Troy Minerals Reports Analytical Results from Table Mountain Silica Project, Identifying Broad High-Purity Zones

Vancouver, B.C. – February 6, 2025 - Troy Minerals Inc. ("Troy" or the "Company") (CSE: TROY; OTCQB: TROYF; FSE: VJ3) is pleased to announce that it has received results from a sampling and mapping program on its 100% owned Table Mountain Silica Project, located near Golden, British Columbia, Canada.

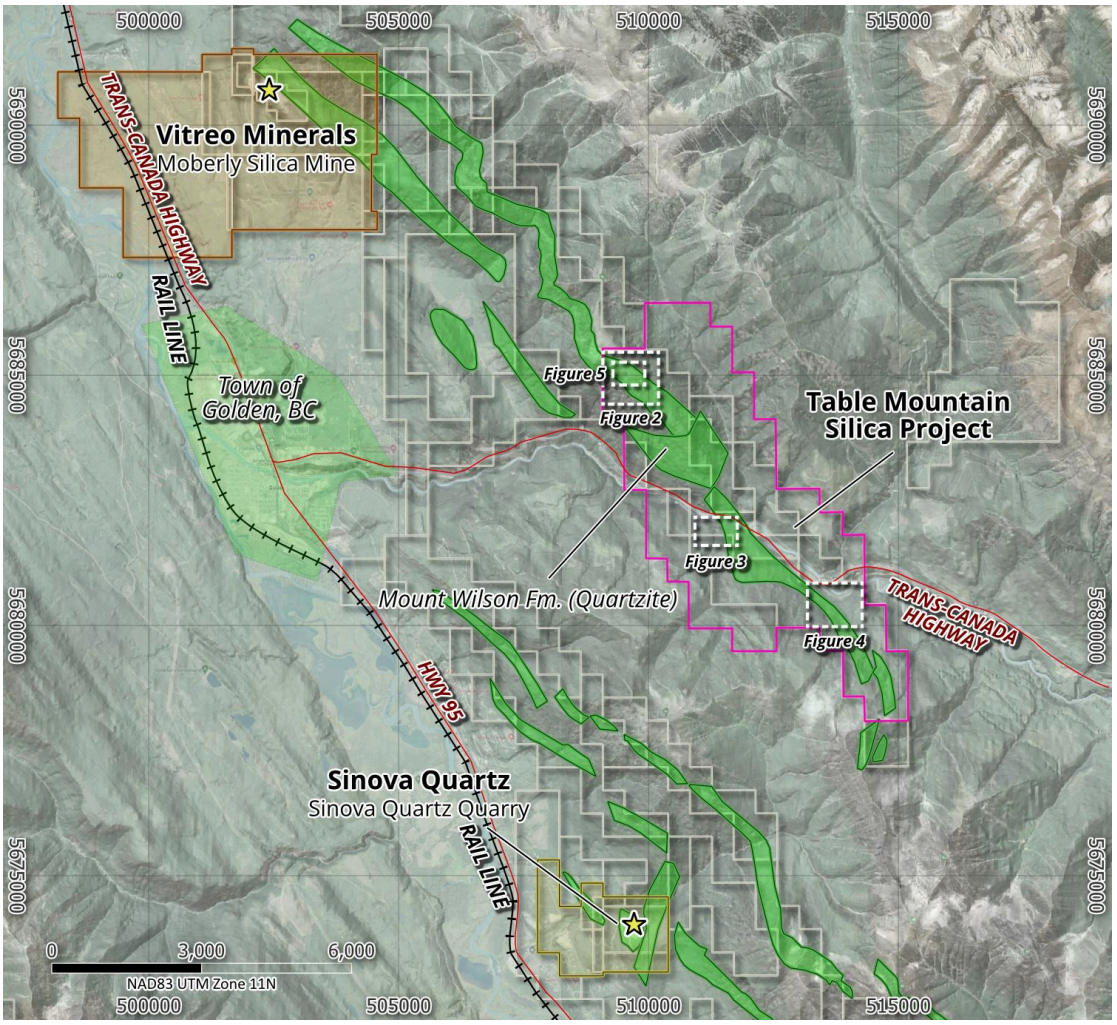
Key Highlights

- Three distinct zones of high-purity silica mineralization identified within the Mount Wilson Quartzite Formation.
- 98.86% SiO_2 over a total of 62.11 metres of channel sampling in five channels at the main Table Mountain Zone.
- Outcrop sampling returned 98.18% to 99.74% SiO_2 from 45 samples at Table Mountain Zone, 97.83% to 99.49% SiO_2 from 13 samples at South Zone, and 95.82% to 99.82% SiO_2 from 29 samples at Southeast Zone. *
- Very low deleterious elements identified in all samples.

President of Troy Minerals Inc., Yannis Tsitos commented: "These comprehensive maiden assay results validate the potential of Table Mountain as a key high-purity silica asset. Sampling confirmed the exceptional quality and consistency of silica mineralization across the Project. With grades reaching 98 to 99% SiO_2 across multiple zones of extensive outcrop exposure, and sampling ranging from 98.18% to 99.74% SiO_2 at the main Table Mountain Zone, we are rapidly advancing our understanding of this strategic asset. The Project's infrastructure advantages and proximity to existing silica operations further enhance its potential as we work to establish Troy as a significant player in the North American high-purity silica market, positioning the Company for long-term growth."

The sampling program consisted of both systematic grab samples and channel samples, with a total of 110 grab samples (107 outcrop and 3 float) taken within the property area and 70 channel samples collected from 62.11 metres within 74.16 metres of channels.

Figure 1. Index Map



Outcrop Sampling Results

Three main areas returned significant high-purity silica results: the Table Mountain Zone, located at the north end of the Property, the South Zone, and the Southeast Zone.

The most extensively sampled zone was the Table Mountain Zone, which returned an average grade of 98.90% SiO_2 from 45 grab samples (42 outcrop, 3 float), with values ranging from 98.18% to 99.74% SiO_2. Additionally, from these samples the following average values were returned: 0.31% Fe_2O_3, 0.01% CaO, 0.14% Al_2O_3, 0.02% MgO, 0.01% TiO_2, 0.01% P_2O_5, and 14ppm boron. See **Figure 2 and Table 1**. *

Figure 2. Table Mountain Zone Outcrop Sampling - %SiO_2

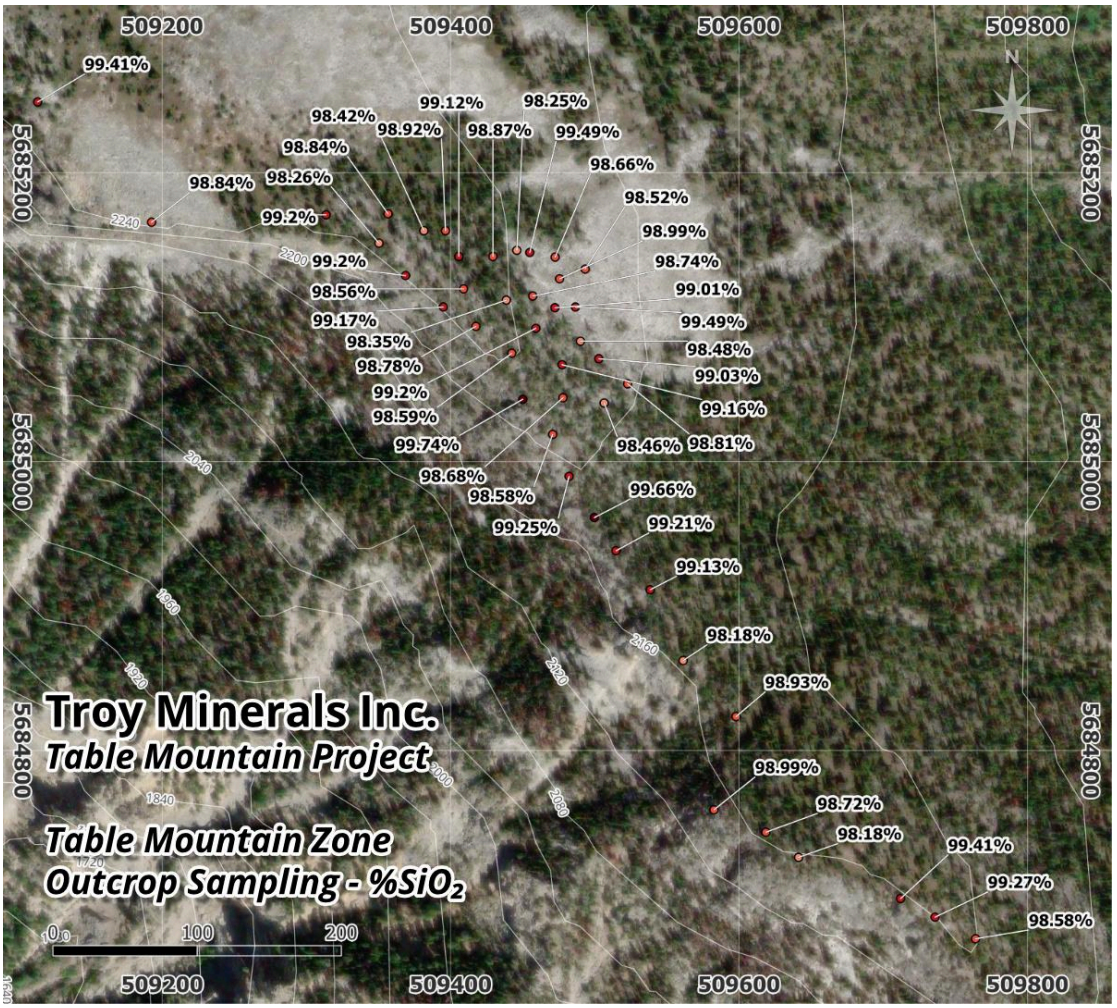


Table 1. Table Mountain Zone Outcrop Samples

Sample #	Easting (m)	Northing (m)	SiO_2 (%)	Al_2O_3 (%)	CaO (%)	Fe_2O_3 (%)	MgO (%)	P_2O_5 (%)	TiO_2 (%)	B (ppm)
299516	509114	5685249	**99.41**	0.11	0.02	0.39	0.01	<0.01	<0.01	6
299517	509193	5685166	**98.84**	0.14	0.01	0.23	0.02	<0.01	<0.01	8
299518	509314	5685171	**99.20**	0.10	0.01	0.25	0.02	<0.01	0.01	10
299519	509350	5685151	**98.26**	0.12	0.01	0.35	0.01	<0.01	0.01	15
299520	509369	5685129	**99.20**	0.13	0.01	0.21	<0.01	<0.01	0.03	16
299521	509395	5685107	**99.17**	0.15	0.01	0.27	0.02	<0.01	0.01	8
299522	509418	5685094	**98.78**	0.23	0.02	0.26	0.01	<0.01	0.01	12
299523	509442	5685075	**98.59**	0.14	0.02	0.26	<0.01	0.01	0.01	12
299524	509450	5685043	**99.74**	0.07	0.01	0.30	0.01	0.01	0.01	6
299525	509471	5685019	**98.58**	0.04	0.01	0.36	0.01	0.01	0.01	7
299526	509482	5684990	**99.25**	0.14	0.02	0.27	0.04	0.01	0.01	7
299527	509500	5684961	**99.66**	0.16	0.02	0.31	0.02	0.01	0.01	7
299528	509515	5684938	**99.21**	0.14	0.01	0.32	0.02	0.01	0.01	7
299529	509538	5684911	**99.13**	0.11	0.01	0.27	0.03	0.01	0.01	21
299530	509561	5684862	**98.18**	0.25	0.01	0.31	0.03	0.01	0.01	7
299531	509598	5684823	**98.93**	0.27	0.02	0.36	0.03	0.01	0.01	7
299532	509583	5684759	**98.99**	0.09	0.01	0.30	<0.01	0.01	0.01	7
299533	509619	5684743	**98.72**	0.16	0.01	0.35	0.02	0.01	0.01	14
299534	509641	5684726	**98.18**	0.30	0.01	0.33	0.04	0.01	0.02	15
299535	509712	5684697	**99.41**	0.13	0.01	0.30	0.02	0.01	0.01	7

299536	509736	5684685	**99.27**	0.11	0.01	0.33	0.02	0.01	0.01	7
299537	509764	5684670	**98.58**	0.13	0.02	0.36	0.03	0.01	0.02	8
299548	509306	5685510	**99.32**	0.14	0.01	0.29	0.01	0.01	0.01	18
299560	509476	5685127	**98.99**	0.13	0.01	0.32	0.03	0.01	0.02	27
299561	509472	5685107	**99.01**	0.05	0.01	0.32	0.01	0.01	<0.01	18
299562	509457	5685115	**98.74**	0.15	0.01	0.26	0.01	0.01	0.02	28
299563	509439	5685112	**98.35**	0.20	0.02	0.34	0.02	0.01	0.01	27
299564	509459	5685092	**99.20**	0.09	0.01	0.32	<0.01	0.01	0.01	21
299565	509487	5685107	**99.49**	0.09	0.01	0.28	0.03	0.01	0.02	28
299566	509490	5685083	**98.48**	0.25	0.02	0.35	0.01	0.01	0.01	26
299567	509503	5685071	**99.03**	0.11	0.02	0.34	0.02	0.01	<0.01	21
299568	509477	5685067	**99.16**	0.10	0.01	0.30	<0.01	0.01	<0.01	18
299569	509478	5685044	**98.68**	0.10	0.01	0.32	0.03	0.01	<0.01	20
299570	509506	5685041	**98.46**	0.43	0.02	0.32	0.06	0.01	0.01	29
299571	509523	5685054	**98.81**	0.13	0.01	0.31	0.03	0.01	0.01	22
299572	509382	5685160	**98.42**	0.09	0.01	0.29	0.01	0.01	0.01	23
299573	509397	5685160	**98.92**	0.11	0.01	0.36	<0.01	0.01	<0.01	18
299574	509406	5685142	**99.12**	0.09	0.01	0.30	0.02	0.01	<0.01	17
299575	509409	5685120	**98.56**	0.14	0.01	0.37	<0.01	0.01	<0.01	21
299581	509357	5685172	**98.84**	0.08	0.02	0.32	<0.01	0.01	0.01	18
299582	509429	5685142	**98.87**	0.15	0.01	0.29	<0.01	0.01	0.02	8
299583	509446	5685146	**98.25**	0.33	0.02	0.33	0.03	0.01	0.03	17
299584	509455	5685145	**99.49**	0.11	0.02	0.27	<0.01	0.01	0.01	5
299585	509473	5685142	**98.66**	0.08	0.01	0.36	<0.01	0.01	<0.01	6
299586	509493	5685133	**98.52**	0.05	0.01	0.29	<0.01	0.01	<0.01	<5

Note: *299548, 299584, and 299585 are float samples taken near outcrop.*

The South Zone, comprising 13 high-grade quartzite outcrop grab samples averaged 98.80% SiO_2 with values ranging from 97.83% to 99.49% SiO_2. These samples averaged 0.28% Fe_2O_3, 0.13% CaO, 0.13% Al_2O_3, 0.02% MgO, <0.01% TiO_2, 0.02% P_2O_5, and 6ppm boron. See **Figure 3 and Table 2**. *

Figure 3. South Zone Outcrop Sampling - %SiO_2

Table 2. South Zone Outcrop Samples

Sample #	Easting (m)	Northing (m)	SiO_2 (%)	Al_2O_3 (%)	CaO (%)	Fe_2O_3 (%)	MgO (%)	P_2O_5 (%)	TiO_2 (%)	B (ppm)
248351	511603	5682006	**98.60**	0.28	0.08	0.25	0.04	0.01	0.01	15
248352	511563	5681948	**99.45**	0.15	0.02	0.22	0.02	0.01	<0.01	6
248353	511552	5681948	**99.01**	0.19	0.03	0.29	0.04	0.01	0.01	9
248354	511551	5681951	**99.09**	0.11	0.02	0.22	0.03	0.01	0.01	6
248355	511530	5681940	**98.74**	0.09	0.02	0.23	<0.01	0.01	<0.01	6
248356	511522	5681942	**98.82**	0.08	0.01	0.31	<0.01	0.01	<0.01	<5
248357	511512	5681951	**98.31**	0.09	0.01	0.24	0.01	0.01	0.01	5
248358	511485	5681948	**98.14**	0.13	0.28	0.32	0.03	0.01	0.01	8
248359	511461	5681935	**99.49**	0.11	0.02	0.30	0.02	0.01	<0.01	10
248360	511436	5681932	**99.06**	0.03	0.05	0.25	0.01	0.02	<0.01	5
248361	511444	5681918	**99.42**	0.07	0.01	0.29	0.02	0.01	<0.01	6
248362	511440	5681942	**97.83**	0.32	0.73	0.36	0.03	0.03	0.01	8
248364	511374	5682002	**98.43**	0.09	0.43	0.36	<0.01	0.16	<0.01	<5

The Southeast Zone, comprising 29 high-grade quartzite outcrop grab samples, returned an average of 98.52% SiO_2 with values ranging from 95.82% to 99.82% SiO_2. Average values for other constituents were: 0.35% Fe_2O_3, 0.07% CaO, 0.30% Al_2O_3, 0.06% MgO, 0.02% TiO_2, <0.01% P_2O_5, and 26ppm boron. See **Figure 4 and Table 3**.*

Figure 4. Southeast Zone Outcrop Sampling - %SiO_2

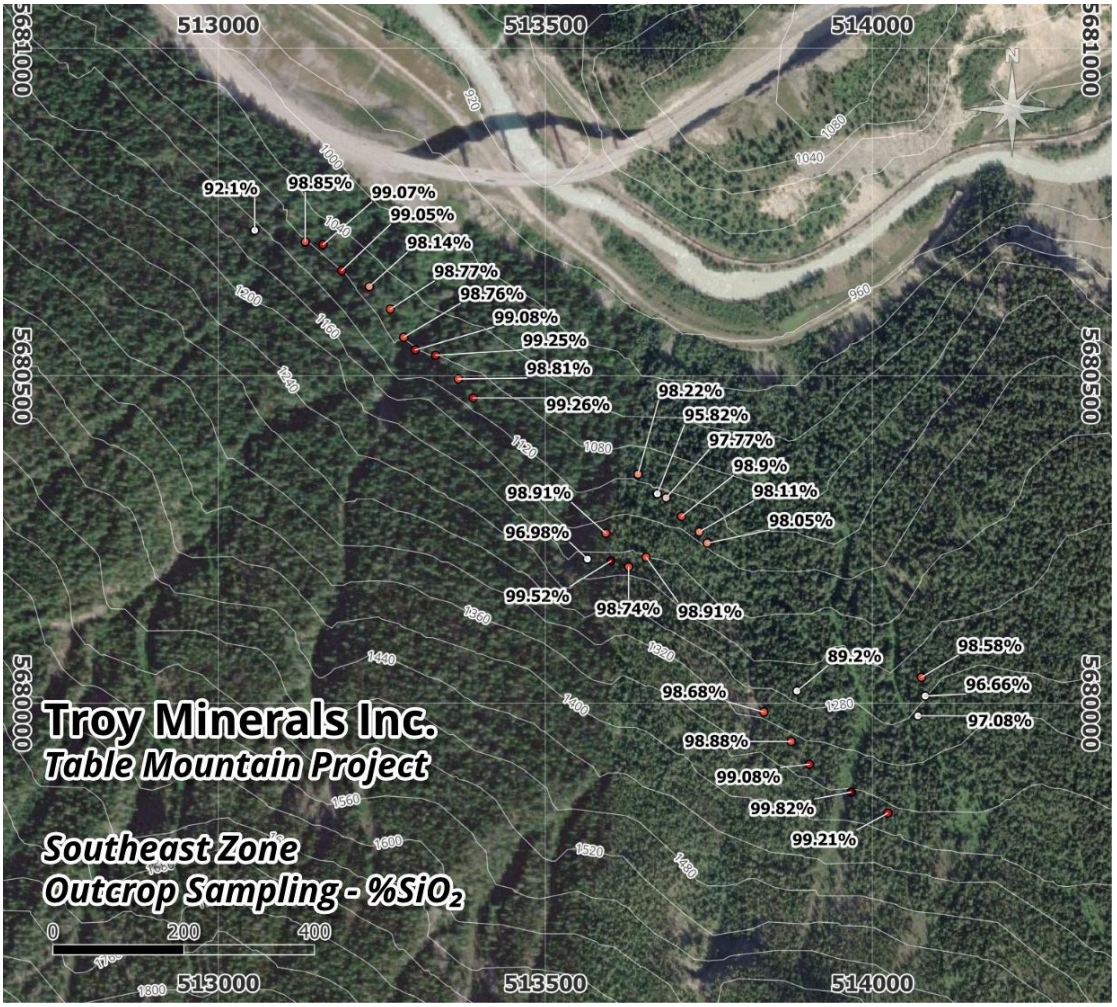


Table 3. Southeast Zone Outcrop Samples - %SiO_2

Sample #	Easting (m)	Northing (m)	SiO_2 (%)	Al_2O_3 (%)	CaO (%)	Fe_2O_3 (%)	MgO (%)	P_2O_5 (%)	TiO_2 (%)	B (ppm)
248384	513642	5680350	**98.22**	0.37	0.21	0.41	0.14	0.02	0.03	27
248385	513671	5680320	**95.82**	0.57	0.69	0.51	0.52	0.02	0.03	30
248386	513685	5680313	**97.77**	0.48	0.05	0.37	0.05	0.01	0.03	30
248387	513708	5680285	**98.90**	0.36	0.02	0.35	0.04	<0.01	0.03	30
248388	513735	5680261	**98.11**	0.32	0.03	0.31	0.04	<0.01	0.03	35
248389	513748	5680244	**98.05**	0.49	0.03	0.30	0.03	<0.01	0.01	28
248390	513654	5680223	**98.91**	0.13	0.01	0.27	0.04	<0.01	0.01	29
248391	513627	5680208	**98.74**	0.09	0.02	0.30	0.02	<0.01	0.02	27
248392	513600	5680217	**99.52**	0.06	0.02	0.32	0.03	<0.01	0.01	23
248393	513564	5680220	**96.98**	1.04	0.05	0.33	0.07	0.03	0.07	41
248394	513592	5680259	**98.91**	0.30	0.13	0.35	0.13	<0.01	0.02	31
248395	513390	5680466	**99.26**	0.11	0.02	0.35	0.03	<0.01	0.01	25
248396	513367	5680495	**98.81**	0.12	0.07	0.34	0.04	<0.01	0.01	25
248397	513332	5680531	**99.25**	0.08	0.02	0.37	0.01	<0.01	0.01	26

248398	513301	5680539	**99.08**	0.15	0.21	0.33	0.04	<0.01	0.01	27
248399	513283	5680559	**98.76**	0.07	0.09	0.36	0.02	<0.01	0.01	22
248400	513263	5680602	**98.77**	0.08	0.01	0.29	<0.01	<0.01	0.01	24
299501	513231	5680636	**98.14**	0.15	0.02	0.41	0.02	<0.01	0.01	26
299502	513188	5680660	**99.05**	0.20	0.02	0.27	<0.01	<0.01	0.01	27
299503	513160	5680700	**99.07**	0.16	0.02	0.31	0.02	<0.01	0.01	27
299504	513133	5680705	**98.85**	0.13	0.02	0.26	0.01	<0.01	0.01	26
299508	513834	5679986	**98.68**	0.15	0.03	0.26	0.02	<0.01	0.01	21
299509	513876	5679941	**98.88**	0.23	0.03	0.27	0.04	<0.01	0.03	34
299510	513904	5679907	**99.08**	0.05	0.02	0.29	<0.01	<0.01	0.01	11
299511	513968	5679864	**99.82**	0.15	0.02	0.27	0.02	<0.01	0.01	23
299512	514023	5679832	**99.21**	0.12	0.02	0.29	0.03	<0.01	0.03	10
299513	514070	5679980	**97.08**	1.11	0.02	0.75	0.09	0.01	0.05	18
299514	514081	5680011	**96.66**	1.27	0.02	0.43	0.05	0.01	0.07	26
299515	514075	5680039	**98.58**	0.26	0.07	0.45	0.07	0.01	0.03	14

The remainder of samples were either taken near the contacts of the adjacent units or from non-quartzite outcrops of the adjacent Glenogle shale (east contact) and Beaverfoot dolomite (west contact) and were not included in the statistical summary of the quartzite samples taken.

Channel Sampling Results

Channel sampling was conducted at the Table Mountain Zone, with results consistently similar to the outcrop sampling results. Sampling procedure consisted of continuous chip sampling along a 3-centimetre cut channel. Samples were taken continuously over 1-metre intervals perpendicular to the strike orientation of the outcrop, with the sample sequence starting from the southwest end of the channel. Intervals shorter than 20 centimetres were combined with the previous interval. 66 continuous chip channel samples were collected over 62.11 metres within 74.16 metres in five channels, returning a weighted average of 98.86% SiO_2.

Four additional duplicates were taken as QA/QC checks and passed validation. Sample density is sufficient to indicate the accurate representation of the underlying mineralization.

See **Figure 5 and Table 4** below.

Figure 5. Channel Sampling Locations - Table Mountain Zone

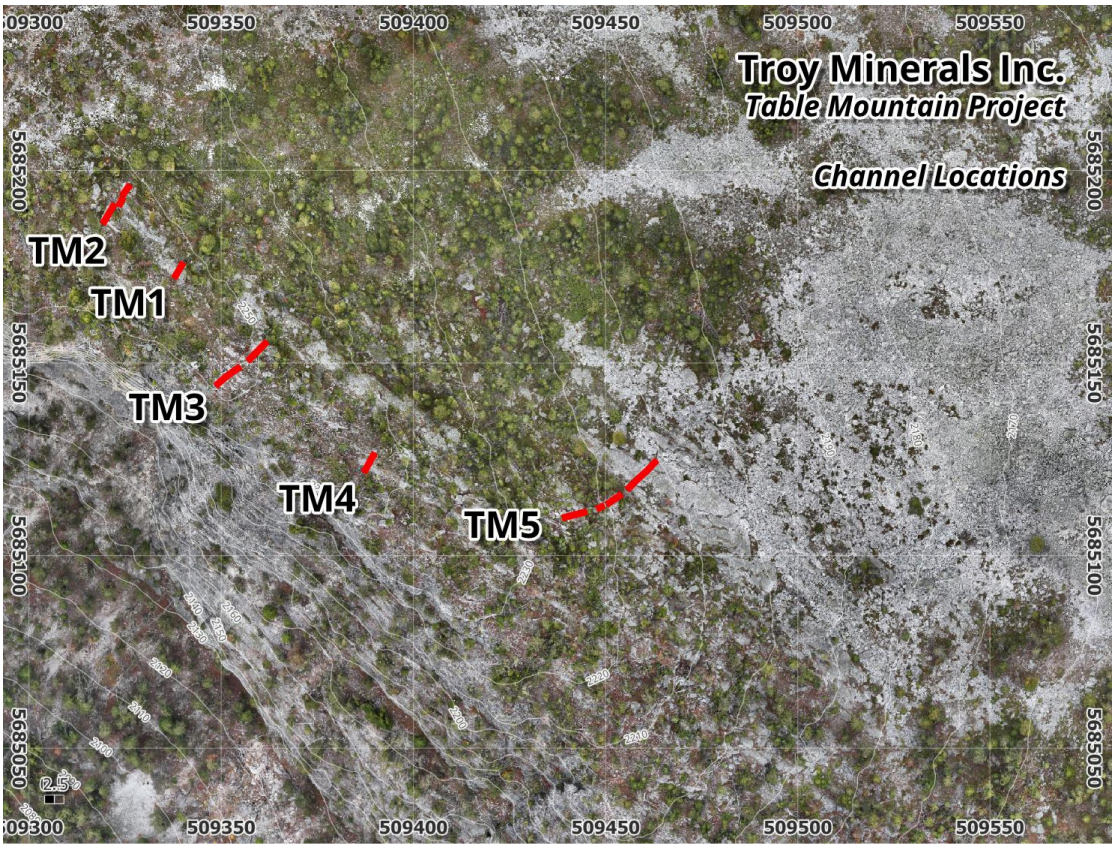


Table 4. Table Mountain Zone - Channel Sampling

Channel	From (m)	To (m)	Interval (m)	SiO_2 (%)	Al_2O_3 (%)	CaO (%)	Fe_2O_3 (%)	MgO (%)	P_2O_5 (%)	TiO_2 (%)	B (ppm)
TM1	0.00	4.74	4.74	**98.83**	0.15	0.01	0.30	0.01	0.01	0.01	24
TM2	0.00	5.80	5.80	**98.88**	0.10	0.01	0.33	0.01	0.01	0.01	10
	5.80	6.30	0.50	Overburden							
	6.30	8.83	2.53	**98.90**	0.10	0.01	0.30	0.01	0.01	0.02	7
	8.83	9.38	0.55	Overburden							
	9.38	13.0	3.62	**99.21**	0.09	<0.01	0.35	0.01	0.01	0.02	11
TM3	0.00	7.60	7.60	**99.03**	0.11	<0.01	0.32	0.01	0.01	0.02	7
	7.60	10.20	2.60	Overburden							
	10.20	11.00	0.80	**99.08**	0.11	<0.01	0.27	0.01	0.01	0.02	6
	11.00	11.90	0.90	Overburden							
	11.90	18.00	6.10	**98.79**	0.11	<0.01	0.29	<0.01	0.01	0.02	10
TM4	0.00	5.22	5.22	**99.09**	0.09	<0.01	0.33	<0.01	0.01	0.02	12
TM5	0.00	3.80	3.80	**98.82**	0.15	<0.01	0.29	<0.01	0.01	0.04	15
	3.80	4.50	0.70	Overburden							
	4.50	7.00	2.50	**98.85**	0.12	<0.01	0.31	0.02	0.01	0.02	20
	7.00	10.20	3.20	Overburden							
	10.20	12.00	1.80	**98.77**	0.09	<0.01	0.34	0.01	<0.01	0.01	12
	12.00	13.00	1.00	Overburden							
	13.00	17.50	4.50	**98.30**	0.15	0.09	0.34	0.02	<0.01	0.01	13
	17.50	20.10	2.60	Overburden							
	20.10	33.20	13.10	**98.81**	0.11	<0.01	0.31	0.01	<0.01	0.01	9

Discussion

Sampling results within the zones were consistently high purity, with the northern Table Mountain Zone returning the best and most consistent grades. The favourable grades reflect field observations of a broad zone of white quartzite measuring at least 150 metres wide and a strike length extending from the Trans-Canada Highway to the south and to the north, beyond the northern end of the Property, representing a total strike length of at least 4 kilometres. Although the western cliff face of Table Mountain clearly demarcates the western margin of the Mount Wilson Formation quartzite, the eastern margin is obscured by a deep boulder field originating from the extensive, steep quartzite exposure in this area.

Channels sampling results demonstrated a consistency in grade over a wide area within the Table Mountain Zone.

All samples were submitted to ALS Laboratories in North Vancouver, British Columbia for B-MS82L (boron) and ME-XRF26 (all other elements). Four sample duplicates were taken in the channel sampling sequence, and passed QA/QC.

**** Cautionary Note***

The reader is cautioned that grab samples are selective by nature and may not represent the true grade or style of mineralization across the property.

About the Table Mountain Project

The Table Mountain Silica Project comprises 2,304 hectares located 4 kilometres east of Golden, B.C., with excellent year-round access and proximity to the Canadian Pacific Railway Golden Rail Yard. The property hosts up to 10 kilometers of regionally mapped strike length of the Mount Wilson Formation, with apparent widths ranging from 300 to 1,400 metres at surface. The project is strategically positioned near both the Moberly Silica Mine and Sinova Quartz silica quarry, which exhibit economic grade silica greater than 99.6% SiO_2 purity.

Qualified Person

Technical information in this news release has been reviewed and approved by Case Lewis, P.Geo., a "Qualified Person" as defined under NI 43-101 Standards of Disclosure for Mineral Projects and a director of the Table Mountain Project vendor.

About Troy Minerals

Troy Minerals is a Canadian based publicly listed mining company focused on building shareholder value through acquisition, exploration, and development of strategically located "critical" mineral assets. Troy is aggressively advancing its projects within the silica (silicon), vanadium, and rare earths industries within regions that exhibit high and growing demand for such commodities, in both North America and Central-East Asia. The Company's primary objective is the near-term prospect of production with a vision of becoming a cash-flowing mining company to ultimately deliver tangible monetary value to shareholders, state, and local communities.

ON BEHALF OF THE BOARD,

Rana Vig | CEO & Director
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Forward-Looking Statements

Statement Regarding Forward-Looking Information: This release includes certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical facts, that address events or developments that Troy Resources Inc. (the "Company") expects to occur, are forward-looking statements. Forward-looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects", "plans", "anticipates", "believes", "intends", "estimates", "projects", "potential" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occur. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results may differ materially from those in the forward-looking statements. Factors that could cause the actual results to differ materially from those in forward-looking statements include results of exploration activities may not show quality and quantity necessary for further exploration or future exploitation of minerals deposits, volatility of commodity prices, and continued availability of capital and financing, permitting and other approvals, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. Forward-looking statements are based on the beliefs, estimates and opinions of the Company's management on the date the statements are made. Except as required by applicable securities laws, the Company undertakes no obligation to update these forward-looking statements in the event that management's beliefs, estimates or opinions, or other factors, should change.

The Canadian Securities Exchange has not reviewed this press release and does not accept responsibility for the adequacy or accuracy of this news release.