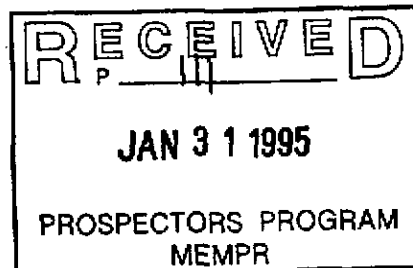


**BRITISH COLUMBIA**  
**PROSPECTORS ASSISTANCE PROGRAM**  
**MINISTRY OF ENERGY AND MINES**  
**GEOLOGICAL SURVEY BRANCH**

PROGRAM YEAR: 1994/95

REPORT #: PAP 94-35

NAME: CATHERINE RIDLEY



A PROSPECTING REPORT

for the

PROSPECTORS ASSISTANCE PROGRAM

REFERENCE NO. 94-95-P111

on the

TIMBERLINE 1-8 CLAIMS and the BASSETT CREEK AREA

CARIBOO MINING DIVISION

N.T.S. 93A/7W & 2W

N.T.S. 92P/15

by

Catherine J. Ridley

January, 1995

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SUMMARY  
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The Timberline claims are situated approximately 110 kilometers northeast of 100 Mile House, BC. The claims lie at the eastern contact of the Nicola Group volcanic rocks and the underlying phyllitic meta-sediments.

The property has been held for a number of years, lately by A. McMillan of Williams Lake, BC. Limited work programs consisting of soil and rock sampling and scant mapping were conducted in 1984 and 1988. (AR#'s 12,067 & 18,867) Results were desultory. If further work was done it remains unrecorded. Research during the winter of 1993 unearthed the potential of the area. Once the ground was found to be open staking took place in May and June of 1994 under the original Timberline name.

Application was made in May of 1994 for a Prospector's Assistance Grant. A program consisting of prospecting, trench clearing, detailed chip sampling, soil sampling and mapping was approved and carried out during the following summer and fall.

Results are most illuminating and show the need for further work. Soil sampling should continue on a larger scale. Further prospecting of the units as yet unexplored is necessary in light of present findings. A suggested target is shear-hosted gold mineralization in propylitically altered Jurassic greenstones.

## INTRODUCTION

---

The 1994 field season resulted in a program of prospecting, detailed soil sampling, clearing of old trenches followed by chip sampling. No detailed maps of the shaft and trenches have yet been found therefore mapping was undertaken at the time of sampling.

Results have confirmed the presence of gold and copper in the large quartz vein exposed by the shaft, and in Trench #4. Certain anomalies are also found in the soil results. A new gold target was discovered on the west side of McKee Lake.

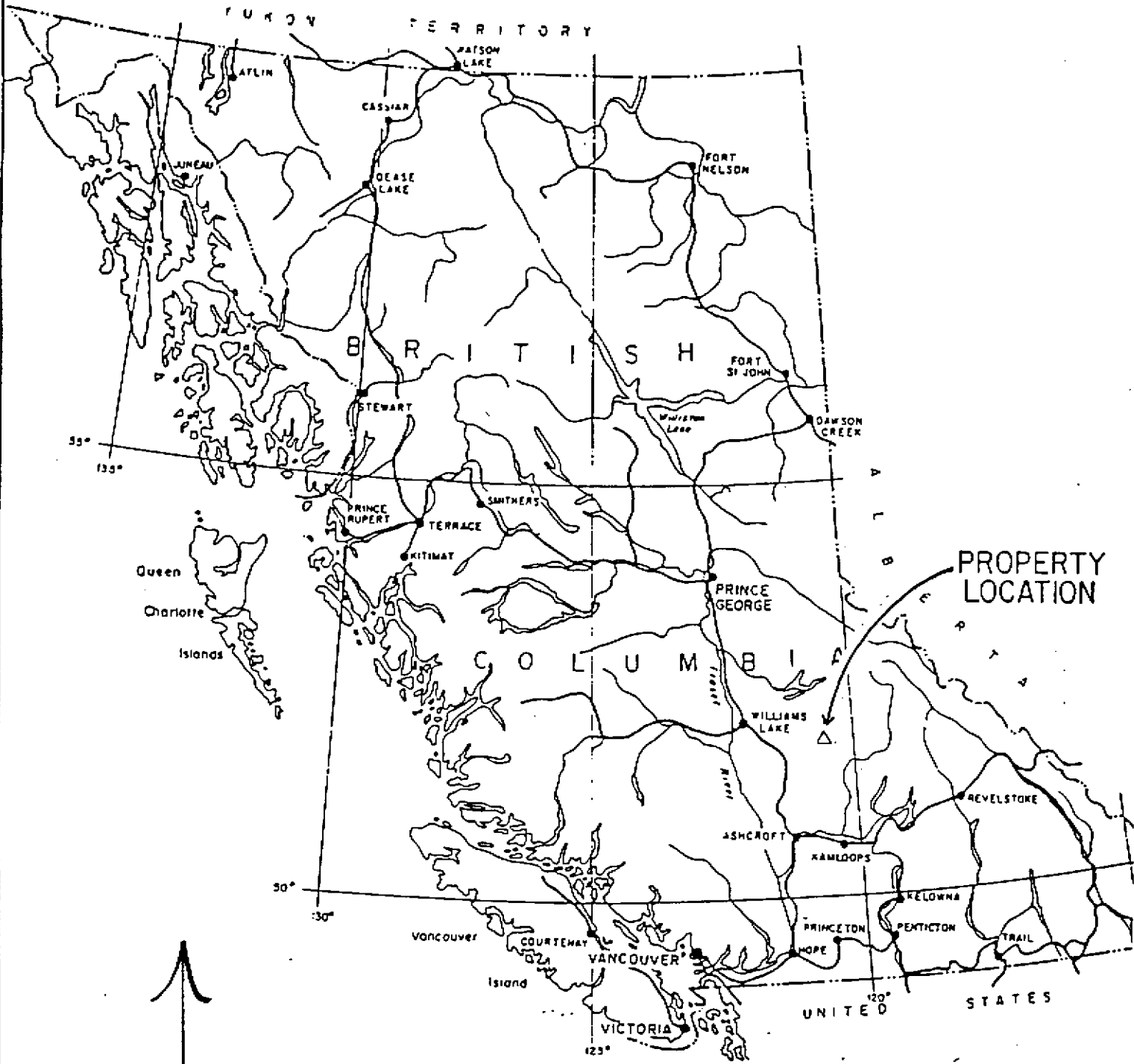
Further work on the property is definitely in order as a result of the work done this year.

## LOCATION, ACCESS and TOPOGRAPHY

---

The Timberline claims straddle the boundary of NTS map sheets 93A/2W & 7W. The property lies approximately 110 kilometers northeast of 100 Mile House, BC. Access is gained by travelling 55 kms. via paved road (Canim Lake hwy.) from 100 Mile House to Eagle Creek Post Office. Thence by good gravel road (6000 rd.) 47 kms. to the Black Creek turn-off. A left turn leads onto a narrower but reliable logging road (Elbow Lake rd.) which is followed for another 11 kms. to the lake. The last 1.5 kms. to the main showing is very rough. An ATC trail gives way to a hiking path near the southeast end of McKee Lake. Continuing east and north around the lake the trail winds through a tangled jungle of juvenile Cedar, Willow, Birch and Alder which prospers in the midst of meter high deadfall piles. Semi-bleached spires of Cedar, Spruce and Fir destroyed in the fire which caused the old burn loom over the trail.

The main showing is pinpointed by a lone majestic Douglas Fir which juts out from the hillside directly below the shaft and is visible from the south end of McKee Lake. Unfortunately a good portion of the property falls within the burn. Brief pockets of relief are provided by small areas around the lake, of mature Spruce, Fir, Cedar and the occasional Hemlock which survived the conflagration.



PROPERTY LOCATION FIG. 1	
Timberline & Bassett Creek Area	
CARIBOO MINING DIVISION	
N.T.S. 93A/2W/17W: 92P/15	
G.J. Ridley	
JAN. 1994	

Some time ago logging took place over the majority of the property, leaving behind skid roads which now provide decent access to most of the area.

Late May to mid-October is the best time to visit the area as it lies close to the Cariboo mountains and as such is subject to both early and late winter storms. (Fig. 1)

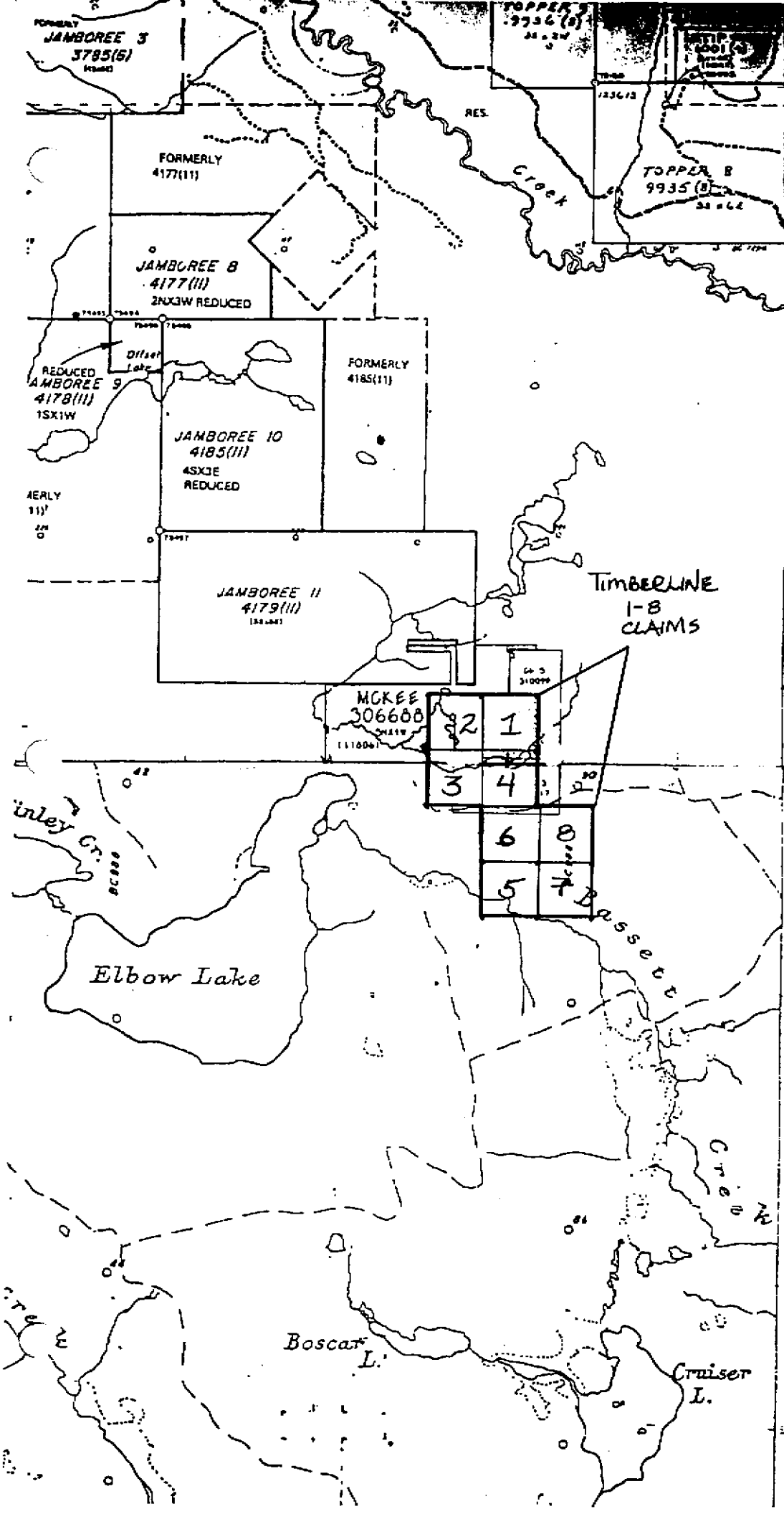
#### PROPERTY HISTORY

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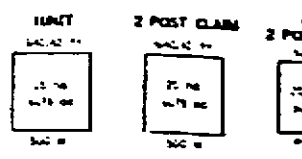
Very little is known about the Timberline showing when one considers how long it has been in existence. In 1934 mention was made of it in an MEMPR report, page C-32. "Quartz veins occur in andesitic volcanics in a zone of shearing trending north 63 degrees west. The chief exposure is a large vein showing free gold, small amounts of chalcopyrite and much sericite and is considerably oxidized. This vein has a tendency to widen at depth. Outcrops of diorite occur close to the discovery. A pit 10 feet deep shows at the bottom a vein somewhat over 11 feet wide. A sample taken across 11 feet 9 inches assayed Gold, 0.30 oz. per ton." The claims, though being held for a good portion of the time disappear from the literature until 1984.

Under the name McKee Lake Properties an assessment report was filed detailing work done in November of 1983 (AR# 12,067). The claims now called the C.G. 1-4, basically covered the same ground. Work consisted of widely spaced soil sampling on 200 meter lines with 50 meter sample intervals. Samples were taken from a depth of 10 to 15 cms. Results were meager with a few narrow linear NW trending weakly anomalous Au/Cu zones. Maximum gold in soils was 40 ppb with copper peaking at 265 ppm.

In 1989 the "Report on Geological Investigations of the C.G. claims 1-4" was filed. (AR# 18,867) Three days had been spent in examination of the four units. Four rock samples were taken and analyzed for Au, Cu and Ag. The highest value obtained came from rubble found on the shaft dump; 0.48 g/t (0.014 oz/t) Au and 0.04% Cu. This was the last report filed on the claims.



REVERTIBLE MINERAL CLAIMS  
CROWN GRANTED  
OPEN FOR STAKING



THIS MAP IS PREPARED ONLY AS A GUIDE TO THE LOCATION OF MINERAL TITLES AS SHOWN ON THE LOCATOR'S STATEMENT. FOR CURRENT OR MORE SPECIFIC INFORMATION, APPLICATION SHOULD BE MADE TO THE MINING DIVISION OF THE PROVINCE OF BRITISH COLUMBIA.

093A06E	093A06W	093A06Z
093A07E	093A07W	093A07Z
093A08E	093A08W	093A08Z

INDEX TO ADJOINING MAPS

093A07W  
093A02W



Fig. 2  
CLAIMS LOCATION  
CARIBOO M.D.

SCALE: 1:50,000  
PETROLEUM RESOURCES

MINERAL TITLES REFERRED TO

MAP 093A02W

U.T.M. ZONE 10

LAST MAP UPDATE: 1993 JUL



Much of the area was staked during the 1980's when several companies rushed through the region looking for porphyry type deposits in quartz diorite stocks. The Jamboree (Doreen) claims to the northwest of the Timberline have been extensively explored and drilled since that time and are still in good standing though somewhat reduced in size.

#### CLAIM STATUS

-----

The Timberline property consists of eight two-post claims. These are 100% owned by C.J. Ridley of Eagle Creek, BC. No restrictions apply to staking, exploration or development in the area. Pertinent claim data is listed below. (Fig. 2)

Claim Name	Record No.	***Expiry Date**
Timberline #1	325552	May 19, 1998
Timberline #2	325553	May 19, 1998
Timberline #3	325554	May 19, 1998
Timberline #4	325555	May 19, 1998
Timberline #5	326273	June 11, 1998
Timberline #6	326274	June 11, 1998
Timberline #7	326275	June 11, 1998
Timberline #8	326276	June 11, 1998

\*\*Pending assessment report approval\*\*

#### REGIONAL GEOLOGY

-----

The Timberline property lies within the allochthonous Quesnel Terrane, a structural division of the Intermontane Belt. Nicola Group volcanics of Mid to Late Triassic and sediments of Late Triassic to Mid Jurassic are in fault contact to the east of the property. (Fig. 3)

The Jurassic rocks comprise a variety of massive porphyritic flows, breccia and tuffs (JTrb) and massive flows, agglomerates, ashflow tuffs, pillow basalts, mafic dikes and minor limestone. (JTra) Whereas volcanic sandstones, wacke, volcanoclastics, banded slates, tuffs, minor fissile phyllites and limestone overlying thick beds of black phyllites make up the Triassic package. (Trb)

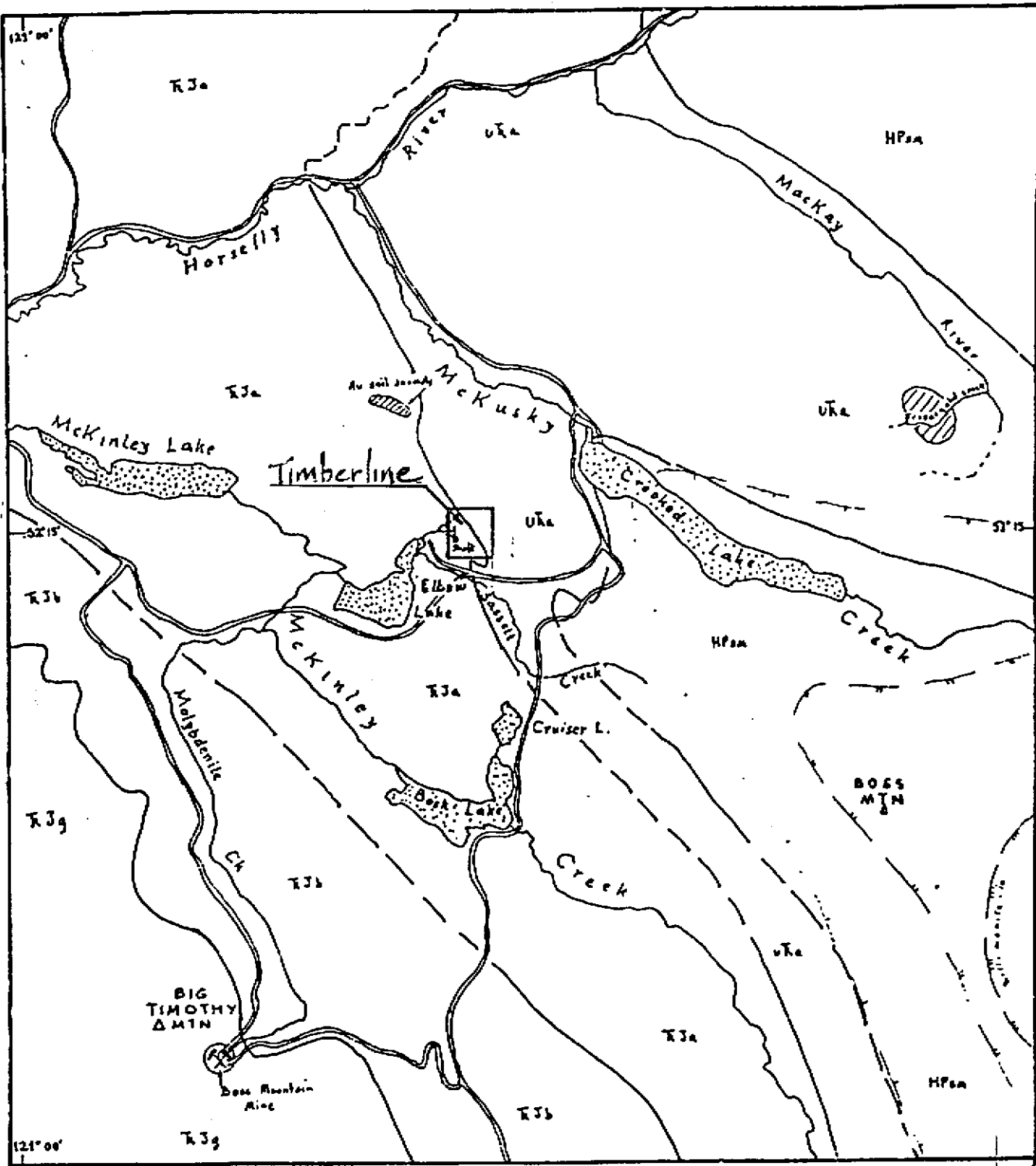
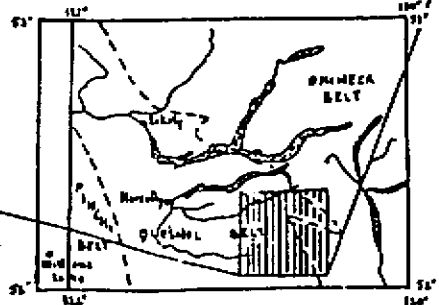
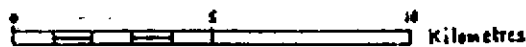


FIG. 3

LOCATION AND GEOLOGY



**K3b** Trias-Jurassic porphyry basalt-andesites

**Uka** Upper Triassic argillite, quartzite, gneiss

**K3a** Trias-Jurassic basaltic tuff

**HPsa** Snowshoe Formation (Paleozoic)

**K3c** Granodiorite

Further to the east the Eureka Thrust defines the boundary of Hadrynian and younger Snowshoe Formation which is in contact to the west with the Paleozoic rocks of the Crooked Amphibolite.

The present geological configuration of the area "is believed to be a result of a Jurassic convergent event during which the allochthonous assemblages of the Quesnel Terrane were thrust eastwards over the North American craton. Sedimentary and volcanic assemblages of Late Paleozoic and Mesozoic age were emplaced over Proterozoic to early Paleozoic rocks of North American affinity comprising the Barkerville Terrane. Obduction of the Quesnel terrane resulted in intense crustal deformation, involving folding and the development of extensive mylonite (high strain) zones within the crustal rocks, and regional metamorphism ranging from greenschist to amphibolite facies. Detachment surfaces developed during eastward transport of the allochthonous assemblages, resulting in imbrication at higher structural levels. Regional deformation following the final accretion of the Quesnel Terrane resulted in folding of the tectonic boundary." (Bloodgood, M.A., Paper 1990-3).

#### 1994 WORK PROGRAM

-----

The 1994 program began with trail rehabilitation. This was necessary for access to the main showing and work area. Prospecting of the trail was accomplished once the dense brush was cleared away. This was followed by sampling of the shaft vein. After removing overburden four trenches were sampled. Soil samples were then taken in the vicinity of the shaft and trenches. Prospecting was carried out along the lines as well as during exploration traverses. Lastly detailed mapping of the shaft and trenches was undertaken. (Fig. 6)

Sampling of the main quartz vein got underway once the shaft collar was determined to be stable. Debris which has accumulated over the years at the five meter level provides a makeshift platform for sampling. Reportedly the shaft does continue for another 10 meters however water now rises to an unknown level below the blockage.

The trenches have lain undisturbed for sixty years. It appears that material from each succeeding trench was thrown into that of the previous one. The time and amount of detritus combined to scale down previous clearing plans. Due to this excess of overburden only portions of the trenches were cleaned and sampled.

The soil program used a smaller scale grid than was previously employed. Lines are 100 meters long, 25 meters apart with stations at five to ten meter intervals. Depth was also increased to a maximum of 40 centimeters. This produced material which fell into the B and/or C category. Samples from trenches 4 and 5 were taken several centimeters below excavated depth.

In all thirty-five (35) soils and thirty-two (32) rocks were collected during the work season. Sample locations appear on Fig. 5; Analyses results appear in Appendix B; Laboratory Procedures are included in Appendix C and Rock Description Sheets are in Appendix A.

#### SOIL ORIENTATION SURVEY

-----

A total of 35 soil samples were collected from a tightly spaced grid on the Timberline 1-4 claims. The grid was centered on the shaft with N/S lines 25 meters distant. Sampling took place every 10 meters along the lines. Soil augers were used as they have proven to be superior in retention of the different horizons. The BF horizon was the preferred medium with C substituting when necessary. Sample depth reached a maximum 40 cms. with 30 cms. being the average. In the area proximate to the shaft soil is scarce or nonexistent. Chips were taken from rocks within a meter radius of the station when soil was absent.

The samples were air-dried then sent to Acme Analytical Labs in Vancouver. There they were sieved to -80 mesh, one gram was analyzed for 30 elements by I.C.P. and ten grams were fire assayed and analyzed by atomic absorption for gold. See Appendix "C" for Laboratory Procedures.

Soil results show a noticeably higher number of anomalies when compared to prior results. (AR# 12,067) This may be due in part to the greater depth employed in the current survey. Many of the anomalies appear to come from a depth of between 30 - 40 centimeters and, the BF horizon. In the trenches, the depth is well over a meter and the horizon suspect due to sloughing off of material over the years.

Values range from <1-2324 ppb for gold and from 10-646 ppm for copper. The highest numbers reflect mineralization present in material from the shaft dump. Downslope dispersion

8.105 21.53 25.213 21.18 5.28 17.47 13.18 9.23 9.31 21.11 9.15 L1N  
 106 95 88 59 96 46 78 90 76 40 69

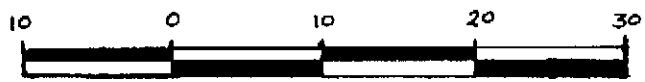
30.28 9.64 21.82 58.183 38.450 2324.646 34.16 14.78 14.142 19.72 2.29 7.11 3.16 L0+00  
 110 36 30 59 60 46 70 90 97 87 84 47 68

TR#4  
 2020 371  
 58

SHAFT

7.26 11.36 16.73 19.26 20.27 8.30 20.28 3.22 21.10 8.24 8.32 L1S  
 76 81 89 69 97 74 73 80 61 89 116

50W 0+00 50E



1:500 meters

(ppb) Au / Cu (ppm)  
 Zn (ppm)

TIMBERLINE CLAIMS		
CARIBOO M.D. NTS 93A/TW		
SOIL ORIENTATION SURVEY		
FIG. 5	Jan. 1994	C.J. Ridley



may be responsible for the higher numbers found on LIS, or may reflect underlying mineralized structures. Though numbers are elevated for soils taken at L0+00: 0+50W (copper-480 ppm and gold-22 ppb) and L0+00: 0+20W (copper-133 ppm, gold-58 ppb) values returned by the chips taken at L0+00: 0+30W and 0+40W were very low. This may or may not be due to the difference in mediums.

At L0+00: 0+10W soil returned values of 450 ppm copper, 38 ppb gold and 130 ppm nickel yet a rock sample taken from the same area was completely lacking in any significant mineralization. This trend continues at L0+00: 0+05E where copper analyzed 419 ppm with gold at 54 ppb and nickel 105 ppm in soils while rock samples TIM94 DR9 and DR17 are again quite low in comparison. However at TIM94 CR3 (99 ppm Cu; 584 ppb Au) which is in Trench #4, values of 2020 ppb Au and 371 ppm Cu were obtained from a soil (L0+05: 0+05E).

Zinc anomalies occur with or without copper and/or gold as can be seen at LIS: 0+50E (116 ppm Zn, 32 ppm copper, 8 ppb gold), L0+00: 0+50W (110 ppm Zn, 28 ppm Cu, 30 ppb Au) and LIS: 0+50W (106 ppm Zn, 105 ppm Cu, 8 ppb Au). There are no corresponding zinc and nickel anomalies.

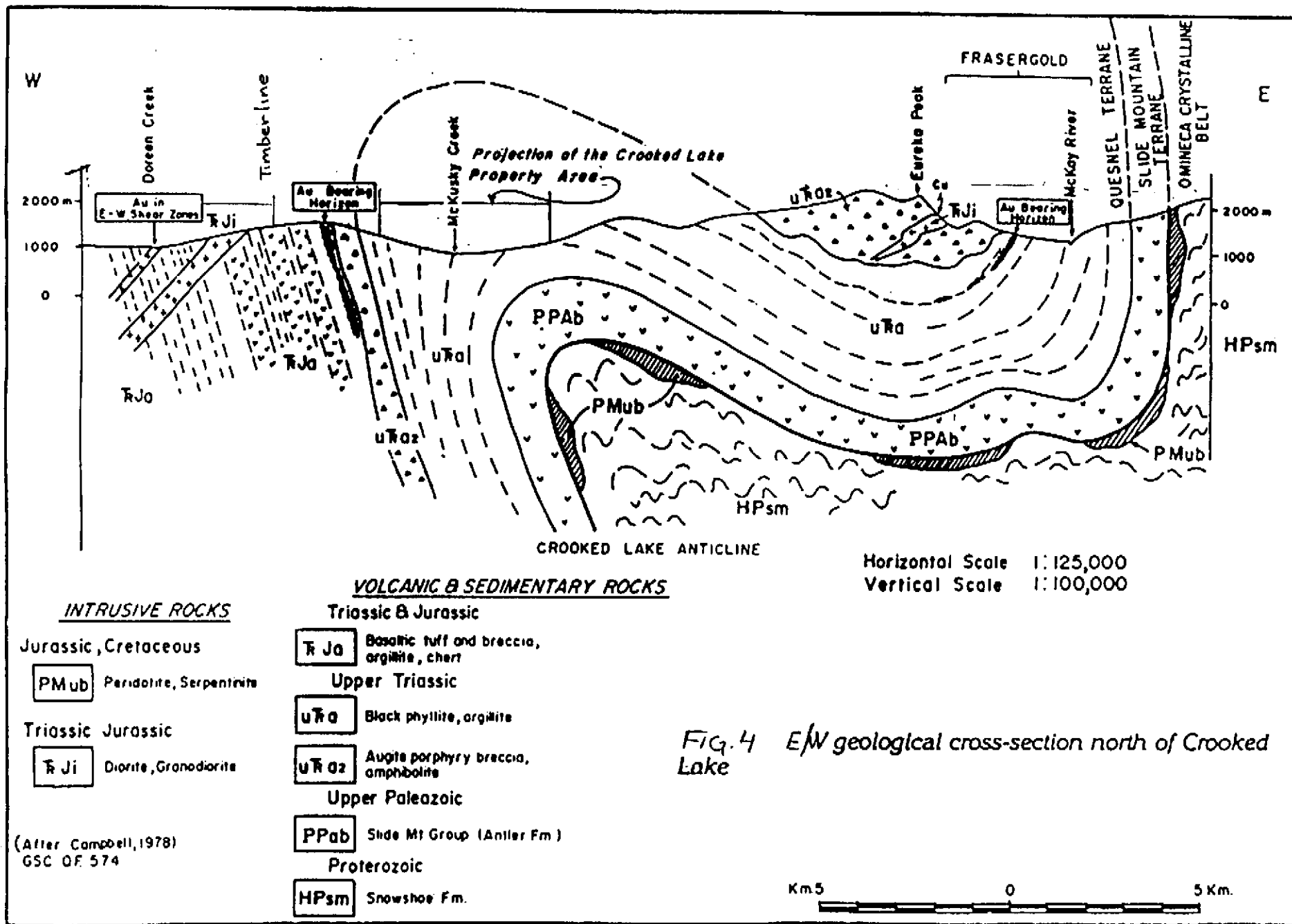
Results of the soil survey are promising. Shear hosted gold mineralization was confirmed and new targets were outlined for possible hand trenching. A much more comprehensive soil program would now be advisable.

#### PROPERTY GEOLOGY and MINERALIZATION

-----

Outcrop is limited over most of the property with hills, ridges, creeks and road cuts providing the best exposure. The knoll surrounding the shaft and trenches is composed of andesitic volcanics and altered diorites. Quartz is abundant in veins and lenses and as silica in the altered rocks. Chlorite schists are found next to the broad shear zone to the west and south of the shaft and in trench #5. Pyrite is not uncommon in almost all the rocks in the area. Alteration is present in varying degrees of intensity. Chlorite, epidote, sericite, silica and/or carbonate also occur in a majority of the rocks.

The quartz vein exposed in the shaft measures 2.5 meters in width at the site of sampling. It appears to trend 112°/80'S. A very strong E/W joint set cuts the vein at 108°/70'N. Gold, copper and sporadic malachite occur along with sericite, siderite and ankerite in a



quartz which varies from a very brittle white to bluish-grey in color and somewhat resembling chalcedony in texture. Pyrite up to 3% locally, appears as fine disseminations and well-formed euhedral crystals. A propylitically altered volcanic breccia high in carbonate makes up the wallrock of the vein and is also mineralized to some extent. A 90 cm. section of the vein returned 914 ppb Au, 303 ppm Cu (TIM94 DR3). A 30 cm. section of vein and wallrock, adjacent to the east, analyzed 181 ppb Au and 1065 ppm Cu (TIM94 DR1).

Trench #1 lies west southwest of the shaft and has been cleaned and sampled for a total of 2.6 meters. The rock exposed is very felsic due largely to quartz veining and flooding and includes a 0.5 cm. wide carbonate veinlet. The overall trend of the zone is 360°/82°W, it is highly folded and contorted and is cut by small fault (joints?) at 078°/80S and 062°/80°N. TIM94 DR10 is a 30 cm. wide sample of silica, chlorite and biotite altered diorite carrying 9 ppb Au and 157 ppm Cu.

Trench #2 is west of the shaft. It consists of a 55 cm wide shear zone which trends 172°/85°W and is composed of chlorite and ankerite altered volcanics. Quartz stringers are abundant throughout the zone. The quartz veins, wallrocks and alteration contain pyrite up to 2%. A 40 cm. sample of two, 20 cm. wide quartz veins trending 025°/90° and separated by 2 cm. of chlorite-altered wallrocks returned values of 41 ppb Au and 91 ppm Cu (TIM94 DR8). A 55 cm. portion of the altered wallrock west of the quartz vein was sampled with results of 9 ppb Au and 123 ppm Cu.

Trench #3 is north and west of the shaft. It is little more than a pit on the plateau above. A one meter wide shear zone trending 360°/60°E is cut by a joint set at 084°/90°. Chlorite, epidote, quartz and carbonate altered material returned Au <1 ppb and Cu 62 ppm (TIM94 DR6).

Trench #4 is east and north of the shaft. A 30 cm. wide quartz vein cuts the chlorite, carbonate and silica altered volcanic tuff. Trend of the vein is 008°/90° while the trend of foliation in the wallrock is 012°. A 40 cm. sample of vein and wallrocks returned 584 ppb gold and 99 ppm Cu (TIM94 CR3). This vein is an extension of the shaft vein.

Trench #5 is east, of the shaft and trench #4. It was impossible to reach bedrock in the bottom of this trench without use of machinery or blasting. Instead, a 3.25 meter section of rock along the southeast wall was cleaned off and sampled. A 1.9 meter continuous chip sample was taken of a shear zone as yet unexposed to the NE/SW. It



appears to trend 180°/75°E. Material sampled was composed of highly (propylitic?) altered pyritic volcanics. One sample of a completely altered sulphide-rich cobble had as much as 10% pyrite (TIM94 CR9). Results of the sampling here, were really disappointing. The highest gold was 10 ppb from a 1.35 meter chip of carbonate altered volcanic carrying up to 2% pyrite, rare chalcopyrite and some siderite (TIM94 CR6). The highest copper came from a 1.10 meter chip of a shear zone with up to 5% pyrite in a hand samples. The value for copper was 66 ppm with gold at 9 ppb (TIM94 DR15).

During soil sampling a sixth trench measuring 5m x 3m and trending 250° was found. It lies 40 meters east and downslope of the shaft. It was not opened this year.

On the west side of McKee Lake slightly north of the outlet a sample was taken of subcrop rubble. It is highly chloritic volcanic breccia so intensely altered by quartz as to form white rock. Chlorite remnants are to be found throughout. This sample returned values of 720 ppb Au and 107 ppm Cu (TIM94 DR19). The trend of mineralization here appears to be roughly on strike with trends found across the lake around the shaft area.

In late April prospecting had been carried out along the road cut north of Bassett Creek. (Fig.6) A large zone of shearing outcrops along a 4 meter width of the road bank. Heavily pyritized and more intensely sheared zones occur within the main structure. The well-gossaned rocks are composed of altered diorites (hornblende porphyritic) and fine-grained chlorite and silica altered mafic volcanics. A sample of massive sulphide float approximately 40 cms. in diameter was found along the main road. It returned values of 380 ppb Au, 11.4 ppm Ag and 1.09% Cu (BAS94 DR8).

#### CONCLUSIONS

-----

The preliminary work program undertaken this year has provided interesting data.

- 1) Quartz veins both in the shaft and, above in

TR#4 carry gold and copper mineralization. A 1.5 meter chip of quartz and wallrock returned 1.4 grams per ton Au and 400 ppm Cu (TIM94 DR3 & 4). A .3 meter chip of altered volcanic and quartz vein returned values of .1% Cu and 181 ppb Au (TIM94 DR1).

2) Employment of a more tightly spaced grid for soil sampling was worthwhile. Several copper and/or gold anomalies were found.

3) Overall trend of the quartz veins and mineralized shears appears to be N-NW, however these are cut by very strong E/W joint sets.

4) Mineralization found on the west side of McKee Lake appears to be on strike with the joint set found in the shaft. Therefore the two showings and the intervening ground could very well pose a viable exploration target.

#### RECOMMENDATIONS

-----

Further work on the Timberline claims should include a larger tightly spaced, soil and geophysics grid. Stations would be every 20 meters along 50 meter N/S lines. Soil sampling and Mag-Vlf-Em would be then be carried out. Anomalous areas on the grid should be revisited and hand-trenching done on the site, along with re-sampling.

The last trench found during soil sampling should be excavated and sampled. As well further cleaning and sampling of TR #4 and TR #5 should be undertaken to determine the true width of the shear zones.

The most interesting piece of information gleaned from the work done this year is that of the mineralized E/W joint sets. In light of this an aggressive program of prospecting should be carried out on the west side of McKee Lake in the vicinity of the gold/copper anomaly (TIM 94 DR19).

Gold mineralization is also associated with E/W structures on the Doreen claims, to the north of the Timberline. Values of 6.3760 grams per tonne gold have been recorded from E/W trending shears. (AR# 17,089)

BASSETT CREEK REGIONAL PROGRAM

BOSCAR LAKE AREA  
NTS 93A/2

WELLER CREEK AREA  
NTS 92P/15

SUMMARY  
-----

The area of interest lies in the foothills of the Cariboo Mountains northeast of the village of 100 Mile House. The 6000 rd is the main artery providing access to the various locations. (Fig. 1)

Prospectors were exploring this part of BC as far back as the early 1900's. Though little in the way of work records or assessment reports were written at that time, shafts, trenches, pits and adits attest to the fact of earlier activity. Boss Mountain Molybdenite Mine which operated up until the mid-1980's was the result of exploration activity back in 1917.

Traditional prospecting, rock sampling and mapping were carried out during the summer and fall of 1994. Soil sampling had been planned however severe weather combined with prior work commitments to forestall any survey.

Further work is planned for all the areas except Weller Creek as it shows little promise. Results were not as exciting as one may wish however they are very thought provoking. Shear-hosted gold mineralization in E/W joint sets and structures and a possible VMS type mineralization provide worthy targets for next years program.

LOCATION AND ACCESS:  
-----

The Boscar Lake and Weller Creek areas are both accessed via the 6000 road. The former is located approximately 52 kilometers northwest of Eagle Creek Post Office on the Elbow Lake road. The Weller Creek area begins at two kilometers and continues northeast for another four or five kilometers on the 6000 road then for approximately five to six kilometers along the Cedar Creek road (Fig. 1).

INTRODUCTION  
-----

The 1994 field season saw a program of regional prospecting and exploration work undertaken. The purpose being to check out reported gold and copper anomalies in several different areas with a view to staking claims over the more promising prospects.

The Bassett Creek regional program was amended to account for a change of locale. The area east of Cruiser Lake and south of Bassett Creek was dropped in favour of one lower in elevation. Weller Creek was substituted; it along with Boscar Lake saw widespread prospecting traverses and representative sampling of any mineralization.

Work done in the Boscar Lake area provided data which leads one to believe a possible VMS target may exist.

Results of sampling in the Weller Creek area failed to reveal any significant economic mineralization in the carbonate altered argillites and diorites.

It was originally my intention to take a number of pan concentrates. This proved to be futile in all but the largest of creeks, Bassett being the main one. The entire area has little in the way of extreme relief any creeks or streams are quite dry by early summer.

Further work programs should prove to be quite worthwhile. In addition to further grass roots prospecting and soil sampling a geophysical program should also be considered.

BOSCAR LAKE AREA:  
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The geology of the Boscar Lake area can be found on page 5 and 6 of this report.

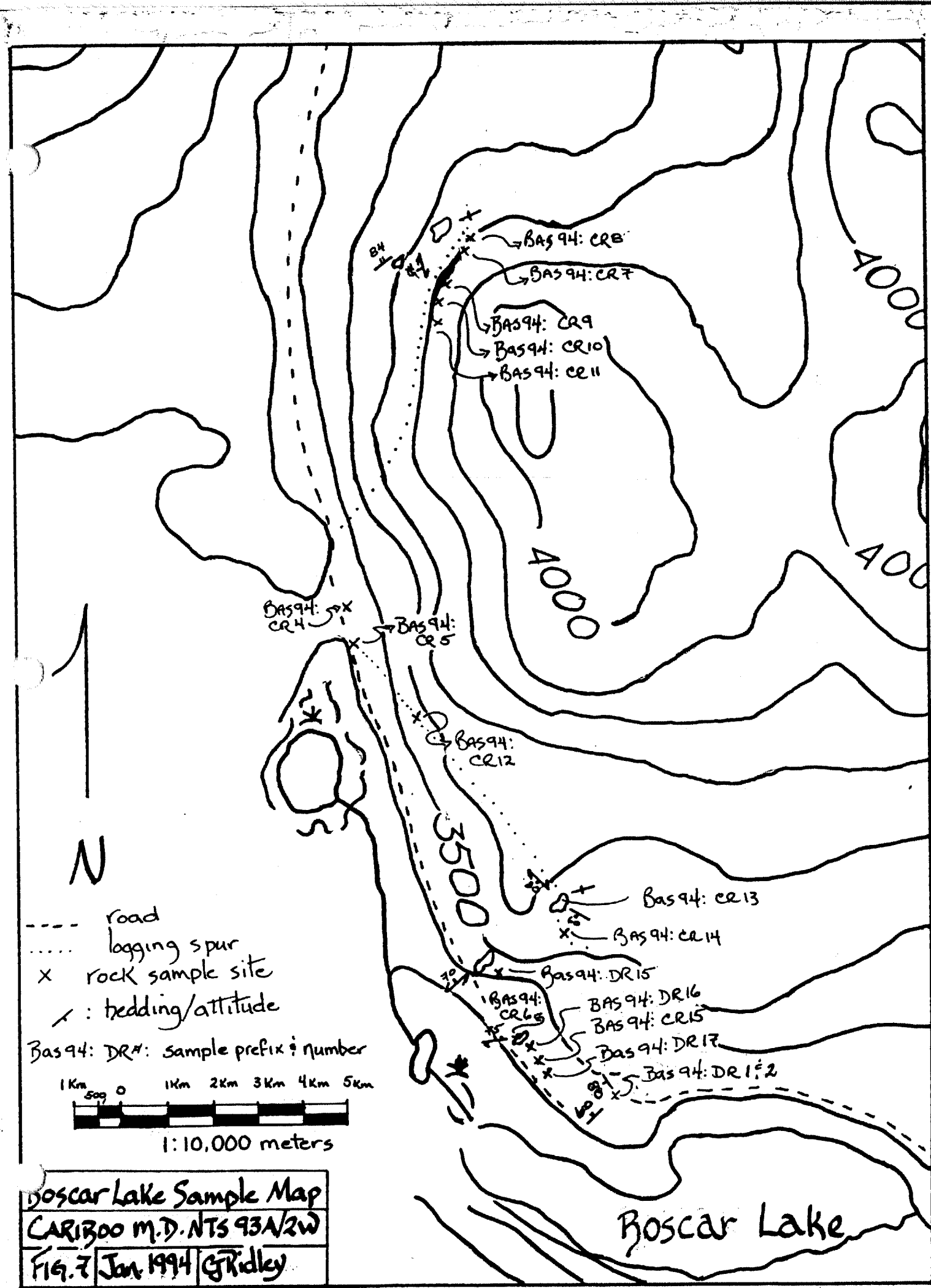
In early spring 1994 two samples were taken from outcrop west of Boscar Lake. A 20 cm. sample was taken of a carbonate altered quartz vein. The vein trends 045'/60'W and is cut by a fault at 310'/80'S. Carbonate and sericite are both present along with rare trace pyrite. Values for gold, silver and copper were low, at 10 ppb(Au), <.2 ppm(Ag) and 23 ppm(Cu). However it should be noted that this sample also returned values of 140 ppm Tin and 810 ppm Boron. (Bas 94 DR1). This ground is now held by A. McMillen of Williams Lake.

Wallrocks of this vein are a chlorite, sericite and limonite altered andesite, well-gossaned in outcrop. A .5 meter sample returned 365 ppb Au, <.2 ppm Ag and 2R1 ppm Cu (BAS94 DR2).

During the following summer and fall a number of traverses were run in the area to try and locate possible extensions of this mineralization. East of Boscar Lake the land is low lying and swampy. It rises to the north west culminating in a low rocky hill. Most of the work concentrated on the area north and west of the lake where outcrop and subcrop is much more prevalent.

Chlorite, epidote altered diorites with quartz/calcite stringers make up most of the rocks sampled. Pyrite is uncommon as is chalcopyrite. Quartz veins sampled proved to be barren of base or precious metals.

Interesting values were returned for two of the samples. Both are composed of a pewter grey cherty dacitic tuff. Alternating light and dark layers carry minor sulphides. One sample with 5% pyrite and a trace chalcopyrite returned values of <1 ppb Au, 0.2 ppm Ag and 154 ppm Cu (BAS94 DR16). Another with minor pyrrhotite, chalcopyrite and pyrite returned 3 ppb Au, 0.2 ppm Ag and 116 ppm Cu (BAS94 DR17). Interestingly enough the latter also shows an elevated value for boron of 220 ppm. A grab of quartz float with some slight carbonate alteration and a trace amount of pyrite returned value of 7 ppb Au, 0.3 ppm Ag, 8 ppm Cu and 2751 ppm Strontium (BAS94 DR15).



ROCK SAMPLE RESULTS

Sample no.	Au ppb	Ag ppm	Mn ppm	Fe %	Cu ppm	Ba ppm	Zn ppm
BAS94 CR: 4	<1	.9	858	4.36	43	43	303
5	8	.1	861	3.21	36	29	66
6	8	.2	763	3.07	43	113	69
7	<1	.1	622	3.60	59	63	53
8	11	.1	522	2.83	25	44	40
9	7	<.1	586	4.21	66	44	56
10	<1	.1	867	4.18	107	24	48
11	7	.1	985	3.99	60	43	69
12	19	.3	588	3.10	65	100	61
13	7	.2	693	3.77	55	78	57
14	9	.3	761	4.26	56	94	78
15	<1	.2	260	4.82	160	101	26
			78				
BAS94 DR: 1	10	<.2	370	.88	23	50	20
2	365	<.2	353	4.74	281	115	17
15	7	.3	1517	1.87	8	69	14
16	<1	.1	207	2.71	154	78	14
17	3	.2	125	2.33	116	57	15

Boscar Lake Sample Map  
 CARIBOO M.D. NTS 93A/2W  
 FIG. 7 Jan 1994 G. Ridley

BASSETT CREEK AREA:  
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In my original proposal I had mentioned the area of the former Cruiser claims. In fact prospecting was done in June of 1994, however grant approval had not yet been received and thus the work has not been included as part of my program. A short summary of the results from this prospecting has been included as a matter of interest.

The area is underlain by Upper Triassic black phyllites of the Quesnel Terrane. Locally the knotted phyllite with ovoid quartz-ankerite porphyroblasts is associated with abundant zones of ankerite-mariposite and is said to occur along with auriferous quartz veins. Over fifty years ago pits and trenches were dug east of Cruiser Lake but no written record of this work has come to light.

Durfeid Geological Management Ltd. had previously conducted a four day soil sampling program on ground covered by the Cruiser and Newgold claims. These have since been allowed to lapse and the ground is open.

Early spring blizzards are not uncommon at the elevation where prospecting was undertaken and this was the case when the following work was done.

A total of six samples were taken and sent for analyses. The majority were from quartz veins found between the 4100' and 5000' elevations. The veins carry pyrite and/or galena, sphalerite and copper and vary in size from several centimeters to just under a meter. General trend of the veins appears to be between 122'/50'SW and 144'/50'SW. Best numbers came from two samples of float. BAS94 DR13 is a grab of an 80 cm wide quartz vein with pods of galena and up to 2% pyrite. It came back with 110 ppb Au, 8.0 ppm Ag, 143 ppm Cu, >10000 ppm Pb and 200 ppm Sn. BAS94 DR11 is another grab of quartz vein with pyrite, chalcopyrite and galena. It had 45 ppb Au, 2.4 ppm Ag, 106 ppm Cu, 5968 ppm Pb and 240 ppm Sn.

Due to early inclement weather and prior work commitments this area was not subjected to further prospecting in 1994.



WELLER CREEK GEOLOGY:  
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The geology of this area is described in Memoir 363. Andesitic arenite, siltstone grit, breccia and tuff with minor argillite and flows; with boulder and cobble conglomerate grit and greywacke making up the basement rocks. (Unit 15)

Porphyritic augite andesite breccia and conglomerate, minor andesitic arenite, tuffs, argillite and flows make up Unit 16.

"Though the dominantly fine-grained rocks of map-unit 15 are texturally very different from the mainly coarse-grained volcanic clastic rocks of map-unit 16, they are strikingly similar in composition, closely related in areal distribution, and probably are generally of the same age. These factors suggest that the rocks of the two map-units are closely related and originated under somewhat similar conditions."

The lack of true flows associated with the volcanic clastic rocks suggests that a rather special condition of volcanism must apply to the origin of these rocks. The original volcanism whether subaerial or submarine, evidently produced fragmental rocks almost exclusively. The masses of coarse fragmental rocks included in map-unit 16 would thus represent the 'root' or source areas and the finer clastics (map-unit 15) would be deposited farther afield. The fragmentation of the lava might have been the result of explosive activity, possibly induced by interaction of lava and water during submarine extrusions. The rarity of fossils and the absence of carbonate reef deposits suggest a completely submarine origin." (Memoir 363)

Mapping clearly shows Jurassic and Triassic rocks are more thoroughly fractured by faulting than early Tertiary rocks which are cut by relatively few widely spaced faults.

One of the strongest lineaments is the northeast trending fault which parallels the 6000 rd. from Eagle Ck. to north of Kellington Lakes and probably into the north west trending Hendrix Creek fault.

It is believed that "block faulting is the main or only deformation that has disrupted the Late Triassic and Early Jurassic rocks (map-units 10, 11, 15 and 16). Nowhere do these rocks give evidence of a widespread, systematic deformation by folding. They consist of numerous distinct blocks apparently with a single con-



CARIBOU LAND DISTRICT  
LILLOOET LAND DISTRICT Mile Post 52

Mile Post 58

QUEENSLAND

HIGHLAND

Succour  
3220±  
Lake

Christina  
Lake

Weller  
Lake

Beartack  
Lake

Boomerang  
Lake

Christopher I.

CANIM LAKE  
TR 5

CANIM LAKE  
TR 5

L 4995

L 2068  
Caribou  
Canim  
Ranch  
Airfield

Caribou Canim Ranch  
Seaplane Anchorage

WEL 94:  
CR 8-11

WEL 94:  
CR 3-7

WEL 94: DR 1

WEL 94: DR 2

WEL 94:  
DR 3 & 4

WEL 94:  
CR 1

# 1

# 2

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# LEGEND & SAMPLE VALUES

CARIBOON D.  
N.T.S. 92P/15

FIGURE 9  
CK

Pleistocene & Recent

28 till, gravel, clay, silt & Alluvium

Tertiary or Quaternary

25 plateau basalts

Cretaceous

203 Raft and Baldy batholiths

Jurassic

16 Porphyritic augite andesite breccia and  
conglomerate

75 Andesitic arenite, siltstone, grit, breccia & tuff

Triassic or Jurassic

74 Thuya & Takomkane batholiths

Triassic

Nicola Group

11 Augite andesite flows and breccia,

10 Black phyllites

~ ~ ~ fault / UNIT BOUNDARY

#1 area of interest (1&2)

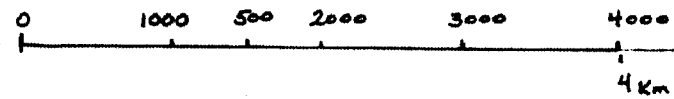
- - - road / trail

π bedding

☞ clear cut

WEL 94: CR 5 Rock SAMPLE #

16 UNIT #



scale 1:50,000

		PPb	ppm	ppm	%	ppm	ppm	ppm	
		WEL 94: CR 1	WEL 94: CR 1	WEL 94: CR 1	WEL 94: CR 1	WEL 94: CR 1	WEL 94: CR 1	WEL 94: CR 1	
		2	.6	181	12.78	40	<2	30	
		3	<1	.2	1080	5.29	67	126	85
		4	<1	.2	741	5.58	89	250	61
		5	7	.4	964	7.54	138	143	82
		6	1	.4	820	7.11	177	93	80
		7	3	.1	656	4.74	63	120	88
		8	<1	<1	897	5.98	123	180	57
		9	<1	<1	1094	5.61	124	208	61
		10	23	.2	1069	6.98	112	109	69
		11	1	.1	1133	6.12	96	96	59
		WEL 94: DR 1	WEL 94: DR 1	WEL 94: DR 1	WEL 94: DR 1	WEL 94: DR 1	WEL 94: DR 1	WEL 94: DR 1	
		2	<1	.1	1692	5.89	65	56	78
		2	15	.6	835	7.83	43	18	78
		3	<1	<1	889	3.58	33	25	69
		4	7	.2	704	3.19	40	23	65

sistent attitude throughout each single block, but completely disoriented with respect to one another. Certainly it is improbable that the Mesozoic rocks were tightly folded prior to block faulting." Memoir 363

WELLER CREEK PROSPECTING:  
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Two different areas were prospected. The first lies east of Kellington Lake and is an area of low relief with many ponds and swamps. Outcrop is scarce. Fresh, angular subcrop rubble is widely scattered and provided material for sampling. Four samples were taken from various sites in the general area. One is a grab of hornfelsed crystal tuff with calcite stringers and 2% pyrite returned values of 15 ppb Au, and 43 ppm Cu (WEL34 DR2). This sample is the best example of gold and copper mineralization found during prospecting.

From four kilometer on the 6000 road south to two kilometer several outcrops of carbonate altered diorites argillites and volcanics were sampled. Varying degrees of brecciation exist along with stockwork calcite and/or quartz veinlets. Slight magnetism was noted for one or two of the samples, pyrite was minor or nonexistent.

A one meter sample was taken of carbonate and limonite altered mafic volcanics adjacent to a small shear zone. It returned values of 23 ppb Au and 112 ppm Cu. The general trend of the rocks is 056°/88° SW with very strong cross-cutting faults at 286°/86°.

CONCLUSIONS  
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- 1) Gold and copper values are generally low NW of Boscar Lake.
- 2) The existance of the anomalous boron values along with the sulphide rich liminated cherty tuff provide and interesting exploration tool in the search for VMS deposits.

- 3) Trend of the rocks found around Boscar Lake is very similar to the Timberline trends.
- 4) Mineralization found to date in the Weller Creek area is uneconomic.

RECOMMENDATIONS  
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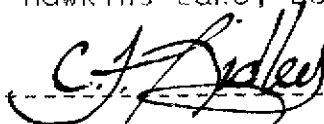
- 1) The source and any continuation of the boron anomalies and the cherty layered tuff is a prime target for continued prospecting.
- 2) A small program of contour soils might be considered for the north side of Boscar Lake.
- 3) A large scale prospecting program between Boscar Lake and the southern boundary of the Timberline claim would be in order.

STATEMENT OF QUALIFICATIONS  
-----

I, Catherine Judith Anne Ridley, of General Delivery, Eagle Creek, BC V0K 1L0, do hereby certify:

- 1) That I completed the "Mineral Exploration for Prospectors" course held by the BC Ministry of Mines at Mesachie Lake, BC in 1989.
- 2) That I completed the short course entitled "Petrology for Prospectors" held in Smithers, BC and hosted by the Smithers Exploration Group, in 1994.
- 3) That I have prospected independently since 1985 and have been employed as a prospector by various exploration companies in BC and the Yukon since 1985.
- 4) That I conducted the work set out in this report.
- 5) That I currently own an interest in the subject property.

Dated at Hawkins Lake, BC Dec. 15th, 1994



-----  
Catherine J. Ridley

(19)

STATEMENT OF QUALIFICATIONS  
-----

I, David Wayne Ridley, of General Delivery, Eagle Creek, BC,  
VOK 1LO, do hereby certify:

- 1) That I completed the "Mineral Exploration for Prospectors" course, held by the BC Ministry of Mines at Mesachie Lake, BC, in 1984.
- 2) That I completed the short course entitled "Petrology for Prospectors" held in Smithers BC and hosted by the Smithers Exploration Group, in 1990 and 1994.
- 3) That I have prospected independently since 1982 and have been employed as a prospector by various exploration companies in BC, Alaska, and Yukon Territory since 1984.
- 4) That I conducted the work set out in this report.
- N/A* 5) That I currently own an interest in the subject property.

Dated at Hawkins Lake, BC, Dec. 3, 1994.



-----  
Dave Ridley

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APPENDIX "A"

# ROCK SAMPLE SHEET

Sampler D. Ridley

Date 1994

Property Timberline

NTS 93A7W+2W

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		ppb Au	ppm Cu			
TIM 94 DR1	30 cm	altered volcanic qtz vein	qtz-chl-sericite ankerite	1-3% py trace cpy	wallrx are altered volc. bx fragments: strong fractures @ 108/70N also N-S fractures flat-lying breaking up qtz. body.	181	1065			
TIM 94 DR2	1.6 m	qtz vein	minor siderite veinlets	minor to trace py-cpy.	South wall of shaft near bottom: (ie 5m below surface).	236	658			
TIM 94 DR3	90 cm	"	siderite? stringers	trace py-cpy	vein appears to trend 112/80S: (E edge of sample).	914	303			
TIM 94 DR4	65 cm	altered volcanic qtz vein	chl-carb (ankerite-siderite-sericite).	py to 3% tr cpy.	(cont to N from DR3): pyrite commonly as euhedral cubes; trends 094/75S. (hanging wall??)	573	93			
TIM 94 DR5	30 cm	shear zone	ankerite qtz veining.	minor py tr. cpy.	SE wall of shaft = 3m below surface. shear trends 030/90: may cut off vein extension??	16	33			
TIM 94 DR6	1.0 m	"	ep-chl-qtz-carb	3-4% disem. py tr. cpy.	above shaft to N. small pit on top of plateau. trends 360/60E: cut by joint set @ 084/90	<1	62			
TIM 94 DR7	55 cm	"	chlorite ankerite quartz	py to 2%	above shaft west side on trail: shear trends 172/85W: abundant qtz stringers.	9	123			
TIM 94 DR8	40 cm	qtz vein	carbonate sericite?	trace pyrite	beside + to East of DR 7: appears to be 2 separate qtz veins (3 20cm each) separated by 2cm section of highly chlorite-carbonate altered volcanic trending 025/90	41	91			
TIM 94 DR9	Grab	shear zone?	chlorite	up to 12% pyrite	grab from = 20cm wide shear: trench West wall of trench East of + below shaft:	12	167			
TIM 94 DR10	30 cm	altered diorite?	silica chlorite biotite?	1% pyrite	trench below + WSW of shaft: highly siliceous: white weathering: zone highly contorted (folded??) joint set @ 078/80S + 082/80N: slight 25cm offset to West of zone along joint plane.	9	157			
TIM 94 DR11	100 cm	shear zone	chlorite qtz-carb stringers	up to 1% pyrite	cont to West from DR10: 360/82W:	17	79			
TIM 94 DR12	40 cm	SHEAR ZONE	chlorite qtz-carb stringers	up to 2% pyrite	cont W from DR11: 013°/70°E	9	88			
TIM 94 DR13	90 cm	"	chlorite qtz-carb stringers	up to 2% Py	W from DR12 (cont'd) - SAME ATTITUDE AS DR12	5	56			
TIM 94 DR14	GRAB	qtz. vein			- 35cm. wide QTZ. VEIN: 360°/70°E - W/IN MAIN SHEAR OUTLINED BY DR10-12 - ABOVE DR13 = 2.0m	9	5			
TIM 94 DR15	110 cm.	shear zone	qtz-carb veinlets	up to 5% Py	- 180°/75°E - Feldspars: apple green - ADJ. BUT E. of CR6 TR5	9	66			

C-CHIP G-GRAB F-FLOAT

# ROCK SAMPLE SHEET

Sampler D. RIDLEY  
 Date 1994

Property TIMBERLINE

NTS 93A/7W12W

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		An	Cu			
Tim 94 DR16	80 cm	FAULT ZONE	QTE/CARB veinlets	up to 5% Py	cont'd E from DR15 - siderite highly sheared - w/ cobbles + veins <span style="float: right;">TRMS</span>	8	65			
Tim 94 DR17	1m.	ANDESITE	CHLORITE QTE. VEINLETS	up to 3% Py	W end of DR15+16 trench 5 @ DR9 - 360°/700E - 1 qtz. vein 30cm. wide	<1	32			
Tim 94 DR18	grab	DIORITE	PROPYLITIC	1-3% Py Trace malachite	- cut by qtz/carb stringers - @ outlet N. side of McKee LK.	12	113			
Tim 94 DR19	grab	YOLC. breccia	intense chlorite	trace Py	± 150m - 200 E of DR18 - probable subcrop	720	107			
Tim 94 DR20	grab	ANDESITE TAFF		3-5% Py	- S. side between outlet + road - subcrop rubble trends 336°/80°W	7	29			

C-CHIP G-GRAB F-FLOAT

# ROCK SAMPLE SHEET

Sampler C.J. RIDLEY  
Date 1994

Property TIMBERLINE

NTS 93A/7W#2W

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS			
		Rock Type	Alteration	Mineralization		ppb Au	ppm Cu		
REFIX → TIM 94 CR1	GRAB	DIORITE	CHLORITE LIMONITE	2% PYRITE	- 20 m. WEST OF SHAFT - WELL-FOLIATED: RUSTY WEATHERED	19	132		
CR2	1m.	Qtz vein ? VOLCANIC	PROPYLITIC CARBONATE	SCARCE PYRITE	- 30cm. QTZ. VEIN: WLLRX ON EITHER SIDE - TRENDS OF FOLIATED WLLRX 0120 - URIN: 008°/90° - MILDLY SERICITIC	18	111		
CR3	40cm.	Qtz VEIN	CARBONATE PROPYLITIC	SPOTTY PY IN VEIN & WLLRX	- 30cm. QTZ. VEIN: BR WLLRX frags in vein - adj. CR TO THE W. - SERICITE: SOME SIDERITE?	584	99		
CR4	2mx3m grab OC	? VOLCANIC	PROPYLITIC EPIDOTE	RARE PY + CPY	- E + beside shaft: OC: 126°/86° - QTZ. STRINGERS: RANDOM ATTITUDES - CUT BY STEEPLY DIPPING E/W JOINT SET	5	82		
CR5	GRAB	? VOLCANIC	CHLORITE CARBONATE SILICA	< 2% PYRITE	- DEEP TR. OF SHAFT & 10' BELOW SURFACE - BOUNDER SHATTERED LOOSE FROM OC: ± 20cm WIDTH - HIGH GRADE GRAB / ? RED MINERAL? HEMATITE in mm wide VEIN	6	34		
CR6	1.35m CHIP	VOLCANIC	CARBONATE SIDERITE	< 2% PYRITE RARE CPY	- SHEAR ZONE - MAIN FRACTURE: 276°/34° - PERIPHERAL QTZ. STRINGERS - OC: 164°/62° - ? HEMATITE VEIN (mm) - ADJ TO E OF CR5	10	56		
CR7	60cm. CHIP	VOLCANIC	CARBONATE CHLORITE	COBBLES CARRY < 5% PY: SHEAR CARRIES < 2%	- N. WALL OF TR. DIRECTLY ACROSS FROM CR6 - SHEAR: 358°/90° - ADJ. QTZ. VEIN TO W. - SILICIFIED COBBLES ± 5cm WIDTH WE W/IN SHEAR - SPOTTY CPY	10	62		
CR8	1.10m	QTZ VEIN	SLIGHT CARBONATE	—	- VEIN ADJ. TO BUT W OF CR7 - 019°/078° E	21	11		
CR9	GRAB	ALT. VOLCANIC	SILICA CARBONATE CHLORITE	< 10% PY? CPY ? ARSENO	- ± COBBLE WITH 28cm. - COBBLE PART OF SHEAR ZONE ADJ. BUT E OF CR7 - HIGHLY SILICEOUS	9	73		
CR10	FLOAT GRAB	DIORITE	CHLORITE EPIDOTE SILICA	VERY MINOR SULPHIDES	- TAKEN IN PLACE OF SOIL SAMPLE: RANDOM CHIPS FROM RX IN 1m. RADIUS OF LOT00: 0130W; FLOAT	21	82		
CR11	OC GRAB	DIORITE	CHLORITE SILICA EPIDOTE	—	- TAKEN @ LOT00: 0140W: IN PLACE OF SOIL	9	64		
CR12	OC GRAB	DIORITE	CHLORITE EPIDOTE SILICA	MINOR DISSSEM. PY	- COMPOSITE GRAB OF CHIPS FROM OC ON KNELL WEST OF SHAFT - JOINTING: 268°/90°	1	56		

C-CHIP G-GRAB F-FLOAT

# ROCK SAMPLE SHEET

Sampler C. J. RIDLEY  
 Date 1994

Property BASSETT CREEK S.

NTS 93A/2W

SAMPLE NO.	Sample 1/2 width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		ppb Au	ppm Ag	ppm Cu	Pb	Sn
BAS 94 CR1	grab	Qtz. vein	Tourmaline calcite	2% Py ? trace CPY	-4135' elev. in cleft adj. to but W of Bassett CK: old Cruiser claims -? chl. schist wall r.k.: trend 124°	10	.8	127	126	220
CR2	grab	Qtz vein chl. schist	carb.	1-2% Py sporadic CPY	4692' elev. on S. side of main rd. in above cleft on bearing 220° ± 200 m. S. of 'S' bend. 1-2 cm. wide vein: 138°/82° S.E.	5	<2	53	80	89
CR3	float	Qtz.		Spotty Gaj Py; CPY	50m. NE of CR2: S. side of rd. .5m wide ang. bldr.	5	2.6	31	350 <sup>8</sup>	220
CR4	float GRAB	BRECCIA	CALCITE LIMONITE	> 40% SULPH'S	- 1m. wide ANG. SUBCROP BLDG. Bossar LK N - SHEARED, FOLIATED - CALCITE STRINGERS * 303 ppm Zn	<1	.9	43		
CR5	GRAB FLOAT	TUFF?	SILICA CHLORITE CALCITE	2% Py	- 40cm. GRAB OF .6m BLDG. ANG. SUBCROP - VERY SILICEOUS - QTZ/CALCITE STRINGERS/VUGGY	8	.1	36		
CR6	float GRAB	ARGILLITE	CHLORITE CARBONATE SERICITE	MINOR Py	- VUGGY QTZ. - LIMONITE STAINED	8	.2	43		
CR7	50cm	DIORITE?	CHLORITE EPIDOTE	MINOR Py	- WLRK inc. 6cm. wide QTZ. URIN 5' 072°/76°N - minor carbonate	<1	.1	59		
CR8	60cm	DIORITE			- 20cm. wide QTZ. URIN: 062°/90°: CONTAINS MINOR CARB - FOLIATION: 170°/75° W	11	.1	25		
CR9	GRAB	DIORITE	CHLORITE EPIDOTE SILICA	MINOR Py TRACE CPY	- ANGULAR: FRESH SUBCROP - SLIGHT FOLIATION	7	<.1	66		
CR10	GRAB	? DIORITE	CHLORITE EPIDOTE SILICA	MINOR Py TRACE CPY	- ANG. SUBCROP FLOAT BLDG 1M X 1.5m	<1	.1	107		
CR11	GRAB	Rhyo-DACITE	MINOR CARBONATE	Py, Po TRACE CPY	- SUBCROP FLOAT - QTZ. STRUNK URINKETS	7	.1	60		
CR12	GRAB	? BRECCIA	CHLORITE LIMONITE	MINOR Py + Po	- black argillic, elongated clasts - FOLIATED	19	.3	65		
CR13	.5m	QTZ vein		MINOR Py	- 5cm. wide URIN: 122°/60° SW WLRK-VOL. SED. - QTZ STRINGERS: 072°/90° - BC 136°/84° SW	7	.2	55		
CR14	60cm	SHEAR ZONE	CARBONATE LIMONITE	1% Py	- INC. 2, 3cm. wide QTZ/CARB URIN - SHEAR TREND 70° W/ WESTERLY DIP	9	.3	56		
CR15	GRAB	? GABBRO	SILICA	2% Py + Po	- ANG. SUBCROP - Pcs OF QUARTZ SUBCROP LIE ADJACENT BUT SE OF SAMPLE	<1	.2	160		

C-CHIP G-GRAB F-FLOAT

# ROCK SAMPLE SHEET

Sampler D. Ridley  
 Date May-June/94

Property Basset Creek

NTS 93A/2

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Sn
BAS 94 DR1	20cm	qtz vein	carbonate sericite	trace + rare pyrite	on road above Bascar Lake; veins trend 045/60W: cut by fault @ 310/805 NB Barren ① Tin 140 ppm 810 ppm	10	<.2	23		
BAS 94 DR2	50cm	altered andesite?	chlorite sericite limonite	pyrite to 1%	wallrock to DR1 veins; well altered; fairly gossanous; not well exposed but definite outcrop.	365	<.2	281		
BAS 94 DR3	F <del>30cm</del>	sheared greenstone	chlorite	minor py-cpy malachite	15m E of Basset Cr. bridge + road forks; possible subcrop:	10	<.2	1175		
BAS 94 DR4	10cm	shear zone	"	" "	± 10 m E of DR3: pyritic shears trend 066/85N in altered diorite: (hornblende porphyritic) several similar shears occur for ± 15m along road.	50	<.2	388		
BAS 94 DR5	40cm	"	chlorite qtz veinlets	" "	± 75 m E of road forks: wallrx are finer-grained than @ DR4: cut by later white qtz veinlets: shear trends 005/40E: qtz trends 340/50E	10	<.2	335		
BAS 94 DR6	1m	"	" "	" "	± 300 m E of road forks: in f-grained mafic volcanic; shear trends 340/60E.	15	<.2	38		
BAS 94 DR7	3m	"	" "	pyrite only.	± 100 m E of DR6: several narrow pyritic shears 20-50cm wide; trends 350/75E.	5	<.2	248		
BAS 94 DR8	F	massive pyrite	—	massive pyrite with 2-3% cpy.	± 40 m E of DR7: float along road: ± 40 cm in diameter; angular; search up slope failed to locate source. 5118 ppm Zn	380	11.4	1.09 %		
BAS 94 DR9	F	qtz vein	limonite	up to 1% py-cpy	grab from shaft dump @ Timberline property ① NB 240 ppm Tin	125	1.2	2763		
BAS 94 DR10	50cm	shear zone	chlorite limonite	up to 3% py. trace cpy + malachite	beside trail @ McKee Lake just North of small westerly flowing creek! zone trends 345/40E similar to shears found along main road.	80	.8	884		
BAS 94 DR11	F	qtz vein	carb	Py-cpy-gal	- old Cruiser claim ctr. cut - 4900' elev. - trend 1240/90°	45	2.4	106	576	240
BAS 94 DR12	F	qtz vein		gal + py-sph	- 100 m. W of DR11 4955' elev. - minor cpy + Po - OC in rd. 1440/50° SW	10	10.6	36	70000-710000	200
BAS 94 DR13	grab	qtz vein	limonite	Pods of gal + py 1%	- above 2nd switch back 4840' elev ± 80cm width trend 122°/50° SW	110	8.0	143		200
BAS 94 DR15	F	qtz vein	carb	Trace Py	Bascar Lake area WNW of lake 3440' elev. - argillite bx frags - carbonaceous 'ribbon' structure * 2751 ppm Sr	7	.3	8		
BAS 94 DR16	F	dacitic tuff		5% Po trace cpy	- 40m E of CR6 - minor chert layers	<1	.1	154		
BAS 94 DR17	F	cherty dacitic		Po CR	50m E of DR16 * 220 ppm B 02 15 & 10 m. W	3	.2	116		

TL

TL

CRUISER

# ROCK SAMPLE SHEET

Sampler CJ RIDLEY  
 Date OCT/94

Property WELLER CK. AREA

NTS 92P/15

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		ppb Au	ppm Cu			
WEL 94 CR1	grab	argillite	calcite limonite	minor Pyrite	- end of rd. last circuit overlooking Hoover Bay - in contact w/ 1ST oc	2	40			
CR 3	grab	diorite	carbonate	magnetite minor Py	- 6004 Km. mine Rd: carb oc N side of rd. - NE end of oc	<1	67			
CR 4	grab	"	carb	magnetite Py	- 15m SW of CR3 - mm wide calcite veins - slight brecciation - 5m W of CR4	<1	89			
CR 5	grab	Breccia	carb			7	188			
CR 6	1.25m	"	limonite calcite	Py → 1%	- 7m W of CR5 - strike/dip of oc: 056°/88°SE	1	177			
CR 7	.5m	Diorite	carb limonite		- W of CR6 calcite veining - 060°/70°N	3	63			
CR 8	1m	mafic volc.	limonite carb		- 6002 Km on mine rd. N. side - 008°/90° main frac; 216°/90° - calcite veins	<1	123			
CR 9	1m.	mafic volc.	"		15m SW of 8 - slight foliation to E - calcite veining	<1	124			
CR 10	1m.	"	"		20m SW of 9 - main frac. 286°/86°		112			
CR 11	1m.	shear zone	"		- 25m SW of CR 10 - 294°/78°NE - 5-15cm width of zone.		96			
WEL 94 DR1	grab	crystal tuff	calcite stringers	2% Py	northrn most circuit beside rd & E. of lake - slight hornfelsing		65			
DR2	"	"	"	Py	- 50m S. on rd. - 1/2cm wide massive Py vein - fac. Ang. bldg		43			
DR3	grab	breccia	calcite	Py	60m S on rd. - minor qtz. stringers	<1	33			
DR4	grab	argillite breccia	Qtz. carb		- 100m S. of DR3 - vuggy qtz.	7	40			

C-CHIP G-GRAB F-FLOAT

APPENDIX "B"



ECO-TECH LABORATORIES LTD.  
 10041 EAST TRANS CANADA HWY.  
 KAMLOOPS, B.C. V2C 2J3  
 PHONE - 604-573-5700  
 FAX - 604-573-4557

PIONEER METALS CORPORATION ETK 94-226  
 #1770, 401 WEST GEORGIA STREET  
 VANCOUVER, B.C.  
 V6B 5A7

MAY 6, 1994

ATTENTION: DAVID DUNN

15 ROCK SAMPLES RECEIVED MAY 2, 1994  
 PROJECT: CANIM LAKE

VALUES IN PPM UNLESS OTHERWISE REPORTED

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- Bas 94 : DR 1	10	<.2	.74	10	810	50	<5	3.47	<1	11	183	23	.88	.04	<10	.26	370	11	.03	15	670	<2	<5	140	202	.12	<10	27	<10	9	20
2	- Bas 94 : DR 2	365	<.2	.71	<5	80	115	<5	1.95	<1	31	121	281	4.74	.14	<10	.31	353	18	.03	65	1860	<2	10	<20	140	.19	<10	66	<10	17	17
3	- Bas 94 : DR 3	10	<.2	1.85	35	10	120	<5	1.06	<1	44	111	1175	4.63	.25	<10	1.39	461	1	.04	53	910	<2	20	<20	93	.23	<10	71	<10	14	27
4	- Bas 94 : DR 4	50	<.2	2.02	<5	8	90	<5	.95	<1	35	76	388	5.28	.33	<10	1.33	461	3	.02	23	1320	<2	15	<20	118	.22	<10	55	<10	13	23
5	- Bas 94 : DR 5	10	<.2	1.43	<5	12	115	<5	1.24	<1	19	148	335	3.46	.31	<10	.76	366	10	.06	9	780	<2	10	20	105	.12	<10	49	<10	10	25
6	- Bas 94 : DR 6	15	<.2	2.36	<5	6	80	15	.69	<1	30	111	38	7.17	.16	<10	1.81	839	5	.01	17	940	<2	15	<20	72	.07	<10	54	<10	5	80
7	- Bas 94 : DR 7	5	<.2	2.17	<5	12	95	<5	.99	<1	35	75	248	6.00	.24	<10	1.63	510	5	.03	20	1660	<2	20	<20	96	.28	<10	91	<10	17	26
8	- Bas 94 : DR 8	380	11.4	3.30	75	8	90	<5	.24	<1	238	120	>10000	> 15	.03	<10	2.37	1278	2	<.01	65	180	<2	40	<20	31	.16	30	105	<10	2	118
9	- Bas 94 : DR 9	125	1.2	.98	<5	8	20	<5	1.13	<1	18	354	2763	3.42	.05	<10	.73	390	23	.03	27	340	<2	10	240	41	<.01	<10	33	20	<1	26
10	- Bas 94 : DR 10	80	.8	2.20	<5	12	115	<5	1.01	<1	46	210	884	8.68	.15	<10	1.70	597	4	.03	37	1260	<2	20	<20	165	.34	<10	96	<10	18	50

1-Jul-94

ECO-TECH LABORATORIES LTD.  
10041 East Trans Canada Highway  
KAMLOOPS, B.C.  
V2C 2J3

Phone: 604-573-5700  
Fax : 604-573-4557

PIONEER METALS CORPORATION ETK 94-352  
1770-401 W. Georgia Street  
VANCOUVER, B.C.  
V6B 5A1

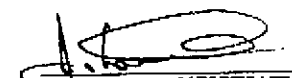
ATTENTION: David Dunn

17 ROCK samples received June 21, 1994  
PROJECT # CANIM LAKE

Values in ppm unless otherwise reported

El #	Tag #	Au (ppb)	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
12	BAS 94 DR11	45	2.4	0.03	<5	18	36	<5	0.06	1	2	256	108	2.08	<0.1	<10	<0.1	67	320	<0.1	5	30	5868	<5	240	17	<0.1	<10	<1	<10	<1	7
13	BAS 94 DR12	10	10.6	0.09	<5	<2	135	<5	0.29	2	2	208	35	1.03	<0.1	<10	0.02	61	68	0.01	8	1070	>10000	<5	200	97	<0.1	<10	2	<10	5	8
14	BAS 94 DR13	110	8.0	0.02	10	20	50	10	0.05	4	2	230	143	1.88	0.03	<10	<0.1	36	796	<0.1	4	330	>10000	<5	200	11	<0.1	<10	<1	<10	<1	7
15	BAS 94 CR1	10	0.8	0.79	<5	12	55	<5	0.04	<1	14	132	1217	6.83	0.02	<10	0.68	372	10	0.04	12	<10	126	<5	<20	12	<0.1	<10	19	<10	<1	35
16	BAS 94 CR2	5	<2	1.07	<5	8	26	<5	0.91	<1	28	111	573	1.84	<0.1	<10	0.93	631	9	0.02	13	250	80	<5	80	4	0.11	<10	37	<10	6	15
17	BAS 94 CR3	5	2.6	0.09	10	46	55	10	0.05	<1	3	243	31	1.57	<0.1	<10	0.02	160	980	<0.1	10	120	3568	<5	220	25	<0.1	<10	<1	<10	<1	7
<b>QC DATA:</b>																																
<i>Repeat #:</i>																																
15	BAS 94 CR1		0.6	0.80	<5	12	50	<5	0.04	<1	14	132	1220	6.86	<0.1	<10	0.68	372	9	0.04	13	<10	112	<5	<20	8	<0.1	<10	19	<10	<1	38
<i>Standard 1991:</i>																																
			1.0	1.84	65	12	160	<5	1.80	2	19	64	88	3.92	0.35	<10	0.91	688	<1	0.02	25	680	22	10	<20	60	0.10	<10	76	<10	9	71

XLS/pioneer

  
ECO-TECH LABORATORIES LTD.  
Frank J. Pezzotti, A.Sc.T.  
B.C. Certified Assayer

07/05/94

16:25

0601 573 4557

ECO-TECH R.M.

02-002

## GEOCHEMICAL ANALYSIS CERTIFICATE

C.J. Ridley File # 94-3942 Page 1

General Delivery, Eagle Creek, BC V0K 1L0

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
BAS-94-CR-4	6	43	11	303	.9	32	8	858	4.36	<2	<5	<2	<2	92	2.4	<2	<2	87	5.86	.083	3	14	.54	43	.15	3	1.21	.02	.07	5	<1
BAS-94-CR-5	2	36	8	66	.1	9	8	861	3.21	<2	<5	<2	<2	33	.5	<2	<2	50	1.95	.057	<2	6	1.76	29	.15	3	1.93	.03	.05	<1	8
BAS-94-CR-6	2	43	9	69	.2	13	10	763	3.07	10	<5	<2	<2	270	<2	<2	<2	40	3.60	.055	8	13	.83	113	<.01	3	1.35	.02	.19	<1	8
BAS-94-CR-7	1	59	<2	53	.1	17	12	622	3.60	<2	<5	<2	<2	104	.4	<2	<2	83	6.72	.058	2	20	1.54	63	.17	5	2.31	.02	.14	<1	<1
BAS-94-CR-8	3	25	3	40	.1	17	11	522	2.83	7	<5	<2	<2	78	.5	<2	<2	74	4.84	.048	<2	26	1.36	44	.18	5	1.86	.02	.07	1	11
BAS-94-CR-9	1	66	2	56	<.1	60	26	586	4.21	<2	<5	<2	<2	24	.2	<2	<2	135	1.59	.047	<2	131	2.99	44	.18	<2	2.29	.05	.12	<1	7
BAS-94-CR-10	1	107	<2	48	.1	27	24	867	4.18	2	<5	<2	<2	46	.6	<2	<2	77	5.16	.036	<2	24	2.36	24	.23	<2	2.36	.02	.03	1	<1
BAS-94-CR-11	4	60	5	69	.1	13	14	985	3.99	19	<5	<2	<2	67	.3	2	<2	57	1.17	.053	3	14	1.82	43	.17	3	2.15	.02	.06	<1	7
BAS-94-CR-12	1	65	4	61	.3	16	12	588	3.10	8	<5	<2	<2	71	.4	<2	<2	82	2.19	.102	3	19	1.11	100	.18	4	2.20	.03	.18	<1	19
BAS-94-CR-13	2	55	8	57	.2	14	12	693	3.77	11	<5	<2	<2	128	.5	2	<2	59	2.99	.073	2	15	1.37	78	.23	8	1.74	.02	.19	2	7
BAS-94-CR-14	6	56	5	78	.3	21	13	761	4.26	6	<5	<2	3	309	1.1	<2	<2	72	6.53	.098	16	14	1.53	94	.01	4	1.73	.02	.20	<1	9
BAS-94-CR-15	2	160	<2	26	.2	59	21	260	4.82	<2	<5	<2	<2	56	<.2	<2	<2	68	1.64	.173	4	50	.56	101	.16	7	1.34	.03	.28	<1	<1
BAS-94-DR-15	1	8	8	14	.3	6	3	1517	1.87	2	<5	<2	3	2751	.7	2	<2	9	34.70	.016	9	3	.35	69	.01	<2	.36	<.01	.05	<1	7
BAS-94-DR-16	2	154	5	14	.1	32	17	207	2.71	2	<5	<2	2	83	.2	<2	<2	71	2.82	.137	10	19	.27	78	.15	81	1.20	.03	.05	2	<1
BAS-94-DR-17	4	116	9	15	.2	88	22	125	2.33	3	<5	<2	2	34	.2	2	<2	41	1.60	.116	6	42	.25	57	.15	220	.83	.02	.04	1	3
TIM-94-CR-1	4	132	<2	26	.3	12	11	343	5.80	<2	<5	<2	2	88	.4	<2	<2	83	.83	.139	<2	2	1.56	48	.28	4	1.42	.02	.19	1	19
TIM-94-CR-2	2	111	4	47	<.1	76	25	968	5.06	2	<5	<2	<2	35	.2	<2	2	74	.98	.066	3	99	2.84	32	.01	<2	2.23	.01	.10	<1	18
RE TIM-94-CR-2	2	115	4	48	<.1	78	25	978	5.10	<2	<5	<2	<2	35	.2	<2	<2	74	.98	.067	3	102	2.90	32	.01	2	2.27	.01	.10	<1	6
TIM-94-CR-3	4	99	<2	31	.1	55	28	710	5.93	<2	<5	<2	<2	45	<.2	<2	2	35	1.25	.042	<2	30	.97	46	.01	4	1.02	.01	.21	<1	584
TIM-94-CR-4	1	82	3	58	.1	128	39	1038	5.42	<2	<5	<2	2	99	.7	<2	<2	84	2.69	.059	<2	143	5.49	49	.10	<2	3.89	.01	.11	<1	5
TIM-94-CR-5	<1	34	<2	40	.1	63	28	887	5.88	<2	<5	<2	<2	81	.5	<2	<2	92	5.20	.050	<2	42	3.03	30	<.01	5	1.17	.01	.18	<1	6
TIM-94-CR-6	<1	56	<2	39	<.1	64	27	1033	5.59	<2	<5	<2	<2	65	.6	<2	2	98	5.99	.033	3	43	3.47	20	<.01	3	.66	.01	.11	1	10
TIM-94-CR-7	1	62	2	57	<.1	77	34	1076	6.12	<2	5	<2	2	57	.6	<2	2	70	4.36	.066	5	73	4.33	34	.01	<2	2.60	.01	.15	<1	10
TIM-94-CR-8	1	11	6	32	<.1	22	4	393	2.01	<2	<5	<2	<2	3	<.2	<2	<2	32	.12	.005	<2	11	1.51	7	<.01	4	1.20	<.01	.02	1	<1
TIM-94-CR-9	<1	73	4	31	<.1	65	27	1171	6.32	<2	<5	<2	3	118	.6	<2	3	59	11.57	.032	5	40	2.03	27	.01	<2	1.25	.01	.13	<1	9
TIM-94-CR-10	1	82	3	30	.1	45	22	520	3.60	2	<5	<2	<2	75	.4	<2	<2	72	1.27	.085	<2	80	2.27	54	.19	3	1.94	.02	.17	<1	<1
TIM-94-CR-11	1	64	<2	36	.1	58	26	586	4.49	<2	<5	<2	<2	73	.5	<2	<2	87	.80	.094	<2	99	2.69	88	.19	3	2.25	.02	.18	<1	9
TIM-94-CR-12	2	56	6	34	.1	47	21	571	4.82	<2	<5	<2	<2	85	.3	<2	<2	107	.75	.052	<2	86	2.19	37	.23	<2	1.94	.02	.11	<1	1
TIM-94-DR-1	3	1065	4	17	.6	21	13	318	2.37	<2	<5	<2	<2	47	<.2	2	3	15	1.18	.019	<2	15	.47	10	<.01	2	.42	.01	.05	1	181
TIM-94-DR-2	2	658	2	39	.3	52	24	597	4.90	<2	<5	<2	<2	54	.4	<2	4	51	2.66	.058	<2	46	1.81	24	<.01	3	1.22	.01	.13	<1	236
TIM-94-DR-3	3	303	2	8	.1	14	5	201	1.38	3	<5	<2	<2	31	<.2	2	2	8	.98	.004	<2	13	.18	8	<.01	3	.18	.01	.03	2	914
TIM-94-DR-4	6	93	<2	32	<.1	48	35	984	5.61	<2	<5	<2	2	329	.7	<2	2	34	5.78	.085	3	23	3.26	37	<.01	<2	1.32	.02	.23	<1	513
TIM-94-DR-5	2	33	2	27	<.1	28	11	726	3.40	<2	<5	<2	<2	126	.2	<2	2	31	4.03	.071	4	21	1.47	35	<.01	4	1.02	.02	.13	<1	16
TIM-94-DR-6	1	62	4	56	.2	49	22	710	4.21	<2	<5	<2	<2	63	.6	<2	<2	60	1.11	.057	<2	69	2.39	71	.33	2	2.17	.02	.18	<1	<1
TIM-94-DR-7	1	123	2	50	.1	71	27	1349	5.32	3	<5	<2	4	190	.8	<2	3	46	9.65	.068	5	61	3.33	57	<.01	2	2.08	.01	.19	<1	9
STANDARD C/AU-R	19	62	38	122	7.0	70	32	1033	3.96	41	25	7	37	54	18.7	14	19	61	.49	.091	39	55	.91	183	.08	34	1.88	.07	.15	12	462

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS &gt; 1%, AG &gt; 30 PPM &amp; AU &gt; 1000 PPB

- SAMPLE TYPE: P1 TO P2 ROCK P3 SOIL AU\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 1 1994 DATE REPORT MAILED: Nov 10/94 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



NONE ANALYTICAL



NONE ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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 %	V Au** ppm	ppb
TIM-94-DR-8	2	91	3	15	.2	25	12	218	2.30	3	<5	<2	<2	19	<.2	<2	<2	22	.86	.028	<2	26	.38	43	<.01	3	.62	<.01	.14	1	41
TIM-94-DR-9	6	167	<2	35	.3	111	91	625	9.33	<2	<5	<2	2	13	<.2	<2	<2	55	.31	.132	<2	118	2.58	34	.06	<2	1.96	.03	.13	<1	12
TIM-94-DR-10	3	157	3	9	.1	13	22	289	1.77	3	<5	<2	<2	26	<.2	<2	<2	18	.76	.014	8	21	.39	40	<.01	4	.65	.04	.13	1	9
TIM-94-DR-11	2	79	<2	70	<.1	144	29	1068	4.38	<2	<5	<2	<2	44	<.2	<2	<2	45	1.83	.042	4	111	3.50	69	.01	<2	2.52	.02	.14	<1	17
TIM-94-DR-12	3	88	<2	45	.2	111	26	1410	5.10	<2	<5	<2	2	173	<.2	<2	<2	39	7.29	.066	7	75	3.82	47	<.01	<2	1.72	.01	.15	<1	9
TIM-94-DR-13	2	56	<2	26	.1	58	19	1040	3.66	<2	<5	<2	<2	144	<.2	<2	<2	23	6.05	.038	3	29	2.27	51	<.01	2	1.03	.01	.14	<1	5
RE TIM-94-DR-13	2	56	2	26	.1	60	19	1055	3.73	<2	<5	<2	<2	146	.2	<2	<2	24	6.20	.040	3	30	2.34	52	<.01	<2	1.06	.01	.15	<1	1
TIM-94-DR-14	3	5	3	4	<.1	11	2	573	.54	2	<5	<2	<2	310	<.2	<2	<2	2	7.77	.003	2	9	.11	16	<.01	2	.08	<.01	.02	3	9
TIM-94-DR-15	3	66	2	51	.2	112	28	1006	5.84	2	<5	<2	<2	37	<.2	<2	<2	95	3.49	.058	7	89	2.08	104	.02	2	1.34	.01	.18	1	9
TIM-94-DR-16	1	65	5	63	.2	158	34	1082	6.15	<2	<5	<2	2	45	<.2	<2	<2	111	2.62	.041	8	133	2.63	48	.02	<2	1.13	.01	.15	<1	8
TIM-94-DR-17	2	32	2	34	<.1	90	29	809	3.73	<2	6	<2	<2	57	<.2	<2	<2	54	1.89	.039	<2	133	3.01	27	.07	<2	2.13	.02	.10	<1	<1
TIM-94-DR-18	2	113	2	13	.2	26	33	229	2.56	2	7	<2	<2	110	<.2	<2	<2	28	.97	.164	7	14	.32	97	.10	4	.66	.01	.30	<1	12
TIM-94-DR-19	1	107	3	4	<.1	8	9	181	1.17	<2	5	<2	7	84	<.2	<2	<2	9	1.11	.032	7	6	.10	265	.06	3	.37	.04	.23	1	720
TIM-94-DR-20	1	29	7	57	.2	16	8	540	5.24	<2	<5	<2	4	35	<.2	<2	<2	46	.62	.172	4	11	1.95	74	.20	<2	1.63	.02	.27	<1	7
STANDARD C/AU-R	21	63	42	137	7.3	75	32	1075	4.09	42	24	8	41	53	16.7	15	19	60	.50	.094	41	62	.91	190	.09	35	1.94	.07	.16	13	469

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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 %	V Au** ppm	ppb
L1N 0+50W	3	105	9	106	.2	53	24	396	4.61	8	<5	<2	2	31	.2	<2	<2	44	.39	.116	8	59	.89	148	.06	<2	1.61	.01	.11	<1	8
L1N 0+40W	1	53	8	95	.2	68	29	1052	4.14	2	<5	<2	<2	28	.2	<2	<2	74	.49	.086	4	91	1.74	144	.08	<2	2.21	.01	.11	<1	<1
L1N 0+30W	1	213	6	88	.2	79	32	608	5.20	5	<5	<2	2	25	.3	2	<2	69	.40	.060	6	82	1.64	165	.08	<2	2.81	.01	.14	<1	25
L1N 0+20W	2	18	11	59	.1	37	8	185	3.24	3	<5	<2	2	17	<.2	2	<2	72	.33	.043	9	76	.83	92	.06	<2	1.99	.01	.10	<1	<1
L1N 0+10W	2	28	9	96	.1	50	11	393	3.77	2	<5	<2	2	18	.2	3	<2	59	.32	.077	10	88	.85	149	.05	<2	2.20	.01	.12	<1	5
L1N 0+00	2	47	7	46	.6	17	8	531	2.75	3	<5	<2	<2	43	.2	2	<2	51	.76	.102	3	36	.42	148	.07	<2	1.12	.01	.08	<1	17
L1N 0+10E	2	18	12	78	.3	39	9	180	2.81	8	<5	<2	4	12	<.2	2	<2	39	.16	.104	12	63	.53	85	.05	<2	1.46	.01	.10	<1	13
L1N 0+20E	2	23	10	90	.4	47	11	190	3.03	7	<5	<2	3	12	<.2	2	<2	42	.16	.112	12	68	.59	103	.05	<2	1.68	.01	.11	<1	9
L1N 0+30E	3	31	7	76	.4	43	9	209	2.79	8	<5	<2	2	14	.2	3	<2	34	.21	.055	15	54	.72	80	.05	<2	1.34	.01	.13	<1	9
L1N 0+40E	1	11	7	40	.5	18	4	90	2.05	4	<5	<2	2	9	<.2	2	<2	42	.13	.054	8	48	.26	57	.09	<2	.94	<.01	.07	1	<1
L1N 0+50E	2	15	7	69	.4	30	8	151	2.78	9	<5	<2	<2	14	<.2	3	<2	56	.20	.066	9	63	.84	67	.08	<2	1.41	.01	.09	<1	9
L0+05N 0+05W	7	480	7	64	.4	86	44	626	8.50	<2	<5	<2	2	19	<.2	2	<2	77	.31	.065	6	90	1.71	113	.01	<2	3.07	.01	.10	<1	22
L0+05N 0+05E	5	371	8	58	.7	98	36	551	9.38	4	<5	<2	2	19	<.2	2	2	49	.27	.084	7	41	.41	104	.02	<2	1.83	.01	.09	<1	2020
L0+00 0+50W	1	28	6	110	.3	49	21	608	3.53	4	<5	<2	<2	42	<.2	2	<2	52	.76	.219	6	69	.90	163	.06	<2	2.13	.01	.12	<1	30
L0+00 0+20W	2	133	5	59	.6	65	34	535	5.36	4	<5	<2	<2	33	.3	<2	<2	98	.50	.046	2	84	2.04	99	.09	<2	2.73	.01	.10	<1	58
L0+00 0+10W	3	450	3	60	.4	130	56	465	9.89	<2	<5	<2	<2	25	.4	<2	<2	66	.55	.048	10	77	2.26	82	<.01	<2	2.83	.01	.11	<1	38
L0+00 0+00	8	646	12	46	.6	45	27	1205	5.57	3	<5	<2	<2	59	.2	2	2	36	2.52	.060	4	26	.55	56	.02	<2	.67	.01	.07	<1	2324
L0+00 0+05E	16	419	<2	70	.5	105	89	1861	12.05	5	9	<2	6	30	<.2	<2	<2	76	.96	.075	16	91	1.08	85	.04	<2	1.83	.01	.14	<1	54
L0+00 0+10E	3	78	8	90	.4	73	19	576	4.60	5	<5	<2	6	18	.3	2	<2	56	.34	.037	21	76	1.45	103	.08	<2	2.08	.01	.25	<1	14
L0+00 0+15E	3	142	4	97	.5	132	36	1081	7.11	4	<5	<2	6	24	.5	<2	2	94	.47	.045	26	111	1.71	136	.08	<2	2.24	.01	.38	<1	14
L0+00 0+20E	4	72	6	87	.2	84	25	776	5.08	6	<5	<2	6	36	.4	<2	<2	60	3.04	.054	17	72	1.39	103	.07	<2	1.55	.01	.25	<1	19
L0+00 0+30E	3	29	11	84	.3	51	10	191	3.07	4	<5	<2	2	12	<.2	2	<2	43	.18	.048	13	72	.87	66	.06	3	1.54	.01	.12	<1	2
L0+00 0+40E	1	11	5	47	.4	24	5	124	1.60	3	<5	<2	<2	11	.2	<2	<2	28	.13	.022	13	42	.34	54	.05	<2	.98	.01	.08	<1	7
L0+00 0+50E	2	16	5	68	.3	34	8	133	2.23	7	<5	<2	2	11	<.2	2	<2	32	.16	.043	12	50	.42	62	.05	<2	1.23	.01	.09	<1	3
RE L0+00 0+50E	2	16	4	66	.3	35	7	132	2.19	4	<5	<2	<2	11	.3	2	<2	31	.15	.042	12	48	.41	61	.05	3	1.21	.01	.09	<1	7
L1S 0+50W	1	26	6	76	.3	31	13	290	4.32	8	<5	<2	<2	13	<.2	2	<2	53	.23	.226	2	46	.88	85	.05	<2	1.58	.01	.06	<1	7
L1S 0+40W	1	36	8	81	.4	33	17	786	3.41	4	<5	<2	<2	23	<.2	4	<2	54	.40	.183	5	60	.88	130	.08	<2	1.41	.01	.07	<1	11
L1S 0+30W	2	73	2	89	.5	41	20	395	5.22	6	<5	<2	<2	13	<.2	3	<2	53	.13	.160	9	61	.89	82	.05	<2	1.75	.01	.07	<1	16
L1S 0+20W	1	26	3	69	.3	24	11	474	2.20	3	<5	<2	<2	18	<.2	2	<2	41	.24	.033	4	43	.45	85	.08	<2	1.08	.01	.06	<1	19
L1S 0+10W	2	27	5	97	.3	42	12	187	3.15	6	<5	<2	<2	10	<.2	3	<2	44	.11	.064	8	56	.44	89	.05	<2	1.50	.01	.08	<1	20
L1S 0+00	2	30	8	74	.5	38	11	342	2.92	7	<5	<2	<2	16	<.2	2	<2	39	.22	.078	8	51	.44	117	.06	<2	1.39	.01	.10	<1	8
L1S 0+10E	3	28	5	73	.3	40	10	298	2.80	8	<5	<2	2	24	<.2	<2	<2	34	.39	.074	9	48	.50	77	.05	<2	1.26	.01	.13	<1	20
L1S 0+20E	2	22	5	80	.3	33	9	240	2.74	9	<5	<2	<2	27	<.2	<2	<2	35	.41	.131	7	42	.39	87	.05	2	1.37	.01	.10	<1	3
L1S 0+30E	1	10	8	61	.1	17	5	148	2.05	4	<5	<2	2	9	.2	2	<2	37	.11	.076	8	40	.33	66	.07	2	1.13	.01	.05	<1	<1
L1S 0+40E	2	24	10	89	.4	31	10	293	3.20	12	<5	<2	2	18	<.2	3	<2	45	.25	.209	9	52	.42	110	.07	2	1.34	.01	.09	<1	8
L1S 0+50E	3	32	8	116	.4	38	13	234	3.98	11	<5	<2	2	15	.2	3	<2	53	.14	.163	9	54	.43	97	.07	<2	1.48	.01	.10	<1	8
STANDARD C/AU-S	19	59	38	127	7.0	74	32	1042	4.08	42	25	9	36	52	17.0	14	17	61	.50	.093	40	55	.95	189	.08	33	1.86	.06	.15	11	54

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



GEOCHEMICAL ANALYSIS CERTIFICATE



C.J. Ridley File # 94-4416

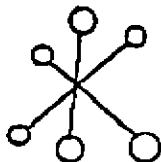
General Delivery, Eagle Creek BC V0K 1L0

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
WEL-94-CR-1	119	40	11	30	.6	2	<1	181	12.78	3	<5	<2	2	8	1.7	7	<2	31	.17	.015	<2	10	.15	<2	.14	9	.47	.06	.03	1	2
WEL-94-CR-3	1	67	3	85	.2	23	18	1080	5.29	2	<5	<2	<2	109	1.4	2	<2	138	3.10	.120	3	20	2.41	126	.12	7	2.22	.06	.11	2	<1
WEL-94-CR-4	<1	89	<2	61	.2	27	20	741	5.58	14	<5	<2	<2	114	1.2	2	<2	120	4.80	.070	3	47	2.64	250	.03	8	2.56	.09	.28	1	<1
WEL-94-CR-5	1	138	<2	82	.4	36	24	964	7.54	7	<5	<2	<2	95	1.3	3	<2	160	5.39	.076	2	76	3.48	143	.10	6	2.98	.10	.38	3	7
WEL-94-CR-6	4	177	3	80	.4	31	22	820	7.11	101	<5	<2	<2	99	1.6	19	<2	111	3.89	.071	2	38	1.60	93	.01	11	1.69	.07	.20	1	1
WEL-94-CR-7	1	63	3	88	.1	49	20	656	4.74	11	<5	<2	<2	80	1.0	<2	<2	133	2.17	.152	3	121	2.95	120	.16	7	2.78	.10	.54	1	3
RE WEL-94-CR-7	1	61	<2	88	.1	46	20	643	4.61	10	<5	<2	<2	77	.9	<2	<2	130	2.11	.150	4	119	2.89	125	.15	6	2.73	.09	.53	1	<1
WEL-94-CR-8	<1	123	2	57	<.1	140	38	897	5.98	9	<5	<2	<2	184	1.5	2	<2	120	8.15	.077	5	163	5.42	180	.01	5	2.07	.02	.27	<1	<1
WEL-94-CR-9	<1	124	<2	61	<.1	137	32	1094	5.61	11	<5	<2	2	303	1.4	2	<2	155	10.52	.078	6	221	4.89	208	.02	<2	2.34	.03	.03	<1	<1
WEL-94-CR-10	<1	112	<2	69	.2	188	47	1069	6.98	16	<5	<2	3	310	1.2	<2	<2	168	10.51	.065	6	215	6.98	109	.01	7	3.51	.02	.03	<1	23
WEL-94-CR-11	<1	96	4	59	.1	160	41	1133	6.12	20	<5	<2	3	433	.6	<2	2	137	14.30	.053	6	146	6.47	96	.01	3	2.98	.01	.07	<1	1
WEL-94-DR-1	<1	65	<2	78	.1	21	19	1692	5.89	<2	<5	<2	<2	57	.9	<2	<2	186	5.49	.054	4	17	2.55	56	.42	15	2.76	.04	.07	<1	<1
WEL-94-DR-2	10	43	3	78	.6	29	17	835	7.83	23	<5	<2	<2	36	.5	<2	<2	157	2.00	.066	5	12	1.87	18	.43	12	2.44	.06	.03	<1	15
WEL-94-DR-3	<1	33	<2	69	<.1	25	14	889	3.58	10	<5	<2	<2	41	.8	<2	<2	116	7.04	.040	3	29	2.06	25	.23	7	4.18	.02	.02	2	<1
WEL-94-DR-4	1	40	6	65	.2	12	8	704	3.19	10	<5	<2	<2	96	.7	<2	<2	70	2.48	.044	6	24	1.20	23	.13	2	1.58	.03	.04	2	7
STANDARD C/AU-R	19	59	36	129	7.0	73	32	1054	3.96	39	16	6	36	52	18.8	18	17	62	.49	.095	40	60	.93	191	.08	34	1.88	.06	.16	11	474

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: ROCK AU\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE. Samples beginning 'BE' are duplicate samples.

DATE RECEIVED: DEC 12 1994 DATE REPORT MAILED: Dec 16/94 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS:

APPENDIX "C"



## ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

### GEOCHEMICAL LABORATORY METHODS

#### SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through 80 mesh nylon sieves.
2. Rock, Core: Samples dried (if necessary), crushed, riffled to pulp size and pulverized to approximately -110 mesh.
3. Heavy Mineral Separation: Samples are screened to -20 mesh, washed and separated in Tetrabromothane. (SQ 2.96)

#### METHODS OF ANALYSIS

All methods have either certified or in-house standards carried through entire procedure to ensure validity of results.

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

##### Digestion

Hot aqua-regia

##### Finish

Atomic Absorption, background correction applied where appropriate

- A) Multi-Element ICP

##### Digestion

Hot aqua-regia

##### Finish

ICP

2. Antimony

##### Digestion

Hot aqua regia

##### Finish

Hydride generation - A.A.S.

3. Arsenic

##### Digestion

Hot aqua regia

##### Finish

Hydride generation - A.A.S.

4. Barium

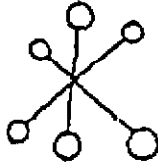
##### Digestion

Lithium Metaborate Fusion

##### Finish

I.C.P.



**ECO-TECH LABORATORIES LTD.**

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4597

## 13. Tin

Digestion

Ammonium Iodide Fusion

Finish

Hydride generation - A.A.S.

## 14. Tungsten

Digestion

Potassium Bisulphate Fusion

Finish

Colorimetric or I.C.P.

## 15. Gold

Digestion

- a) Fire Assay Preconcentration  
followed by Aqua Regia

Finish

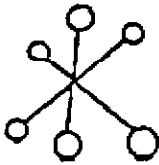
Atomic Absorption

- b) 10g sample is roasted at 800°C then digested with hot  
Aqua Regia. The gold is extracted by MIBK and  
determined by A.A.

## 16. Platinum, Palladium, Rhodium

DigestionFire Assay Preconcentration  
followed by Aqua RegiaFinish

Graphite Furnace - A.A.S.



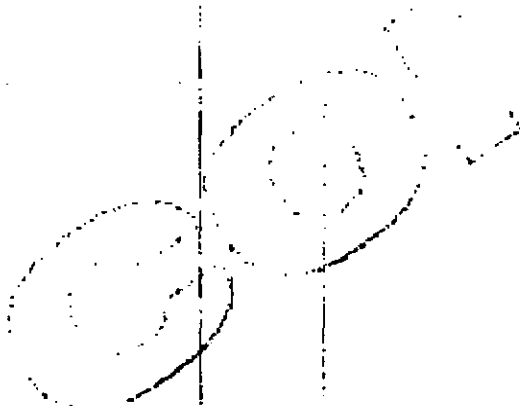
**ECO-TECH LABORATORIES LTD.**

**ASSAYING - ENVIRONMENTAL TESTING**

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

LABORATORY METHOD ASSAYS

- Gold - Conventional fire assay with A.A. finish
  
- Gold "Metallics" - A 300g re-split is taken from the rejects and pulverized in a ring and puck pulverizer. The entire split is screened to -140mesh. The entire +140 mesh oversize is assayed separately. Two replicate assays are performed on the -140 mesh fraction.
  
- Ag Pb Sb Zn - Aqua regia digestion, A.A. finish
  
- As - Aqua regia digestion, ICP finish



**ACME ANALYTICAL LABORATORIES LTD.**

Assaying &amp; Trace Analysis

852 E. Hastings St., Vancouver, B.C., Canada V6A 1R6

Telephone: (604) 253-3158 Fax: (604) 253-1716

1-604 397-2958

**Geochemical Methods  
Acme Analytical Laboratories Ltd.**

**Soil Preparation:** Dry soil or silt sample up to 1 Kg at 60 deg.C and sieve to -80 mesh.

**Rock Preparation:** Rocks or cores are crushed to - 3/16" and 250 gm is split out. This split is pulverized using a ring mill pulverizer to 99% -100 mesh.

**ICP Analysis:** 0.50 gm sample is digested with 3ml 3-1-2 HCL-HNO3-H2O at 95 deg.C for one hour and is diluted to 10ml with water. This leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K, Al.

**Gold Analysis (Fire Geochem):** 10 gm is ignited at 600 deg.C for 4 hours and fused with F.A. flux. The dore bead is dissolved in Aqua Regia and analysed by ICP.

Detection limit for Au 1 ppb  
Pt 3 ppb  
Pd 3 ppb  
Rh 3 ppb

\*\* Larger sample - on special request.

**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 CATHERINE J. RIDLEY Reference Number 94-95-P111

**LOCATION/COMMODITIES**

Project Area (as listed in Part A.) TIMBERLINE 1-8 Minfile No. if applicable 093A 096

Location of Project Area NTS 93A/7W Lat 52 15 02 Long 120 47 32

Description of Location and Access Please refer to attached report for complete description of access to main showing on TIMBERLINE #2 CLAIM.

Main Commodities Searched For Au, Cu, Ag

Known Mineral Occurrences in Project Area BOSS MOUNTAIN MOLYBDENITE MINE  
MINFILE # 093A 001: SILVER BOSS 093A 019: GUS 093A 020; Frasergold  
093A 150; JAMBOREE 093A 149

**WORK PERFORMED**

1. Conventional Prospecting (area) APPROXIMATELY 600 m dia. area
2. Geological Mapping (hectares/scale) " " " "
3. Geochemical (type and no. of samples) SOILS: 35 SAMPLES
4. Geophysical (type and line km) N/A
5. Physical Work (type and amount) TRAIL/TRENCH CLEARING: ±2KMS
6. Drilling (no. holes, size, depth in m, total m) N/A
7. Other (specify) \_\_\_\_\_

**SIGNIFICANT RESULTS (if any)**

Commodities Au (Gold) Claim Name TIMBERLINE #2  
Location (show on map) Lat 52 15 02 Long 120 47 32 Elevation 1036 meters  
Best assay/sample type 1.4 grams per ton Au (gold) over 1.55 meters  
(see Tim 94: DR3+4)

Description of mineralization, host rocks, anomalies

Please refer to the attached report for a complete description of all above mentioned items.

Supporting data must be submitted with this TECHNICAL REPORT.

**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 CATHERINE J. RIDLEY Reference Number 94-95-P111

**LOCATION/COMMODITIES**

Project Area (as listed in Part A.) BASSETT CK. Minfile No. if applicable N/A

Location of Project Area NTS \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

Description of Location and Access Please refer to enclosed report for complete description of access to area.

Main Commodities Searched For Au; Cu; Ag:

Known Mineral Occurrences in Project Area BOSS MOUNTAIN MOLYBDENITE MINE  
Minfile #: 093A 001: SILVER BOSS 093A 019: GUS 093A 020  
FRASER GOLD 093A 150; JAMBOREE 093A 149

<b>WORK PERFORMED</b>
1. Conventional Prospecting (area) <u>APPROXIMATELY 10 Kms.</u>
2. Geological Mapping (hectares/scale) <u>" "</u>
3. Geochemical (type and no. of samples) _____
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) <u>ROCK SAMPLING 29 ROCKS</u>
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) _____

**SIGNIFICANT RESULTS (if any)**

Commodities Au Claim Name N/A

Location (show on map) Lat \_\_\_\_\_ Long \_\_\_\_\_ Elevation \_\_\_\_\_

Best assay/sample type 365 ppb. Au over 0.5 m BAS 94 DR2

Description of mineralization, host rocks, anomalies  
Please refer to attached report for full details on all items.

## Pleistocene & Recent

28 till, gravel, clay, silt & Alluvium

## Tertiary or Quaternary

25 plateau basalts

## Cretaceous

20 Raft and Baldy batholiths

## Jurassic

16 Porphyritic augite andesite breccia and conglomerate

15 Andesitic arenite, siltstone, grit, breccia & tuff

## Triassic or Jurassic

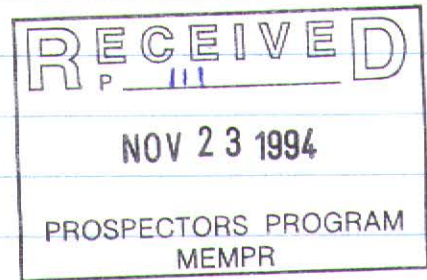
14 Thuya & Takomkane batholiths

## Triassic

### Nicola Group

11 Augite andesite flows and breccia,

10 Black phyllites



~ ~ ~ fault

/// area of interest (1&2)

- - - road / trail

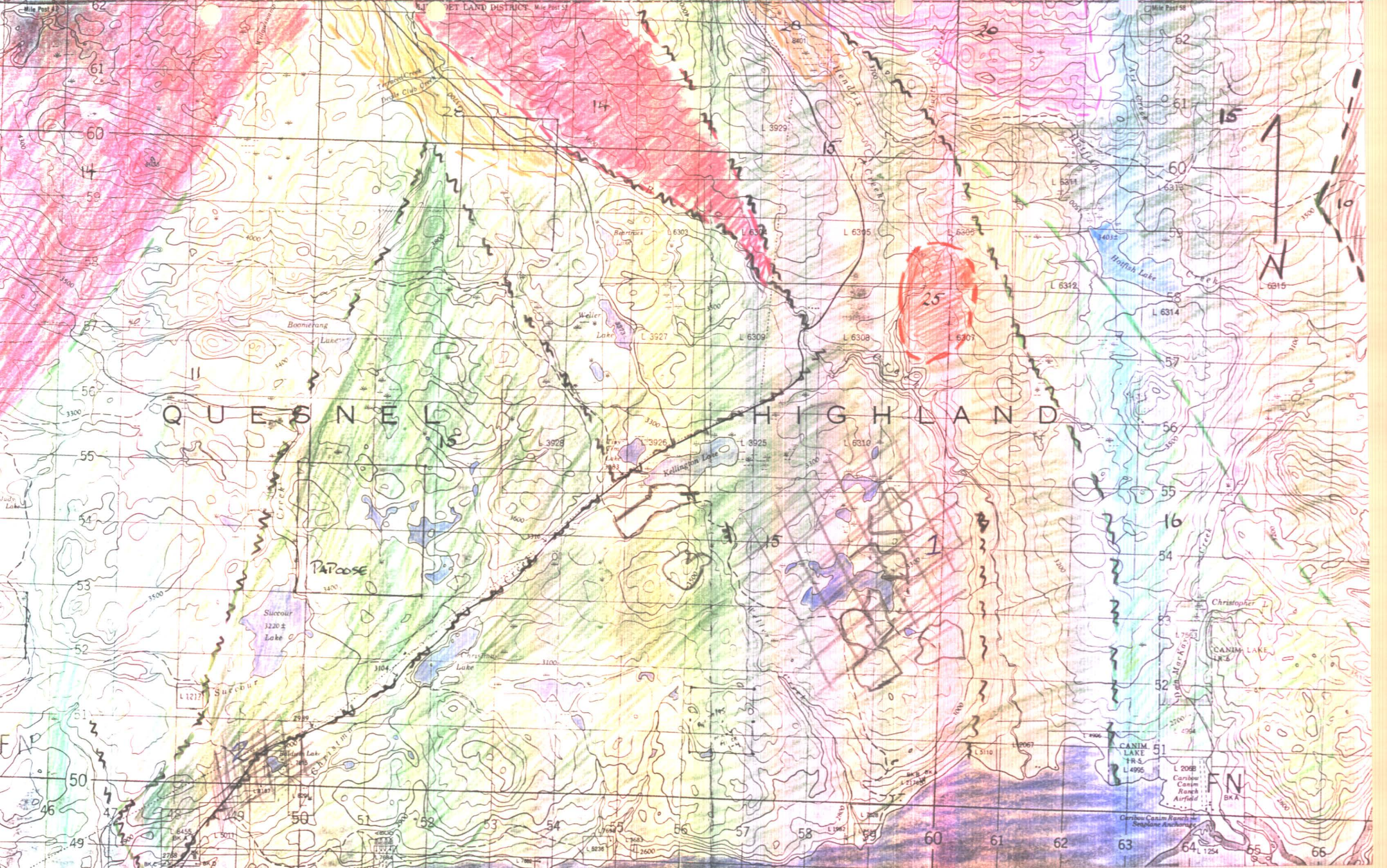
π bedding

☁ clear cut

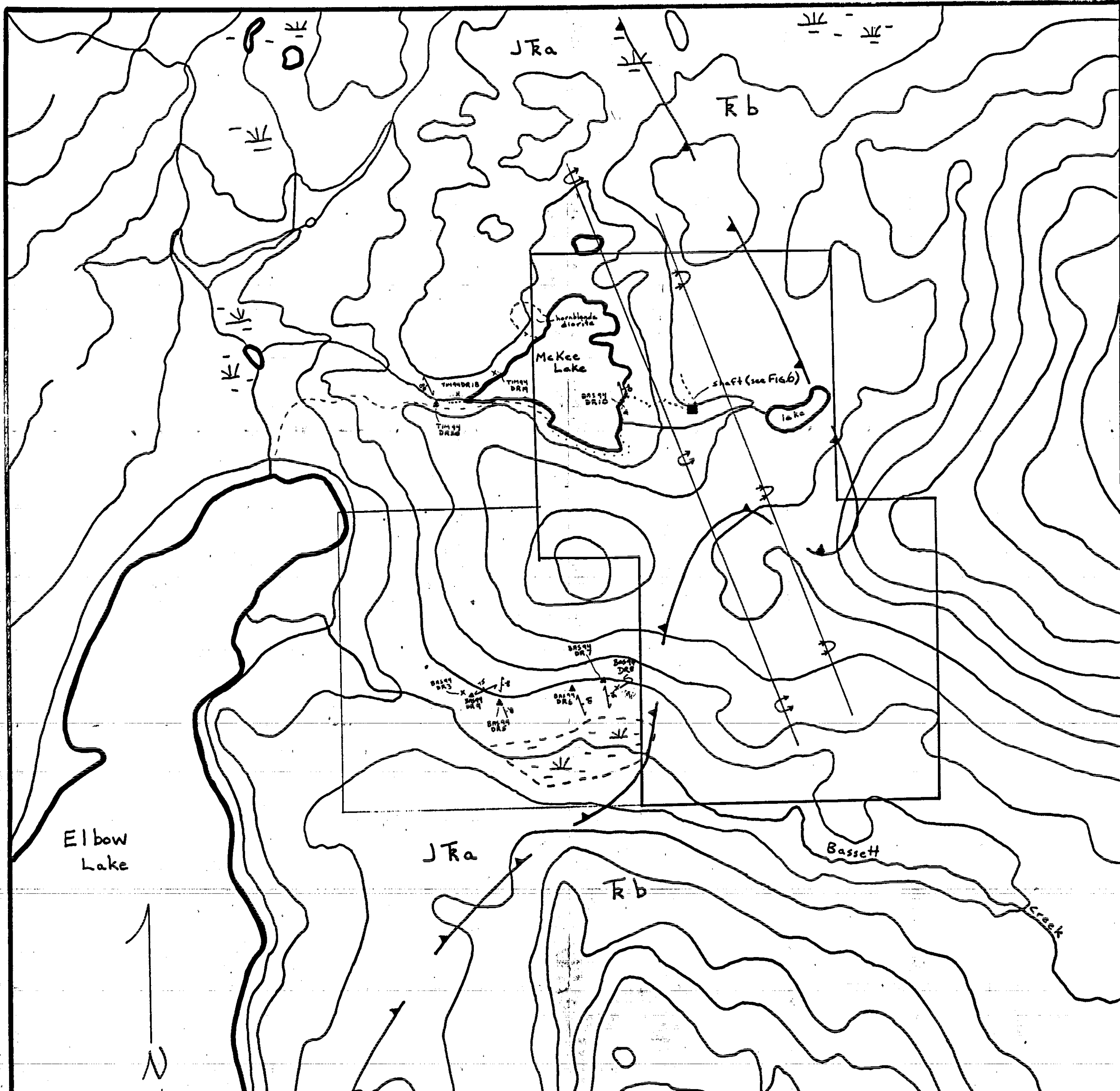


1:50,000 meters









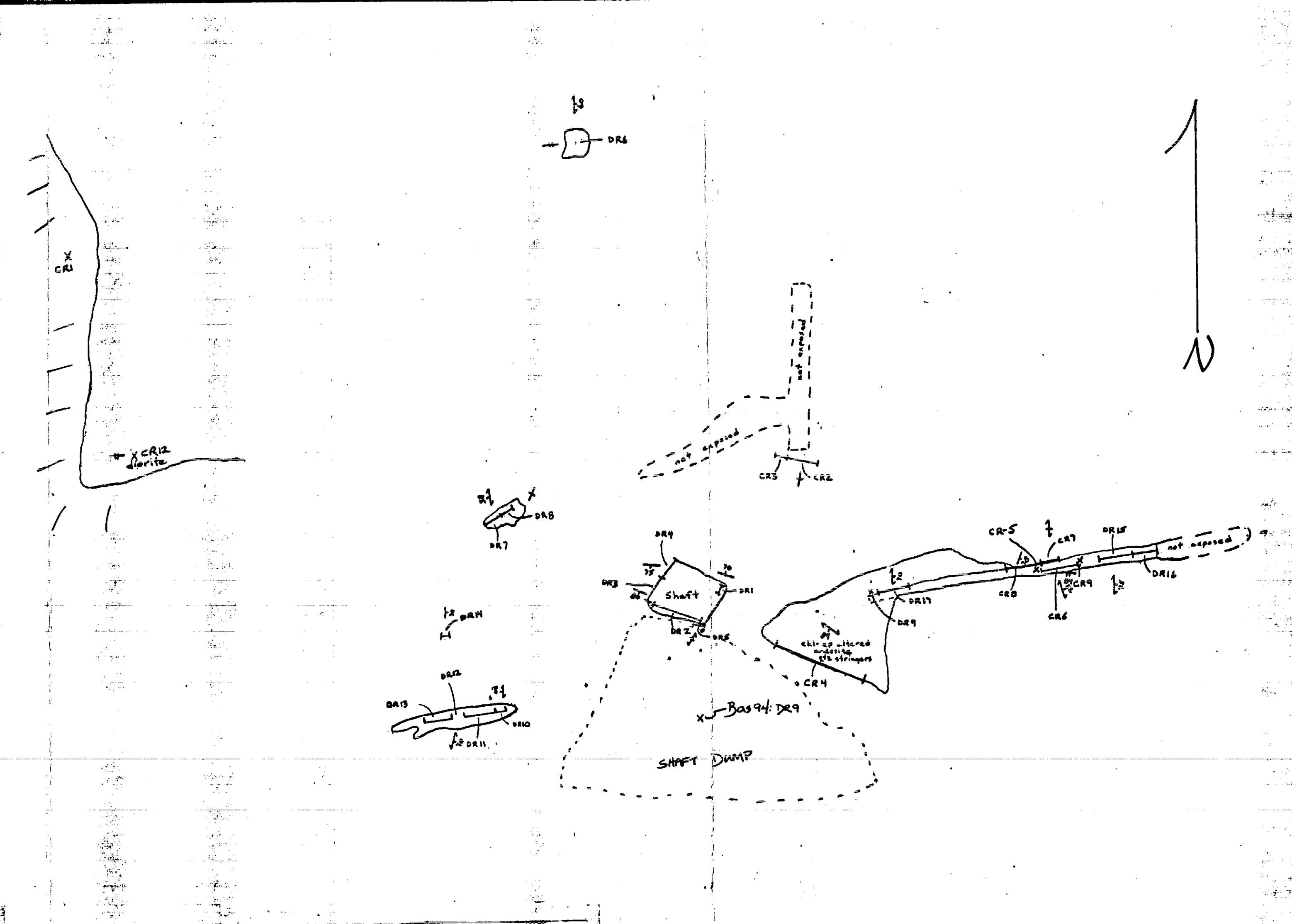
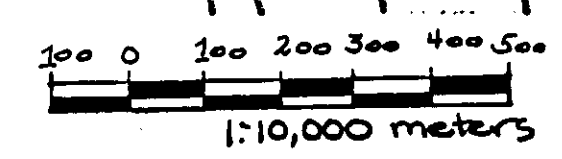
INTERMONTANE RELT:  
 JTra: Massive flows, agglomerates, ashflows tuffs, pillow basalts, mafic dikes and minor limestone  
 Trb: Banded slates and tuffs, minor fissile phyllites and limestone

ROCK SAMPLE RESULTS

Sample No.	Au ppb	Ag ppm	Mn ppm	Fe %	Cu ppm	Ba ppm	Zn ppm
TIM94 DR18	12	0.2	229	2.56%	113	87	13
TIM94 DR19	720	<0.1	181	1.17%	107	285	4
TIM94 DR20	7	0.2	540	5.24%	29	74	57
BAS94 DR 3	10	<0.2	461	4.83%	1175	120	27
BAS94 DR 4	50	<0.2	461	5.28%	388	90	23
BAS94 DR 5	10	<0.2	366	3.46%	335	115	25
BAS94 DR 6	15	<0.2	839	7.17%	38	80	80
BAS94 DR 7	5	<0.2	510	6.00%	248	95	26
BAS94 DR 8	380	11.4	1278	>15.00%	1,09%	90	118
BAS94 DR10	80	0.8	597	8.68%	884	115	50

road  
 Rock: ▲ grab  
 X float  
 geological boundary  
 F joints + quartz veins & foliation or shear zone  
 Axial trace of minor structures  
 Overturned . . . . . ↗

GEOLOGY: Rock Sampling  
 Timberline Claim Group  
 Cariboo m.d. N15 93A / 2W  
 FIGURE 7 Jan. 1994 DWR



ROCK SAMPLE RESULTS

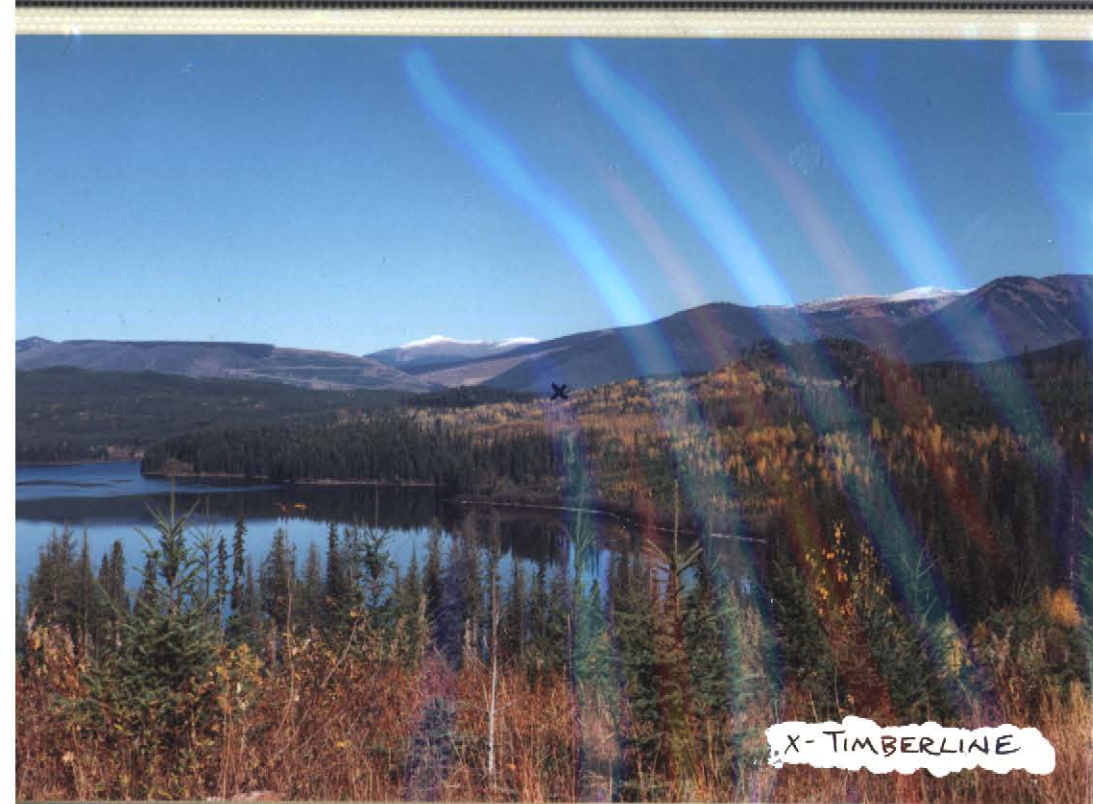
Sample No.	Au ppb	Ag ppm	Mn ppm	Fe ppm	Cu ppm	Ba ppm	Zn ppm
TIM94 CR 1	19	0.3	343	5.80%	132	48	26
TIM94 CR 2	18	<0.1	968	5.06%	111	32	47
TIM94 CR 3	584	0.1	710	5.93%	99	46	31
TIM94 CR 4	5	0.1	1038	5.42%	82	49	58
TIM94 CR 5	6	0.1	887	5.88%	34	30	40
TIM94 CR 6	10	<0.1	1033	5.59%	56	20	39
TIM94 CR 7	10	<0.1	1076	6.12%	62	34	57
TIM94 CR 8	<1	<0.1	393	2.01%	11	7	32
TIM94 CR12	1	0.1	571	4.82%	56	37	34
TIM94 DR 1	181	0.6	318	2.37%	1065	10	17
TIM94 DR 2	236	0.3	597	4.90%	658	24	39
TIM94 DR 3	914	0.1	701	1.38%	303	8	8
TIM94 DR 4	513	<0.1	984	5.61%	93	37	32
TIM94 DR 5	16	<0.1	726	3.40%	33	35	27
TIM94 DR 6	<1	0.2	710	4.21%	62	71	56
TIM94 DR 7	7	0.1	1349	5.32%	123	57	50
TIM94 DR 8	41	0.2	718	2.30%	91	43	15
TIM94 DR 9	12	0.3	625	9.33%	167	34	35
TIM94 DR10	9	0.1	289	1.77%	157	40	9
TIM94 DR11	17	<0.1	1068	4.38%	79	69	70
TIM94 DR12	9	0.2	1410	5.10%	88	47	45
TIM94 DR13	5	0.1	1040	3.66%	56	51	26
TIM94 DR14	9	<0.1	573	0.54%	5	16	4
TIM94 DR15	9	0.2	1006	5.84%	66	104	51
TIM94 DR16	8	0.2	1082	6.15%	65	48	63
TIM94 DR17	<1	<0.1	809	3.73%	32	27	34
BAS94 DR 9	125	1.2	390	3.42%	2701	20	26

X ROCK/CHIP SAMPLE  
 = attitude/bedding

RECEIVED  
 JAN 31 1995  
 PROSPECTORS PROGRAM  
 MEMPR

TRENCHING & ROCK SAMPLING PLAN  
 TIMBERLINE CLAIM GROUP  
 CARIBOO Mining Division N15 93A / 2W  
 FIGURE 6 January 1994 David Rieley  
 1 0 1 2 3 4 5 6 7 meters  
 1:100





X-TIMBERLINE



TRENCH #2



TRENCH #1



TRENCH #4





TRENCH #5



TRENCH #1



TRENCH #7



SHAFT