

chlorite(?) respectively. The Ootsa Lake volcanics erupted 50 million years ago for a period of 1 million years (Diakow and Mihalynuk, 1987).

34 km Right on Tagit Road

2 km on Tagit Hard left at 3-way junction

2.5 km on Tagit Right fork in cut block

0.8 km on Tagit fork- Stop at base of hill (edge of cutblock) walk up to outcrop and stripped area

Stop 11: Copper Star - Bulkley granodiorite stock with porphyry copper mineralization

The stock is a medium grained biotite-hornblende granodiorite that is similar to the mineralized stock at the Huckleberry and Poplar deposits. In places, the intrusion contains disseminated chalcopyrite without any associated pyrite. Here, fractures in the stock contain hydrothermal biotite and chalcopyrite. In the stripped area, a NNE trending granodiorite dike cuts biotite hornfels that is laced with a series of generally northwest-striking chalcopyrite veins. Highest copper grade in Bulkley stocks tends to occur at the margin of the stock and in biotite-hornfelsed country rocks.

Doublestar Resources Ltd. and Gold Ore Resources Ltd. are about to begin an exploration drilling program, under an earn-in agreement with Misty Mountain Gold Limited (a Hunter Dickinson Group company). Misty Mountain optioned the claims in 2000 from Ed and Gerry Westgarde of Houston, who staked the property in 1998. Misty Mountain performed 67 line kilometres of induced polarization and soil geochemistry. Stop 11 is within the largest of five anomalies delineated by the IP survey, it is more than 3 km long by 1 km wide. It is interesting to note that copper mineralization was discovered here by Canadian Superior Exploration in the 1970 era but no geophysical work or drilling was done.

Return to Morice FSR, turn right at Km 27

27.5 km Left on Carrier Road

5.5 km on Carrier Road, stop on side of road at trenches

Stop 12: Silver Sleeper Copper-Silver Showing, related to a Nanika Stock?

Feldspathic tuff of the Telkwa Formation is cut by a network of hairline fractures to centimetre wide drusy quartz-calcite veins containing euhedral galena, fine tetrahedrite and yellow-green sphalerite. The absence of wallrock alteration indicates that this was a low temperature event. Pyrite is notably absent and as a result of the basic weathering chemistry, azurite is the main secondary copper mineral instead of malachite. Silver is the principal metal of interest, sampling of the road cut returned 388 g/t silver and 1.99% copper over 32 metres. A stratigraphic control to mineralization is suggested from drilling data. The copper-silver zone occurs near the top of the tuff, which dips gently south, and is capped by argillite. The tuff is underlain by typical Telkwa Formation volcanic rocks, exposed on the hills to the south.

Ed and Gerry Westgarde and Barry Hofsink (Houston prospectors) own mineral claims on this prospect. It was known previously as the Eric property and was explored by Equity Silver Mines in 1991-1993. The best drill hole graded 258 g/t silver and 0.5% copper over 8.8 metres.

From: SEX G. Field Trip - Sep. 13/01
" Geology & Metallogeny
of the Smither - Houston Area

" Stop 2 "

+ minor
MoS₂

WESTGARDE COPPER PROPERTY

OPEN

Chargeability
(msec)



Limit of I.P. Survey

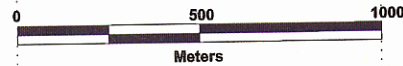
Outcrop 1

Outcrop 3

Outcrop 2

SEE TMD
Sect. 13/01
(TGP)

OPEN



CHISHOLM

LAKE

ROAD

10000 N

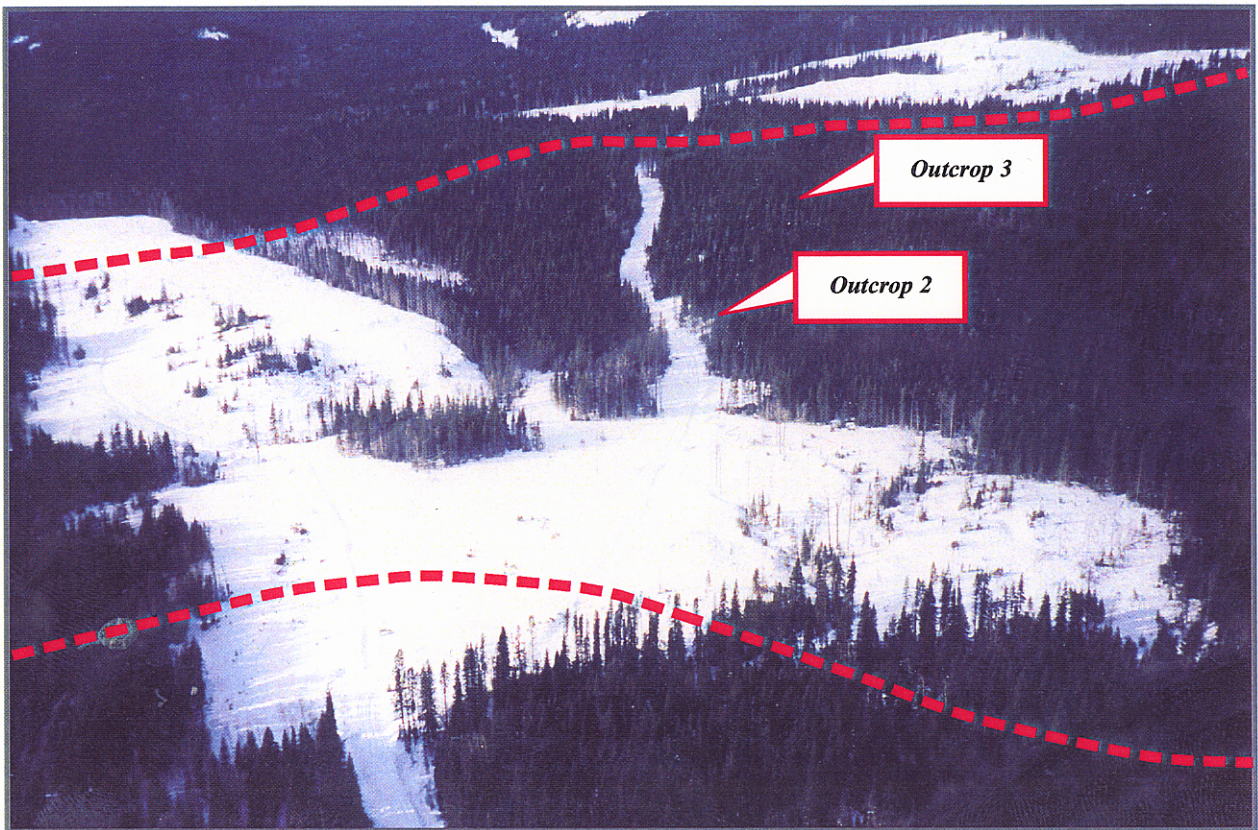
9000 N

STOP II

"AN I.P. SURVEY OVER PART OF THE WESTGARDE PROPERTY HAS OUTLINED EXTENSIVE ZONES OF ANOMALOUS CHARGEABILITY."

I.P. Targets

WESTGARDE COPPER PROPERTY



“VIEW TO THE NORTHWEST SHOWING OUTLINE OF MAJOR I.P. ANOMALY AND COPPER MINERALIZED OUTCROPS 2 AND 3.”

*Copper Outcrops and
Major I.P. Anomaly Location*