

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
MINISTRY OF ENERGY AND MINES
GEOLOGICAL SURVEY BRANCH

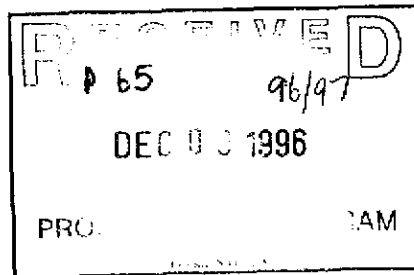
PROGRAM YEAR: 1996/1997

REPORT #: PAP 96-29

NAME: WILLIAM WALLIS

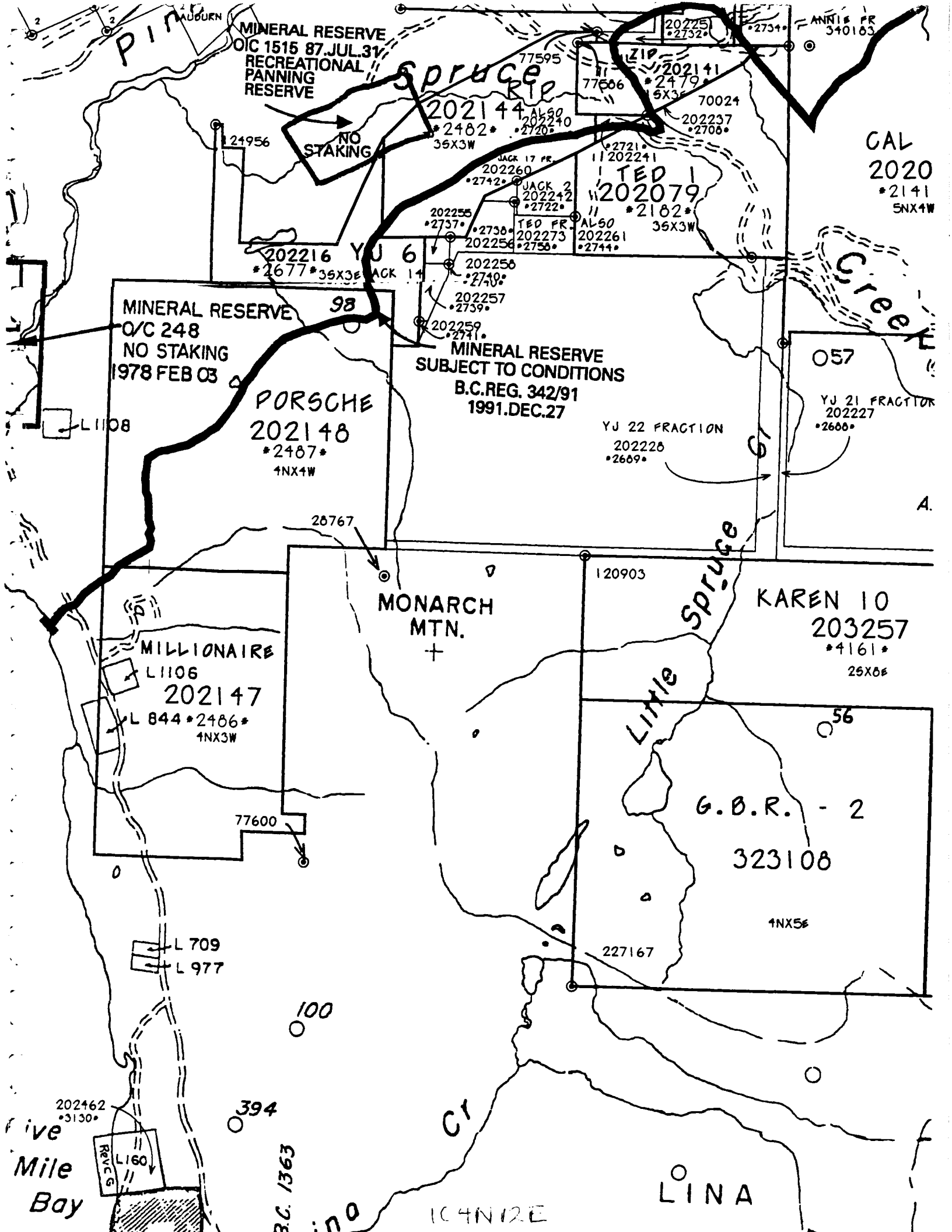
PROSPECTING REPORT

MONARCH MOUNTAIN



William Wallis
Box 57
Atlin, BC
V0W 1A0

PROSPECTING REPORT
MONARCH MOUNTAIN



MINERAL RESERVE
O/C 1515 87 JUL 31
RECREATIONAL
PANNING
RESERVE

SPRUCE

202251
2732

ANNIE FR
340103

PIN

NO STAKING

202144
2482
35X3W

202141
2479
5X3
70024
202237
2708

CAL
2020
2141
5NX4W

24956

JACK 17 FR
202260
2742

2721
202241

202079

202255
2737
2738
202256
2750

JACK 2
202242
2722
TED FR
202273
202261
2744

202216 YU 6
2677
35X3E JACK 14

202250
2749
202257
2759

MINERAL RESERVE
SUBJECT TO CONDITIONS
B.C.REG. 342/91
1991.DEC.27

O57

YU 21 FRACTION
202227
2600

MINERAL RESERVE 98
O/C 248
NO STAKING
1978 FEB 03
PORSCHÉ
202148
2487
4NX4W

YU 22 FRACTION
202228
2609

28767

MONARCH
MTN.
+

120903

KAREN 10
203257
4161
25X86

MILLIONAIRE
L1106
202147
L 844
2486
4NX3W

LITTLE SPRUCE

G.B.R. - 2
323108
4NX56

77600

227167

L 709
L 977

100

394

B.C. 1363

CR
104N12E

LINA

Five Mile Bay
202462
3130
L160
Rcv's

**BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)**

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name WILLIAM B WALLIS Reference Number _____

LOCATION/COMMODITIES

Project Area (as listed in Part A) MONARCH MOUNTAIN AREA MINFILE No. if applicable _____

Location of Project Area NTS 104N12E Lat 59 33° Long 133 38°

Description of Location and Access LOCAL ROADS + HELICOPTER SUPPORT

Main Commodities Searched For GOLD, COPPER

Known Mineral Occurrences in Project Area GOLD COPPER

| WORK PERFORMED | |
|---|------------------------------|
| 1. Conventional Prospecting (area) | _____ |
| 2. Geological Mapping (hectares/scale) | _____ |
| 3. Geochemical (type and no. of samples) | <u>25 CHIP SAMPLES</u> |
| 4. Geophysical (type and line km) | _____ |
| 5. Physical Work (type and amount) | <u>4 TRENCHES - HAND DIG</u> |
| 6. Drilling (no., holes, size, depth in m, total m) | _____ |
| 7. Other (specify) | _____ |

SIGNIFICANT RESULTS

Commodities Au, Cu Pb Zn Claim Name _____

Location (show on map) Lat 59 33 Long 133 38 Elevation 4500 FT

Best assay/sample type Au 1.03 gm - Cu 4.29% - Pb 8.67% - Zn 5.68%

Description of mineralization, host rocks, anomalies MAINLY ULTRAMAFIC - FAULTS + CROSS FAULTS

GOLD IN QUARTZ

COPPER IN QUARTZ

LEAD AND ZINC IN A LIMESTONE BLACK SHALE BRECCIA.

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.

PROSPECTING REPORT.

Starting in early June of this year, I spent most of my time on the lower reaches of Monarch Mountain, as the snow never melted of the top of the mountain until late June.

The lower reaches of the mountain have few outcrops of bedrock but the ones that do show are quite interesting. Just above the canyon on Spruce Creek, and still nine hundred meters below the falls, (Free panning area) the northern rim of Spruce Creek is exposed. This rock is ultramafic and is cut by numerous small quartz veins, and one quartz calcite vein that is about a foot wide. This vein strikes east south east and is standing upright. The assay on this vein are particularly interesting as it throws 68.73 ounces of lead per ton. This vein throws no other mineral of interest and the gold was disappointing at less than 5 PPB. No other vein was encountered in this area, but with the great amount of gravel overburden one will have to wait for the owner of the Placer Lease to strip and expose bed rock before more veins can be found. Assay number of this vein is M300760.

Closer to the mountain and about 900 meters south of the quartz calcite vein, a large quartz ultramafic, black shale, Breccia zone was located. This zone appears to run north and south (assay numbers M300753, 733 and 756.) Assay number M300753 appears anomalous in Ni, Pb, and zinc in quantities that are interesting, but without a greater show of these minerals no work will be done. This Breccia comes off the north side of

Monarch Mountain and itsth continuation of the Red Bird Fault.
(author named).

This breccia zone, at its greatest width is thirty meters and contains claspas of black shale up to palm size. The host rock is the usual~~y~~ ultramafic.

The only other economic use of this zone would be a very beautiful cut stone for the ornamental application, but Homestake Mining owns a small fraction in the centre of this breccia zone, and they won't deal on the property. I guess that one will just have to wait till they drop the property.

Further to the east the ground is extensively covered with overburden consisting of swamp, willows scrub pine and spruce.

Hard rock exposures are few and far between in this area.

Assays M300757 and 758 are taken from the Little Spruce Creek area, and only after wasting a couple of extra days trying to find posts and lines I found that the assays were taken on ground that is still held by other parties. In this case I will say no more as to the results of these assays.

Early in July I chartered a helicopter from Atlin and had my gear and myself flown to the top of Monarch Mountain.

The area where I set the Base Camp is at an elevation of 4500 feet and at the base of the peak. The camp is beside a small lake that is about 30 meters in diameter and approximately 1.5 meters deep in the centre. Even in the driest season there is water here, but now with the amount of snow remaining on

the northern parts of this mountain, this lake is full to capacity. Most of the top of this mountain is composed of dunites, cut occasionally by peridotites and the odd carbonate stringer.

A large fault cuts the base of the peak of Monarch Mountain and runs east and west. Running at right angles to this fault there is another fault that runs nearly north and south. (See Map) As these faults are not named or recognized in the present information compiled by the Geological Field Work of 1988, I took it upon myself to name them for further and easier ~~000000000000~~ recognition.

The first fault, running east and west I named the Blue Bird Fault and the second fault running north and south I named the Red Bird Fault. At the junction of these two faults and at the base of the peak of Monarch Mountain is the small lake and the base camp.

This area was originally explored in the early 1900's complete with test pits scattered through out the faults zones.

Ten years ago, this area was the basis of the Anna Claims. Eight years ago, it was the study area for the Geological Field Work Report. With all this interest in one area, one would assume that all the rock types and their relationships to each other would have been found and explained. But I found that this is not the case, as nobody has ever found the volcanics that travel in the faults. With a little bit of hard work and a different way of looking at relationships of rock types, I succeeded in finding and identifying these volcanics.

These volcanics, are, I believe the heat bringers to the faults, and are a very non script looking mineral at the best of times. On the surface they appear to be very decomposed and the only way of identifying them is by the excess of very small Muscovite crystals in a light grey green earthy deposit. These volcanics very seldom have vegetation growing in them, and they are usually the sights of numerous Gopher holes, as the area is very easy to dig into. (See color photos trench numbers 2 and 3)

This mineral carries a small percentage of nickel and could be one of the sources of the nickel that was identified last year in the WAD that was deposited in the recently found Paleochannel that cross cuts the Pine Creek, here in the Atlin Area. (See Prospecting Report - Red Head Placer Claims - Atlin B.C. 1995.)

In the center of the Blue Bird Fault, and to the west of the lake, the old timers blasted three pits in the intensively altered (listwanitic alteration) ten meter wide quartz stockworks that are exposed there. Normally these stockworks are the sites of free gold, but in this stockwork the best assay that anyone recovered was .05 gpt.

My first pit, was opposite the old timers pits, and to the east by about 150 meters. This pit was beside the quartz stockwork and on the side of the volcanics. As this area has been extensively glaciated and scoured, the pit had to be blasted. When the smoke cleared, I found that the pit was still in the quartz stockwork. With the aid of a hand lens, iron pyrite, galena and chalcopyrite were observed. I immediately started another trench to the north and beside the blast pit. This trench

four meters in length was hand dug. The ground was a very decomposed serpentine and was cut by numerous small two inch quartz veins. Samples were taken and these assayed out at 1.03 Grams per ton, gold. This trench was terminated as melt water from the snow patches could not be controlled. I believe that the melt water runs on top of the volcanics and trenching by mechanical means could possibly expose the volcanics and the associated quartz veins that come off the volcanics. With a reading of 1.03 gpt. gold, these quartz veins at depth should yield a greater assay. Now they are just interesting and should be used for future reference.

Trench number 2 is on the north side of the lake and on the north or left side of the Red Bird Fault. This is the junction of the Red and Blue Bird Faults. The trench starts out in very decomposed volcanics and at the 1.5 meter depth I ran into the more solid looking volcanics. This rock is very heavy, pitted and grey green in color. Beside this volcanic material small quartz veins up to two inches in width were encountered. These veins were burnt black on the outsides, samples were taken, but proved to be barren. The bottom of the trench was at the two meter depth and still in decomposed volcanics, and the quartz veins still persisting at depth and getting wider. This area should be trenched by mechanical means.

Trench number 3 was started about four meters east of trench number 2. When completed the trench was five feet deep and still in half decomposed volcanics. The south end of the trench opened up a three inch breccia zone, brecciation being composed of serpentinite, volcanics, quartz, and calcite.

Samples were taken but they also proved disappointing. As the brecciated system was getting wider at depth, mechanical digging should be done here too.

Trench number 4 was started between the old timers test pits and Trench number 3. It is about nine meters long and only the width of a shovel. (see photo) Starting from the old timers test pits, the ground was a very decomposed serpentine, burnt, and containing much iron. Half way through the length of the trench a very heavy iron laced type of granite was encountered.

Samples were taken but were very discouraging.

Granite was again encountered at the peak of Monarch Mountain. This showing is only ten to twelve meters wide and maybe thirty meters long. With this second encounter of granite one would think that the ultramafic rocks that cover Monarch Mountain are only a thin cover over the top of the granite basement. If this is the case, one could surmise that the basement of this area is nothing other than the southern most end of the Fourth of July Batholith.

Some of the more interesting things to come out of the trenches and the prospecting of the Monarch Mountain area is the finding and identifying of the volcanics. The other thing of interest is the small lake by the base camp. This small body of water should be studied by someone who studies the invertebrates, as the bottom of the pond is totally covered with small half inch

snails. These snails must have some chemical compounds in their bodies to enable them to survive total freezing in the winter, as these ponds must freeze solid. There are five other lakes on top of this mountain and none of them contain snails.

Four of the five lakes are deeper than this one but they contain no life. There must be a reason for this.

These five lakes, I figured, in my original proposal, to be on the perimeter of a volcanic pipe, but after walking over the area in question and seeing the number of faults and cross faults, I find that no pipe exists. These lakes are nearly shallow depressions dug by the glaciers in the cross faults. As only one lake in five has snails living in it, one would wonder whether this lake has warm waters from below circulating in it. Because of the snails in this lake I took it upon myself to name it "Snail Lake".

On the twentyfourth of July I was flown off the mountain with my camp.

On the 28th of July I was driven to the trail of the mountain, and I climbed it this time. I didn't take a tent or sleeping bag with me this time, only a small piece of plastic for shelter and a blanket for warmth. This way I was able to spend more time walking and pounding rocks, for I wanted to see whether the rocks change on the southern side of the Golden-view fault. In an area south of the Golden-view, I ran across an area of intense brecciation in the limestones.

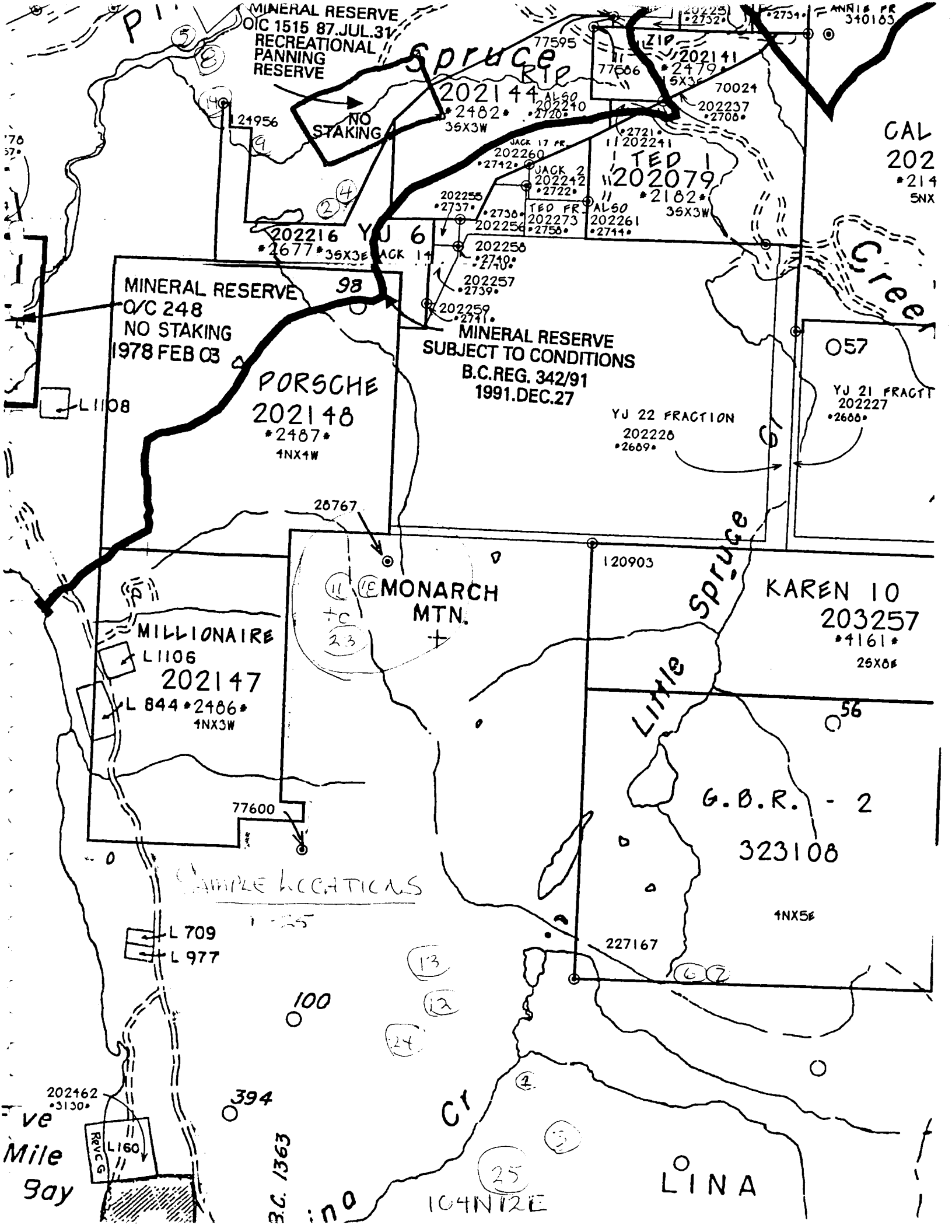
Totally uninteresting to look at but samples were taken and run for 31 elements plus gold. Tax #M300754.

Beside this 200 foot zone there appeared a small 6 inch wide vein of silver, lead, zinc, and copper. This was sampled Tax # M300751. Imagine my surprise when these two samples came back and they were right off the scale. The Lab was notified and these samples are to be run again to get the true reading.

No claims have been staked in this area as I know that this area has been looked at so many times by other people and companies, and no significant assays have ever come out of this area, therefore it gives me an open window to take my time when my finances are better, and go over this area inch by inch. Lack of finances on my part and the total lack of interest and trust by the major mining companies, forces me to continue pounding rocks, on the one chance that I will one day come across a property that even the most skeptical mining companies will fall all over themselves to bid on the property.

Small pods of granite were encountered in this area. Samples were taken, but not much hope is expected of them. These pods enhance my theory that this area is the southern most end of the Fourth of July Batholith.

The samples were assayed and numbered from one to twentyfive. These numbers correspond to the areas of sampling in the project area.



MINERAL RESERVE
OIC 1515 87.JUL.31
RECREATIONAL
PANNING
RESERVE

Spruce

ZIP 202141
2479
5X3E
70024
202237
2700

CAL
202
214
5NX

NO STAKING

MINERAL RESERVE 98
O/C 248
NO STAKING
1978 FEB 03

Porsche
202148
2487
1NX1W

MINERAL RESERVE
SUBJECT TO CONDITIONS
B.C.REG. 342/91
1991.DEC.27

O57
YJ 21 FRACT
202227
2600

YJ 22 FRACTION
202220
2609

MONARCH
MTN.

KAREN 10
203257
4161
25X0E

MILLIONAIRE
L1106
202147
L 844 2486
1NX3W

G.B.R. - 2
323108
1NX5E

SAMPLE LOCATIONS

L 709
L 977

ve
Mile
Bay

L160
RVC G

B.C. 1363

104N12E

LINA

100
394

13
12
24

25

227167

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24956

202144
2482
35X3W

77595
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JACK 17 FR.
202260
2742

JACK 2
202242
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TED FR.
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ALSO
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202079
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JACK 14
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YJ 21 FRACT
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YJ 22 FRACTION
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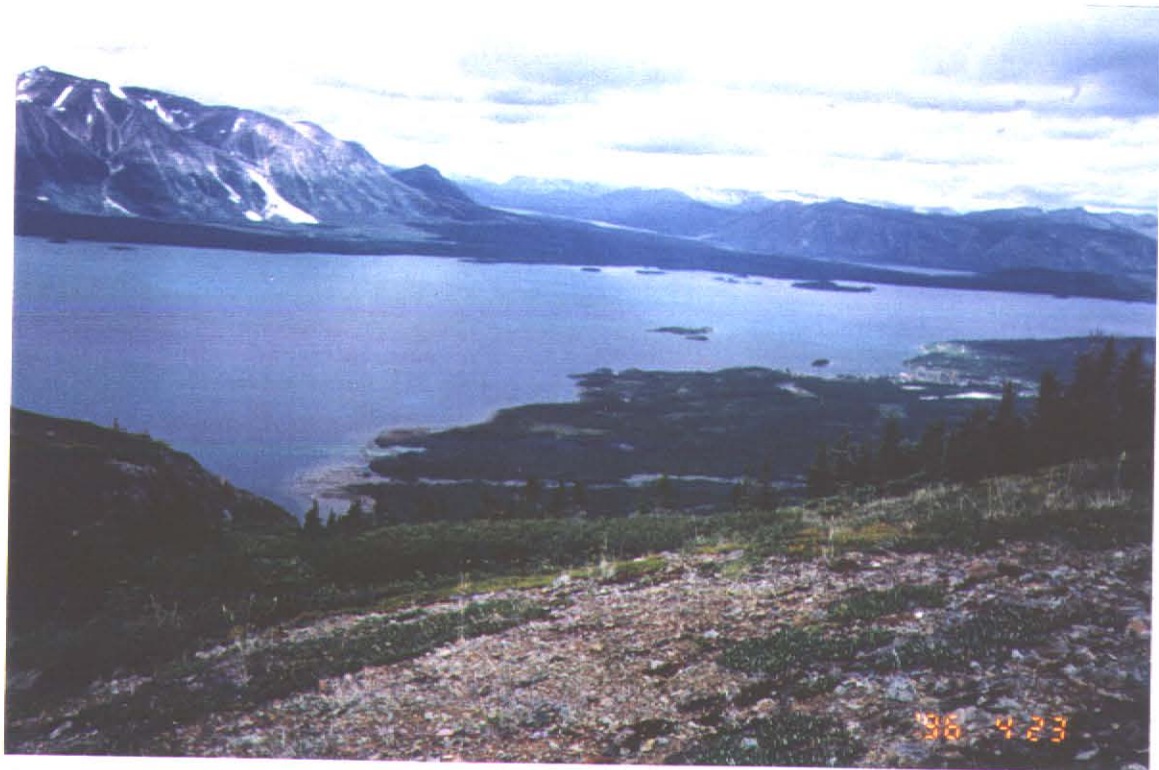
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35X3W

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BLUE BIRD FAULT LOOKING EAST →



BLUE BIRD FAULT LOOKING WEST → ← VOLCANICS →

SNAIL →
LAKE



BLASTING TRENCH NUMBER 1 IN BLUE BIRD FAULT.



MATERIAL FROM TRENCH NUMBER 1



TRENCH NUMBER 2 IN DECOMPOSED VOLCANICS



LOOKING INTO TRENCH - VOLCANICS IN BACKGROUND
QUARTZ IN FOREGROUND



TRENCH NUMBER 3



VOLCANICS AND QUARTZ STRINGERS IN
TRENCH NUMBER 3



TRENCH NUMBER 4



VOLCANICS

PEAK - CARBONATES



QUARTZ STOCKWORK IN BLUE BIRD FAULT





RED BIRD FAULT.

CARBONATES

SERPENTINITE

ULTRAMAFIC

BLUE BIRD FAULT

VOLCANICS

30 M

ULTRAMAFIC

TRENCH #2

TRENCH #3

BURNT QUARTZ VEIN

GRANITE

TRENCH #4

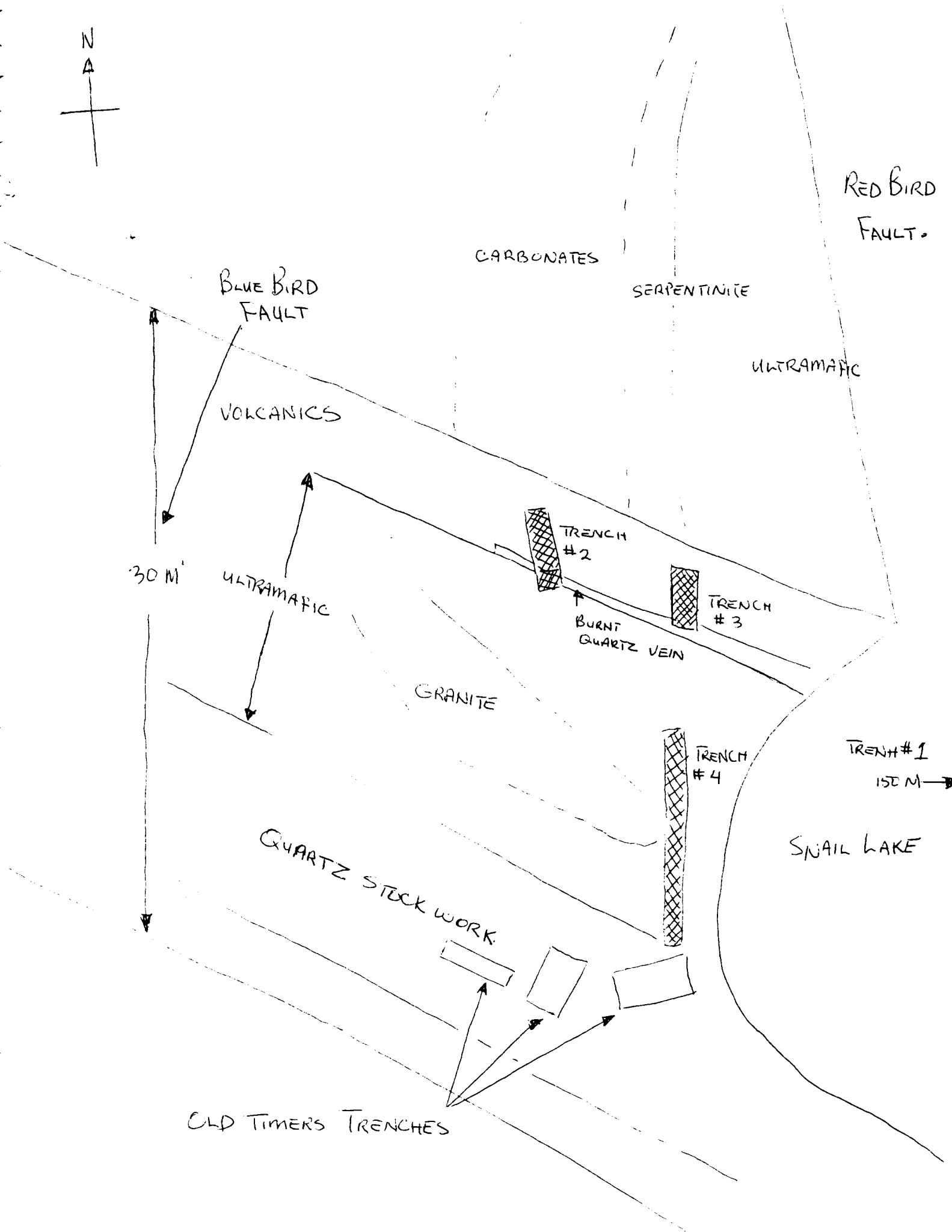
TRENCH #1

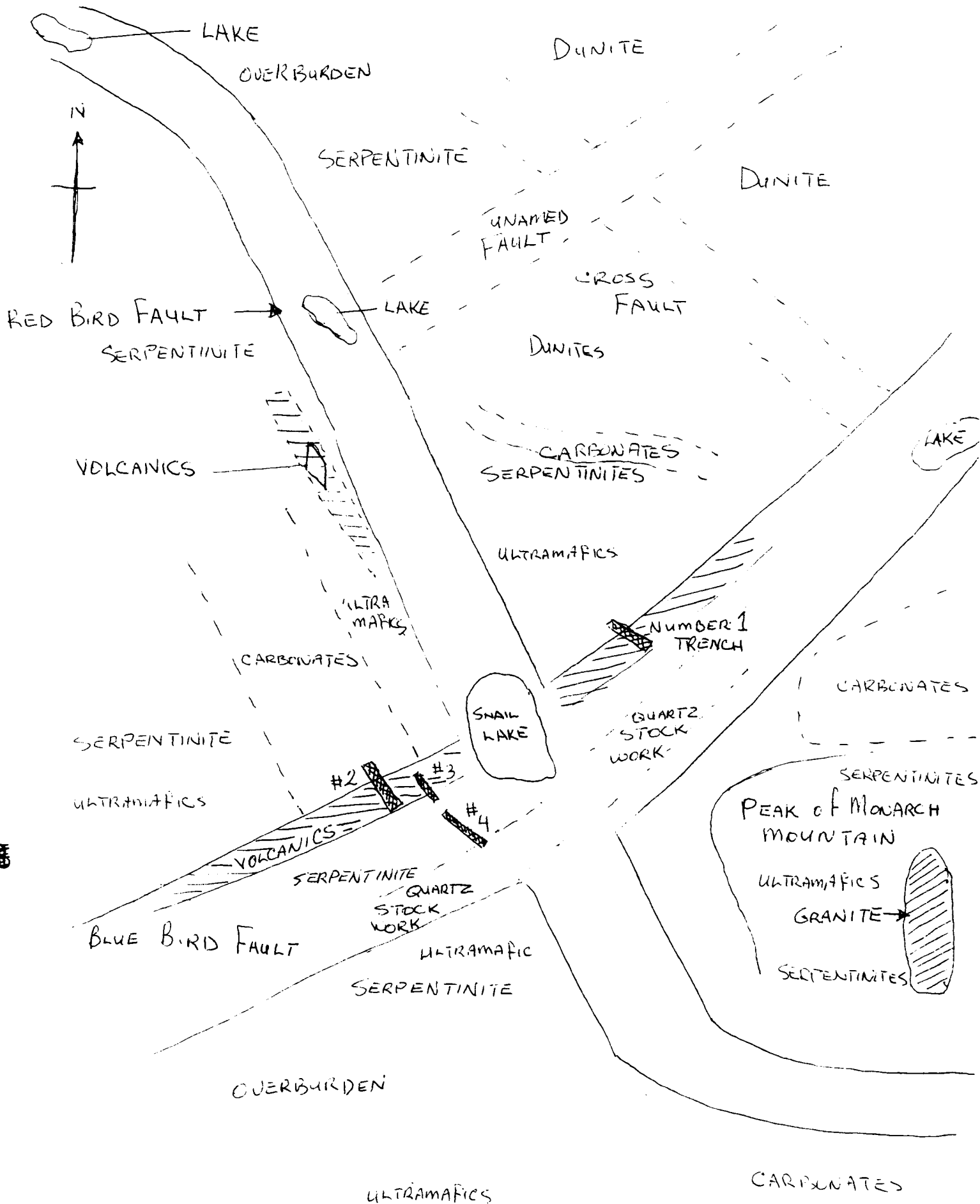
150 M

SNAIL LAKE

QUARTZ STOCK WORK

OLD TIMERS TRENCHES





11
12
13
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22

| SAMPLE | PREP CODE | | Au g/t | Cu | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg |
|------------------|-----------|-----|---------|------|-------|--------|------|------|-------|------|-------|------|------|------|------|------|------|------|--------|------|--------|
| | FA+AA | | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % |
| QT2 STOCKWORK | 205 | 226 | 0.030 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| SAMPLE2STOCKWORK | 205 | 226 | 0.010 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| VOLCANICS | 205 | 226 | < 0.005 | ---- | < 0.2 | 4.10 | < 2 | 1050 | 1.5 | < 2 | 2.75 | 0.5 | 21 | 56 | 71 | 3.73 | 10 | < 1 | 1.10 | 90 | 2.04 |
| BLAST PIT #1-1 | 205 | 226 | < 0.005 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| BLAST PIT #1-2 | 205 | 226 | < 0.005 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| BLAST PIT #1-3 | 205 | 226 | < 0.005 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH #1 | 205 | 226 | 1.030 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH#1 SMP.#2 | 205 | 226 | < 0.005 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH#2 SMP.#1 | 205 | 226 | < 0.005 | 10 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH 2 SMP.1 | 205 | 226 | 0.005 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH#2 SMP.#3 | 205 | 226 | 0.010 | 13 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH#3 SMP.#2 | 205 | 226 | 0.005 | ---- | 0.2 | < 0.01 | 36 | 50 | 0.5 | < 2 | 12.40 | 1.0 | 43 | 42 | 4 | 2.66 | < 10 | < 1 | < 0.01 | < 10 | 13.25 |
| #3 TRENCH #3 | 205 | 226 | < 0.005 | ---- | 0.2 | 0.03 | 32 | 30 | < 0.5 | < 2 | 5.80 | 0.5 | 57 | 52 | 8 | 3.08 | < 10 | < 1 | < 0.01 | < 10 | >15.00 |

| SAMPLE | PREP CODE | | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Pt | ppb | |
|------------------|-----------|-----|------|------|--------|------|------|------|------|------|------|--------|------|------|------|------|------|------|------|------|
| | | | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | AFS |
| QT2 STOCKWORK | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| SAMPLE2STOCKWORK | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| VOLCANICS | 205 | 226 | 740 | 5 | 1.79 | 57 | 2900 | 14 | < 2 | 3 | 1825 | 0.11 | < 10 | < 10 | 144 | < 10 | 58 | < 5 | | |
| BLAST PIT #1-1 | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| BLAST PIT #1-2 | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| BLAST PIT #1-3 | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH #1 | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH#1 SMP.#2 | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH#2 SMP.#1 | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH 2 SMP.1 | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH#2 SMP.#3 | 205 | 226 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| TRENCH#3 SMP.#2 | 205 | 226 | 1920 | 1 | < 0.01 | 981 | 10 | 14 | 6 | 1 | 300 | < 0.01 | < 10 | < 10 | 2 | < 10 | 22 | ---- | ---- | |
| #3 TRENCH #3 | 205 | 226 | 750 | 1 | < 0.01 | 1360 | 10 | 12 | 6 | 1 | 435 | < 0.01 | < 10 | < 10 | 4 | < 10 | 20 | ---- | ---- | |

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To: AUBURN MINING

##

BOX 57
 ATLIN, BC
 VoW 1A0

Project :
 Comments: ATTN:BILL WALLIS

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 22-OCT-96
 Invoice No. : 19636671
 P.O. Number :
 Account : NJD

CERTIFICATE OF ANALYSIS A9636671

| SAMPLE | PREP CODE | Au g/t FA+AA | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Hg ppm | K % | Mg % | Mn ppm | Mo ppm | Na % |
|--------|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|--------|---------|-----------|-----------|---------|
| 300763 | 208 226 | < 0.005 | < 1 | 1.47 | 20 | 960 | < 5 | < 10 | 3.55 | < 5 | 25 | 140 | 120 | 4.68 | < 10 | 0.42 | 2.05 | 750 | 15 | 0.13 |
| 300764 | 208 226 | < 0.005 | < 1 | 1.43 | < 10 | 340 | < 5 | < 10 | 1.90 | < 5 | < 5 | 60 | 5 | 0.98 | < 10 | 0.42 | 0.89 | 190 | < 5 | 0.05 |
| SAMPLE | PREP CODE | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | | | | | | | |
| 300763 | 208 226 | 45 | 3500 | 65 | < 10 | 10 | 210 | 0.52 | < 20 | < 20 | 140 | < 20 | 80 | | | | | | | |
| 300764 | 208 226 | 30 | < 100 | 40 | < 10 | < 5 | 115 | < 0.01 | < 20 | < 20 | < 20 | < 20 | 25 | | | | | | | |

24
25

IC B



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BOX 57
 ATLIN, BC
 V0W 1A0

Project :
 Comments:

Page Number : 1-B
 Total Pages : 1
 Certificate Date: 25 SEP 96
 Invoice No. : 19631950
 P.O. Number :
 Account : NJD

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9631950

| SAMPLE | PREP CODE | | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | | | | | |
|---------|-----------|-----|--------------|--------|--------|-------|--------|-------|-------|--------|--------|------|------|--------|--------|--------|-----|--------|------|------|------|
| | | | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | | | | | |
| M300751 | 205 | 226 | < 1 | < 0.01 | 1 | 60 | >10000 | 70 | < 1 | 1 | < 0.01 | < 10 | < 10 | < 1 | < 10 | >10000 | | | | | |
| M300753 | 205 | 226 | < 1 | 0.01 | 313 | 10 | 296 | 108 | 4 | 381 | < 0.01 | < 10 | < 10 | 7 | < 10 | 218 | | | | | |
| M300754 | 205 | 226 | < 1 | 0.02 | 41 | 340 | 316 | < 2 | 4 | 310 | < 0.01 | < 10 | < 10 | 23 | < 10 | 178 | | | | | |
| M300755 | 205 | 226 | < 1 | 0.01 | 39 | 500 | 14 | < 2 | 33 | 82 | < 0.01 | < 10 | < 10 | 218 | < 10 | 80 | | | | | |
| M300757 | 205 | 226 | < 1 | 0.05 | 4 | Intf* | 12 | < 2 | 28 | 41 | < 0.01 | < 10 | < 10 | 23 | < 10 | 6 | | | | | |
| M300758 | 205 | 226 | < 1 | 0.04 | 5 | Intf* | 10 | < 2 | 7 | 10 | < 0.01 | < 10 | < 10 | 3 | < 10 | 12 | | | | | |
| M300759 | 205 | 226 | < 1 | 0.02 | 7 | 1230 | 2 | < 2 | 2 | 220 | < 0.01 | < 10 | < 10 | 20 | < 10 | 28 | | | | | |
| M300760 | 205 | 226 | 956 | 0.01 | < 1 | 130 | 2370 | < 2 | < 1 | 3930 | < 0.01 | < 10 | 70 | < 1 | < 10 | 20 | | | | | |
| M300761 | 205 | 226 | 3 | 0.02 | 8 | 70 | 12 | < 2 | 9 | 41 | 0.16 | < 10 | < 10 | 63 | < 10 | 44 | | | | | |
| M300762 | 205 | 226 | 1 | 0.20 | 2 | 2100 | 8 | < 2 | 9 | 19 | 0.18 | < 10 | < 10 | 55 | < 10 | 88 | | | | | |
| SAMPLE | PREP CODE | | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn |
| | | | ppb FA+AA | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm |
| M300751 | 205 | 226 | < 5 | 96.8 | 0.20 | 312 | 20 | 25.0 | < 2 | 2.14 | >100.0 | 4 | 22 | 3450 | >15.00 | 10 | < 1 | 0.06 | < 10 | 0.09 | 1155 |
| M300753 | 205 | 226 | < 5 | 0.6 | 0.06 | 152 | 30 | < 0.5 | < 2 | 6.23 | 2.0 | 22 | 200 | 14 | 2.55 | < 10 | 1 | 0.01 | < 10 | 6.52 | 365 |
| M300754 | 205 | 226 | < 5 | 0.6 | 0.31 | 4 | 120 | < 0.5 | < 2 | 14.35 | 2.5 | 9 | 72 | 33 | 1.81 | < 10 | < 1 | 0.01 | < 10 | 5.56 | 480 |
| M300755 | 205 | 226 | < 5 | < 0.2 | 0.66 | 8 | 30 | < 0.5 | < 2 | 3.67 | < 0.5 | 29 | 81 | 88 | 6.81 | < 10 | < 1 | 0.02 | < 10 | 2.30 | 1095 |
| M300757 | 205 | 226 | 10 | 1.0 | 0.09 | < 2 | 10 | < 0.5 | Intf* | 6.93 | 0.5 | 5 | 56 | >10000 | 5.85 | < 10 | 1 | < 0.01 | < 10 | 2.87 | 1975 |
| M300758 | 205 | 226 | 50 | 0.6 | 0.04 | < 2 | < 10 | < 0.5 | Intf* | 1.97 | < 0.5 | 3 | 191 | >10000 | 3.63 | < 10 | < 1 | < 0.01 | < 10 | 0.80 | 715 |
| M300759 | 205 | 226 | < 5 | 0.2 | 0.12 | 8 | 40 | < 0.5 | < 2 | 12.50 | 0.5 | 1 | 58 | 115 | 2.20 | < 10 | < 1 | 0.03 | < 10 | 4.80 | 565 |
| M300760 | 205 | 226 | < 5 | 5.2 | < 0.01 | < 2 | 370 | < 0.5 | 52 | >15.00 | 5.0 | 1 | 26 | 44 | 0.26 | < 10 | 1 | < 0.01 | 180 | 0.12 | 1065 |
| M300761 | 205 | 226 | < 5 | < 0.2 | 0.76 | < 2 | 340 | 1.5 | < 2 | 2.35 | < 0.5 | 7 | 40 | 30 | 3.56 | < 10 | < 1 | 0.01 | 10 | 2.01 | 390 |
| M300762 | 205 | 226 | < 5 | < 0.2 | 1.00 | < 2 | 100 | 0.5 | < 2 | 1.88 | < 0.5 | 12 | 35 | 16 | 7.19 | 10 | < 1 | 0.26 | 10 | 0.89 | 730 |

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