

Analytical Report

Job No: ALW008957
Client Ref: Written Request 29/07/24
Client Name: Hi Tech Silica WA
Date Reported: 16/09/2024
Authorised: Principal Scientist on 19/08/2024 All results refer to samples as received.

Element	SiO2-calc	Ag	Al	As	Au	B	Ba
Units	%	ppb	ppm	ppb	ppb	ppb	ppb
DL	0.0001	0.1	0.1	10	0.5	100	0.3
Scheme	IND13	IND13	IND13	IND13	IND13	IND13B	IND13
T6	99.95	2.6	81.8	< 10	2.9	775	6433
T7	99.95	6.4	65.9	106	< 0.5	568	6562
T8	99.98	9.8	54.7	165	< 0.5	311	5201

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Element	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	ppb	ppb	ppm	ppb	ppb	ppb	ppm
DL	0.1	0.1	0.05	0.1	0.02	0.2	0.01
Scheme	IND13	IND13	IND13	IND13	IND13	IND13	IND13
T6	14.6	3.9	66.66	5.3	260.5	38.8	0.31
T7	12.8	1.5	40.22	5.2	164.3	92.1	0.48
T8	10.9	4.3	31.1	5.4	149.6	74.9	1.04

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Element	Cs	Cu	Dy	Er	Eu	Fe	Ga
Units	ppb	ppm	ppb	ppb	ppb	ppm	ppb
DL	0.01	0.001	0.02	0.02	0.02	0.01	0.2
Scheme	IND13	IND13	IND13	IND13	IND13	IND13	IND13
T6	19.08	0.506	22.82	20.45	5.02	38.28	100.7
T7	6.97	0.929	33.91	26.95	4.38	89.23	27
T8	12.28	0.669	27.65	15.67	1.61	32.94	57.5

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Element	Gd	Ge	Hf	Hg	Ho	I	In
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
DL	0.02	1	0.01	0.05	0.02	10	0.01
Scheme	IND13	IND13	IND13	IND13	IND13	IND13	IND13
T6	19.25	464	119.5	4.19	5.96	588	13.61
T7	21.62	363	189.6	< 0.05	5.34	27	2.8
T8	13.05	534	114.2	39.41	3.57	195	9.72

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Element	K	La	Li	Lu	Mg	Mn	Mo
Units	ppm	ppb	ppm	ppb	ppm	ppm	ppb
DL	0.1	0.02	0.001	0.01	0.01	0.001	0.5
Scheme	IND13	IND13	IND13	IND13	IND13	IND13	IND13
T6	21.7	109.7	1.742	1.18	3.11	0.671	260.8
T7	20.3	100.2	2.601	4.09	8.92	1.151	198.4
T8	5.1	59.23	2.754	1.41	4.19	0.778	100.1

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Element	Na	Nb	Nd	Ni	P	Pb	Pd
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb
DL	0.1	0.1	0.05	2	100	0.5	0.5
Scheme	IND13	IND13	IND13	IND13	IND13	IND13	IND13
T6	14.3	441.9	110.4	324	3926	315.8	< 0.5
T7	34.7	53.1	105.2	621	3324	253.9	< 0.5
T8	38.3	79.8	41.91	561	3728	292.4	< 0.5

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Element	Pr	Pt	Rb	Re	S	Sb	Sc
Units	ppb	ppb	ppb	ppb	ppm	ppb	ppb
DL	0.02	1	0.1	0.1	0.1	0.1	1
Scheme	IND13	IND13	IND13	IND13	IND13	IND13	IND13
T6	28.26	< 1	325.2	< 0.1	12.5	75.7	27
T7	24.46	< 1	442.6	1.2	4.6	10	13
T8	17.84	< 1	311.3	0.3	31.8	28.4	< 1

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Element	Se	Sm	Sn	Sr	Ta	Tb	Te
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
DL	20	0.02	0.1	0.1	0.02	0.03	0.1
Scheme	IND13	IND13	IND13	IND13	IND13	IND13	IND13
T6	141	18.01	84.6	491	16.47	4.89	49.5
T7	30	22.4	71	701	8.17	3.38	3.3
T8	41	30.77	1.9	432.4	11.33	2.14	59.1

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Element	Th	Ti	Tl	Tm	U	V	W
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppb
DL	0.01	0.01	0.01	0.02	0.02	1	10
Scheme	IND13	IND13	IND13	IND13	IND13	IND13	IND13
T6	95.39	205.2	1.4	3.43	42.24	2264	235
T7	96.29	173.8	6.26	3.06	56.84	1599	462
T8	81.19	41.64	9.95	2.6	49.39	988	825

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Element	Y	Yb	Zn	Zr
Units	ppb	ppb	ppb	ppm
DL	0.01	0.05	20	0.001
Scheme	IND13	IND13	IND13	IND13
T6	170.2	16.97	1017	12.82
T7	194.8	27.15	2262	13.08
T8	103.9	13.65	189	15.71