

→ Windy Craggy

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Please deliver the following message:

TO: Bruce Downing
Geddes Res.
Van.

FROM: Tom Schraeter
GSB
Vancouver

COMMENTS: Re: 'Tatshenshini' River Area - Paper
Good work!
- only a few minor suggestions
(see attached)

Tom

POTENTIAL

"The map area has good potential for exploration targets as many new occurrences have been recorded in previously unexplored areas" (Minfile Report).

Potential deposits of economic importance where reserve estimates have been calculated include the Windy Craggy massive Cu-Co-Au-Ag-Zn sulphide (Geddes Resources Limited), O'Connor gypsum (Queenstake Resources) and the Maid of Erin Cu-Ag (Falconbridge Ltd.). Other significant deposits include the East Arm massive Cu-Au-Ag sulphide deposit (Lac Minerals) which may contain up to several hundred million tons, Tats massive Cu-Au-Ag sulphide (Geddes Resources Limited),????????? Limited placer mining is conducted during the summer months at Squaw Creek.

The mineral potential for Cu, Au, Ag, Pb, Zn, Mo and gypsum is acknowledged by the various individual and company prospectors and geologists who have worked in the area over the past several years.

Exploration History

Between 1957 and 1965, exploration by the Ventures-Falconbridge group discovered at least 100 in-place and float occurrences of significant mineralization in addition to Windy Craggy. Unfortunately, the more interesting of these consist largely of scattered float whose source has yet to be located. Several coal and high-grade gypsum deposits were also discovered, one of the latter of which may be close to development. Regional exploration was activated again by Geddes Resources Limited in 1989 and 1990 under the direction of J. McDougall with several new occurrences located.

TATSHENSHINI RIVER AREA

The Tatshenshini area (NTS 114P mapsheet) still remains unmapped by any systematic government geological survey. The Geological Survey of Canada commenced '4 mile' regional mapping of the Tatshenshini map sheet in the late 1970's conducted by R. Campbell and Chris Dodds. Their preliminary maps have been published as open file reports. The B.C. Geological Survey has published several accounts of the local Windy Craggy area since 1981 (MacIntyre), but have not conducted any systematic mapping surveys in the area. Mapping has been carried out by Falconbridge and Geddes geologists on a local basis.

General and published references to the Tatshenshini River include the mineral inventory map 114P, mineral deposit land use map, assessment report index, publications index of the BCGS, and GSC memoir 268. Other publications include a PhD and BSc thesis and various GRL reports.

The mineral potential of the Tatshenshini area is largely unknown due to remoteness and rugged topography, limited access and high cost of doing exploration which all have an impact upon the costs of mining if something of significance is discovered. A mineral deposit land use map was compiled in 1973, ^{by the Provincial Department of Mines} and ~~which has not~~ ^{unfortunately it has} been updated. The mineral inventory map shows scattered mineral localities and at present contains 84 recorded mineral occurrences. ^{Recent} Compilation of data and maps on the Tatshenshini area is sparse as there is very little government data to compile. Data available in the government files consist predominantly of various company's exploration and prospecting surveys and assessment work as required by government regulations to maintain mineral tenure on claims.

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MacIntyre, D.G., 1984, Geology of the Alsek-Tatshenshini Rivers Area (114P), Geological Fieldwork, 1983, Paper 1984-1, pp173-184.

Mineral Occurrences in the Mount Henry Clay Area

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Claim Maps, BCEMPR.

Mineral Deposit - Land Use Map, 114P & O, Tatshenshini River & Yakutat, 1973.

Mineral Inventory Map 114P (Minfile), Tatshenshini River, 1988.

MacIntyre, D.G., 1986, The Geochemistry of Basalts Hosting Massive Sulphide Deposits, Alexander Terrane North west British Columbia (114P), pp. 197-210

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