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To: **STELLAR RESOURCES**
LEVEL 17, 530 COLLINS STREET
MELBOURNE VIC 3000

Page: 1

Total # Pages: 3 (A – D)

Plus Appendix Pages

Finalized Date: 24-MAY-2023

Account: STERES

CERTIFICATE AD23109432

Project: ZS152A

This report is for 51 samples of Pulp submitted to our lab in Burnie, TAS, Australia on 21-APR-2023.

The following have access to data associated with this certificate:

ADAM FRANKCOMBE

BEC LOCKLEY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
HOM-01	Homogenize by light pulverizing

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements – Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn – Four Acid	
ME-MS85	Lithium Borate Fusion – Select Elements	ICP-MS
ME-MS61	48 element four acid 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:

Devin Borstel, Operations Manager



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CERTIFICATE OF ANALYSIS AD23109432

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
SZCOMP001		0.19	7.92	267	460	7.75	29.7	0.28	<0.02	93.8	14.9	51	14.40	374	3.92	21.1
SZCOMP002		0.29	7.24	78.0	360	8.20	12.95	0.23	0.13	91.9	16.8	48	13.10	299	4.42	20.2
SZCOMP003		1.83	7.90	111.0	310	11.95	156.5	0.63	0.04	83.8	12.4	51	9.93	2870	4.30	26.5
SZ003096		3.23	3.98	1640	90	6.68	56.0	0.37	<0.02	45.3	23.4	203	4.67	634	22.0	29.9
SZCOMP004		1.44	7.79	13.7	330	9.46	52.7	0.39	0.11	96.7	12.8	59	9.97	2270	4.29	24.0
SZCOMP005		1.10	7.80	67.3	300	9.62	39.0	0.73	<0.02	88.4	10.6	46	8.36	1805	4.37	32.0
SZCOMP006		0.58	7.97	824	290	10.35	31.1	0.76	<0.02	85.2	19.6	48	8.68	735	4.25	27.6
SZCOMP007		0.19	7.31	1570	330	13.45	27.9	0.47	<0.02	96.1	14.4	44	10.95	338	3.28	21.8
SZCOMP008		0.18	6.29	2810	310	14.20	69.1	0.55	<0.02	87.5	33.4	38	10.45	335	3.43	20.6
SZCOMP009		0.14	7.17	208	340	15.70	20.5	0.67	<0.02	85.4	7.6	42	10.65	273	3.48	24.4
SZCOMP010		0.46	6.92	1650	260	14.55	158.0	0.81	<0.02	93.1	24.7	44	10.55	920	4.22	25.5
SZCOMP011		0.84	7.57	56.4	240	22.4	68.2	0.50	<0.02	101.0	11.9	53	9.34	1555	4.58	23.7
SZCOMP012		0.17	8.15	132.5	330	21.0	30.1	0.45	<0.02	92.4	11.6	52	16.80	364	4.22	26.0
SZCOMP013		0.15	8.87	1760	400	26.3	46.7	0.34	<0.02	92.7	24.3	53	20.8	292	3.97	27.7
SZ003116		0.01	0.07	2.6	10	0.15	0.14	20.5	0.03	1.05	1.2	1	0.09	2.9	0.13	0.26
SZCOMP014		0.23	7.31	417	320	27.0	32.5	0.28	<0.02	96.1	16.7	47	26.0	499	4.01	21.6
SZCOMP015		0.07	9.21	299	480	21.0	20.3	0.19	<0.02	95.4	8.4	56	27.5	162.5	2.83	28.2
SZCOMP016		0.16	9.26	622	430	36.5	40.3	0.22	<0.02	105.5	14.3	58	31.9	298	3.81	26.9
SZCOMP017		0.15	8.66	242	400	24.6	24.7	0.15	<0.02	97.0	14.4	52	25.8	294	3.64	23.9
SZCOMP018		0.18	7.50	126.5	340	28.9	14.75	0.11	<0.02	89.6	12.7	46	26.9	378	4.38	20.8
SZCOMP019		0.15	8.70	361	380	23.4	40.0	0.16	<0.02	94.8	20.7	52	20.9	351	4.15	26.0
SZCOMP020		0.18	9.01	177.5	440	20.3	21.4	0.17	<0.02	102.0	11.2	56	26.0	294	3.66	25.7
SZCOMP021		1.25	7.05	1985	240	17.75	165.5	0.68	0.26	91.6	51.7	42	13.65	1790	4.17	22.3
SZCOMP022		0.19	8.41	310	360	17.95	23.5	0.35	<0.02	101.5	13.2	51	17.60	232	3.52	26.4
SZ003136		23.2	1.72	1265	110	2.03	34.2	3.42	77.5	16.75	8.1	126	4.27	407	29.8	60.4
SZCOMP023		0.09	8.65	20.0	430	16.50	36.5	0.16	<0.02	103.5	7.7	51	30.2	149.5	3.47	25.5
SZCOMP024		0.04	8.25	32.6	410	14.85	8.88	0.14	<0.02	99.6	6.9	51	44.7	107.5	3.36	23.5
SZCOMP025		0.09	8.52	33.8	480	18.20	12.75	0.21	<0.02	95.9	10.2	55	37.1	227	4.21	24.7
SZCOMP026		0.11	8.74	522	420	15.55	20.2	0.12	<0.02	96.6	11.8	59	37.9	338	3.95	25.9
SZCOMP027		0.03	8.57	62.0	420	13.35	12.80	0.10	<0.02	99.2	11.6	57	33.5	198.0	3.74	24.2
SZCOMP028		0.06	8.46	275	410	11.60	20.5	0.11	<0.02	100.5	14.1	52	29.5	234	3.48	24.0
SZCOMP029		0.06	8.28	55.7	420	11.70	13.95	0.12	<0.02	97.8	10.6	53	31.3	217	3.75	23.6
SZCOMP030		0.10	8.71	565	410	13.05	17.20	0.13	<0.02	96.9	15.2	59	29.3	305	4.29	24.7
SZCOMP031		0.19	8.01	1805	320	12.35	18.15	0.30	<0.02	99.9	26.9	53	22.4	431	4.12	24.9
SZCOMP032		0.16	8.43	1045	360	11.30	18.55	0.31	<0.02	94.9	13.2	54	21.0	456	3.77	25.6
SZ003155D		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
SZCOMP033		0.08	8.41	51.6	400	14.10	12.25	0.15	<0.02	96.4	11.4	54	37.2	233	3.60	24.6
SZCOMP034		0.11	7.72	102.5	370	17.05	13.20	0.19	<0.02	91.4	15.0	52	25.8	286	4.30	23.4
SZCOMP035		0.23	7.70	823	390	16.25	42.3	0.11	<0.02	90.1	23.9	50	27.0	578	3.82	22.7
SZCOMP036		0.31	8.86	1220	430	15.55	35.7	0.11	<0.02	98.5	36.7	57	35.2	691	3.66	25.7



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		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
SZCOMP001		0.14	4.5	0.505	3.02	46.2	30.0	0.61	175	1.24	0.15	17.0	24.7	440	2.8
SZCOMP002		0.13	3.8	1.105	2.45	44.1	32.9	0.65	244	1.24	0.19	11.7	25.0	320	3.3
SZCOMP003		0.50	4.4	1.410	2.22	42.3	38.3	0.72	141	1.14	0.28	12.2	20.3	390	3.3
SZ003096		0.39	2.1	1.755	0.33	22.0	34.9	1.11	874	5.64	0.10	7.2	120.5	610	282
SZCOMP004		0.41	4.0	1.170	2.35	45.3	37.8	0.74	145	1.16	0.25	12.2	23.6	340	3.3
SZCOMP005		0.39	3.9	0.924	2.03	42.5	35.9	0.76	206	0.94	0.30	11.2	14.9	330	3.7
SZCOMP006		0.67	3.8	0.889	2.17	43.0	36.3	0.76	134	0.86	0.30	11.6	20.7	380	3.7
SZCOMP007		0.39	4.5	0.415	2.52	47.1	38.2	0.55	130	0.72	0.19	13.4	15.4	330	2.8
SZCOMP008		0.22	4.1	0.376	2.30	41.0	30.1	0.41	118	0.70	0.14	13.0	15.5	270	3.1
SZCOMP009		0.31	3.9	0.693	2.47	42.8	39.4	0.54	123	0.67	0.21	11.9	15.6	400	3.7
SZCOMP010		0.15	3.8	0.967	2.12	46.1	32.7	0.61	147	1.12	0.25	11.4	20.9	410	3.9
SZCOMP011		0.21	4.6	0.877	1.91	49.1	28.5	0.74	119	1.56	0.31	15.2	19.3	430	3.6
SZCOMP012		0.16	4.3	0.944	2.82	44.5	41.4	0.68	194	1.15	0.23	15.3	19.4	450	3.4
SZCOMP013		0.14	4.5	0.897	3.34	45.8	49.3	0.79	188	1.00	0.22	16.4	16.7	490	3.6
SZ003116		0.12	<0.1	0.008	0.02	0.6	1.5	12.55	226	<0.05	0.02	0.1	1.2	10	2.3
SZCOMP014		0.21	4.3	0.612	2.91	45.5	44.2	0.74	182	1.32	0.14	18.8	21.8	430	2.8
SZCOMP015		0.15	4.8	0.380	4.08	48.3	45.2	0.69	146	1.10	0.12	16.8	13.4	350	2.7
SZCOMP016		0.16	4.6	0.616	3.78	49.4	49.3	0.82	156	1.18	0.16	16.1	21.1	530	3.3
SZCOMP017		0.14	4.6	0.528	3.54	48.4	39.9	0.72	122	1.20	0.15	15.8	20.0	550	3.3
SZCOMP018		0.16	4.1	0.551	3.12	42.1	46.3	0.94	174	1.18	0.12	14.2	21.7	410	3.1
SZCOMP019		0.16	4.5	0.363	3.19	44.2	37.9	0.81	130	0.99	0.20	17.1	20.9	470	3.2
SZCOMP020		0.15	4.8	0.212	3.84	50.2	43.4	0.83	113	1.37	0.15	17.1	21.2	530	3.4
SZCOMP021		0.16	3.9	0.991	2.10	45.0	29.4	0.82	189	0.99	0.25	11.5	27.5	600	6.6
SZCOMP022		0.15	4.6	0.386	3.07	49.0	36.4	0.75	114	1.22	0.21	18.8	19.0	570	3.9
SZ003136		0.15	0.7	24.9	0.25	8.4	22.8	0.64	3110	5.39	0.06	3.2	87.6	430	5590
SZCOMP023		0.15	4.8	0.196	3.67	50.9	37.3	0.78	143	1.14	0.11	20.5	17.7	480	7.0
SZCOMP024		0.15	4.7	0.203	3.64	49.5	38.5	0.79	181	0.98	0.09	19.4	15.4	550	3.6
SZCOMP025		0.15	4.5	0.305	3.38	43.3	40.6	0.82	206	1.39	0.15	15.2	23.1	490	5.6
SZCOMP026		0.14	4.3	0.356	3.64	45.7	32.3	0.77	127	1.60	0.14	14.0	25.3	380	6.2
SZCOMP027		0.14	4.5	0.154	3.82	47.2	28.1	0.83	134	1.55	0.09	15.2	23.7	430	3.1
SZCOMP028		0.14	4.8	0.171	3.52	49.0	31.7	0.81	137	1.24	0.10	17.8	19.8	450	2.7
SZCOMP029		0.15	4.5	0.172	3.65	46.5	35.7	0.85	141	1.18	0.10	14.1	21.2	470	2.5
SZCOMP030		0.16	4.6	0.184	3.55	48.3	33.4	0.80	129	1.69	0.12	14.9	23.8	420	2.3
SZCOMP031		0.14	4.6	0.218	2.80	47.7	34.7	0.78	110	1.42	0.19	12.8	20.9	410	2.2
SZCOMP032		0.15	4.5	0.271	3.07	47.6	35.6	0.74	105	1.34	0.20	13.4	20.2	390	2.5
SZ003155D		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
SZCOMP033		0.15	4.6	0.159	3.54	47.1	40.4	0.76	147	1.43	0.12	15.3	21.1	440	2.4
SZCOMP034		0.15	4.1	0.171	2.87	45.0	33.0	0.72	144	1.64	0.17	14.1	25.7	400	3.2
SZCOMP035		0.17	4.5	0.339	3.28	45.1	42.5	0.74	151	1.14	0.10	16.5	18.2	420	3.3
SZCOMP036		0.15	4.5	0.400	3.82	47.7	43.6	0.75	126	1.47	0.12	14.4	20.8	460	3.3



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		Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	V	W
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1
SZCOMP001		<0.002	1.44	2.54	13.1	1	36.8	71.6	1.19	0.05	15.85	0.346	1.92	3.5	79	45.7
SZCOMP002		0.002	1.54	5.42	11.8	1	44.8	69.9	0.81	<0.05	15.45	0.294	1.74	3.3	70	15.4
SZCOMP003		0.002	1.56	1.02	12.5	2	53.0	67.2	0.86	0.05	15.65	0.274	1.35	3.3	75	26.9
SZ003096		0.003	>10.0	11.90	13.5	1	>500	63.2	0.41	0.08	5.37	0.328	0.63	1.2	106	15.3
SZCOMP004		0.003	1.50	1.32	13.4	2	51.1	64.0	0.80	0.06	15.75	0.285	1.33	3.5	82	17.4
SZCOMP005		<0.002	1.21	2.05	13.1	1	60.0	75.8	0.80	<0.05	14.95	0.280	1.13	3.2	65	18.9
SZCOMP006		0.002	1.44	1.60	12.6	1	56.4	50.6	0.82	0.07	15.10	0.287	1.20	3.3	70	10.8
SZCOMP007		<0.002	0.94	0.96	12.1	2	51.5	52.9	0.95	0.05	16.80	0.328	1.47	3.5	63	16.5
SZCOMP008		<0.002	1.31	2.62	10.5	1	43.5	46.6	0.92	0.09	14.45	0.297	1.32	3.1	53	42.9
SZCOMP009		<0.002	1.11	0.91	11.5	<1	55.4	56.6	0.87	<0.05	14.70	0.302	1.45	3.1	59	16.8
SZCOMP010		0.002	1.55	0.74	11.5	1	51.3	50.0	0.77	0.06	15.00	0.228	1.54	3.6	65	54.1
SZCOMP011		0.002	1.67	0.74	13.0	1	44.9	64.4	1.01	<0.05	17.10	0.265	1.30	4.1	81	13.5
SZCOMP012		0.002	1.18	0.49	13.7	1	46.3	46.8	1.00	0.05	15.60	0.306	1.66	3.7	80	9.2
SZCOMP013		<0.002	1.10	0.59	14.4	1	48.5	40.7	1.09	0.05	16.05	0.353	2.01	3.9	83	41.6
SZ003116		<0.002	<0.01	0.07	0.2	<1	0.3	48.0	<0.05	<0.05	0.08	<0.005	<0.02	0.2	2	0.1
SZCOMP014		<0.002	1.32	0.52	11.9	1	45.1	32.0	1.18	0.07	15.60	0.314	2.17	3.6	72	11.0
SZCOMP015		<0.002	0.65	0.59	14.7	1	45.4	34.5	1.10	<0.05	16.75	0.349	2.57	4.0	87	8.2
SZCOMP016		0.002	1.05	1.25	15.0	1	45.6	38.9	1.07	<0.05	17.75	0.335	2.65	4.0	91	16.4
SZCOMP017		0.002	1.15	0.77	13.8	1	37.0	34.1	1.03	<0.05	17.05	0.318	2.23	3.8	86	9.2
SZCOMP018		0.002	1.38	0.52	12.4	1	31.0	26.7	0.96	0.06	14.50	0.282	2.70	3.3	73	8.5
SZCOMP019		<0.002	1.21	0.52	14.5	1	36.0	34.0	1.11	0.10	16.65	0.326	1.97	3.8	84	16.0
SZCOMP020		0.002	1.20	0.75	14.3	1	36.4	33.7	1.11	<0.05	17.50	0.331	2.56	4.2	91	14.9
SZCOMP021		<0.002	1.36	1.77	11.5	3	35.9	34.8	0.74	0.08	14.35	0.223	1.49	3.2	65	11.7
SZCOMP022		<0.002	1.05	0.85	14.2	1	45.4	46.0	1.21	<0.05	15.65	0.322	1.81	3.8	83	29.6
SZ003136		0.006	>10.0	59.9	5.9	1	292	122.5	0.17	0.05	1.93	0.087	0.87	1.6	38	8.1
SZCOMP023		<0.002	0.87	0.52	14.7	1	30.6	38.3	1.39	0.05	17.25	0.371	2.49	3.7	86	47.0
SZCOMP024		<0.002	0.65	0.65	15.1	1	30.3	35.3	1.25	<0.05	16.25	0.378	3.08	3.8	84	14.8
SZCOMP025		0.002	1.31	1.49	14.9	1	36.5	99.0	0.98	0.08	15.65	0.315	2.50	3.7	89	17.2
SZCOMP026		0.003	1.43	0.75	14.9	2	33.7	36.4	0.94	0.06	16.30	0.321	2.47	3.6	95	12.2
SZCOMP027		0.004	1.14	0.39	15.2	1	23.7	28.2	1.02	0.05	16.20	0.332	2.62	3.7	94	9.3
SZCOMP028		0.002	1.05	0.34	14.1	1	25.3	29.7	1.17	0.05	17.25	0.337	2.49	3.8	85	8.4
SZCOMP029		0.002	1.09	0.27	13.4	1	27.2	28.5	0.94	<0.05	16.00	0.321	2.74	3.6	83	8.5
SZCOMP030		0.003	1.31	0.46	14.3	2	28.8	32.9	0.99	0.07	17.15	0.321	2.39	4.0	91	7.9
SZCOMP031		0.002	1.15	0.71	13.2	2	32.7	42.1	0.85	0.05	16.05	0.270	1.80	3.7	79	15.9
SZCOMP032		0.002	1.14	0.54	14.0	1	36.2	42.4	0.88	<0.05	17.10	0.266	1.89	3.8	81	16.8
SZ003155D		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
SZCOMP033		<0.002	1.05	0.38	14.5	1	27.1	45.4	1.04	<0.05	16.95	0.328	2.43	3.7	84	8.7
SZCOMP034		0.002	1.41	0.48	13.1	1	24.2	54.7	0.98	0.06	15.00	0.293	1.88	3.4	80	10.1
SZCOMP035		<0.002	1.23	0.45	12.8	1	27.1	37.1	1.12	<0.05	15.70	0.290	2.45	3.4	78	25.6
SZCOMP036		0.002	1.26	0.71	14.9	2	33.3	45.9	0.99	<0.05	17.10	0.306	2.51	3.8	91	11.7



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		Y	Zn	Zr	Zn	Sn
		ppm	ppm	ppm	%	ppm
		0.1	2	0.5	0.001	0.5
SZCOMP001		23.1	14	161.5		45.9
SZCOMP002		17.3	22	137.0		55.5
SZCOMP003		20.4	31	146.5		104.0
SZ003096		11.1	488	89.2		7540
SZCOMP004		20.2	28	147.5		68.5
SZCOMP005		21.5	20	137.5		82.3
SZCOMP006		20.8	15	139.0		73.6
SZCOMP007		21.3	15	158.5		70.8
SZCOMP008		20.2	11	140.0		56.2
SZCOMP009		20.1	14	137.5		78.0
SZCOMP010		20.7	19	134.0		120.5
SZCOMP011		23.2	18	159.5		61.2
SZCOMP012		21.1	18	152.0		60.1
SZCOMP013		21.3	18	156.5		55.6
SZ003116		1.1	6	1.0		0.7
SZCOMP014		21.9	17	158.0		54.4
SZCOMP015		20.8	13	166.5		50.2
SZCOMP016		21.6	14	161.5		51.7
SZCOMP017		19.4	12	157.0		44.7
SZCOMP018		17.4	16	146.0		36.7
SZCOMP019		20.0	13	161.0		39.3
SZCOMP020		21.3	11	173.5		43.4
SZCOMP021		24.3	80	135.5		60.0
SZCOMP022		22.1	22	172.5		55.8
SZ003136		7.2	>10000	30.9	1.570	>10000
SZCOMP023		23.6	24	171.5		31.5
SZCOMP024		23.8	14	171.0		32.5
SZCOMP025		21.4	16	154.5		42.3
SZCOMP026		19.7	26	154.0		37.1
SZCOMP027		19.8	11	161.5		26.5
SZCOMP028		20.6	11	166.0		30.4
SZCOMP029		19.5	11	152.5		30.1
SZCOMP030		21.4	12	164.0		31.6
SZCOMP031		20.8	15	151.5		42.4
SZCOMP032		20.6	14	153.5		50.1
SZ003155D		NSS	NSS	NSS		NSS
SZCOMP033		22.4	10	160.5		31.6
SZCOMP034		18.7	12	146.0		30.7
SZCOMP035		18.8	15	154.0		34.9
SZCOMP036		20.4	14	162.0		36.6



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		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
SZCOMP037		0.11	8.19	863	410	14.95	34.8	0.13	<0.02	92.3	29.9	54	27.4	415	4.41	23.4
SZCOMP038		0.02	8.30	35.5	400	16.15	4.56	0.11	<0.02	100.0	9.8	54	28.8	138.5	4.07	22.9
SZCOMP039		0.05	8.70	26.7	440	24.5	15.80	0.20	<0.02	99.4	12.2	57	30.5	203	3.91	25.3
SZCOMP040		0.07	8.59	120.5	420	43.3	26.4	0.21	<0.02	98.7	14.0	55	30.1	218	3.82	24.9
SZCOMP041		1.26	8.40	3320	320	12.10	78.8	0.68	1.21	92.2	98.6	56	13.40	1195	4.38	27.3
SZ003175		2.59	5.42	599	170	9.97	41.3	0.75	1.69	59.3	30.1	106	11.75	566	18.50	35.9
SZCOMP042		0.08	7.92	52.6	360	26.1	34.8	0.25	<0.02	91.3	12.0	50	22.0	232	3.71	21.9
SZCOMP043		0.07	8.69	212	470	18.90	27.7	0.34	<0.02	95.4	12.6	53	21.2	177.5	3.28	23.7
SZCOMP044		0.11	8.51	49.7	460	21.1	86.5	0.46	<0.02	97.7	12.1	54	19.90	295	3.92	24.1
SZCOMP045		0.33	7.31	755	360	12.05	51.1	0.42	<0.02	92.5	37.3	48	17.85	593	3.61	21.1
SZCOMP032D		0.19	8.44	1025	370	11.10	16.30	0.31	<0.02	106.0	12.5	55	20.9	447	3.80	24.8



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		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
SZCOMP037		0.16	4.3	0.304	3.40	44.5	38.4	0.77	149	1.52	0.13	13.3	26.4	510	2.8
SZCOMP038		0.15	4.5	0.233	3.41	47.6	37.2	0.88	229	1.22	0.08	16.2	19.7	470	1.9
SZCOMP039		0.16	4.5	0.400	3.75	46.3	44.0	0.70	164	1.42	0.12	14.5	18.9	620	2.6
SZCOMP040		0.15	4.4	0.498	3.64	49.1	45.3	0.71	206	1.38	0.12	15.9	21.3	470	3.4
SZCOMP041		0.19	4.3	0.801	2.29	43.4	29.2	0.83	278	1.51	0.32	12.7	20.3	450	27.2
SZ003175		0.19	2.5	3.13	0.83	27.3	56.2	1.61	1450	1.86	0.33	10.7	79.3	780	122.5
SZCOMP042		0.14	4.1	0.716	2.99	42.8	48.3	0.76	225	1.17	0.18	13.0	18.4	360	2.6
SZCOMP043		0.13	4.3	0.691	3.47	44.3	47.1	0.68	159	1.16	0.17	13.3	19.5	480	2.6
SZCOMP044		0.17	4.3	1.325	3.13	45.7	46.5	0.65	203	1.28	0.22	12.9	21.7	430	3.3
SZCOMP045		0.22	4.0	0.628	2.84	44.8	41.8	0.59	158	1.39	0.15	11.9	20.4	380	3.6
SZCOMP032D		0.15	4.4	0.259	3.04	48.7	36.3	0.74	108	1.41	0.20	11.9	20.9	390	2.1



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		Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1
SZCOMP037		0.003	1.55	0.51	13.6	2	31.5	33.6	0.85	0.05	16.60	0.289	2.72	3.7	85	9.3
SZCOMP038		<0.002	0.86	0.50	13.3	1	29.1	34.9	1.13	0.06	15.55	0.351	2.45	3.5	80	7.4
SZCOMP039		0.003	1.27	0.52	14.9	1	54.4	44.6	0.99	<0.05	16.50	0.317	2.37	3.8	88	9.5
SZCOMP040		0.002	1.27	2.18	14.4	1	48.2	42.5	1.05	0.05	15.90	0.334	2.52	3.6	86	10.1
SZCOMP041		0.005	1.41	8.11	13.6	3	68.5	44.3	0.82	0.06	18.75	0.273	1.61	3.9	81	330
SZ003175		0.002	8.13	15.75	17.5	1	121.5	91.4	0.64	0.05	6.63	0.319	1.49	1.8	126	7.1
SZCOMP042		0.002	0.74	0.74	12.2	1	34.7	37.4	0.91	<0.05	14.65	0.312	2.05	3.4	73	31.1
SZCOMP043		<0.002	0.92	0.68	13.3	1	39.3	56.7	0.93	0.06	16.30	0.318	2.11	3.5	81	11.8
SZCOMP044		0.002	1.13	0.71	13.6	2	45.2	77.2	0.83	0.08	16.10	0.298	1.91	3.4	80	16.9
SZCOMP045		<0.002	1.32	2.69	11.7	3	36.4	39.6	0.81	<0.05	14.30	0.274	1.99	3.4	70	11.1
SZCOMP032D		0.002	1.13	0.51	13.3	2	34.2	43.5	0.84	<0.05	16.75	0.272	1.85	3.6	81	15.9



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	Zn-OG62	ME-MS85
		Y	Zn	Zr	Zn	Sn
		ppm	ppm	ppm	%	ppm
		0.1	2	0.5	0.001	0.5
SZCOMP037		19.3	12	144.5		38.1
SZCOMP038		18.5	16	154.0		32.1
SZCOMP039		19.3	13	156.5		311
SZCOMP040		20.0	13	161.0		52.6
SZCOMP041		23.5	307	156.0		446
SZ003175		15.8	267	95.7		3470
SZCOMP042		19.5	23	157.0		39.8
SZCOMP043		18.9	14	152.5		50.2
SZCOMP044		20.7	21	149.5		51.2
SZCOMP045		20.6	14	153.5		52.0
SZCOMP032D		21.0	13	156.0		49.1



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	CERTIFICATE COMMENTS
	ANALYTICAL COMMENTS
Applies to Method:	NSS is non-sufficient sample. ALL METHODS
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Adelaide located at Unit 1, 1 Burma Road, Pooraka, Adelaide, SA, Australia. HOM-01
Applies to Method:	Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. Processed at ALS Brisbane Sample Preparation at 23 Pineapple Street, Zillmere, QLD, 4034, Australia ME-MS85
Applies to Method:	Processed at ALS Geochemistry located at 50 Baile Road, Canning Vale, Western Australia, Australia ME-MS61 ME-OG62 Zn-OG62