



861526

**PLACER DEVELOPMENT LIMITED****MEMORANDUM:**

**TO:** R. Shklanka/S.J. Tennant      **DATE:** June 5th, 1984  
**FROM:** R.H. Pinsent                      **FILE:** 82L/14E  
**RE:** **MB CLAIMS (Ag, Pb)**

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The MB claims, owned by Alpine Silver Ltd., are located on Hudson Creek approximately 6 km north of the north shore of Shuswap Lake in N.T.S. area 82L/14E. The claims are located on the south flank of Anglemont Mountain (Figure 1).

The claims are underlain by a package of metamorphosed Paleozoic strata which has been assigned to the Eaglebay Formation. Regional geological mapping by Okulich (GSC O.F. 637; Figure 2) indicates that the claims are underlain by argillaceous shales and phyllitic schists (EBP) which stratigraphically overlie a major carbonate unit which is mapped as the Tshinakin limestone (EBT).

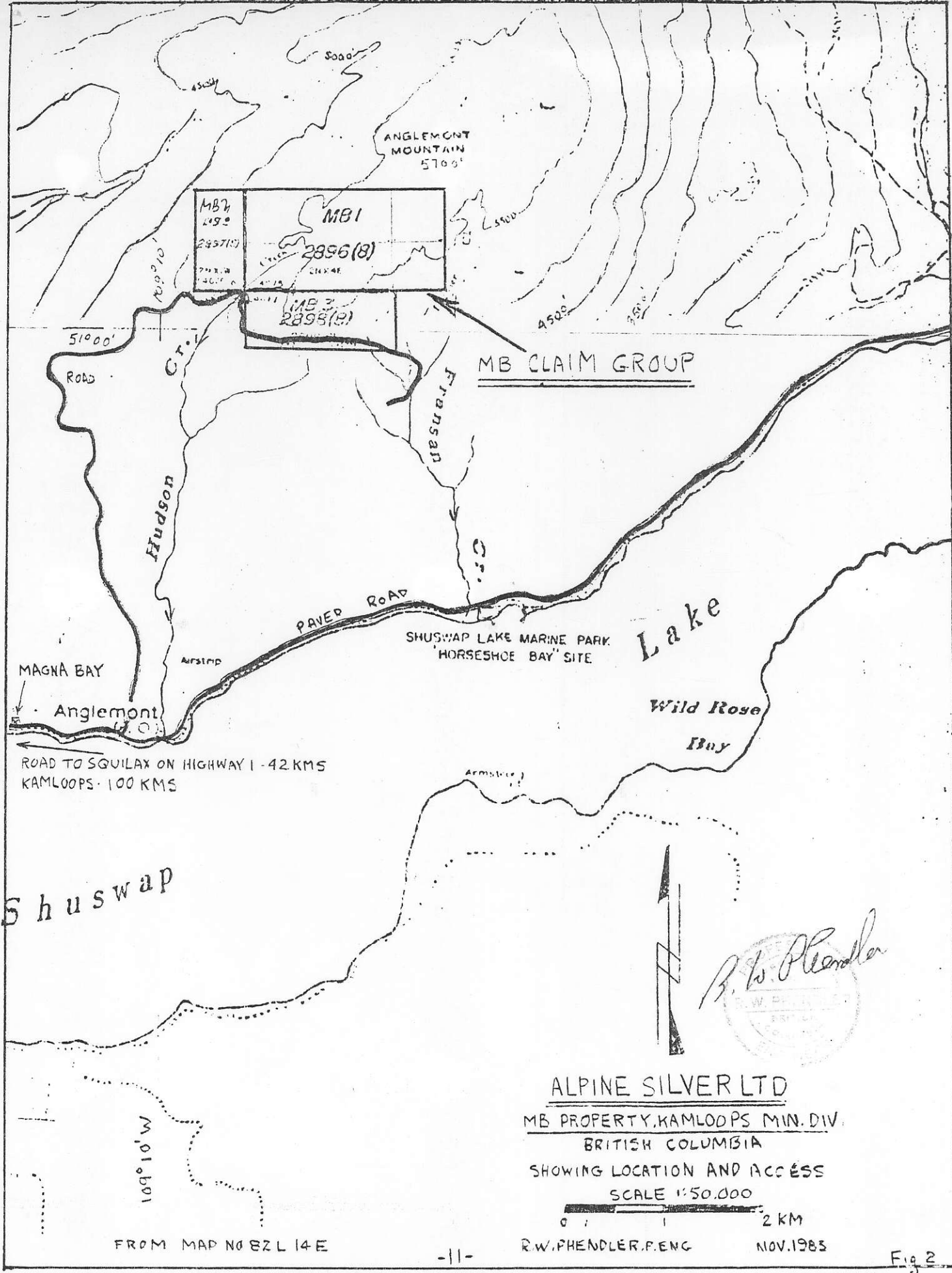
The claims have not been mapped in detail but R.W. Phendler (Report on the Hudson Creek Property; Nov. 10th, 1983) indicates that they are underlain by crumpled graphitic schists and related sediments. Mineralization on the property consists of pods and disseminations of pyrite and argentiferous galena in a 3' (1.0 m) wide, white quartz vein which strikes approximately east-west and dips at 10° to the north, essentially conformable with the local schistosity. According to Phendler, the vein can be traced for 600' (182 m). The vein gives erratic values of Ag and Pb. There is nothing to indicate the presence of Au (Figure 3).

A minor amount of reconnaissance work appears to have been done on the property in 1982 and 3 and this is summarized in the report submitted by Phendler in 1983. A geochemical soil survey evidently produced a few spot anomalies for Ag, Zn, Pb and Cu and Pb and Zn (Figure 3). These anomalies have not been tested. The results of a magnetometer survey are not recorded.

The quartz vein is, in itself, of little economic value. The question is whether the Pb, Ag mineralization reflects local stratabound sulphide elsewhere within the stratigraphic package or an anomalous metal content in the underlying (graphitic) schist.

In the absence of felsic tuff or evidences of related volcanic activity I would not recommend optioning the claim group.

R.H. Pinsent



ROAD TO SQUILAX ON HIGHWAY 1 - 42 KMS  
 KAMLOOPS - 100 KMS

MB CLAIM GROUP

*B. W. Phendler*  
 R.W. PHENDLER  
 P. ENG.

ALPINE SILVER LTD  
 MB PROPERTY, KAMLOOPS MIN. DIV.  
 BRITISH COLUMBIA  
 SHOWING LOCATION AND ACCESS  
 SCALE 1:50,000

0 1 2 KM

FROM MAP NO 82 L 14 E

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R.W. PHENDLER, P. ENG

NOV. 1985

Fig 2

Figure 1

CHAPPERON GROUP

**CV** CHLORITIC PHYLLITE, GREENSTONE, MICACEOUS SCHIST;  
MINOR LIMESTONE AND ULTRAMAFIC ROCKS.

PRE-CRETACEOUS AND PRE-LATE DEVONIAN (IN PART).  
EAGLE BAY FORMATION.

**EBV** GREENSTONE, CHLORITIC PHYLLITE; MINOR AGGLOMERATE,  
SERICITIC PHYLLITE, QUARTZITE AND LIMESTONE.

**EBq** SERICITIC, SILICEOUS PHYLLITE, SERICITIC QUARTZITE,  
QUARTZ BIOTITE SCHIST, QUARTZ BIOTITE GARNET SCHIST;  
MINOR LAYERS OF UNITS EBv, EBva, EBp, Ebc.

**EBp** BLACK ARGILLITE, ARGILLACEOUS PHYLLITE, SHALE.

**EBva** FOLIATED ACID VOLCANIC ROCKS, CHERT, SILICEOUS  
PHYLLITE; SHEARED AND ALTERED QUARTZ FELDSPAR  
PORPHYRY OR QUARTZ GRANULE CONGLOMERATE; GNEISSIC  
ACID IGNEOUS ROCKS NEAR SHUSWAP LAKE.

**Ebcg** CONGLOMERATE.

**Ebc** MASSIVE WHITE CRYSTALLINE LIMESTONE, DARK GREY  
FOLIATED LIMESTONE; MINOR CHERT NODULES.

TSHINAKIN LIMESTONE MEMBER

**EBt** MASSIVE WHITE CRYSTALLINE LIMESTONE; MINOR  
GREENSTONE AND GREENSCHIST.

PRE-CRETACEOUS AND (?) PRE-LATE ORDOVICIAN.  
SILVER CREEK FORMATION.

**scq** QUARTZ BIOTITE, SERICITE AND GARNET SCHIST;  
MINOR QUARTZ-FELDSPATHIC BIOTITE GNEISS,  
PEGMATITE, AMPHIBOLITE, MARBLE.

CHASE QUARTZITE MEMBER (FORMERLY CHASE FORMATION).

**scC** QUARTZITE, SILICEOUS MARBLE, CRYSTALLINE LIMESTONE;  
MINOR PELTIC SCHIST.

PROTEROZOIC(?) AND (?) PALAEOZOIC AND(?) MESOZOIC

OKANAGAN PLUTONIC AND METAMORPHIC COMPLEX (FORMERLY  
MONASHEE GROUP).

**n** HORNBLende AND BIOTITE GNEISS, PARAGNEISS;  
MINOR SCHIST, MARBLE, QUARTZITE, AMPHIBOLITE.

**nm** DIORITIC GNEISS, AMPHIBOLITE.

**sc** MARBLE.

**sb** QUARTZ MICA SCHIST.

SHUSWAP METAMORPHIC COMPLEX (FORMERLY MONASHEE  
GROUP).

**ns** UNDIVIDED; GRANITOID GNEISS, PARAGNEISS, SCHIST;  
MINOR QUARTZITE, MARBLE, AMPHIBOLITE.

**sb** QUARTZ MICA SCHIST, COMMONLY GARNET- AND SILLI-  
MANITE-BEARING.

**sq** QUARTZITE

**sc** MARBLE

**m** AMPHIBOLITE

**sqc** SILICEOUS MARBLE, CALCAREOUS QUARTZITE, CALCIUM-  
SILICATE GNEISS.

**gdn** GRANODIORITE GNEISS, DIORITE GNEISS, AUGEN GNEISS.

**gn** ORTHOGNEISS; LEUCOCRATIC GRANITE AND GRANODIORITE,  
LINEATED QUARTZ MONZONITE, PEGMATITE; MINOR QUARTZ  
CONGLOMERATES

DEVONIAN  
MOUNT FOWLER BATHOLITH

**Dgn** FOLIATED AND LINEATED LEUCOCRATIC GRANITE,  
GRANITIC FELDSPAR PORPHYRY, QUARTZ MONZONITE,  
GRANODIORITE; MINOR PEGMATITE, QUARTZ DIORITE.

ORDOVICIAN  
LITTLE SHUSWAP GNEISS (FORMERLY PART OF SILVER CREEK  
FORMATION).

**Logn** LEUCOCRATIC GRANITE GNEISS, QUARTZ MONZONITE  
GNEISS, GRANODIORITE GNEISS; MINOR DIORITE GNEISS.

+ SMALL OUTCROP.

— GEOLOGICAL BOUNDARY (APPROXIMATE).

~~~~~ FAULT (ATTITUDE AND DISPLACEMENT UNKNOWN).

UNMAPPED PRINCIPLE SOURCES OF COMPILED DATA (SEE INSET MAP)  
RECORD NO GEOLOGICAL OBSERVATIONS IN THIS AREA.

GEOLOGICAL MAPPING BY A.V. OKULITCH (1972, 1973, 1974),  
AND R.B. CAMPBELL (1972). GEOLOGICAL COMPILATION,  
CARTOGRAPHY AND DESCRIPTIVE NOTES BY A.V. OKULITCH  
(1977, 1978).

COMPILATION INCLUDES DATA FROM FIELD NOTES AND BASE  
MAPS OF R.B. CAMPBELL (ADAMS LAKE MAP-AREA, 1962-63),  
K.L. DAUGHTRY AND ASSOCIATES (ADAMS LAKE AND VERNON  
MAP-AREAS, 1971-79), A.G. JONES (VERNON MAP-AREA,



MB2 2897(8)  
2 UNITS

Sample No Width oz Ag oz Au % Cu % Pb

| Sample No | Width | oz Ag | oz Au | % Cu  | % Pb             |
|-----------|-------|-------|-------|-------|------------------|
| 67346     | 3.0'  | .01   | .001  | -     | -                |
| 67345     | 3.0'  | .01   | .001  | -     | -                |
| 67344     | 1.0'  | .01   | .001  | -     | -                |
| 57343     | 1.0'  | .01   | .001  | -     | -                |
| 67342     | 1.0'  | .01   | -     | -     | -                |
| 67341     | 0.5'  | .01   | .001  | .01   | -                |
| 67340     | 0.8'  | 2.61  | .001  | 7.50  | MARIPOSITE       |
| 67339     | 2.0'  | .01   | .001  | -     | -                |
| 67338     | 1.0'  | 7.22  | .002  | 26.36 | LOW MAG RESPONSE |

MB1 2896(8)  
8 UNITS

LIMONITE STAINED SCHIST  
3.0' QUARTZ VEIN-LIMONITE STAINED  
MARIPOSITE  
1.0' QUARTZ VEIN

HIGH ZINC IN SOIL  
Part 2

X ANOMALOUS SILVER (3.0 ppm)

HIGH LEAD IN SOIL.  
X

X HIGH COPPER  
IN SOIL

ANOMALOUS SILVER IN  
SOILS.

LEGAL CORNER POST

HIGH MAGNETIC  
RESPONSE

MB 3 2898(8)  
3 UNITS

HIGH ZINC IN  
SOIL.  
X

X  
HIGH LEAD IN  
SOILS  
(240 & 350 ppm)

ALPINE SILVER LTD.

MB PROPERTY, KAMLOOPS MINDIV.  
BRITISH COLUMBIA  
SCALE 1:10000

500 M  
SHOWING 1983 SAMPLING AND GEOCHEM  
ISTRY RESULTS & EM RESULTS.  
R.V. PHENDLER, P. ENG. NOV. 1983

*R.V. Phendler*

Fig 3

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3.0' thick Quartz Vein  
Pyrite, Galena Pods

ROAD TO  
ANGLEMONT  
25 KMS.

HUDSON CREEK