



Australian Laboratory Services Pty. Ltd.

32 Shand Street

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Phone: +61 7 3243 7222 Fax: +61 7 3243 7218

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ALS Perth is a NATA Accredited Testing Laboratory. Corporate Accreditation

No: 825, Corporate Site No: 23001.

To: PURE MINING PTY LTD
UNIT 34, LEVEL 5
123B COLIN ST
WEST PERTH WA 6005

Page: 1

Total # Pages: 3 (A – F)

Plus Appendix Pages

Finalized Date: 27-DEC-2023

This copy reported on 5-JAN-2024

Account: PURMINING

CERTIFICATE MG23342062

Project: Barrow Creek 32515

This report is for 62 samples of Drill Core submitted to our lab in Perth, WA, Australia on 27-NOV-2023.

The following have access to data associated with this certificate:

GRAEME FRASER

QINGTAO ZENG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LEV-01	Waste Disposal Levy
LOG-22	Sample login – Rcd w/o BarCode
SND-ALS	Send samples to internal laboratory
PUL-31h	Pulverize 750g to 85% < 75 um
CRU-31	Fine crushing – 70% <2mm
LOG-24	Pulp Login – Rcd w/o Barcode
PUL-23	Pulv Sample – Split/Retain
BAG-01	Bulk Master for Storage
BAG-21	Raw Sample in a new bag
SPL-21	Split sample – riffle splitter
CRU-21	Crush entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
ME-ICP89	Peroxide Fusion by ICP-AES	ICP-AES
ME-MS91	ICP-MS Analysis – Sodium Peroxide Fusion	ICP-MS

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 MG23342062

Sample Description	Method Analyte Units LOD	WEI-21	PUL-QC	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt. kg	Pass75um %	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.01	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
MPL21_792		0.86	98.1	0.06	3.19	2.5	<0.02	<10	10	0.42	0.79	0.18	0.04	72.5	28.3	24
MPL21_793		2.02	92.2	0.02	3.61	3.0	<0.02	<10	10	0.59	1.31	0.86	0.03	63.5	69.1	46
MPL21_650		0.02														
MPL21_651		2.22	96.6													
MPL21_652		1.98	95.2													
MPL21_653		2.60														
MPL21_654		2.05														
MPL21_655		1.16														
MPL21_656		0.60	97.1													
MPL21_657		0.53	98.3													
MPL21_658		0.02														
MPL21_659		1.82														
MPL21_660		1.74														
MPL21_661		2.57														
MPL21_662		2.03														
MPL21_663		1.99														
MPL21_664		1.86														
MPL21_665		1.08														
MPL21_666		0.75	91.4													
MPL21_667		1.26														
MPL21_668		2.14														
MPL21_669		0.02														
MPL21_757		2.41														
MPL21_758		2.00														
MPL21_759		3.05														
MPL21_760		2.46														
MPL21_761		0.02														
MPL21_762		1.30														
MPL21_763		0.97														
MPL21_764		3.15														
MPL21_765		2.83														
MPL21_766		1.80														
MPL21_767		2.25														
MPL21_768		2.59														
MPL21_769		0.48														
MPL21_770		0.87														
MPL21_771		1.88														
MPL21_772		1.50														
MPL21_773		0.02														
MPL21_774		2.52														



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CERTIFICATE OF ANALYSIS MG23342062

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
MPL21_792		0.31	320	11.20	15.15	0.17	0.23	<0.01	0.053	0.10	40.4	26.9	2.44	582	1.00
MPL21_793		0.36	124.0	7.97	16.15	0.15	0.10	<0.01	0.033	0.08	33.0	39.2	3.17	690	1.36
MPL21_650															
MPL21_651															
MPL21_652															
MPL21_653															
MPL21_654															
MPL21_655															
MPL21_656															
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MPL21_669															
MPL21_757															
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MPL21_762															
MPL21_763															
MPL21_764															
MPL21_765															
MPL21_766															
MPL21_767															
MPL21_768															
MPL21_769															
MPL21_770															
MPL21_771															
MPL21_772															
MPL21_773															
MPL21_774															



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		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
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
MPL21_792		0.33	25.6	340	4.0	7.5	<0.001	1.76	0.29	6.2	1.2	1.3	3.1	0.01	0.18
MPL21_793		0.18	50.0	3220	3.6	6.7	0.001	1.56	0.05	8.0	1.4	1.2	5.0	0.01	0.19
MPL21_650															
MPL21_651															
MPL21_652															
MPL21_653															
MPL21_654															
MPL21_655															
MPL21_656															
MPL21_657															
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MPL21_669															
MPL21_757															
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MPL21_769															
MPL21_770															
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MPL21_774															



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CERTIFICATE OF ANALYSIS MG23342062

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89
		Ti	Ti	U	V	W	Y	Zn	Zr	Al2O3	As	CaO	Co	Cr2O3	Cu	Fe2O3
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.02	0.01	0.07	0.005	0.01	0.01	0.01
MPL21_792		0.079	0.06	0.75	45	0.13	9.28	72	7.5							
MPL21_793		0.100	0.06	1.04	62	0.14	21.8	84	2.7							
MPL21_650										16.10	0.01	1.09	<0.005	0.01	<0.01	2.46
MPL21_651										12.60	<0.01	0.64	<0.005	<0.01	<0.01	1.38
MPL21_652										13.50	0.02	0.63	<0.005	0.01	<0.01	1.80
MPL21_653										14.35	0.01	0.52	<0.005	<0.01	<0.01	1.22
MPL21_654										14.60	0.01	0.56	<0.005	<0.01	<0.01	1.46
MPL21_655										12.60	0.01	0.45	<0.005	<0.01	<0.01	1.84
MPL21_656										13.70	0.01	0.32	<0.005	<0.01	<0.01	1.23
MPL21_657										14.00	0.01	0.32	<0.005	<0.01	<0.01	1.92
MPL21_658										8.81	0.01	0.17	<0.005	0.01	<0.01	2.23
MPL21_659										13.40	0.01	0.38	<0.005	<0.01	<0.01	1.27
MPL21_660										14.80	0.01	0.32	<0.005	<0.01	<0.01	1.00
MPL21_661										14.25	<0.01	0.53	<0.005	<0.01	<0.01	1.27
MPL21_662										14.35	0.01	0.42	<0.005	<0.01	<0.01	1.10
MPL21_663										15.15	0.01	0.43	<0.005	<0.01	<0.01	1.04
MPL21_664										14.25	0.01	0.60	<0.005	<0.01	<0.01	2.00
MPL21_665										13.10	0.01	0.48	<0.005	<0.01	<0.01	1.17
MPL21_666										15.90	0.01	0.64	<0.005	<0.01	<0.01	1.17
MPL21_667										14.05	0.01	0.38	<0.005	<0.01	<0.01	1.17
MPL21_668										14.30	0.01	0.76	<0.005	<0.01	0.01	1.40
MPL21_669										16.15	0.01	0.35	<0.005	0.01	<0.01	1.28
MPL21_757										13.80	0.01	0.63	<0.005	<0.01	<0.01	1.33
MPL21_758										16.70	0.01	0.94	<0.005	<0.01	<0.01	1.30
MPL21_759										12.95	0.01	0.42	<0.005	<0.01	<0.01	1.16
MPL21_760										12.05	<0.01	0.43	<0.005	<0.01	<0.01	1.33
MPL21_761										15.75	0.01	1.08	<0.005	0.01	<0.01	2.40
MPL21_762										9.05	0.01	0.99	<0.005	<0.01	<0.01	1.18
MPL21_763										13.90	0.01	0.48	<0.005	0.01	<0.01	1.33
MPL21_764										14.00	0.01	0.48	<0.005	<0.01	<0.01	1.32
MPL21_765										13.75	0.01	0.78	<0.005	0.01	<0.01	2.34
MPL21_766										13.00	0.01	0.35	<0.005	<0.01	<0.01	1.03
MPL21_767										13.40	0.01	0.25	<0.005	<0.01	<0.01	0.87
MPL21_768										13.40	<0.01	0.41	<0.005	<0.01	<0.01	1.04
MPL21_769										12.85	0.01	0.62	<0.005	<0.01	<0.01	1.82
MPL21_770										18.25	0.01	0.99	<0.005	0.01	<0.01	3.86
MPL21_771										13.85	0.01	0.42	<0.005	<0.01	<0.01	1.09
MPL21_772										14.00	0.01	0.92	<0.005	0.01	<0.01	2.41
MPL21_773										8.64	0.01	0.15	<0.005	0.01	<0.01	2.18
MPL21_774										13.10	0.01	0.39	<0.005	<0.01	0.01	0.91



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Sample Description	Method Analyte Units LOD	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-MS91	ME-MS91	ME-MS91	ME-MS91	ME-MS91
		K2O	Li	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn	Cs	Nb	Rb	Sn	Ta
		%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm
		0.06	0.001	0.01	0.01	0.005	0.01	0.01	0.2	0.02	0.01	0.2	5	0.5	5	0.5
MPL21_792																
MPL21_793																
MPL21_650		2.96	0.462	0.50	0.09	<0.005	<0.01	0.10	72.1	0.25	0.01	52.3	43	522	167	27.8
MPL21_651		4.95	0.002	0.32	0.01	<0.005	<0.01	0.03	75.3	0.04	<0.01	20.9	29	374	40	8.5
MPL21_652		4.83	0.003	0.27	0.02	<0.005	<0.01	0.04	74.4	0.09	<0.01	24.5	32	432	61	8.2
MPL21_653		3.58	0.002	0.22	0.02	<0.005	<0.01	0.04	73.8	0.03	<0.01	20.5	30	337	102	12.2
MPL21_654		5.73	0.002	0.25	0.02	<0.005	<0.01	0.02	72.9	0.07	<0.01	18.4	24	481	58	7.1
MPL21_655		6.30	0.002	0.17	0.01	<0.005	<0.01	0.03	78.1	0.04	<0.01	24.7	18	424	19	14.0
MPL21_656		7.66	0.008	0.23	0.01	<0.005	<0.01	0.03	69.5	0.04	<0.01	11.8	11	400	17	3.0
MPL21_657		4.78	0.002	0.35	0.03	<0.005	<0.01	0.04	73.4	0.12	<0.01	26.2	25	392	27	13.1
MPL21_658		3.19	0.001	0.35	0.08	<0.005	<0.01	0.03	79.8	0.43	<0.01	0.8	10	88.1	6	0.7
MPL21_659		5.37	0.002	0.22	0.01	<0.005	<0.01	0.04	75.5	0.06	<0.01	23.1	28	443	59	8.3
MPL21_660		5.43	0.001	0.12	0.01	<0.005	<0.01	0.04	73.8	0.02	<0.01	29.2	15	457	17	5.8
MPL21_661		4.38	0.002	0.22	0.02	<0.005	<0.01	0.04	72.5	0.07	<0.01	26.5	33	536	48	8.7
MPL21_662		3.91	0.002	0.13	0.02	<0.005	<0.01	0.04	74.2	0.04	<0.01	26.5	30	466	48	6.1
MPL21_663		5.75	0.002	0.15	0.01	<0.005	<0.01	0.05	73.2	0.03	<0.01	30.8	34	573	47	6.6
MPL21_664		4.63	0.003	0.40	0.03	<0.005	<0.01	0.03	72.3	0.15	<0.01	18.2	25	430	39	6.9
MPL21_665		4.32	0.002	0.22	0.02	<0.005	<0.01	0.04	75.7	0.07	<0.01	13.1	15	227	13	2.2
MPL21_666		6.53	0.003	0.23	0.02	<0.005	<0.01	0.03	70.6	0.06	<0.01	55.4	22	474	43	16.2
MPL21_667		5.73	0.002	0.32	0.01	<0.005	<0.01	0.03	73.8	0.04	<0.01	13.0	5	282	10	0.8
MPL21_668		6.94	0.001	0.25	0.03	<0.005	<0.01	0.09	71.9	0.05	<0.01	13.8	7	371	27	2.9
MPL21_669		2.54	0.690	0.08	0.10	<0.005	<0.01	0.07	71.9	0.04	0.01	69.4	55	670	245	39.8
MPL21_757		4.37	0.002	0.48	0.01	<0.005	<0.01	0.03	75.5	0.07	<0.01	23.8	20	236	16	8.7
MPL21_758		3.93	0.005	0.66	0.01	<0.005	<0.01	0.03	67.0	0.07	<0.01	17.5	24	290	21	22.0
MPL21_759		4.48	0.002	0.25	0.01	<0.005	<0.01	0.04	75.7	0.07	<0.01	8.0	21	247	14	7.4
MPL21_760		2.63	0.003	0.32	0.01	<0.005	<0.01	0.03	78.5	0.08	<0.01	8.7	17	170.5	11	7.6
MPL21_761		2.93	0.454	0.46	0.08	<0.005	<0.01	0.09	70.4	0.24	0.01	48.2	46	512	162	26.3
MPL21_762		1.32	0.001	0.13	0.01	<0.005	<0.01	0.05	81.9	0.04	<0.01	4.0	8	68.8	9	1.6
MPL21_763		5.90	0.002	0.30	0.02	<0.005	<0.01	0.04	72.7	0.08	<0.01	45.3	15	352	<5	8.5
MPL21_764		4.83	0.003	0.30	0.02	<0.005	<0.01	0.08	73.8	0.09	<0.01	47.9	25	331	18	13.0
MPL21_765		4.06	0.004	0.99	0.03	<0.005	<0.01	0.04	70.6	0.16	<0.01	12.8	9	196.5	<5	7.8
MPL21_766		3.98	0.002	0.18	0.01	<0.005	<0.01	0.03	75.9	0.04	<0.01	11.4	11	186.0	10	6.5
MPL21_767		6.24	0.002	0.12	0.01	<0.005	<0.01	0.04	74.2	0.02	<0.01	13.0	16	351	15	5.1
MPL21_768		2.88	0.002	0.17	0.01	<0.005	<0.01	0.04	77.2	0.03	<0.01	10.6	22	225	22	12.0
MPL21_769		2.16	0.002	0.36	0.02	<0.005	<0.01	0.06	75.7	0.08	<0.01	8.9	9	135.5	12	3.9
MPL21_770		4.64	0.006	1.22	0.03	<0.005	<0.01	0.07	62.7	0.32	<0.01	42.0	36	382	33	13.1
MPL21_771		4.00	0.002	0.18	0.01	<0.005	0.01	0.05	75.3	0.04	<0.01	13.2	38	276	25	19.2
MPL21_772		2.99	0.004	0.95	0.03	<0.005	<0.01	0.05	72.9	0.20	<0.01	13.8	13	206	14	3.4
MPL21_773		3.16	0.002	0.33	0.08	<0.005	<0.01	0.03	80.0	0.43	<0.01	1.0	10	89.1	10	0.9
MPL21_774		3.71	0.002	0.18	0.01	<0.005	0.01	0.06	76.2	0.04	<0.01	7.9	20	197.0	18	6.6



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CERTIFICATE OF ANALYSIS MG23342062

Sample Description	Method Analyte Units LOD	ME-MS91	ME-MS91
		Th	U
		ppm	ppm
		0.5	0.5
MPL21_792			
MPL21_793			
MPL21_650		6.9	7.6
MPL21_651		1.4	3.4
MPL21_652		4.1	16.9
MPL21_653		1.1	2.3
MPL21_654		2.4	2.4
MPL21_655		5.7	5.8
MPL21_656		1.5	2.9
MPL21_657		7.6	7.6
MPL21_658		5.6	1755
MPL21_659		2.2	18.4
MPL21_660		2.8	6.9
MPL21_661		3.7	15.8
MPL21_662		1.3	7.6
MPL21_663		0.6	6.3
MPL21_664		8.1	12.7
MPL21_665		0.9	6.7
MPL21_666		2.1	7.7
MPL21_667		1.8	8.1
MPL21_668		1.6	27.1
MPL21_669		1.0	8.1
MPL21_757		2.7	1.9
MPL21_758		4.1	5.2
MPL21_759		5.0	4.2
MPL21_760		6.7	3.9
MPL21_761		6.3	7.1
MPL21_762		1.8	2.0
MPL21_763		7.5	12.6
MPL21_764		8.0	15.0
MPL21_765		6.4	10.3
MPL21_766		3.0	4.3
MPL21_767		1.4	5.7
MPL21_768		1.6	7.5
MPL21_769		4.7	52.0
MPL21_770		9.7	5.7
MPL21_771		1.4	9.5
MPL21_772		4.1	5.0
MPL21_773		6.0	1750
MPL21_774		2.2	17.0



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PUL-QC Pass7Sum %	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm
		0.02	0.01	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
MPL21_775		1.33														
MPL21_784		2.59														
MPL21_785		2.50														
MPL21_786		2.33														
MPL21_787		0.58														
MPL21_788		1.59														
MPL21_789		0.98														
MPL21_790		0.52														
MPL21_791		0.02														
MPL21_794		0.70														
MPL21_795		2.61	97.3													
MPL21_796		2.87														
MPL21_797		2.89														
MPL21_798		0.91														
MPL21_752		Not Recvd														
MPL21_753		Not Recvd														
MPL21_754		Not Recvd														
MPL21_755		Not Recvd														
MPL21_756		Not Recvd														
MPL21_779		Not Recvd														
MPL21_776		1.52														
MPL21_777		0.98														



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
MPL21_775 MPL21_784 MPL21_785 MPL21_786 MPL21_787															
MPL21_788 MPL21_789 MPL21_790 MPL21_791 MPL21_794															
MPL21_795 MPL21_796 MPL21_797 MPL21_798 MPL21_752															
MPL21_753 MPL21_754 MPL21_755 MPL21_756 MPL21_779															
MPL21_776 MPL21_777															



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		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
MPL21_775		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
MPL21_784															
MPL21_785															
MPL21_786															
MPL21_787															
MPL21_788															
MPL21_789															
MPL21_790															
MPL21_791															
MPL21_794															
MPL21_795															
MPL21_796															
MPL21_797															
MPL21_798															
MPL21_752															
MPL21_753															
MPL21_754															
MPL21_755															
MPL21_756															
MPL21_779															
MPL21_776															
MPL21_777															



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89
		Ti	Ti	U	V	W	Y	Zn	Zr	Al2O3	As	CaO	Co	Cr2O3	Cu	Fe2O3
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.02	0.01	0.07	0.005	0.01	0.01	0.01
MPL21_775										13.95	0.01	0.41	<0.005	<0.01	<0.01	1.28
MPL21_784										14.20	0.01	0.36	<0.005	<0.01	<0.01	1.32
MPL21_785										13.30	0.01	0.35	<0.005	0.01	<0.01	0.99
MPL21_786										13.25	0.01	0.41	<0.005	<0.01	<0.01	0.93
MPL21_787										14.10	0.01	0.39	<0.005	<0.01	<0.01	1.04
MPL21_788										14.80	0.01	0.36	<0.005	<0.01	<0.01	1.60
MPL21_789										14.70	0.01	0.49	<0.005	<0.01	<0.01	1.02
MPL21_790										2.27	0.01	0.13	<0.005	0.01	<0.01	1.82
MPL21_791										16.35	0.02	0.31	<0.005	0.01	<0.01	1.32
MPL21_794										22.2	0.01	13.20	<0.005	0.02	<0.01	7.48
MPL21_795										16.30	0.01	6.00	<0.005	0.02	0.01	12.25
MPL21_796										17.10	0.01	2.63	<0.005	0.01	0.03	12.00
MPL21_797										15.10	0.01	0.57	<0.005	<0.01	<0.01	1.14
MPL21_798										16.80	0.01	1.30	<0.005	0.01	<0.01	2.33
MPL21_752																
MPL21_753																
MPL21_754																
MPL21_755																
MPL21_756																
MPL21_779																
MPL21_776										12.20	0.01	1.42	<0.005	0.01	<0.01	4.87
MPL21_777										17.05	0.01	0.90	<0.005	<0.01	<0.01	0.94



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Sample Description	Method Analyte Units LOD	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-ICP89	ME-MS91	ME-MS91	ME-MS91	ME-MS91	ME-MS91
		K2O	Li	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn	Cs	Nb	Rb	Sn	Ta
		%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm
		0.06	0.001	0.01	0.01	0.005	0.01	0.01	0.2	0.02	0.01	0.2	5	0.5	5	0.5
MPL21_775		3.46	0.003	0.32	0.01	<0.005	<0.01	0.07	74.4	0.07	<0.01	10.0	25	232	21	7.4
MPL21_784		5.52	0.003	0.27	0.01	<0.005	<0.01	0.08	74.4	0.06	<0.01	14.6	19	280	19	9.0
MPL21_785		4.48	0.003	0.13	0.02	<0.005	<0.01	0.06	74.4	0.04	<0.01	30.7	20	297	10	12.4
MPL21_786		4.57	0.003	0.13	0.01	<0.005	<0.01	0.06	75.5	0.06	<0.01	24.8	28	281	32	12.5
MPL21_787		4.78	0.003	0.15	0.01	<0.005	<0.01	0.02	75.9	0.05	<0.01	13.8	22	264	27	8.5
MPL21_788		6.26	0.003	0.51	0.01	<0.005	<0.01	0.04	72.9	0.11	<0.01	10.2	10	257	15	2.4
MPL21_789		6.05	0.003	0.20	0.01	<0.005	0.01	0.04	74.4	0.07	<0.01	8.4	12	237	14	1.9
MPL21_790		0.73	0.002	0.25	0.02	<0.005	<0.01	0.04	94.6	0.08	<0.01	2.4	13	38.9	11	1.0
MPL21_791		2.60	0.703	0.07	0.10	<0.005	<0.01	0.07	73.8	0.04	0.01	70.0	59	671	256	42.4
MPL21_794		2.29	0.002	0.78	0.10	<0.005	<0.01	0.03	49.2	1.09	<0.01	2.5	35	57.3	11	1.8
MPL21_795		2.46	0.005	5.46	0.18	0.007	<0.01	0.22	49.2	1.21	0.01	6.4	21	179.5	6	1.2
MPL21_796		3.04	0.005	6.17	0.17	0.005	<0.01	0.28	50.1	1.30	0.01	3.2	9	126.0	7	0.6
MPL21_797		5.01	0.003	0.28	0.02	<0.005	<0.01	0.04	71.2	0.05	<0.01	32.2	42	436	40	36.2
MPL21_798		4.08	0.005	0.80	0.05	<0.005	<0.01	0.09	67.0	0.17	<0.01	31.2	34	477	66	16.6
MPL21_752																
MPL21_753																
MPL21_754																
MPL21_755																
MPL21_756																
MPL21_779																
MPL21_776		2.75	0.008	1.22	0.04	<0.005	<0.01	0.04	73.6	0.57	0.01	7.8	16	166.0	12	4.1
MPL21_777		1.86	0.005	0.03	0.04	<0.005	<0.01	0.03	71.2	0.03	<0.01	13.9	58	346	131	38.1



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Sample Description	Method Analyte Units LOD	ME-MS91	ME-MS91
		Th	U
		ppm	ppm
		0.5	0.5
MPL21_775		3.9	11.2
MPL21_784		2.0	2.9
MPL21_785		1.4	11.6
MPL21_786		1.8	9.5
MPL21_787		1.8	6.9
MPL21_788		2.9	4.0
MPL21_789		1.5	4.9
MPL21_790		1.9	1.4
MPL21_791		1.0	8.4
MPL21_794		52.9	3.8
MPL21_795		3.0	1.6
MPL21_796		72.2	1.4
MPL21_797		1.5	7.3
MPL21_798		6.0	15.3
MPL21_752			
MPL21_753			
MPL21_754			
MPL21_755			
MPL21_756			
MPL21_779			
MPL21_776		25.1	3.9
MPL21_777		1.2	4.8



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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method:

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

ACCREDITATION COMMENTS

Applies to Method:

NATA Accreditation covers the performance of this service but does not cover the performance of ALS Perth Sample Preparation. Corporate Accreditation No: 825, Corporate Site No: 23001. The Technical Signatory is Wendy Wong, Senior QC Chemist
ME-MS41

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Perth located at 31 Denninup Way, Malaga, Australia. Processed at ALS Perth Sample Preparation at 79 Distinction Road, Wangara, WA, Australia
ME-ICP89 ME-MS41 ME-MS91

Applies to Method:

Processed at Malaga Prep at 121 Beringarra Avenue, Malaga, Australia 6090
BAG-01 BAG-21 CRU-21 CRU-31
LEV-01 LOG-22 LOG-24 PUL-23
PUL-31h PUL-QC SND-ALS SPL-21
WEI-21