2
ESA02D_202.0-203.0		0.069	0.43	43.3	44	0.4	14.0	588	58.2	2.80	1.25	0.46	3.39	0.50	0.16	24.5
ESA02D_203.0-204.0		0.093	0.54	40.6	44	0.5	13.2	577	81.0	2.28	1.17	0.27	2.27	0.44	0.17	10.4
ESA02D_204.0-205.0		0.131	0.73	48.1	58	0.5	10.4	608	104.5	1.79	0.98	0.17	1.59	0.34	0.17	6.0
ESA02D_205.0-206.0		0.040	0.16	23.6	17	0.2	5.5	547	35.5	1.01	0.54	0.11	0.93	0.19	0.08	5.3
ESA02D_206.0-207.0		0.022	0.17	22.3	21	0.2	7.6	358	15.5	1.40	0.67	0.12	1.49	0.26	0.08	8.8
ESA02D_207.0-208.0		0.010	0.07	12.6	8	0.1	3.5	249	6.4	0.66	0.34	0.05	0.61	0.13	0.04	3.1
ESA02D_208.0-209.0		0.016	0.04	12.2	6	0.1	1.9	1085	15.4	0.37	0.19	0.03	0.29	0.07	0.03	1.1
ESA02D_209.0-210.0		0.006	0.05	4.6	6	0.1	1.9	327	2.9	0.36	0.18	<0.03	0.28	0.07	0.02	0.6
ESA02D_210.0-212.0		0.007	0.05	4.4	7	0.1	2.3	140	4.3	0.43	0.20	<0.03	0.43	0.08	0.02	0.7
ESA02D_212.0-214.0		0.007	0.04	3.8	7	0.1	2.3	114	4.7	0.43	0.21	<0.03	0.39	0.09	0.03	0.5
ESA02D_214.0-216.0		0.009	0.05	3.2	4	0.1	1.3	52	7.6	0.26	0.12	<0.03	0.20	0.05	0.02	0.3
ESA02D_216.0-218.0		0.008	0.04	2.6	6	0.1	1.0	50	6.5	0.20	0.10	<0.03	0.15	0.04	0.01	0.2
ESA02D_218.0-220.0		0.010	0.03	2.2	5	0.1	1.3	19	8.5	0.27	0.13	<0.03	0.21	0.05	0.02	0.3
ESA02D_220.0-225.0		0.012	0.04	2.2	6	0.1	1.9	18	11.1	0.36	0.17	<0.03	0.32	0.06	0.02	0.5
ESA02D_225.0-230.0		0.016	0.05	2.6	5	0.1	2.1	12	15.0	0.37	0.20	<0.03	0.29	0.07	0.03	0.5
ESA02D_230.0-235.0		0.020	0.07	2.7	5	0.1	2.4	8	23.3	0.44	0.23	<0.03	0.33	0.08	0.03	0.5
ESA02D_235.0-240.0		0.030	0.08	4.7	7	0.1	3.7	9	36.5	0.69	0.34	0.04	0.52	0.13	0.05	0.8
ESA02D_240.0-245.0		0.005	0.02	1.1	4	<0.1	0.8	8	3.5	0.14	0.07	<0.03	0.12	0.03	0.01	0.2
ESA02D_245.0-250.0		0.016	0.06	5.8	8	0.1	2.6	21	18.7	0.49	0.25	0.03	0.39	0.10	0.03	0.6
ESA02D_250.0-255.0		0.018	0.09	3.6	12	0.2	1.9	29	16.7	0.40	0.19	<0.03	0.31	0.07	0.03	0.8
ESA02D_255.0-260.0		0.032	0.17	17.3	20	0.4	3.3	8	36.5	0.63	0.31	0.03	0.49	0.12	0.04	1.2
ESA02D_260.0-265.0		0.030	0.25	14.0	15	0.4	2.8	6	33.6	0.51	0.25	0.03	0.38	0.10	0.04	0.9
ESA02D_265.0-270.0		0.037	0.33	16.2	20	1.1	4.0	7	32.0	0.81	0.40	0.03	0.53	0.15	0.06	0.8
ESA02D_270.0-275.0		0.047	0.32	9.0	13	1.0	4.9	5	38.4	0.87	0.47	0.04	0.68	0.18	0.06	1.7
ESA02D_275.0-280.0		0.045	0.41	20.0	21	0.9	5.1	8	42.0	0.91	0.50	0.04	0.65	0.18	0.06	1.2
ESA02D_280.0-285.0		0.033	0.31	19.5	16	0.7	3.6	6	32.8	0.67	0.36	0.03	0.47	0.13	0.05	1.0
ESA02D_285.0-290.0		0.035	0.31	18.4	16	0.7	4.4	6	33.4	0.80	0.44	0.03	0.53	0.16	0.06	0.9
ESA02D_290.0-295.0		0.040	0.45	20.4	17	1.0	4.9	7	42.3	0.88	0.48	0.03	0.62	0.17	0.07	1.2
ESA02D_295.0-300.0		0.049	0.36	22.3	15	1.0	7.3	6	56.0	1.28	0.68	0.07	0.91	0.25	0.09	2.4
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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_005		0.90	0.54	0.06	0.04	0.28
ESA02D_006		4.89	3.66	0.45	0.14	0.91
ESA02D_200.0-201.0		0.92	0.77	0.14	0.07	0.50
ESA02D_201.0-202.0		0.60	0.47	0.09	0.05	0.32
ESA02D_202.0-203.0		7.56	4.61	0.54	0.18	1.09
ESA02D_203.0-204.0		2.82	2.39	0.38	0.18	1.16
ESA02D_204.0-205.0		1.56	1.52	0.29	0.16	1.08
ESA02D_205.0-206.0		1.52	1.14	0.18	0.08	0.50
ESA02D_206.0-207.0		2.49	1.78	0.25	0.09	0.55
ESA02D_207.0-208.0		0.87	0.68	0.11	0.05	0.26
ESA02D_208.0-209.0		0.29	0.30	0.06	0.03	0.21
ESA02D_209.0-210.0		0.15	0.20	0.05	0.03	0.15
ESA02D_210.0-212.0		0.11	0.31	0.08	0.03	0.16
ESA02D_212.0-214.0		0.08	0.25	0.07	0.03	0.17
ESA02D_214.0-216.0		0.05	0.15	0.04	0.02	0.11
ESA02D_216.0-218.0		0.04	0.11	0.03	0.01	0.09
ESA02D_218.0-220.0		0.05	0.15	0.04	0.02	0.11
ESA02D_220.0-225.0		0.09	0.24	0.06	0.02	0.14
ESA02D_225.0-230.0		0.11	0.23	0.06	0.03	0.16
ESA02D_230.0-235.0		0.10	0.23	0.07	0.03	0.21
ESA02D_235.0-240.0		0.15	0.38	0.11	0.05	0.30
ESA02D_240.0-245.0		0.03	0.09	0.02	0.01	0.06
ESA02D_245.0-250.0		0.11	0.31	0.09	0.03	0.22
ESA02D_250.0-255.0		0.20	0.28	0.06	0.03	0.17
ESA02D_255.0-260.0		0.29	0.41	0.10	0.05	0.28
ESA02D_260.0-265.0		0.21	0.29	0.08	0.04	0.25
ESA02D_265.0-270.0		0.19	0.37	0.12	0.06	0.38
ESA02D_270.0-275.0		0.43	0.54	0.14	0.07	0.41
ESA02D_275.0-280.0		0.27	0.46	0.14	0.07	0.43
ESA02D_280.0-285.0		0.25	0.37	0.11	0.05	0.33
ESA02D_285.0-290.0		0.21	0.38	0.12	0.06	0.38
ESA02D_290.0-295.0		0.28	0.43	0.13	0.07	0.45
ESA02D_295.0-300.0		0.63	0.79	0.19	0.10	0.60
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CERTIFICATE OF ANALYSIS AD25087272

	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>