

MINERALS TEST REPORT

CLIENT

LITHIUM PLUS PTY LTD

93 Kent Street
NORTH RYDE, NSW 2113
AUSTRALIA

JOB INFORMATION

JOB CODE : 2055.0/1812113
NO. SAMPLES : 34
NO. ELEMENTS : 14
CLIENT ORDER NO. : LiP_1_180815 (Job 1 of 1)
SAMPLE SUBMISSION NO. : LiP_1_180815
PROJECT : ARUNTA
SAMPLE TYPE : Rock Chip
DATE RECEIVED : 16/08/2018
DATE REPORTED : 30/08/2018
DATE PRINTED : 06/09/2018

REPORT NOTES

TESTED BY

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SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that figures beyond the least significant digit have significance.

For more information on the uncertainty on individual reported values, please contact the laboratory.

SAMPLE STORAGE

All solid samples (assay pulps, bulk pulps and residues) will be stored for 60 days without charge. Following this, samples will be stored at a daily rate until clients' written advice regarding return, collection or disposal is received. If storage information is not supplied on the submission, or arranged with the laboratory in writing, the default will be to store the samples with the applicable charges. Storage is charged at \$4.00 per m³ per day, expenses related to the return or disposal of samples will be charged at cost. Current disposal cost is charged at \$150.00 per m³.

Samples received as liquids, waters or solutions will be held for 60 days free of charge then disposed of, unless written advice for return or collection is received.

LEGEND	X	= Less than Detection Limit	NA	= Not Analysed
	SNR	= Sample Not Received	UA	= Unable to Assay
	*	= Result Checked	>	= Value beyond Limit of Method
	DTF	= Result still to come	+	= Extra Sample Received Not Listed
	IS	= Insufficient Sample for Analysis		

ELEMENTS	As	Be	Cs	Fe	K	Li	Nb	P	Rb	Sn
UNITS	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm
DETECTION LIMIT	20	1	0.1	0.01	0.05	5	10	0.01	0.5	2
DIGEST	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/
ANALYTICAL FINISH	MS	MS	MS	OE	OE	MS	MS	OE	MS	MS
SAMPLE NUMBERS										
0001 5162	X	8	8.2	0.44	0.69	22	97	X	114.8	X
0002 5163	X	9	10.5	0.35	0.88	21	63	0.02	125.6	X
0003 5164	X	4	97.1	0.18	9.94	12	45	0.07	1300.3	2
0004 5165	X	X	2.6	0.69	0.32	14	50	X	26.9	X
0005 5166	X	3	54.0	1.60	4.01	97	89	X	559.2	5
0006 5167	X	3	33.5	0.48	8.63	20	52	0.05	851.3	X
0007 5168	X	5	95.5	0.65	2.89	83	57	0.03	812.0	X
0008 5169	X	2	63.9	1.63	4.20	148	77	0.02	447.5	3
0009 5170	X	43	4.6	0.10	0.07	4.60%	51	20.60	21.7	X
0010 5171	X	37	1.9	0.17	0.07	4.10%	39	20.01	5.8	X
0011 5172	X	21	2766.5	0.92	7.82	4689	154	0.28	8693.6	X
0012 5173	X	18	2206.5	0.67	6.28	2637	69	0.12	5705.7	X
0013 5174	X	26	73.5	0.68	6.74	137	75	0.19	1256.4	X
0014 5175	X	6	19.6	0.71	1.51	97	50	0.04	280.1	3
0015 5176	X	51	98.5	0.12	10.82	33	32	0.07	1156.2	X
0016 5177	X	3	167.7	0.29	10.57	75	36	0.12	1051.3	X
0017 5178	X	7	3.7	0.44	3.54	17	55	0.03	228.4	9
0018 5179	X	5	0.7	0.14	0.55	18	25	0.01	13.1	X
0019 5180	X	3	1.9	1.55	2.81	17	39	0.16	206.5	12
0020 5181	X	3	15.8	0.37	5.32	8	37	0.03	465.7	3
0021 5182	X	6	3.2	1.19	5.00	31	55	0.02	364.1	17
0022 5183	X	1	4.2	0.49	9.13	10	25	0.04	455.1	5
0023 5184	X	12	7.0	1.00	5.05	18	47	0.02	334.2	13
0024 5185	X	7	0.8	0.67	1.57	14	17	0.02	69.7	4
0025 5186	X	6	2.2	0.69	2.90	15	48	0.03	178.2	11
0026 5187	X	3	2.3	0.21	6.54	X	13	0.04	383.2	3
0027 5188	X	3	1.1	0.74	3.05	6	32	X	140.6	9
0028 5189	X	X	2.5	1.07	5.27	6	20	0.03	216.9	4
0029 5190	X	3	26.7	0.96	6.08	66	39	0.07	921.5	115
0030 5191	X	5	9.7	0.80	1.19	87	135	0.06	228.1	47
0031 5192	X	3	33.6	0.40	8.30	20	25	0.11	1062.2	11
0032 5193	X	3	24.2	0.66	5.50	43	27	0.11	776.3	25
0033 5194	X	5	33.8	1.25	3.91	103	86	0.02	839.5	179
0034 5195	X	2	16.4	0.53	5.26	14	17	0.07	671.1	23
CHECKS										
0001 5168	X	5	91.2	0.68	2.92	84	51	0.03	819.6	X

ELEMENTS	Sr	Ta	Th	U
UNITS	ppm	ppm	ppm	ppm
DETECTION LIMIT	20	0.1	0.1	0.1
DIGEST	FP6/	FP6/	FP6/	FP6/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0001 5162	32	1.8	1.9	2.6
0002 5163	41	2.4	2.3	9.7
0003 5164	48	0.7	0.8	1.5
0004 5165	X	1.3	0.4	0.2
0005 5166	28	34.9	0.9	0.9
0006 5167	X	1.5	0.4	0.4
0007 5168	X	60.7	0.8	2.4
0008 5169	32	23.3	6.3	2.1
0009 5170	242	40.0	0.2	1.8
0010 5171	668	157.8	0.3	15.2
0011 5172	22	1061.6	20.3	10.9
0012 5173	22	92.5	0.2	1.0
0013 5174	274	33.0	1.6	14.9
0014 5175	48	11.6	5.7	1.6
0015 5176	21	0.5	0.3	0.1
0016 5177	20	4.0	0.7	0.5
0017 5178	28	2.6	10.7	3.0
0018 5179	37	0.3	0.2	X
0019 5180	43	1.5	3.3	3.0
0020 5181	X	0.6	1.4	0.6
0021 5182	X	2.2	41.4	17.4
0022 5183	71	1.3	3.8	2.3
0023 5184	52	4.7	10.6	4.6
0024 5185	112	0.5	1.6	1.9
0025 5186	36	2.2	56.6	14.7
0026 5187	35	0.2	8.9	1.4
0027 5188	38	0.9	1.4	0.8
0028 5189	90	0.2	7.2	1.4
0029 5190	X	6.4	1.7	1.2
0030 5191	X	29.8	4.1	18.0
0031 5192	X	4.8	1.0	4.2
0032 5193	X	2.2	6.3	5.0
0033 5194	X	9.3	7.0	4.7
0034 5195	X	2.1	2.3	2.8
CHECKS				
0001 5168	X	62.2	0.7	2.7

ELEMENTS	As	Be	Cs	Fe	K	Li	Nb	P	Rb	Sn
UNITS	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm
DETECTION LIMIT	20	1	0.1	0.01	0.05	5	10	0.01	0.5	2
DIGEST	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/	FP6/
ANALYTICAL FINISH	MS	MS	MS	OE	OE	MS	MS	OE	MS	MS
STANDARDS										
0001 OREAS 148	54	39	331.3	3.08	1.55	4788	1751	0.13	1378.7	1220
0002 AMIS0339	X	67	265.8	1.74	1.29	2.21%	107	0.11	1376.7	159
0003 OREAS 149	154	27	344.8	4.35	1.47	1.01%	6275	0.11	838.4	3350
BLANKS										
0001 Control Blank	X	X	X	0.02	X	X	X	X	X	X

ELEMENTS	Sr	Ta	Th	U
UNITS	ppm	ppm	ppm	ppm
DETECTION LIMIT	20	0.1	0.1	0.1
DIGEST	FP6/	FP6/	FP6/	FP6/
ANALYTICAL FINISH	MS	MS	MS	MS
STANDARDS				
0001 OREAS 148	217	23.4	50.3	8.2
0002 AMIS0339	35	330.0	2.2	6.1
0003 OREAS 149	236	29.3	116.4	25.2
BLANKS				
0001 Control Blank	X	X	X	X

METHOD CODE DESCRIPTION

Method Code	Analysing Laboratory NATA Laboratory Accreditation	NATA Scope of Accreditation
FP6/MS	Intertek Genalysis Perth 3244 3237 Sodium peroxide fusion (Nickel crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Mass Spectrometry.	FP6/ : MPL_W012, MS : ICP_W003
FP6/OE	Intertek Genalysis Perth 3244 3237 Sodium peroxide fusion (Nickel crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.	FP6/ : MPL_W012, OE : ICP_W004