PROSPECTING & GEOCHEMICAL REPORT

ON

THE FINLAYSON PROJECT

EXPO
FLY
HOME
POP

NTS MAP SHEET 105 G/1

LATITUDE 61° 13' N LONGITUDE 130° 15' W

WATSON LAKE MINING DISTRICT

Prepared by Claim Owner:

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For Work Performed Between:

July 27 – August 01, 2003

January 15, 2004

SUMMARY

The Expo Property consists of two separate claim blocks approximately 1.5 km apart.

Cominco optioned the ground while investigating for VMS deposits in the Finlayson District. Three holes were drilled, with encouraging results.

In 1998, emeralds were discovered approximately 10 miles to the west-northwest by Archer Cathro. Cominco's work on the Expo claims found high Cr numbers, especially on the most westerly block. Be was not tested for.

The 2003 program was an attempt to ascertain if the intrusives in the area contained Be, and if beryl or gem beryl mineralization could be located on the surface.

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INTRODUCTION

This report is prepared to satisfy the requirements for assessment work as set out under the *Yukon Quartz Mining Act*, to consolidate information collected during the 2003 field season, and to satisfy Yukon Mineral Incentives Program (YMIP) requirements.

HISTORY

In 1992 the author, following up government released RGS data, discovered banded Pb/Zn mineralization assaying 17% combined Pb/Zn. As well, a 100-foot thick bed of massive barite was discovered approximately 2 km west of the Akhurst showing. Cominco, having just discovered the ABM deposit, optioned the ground.

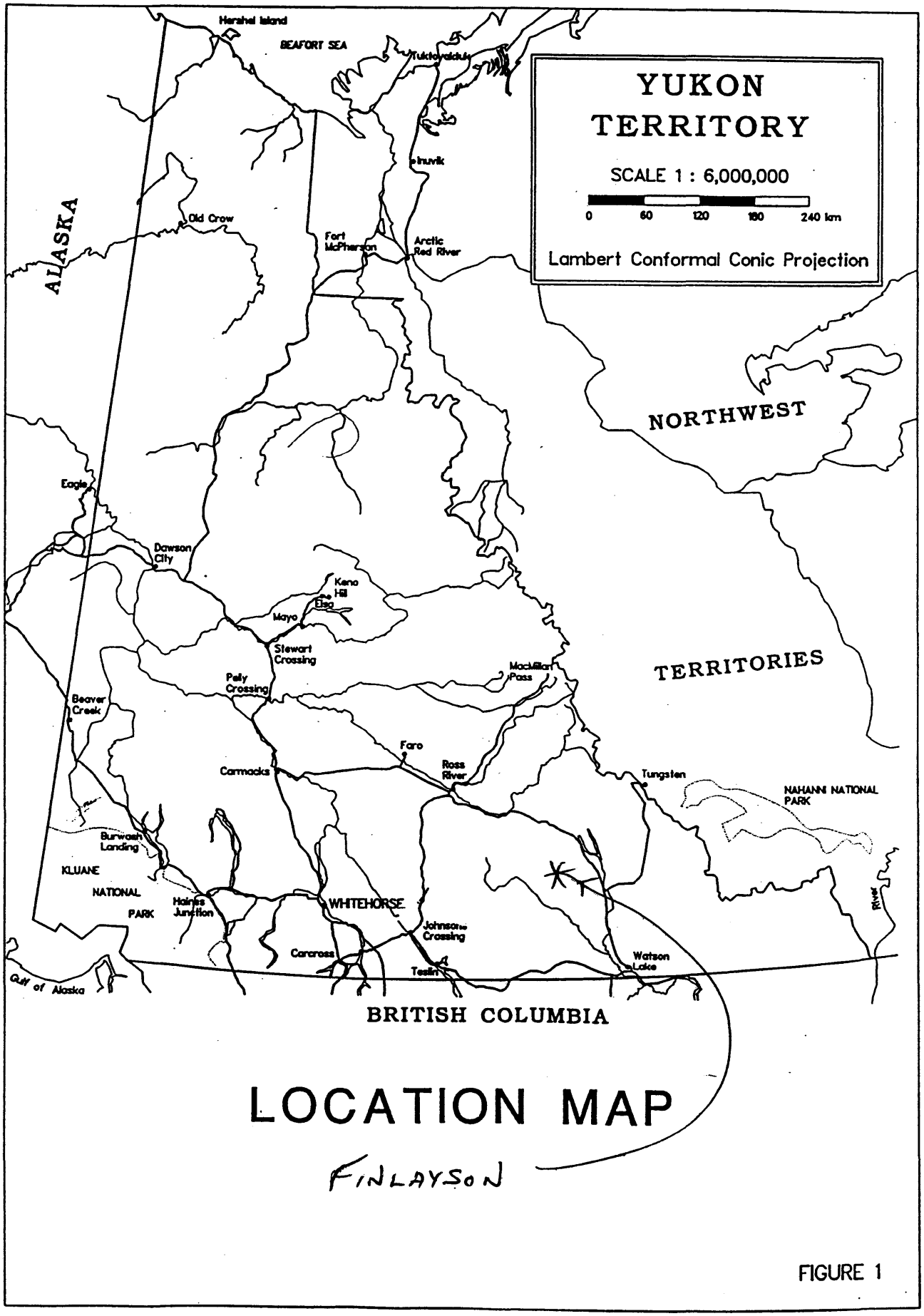
The company did soils, mapping, geophysics (HLEM/MAG, gravity) and drilled three holes between 1994 and 1997.

ACCESS AND PHYSIOGRAPHY

The EXPO properties are 20 kms east of Fire Lake, 35 kms southeast of Cominco Ltd.'s Kudz Ze Kayah VHMS Deposit and approximately 150 kms southeast of Ross River (Figure 1). The gravel, all weather Robert Campbell Highway provides access to within 35 kms of the properties. Direct access to the properties is by helicopter. (Cominco, 1997)

Access in 2003 was via a Hughes 500 from Finlayson Lake 0.3 hours away.

The countryside consists of low mountains to 7,000+ feet. Outcrop is sparse below treeline (4,500 feet) and even above treeline is often only exposed in creek beds.



LOCATION MAP

FINLAYSON

FIGURE 1

A large gossanous zone dominates the above treeline area of the eastern claim block. A broad (1.5 km) valley separates the blocks and is home to abundant willow and buck brush.

PROPERTY

The two claim blocks consist of 102 claims as follows:

Claim Name/No.	Grant No.	Owner	Stake Date	Expiry Date
EXPO 9	YB51960	R. Berdahl 51%		June 28, 2004
EXPO 29–30	YB51980–51981	T. Mickey 49%		May 15, 2004
EXPO 32	YB51983			May 15, 2004
EXPO 47–52	YB51998–52003			May 15, 2004
EXPO 65–69	YB52016–52020			May 15, 2004
EXPO 77–78	YB52028–52029			May 15, 2004
EXPO 81	YB52032			May 15, 2004
EXPO 169–180	YB52118–52129			May 15, 2004
EXPO 189–200	YB52138–52149			May 15, 2004
EXPO 202	YB52151			May 15, 2004
EXPO 219	YB52168			May 15, 2004
EXPO 221	YB52170			May 15, 2004
EXPO 223–226	YB52172–52175			May 15, 2004
EXPO 227–232	YB52176–52181			May 15, 2006
EXPO 239	YB52188			May 15, 2004
EXPO 240–243	YB52189–52192			May 15, 2004
EXPO 244–249	YB52193–52198			May 15, 2006
EXPO 256	YB52205			May 15, 2004
EXPO 257–265	YB52206–52214			May 15, 2004
EXPO 266–271	YB52215–52220			May 15, 2006
FLY 9–14	YB47662–47667			April 15, 2006
HOME 2	YB47361			April 15, 2005
POP 5–8	YB47650–47653			April 15, 2005

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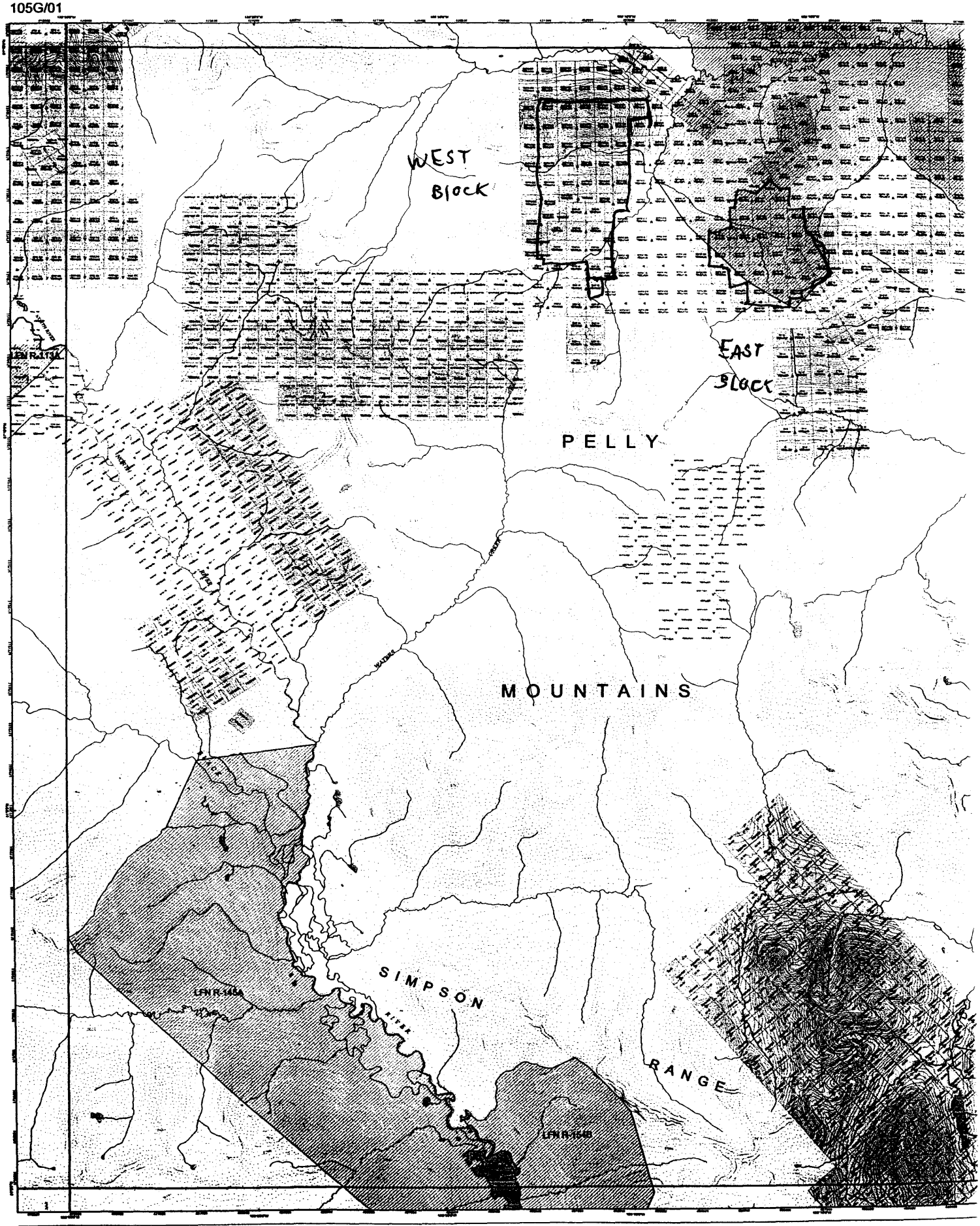


105G/01

MINING CLAIMS

Claim Name/No.	Grant No.	Owner	Stake Date	Expiry Date
POP 18	YB47385			April 15, 2005
POP 19–26	YB47654–47661			April 15, 2005

REGIONAL GEOLOGY

The YTT consists of a sequence of metamorphosed rocks comprising a "lower unit" (31 in Mortensen 1983a) of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian "middle unit" comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics, and an "upper unit" of Pennsylvanian marbles and quartzite. Volcanism within the "middle unit" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites (Simpson Range suite and augen and monzonitic orthogneisses). This sequence appears to reflect stable platformal or shelf sedimentation with an intervening period of mafic to felsic arc volcanism developed within a more reduced basinal setting. Felsic volcaniclastics of the "middle unit" are host to Cominco's ABM VHMS Deposit. (Cominco, 1997)

The late Devonian to Triassic Slide Mountain Terrane (SMT) is composed of a heterogeneous package of mafic to untramafic plutonic rocks, mafic volcanics, massive carbonates and cherts. This sequence is generally accepted to be structurally emplaced as thrust bounded klippen on YTT rocks or as thrust slices imbricated within YTT rocks during a period of crustal shortening. (Cominco, 1997)

Late Triassic immature clastics composed of micaceous argillites, siltstones and sandstones unconformably (?) overlie the deformed and metamorphosed YTT rocks. These sediments are often closely associated with SMT volcanics and are invariably in fault contact with YTT rocks. (Cominco, 1997)

The SMT, Late Triassic sediments, and Late Triassic to Middle Jurassic plutons are all affected by a period of Middle Jurassic to Late Cretaceous thrust faulting, during which the

Finlayson Lake Fault Zone was formed. This complex fault zone contains both thrust and steep, transcurrent (?) faults and separates the YTT from autochthonous North America (Mortensen, 1983a; Mortensen and Jilson, 1985). (Cominco, 1997)

PROPERTY GEOLOGY

POP Property

Geology

The POP property is underlain by late Devonian to mid-Mississippian, *"middle unit"* felsic metavolcanics (3G) and carbonaceous phyllite and schist with interbanded mafic metavolcanics (3F). (Cominco, 1994)

The property is generally poorly exposed with outcrops restricted to ridges and hill slopes. The stratigraphy generally trends northeast with shallow to moderate (8-37°) northwest dips and comprises a mixed felsic metavolcanic and metasedimentary complex with locally minor mafic metavolcanics present at the north end of the property (Figure 3). (Cominco, 1994)

The geophysical grid covers an AEM/Mag feature located in a valley bottom in an area of presumably no outcrop. (Cominco, 1994)

The southern part of the property, south of the grid, exposes a felsic volcaniclastic sequence comprising brown to rusty weathering, locally pyritic quartz-feldspar-sericite-chlorite schists and phyllitic schists (fine tuff to coarser crystal-rich tuff; possible flows?) underlain by a locally rusty, variably carbonaceous dark grey siltstone to black mudstone. The metasediments are locally cut by a 4 metre thick rusty schistose diabase dyke near the base of slope. (Cominco, 1994)

The northern part of the property is underlain by interbedded/banded intervals of massive, light grey to rusty weathering, fine-grained, granular and variably siliceous quartz-sericite-feldspar-chlorite schists and phyllitic schists (fine to medium-grained, crystal-rich tuff to

fine ash tuff) containing between 2-10% fine disseminated pyrite separated by thin to thick intervals of medium to dark grey phyllitic argillaceous siltstone. A light to medium grey green, locally strongly rusty weathering, fine-grained aphanitic to feldspar-chlorite±quartz schist (intermediate to mafic volcanic/intrusive?) containing 5-10% fine disseminated pyrite±pyrrhotite and trace magnetite is present. This intermediate-mafic unit appears to be locally calc-silicate hornfelsed, quartz-calcite-epidote veined and possibly related to Zn-Pb-Cu-Ag and Pb-Zn-Ag mineralization at the Berdahl showing. (Cominco, 1994)

Mineralization: Berdahl Showing

The Berdahl showing is a small hydrozincite-malachite-azurite stained outcrop of brecciated, rusty felsic and intermediate-mafic volcanics with fracture and vein filling calcite-quartz-sphalerite-galena-chalcopyrite. A grab sample returned 1.3% Zn, 1.0% Pb, 0.2% Cu and 37 g/t Ag. (Cominco, 1994)

Approximately 100 metres east and downslope of this outcrop are hydrozincite stained float of high grade, fine to medium-grained galena-sphalerite disseminated within a light to medium green, fine-grained siliceous, calc-silicate hornfels (skarned intermediate-mafic volcanic?). Grab samples of float returned up to 7.8% Pb, 3.1% Zn and 83 g/t Ag. (Cominco, 1994)

EXPO Property

Two significant areas of base metal mineralization were discovered in 1994 which led to the staking of the EXPO property. (Cominco, 1994)

WHITE CREEK Showings

The White Creek Showings are located in a creek approximately 1.5 kms north of the POP property, within an area included in the Berdahl Option (Figure 3). (Cominco, 1994)

The main showings consists of VHMS-style mineralization comprising at least 3 bands (up to 1.0 metres thick) of sulphides hosted within a siliceous and barite-carbonate altered (?)

felsic volcanic unit. The upper and lower "bands" consist of granular, fine-grained pyrite with minor sphalerite and trace magnetite as wispy bands and fine fracture fillings. Grab samples from these 2 "bands" returned up to 0.9% Zn, 8.2 g/t Ag and 43.0% Ba. The middle "band" comprises massive, very fine-grained pyrrhotite-pyrite±marcasite with wispy reddish brown sphalerite. Grab samples from this band returned better results, up to 2.6% Zn, 0.2% Cu, 13.2 g/t Ag and 1.5% Ba. The mineralized sequence is about 10 metres thick in the showing area. (Cominco, 1994)

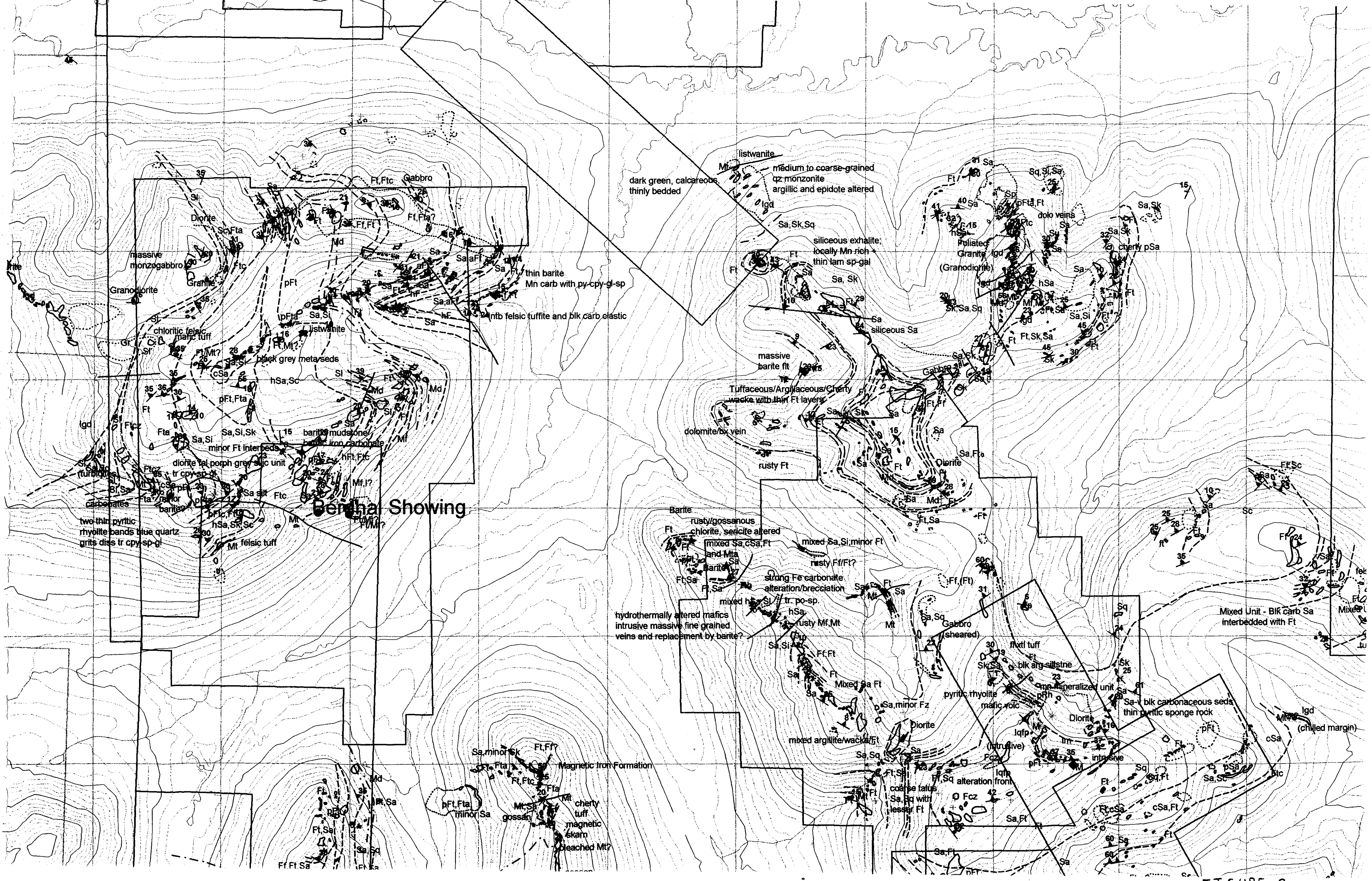
About 600 metres up the creek from the main showings, several outcrops of very rusty weathering felsic tuffs containing pyritic bands are present. A float cobble from this area was found to contain banded pyrite and grey sphalerite with lesser chalcopyrite and returned 4.6% Zn, 0.3% Cu, 0.3% Pb and 55.5 g/t Ag (Figure 3). This mineralization has not been sourced. (Cominco, 1994)

The showings appear to be found near the base of a thick sequence of felsic tuffaceous rocks that can be traced to the south onto the POP property and to the north. This sequence is north-trending with shallow to moderate (10-30°) west dips. No soil geochemistry sampling was undertaken in this drainage. (Cominco, 1994)

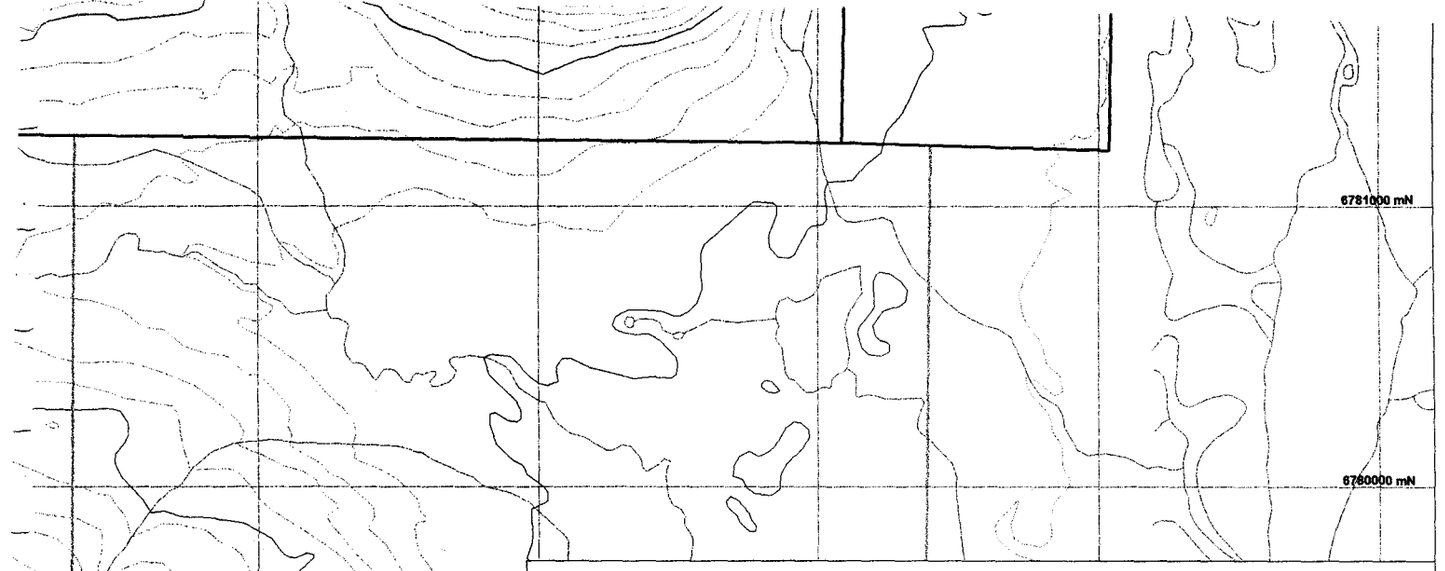
AKHURST CREEK Showings

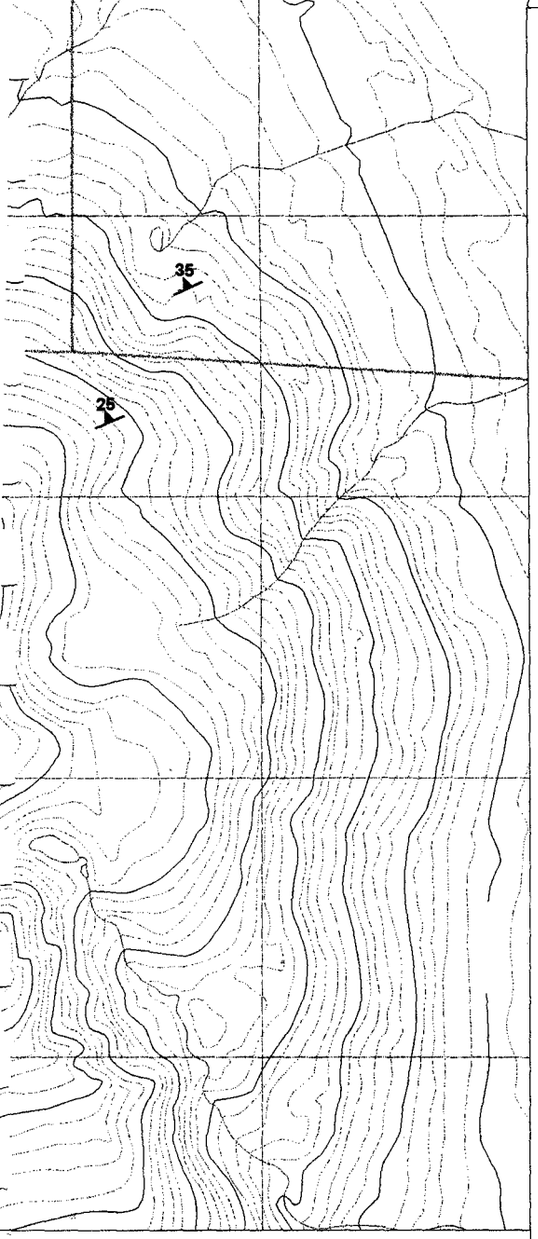
The Akhurst Creek Showings are located along 2 creeks in the Akhurst Showing area, approximately 1.0 km west of the north end of the FLY property, within an area included in the Berdahl Option (Figure 3). The Akhurst barite Showing, also located in this area, was not visited. (Cominco, 1994)

The Akhurst Creek Showings comprise abundant float cobbles and boulders of black, very fine-grained, laminated magnetite-silica-barite Fe-formation containing very fine-grained wispy pyrite-sphalerite and trace galena-chalcopyrite. Grab samples returned up to 3.6% Zn, 0.7% Pb, 0.3% Cu, 37.8 g/t Ag and 9.5% Ba. The source of this mineralization is unknown. (Cominco, 1994)



Berdhal Showing
massive monzogabbro
Granodiorite
Diorite
Gabbro
chloritic felsic mafic tuff
black grey meta seds
listwanite
barite mudstone
minor Ft interbeds
diorite fel porph grey silic unit
tr cpy-sp-gl
two thin pyritic rhyolite bands blue quartz grits diss tr cpy-sp-gl
felsic tuff
carbonates
thin barite
Mn carb with py-cpy-gl-sp
felsic tuffite and blk carb clastic
dark green, calcareous, thinly bedded
medium to coarse-grained qz monzonite
argillic and epidote altered
siliceous exhalite; locally Mn rich + thin lam sp-gal
siliceous Sa
massive barite flt
Tuffaceous/Argillaceous/Cherty wacke with thin Ft layers
dolomite/bx vein
rusty Ft
Foliated Granite
(Granodiorite)
dolo veins
cherty pSa
rusty/gossanous chlorite, sericite altered
mixed Sa,cSa,Ft and Mta
mixed Sa,Si,minor Ft
rusty Ff/Ft?
strong Fe carbonate alteration/brecciation
tr. po-sp
rusty Mf,Mt
hydrothermally altered mafics intrusive massive fine grained veins and replacement by barite?
Gabbro (sheared)
fl/xtl tuff
blk arg siltstne
mn mineralized unit
pyritic rhyolite
mafic volc
Sa-v blk carbonaceous seds thin pyritic sponge rock
Mixed Sa Ft
Sa,minor Fz
mixed argillite/wacke/Ft
(intrusive)
intrusive
alteration front
coarse tafus Sa,Sq with lesser Ft
Mixed Unit - Blk carb Sa interbedded with Ft
(chilled margin)
Magnetic Iron Formation
cherty tuff
magnetic skarn
bleached Mt?
gossan





Geology Legend

S Meta-sediments

Sa,Si	argillite,siltstone
Sg	grit
Ss,Sq	arenite,quartzite
Sm	marble
Sk	wacke
Sl	limestone
Sc	chert
Sb	breccia

F Felsic metavolcanics

FRf	rhyolite	Fta	ash
Ft	tuff	Ftl	lapilli
Ff	flow	Ftb	bomb
Fs	sill	Ftv	vitric
Fd	dike	Ftc	crystal
		Fth	lithic
aFt	argillaceous felsic tuff		

N Intermediate Metavolcanics

AN	Andesite	Nta	ash
Nt	Intermediate Tuff	Ntl	lapilli
Nf	flow	Ntb	bomb
Ns	sill	Ntv	vitric
Nd	dike	Ntc	crystal
		Nth	lithic

M Mafic metavolcanics

BM	Basalt	Mta	ash
Mt	Mafic Tuff	Mtl	lapilli
Mf	flow	Mtb	bomb
Ms	sill	Mtv	vitric
Md	dike	Mtc	crystal
		Mth	lithic
		x	non-specific
		m	lamprophyre

I Meta-intrusives

Iu	"Slide Mountain" ultramafics
Ifp,Iqfp,Ifqp	Porphyries
Igt	granite
Igd	granodiorite
Iqm	quartz monzonite
Igb	gabbro
Id	diorite
Imo	monzonitic augen orthogneiss
Igm	two mica granite/migmatite

MODIFIERS

a	argillaceous
b	biotittic
c	carbonaceous
d	feldspar phyric
e	graded
f	fragmental textured
g	granular textured
h	cherty
i	silty
l	calcareous
m	mottled
n	carbonatized
o	chloritic
p	quartz phyric
r	ribboned
s	spherulitic
t	tuffaceous
z	quartz phyric

N W E S

093816

Talus/subcrop
Outcrop
Small outcrop
1997 geology station location

BARITE outcrop
BARITE float
SULPHIDE (VHMS Style) outcrop
SULPHIDE (Skarn style) outcrop
Tr Sp and/or Cpy and/or Ga
Fe formation outcrop
Fe formation float/boulders

S_0 dip
S_1 foliation, vertical
S_2 foliation
Lineation with plunge
Laminations
Clevage
Normal Fault
Thrust fault
Shear Zone
Conformable contact
Intrusive contact
Fault

COMINCO LTD.

Expo/Xpo/Fly/Pop
Geology Map
1997 Mapping
Assessment Report

093816

Projection: UTM Zone 9 (NAD 27 for Canada)

0 500 1000
metres

The regional significance of this baritic, magnetite Fe-formation and its stratigraphic position relative to the baritic and magnetite-bearing, ABM VHMS Deposit and the Fe-formation at Wolverine Lake is uncertain. Other Zn-Pb-Cu VHMS deposits found in felsic volcano-sedimentary terranes (ie. Bathurst District) occasionally have well developed Fe-formations (either ferruginous oxides formed through sea-floor weathering of sulphides or cherty ferruginous precipitates formed from low-temperature hydrothermal activity) in the hangingwall to the deposits (Franklin, 1993). Besshi-style Fe-Cu±Zn-Ag massive sulphides with an associated, distal (?), magnetite Fe-formation occur at or near the contact of mafic volcanics and fine sedimentary rocks at Fire Lake (Minfile #34). (Cominco, 1994)

Two outcrops found in the creek consists of intercalated siliceous and locally calcareous felsic tuff and minor mafic tuff, barite and manganiferous, siliceous exhalite (?) containing minor fine-grained disseminated pyrite-sphalerite mineralization. Sheared and veined chloritic and siliceous phyllitic tuffs from this area returned impressive values of up to 10.8% Zn, 0.3% Pb, 0.3% Cu and 325 g/t Ag. The barite showing in this area returned 1.3% Zn, 1.3% Pb, 30.0 g/t Ag and 18.0% Ba. The nature of this high grade, Ag-rich mineralization is not understood at present. (Cominco, 1994)

MINERALIZATION

POP Property

Two occurrences of fracture and vein filling and skarn (?) Zn-Pb-Cu-Ag and Pb-Zn-Ag mineralization were found at the Berdahl showing. Grab samples of float returned up to 7.8% Pb, 3.1% Zn and 83 g/t Ag. Further geological mapping, prospecting and soil geochemistry sampling is strongly recommended for this area. (Cominco, 1994)

EXPO Property

Two significant areas of base metal mineralization were discovered in 1994 which led to the staking of the EXPO property. (Cominco, 1994)

WHITE CREEK Showings

The main showings consists of VHMS-style mineralization comprising at least 3 thin bands of sulphides hosted within a siliceous and barite-carbonate altered felsic volcanic unit. Grab samples from the middle band returned encouraging results up to 2.6% Zn, 0.2% Cu, 13.2 g/t Ag and 1.5% Ba. The mineralized felsic sequence is about 10 metres thick in the showing area. (Cominco, 1994)

Up the creek from the main showings, several outcrops of very rusty weathering felsic tuffs containing pyritic bands were located. A float cobble returned 4.6% Zn, 0.3% Cu, 0.3% Pb and 55.5 g/t Ag. This mineralization has not been sourced. (Cominco, 1994)

Outcrop exposure in this area is generally poor since much of the valley is tree and brush covered. The area is underlain by late Devonian to mid-Mississippian, "middle unit" felsic metavolcanics and carbonaceous phyllite and schist with interbanded mafic metavolcanics. (Cominco, 1997)

A strong north tending S_2 cleavage oriented sub-parallel to the primary layering is present throughout the White Creek area. Dips area generally sub-horizontal; however, can be up to 55 degrees. 1997 mapping identified further felsic interval occurrences and thin barite interbands in the felsics. Along with the baritic areas, minor mineralization of py-po-ga-sp were also recorded; continuing identification of mineralized units supports the interpretation of this area as a potential host of a VHMS style deposit. To the northwest of the felsic units, an area of granitoid intrusives was also mapped in 1997. (Cominco, 1997)

AKHURST CREEK Showings

The Akhurst Creek Showings comprise abundant float cobbles and boulders of black, very fine-grained, laminated magnetite-silica-barite Fe-formation containing fine pyrite-sphalerite and trace galena-chalcopyrite. Grab samples returned up to 3.6% Zn, 0.7% Pb, 0.3% Cu, 37.8 g/t Ag and 9.5% Ba. The source of this mineralization is unknown. (Cominco, 1994)

Two outcrops found in the creek consiss (sic) of intercalated siliceous and locally calcareous felsic tuff and minor mafic tuff, barite and manganiferous, siliceous exhalite containing minor fine-grained disseminated pyrite-sphalerite mineralization. Samples from this area returned impressive values of up to 10.8% Zn, 0.3% Pb, 0.3% Cu and 325 g/t Ag. The barite showing in this area returned 1.3% Zn, 1.3% Pb, 30.0 g/t Ag and 18.0% Ba. The nature of this high grade, Ag-rich mineralization is not understood at present. (Cominco, 1994)

Detailed mapping over the Akhurst area in 1997 continued the delineation of the sedimentary and mixed metavolcanics previously identified in the area (MacRobbie 1994, 1995). 1997 mapping identified altered felsic units and gossans northwest of the main Akhurst area. This area also showed barite replacement in veins and units that are strongly pyritic. The alteration found is dominantly chloritic with minor Fe-carbonate and sericitic altered areas also mapped. The identified alteration is similar to the alteration seen at Kudz Ze Kayah and supports the interpretation of the Akhurst area as a potential VHMS host. (Cominco, 1997)

Stratiform to massive Zn, Pb, Ag float mineralization was found on both claim blocks (R–32, R–34) (R–39, R–40, R–41). These samples ran to over 9,999 ppm Zn and 44 g Ag (assays pending).

The R–32 area represents a new showing below a carbonate/granite contact, but is not a skarn-type mineralization.

Barite is widespread. A new showing was discovered on the east claim block.

The Slide Mountain Terrane is probably responsible for the not uncommon mariposite float (a chromium source for emeralds). Low Be values were found throughout the area.

WORK PROGRAM

A reconnaissance program was carried out over all areas of both claim blocks. Rocks were lamped, and obvious beryl mineralization was looked for. A single soil line (1,700 m) was run along the west side of the eastern claim block.

Stream silts were taken for Be analysis. Granitics were sampled for the same. Gossans, as always, were explored.

Samples were sent to ACME Labs in Vancouver, B.C. for 37-element ICP/ES and MS and Be analysis (see assay sheets for methodology).

RESULTS

Two new showings were discovered. A barite showing (probably a continuation of the Akhurst Ba) was found on the east claim block. A float 'layered' Zn, Ag, Pb (R–32–34) was discovered on the west block in meter-cubed float.

As well, a significant 500-m long Zn anomaly was outlined in an unexplored, till-covered west side of the east block, soil Zn values were to 5,392 ppm Zn (Cd values to 33.74 ppm), and Au values to 568 ppb. Cr, V and Be values were also slightly elevated along portions of the line (299, 340, 1.9 respectively).

Hg and Se numbers are extraordinarily high in R–32, 34 and 39: Hg values to 4,889 ppb and Se values >99 ppm.

Ba values are low despite mineralization, probably because of poor digestion. There is a general Zn:Cd relationship.

Red and orange soils (as opposed to yellow) are higher in Pb.

CONCLUSIONS AND RECOMMENDATIONS

Recce work confirms previous observations by Cominco that there is good potential for VMS deposits in the claim area. Emerald exploration is a lesser priority. A new Zn, mineralized area was discovered which could, with detailed mapping and geophysics, extend the potential felsic stratigraphy found in EX96–01 and EX97–03 nearly 1 km to the west. Thus, the recommendation is to do that mapping and geophysics.

In addition, more soils and geophysics need to be done near the anomalies on the soil line on the east block.

Drilling is needed to account for the banded and massive VMS float and barite showing on the east block.

REFERENCES

Bannister, V. L., 1997. 1997 Assessment Report. EXPO, POP, FLY, et al. Geologic mapping, prospecting, diamond drilling and geochemical sampling. AR 093816.

MacRobbie, P. A., 1995. 1994 Assessment Report. POP, BASE, HOME, RUN, BALL, FLY and BAT (EXPO Properties). Linecutting, ground geophysics (HLEM/MAG) and gravity soil geochemistry and geological mapping. AR #093338.

Tulk, L. A., 1997. 1996 Assessment Report. EXPO Property et al. Picketing, gravel geophysics, (HLEM/MAG) soil geochemistry and geological mapping. AR 093581

APPENDIX A

SAMPLE DESCRIPTIONS

FINLAYSON

Prepared by

Ron S. Berdahl

SAMPLE DESCRIPTIONS

Soil Line 1 – 17 @ 100 m stations

1	dry, brown silt; moist, 6"	low slope
2	at barite bed; brown sand/silt, moist, 9"	low-medium slope
3	brown gravel/silt, organic, 12"	steep
4	brown gravel/silt, moist, 6"	medium slope
5	brown silt, moist, 6"	medium slope
6	brown silt/organic, moist, 6"	medium slope
7	brown gravel/silt, moist, 12"	steep slope
8	brown gravel/sand/silt, moist, 14"	steep slope
9	brown gravel/sand/silt, moist, 9"	steep slope
10	grey, gravel/sand, moist, 8"	medium slope
11	brown, gravel/silt, organic, 9"	steep slope
12	grey-brown, gravel/silt/sand, moist, 9"	medium slope
13	brown, gravel/silt, moist, 9"	medium slope
14	— no data —	
15	brown, silt, moist, 6"	low slope
16	grey, gravel/silt, 2"	low slope
17	grey-brown, sand/silt/gravel, moist, 4"	flat/low slope

Prefix 03 G–1 D – soil
S – silt
R – rock

R–1	carbon-rich fault breccia with minor limo veinlets, quartz clasts
R–2	limonite-rich breccia within light-coloured barite (?)
R–5	phyllite
M94 R75	Cominco float, medium black aphanite with sulfide
R–9	light-coloured, platy, almost micaceous rock; rusty on fractures with >10% pyrite et al, galena
D–10	yellow soil (compare with '92 dirt pile #)
R–10	quartz float from stained talus slope
D–11	orange soil east talus slope
D–12	yellow soil west talus slope
D–13	rusty soil in east/west fault
R–14	mafic rock in shear near limestone, granite, schist contact
D–15	yellow soil, in saddle
R–16	ribbon quartz through mafic schist, red-orange limonite, no sulfides
R–17	light green silicified metasediment (quartzite?) with 10% sulfide
D–18	yellow soil <12"
D–19	red soil <12"
R–20	quartz vein cross-cutting mafic chlorite schist

R–21	diorite (?)
D–22	bright yellow soil – surface
D–23	bright orange soil – surface
R–24	mafic schist
R–25	shear breccia, hematite stained, metavolcanic
R–26	green aphanite, manganese stained with green quartz (?) fluorite (?) vein and calcite veins not tested
R–27	quartz through metavolcanic with pyrite (float)
R–28	silicified mafic schist with cross-cutting quartz veins to ¼"
R–29	float, orange quartz
R–30	granitics – various, from cirque
D–31	clay from small lake
R–32	rusty, 'banded' silicified sulfides in large 2 m^2 float boulders
R–33	gossan (limestone/granite contact) float
R–34	silicified rusty metasediments, saphalerite, galena, pyrite
R–35	vuggy to pegmatitic granites
R–36	metasediments, black phyllites
R–37	quartz float, white, some light orange stain
R–38	vuggy limonitic quartz white to grey
R–39	Fe-rich metasediments, silicified, 'banded', 25% sulfides
R–40	as above with Pb oxide stain
R–41	Fe-rich with limonite, more massive, no banding/bedding

APPENDIX B

GEOCHEMICAL SHEETS

FINLAYSON

Prepared by

Ron S. Berdahl

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Berdahl, Ron File # A400159

Box 11250, Whitehorse YT Y1A 6N4 Submitted by: Ron Berdahl

	SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Be ppm	Sample gm
	SI	.26	.37	.27	.6	2	.2	.1	4	.07	1.8	<.1	<.2	<.1	1.7	<.01	<.02	<.02	<2	.08	<.001	<.5	1.6	.01	3.1	.004	<1	.01	.341	<.01	<.1	<.1	<.02	.01	<5	<.1	<.02	<.1	<.1	15
	03 G1 R-1	13.56	68.97	6.57	128.7	658	28.2	1.1	28	.75	24.9	2.8	1.7	1.6	53.9	1.01	8.67	.09	161	.29	.202	7.1	19.5	.03	987.5	.003	1	.25	.004	.09	.2	1.4	.10	<.01	102	14.4	.24	.9	.1	15
	03 G1 R-2	4.19	34.20	1.99	1587.4	84	197.9	38.0	1049	3.12	9.2	2.1	.8	.6	307.3	21.89	4.46	.02	20	3.99	.022	6.8	3.7	2.34	1846.6	<.001	<1	.39	.001	<.01	<.1	1.1	.04	.06	8	1.3	.03	.2	.3	15
	03 G1 R-5	11.42	36.21	8.82	99.6	3706	23.9	1.0	74	1.05	145.6	7.6	1.0	1.7	37.3	1.98	9.84	2.62	97	.39	.186	7.6	58.3	.20	2421.6	.005	1	.34	.004	.12	.1	.8	.17	.05	31	5.1	.54	1.3	.4	15
	03 G1 R-6	3.57	12.52	2.03	194.8	168	32.3	2.9	883	.65	4.0	.4	1.0	.1	37.0	2.88	1.12	.05	5	1.84	.005	1.7	18.1	1.00	2291.5	.005	<1	.04	.003	.01	<.1	2.4	<.02	.05	7	.2	<.02	.1	.1	15
	03 G1 R-9	1.27	36.29	487.64	337.7	1645	15.7	18.8	473	4.74	27.9	.5	5.3	3.9	34.1	1.23	30.68	1.50	43	.35	.036	3.9	61.0	1.66	19.6	.180	<1	1.49	.025	.06	.5	4.3	.03	3.92	96	9.8	2.08	4.1	.1	15
	03 G1 R-10	4.44	20.43	27.92	60.0	193	6.6	2.0	154	1.69	17.4	.3	4.2	1.8	28.7	.14	.60	.22	7	.03	.022	5.8	20.4	.17	1064.3	.015	<1	.24	.004	.02	<.1	.9	.02	.10	21	2.0	.20	.7	.1	15
	03 G1 R-14	.24	1.96	2.34	106.5	11	4.0	15.2	1084	4.20	2.8	1.7	.5	13.6	14.5	.04	.22	.04	97	.46	.046	15.1	15.9	2.47	198.4	.010	<1	2.28	.021	.11	.4	7.4	.03	<.01	<5	<.1	<.02	8.8	.2	15
	03 G1 R-16	2.84	14.23	57.34	82.1	188	9.7	1.8	372	2.09	5.0	.3	.5	1.7	1.1	.02	.11	.22	18	.01	.010	1.6	20.0	.68	25.3	.004	<1	.90	.002	<.01	<.1	.9	<.02	<.01	9	.6	.07	3.1	.1	15
	03 G1 R-17	1.21	10.93	3.64	14.7	129	3.4	17.3	84	3.20	6.1	.2	3.1	1.3	38.7	.04	.25	1.36	36	.39	.043	9.5	9.0	.26	64.7	.121	<1	.57	.027	.14	.6	2.7	.07	1.80	<5	1.8	1.21	2.3	.2	15
	03 G1 R-20	1.27	38.02	201.99	393.3	264	13.1	10.1	2225	4.28	8.8	.3	.9	2.7	60.6	.65	.32	.25	58	.54	.062	3.5	66.7	2.74	33.8	.107	<1	2.43	.016	.01	.3	3.3	<.02	.91	22	4.7	.36	6.2	.2	15
	03 G1 R-21	3.36	68.12	6.82	234.8	402	32.5	7.6	222	4.11	17.6	1.3	.4	8.0	5.6	.29	5.30	.36	22	.01	.062	27.6	9.9	.04	302.9	.009	2	.44	.005	.25	.3	1.4	.10	.01	263	6.2	.09	1.6	.4	15
	03 G1 R-24	14.51	162.85	5.30	269.7	697	93.5	5.2	79	1.80	15.0	3.4	5.0	1.1	66.9	.93	1.70	1.62	119	.02	.114	5.6	36.0	.04	2353.6	.002	<1	.30	.002	.06	.2	2.4	.04	<.01	25	2.9	.82	1.1	.3	15
	03 G1 R-24A	.72	4.04	14.80	205.4	104	3.4	15.6	2016	1.10	9.5	1.4	1.3	11.8	9.5	1.77	.26	.05	2	.54	.023	55.0	2.8	.25	172.2	.006	1	.78	.008	.20	.2	2.1	.11	.06	26	.1	<.02	2.0	.2	15
	03 G1 R-27	9.06	117.77	12.81	336.5	2083	208.7	57.1	649	11.79	17.5	1.0	24.1	1.2	16.8	.16	.53	.46	83	.49	.170	6.5	103.1	2.83	3.9	.094	<1	2.31	.001	.01	.1	2.2	<.02	>9.99	32	59.3	.57	12.0	.1	15
	03 G1 R-28	5.51	22.16	13.90	35.1	997	29.6	4.4	104	2.83	64.3	.4	4.6	.9	3.0	.13	3.87	.43	12	.05	.021	2.6	15.1	.27	54.4	<.001	<1	.38	.002	.06	.9	.4	.11	2.51	47	4.0	.21	1.3	.1	15
	03 G1 R-29	4.35	15.85	.82	49.7	39	8.1	.7	70	.83	2.9	.4	.5	.5	2.0	.07	.04	.04	8	.01	.007	1.0	24.7	.40	41.5	<.001	<1	.36	.003	.01	<.1	.3	<.02	<.01	8	.2	.04	1.2	<.1	15
	03 G1 R-30	.76	25.84	6.63	48.3	47	6.4	7.8	515	2.06	3.2	1.6	.2	13.6	31.2	.22	.07	.02	40	.60	.028	19.7	11.2	.59	62.1	.100	<1	1.21	.032	.10	.9	3.8	.03	<.01	<5	.1	<.02	4.3	.3	15
	RE 03 G1 R-30	.79	27.62	7.38	52.7	48	6.6	8.0	531	2.14	3.4	1.6	.4	14.7	34.0	.24	.09	.02	41	.64	.029	19.9	10.7	.62	62.4	.100	<1	1.26	.035	.10	1.0	4.1	.03	<.01	<5	.1	<.02	4.7	.4	15
*	03 G1 R-32	23.01	440.16	498.92	>9999	44573	23.5	81.3	1165	4.78	73.2	3.1	30.0	1.4	81.5	1496.33	8.75	69.34	154	.42	.121	3.1	28.2	.46	8.2	.031	<1	.47	.001	<.01	.3	1.0	.37	5.44	4889	>99	.75	3.7	.1	15
	03 G1 R-33	1.11	17.44	16.25	196.4	252	4.7	6.4	708	3.04	49.6	2.3	1.4	9.4	26.4	2.13	.86	.23	19	5.91	.026	25.7	10.6	.45	394.9	.002	<1	.61	.011	.10	.4	2.1	.03	.02	39	1.4	.06	2.5	.2	15
*	03 G1 R-34	21.49	1794.53	108.94	>9999	21445	52.0	51.3	1105	3.16	63.8	2.9	19.6	1.4	153.9	829.57	3.32	13.44	200	1.45	.152	15.5	25.4	.41	13.8	.041	<1	.51	.001	.01	1.0	.9	.08	4.19	2532	>99	.21	3.2	.1	15
	03 G1 R-35	2.35	35.13	69.28	606.6	269	13.1	11.5	1527	3.08	3.4	.8	10.6	4.9	47.2	2.93	.12	.27	30	.70	.024	8.9	15.3	1.48	26.6	.047	1	1.84	.013	.03	.3	2.3	<.02	.01	20	2.1	.06	4.7	.3	15
	03 G1 R-36	15.28	10.94	6.49	209.4	270	12.9	.6	22	.56	5.7	1.3	1.1	2.7	6.7	1.70	1.45	.58	32	.01	.009	17.4	6.6	.04	394.8	<.001	1	.24	.002	.14	.6	.6	.11	<.01	62	4.4	.14	.9	.1	15
	03 G1 R-37	4.21	11.34	12.82	57.1	179	3.2	.6	64	.76	5.1	.1	.2	.6	2.2	.50	.12	.19	4	.03	.010	1.6	26.1	.09	22.3	.006	1	.13	.003	.01	<.1	.2	<.02	<.01	43	.6	.04	.5	<.1	15
	03 G1 R-38	1.07	30.30	18.17	65.0	133	4.6	.5	70	.87	6.3	.2	2.7	1.5	5.3	.31	.12	.12	6	.01	.014	4.8	15.4	.07	67.2	.007	<1	.21	.002	.07	1.3	.6	.04	<.01	7	1.8	.04	.6	.1	15
*	03 G1 R-39	1.78	146.44	1342.34	>9999	31222	73.6	16.8	1949	19.64	2.1	3.8	45.0	.2	54.6	574.44	2.18	20.48	259	1.45	.050	3.5	24.6	1.11	13.9	<.001	1	.49	.004	.14	<.1	1.1	.20	4.27	1265	>99	.76	7.3	1.4	15
*	03 D9-90	.86	1131.07	4751.24	2236.9	26324	5.5	1.5	103	2.46	10.9	.2	>99999	.3	5.8	16.47	3.31	.65	23	.04	.017	1.1	11.7	.06	202.3	<.001	1	.12	.002	.03	1.6	.5	.02	.21	200	8.1	.47	.8	.1	15
	03 D9-91	5.80	138.90	573.67	738.7	1399	2.9	2.4	110	1.35	8.4	.1	3332.4	.2	8.7	5.19	.32	.26	10	.16	.033	.5	28.4	.10	83.5	<.001	2	.17	.003	.02	.1	.7	<.02	.03	41	1.4	.08	.6	.1	15
	03 D9-92	.78	127.59	1515.51	1179.3	794	6.1	7.6	172	1.66	12.9	.1	2815.5	.4	10.1	2.24	.32	.04	21	.13	.063	3.1	16.3	.27	17.5	.003	1	.47	.002	.05	1.3	1.5	<.02	<.01	11	.1	<.02	1.3	.1	15
	M94 R-75	.54	35.92	16.62	>9999	465	40.4	20.5	2017	20.39	4.6	.7	77.2	.2	256.0	170.80	.48	.32	53	3.69	.029	<.5	7.1	1.44	51.1	<.001	1	.36	.004	.13	.5	.6	.04	.86	585	9.4	.04	3.3	.8	15
	STANDARD DS5	12.49	144.54	25.32	137.9	286	25.0	12.8	791	3.03	21.6	6.3	43.6	2.9	47.1	5.68	3.59	6.22	61	.72	.094	12.1	193.6	.68	137.0	.095	17	1.98	.033	.13	4.7	3.4	1.05	<.01	182	4.7	.86	6.5	1.3	15

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 14 2004 DATE REPORT MAILED: Jan 22/2004 SIGNED BY J.D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

* Assay recommended for high Zn and Au.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Berdahl, Ron File # A400160

Box 11250, Whitehorse YT Y1A 6N4 Submitted by: Ron Berdahl

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Be ppm	Sample gm
G-1	1.41	2.55	2.48	41.0	15	4.9	4.3	539	2.01	.4	1.9	.3	4.4	103.1	.01	.03	.14	40	.62	.091	8.4	15.3	.52	226.4	.122	1	1.30	.099	.47	2.4	2.3	.31	<.01	<5	.1	<.02	5.2	.2	15
03 G1 S-3	19.71	440.41	82.66	2070.8	3560	244.7	34.2	1002	4.19	153.4	15.4	12.7	4.4	41.6	21.83	17.15	3.67	85	.33	.249	53.2	36.1	.51	1005.7	.006	1	1.49	.002	.06	.2	3.0	.14	.14	154	8.2	.59	2.5	.6	15
03 G1 S-4	22.98	215.80	49.09	1226.7	2920	197.6	21.0	487	4.23	117.4	12.9	14.7	4.3	45.5	13.89	21.28	3.38	84	.33	.242	37.6	33.0	.44	767.8	.006	1	.81	.002	.07	.3	2.4	.15	.06	195	8.0	.52	2.6	.3	15
03 G1 S-7	7.66	176.48	39.93	1981.7	6746	355.8	15.7	779	2.65	192.0	16.1	14.5	.8	84.3	45.47	7.85	3.29	41	.93	.311	25.7	24.6	.33	1893.4	.003	3	1.37	.006	.07	.1	2.0	.18	.22	640	10.7	.31	1.8	.7	15
03 G1 S-8	15.22	162.29	15.47	839.6	2318	177.0	18.4	362	3.55	344.6	5.0	178.6	3.9	65.0	7.98	23.61	1.50	87	.47	.259	26.4	50.9	.43	1924.9	.025	1	.63	.002	.08	.3	3.4	.24	.10	195	11.8	.61	2.4	.5	15
03 G1 D-10	1.93	16.40	126.58	75.8	379	1.1	.5	13	2.50	38.6	1.2	3.2	23.7	14.6	.08	1.73	1.12	2	.03	.034	37.5	.9	.04	185.3	.001	<1	.23	.007	.06	<.1	.9	.10	.05	47	3.4	.03	1.7	.2	15
03 G1 D-11	3.89	45.21	110.19	186.6	648	15.5	3.9	171	4.12	32.1	.7	9.0	7.8	10.2	.06	2.00	2.33	31	.01	.073	19.1	20.8	.52	404.4	.021	<1	.63	.003	.04	<.1	2.8	.04	.09	50	13.1	1.63	3.1	<.1	15
03 G1 D-12	5.42	25.29	53.30	26.7	865	3.3	.3	7	4.84	33.5	.5	22.0	12.3	4.7	.04	2.62	1.93	24	<.01	.061	53.5	16.8	.06	596.9	.006	<1	.33	.003	.08	<.1	.8	.07	.13	28	7.9	2.06	4.2	<.1	15
03 G1 D-13	9.34	342.29	62.36	266.6	1001	43.9	17.4	747	16.87	39.0	1.1	11.1	3.6	36.9	.27	2.96	1.95	71	.10	.447	14.5	79.5	.61	298.6	.177	2	1.28	.007	.16	.4	4.0	.20	.70	77	7.5	1.67	5.1	.3	15
03 G1 D-15	6.65	34.25	28.48	74.4	534	14.3	1.5	72	3.44	38.8	.6	16.8	16.5	4.2	.03	1.10	3.07	22	<.01	.055	22.1	23.3	.30	246.3	.002	<1	.53	.003	.09	<.1	1.6	.14	.13	54	11.0	3.61	3.9	.1	15
03 G1 D-18	2.40	91.00	92.41	65.9	583	10.2	5.0	329	10.00	9.5	1.4	3.8	8.7	72.6	.12	.87	1.50	112	.12	.253	20.9	36.7	.76	243.1	.211	1	1.37	.023	.11	.2	10.7	.10	.67	29	4.7	1.51	6.7	.1	15
03 G1 D-19	20.31	49.58	491.93	198.0	1089	8.0	1.2	1063	9.70	67.5	1.5	57.5	8.9	11.2	.33	1.80	1.54	61	.01	.103	16.8	64.4	1.18	444.3	.191	<1	2.14	.002	.16	.9	5.2	.41	.32	30	9.5	.73	7.9	.2	15
03 G1 D-22	1.33	35.99	54.59	49.5	1094	6.6	7.0	277	13.44	57.7	.7	20.7	10.9	74.1	.03	5.30	1.79	77	.02	.188	56.3	57.2	.41	147.6	.123	1	.65	.133	.25	.3	10.2	.17	1.37	31	5.7	1.71	9.2	.2	15
03 G1 D-23	2.73	5.79	555.70	13.1	703	.3	.6	19	7.57	101.0	.3	28.7	23.7	60.6	.03	2.17	.38	6	<.01	.049	60.8	<.5	.01	252.7	.003	3	.18	.018	.32	.1	1.3	.44	.75	29	9.2	.58	4.8	<.1	15
03 G1 D-31	1.34	164.44	11.12	105.7	1612	31.5	3.5	49	.91	2.8	1.8	2.0	2.2	10.5	.40	.22	.19	11	.09	.111	28.3	8.7	.11	229.7	.017	1	2.38	.024	.07	<.1	1.9	.16	.11	58	2.9	.05	2.0	.5	15
RE 03 G1 D-31	1.26	173.81	10.38	105.3	1637	31.3	3.5	45	.89	2.7	1.7	2.0	2.5	9.3	.39	.22	.19	12	.08	.117	27.0	8.2	.10	230.0	.018	<1	2.38	.025	.07	<.1	1.8	.14	.11	46	3.0	.04	2.0	.4	15
1	12.59	65.90	11.06	168.6	757	73.5	5.7	132	2.81	25.1	2.8	1.4	1.5	20.4	.45	1.90	1.18	340	.14	.122	18.2	64.4	.49	1194.7	.039	2	1.30	.004	.09	.3	2.6	.38	.05	60	6.3	.39	8.6	.3	15
2	13.41	133.05	14.05	620.0	1382	139.4	6.2	176	4.13	62.1	4.1	3.1	3.4	93.3	1.71	12.47	2.08	242	.12	.541	14.5	78.1	.10	3150.9	.019	3	.71	.002	.09	.3	3.5	.30	.04	55	6.4	.96	4.0	.7	15
3	1.49	121.05	4.75	610.2	639	224.0	73.3	1221	6.48	24.2	1.0	35.7	1.9	36.2	2.68	1.87	4.89	86	.69	.184	18.7	276.6	2.80	806.4	.282	<1	2.62	.016	.11	<.1	4.8	.41	.12	135	5.0	1.50	7.7	1.0	15
4	5.54	133.89	11.22	5392.9	1526	205.1	48.4	1700	10.98	41.2	3.1	568.8	4.8	33.9	33.74	13.39	10.74	146	1.89	.412	46.4	155.4	.36	605.2	.113	8	1.44	.005	.04	.4	9.8	.51	.06	5589	6.2	.44	5.3	1.9	15
5	6.83	227.59	17.79	937.4	1210	314.7	59.4	1536	5.89	47.5	2.9	8.1	2.4	42.1	3.48	1.52	2.55	187	1.44	.354	17.6	229.1	2.11	847.3	.125	1	1.85	.006	.25	.4	6.8	.57	.24	110	3.4	.47	7.1	1.1	15
6	2.04	103.48	8.92	241.8	772	130.3	34.6	590	6.55	21.6	.7	10.7	2.2	38.0	.99	4.31	3.79	90	.46	.182	18.9	86.2	.77	476.0	.276	3	1.36	.010	.11	.2	4.8	.29	.18	81	5.5	1.61	7.1	.5	15
7	2.91	60.36	11.54	328.5	895	66.4	11.3	331	5.06	31.1	1.0	4.8	3.4	29.0	1.69	5.09	2.44	82	.30	.173	14.4	49.4	.20	264.2	.183	2	.54	.006	.08	.2	3.0	.19	.04	39	2.3	.51	5.0	.4	15
8	3.07	38.38	13.64	57.4	316	12.7	2.3	74	2.54	37.3	1.1	2.9	3.8	15.4	.20	7.33	2.26	38	.03	.072	26.6	25.1	.09	226.1	.031	2	.48	.002	.04	.1	1.4	.13	<.01	29	3.8	.85	3.2	.4	15
9	7.83	51.76	16.53	65.5	708	18.5	3.1	39	2.30	38.1	1.3	3.4	2.8	12.7	.22	7.58	.87	38	.02	.066	30.8	18.8	.04	283.6	.020	1	.53	.002	.05	.1	1.4	.15	<.01	52	3.3	.28	3.2	.2	15
10	4.92	57.15	16.95	81.8	744	16.4	2.4	64	2.89	253.8	1.3	53.7	3.0	13.4	.40	19.38	3.28	26	.02	.077	30.6	20.2	.06	366.3	.004	1	.37	.002	.09	.1	1.7	.13	.04	81	4.5	1.11	2.0	.3	15
11	2.23	96.34	12.28	149.9	508	61.0	14.5	191	5.51	26.7	1.4	45.9	4.8	49.4	.74	6.39	2.76	75	.12	.169	29.7	92.7	.30	832.1	.231	2	1.16	.013	.11	<.1	5.7	.23	.22	107	4.5	.45	5.2	.4	15
12	2.29	53.02	14.36	181.0	311	27.8	7.3	135	3.49	25.5	1.3	4.9	7.5	22.2	.26	13.48	.60	19	.01	.090	38.0	10.6	.09	326.5	.006	1	.43	.002	.08	<.1	1.2	.10	.05	77	4.0	.23	2.1	.2	15
13	2.05	35.17	11.63	62.6	235	17.3	4.4	207	2.65	18.1	1.1	3.4	4.2	10.2	.31	5.61	.69	35	.07	.067	28.4	23.7	.30	167.4	.024	2	.96	.003	.06	.3	1.3	.10	.03	46	1.3	.19	3.7	.3	15
14	2.07	57.67	16.36	57.7	253	13.5	2.9	110	3.23	15.3	1.7	8.0	8.7	12.1	.26	2.06	.68	24	.05	.086	27.4	22.0	.32	204.7	.018	1	.88	.006	.08	<.1	1.5	.10	.07	34	1.5	.22	3.0	.3	15
15	2.04	48.66	14.94	61.0	329	20.3	3.9	161	2.54	22.3	1.4	2.8	3.0	10.0	.32	2.72	.41	30	.05	.069	30.5	33.3	.43	105.2	.021	1	1.17	.004	.07	.1	1.2	.11	.01	65	1.3	.14	3.8	.3	15
16	2.14	64.13	27.80	52.6	310	15.1	2.1	37	2.29	16.8	1.8	2.0	12.8	41.9	.39	4.08	.37	17	.02	.077	44.7	8.5	.07	460.8	.010	1	.40	.002	.09	<.1	1.5	.12	.02	94	1.5	.14	1.6	.4	15
17	1.76	35.72	24.71	49.6	194	14.7	2.6	101	1.85	9.8	1.1	2.6	3.4	19.4	.19	3.29	.33	17	.02	.051	40.6	19.8	.25	220.4	.012	2	.71	.002	.08	<.1	.8	.10	.03	74	1.0	.12	2.3	.3	15
STANDARD DS5	12.51	136.60	25.06	135.1	292	25.3	11.6	788	3.02	18.9	6.3	43.0	3.0	48.6	5.62	3.97	6.45	62	.73	.100	12.4	188.9	.68	138.6	.098	17	2.10	.032	.14	5.3	3.7	1.08	.02	172	5.1	.88	6.7	1.3	15

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 14 2004 DATE REPORT MAILED: Jan 23/04 SIGNED BY: C. ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data L FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Berdahl, Ron File # A400159R

Box 11250, Whitehorse YT Y1A 6N4 Submitted by: Ron Berdahl

SAMPLE#	Zn %
03 G1 R-32	13.53
03 G1 R-34	7.53
03 G1 R-39	6.45
M94 R-75	1.96
STANDARD GC-2	16.74

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 250 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: ROCK PULP

Data dc FA ____ DATE RECEIVED: JAN 28 2004 DATE REPORT MAILED: Feb 2/04

BRITISH COLUMBIA CERTIFIED ASSAYER Clarence Leong

APPENDIX C

PROJECT PERSONNEL

FINLAYSON

Prepared by

Ron S. Berdahl

APPENDIX C

PROJECT PERSONNEL

Personnel	Address	Task
Ron Berdahl	Whitehorse, Yukon	Prospector
Scott Berdahl	Whitehorse, Yukon	Prospector Assistant

APPENDIX D

STATEMENT OF COSTS

FINLAYSON

Prepared by

Ron S. Berdahl

APPENDIX D

STATEMENT OF COSTS

Helicopter: (Kluane)			$ 1,277.58
Truck:	1,000 km @ $0.42/km		420.00
Labour:	6 man days @ $200.00/day		1,200.00
	6 man days @ $400.00/day		2,400.00
	4 travel man days @ $300.00/day		1,200.00
Assays (ACME Lab)			1,451.83
Per Diem:	12 man days @ $35.00/day		420.00
Gear rental, sample bags, etc.			200.00
Report Preparation			1,000.00
			$ 9,569.41

APPENDIX E

SAMPLE LOCATION MAP

FINLAYSON

Prepared by

Ron S. Berdahl

61°15'

130°15'

430000

434000

437000

6790000

6789000

6788000

6787000

6786000

6785000

6784000

6783000

6782000

6781000

1500

1800

1900

1700

1400

1975

1988

1824

GRID GP7E

WHITE CREEK SHOWINGS

BERDAHL SHOWINGS

RUN SHOWINGS

AKHURST CREEK SHOWINGS

AKHURST SHOWING

LINE Southwest

GEOLOGY LEGEND

SLIDE MOUNTAIN TERRANE

SS

SSa
SSl
SSq
SSl
SSc

SM

SMf
SMl
SMs
SMd

Sl

YUKON TANANA TERRANE

S Meta-sediments

Sa argillite/shale
Sg grit
Sq quartzite
Sl limestone/marble
Sk wacke/arkose
Sl siltstone
Sc chert

Protolith uncertain
Sv chl-ser-cal(bio) schist
Sw ser-chl-qtz schist
Sx bio-rich schist;cal ±qtz,chl
Sy bio-chl-ser schist
Sz bio-ser-qtz-chl schist

F Felsic metavolcanics

Ft tuff
Fta ash
Ftl lapilli
Ftb bomb
Ftv vitric
Ftc crystal
Ftc augened
Ftlh lithic
x non-specific

Ff flow
Fs sill
Fd dike

Protolith uncertain
Fz qtz-ser-cal schist
Fy qtz-ser-chl(graphite)schist
Fx qtz-ser ±chl,bio,cal schist
Fw qtz-ser schist w cal bands

M Mafic-intermediate metavolcanics

Mt tuff
Mta ash
Mtl lapilli
Mtb bomb
Mtv vitric
Mtc crystal
Mth lithic
x non-specific

Mf flow
Ms sill
Md dike
m lamprophyre

Protolith uncertain
Mz pistachio mica-qtz-ser schist
My chl-ser-qtz schist
Mx chl-qtz schist
Mw ser-chl-cal schist
Mv chl-ser-cal schist
Mu chl-cal schist
Mo chl-cal-bio schist
Mn bio-cal(ch)schist

I Meta-intrusives

Ifp feld porphyry
Iqfp qtz-feld porphyry
Ifqp feld-qtz porphyry
Imo monzonitic orthogneiss

MODIFIER
g graded
r ribboned
b banded
m mottled
g granular textured
f fragmental textured
t tuffaceous
n carbonatized
a argillaceous
o chloritic
l calcareous
i silty
h cherty
p Fe-sulphidic
z quartz phyric
d feldspar phyric
s spherulitic
b biotitic
c carbonaceous

SYMBOLS

- Conformable contact
- Intrusive contact
- Fault
- Talus/subcrop
- Outcrop
- x Small outcrop
- \+ Float
- Mineralized float
- Quartz vein(talus/subcrop)
- RGS stream silt sample
- Cominco stream silt sample
- Cominco soil sample
- Cominco heavy mineral sample
- Lithogeochem sample
- Rock sample
- S_1 dip
- S_2 foliation
- S_3 foliation
- Lineation with plunge
- Joint surface

0 200 400 600
METRES

NOTE: COORDINATES ARE NAD27

WATSON LAKE MINING DISTRICT

N.T.S. 105G/1

EXPO PROPERTY

Drawn by: AJPR | Traced by:
Revised by: Date: | Acad file: PELL10K1

GEOLOGY ~~69333~~
SAMPLES 10C37,1625
POP,BASE,HOME,RUN,BALL,FLY & EXPO CLAIM GROUPS

SCALE: 1:10,000 | DATE: Apr.1995 | PLATE NO: 3a

NAME: C:\ACAD\DRAWINGS\PELLY\KS\PELL10K*.DWG DATE: JUNE 5,1995 TIME: 11:45 AM

069

APPENDIX F

STATEMENT OF QUALIFICATIONS

FINLAYSON

Prepared by

Ron S. Berdahl

STATEMENT OF QUALIFICATIONS

I, Ron Berdahl, declare I am an independent prospector who has worked on the Finlayson area for the 2003 field season.

I have taken several courses related to prospecting and make the bulk of my living directly from prospecting.

The data contained herein is true and correct to the best of my knowledge.

Ron S. Berdahl

Jan 25, 04

Date

Sun 27 July 03 - Finlayson Excavation @ claim. 10 of G-1

Soil line 1-17 @ rock

1- dry, brown, silt, moist, 6"; low slope
2- @ bedrock, brown, sand/silt, moist, 9"; low med
3- ~~active~~, brown, gravel/silt, organic, 12"; steep
4- active brown, gravel/silt, moist, 6" medium slope
5- brown, silt, moist, 6" med slope
6- " "/organic, moist, 16" med. slope
7- brown, gravel/silt, moist, 12"; steep slope
8- brown, gravel, sand, silt, moist, 14" steep "
9- " " " " 9" " "
10 grey, gravel sand moist 8" med. slope
11- brown, gravel silt, organic, 9" steep
12- grey brown, gravel silt sand, moist 9", med.
13- brown, gravel, silt, moist, 9" med
14 -
15 brown, silt, moist, 6", Low slope
16 - grey, gravel silt, 2" low slope
17 grey brown, sand silt gravel, moist, flat/low

2003-069

July 28.

@ 0434519 / 6786735

carbon rich 'fault breccia' w/ minor qtz lima ventlet, qtz clasts

03 G1 R1 ↗

sandstone below by ~ 1 ft flat lying foliation phyllites - ~~orange~~ orangish yellow.

- rx dipping mod ± 20° S, strike E-W parallel to fault

- @ 0434590 6786681 - barite rich, limonite - (03 G1 R2) breccia, some shear within bed of light colored bedded barite flt

- massive bedded barite @ 0434957 6786451 2 m exposed - dip 20° N; strike E-W;

POST NO1" YB 5 1980
5 1981

@ 435258 / 6786428.

S-3 - Strm drainage main gossan

S-4 Left Limit

between 3 + 4

① massive sulfide - pyrite

② - banded magnetite + pyrite

(continued PMR 95-258

@ 0436202 / 6786150

massive sulfide - Pb Zn in phyllite -

pre marmot shear magnetite

" phyllite - ✓ for chrome

R-5

qtz w/ carb @ above R-6 + spots of malachite

M 94 R75 - sample @ picked (no tag) at crk confluence above marmot shear

(rx away not to be sampled medium black ophonitic rx w/ sulphides

S-7 - strm seal - above confl w/ S-3 (above drill area)

S-8 - creek (dry) draining between slow (picture)

Post N° 1 YB5972
71
70+69 - N°2
@ 0434168/6787511 N

July 29 - Thea -
only crew # on 92 work
was @ dirt pile zone - work
N.NE extension of that & gossans
@ 0431465/6787693
flt R-9 light coloured, platy,
almost micaceous rock, rusty on
fractures w >10% Pyrite - possible
Pb - ~~x~~ similar to many others
(Kinaskan schist w/ pyrite) including above
sulfides in normal stratigraphy yesterday.

- D10 - (50m topo above R9)
soil - yellow/L to go compare
w/ dirt pile '92 #

at top of ridge - flagging pink
"Sample / 82526 / VMS" POC 07.18.91

R-10 - bag of gbs from talus slope

D-11 - orange soil on rocky talus
@ top

D-12 yellow " " west to " @ top

Blue Stuff - 0431773
6787182

Pos emerald in gbs @ 0431853/
6787159

D-13 - rusty soil in E/W fault
north of dirt pile - 20m SE of above
gps

- Vation. gbs flt from shale to top -
✓ for gold - see bags.

Wed July 30?

@ 0430409 / 6788169 (zone 9)
limestone "dike" below granite (tsgr)
(monzonite ?) - above felsic schist
(meta vole) - mafic FX - shearing
(flt - non glacial → non magnetic)
R-14

@ 0430590 / 6787113
paste #1 52212 / 211 209 - 210 2'
+ yellow saddle sample D-15

R-16 50m S. of 15 -
- ribbon qtz thru mafic schist
red to orange limonite - no sulphides

R-17 - in "2nd" gossan - all rusty
surface - silicified ? + a
metal sed w/ 10%+ pyrite - light
green in color - poss. qtzite
- also shear - mafic in matrix
yellow
D-18 50 / - from central gossan

D-19 red soil from near ridge
top
- R-20 - below D-19

qtz - veins x cut schists, - some
more mafic chl. schist

July 31

soil line on exp down south block 100 m spacing along ridge see doc. pg 1

START @ 0434782/6786483 w/ #1

end @ SL2 @ w/ #17

No Dorita alteration mapped along this ridge

shale - V for 'V' - R-21

Dorita from 'new' unit

D-23 - bright yellow soil for Be

R-24 - mafic - schist

~~R-25~~ D-23 - bright orange dirt

24 & 25 @ 0437264/6785376

PMR 95 238 - below

Vein below shown - take sample

Angel - in vicinity (NW) of drill hole 02-CRD where contact between mapped basalt breccia - 100' ft of reddish to orange intermediate

@ 0432105 / 6788724

breccia stained hematite stained intermediate - R-25

On top of mid ridge knoll - a green opalitic, many stained rx w/ - qtz vein / calcite veins - pos. green fluorite - Pb R-26

Creek - white stain starts @ confl. of crk draining granites + crk draining volcanics - much fluoritic than out creek

- much rusty frost - white qtz

R-27- qtz / meta vol. w/ pyrite (30 ft in [illegible] vein) in flt
@ 0431253, 6786467

Mafic schist (silicified) w/ X cut by quartz veins (1/4")
R-28

orange quartz vein/ridge and flt in vein R-29

- granite - R-30

rusty weathering felsic metavolc
canyon in canyon (creek)
drill hole ~ above out crop
some pyrite in felsic volc

D-31 Sulf Lake
rusty, limonite

R-32- pore banded silicified sulfide in large 2m² flt boulder below to the right of "green" north of crop < 1km

RUBY Sept 4th
Core splitting (Box 29)
DDH 80 30 225.4 - 232.6
all intrusive - w/ some clay alteration mostly in shear & fault - white qtz veins to 2"
225.4 + 40 cm @ 45° angle
front w/ trace clay alteration
@ 105 cm → to 155 cm - C-1 → clay to felsic alt intrusive? (white

R-33- rxs from "green" comp
actually granite CaCO₃ content
"less" flt

R-34- silicified rusty outcrop??
@ R32- flt boulders
pore Zn + Pb, pyrite

R-35- C730 pegmatitic granite
sometypes some limonite, vuggy
(2 rx types)

R-36 - meta seal - black
shistose @ end of
ridge somewhere over
(Be ridge) ✓ for V. ark
(c.u. 7/31 on strike from
~~road~~ gossan

R-37 - Camp Basin qtz
- mostly white bull w/
lt. orangish stain on some fracture

R-38 - @ 7/30 showed,
limonite vu grey double fist
sized qtz - white to pale grey
w/ poss WO3

R-39 - Fe rich meta seds
~~pods~~ silicified in part
banding 25% zone

below outcrop

R-40 " " pb stain

R-41 " " limonite more
massive, no banding
or bedding.

Marsh Lake '03

3 rx from center showing
@ V.g. ~~os~~ outcrop

03 ~~09~~ 90 white to grey qtz w/
minor Cu (covellite, limonite stain on
~~03-0~~ surface, tan lines
(dendritic) thru qtz.

03 09-91 - as per above w/o
as less grey qtz - + some dark
(sed?) ~~inter~~ inclusions

03 09-92 - as per 92 w/
more sed (vol?) & more
mottled grey qtz

~~No~~ no VG in any of the three