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Date: May 10/88 Time: 11:15 am

Please deliver the following message:

TO: Bill Mc Millan
BCGS
3rd Floor - 756 Fort St,
VICTORIA

FROM: Tan Schraeter
BCGS
Vancouver

pk. note comment re-walker.

COMMENTS: Re: DEBBIE Write-up
- my quick contribution. other pertinent
data in Property Files (Victoria) - 92F-331 - Prospectuses
of
SMFs

Number of pages 5 including cover sheet.

* Write-up must be approved by
Richard W. I. ~~et~~

MINERALIZATION and ALTERATION

The Debbie/Yellow adjoining properties occur in the vicinity of the major NNW trending Beaufort Range fault which is interpreted to be a strike-slip fault. Locally, strong N-S faults transect the properties, predominantly the Mineral Creek Fault which follows Mineral Creek on the north and south sides of China Creek. Structural repeats may exist (eg. Rogers Creek showing a $\frac{1}{2}$ a Mineral Creek).

The favourable geologic belt of Myra Formation rocks extends for over 25 kilometres in a NNW trending direction through the Debbie/Yellow property and has an estimated thickness greater than 450 metres. On the Debbie property, three main structurally controlled mineralized zones with vein-type gold mineralization have recently been identified: Mineral Creek, 900, and Linda. The Mineral Creek and Linda zones trend southwards towards the Yellow property, which hosts the old Vancouver Island Gold Mine which operated intermittently between 1896 and 1939 and reportedly yielded 11044 grams of gold, 1617 grams of silver and 88 kilograms of copper from 438 tonnes of ore. Other auriferous vein type occurrences in the region include Black Panther, 3-W, and Havilah. Elsewhere on the Debbie property, exhalative massive sulphide targets have been identified most notably the REGINA workings. Other examples of volcanogenic massive sulphide deposits in similar settings regionally include the Lynx, Myra, and H-W deposits at Butte Lake, Twin J, Lara and Thistle.

Most of the significant showings on the Debbie property that have been worked on to date occur south of McLaughlin Ridge on or near the Mineral Creek drainage. The Mineral Inventory map for map sheet 92F (Alberni) shows MI No. 92F-079 as Victoria which includes the old Vancouver Island Gold Mine. Thus, the Mineral Creek, Linda, and 900 Zones would be located in the same vicinity and may

deserve (require) separate numbers.

Mineral Creek Zone (In part, Mineral Inventory 92F-079 - Victoria)

The Mineral Creek fault structure has been traced for several kilometres in a north-south direction along Mineral Creek and Yellow Creek. On the Upper Mineral Creek Zone (Debbie property), gold with arsenopyrite is spatially related to the Mineral Creek fault zone which hosts rocks locally referred to as 'gougy cataclastite' (Richard Walker, pers. Com., 1988). Native gold occurs in discrete quartz veins and fine grained gold occurs in association with ankerite, sericite, quartz, pyrite and minor arsenopyrite within a broader zone of alteration. This zone appears to trend southwards towards the Vancouver Island Gold Mine where mineralization occurs in the hanging wall block. The Zone is characterized by its rusty colour and occasional clots of green fuchsitic material and sulphides (primarily pyrite). Sulphide content ranges up to 15% by volume but is generally low. Host rocks outside the alteration zone include pyroxene basalt and mafic volcaniclastics with minor interbedded rhyolite lenses of →

900 ZONE The 900 Zone is located west of Mineral Creek (Fig.?) where host rocks include pyroxene aphyric basalt, flow top breccias, tuff wackes and banded chert. The mafic volcanic rocks exhibit a strong lineation and the chert unit, which might be termed a 'lean iron formation' with magnetite at the base, is locally strongly isoclinally folded. Folds appear to plunge SSE. Auriferous quartz veins in the form of a stockwork underlie the chert horizon with a pipe-like morphology. Native gold, pyrite, magnetite and trace arsenopyrite occur in quartz veinlets within chert and red jasper and also

in narrow carbonate veinlets which crosscut quartz veinlets.

Diamond drill hole 50-87 intersected 13.5 metres grading 39 grams gold per tonne, including ^{7.7} metres grading 61.8 grams gold per tonne. (Northern Miner Dec. 8, 1987).

LINDA ZONE The Linda Zone is located approximately 800 metres east of the Mineral Creek zone and consists of a series of quartz veins which crosscut the Mineral Creek zone and in turn are truncated by younger shearing. The Linda Zone might be the northern extension of the Vancouver Island Gold Mine (R. Walker, pers. com., 1988).

REGINA ZONE (Mineral Inventory 92F-078)

The Regina Zone, located south of China Creek on the east side of the southern extension of the Mineral Creek fault structure, consists of lenses and veinlets of quartz with pyrite, chalcopyrite and minor galena with gold and silver values in shears in silicified and pyritized basalt. The basalt lies beneath rhyolite which may have been a felsic dome, locally a jasper (chert) unit exists.

ROGERS CREEK ZONE (Mineral Inventory 92F-331-Debbie)

The Rogers Creek zone, located on the north side of McLaughlin Ridge, consists of stratabound mineralization (sphalerite and galena) in chlorite ± sericite schist contained within a sequence of mafic volcanic rocks.

WORK DONE: approx. 42,000 m of diamond drilling in past 1½ yrs. in 242 drill holes

PROPOSED WORK: collar an ^{exploration} adit on Yellow Creek to provide access to the previously drilled Mineral Creek gold zone for detailed drilling and metallurgical bulk sampling, and access to adjacent vein structures for detailed drilling

Vom Schuster May 10/88

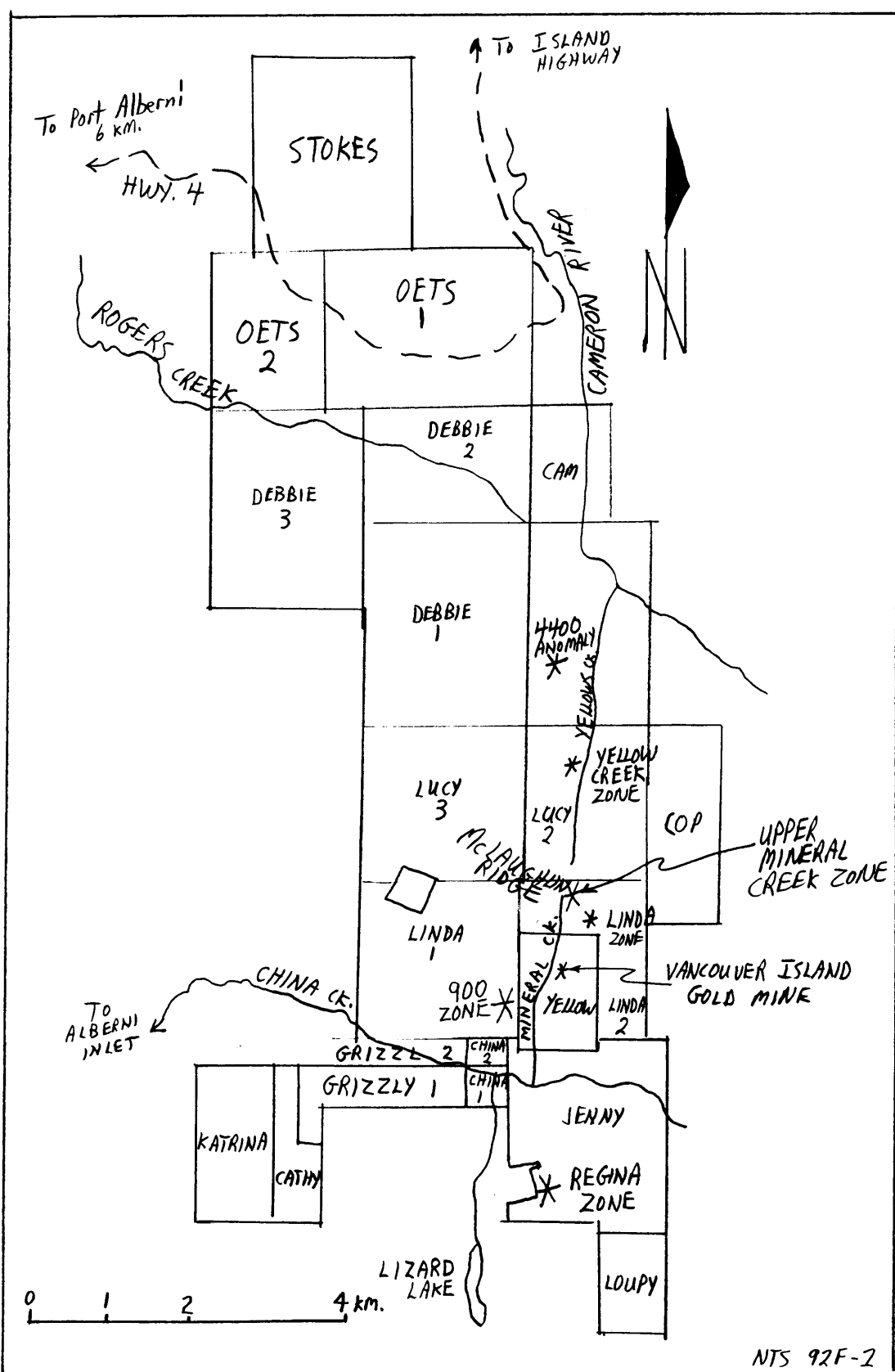


Fig. . Sketch map showing locations of major mineral prospects on Yellow claim and Debbie property (all other claims with names).