

104 B

attach to  
previous

COPY

Property Submission:  
Prospects - Stikine  
River area

825673

Aug 1969  
a update

October 22, 1969

|        |                                     |
|--------|-------------------------------------|
| J.H.S. | <input checked="" type="checkbox"/> |
| P.M.K. | <input checked="" type="checkbox"/> |
| R.D.S. | <input type="checkbox"/>            |
| B.C.B. | <input type="checkbox"/>            |
| I.D.B. | <input type="checkbox"/>            |
| G.M.H. | <input checked="" type="checkbox"/> |
| P.K.   | <input type="checkbox"/>            |
|        | <input type="checkbox"/>            |
|        | <input type="checkbox"/>            |
|        | <input type="checkbox"/>            |
|        | <input type="checkbox"/>            |

Mr. L. J. Cunningham,  
1 MacPhee Avenue,  
KIRKLAND LAKE, Ontario.

Dear Len:

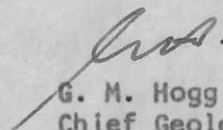
We have received word from our Vancouver office on the Stikine River area properties, and do not feel that they are of interest to us at this time.

As you know, through earlier work in the area we are reasonably well acquainted with the prospects involved, and though they are in no sense fully evaluated, we do not think that they warrant additional work on our behalf.

Many thanks for your arranging to visit the Cobalt area with Paul and myself. You certainly gave us plenty to think about, and we will be back to you as soon as we can on your properties.

Yours very truly,  
KERR ADDISON MINES LIMITED

GMH:lfr

  
G. M. Hogg  
Chief Geologist - Exploration

OCT 17 1969

# KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

|        |   |
|--------|---|
| J.H.S. |   |
| P.M.K. | ✓ |
| R.O.S. |   |
| E.C.B. |   |
| L.D.B. |   |
| G.M.H. | ✓ |
| P.K.   |   |
| J      |   |
|        |   |
|        |   |

To P. M. Kavanagh From W. M. Sirola  
 Subject Cunningham Claim Groups,  
Stikine River Area, B.C. Date Oct. 16/69

I have reviewed and return herewith the data you sent me on these properties.

During our first Stikine operation in 1964 we thoroughly covered the area which is now in part occupied by claim blocks EWK and LLK.

The Jak Group located near the southwest end of Nuttlude Lake was not included in our work but this area was prospected by the ~~Bik~~ Syndicate and the Shawinigan Mining and Smelting Company (Andy Robertson) did quite a bit of work in this area 5 or 6 years ago.

It has been my opinion for some time that in the Stikine area the mineralization worth working on is confined to porphyritic intrusives or to the contact zones of these intrusives. Any gossan such as occurs on the Jak Group will most certainly have been investigated by more than one exploration party.

No further effort on our part is indicated as far as I am concerned.

*I agree P.M.K. Oct. 20/69*

*W.M. Sirola*

W. M. Sirola.

WMS/lk  
Encl.

A  
REPORT  
ON  
THREE CLAIM BLOCKS  
LIARD MINING DIVISION  
STIKINE RIVER AREA  
CASSIAR DISTRICT  
BRITISH COLUMBIA

INTRODUCTION

The 3 claim groups were staked in July 1969. They contain showings discovered during a program of active exploration in the period 1960 - 1965. Because these mineralized zones had not been investigated after their initial discovery, they were staked following an examination by helicopter. The writer was accompanied by George Kent, Geologist, who had spent several years in the area with Silver Standard and one year with Canadian Superior and P.E.E.

Reference: G.S.C. Memoir 246 - Stikine & Iskut River Areas  
G.S.C. Map 9 - 1957 - Stikine River Area

GROUP NO. 1

Claims EWK 1 - 4 750813-14-15 and 17

Located 30 miles southwest of Telegraph Creek on the east flank of the Dokdoan Creek, the claims cover a large gossan area on the contact of a granodiorite mass intruding volcanic rocks. The gossan lies on the lower half of the steep valley slope with very little exposure of bedrock. The few exposures show a well fractured massive uniform rock considered to be an andesite flow. The rock breaks readily along several sets of fracture planes - all of which are rusty.

The claims were staked because geochemical samples taken from the fines below the coarse talus material yielded anomalously high copper and molybdenum values. Two composite samples of the fines across the gossan area ran 600 P.P.M. in Cu.; 7 P.P.M. in MO. Epidote alteration is widespread.

There are no records to indicate that the ground has ever been staked and no evidence to indicate that the area has been investigated.

GROUP NO. 2

Claims LLK 750818-9 750831-2

These claims lie one mile north of the first group and straddle a westerly striking spur from a northwesterly striking ridge. The spur is a steep hog's back which is covered by talus below 3,500 feet. The ridge rises to above 5,000 feet and is a massive andesite flow. It is cut by an intersecting boxwork

system of quartz carbonate veins varying in length. Widths vary from 1" to 3 ft. The veins contain lenses and pods of massive chalcocite weathered to malachite and azurite. This copper stain is widespread and can be seen from the air by helicopter on both sides of the area. The extent of the quartz carbonate copper veining is estimated at the very minimum of being 10 ft. x 1,000 ft. in area. A number of narrow 3' to 5' cross-sectioned veins were observed.

Neither structure nor mineralogy were observed which would explain the origin of the extensive veining. A large intrusion which may be an intrusive might underlie the area. No samples were obtained to determine the nature of the intrusion.

Approximately 2 miles west of the area is the Hudson Bay Mining & Smelting Co. which holds a group of claims covering the area. The area contains acid intrusives and andesite flows. Three holes have been drilled. Results are unknown.

### GROUP NO. 3

#### Claims JAK 750820 - 27 inclusive

Located 30 miles southeast of Telegraph Creek and two miles due west of Nuttlude Lake the 8 claims cover a large gossan area resulting from pyrite and arsenopyrite mineralization in an andesite volcanic. Both fine disseminated sulphides and massive stringers to 2" in width were found in the talus rubble. This mineralization is thought to be associated with an intrusive contact although this was not observed.

Detailed prospecting by Silver Standard to the north of the gossan area and on the perimeter of the staked area revealed a number of galena-sphalerite-arsenopyrite veins 4" to 15" wide - one of which was traced for over 1,000 feet and sampled at 5 ft. intervals for 620 ft. to yield:

0.95 oz. gold/ton  
2.4 oz. silver/ton  
6% Pb-Zn/ton,

over 15" width

Considering that this type of mineralization occurs in close proximity to and is apparently related to the large gossan area containing pyrite and arsenopyrite further investigation of the latter is highly justified.

The vein described above is held by Shawinigan Mining & Smelting. One hole has been drilled. Results are unknown.

One mile east of Nuttlude Lake, C.M.S. hold a large block of claims.

LOCAL ACTIVITY

32 miles due south of Telegraph Creek (20 miles southeast of groups nos. 1 and 2) lies the property of Liard Copper Mines. A group of 25 men are on the property with 2 drills operating - widespread sparse copper mineralization is found in andesite immediately east of a granodiorite contact.

Mineralization consisting of finely disseminated chalcopyrite and molybdenite with pyrite. Holes to a depth of 2,000 feet running 0.5% Cu have been reported.

Apparently the ore zone does not give a geochemical or geophysical anomaly. Epidote alteration is plentiful and widespread.

30 miles south of Groups 1 and 2 lies Stikine Copper where large tonnages of copper in 7 ore bodies have been extensively drilled. The ore is associated with granitic intrusives in volcanic flows.

Signed,

L. J. Cunningham, B.Sc., P.Eng.,  
Mining Engineer

Dated at  
Kirkland Lake, Ontario  
5 August, 1969

104/B.

# KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

|          |
|----------|
| J.H.S.   |
| P.M.K. ✓ |
| R.D.S.   |
| B.C.B.   |
| I.D.B.   |
| G.M.H.   |
| P.K.     |

To..... P. M. Kavanagh ..... From..... G. M. Hogg .....

Subject..... Prospects, British Columbia - B.C. STIKINE AREA - Date..... August 1, 1969  
(30 Miles up river from Telegraph Creek)

MR. L. J. CUNNINGHAM AND MR. KENT - OWNERS OF THREE GROUPS COMPRISING 20 CLAIMS.

Mr. Kent, working for Silver Standard, was in the area when claims were staked on rich vein deposit, (Pb, Zn, Au and Ag). Later he was in charge of a Canadian Superior/P.C.E. job in the same area. Anomalies and prospects were located, but no follow-up was done (1965). Subsequently the 3 groups were staked.

- #1 Group - Staked on geochem anomaly over granodiorite. Cu to 600 ppm, Mo to 7 ppm.
- #2 Group - Boxwork of Cu-carbonate veins in volcanics. Occurs on hogback and can be seen from air. Very wide distribution.
- #3 Group - Group staked over gossan area related to Silver Standard vein referred to above.

If of interest, we can contact Mr. Cunningham regarding option.

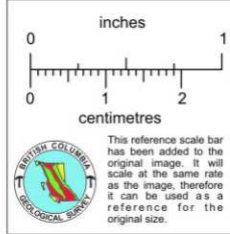
*By phone on Aug. 5<sup>th</sup>  
I advised Glenn to tell  
Cunningham that we would have to  
receive claim group location  
sketches from him before bringing  
these properties to Seisla's attention*

*M.H.K.  
Aug 6/69.*

GMH:lfr

*G.M.H.*  
G. M. Hogg

G.S.C. MAP 9-1957



LEGEND

SEDIMENTARY AND VOLCANIC ROCKS

QUATERNARY RECENT

20 Unconsolidated glacial and fluvial clay, silt, sand, gravel; silt, peat, muck

19 Tufa, hot spring deposits

18 Olivine basalt, ash, cinders

TERTIARY PLEISTOCENE AND (?) EARLIER

17 Basalt, rhyolite, ash, tuff, agglomerate; locally may include ls, tfs, chert, siliceous tuff, calcareous rhyolite breccia

Eocene

16 Basalt, rhyolite and associated volcanic rocks; minor conglomerate, sandstone, shale

CRETACEOUS AND TERTIARY UPPER CRETACEOUS AND PALEOGENE

15 Conglomerate, sandstone, shale, minor coal

CRETACEOUS POST LOWER CRETACEOUS

14 Volcanic rocks, breccia

JURASSIC AND CRETACEOUS UPPER JURASSIC AND LOWER CRETACEOUS

12 Argillite, greywacke, conglomerate, coal, ls, andesite, chert, tuff, conglomerate, shale, greywacke

JURASSIC LOWER AND MIDDLE JURASSIC

11 Conglomerate, greywacke, grit, siltstone, shale, ls, may include younger rocks

TRIASSIC

9 Tuff, siltstone, limestone, conglomerate, breccia

PERMIAN AND/OR TRIASSIC

7 Volcanic and sedimentary rocks undivided; 7a, mainly andesitic and basaltic volcanic rocks; flows, breccia, tuff breccia, tuff; 7b, mainly greywacke, siltstone, conglomerate; 7c, mainly limestone

PERMIAN AND (?) EARLIER

6 Limestone, greenstone, chert, argillite, phyllitic quartzite, greywacke, meta-andesite and meta-gabbro locally abundant near ultramafic bodies. May include younger greenstone, 6a, Carboniferous or Permian, mainly andesitic flows, breccia, tuff; minor sedimentary rocks

DEVONIAN AND MISSISSIPPIAN UPPER DEVONIAN AND MISSISSIPPIAN

5 Chert, argillaceous quartzite, argillite, greywacke, greenstone, conglomerate, limestone

DEVONIAN MIDDLE DEVONIAN

4 Limestone, dolomite, quartzite

ORDOVICIAN AND SILURIAN UPPER ORDOVICIAN AND LOWER SILURIAN

3 Limestone, cherty limestone, quartzite, red and green chert, shale

CAMBRIAN AND ORDOVICIAN MIDDLE AND (?) UPPER CAMBRIAN, LOWER AND MIDDLE ORDOVICIAN

2 Shale, phyllite, slate, calcareous slate, limestone

CAMBRIAN LOWER CAMBRIAN

1 Limestone, dolomite, quartzite, slate, phyllite

CRETACEOUS AND/OR EARLIER PRE UPPER CRETACEOUS

13 Mainly volcanic rocks; minor conglomerate, gneiss, chert, argillite

JURASSIC AND/OR EARLIER PRE UPPER JURASSIC

10 Mainly volcanic rocks; minor conglomerate, gneiss, argillite

10. Mainly sedimentary

INTRUSIVE ROCKS

A Felicitic, felsite porphyry

B Mainly quartz monzonite, granodiorite, granite

C Mainly diorite, minor gabbro

D Granite porphyry, granophyre, syenite and related rocks

E Serpentine, peridotite, locally includes meta-andesite and meta-diorite

METAMORPHIC ROCKS

F Phyllite, sericite schist, hornfels, granulite, fine-grained biotite-hornblende gneiss, 7a, may include or be equivalent to 9

G Gneiss, Gb, phyllite, quartzite, minor crystalline limestone, highly altered and sheared greywacke and volcanic rock

H Mainly quartz-feldspar gneiss, biotite-muscovite schist, crystalline limestone, greenstone, quartzite, phyllite

I Gneiss, schist, crystalline limestone, crystalline dolomite, quartzite



LLK GROUP  
EWK

JAK GROUP

58°00'

45'

30'

15'