

820790

0925/10W

Sept 27/90

Chip claims - Grab Samples Analysed.

- CH-1 - massive sulphide frag in rhyolite fragmental.
- CH-2 - massive sulphide float to west; near QP - end of day.
- CH-3 " " " " " " " " " " " "
- CH-4 - massive sulphide - part of frag Gord has to cut
v.f.gr. py \pm ap? - well-bedded.
- CH-5 - high-grade sph-gn-py stringers in sed. - same area that
Goldpac had Zinc stringers from. - high grade
- CH-6 - trench #1 - drop-off - cp-py-sph-gn stringers
chips out of trench - shallow DDH under trenches
- CH-7 - sph-py-cp stringers in upper trench - within sed? - ser-cl
schists. - c.gr. sph with q.v.'s.
- CH-8 - cp-py stringers to S of QP - sulphide frags - first stop
with chopper. high grade.

Oct. 16/90.

Chip claim

name	record #	tag #	units	expiry date
CHPI	4175	112561	20	Nov. 26, 1989

- Hurley R. Fm - upper Triassic - roof pendant in Coast plutonic complex.

Date: Oct. 26, 1990

To: AJD

Copies to: IDP, file

From: G.S. Wells

Subject: Chip Claims - NTS 92 J/10W

John Kopusta and I visited the Chip claims with John and Gord Leask on September 27, 1990 to examine several sulphide showings that they had discovered. The property is located 13 km south of Bradome and is accessible by helicopter from Pemberton. A recent logging road has been constructed along Noel Creek and ends within 2 km of the eastern edge of the property (see attached Figure). All of the claim group occurs in the alpine at elevations ranging between 6500 and 7500 feet. The original CHIP claim consists of 20 units but the Leask brothers staked an additional 20 units to cover the ^{southeastern} strike extent of the volcanic package the day after our visit.

The property is underlain by a roof pendant of volcanics and sediments that occurs within the Coast Range plutonic sequence.

Steeply dipping chloritic, biotitic and sericitic metasediments occur on the northern edge of the claims near the granite contact. The central portion of the Chip claim is underlain by relatively fresh QP flows and a rhyolite fragmental that contains massive pyrite fragments.

Numerous sulphide occurrences are present on the property.

Narrow (< 1 m), high-grade Cu-Pb-Zn stringers have been discovered in the metasediments and grab samples (CH-5, 6, 7, 8) have yielded high base metal and anomalous Ag, Au values.

The most interesting rock unit exposed on the property was a rhyolite fragmental that contains massive pyrite fragments.

Some of these sulphide fragments are as large as 0.5 m by 0.5 m but most are in the 10 cm by 10 cm ^{size} range. Analyses of two of these fragments (CH-1 and CH-4) yielded low base and precious metal values. A traverse along the north slope of the

central QP ridge uncovered several float boulders of finely bedded massive pyrite (CH-2,3) but again metal values are low.

Our first stop of the day was in the cirque to the south of the main QP body to examine float boulders with pyrite-chalcopyrite mineralization. Previous assays of this material have yielded values as high as 13.65% Cu, 0.097 opt Au and 5.89 opt Ag. Sample CH-8 was taken from the same boulder field and it assayed 9.48% Cu, 575 ppb Au and 1075 ppm Ag.

Although the geological environment on the Chip claims is right for the occurrence of massive sulphides, the close proximity of the Coast granites to areas with metal-enriched stringers and quartz veins is worrisome. The lack of base and precious metal values for the massive sulphide fragments also detracts from the potential of the property.