

Rainbow-Tam
824818 - O'Shanter
- Wildrose

DATE: July 31, 1991
TO: Dave Heberlein
COPIES TO: Alex Davidson, Ian Pirie, Mary McDowell
FROM: Cam Clayton
RE: July Monthly Report

Brenda General: No property exams were conducted during the month of July. Exams for August include a property in the Grand Forks area belonging to Jack Lucke (skarn target?), and the Lightning Peak property.

Rainbow-Tam O'Shanter/Wildrose: Enthusiasm waned early this month with the discovery of old reports outlining extensive exploration and drilling on the now not so newly discovered Tam porphyry system. However, compilation of the data indicates the area was explored as a Cu-Mo prospect rather than for Cu-Au, as evidenced by the lack of Au analyses from drill core. Furthermore, the style of drilling (high localised drill density) did not fully assess the area for bulk tonnage potential. The area still has excellent potential as a Cu-Au system.

July saw the extension of the Tam north grid further to the east to cover this area up to the claim boundary. Outcrop exposure in this area is limited, however a number of anomalous results are worth mentioning. Sample 1MTMT054, a sample of leuco-diorite, returned 7256 ppm Cu and 1450 ppb Au. Sample 1MTMT061, a magnetite vein within diorite, returned 12962 ppm Cu, and 762 ppb Au, while sample 1MTMT062 of diorite in the area returned 2645 ppm Cu and 328 ppb Au. Soil sampling has recently been completed over the grid extensions and results will be compiled shortly.

Work on the Wildrose property began in July with approximately 20 kilometres of line extended from the Tam grid to cover the Wildrose property at 200 metre line spacings. Soil sampling has been completed over the extensions, and mapping and rock sampling have almost been completed. A number of sulphide veins on the

property that have been worked in the past have been "rediscovered" during the mapping. These are in addition to the known Wildrose sulphide vein along the main access road. The veins are of two types: massive magnetite with associated chalcopyrite, and sheeted, shear hosted semi-massive pyrite and chalcopyrite. These vein systems may be directly related to porphyry activity on the Tam grid. Of interest is a massive magnetite, chalcopyrite vein hosted in a quartz eye porphyritic tuff or possible dyke swarm.

Mapping of the southern-most lines across Wildrose has uncovered exposures of impure limestone and strongly foliated calcareous sediments near microdioritic intrusions. This area has been mapped regionally in the past as Permian Knob Hill chert, grey argillite, siliceous greenstone and minor limestone. It is suggested here that these units belong to the Triassic Brooklyn Formation which hosts skarn mineralization in the Greenwood area. The extent of the limestone unit has yet to be traced, and its relationship to nearby intrusive activity must be determined. No skarn alteration assemblages were seen in this unit at its place of exposure.

Gail: Could you pass a copy of this onto Alex, Ian, and Dave. It contains some crucial information about geology in the Greenwood area. Just another example of the literary, intellectual, and geological stimuli we must endure in this area, to make us very special people.