

Prospecting Work Plan 2025

Project: Quartzite Lake 2025

Inuit Owned Land Parcel:

WC-08

NTS Sheet Numbers:

Quartzite @ 055L07

KIA License Number:

Requesting Approval from NPC, NIRB and KIA

Proposed by: John Tugak

Date: January 6, 2025

Quartzite Lake Project 2025

Prospector: John Tugak

KIA License: Requested for Review and Approval

Travel to Destination: Travel to location by Float Plane on August 2-4, 2025

NTS Map Sheet: 055L07

Inuit Owned Land Parcel: 055L07

Target to prospect: To engage in rock sampling within IOL Parcel WC-08. To sample approximately 30 fist size rocks and provide reports to KIA and Nunavut Prospecting Program.

NUMIN Website Report: Online report for Cache Zone has information of gold within this parcel. See below...

Zone: **Cache Zone**
Reserve Date: **SEP/10, 1990**
Comments:
Sample Type: **Drill Core**
Sample Weight:
Calculation Method: **Unknown**

<u>Reserve Type</u>	<u>Grade</u>	<u>Unit</u>	<u>Commodity</u>	<u>Quantity</u>	<u>Units</u>
Inferred	9.26	g/t	Gold	362,872.00	t

- Drill indicated reserves of 489,879 tonnes @ 9.26 g/t Au. - The Cache Zone is a shear-hosted gold showing at the contact of intermediate and felsic breccia units with mafic flow units. Mineralization is confined to 4 main zones across a 50 to 75 m width of the shear that has been traced on surface for greater than 5 km. Mineralization is characterized by visible gold in a quartz vein stockwork with coarse euhedral pyrite and minor pyrrhotite, chalcopyrite, sphalerite and galena. Visible gold is found in wide (up to 3 m) E-W trending quartz veins as well as within fine, north-south trending, chlorite filled quartz/carbonate stringers associated with sericite and ankerite alteration of the intermediate tuffs. Some veins are boudinaged and appear to have an alteration haloe of intense ankerite, sericite and coarse grained euhedral pyrite over 3 to 15 cm from the fracture (083569). Helmstaedt (Internal Report for Placer Dome, 1992) suggests that alteration patterns predate deformation of the shear. It is also suggested that the intensity of the potassic (sericite) alteration increases in proximity to the quartz-feldspar porphyry dome immediately to the south of the Cache Zone (083176). Post emplacement deformation has resulted in remobilization of the mineralization and re-deposition of free gold into subhorizontal extension veins (083176). - In summary: Gold bearing quartz-pyrite-carbonate veins in altered and sheared intermediate volcanic rocks in the vicinity of a massive QFP dome. OR: Mineralization is coincides with the contact between felsic and intermediate-mafic volcanics N of and stratigraphically above a massive QFP dome (but nothing to do with the dome).

Prospecting Additional Information: On August 2, 2025 we travel to location by float plane from Arviat, set up camp and prospect the location known as Cache Zone, Windy Zone and QFP Zones until August 4, 2025.

Note that we do not need any motorized vehicles during the prospection and no gasoline needed. All garbage and waste to be brought back to the community.

Prospector: John William Tugak