Troy Minerals Files Technical Report for the Maiden Inferred Resource Estimate for High-Purity Silica at Table Mountain Project, BC

Vancouver, British Columbia – August 12, 2025 – Troy Minerals Inc. ("Troy" or the "Company") (CSE: TROY; OTCQB: TROYF; FSE: VJ3) is pleased to provide notice that a National Instrument 43-101 technical report ("NI 43101" or "Technical Report") on the maiden Inferred Mineral Resource Estimate ("MRE" announced on June 30, 2025) for high-purity silica at its 100%-owned Table Mountain Project ("Table Mountain" or the "Project"), located (Figure 1) near Golden, British Columbia, has now been filed.

The Technical Report, "NI 43-101 TECHNICAL REPORT ON THE TABLE MOUNTAIN PROJECT, Golden Mining Division, British Columbia, Canada" has an Effective Date of June 30, 2025 and is available on SEDAR+ and on corporate web site www.troyminerals.com.

Key Highlights (as announced on June 30, 2025 and presented in the Technical Report)**:**

- Inferred Mineral Resource of 56,945,602 tonnes Inferred at an average grade of 98.91% SiO_2, with very low levels of impurities. Overall analytical sampling results range from 95.82% to 99.82% SiO_2.

- The resource remains open along strike and at depth. Future exploration is expected to further expand the resource base and upgrade portions of the MRE to higher confidence categories.

Yannis Tsitos, President of Troy, said "We are delighted to file the Technical Report in support of the previously disclosed maiden MRE for our Table Mountain high-purity silica project in BC, which marks another significant step for the Company. The size and quality of the Inferred geological resources, as well as the excellent local infrastructure with the Trans-Canada highway crossing the Project and the main railway being only 4 km away provide the foundation for our management to look after our next exploration and development steps for Table Mountain."

This maiden MRE, prepared in accordance with NI 43-101 standards, consists of an Inferred Resource of 56,945,602 tonnes of quartzite grading an average of 98.91% SiO_2. The results establish Table Mountain as a significant high-purity silica deposit in British Columbia and mark a major milestone in Troy's development of this critical mineral asset. The resource is comprised of an extensive quartzite (silica) bed of the Ordovician Mount Wilson Formation and remains open for expansion along strike and at depth with further exploration.

MRE Overview

The initial MRE (Table 1) was prepared by Ray GeoConsulting Corporation ("RGC") in accordance with the 2014 Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Definition Standards and Canadian National Instrument 43-101 ("NI 43-101"). RGC is independent of Troy Minerals Inc.

Figure 1. Location of the Table Mountain High-Purity Silica Project

The following is the current Mineral Resource Estimate as at June 30, 2025 (the "Effective Date").

Table 1. Mineral Resource Estimate (MRE) Summary

Zone	Category	Tonnage (t)	Grade (% SiO_2)
Table Mountain	Inferred	56,945,602	98.91

Notes:

1. *CIM (2014) definitions were followed for Mineral Resources.*

2. *Bulk density within the quartzite unit is 2.766 t/m³.*
3. *No recovery, dilution, or other similar mining parameters have been applied. No cutoff grade has been applied.*
4. ***Brian Ray, P.Geo. of RGC, an independent Qualified Person** who prepared the initial MRE is not aware of any environmental, permitting, legal, title, taxation, socio-economic, marketing, political, or other relevant factors that could materially affect the Mineral Resource estimate.*
5. *Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. The Inferred Mineral Resource in this estimate has a lower level of confidence than that applied to an Indicated Mineral Resource and there is no certainty that the Company will be able to convert inferred mineral resources to higher confidence categories, however it is reasonably expected that the majority of the Inferred Mineral Resource could potentially be upgraded to an Indicated Mineral Resource with continued exploration.*

Following the completion of this encouraging maiden resource, Troy Minerals is moving swiftly to advance the Table Mountain Project toward further development and the Company is outlining the necessary work program to maximize the project's value.

Next Steps

- **Phase II Exploration Program:** Planning is underway for a follow-up sampling campaign as well as a drilling campaign aimed at expanding the resource and upgrading a portion of the Inferred resource to Measured and Indicated categories. The programs will test the continuity of high-grade silica mineralization beyond the currently established zones and at depth, where the deposit remains open.

- **Metallurgical Testing & Economic Studies:** The Company will initiate comprehensive metallurgical testing (including purity analyses and process trials on bulk samples) to confirm that the Table Mountain silica meets specifications for high-end industrial uses. Subsequent to metallurgical testing, Troy intents to initiate scoping, economic studies.

About the Table Mountain Project

The Table Mountain Silica Project is located approximately 4 kilometres east of Golden, B.C., Canada, with excellent year-round road access and proximity to the Canadian Pacific Railway's Golden rail yard (Figure 2). The property covers roughly 2,304 hectares, encompassing up to 10 kilometres of regionally mapped strike length of the Mount Wilson Formation quartzite, with widths ranging from 300 to 1,400 metres at surface. Table Mountain is strategically situated near two established high-purity silica operations – the Moberly Silica Mine and the Sinova Quartz Quarry – both of which demonstrate silica purity greater than 99.6% SiO_2. This advantageous location highlights the project's potential to become a significant source of high-purity silica in a region known for hosting premium-quality silica deposits.

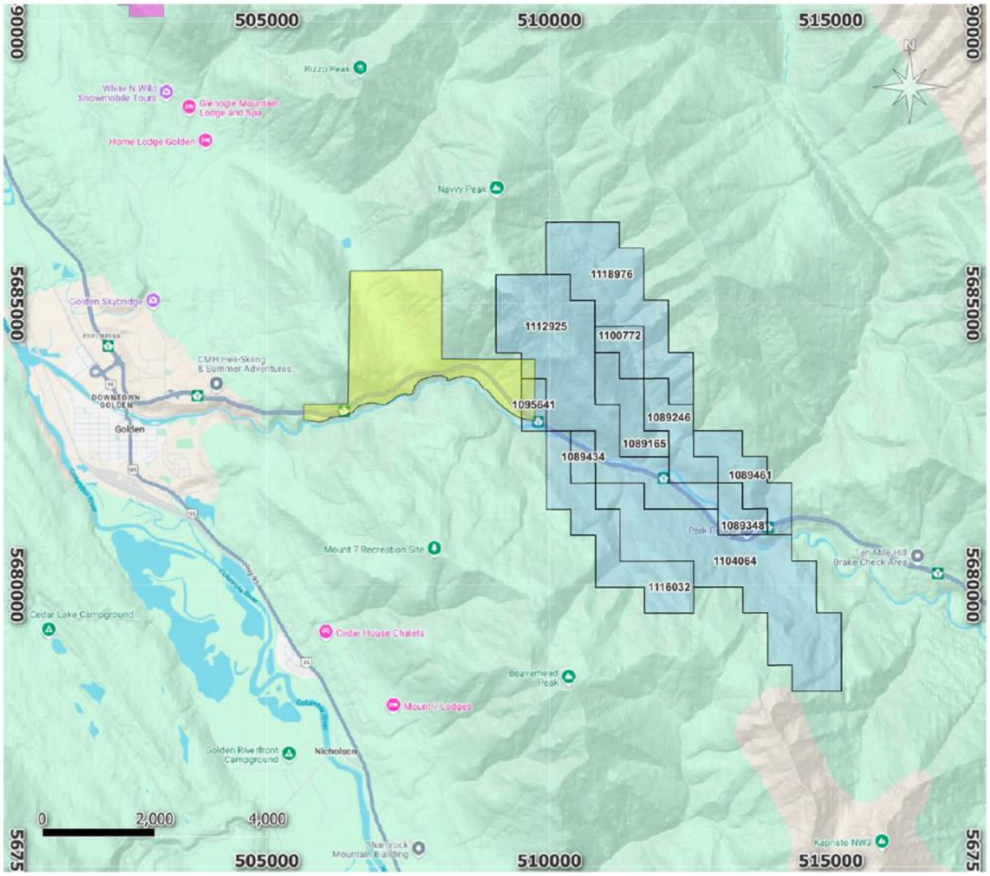

Figure 2. Property Boundary and Access

Qualified Person

Technical information in this news release has been reviewed and approved by Brian Ray, P.Geo., who is independent of Troy and a "Qualified Person" as defined under NI 43-101 Standards of Disclosure for Mineral Projects.

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), scandium, 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 deliver tangible monetary value to shareholders, state, and local communities.

ON BEHALF OF THE BOARD,

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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.