

800417

PROPERTY REPORT

for

CANYON VALLEY MINING CORP LTD (NPL)

on claims

LOON 95-100

LOON 121A, 122A, LOON 123-126

AND CUB 49-74

in the

ATLIN MINING DIVISION

BRITISH COLUMBIA

July 20, 1973

Manny Consultants Ltd.,

E. Amendolagine, P.Eng.,

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SUMMARY

The claims held by Canyon Valley Mining Corp Ltd (NPL) are some 29 miles south of Atlin, British Columbia, in the Atlin Mining Division of British Columbia. They are located in a favourable geological and mineralogical environment. There are numerous mineral showings of copper, molybdenum, gold, silver, lead and nickel within a range of some 12 miles to the north and the west. The Hoboe Creek Mines Ltd (NPL) Laverdiere property on Hoboe Creek adjoining and some one mile west, has a possible copper-molybdenum porphyry deposit. These factors, plus the presence of malachite stain observed in bedrock, and also the presence of the Jurassic Coast Intrusives on the property, justify an exploration programme to search for a commercial mineral deposit.

The exploration programme should be carried out in three stages. The first stage would consist of establishing a grid and to complete a geochemical rock chip sample survey, magnetometer survey and reconnaissance geological prospecting. This phase would require some \$38,000.00. The second phase could consist of an induced polarization survey, and the third phase could be diamond drilling, if required.

INTRODUCTION

An examination of the Canyon Valley Mining Corp Ltd (NPL) property was made on October 19, 1971. The property consists of 38 claims located in the Atlin Mining Division Province of British Columbia.

PROPERTY

The property consists of 38 contiguous mineral claims as follows:

LOON 95 - 100

LOON 121A and 122A

LOON 123 - 126

CUB 49 - 74

The claims are located in the Atlin Mining Division of British Columbia.

LOCATION

The property is located at 59° 14'N latitude, 134° 7' W longitude, and lies some 29 miles southwesterly of the town of Atlin, British Columbia. It is located southeasterly of Willison Bay of Atlin Lake, east of Hoboe Creek in the Atlin Mining Division, Province of British Columbia.

ACCESS

Access from Atlin, British Columbia is either by water or air transportation. Water transportation would be some 30 miles via crossing Atlin Lake then following Torres Channel to the east end of Willison Bay. Air transportation would be by helicopter or float plane from Whitehorse, Y.T. or by request from Atlin, British Columbia. Whitehorse is serviced by rail and air daily.

GEOLOGY

The general geology of the area consists of rocks ranging from early Palaeozoic to Cenozoic in age. These include the Jurassic Coast Intrusives.

LEGENDCENOZOIC

Cretaceous or Later: Rhyolite, trachyte, andesite flows, breccias, felsite, feldspathic tuffs.

MESOZOIC

Jurassic or Later: Coast Intrusions - Granodiorite quartz diorite, granite, gabbroic and hybrid of various and uncertain ages.

Laberge Group - Greywacke, siltstone, argillite, slate, conglomerate, limestone.

PALAEOZOIC

Pennsylvanian: Andesite, basalt, tuff, breccia, volcanic conglomerate, greywacke, arkose, slate.

Permian: Limestone, chert, andesite, basalt

Pre-Permian: Porphyritic granodiorite.

PALAEOZOIC

Pre-Permian: Metamorphic rocks of uncertain age; quartzite, gneiss, schist, limestone, chlorite schist, feldspar-chlorite, gneiss, amphibole gneiss, limestone.

The rocks in this area generally occur in belts with a northwest trend conforming with that of the folds and the regional structural trend.

The major portion of mineralization known to date is associated with minor quartz veins and replacement deposit occurring near and at the contact of the Coast Intrusions. Two associations of metallic minerals are common in the quartz veins. They are:

1. Gold-pyrite, occasionally with arsenopyrite and chalcopyrite.
2. Gold-pyrite-chalcopyrite, galena-sphalerite with some tetrahedrite occasionally present.

Other minerals include antimony and molybdenite, Ref. G.S.C. R.L. Christie, Bennet Sheet, Cassiar District, British Columbia, Map 19, 1957.

PROPERTY GEOLOGY

The property is underlain by Coast Intrusive rocks of Jurassic Age and by possibly Pre-Permian to Pre-Cambrian Age rocks. The Jurassic Coast Intrusives rock formations are in the central western portion of the property with the remainder of the property being underlain by Pre-Permian to Pre-Cambrian Age rocks, Ref: G.S.C. The property was examined by the writer on October 19, 1971. There was a light cover of snow on the ground leaving a minimal amount of outcrops exposed for observation. Traverses were made along the north-south nose of a ridge. The exposures examined and samples taken consisted of porphyritic pink granite rock formations. Malachite stain was seen south of and opposite of the Hoboe Creek drilling and showings on the west side of Hoboe Creek.

The property is located in an area that could be of mineralogical significance. This is borne out by the indications expressed on the geological map of G.S.C. by R.L. Christie, Bennet Sheet, Cassiar District of British Columbia, Map 19, 1957. The property is located to the north west of Willison Bay of Atlin Lake, To the west there are the copper, gold, silver and molybdenum showings of Hoboe Creek, to the north lie the copper showing of Copper Island, the silver and lead showings on the south end of Nelson Lake and some 12 miles to the north at Taku Arm Lake lie the copper, nickel, gold, silver and lead showings. The mineralization on Hoboe Creek to the west on the Laverdiere property of Hoboe Creek Mines Ltd and on the Molly group of claims, has been seen by the author. The drilling by Hoboe Creek Mines Ltd has yielded some + 2% copper values with molybdenum, gold and silver across widths of 45 feet in the limestone overlying a granite. The drilling in the granite underlying the limestone has intersected copper and molybdenum mineralization for the total 216 feet drilled. Values in copper and molybdenite ranging in sections to a maximum of 0.50% Cu and 0.58% Mo. Information of the current drilling by Rio Plata was not released. The "Molly Group" of claims which lie to the north west has drill core in racks which has disseminated chalcopyrite in a granitic-type rock. The true location where the core came from is not known but this core has to be from the immediate area and indicates copper

mineralization being present to the immediate north west of the property. The mineralization to the north were not seen but is indicated on the G.S.C. Map of the area.

CONCLUSIONS

The Canyon Valley Mining Corp Ltd (NPL) property is located in an area which has numerous mineral indications. There are copper, molybdenite, gold, silver, lead and nickel mineral showings to the north and to the west. Malachite stain was seen on the property. To the west and south lie the glacier fields.

The property lies in a mineralogical area that could be of major significance.

The numerous mineral showings in the area, the mineral development of a possible porphyry copper deposit on the Hoboe Creek Mines Ltd property to the west and the presence of the Jurassic Coast Intrusions on the property indicate that the property lies in a favourable mineralogical environment and should be explored for an economic mineral deposit.

RECOMMENDATIONS

On the basis that the property lies in a favourable geological and mineralogical environment and should be explored for an economic mineral deposit, it is recommended that the following programme be carried out in a minimum of three stages.

STAGE I

1.	Establish a grid system for control	\$ 4,000.00
2.	Combined geochemical and rock chip sampling	6,000.00
3.	Magnetometer survey	3,000.00
4.	Reconnaissance geological and prospecting	4,000.00
5.	Topographic Mapping	2,000.00
6.	Camp set-up	2,500.00
7.	Consulting and Engineering	4,000.00
8.	Allowance for rock trenching	2,000.00
9.	Room and Board	3,000.00
10.	Transportation and communication	5,000.00
11.	Contingencies	2,500.00
		<hr/>
		\$38,000.00
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STAGE II

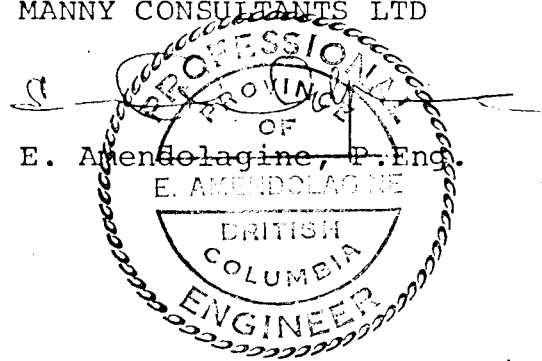
1.	Induced polarization	\$20,000.00
2.	Engineering	<hr/> <hr/>

STAGE III

- | | | |
|----|---|--------------------|
| 1. | Drilling if necessary with a minimum
of 3,000 feet and engineering | <u>\$60,000.00</u> |
|----|---|--------------------|

Respectfully submitted,
MANNY CONSULTANTS LTD

E. Amendolagine, P. Eng.
E. AMENDOLAGNE



July 20, 1973

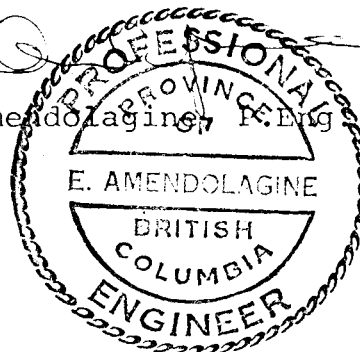
CERTIFICATE

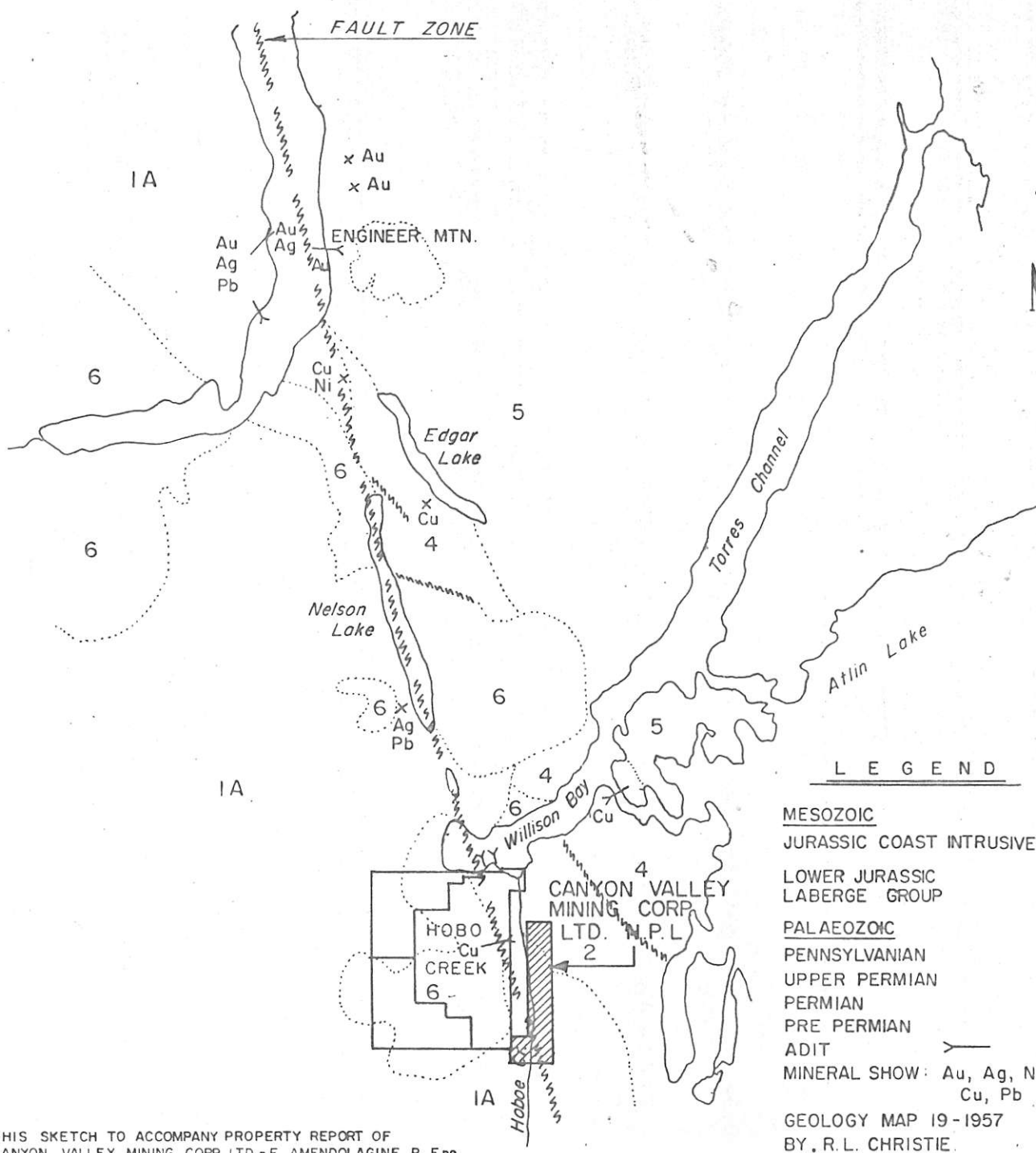
I, EMANUEL AMENDOLAGINE, of the City of Vancouver in the Province of British Columbia, hereby certify:

1. That I am a geologist and reside in Vancouver, British Columbia.
2. That I am a graduate of Hunter College of the City of New York, and Columbia University with a B.A. and M.A. respectively, and that I have been practising my profession as a geologist for 20 years.
3. That I am a registered professional engineer in the Province of British Columbia.
4. That this report is based on a visit to the property of Canyon Valley Mining Corp Ltd (NPL) on October 19, 1971 and on information obtained from the G.S.C. reports of the area and personal knowledge of the area around Hoboe Creek.
5. That the writer does not have, nor does he expect to receive, either directly or indirectly, any interest in the named property and company.
6. That this report may be used for the purpose of a Prospectus if so desired.

Dated at Vancouver, British Columbia, this 20th day of July, 1973.

E. Amendolagine, P. Eng





THIS SKETCH TO ACCOMPANY PROPERTY REPORT OF
CANYON VALLEY MINING CORP. LTD. - E. AMENDOLAGINE P. Eng.



CANYON VALLEY MINING CORP. LTD. N.P.L.

LOON 121A, 122A

LOON 123-126

CUB 49

ATLIN AREA



July 20, 1973



Wm. H. White, P.Eng.

4778 West 2nd Avenue
Vancouver 8, B. C.

ADDENDUM to Report dated August 25th, 1969, entitled "Geology and Economic Prospects of the Laverdiere Property, Atlin Mining Division, B. C."

The Property in the above-referred report, and to which this addendum refers, is the same property referred to in Item 12 of the Statement of Material Facts dated April 21st, 1970, and filed by Centex Mines Ltd. (N.P.L.) ("Centex") and is also the same property that has been transferred by Centex to Hobo Creek Coppermines Ltd. (N.P.L.) ("Hobo Creek") and is the subject of Hobo Creek's Prospectus. These properties are:

Butte (Crown Grant)
Great Falls (Crown Grant)
Helena (Crown Grant)
Bear #1
Brothen #2
C.V.A.C. #1
H.J. #1
Tunnel Fraction

I have been advised that Hobo Creek plans to undertake preliminary exploration work this winter on the Laverdiere property, on which I reported in August, 1969. Funds available will be about \$38,000. Under these conditions, information of considerable value could be obtained by revising my original recommendations as follows:-

Stage One - Winter Drilling Program

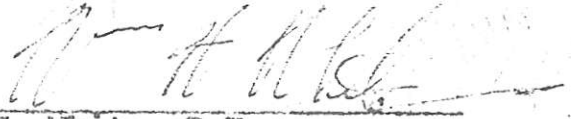
Seven AQ holes totalling 1700 feet would be drilled horizontally from along the base of the bluffs in westerly directions. Six of these would test the partly-known section from the French adit southward for about 400 feet, and one would investigate the covered section to the north of the French adit. This work would be expected to provide information about continuity, widths and grade within one of the three sections known to contain mineralization and would also answer some critical questions concerning the geological ore controls. Estimated cost of Stage One is \$35,000.

Stage Two

The remainder of the program originally recommended, or as modified by new data, would be proceeded with if encouraging

Addendum to Report dated August 25th, 1969 - Cont's
results were obtained from Stage one, Estimated cost, \$90,000.

Respectfully submitted,



Wm. H. White, P.Eng.

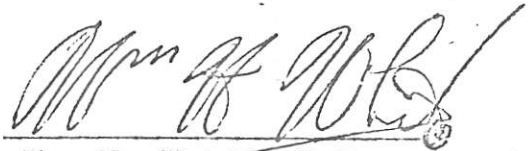
DATED at Vancouver, B. C. the 18th day of
December, 1970.

CERTIFICATE

1. I, William Harrison White, of 4778 West 2nd Avenue, Vancouver 8, British Columbia, am a registered Member in good standing of the Association of Professional Engineers of the Province of British Columbia. I am registered as a Geological Engineer.
2. I graduated as a Mining Engineer in 1936, obtained a Master's Degree in geological engineering in 1938 and a Ph.D. degree in 1942. Since 1946 I have engaged in professional work in the field of mineral exploration.
3. I personally examined and mapped mineral exposures on mining claims on Hoboe Creek, Atlin Mining Division, owned by Centex Mines, Ltd.(N.P.L.), #1700 - 777 Hornby Street, Vancouver, B.C. I also logged, split and sampled for assay purposes cores from two diamond drill holes drilled recently on that property.
4. The field examination extended from August 11th to August 18th, 1969, inclusive.
5. I have not, nor do I expect to have, any interest, direct or indirect, in the properties or securities of Centex Mines, Ltd. (N.P.L.).

October 13th, 1970

(Signed)



Wm. H. White, P. Eng.