SUMMIT LAKE

826982

92F/2

Date: Oct 1st, 1983
Date Rexam: Sept 28th, 1983
Examined by: I DPierce
Alleat Prov: Port Alberni, VI, BC.
NTS: 92F/2 SE
Deposit type: vein
Commodities: Au (Ag)

Name of Prop: SUMMIT LAKE

Summary of Conc. & Rec:

Diffic potential ~~for~~ a vein type Au deposit. Intriguing geology vis à vis massive sulphide potential. May be necessary to reconsider at a later date in light of CFC's Sicker volcanics recce program.

Actin taken:

GENERAL INFO.

Location: 20 km SE of Port Alberni, Vancouver Island

Mining Div: Victoria

Lat: Long: 49° 06' 30", 124° 35' UTM 384300 E 5440500 N

Access: Helicopter. Possible access from logging road 1km east.

Size of Property:

Approx 170 units, 30 km² (Includes Raft, High Grade vein, Black Lion & Black Panther prospects). May be subdivisable

Ownership: Owned directly or under option by Dode Resource Corporation 1020-475 Howe St, Vancouver.

Geographic Setting:

Semi-alpine, located at approximately 1300m elevation on the divide between China Creek and Nithat River. Quite flat in area of showings but drops off steeply north and south. Three small cirque lakes occupy the saddle summit, one of which covers part of the vein system.

History & Prod:

First staked in 1938-39, but believed known since the early 1890's when prospectors sought the source of placer gold being worked lower on the creek (China Creek) by Chinese. Some trenching done but no other development. About 1km north along the same structure the Golden Eagle property has seen extensive drifting but no recorded production.

Development:

None.

GEOLOGY

Regional:

(Rare as per 'High Grade' and 'Raft')

Prospect: Quartz-carbonate veins with minor py (cp-gn) are erratically distributed in well bedded andesitic tuffs. No distinct mineralized zone has yet been identified although occasional assays of 1 oz/t Au or more have been obtained over narrow widths. In general the volcanics appear very 'tight' and unfractured. 5 drillholes merely confirmed the erratic nature of the auriferous veinlets.

Of some interest is the presence of well bedded volcaniclastic and epiclastic rocks which suggest that this may be Myra Formation. Local graphitic horizons, similar to those found on Mount Sicker, are present, however no felsic volcanics accompany them.

Prospect (cont): (80-4,5)

Two holes drilled immediately north of Summit Lake ^1) not seen on this visit, are described as containing long intersections of red coloured heratitic and jasperoidal volcanics with up to 15% pyrite, chalcopyrit and minor galena. No significant Au, Ag values were obtained, but it is not known if base metals were analyzed for.

Samples Taken:

BCS 167 Graphitic zone from near the contact between well bedded andesitic tuffs and volcaniclastics/epiclastics 1-2% PJ.

Size potential:

very little.

Economic / Environ Concs.

NA.

Conclusions & Recommendations

Au values, although quite high, are too erratically distributed and over too narrow widths to be minable. Unless a structural zone with sufficient dilatancy to allow vein formation could be found, there seems little potential of significant grades and tonnages being developed.

The drilling done has provided useful data on the local geology. The presence of graphitic zones in well bedded tuffs, volcaniclastics and epiclastics suggests a similar environment to the Western Buttle Lake deposits. Unusual sulphide contents and jasper occurrences may perhaps indicate submarine hydrothermal activity. This should be borne in mind as we assess our reconnaissance data.

As a gold prospect, no action is recommended on this property. However, it may be necessary to reconsider this area under the banner of massive sulphide potential when we are following up our Sicker volcanics recce program.

References

as per 'High Grade'

Appendices

Map 1. Composite of traces with drillhole locations.

App 1. Geochem result.

Summit Lake

- 5 holes drilled under a subcrop showing of thin Au-bearing qtz-carb veins. (103/11)
  assays → 0.25 oz/1½'.
- Possible Myra (bedded volcaniclastic) in top of holes. (looks like volc. arenites to me).
- Au bearing zones are carb'd-sil'd volcanics with ≈ 20% diss'd py (tr cp) assoc'd with a qtz vein.
- poss. same structure as Golden Eagle?
- Apart from the top & the holes volcs are mainly fine, loc. graded tuffs. Well bedded. No obviously frag sections.
- graphitic zone close to beak between sedy volcs & good volcs previously not sampled sample is over ≈ 8'. Contains

diss'd py in places.

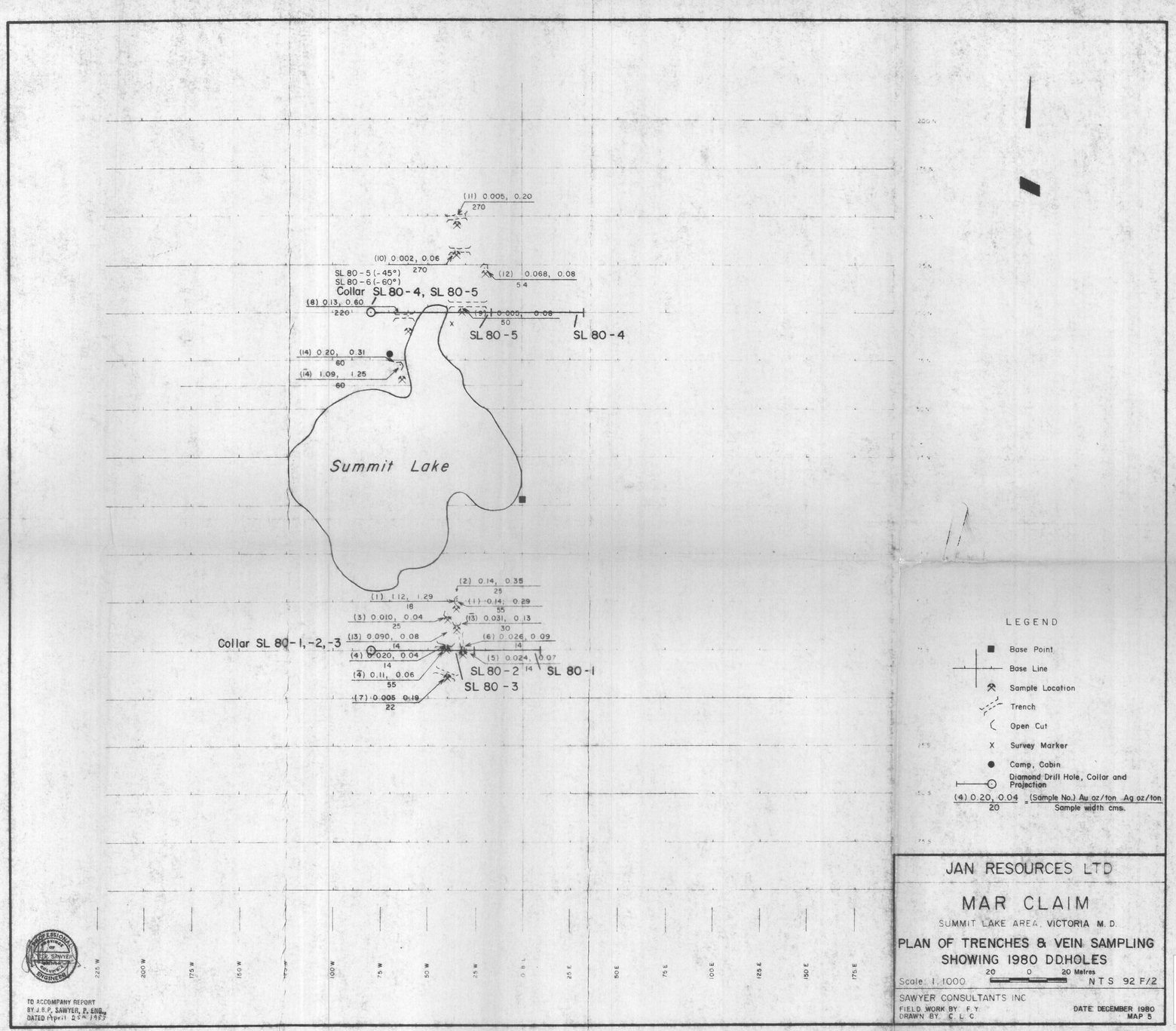
SUMMARY

HYGRADE - SUMMIT LAKE distinctly very situations. Former has reasonable strike length but undetermined width. Grades can be spectacular but are very erratic.

Latter is part of a larger system including the Golden Eagle mine. Veins & qtz-carb accompanied by diss'd py give reasonable assays (max 1 oz over 1') but overall the values are tight. Potential for widths is small. Interesting graphitic zone adjacent to contact between banded tuffs and epiclastic material may mark a horizon of interest

Raft has more polymetallic potential but requires much more geological work. Sulphides are

of similar affinity with ep-abit-
ats associated. Not unlike Taxiki
Ck in many ways.



TO ACCOMPANY REPORT
BY J.B.P. SAWYER, P. ENG.
DATED April 25th 1983

LEGEND

- Base Point
- Base Line
- Sample Location
- Trench
- Open Cut
- X Survey Marker
- Camp, Cabin
- Diamond Drill Hole, Collar and Projection

(4) 0.20, 0.04 = (Sample No.) Au oz/ton Ag oz/ton / 20 = Sample width cms.

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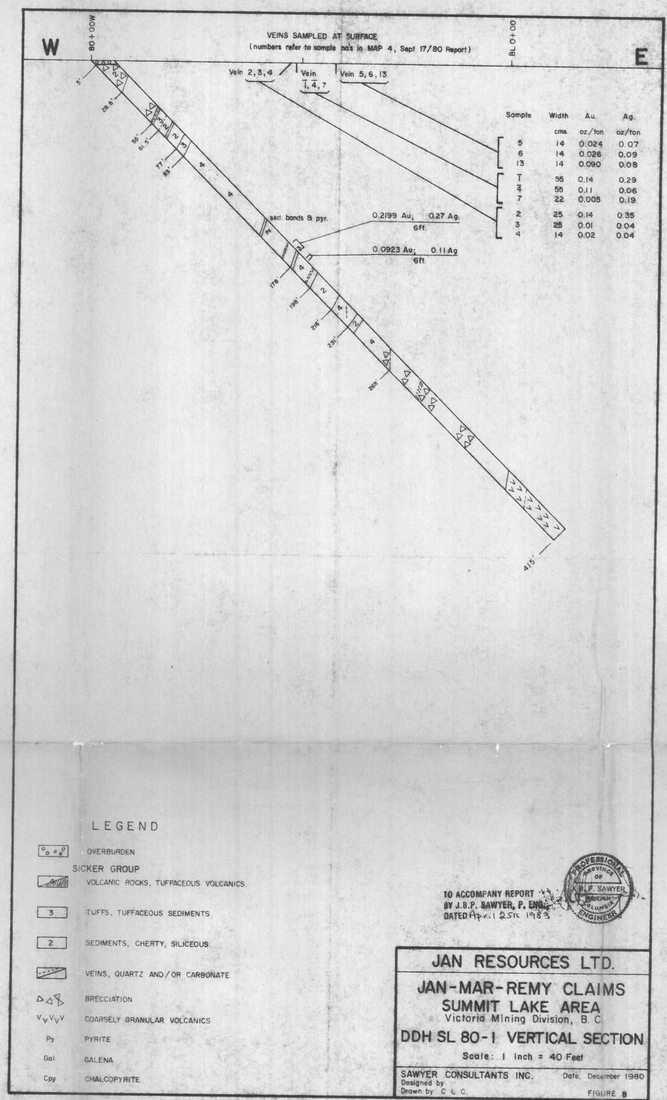
MAR CLAIM

SUMMIT LAKE AREA, VICTORIA M.D.

PLAN OF TRENCHES & VEIN SAMPLING SHOWING 1980 DDHOLES

Scale: 1:1000 — 20 0 20 Metres — NTS 92 F/2

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FIELD WORK BY F.Y.
DRAWN BY C.L.C.
DATE DECEMBER 1980
MAP 5



LEGEND

- OVERBURDEN
- SICKER GROUP
- VOLCANIC ROCKS, TUFFACEOUS VOLCANICS
- 3. TUFFS, TUFFACEOUS SEDIMENTS
- 2. SEDIMENTS, CHERTY, SILICEOUS
- VEINS, QUARTZ AND/OR CARBONATE
- BRECCIATION
- $V_V V_V V$ COARSELY GRANULAR VOLCANICS
- Py PYRITE
- Gal GALENA
- Cpy CHALCOPYRITE

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JAN-MAR-REMY CLAIMS
SUMMIT LAKE AREA
Victoria Mining Division, B.C.

DDH SL 80-1 VERTICAL SECTION

Scale: 1 Inch = 40 Feet

SAWYER CONSULTANTS INC. Date: December 1980
Designed by
Drawn by C.L.C.
FIGURE 8

