

To: Laramide Resources

From: Ivor Watson, I. M. Watson & Associates Ltd.

RE: SMITH CLAIM, Lara Property, Chemainus, B.C.

September 12, 1995

Iron formalion

• The Smith claim was staked to cover a chert-hematite gold bearing exhalative zene exposed in two showings 1000 metres apart. The exhalative strikes north-west and dips north-east, and crosses the valley of Chipman Creek. (See accompanying plan)

The Lady A and Lady C 'showings' have been plotted using locations mapped by Falconbridge (1:10,000 geological compilation), as these appear to agree with the observed positions on the ground. The locations plotted by Laanella in his report on the Ermelina claims are definitely very inaccurate.

A third outcrop of hematite bearing basic volcanics has been mapped by Falconbridge on the western side of the power line, 400m south of the presumed Lady A location.

It is recommended that the location of the Lady A and C showings and the 'third' hematite occurrence be accurately determined and plotted.

As plotted the south-easterly projection of the Lady iron formation passes about 500m north of the Randy North sulphide zone, ~3000m to the south east.

 Outcrops observed about 500m north of the south-east corner of the Smith claim, indicate that favourable rhyolite outcrops at least 1200m north of the most northerly occurrences mapped by Falconbridge/Minova, and some 600m north of the postulated Cameron/Myra Formation contacts.

If this is so there is a much greater area of unexplored favourable lithology than was previously interpreted by both company and government geologists.

- There is a dearth of geological information in the area of the Smith claim and along the north-westerly extension of the Randy Zone. Identification of a sulphide target down-section of the Lady iron formation exhalite will require detailed mapping of these areas to establish:
  - 1. the distribution of the Myra formation
  - 2. the extension of the Lady exhalite formation
  - 3. any major fold axes which might occur between the Randy and Lady zones.

## The approach should be:

- acquisition of the most up-to-date air photos of the area for geological/structural interpretation, and identification of outcrops and old logging roads.
- preliminary mapping/prospecting using access roads, and examination of outcrops identified from the air photo study.
- 3. fill-in mapping by selected traverses to augment the preliminary mapping where desirable. It is recommended that the 1993 TRIM 1:20,000 digital topo maps, or enlargements of these be used as . base maps. Costly and time-consuming grid mapping should be avoided unless necessary.
- 4. geochemical sampling should be carried out in conjunction with the mapping programme, but should be restricted to sampling of interesting outcrops, until or unless a favourable area has been identified that merits grid soil or humus (see Smee Abermin geochemical reports) sampling.

utcrop area in the south-eastern portion of the Smith claim) by trail bike.					
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