

823752

Adams Plateau - Barriere Lkr Area.

July 20/92

Looked around Lucky Coon, Mosquito King etc - Mostly sedimentary environment

Spar Deposit

Py-Sph-Galena bands in sediment
Reminiscent of Goldstream
Prominent folds - at least 3 stages.
Photos 20, 21, 22
There are lines cut over it.

Lucky-Coon

Owned by Adams Silver Resources Inc.

In 1977 they produced 1360 Tons

7-8% Pb

7-8% Zn

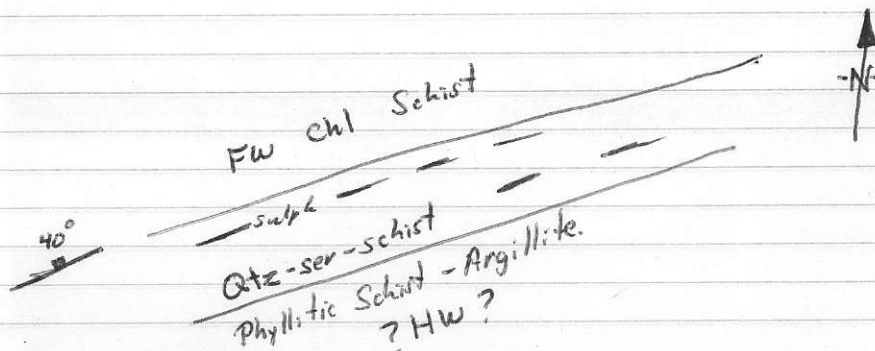
= 10 oz/t Ag

very little Au.

In 1981 they drilled 1600 Metres in 18 holes

EM survey done

1982 some trenching etc.



Two? massive sulphide horizons have been sporadically tested over 9000' strike 2520 Metres.
Strikes 045°, Dip 40° NNW.

Gene Dodd - President
Adams Silver Res. Inc.
Vanc.

also	}	Suite 1807
President of Columbia Geophysical		1450 W Georgia
President of Trans-Arctic Expl.		693-5246
- a service co. that does staking etc.		

- Larry Riteman, geologist for Trans-Arctic.

Photo #24 Lucky Cove Cove HW/FW + minz'n
 #25 Sulphide rich band + seeds, phylitic schist
 #26, 27, 28

Mosquito King

In the 7(b) "Tuffite" dip gentle.

Photo #29 Banded sulphider. Vic Preto indicate massive chunks
 of galena - very lousy
 within Nel Vollar's Tuffite.
 local Calc.-silicates
 Not much outcrop
 800-1000' above Nel Rhyolite Unit.

Photo #30 Tuffite: actually quite a mixture but contains limy
 bands + siliceous bands
 Massive galena bands

Photo #31 Folded Tuffite

Area west of Adams LK.

Photo #32 Looking E at felsic on east side of Adams LK.

Greenschist N. of Homestake felsic - series of schistose andesite/basalt
 tuffi and fragmental.

Photo #33 fragmental - frags squashed like pancakes

Homestake Property

- owned by Kamad Silver (according to Vic Preto - they're crooks).

- in 1980 Consumers' gas ^(of Denver) took an option on the property for
 \$1,500,000.

Condilleraan Engineering did the work under contract. - mapped surface

- Consumers' had the idea to go underground + do expl. drilling.

- Consumers' seemed to have bought themselves out of the option
 pre-maturely for some reason.

- Photo #34 Qtz - Ser - Schist

Dips of schistosity = 25°

Dips of minz'n = 30°

- Photo #35 Adit area.

Chu-chua

Photo #36 Looking east at N. Barriere Lk.
Far peak is Granite
Standing on Black Argillite Unit.

Photo #1 Ribbon Chert.

Photo #2 Chert Pebble Cong. = "Debris Flow" ?
Basalt frags, massive rhy cherty frags
Rounded + angular frags
Matrix gritty - sedimentary.
Rounded sulphide rich clast.
QFP frags.

Photo #3 Storm front (mail) coming up the slope towards us.

Chu-Chua Core.

Photo #4, 5, 6, 7,
#8 Talc - within sulf. zone above magnetite.

Core - Massive pillowed basalt.

- Fe-Mg massive pyrite, not banded, some fragmented
- irregular patches Cp.
- massive magnetite.
- some massive talc.

FW - some siliceous looking material with some stringer
- a 14' bleached basalt.

Craigmont optioned the discovery from Vector Exploration
(Mike Kenyon)

Photo #9

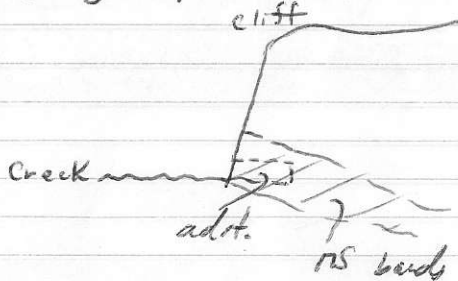
Felsic east of Chu Chua.

Rainbow Shoring

- (used to be Cominco) in 1978
- Thin 1" band Py and also thin band Sph-Gal. - they drilled it.
- Qtz pyritic gtz-sericite schist similar to Chu Chua. Hornblende
- sheared QP.
- Photo #10.

Bet Showings

- Up Birk Creek
- Cominco drilled 5' or so holes into this - missed it.
- 8-20' of MS (PY) in Qtn - ser schist
- Massive Py frags 3" dia.
- Photo #11
- Dipping gently but could be subjected to some tightly folding.



- banded carbonate also intermingled.

Photos 12 & 13 Chu-Chu congl. unit taken at the motel in Karlovy

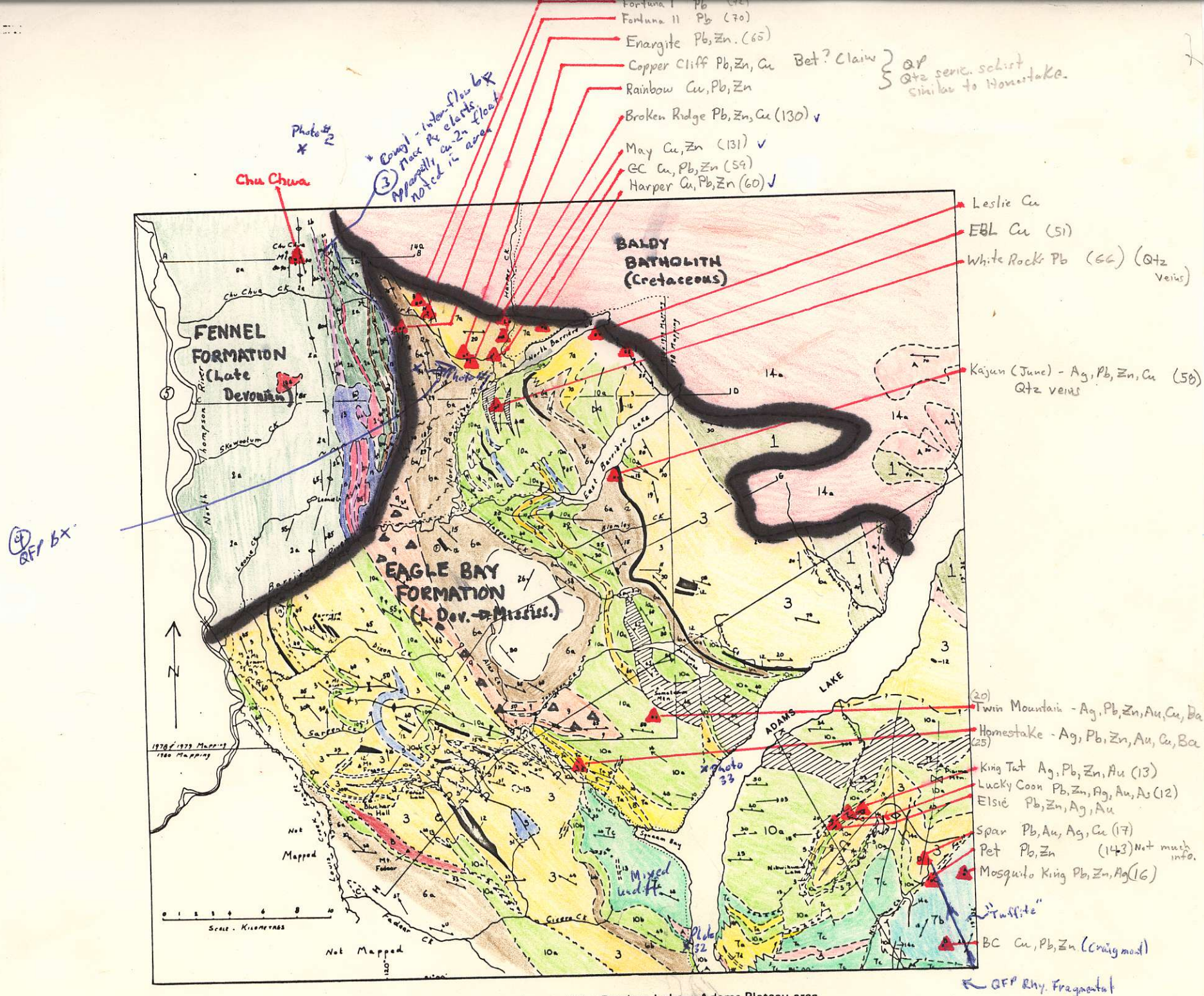


Figure 3. Generalized geological map of the Barriere Lakes-Adams Plateau area.

82L 13E ; 82M 14,5W ; 92P 1E, 8E

82M, 92P

PLEISTOCENE AND/OR EARLIER

907 **15** OLIVINE BASALT FLOWS; MINOR INTERBEDDED MUDSTONE

CRETACEOUS

924 **14a** BALDY BATHOLITH: BIOTITE QUARTZ MONZONITE, GRANITE, AND GRANODIORITE

924 **14c** QUARTZ FELDSPAR PORPHYRY DYKES AND SILLS

JURASSIC OR TRIASSIC

932 **13** DIORITE AND MICRODIORITE

UPPER TRIASSIC?

C SHEARED AND POORLY FOLIATED AUGITE PORPHYRY TUFF BRECCIA, SOME INTERBEDDED VOLCANIC SANDSTONE

AGE UNKNOWN

925 **B** SERPENTINITE

LATE DEVONIAN

928 **A** GRANODIORITE ORTHOGNEISS; CUTS ROCKS OF UNITS 1, 7a, 7c, AND 10b

LATE DEVONIAN-EARLY MISSISSIPPIAN








EAGLE BAY FORMATION (UNITS 1 AND 3 TO 12)

12 LIMESTONE: DARK TO LIGHT GREY, BANDED TO MASSIVE, MINOR DOLOMITE

11 TSHINAKIN LIMESTONE: MASSIVE, LIGHT GREY TO WHITE, FINELY CRYSTALLINE LIMESTONE AND DOLOMITE

913 **10** (a) GREENSCHIST DERIVED FROM MAFIC MASSIVE AND PILLOWED (p) FLOWS, BRECCIAS, AND TUFFS
(b) TUFF, PHYLLITE, AND MINOR AMPHIBOLITE: TYPICALLY WITH STRIPED APPEARANCE DUE TO THIN GREY AND GREEN INTERLAYERS; OCCASIONALLY ALTERED TO GARNET-EPIDOTE SKARN, LOCALLY WITH APPRECIABLE PYRRHOTITE, PYRITE, AND TRACES OF CHALCOPYRITE AND GALENA, LOCALLY WITH DISTINCTIVE ASBESTIFORM AMPHIBOLE

921 **9** BRICK RED TO RUSTY COLOURED SIDERITE AND/OR ANKERITE-RICH PHYLLITE


- BEDDING: TOPS KNOWN, OVERTURNED 
 BEDDING: TOPS NOT KNOWN 
 EARLY SCHISTOSITY: INCLINED, HORIZONTAL 
 PHASE 1 FOLD AXES 
 PHASE 2 FOLD AXES 
 INFERRED FAULT 
 GEOLOGICAL CONTACT 


LEGEND

LATE DEVONIAN-EARLY MISSISSIPPIAN (CONTINUED)

915 **8** HOMESTAKE SCHIST: PLATY, LIGHT RUSTY YELLOW-WEATHERING SERICITE-PYRITE-QUARTZ PHYLLITE AND FINE-GRAINED SCHIST

916 **7** (a) INTERMEDIATE TO FELSIC PHYLLITE AND FINE-GRAINED SCHIST DERIVED MOSTLY FROM FELSIC TUFFS AND LITHIC TUFFS; LOCALLY GRADES INTO MINOR, THINLY LAMINATED SERICITE-CHLORITE SCHIST AND PHYLLITE

 (b) INTERLAYERED CHERTY TUFF, CHERT, CALC-SILICATE ROCK AND THIN LAYERS OF IMPURE LIMESTONE

 (c) GREY TO GREENISH GREY SERICITE AND SERICITE-CHLORITE PHYLLITE, DERIVED MOSTLY FROM INTERMEDIATE TUFFS AND POSSIBLY SOME FLOWS; OCCASIONALLY WITH GOOD LAYERS OF VOLCANIC BRECCIA WITH FELSIC AND MAFIC CLASTS

(d) POORLY FOLIATED RHYOLITE

941 **6** (a) DARK GREY TO BLACK PHYLLITE; INTERBEDDED GRIT, SANDSTONE, SILTSTONE, AND ARGILLITE

(b) CALCAREOUS DARK GREY TO BLACK PHYLLITE, WITH THIN LAYERS AND LENSES OF GREY, IMPURE LIMESTONE AND OF WHITE CALCITE; VERY SIMILAR IN LITHOLOGY TO PARTS OF THE SICAMOUS FORMATION

904 **5** RELATIVELY PURE, LIGHT GREY QUARTZITE

914 **4** PYRITIC CHLORITOID-SERICITE-QUARTZ SCHIST AND SERICITE-QUARTZ SCHIST


917 **3** INTERLAYERED GRIT, MICACEOUS QUARTZITE, PHYLLITE, CALCAREOUS QUARTZITE, IMPURE LIMESTONE, CALCAREOUS PHYLLITE, AND MINOR GREENSCHIST (cg - CONGLOMERATE ON MOUNT ARMOUR)


911 **1** AMPHIBOLITE, MICACEOUS QUARTZITE, GARNET-BIOTITE SCHIST, IMPURE FINE-GRAINED MARBLE


LATE DEVONIAN

909 **2** FENNEL FORMATION





 (a) MASSIVE AND PILLOW BASALT WITH MINOR INTERBEDDED CHERT AND CHERTY ARGILLITE

 (b) CHERT AND RIBBON CHERT, LOCALLY BRECCIATED

 (c) QUARTZ FELDSPAR PORPHYRY (SPRAGUE CREEK - BIRK CREEK AREA)

 (d) CONGLOMERATE WITH PEBBLES AND COBBLES OF CHERT, ARGILLITE, QUARTZ FELDSPAR PORPHYRY, AND BASALT

SYMBOLS

- RADIOMETRIC AGE LOCALITY *
 FOSSIL LOCALITY ⊕
 MINERAL OCCURRENCE ■
 EARLY AXIAL TRACE:
 SYNFORM UPRIGHT, OVERTURNED 
 ANTIFORM UPRIGHT, OVERTURNED 
 LATE AXIAL TRACE:
 SYNFORM UPRIGHT, OVERTURNED 
 ANTIFORM UPRIGHT, OVERTURNED 

NOTE: The order of superposition between the Fennell Formation and the Eagle Bay Formation has been established. Units within the Eagle Bay Formation, however, are lithologic units and not lithostratigraphic units. For instance, every unit of greenschist within the Eagle Bay has been designated 10 regardless of its stratigraphic position.

SHOWINGS - Chu-Chua.

82M

#29 B Foghorn Ag, Pb, Zn, Cu

Three narrow qtz veins with Gal, sph, py.
Property underlain by Chlorite - Sericite - Schist.

#38 C Lydia Pb - Zn

Qtz veins, lenses + stringers carry Cp, Py, Po.
Chlorite - sericite schist intruded by a porphyry dyke
in vicinity of minz'n.
Minz'n (<100 Tons) production in 1916, 17.

92P?

#39 E Windpass Au, Cu, Bi, Ag

Mt, Cp, Py, Po, Au, Bi occur in a N-dipping shear zone
which cuts qtz-diorite. West part of deposit is a qtz
fissure filling; E part is a series of "replacement lenses"
containing mt.

#40 Produced ±70,000 Tons Cu-Au-Ag 1934-1939.

E Sweet Home Au, Cu, Bi

Qtz vein 20 to 38 cm wide sparsely minz'd with Py, Po, Cp, Bi, Au.

#41 G Gold Hill Au, Pb, Cu, Zn, Ag

- two parallel zones of shearing intruded with qtz + siliceous ferro-dolomite
- qtz str carry galena (Cp, Py, sph).

67?
ANACONDA-LYNX.

SHOWINGS - N. BARRIERE LK AREA

#59.

M

Copper Cliff Pb, Zn, Cu

The property is under by gently dipping argillaceous metasedimentary and basic + felsic metavolcanic rocks. Zones of "barren" MS-Pyrite and zones of diss. Py-Sph-Galena, Cp.

Minor production in 1938, 40 from 5 adits.

K

Rainbow Cu, Pb, Zn, Ag.

#131

N

May Cu, Zn

Same descrip. as for Broken Ridge.

#130

L

Broken Ridge Cu, Zn.

Lenses & blebs of Py & Po with minor Cp & Sph occur conformable to bedding in metasedimentary rocks.

#60

J

Harper (Cu, Pb, Zn)

Lenses of mass. Po + Py with Cp, Sph, & galena are stratabound in a metasedimentary-metavolcanic sequence.

#650

Enargite (Pb, Zn)

Qtzites, ls, & congl. are cut by sulphide-bearing Qtz veins & lenses. Minor production 1954

#51 P. EBL Cu

Diss. Py-Po-Cp occur in chl-schist
Minz'n close to granodiorite intrusion

#58 Q KAJUN (JUNE) Ag, Pb, Zn, Cu

Qtz veins (± 1 metre) intruded schists near a Ls contact
Short sections of the vein are well mixed with Pb-Zn.

#20 Twini Mt'n. Ag, Pb, Zn, Cu, Au, Barite.

Galena, sphalerite, pyrite, & Cp. occur in qtz lenses and
in altered dolomite assoc. with greenstone schist
Dolm-qtz zone up to 6M in width & 1400M strike.

#25 Homertake Ag, Pb, Zn, Au, Cu, Barite.

Talcose qtz sericite schist with discontinuous conformable lenses
of phyllite grade into platy greenstone 460 M above the mine
Massive barite 30cm to 9.45M thick occurs along the FW
Tetrahedrite, galena, sph, py, cp, argentite & native Ag
occur in Hw.

Reserve ± 1 MT	2.8% Ba	0.06% Cu
	0.4% Zn	0.70oz/t Ag
	0.25% Pb	

SHOWINGS - ADAMS PLATEAU.

11, 12 Big Ben

14, 15 Speedwell? Dominore

U Elsie Pb-Zn-Ag-Au

Thick sequence of argillites with local Ls and Ss.

Lenticular layers of Arseno, pyrite, galena, sph, argentite occur in limy schist, phyllites and greentone schist.

12 V Luckey Coon Pb-Zn-Ag-Au-As

narrow, slightly lenticular layers of sulphides (py-sph-gal) in limy qtz-sericite schist, phyllite & greentone schists

Several layers within 137M zone

Arseno, py, sph, galena, argentite.

13 T King Tut Ag-Pb-Zn Au

Limy schist, phyllites and greentone schist.

Qtz vein in sericite schist carries Py, Arseno, galena, sph.

± 68,000 Ton.

17 X Spar Pb Au Ag Cu

Phyllite, sericite schist and greentone schist

Py, Po, Sph + Galena occur at fold noses

#143

W FET (Pb-Zn)

No geol. descrip.

#138, 139??

Y BC (Cu-Pb-Zn)

interbedded phyllites and greenstones

Galena + sph finely diss. in siliceous phyllite

several bands + lenses of massive Mt.

16

Z MOSQUITO KING (Pb-Zn-Ag)

Fg Py, Sph, Gal + Po in siliceous beds of argillite + gtz-ser.

± 19,000 T 1% Zn, 1.5% Pb, 1 oz/t Ag.

82 M 3,4,5,6,11,12

92 P 1,8,9

82 L 13,14

92 I 9,16

DATA - BARRIERE LAKES / ADAMS PLATEAU AREA

On File?

OKulitch, A.V. (1979): Thompson - Shuswap - Okanagan

GSC Open File 637

Ordered.

Preto, V.A. (1980) Barriere Lakes - Adams Plateau Area. ✓

BC EMR Paper 1980-1 pp. 28-36.

(1981)

BC EMR Paper 1981-1 pp. 15-23. ✓

Campbell, R.B. (1963): Adams Lake

GSC Map 48-163

Preto, V.A. (1979) Barriere Lakes - Adams Plateau ✓

BC EMR Paper 1979-1 Pg. 31-37

Campbell, R.B. and OKulitch, A.V. (1973): Stratigraphy and Structure of the Mount Ida Group, Vernon; Adams Lake, and Bonaparte Map areas GSC Paper 73-1 Not listed.

Campbell, R.B. and Tipper, H.W. (1971): Bonaparte Lake Map-Area, B.C.

GSC Mem. 363

Ordered.

Fyson, W.K. (1970): Structural Relations in Metamorphic Rocks, Shuswap Lake Area, B.C., in Structure of the Southern Canadian Cordillera. J.O. Wheeler, editor, GAC, Special Paper 6 pp. 107-122.