BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1998/99
REPORT #:	PAP 98-12
NAME:	MARTIN PETER

January 22, 1999

RESULTS OF THE 1998
PROSPECTORS ASSISTANCE PROGRAM
WITHIN THE ANTLER FORMATION
CENTRAL BRITISH COLUMBIA

By: Martin C. Peter

INTRODUCTION

1998 proved to be another successful exploration season within the Antler Formation as a further concentration of massive sulphide float was discovered and a 20 unit mineral claim (Lottie 1) was staked to surround the area. This float was found in an region which was described in the 1998 PAP Grant proposal as a good target area for the location of VMS-style mineralization. This discovery came approximately mid-way through the program so that some of the proposed study locations outlined in the 1998 Proposal could not be examined; however, the surrounding region was studied in greater detail and two areas of further potential were delineated within the southern half of the Antler Formation.

As described in previous reports, the Antler Formation has not attracted a lot of exploration scrutiny for a number of reasons, not the least of which is a lack of documented mineral occurrences. Since 1996, the author has discovered three new distinct concentrations of float boulders with economic levels of base and precious metals, none of which to date has been successfully traced back to a bedrock source. All the float boulders appear to have originated as part of volcanogenic massive sulphide mineralizing systems which lends credence to the idea that the rocks of the Antler Formation are good potential hosts for these types of deposits. Furthermore, the author now has a better grasp of the geology of the Formation and has outlined new areas of felsic volcanism which he believes to represent emergent island arcs within the interpreted back-arc basinal environment which constitutes the majority of the Antler Formation. These felsic volcanic rocks are an attractive exploration target and the potential of the entire Formation remains largely untapped.

Results of the 1998 season will be presented on an area-specific basis starting with the most southerly area examined and working towards the most northerly. As documented in previous PAP Grant proposals and reports concerning the Antler Formation, the general geology, location, physiography and exploration history will not be revisited in this current report.

AREA RESULTS

1) 29A Road Area: The 29A Road is reached by driving north from the Wells-Barkerville highway(26) towards Bowron Lakes Provincial Park, but turning east on to the road leading to Atan and Chisel Lakes which are situated just to the west of the Park boundary. Well before reaching the lakes, and before crossing Antler Creek, the 29A road branches off towards the south and at 9.8km where the road takes a sharp bend, on the slope above are exposed pieces of ferricrete and pale to dark grey mineralized chert with fine to medium grained disseminations and masses of pyrite with minor amounts of sphalerite. A total of three selected rock samples were taken: RK98 - 55, 56 and 102, with 55 returning 1250ppm Cu, 10.70% Fe and 1.65% Zn and 102 returning 772ppm Cu and 48ppm Zn.

However, a small stream flowing under the road just 100m south of the mineralization failed to give any anomalous results with only moderately elevated

mineralization failed to give any anomalous results with only moderately elevated levels of Fe and Mn.

Below the road is exposed in outcrop what appears to be a thick sequence of fractured and pyritic bedded chert, although not having the same tenor of mineralization as the float exposed on the road. The initial impression given by the style of mineralization is that it is not primary but rather has been introduced into the brittle and fractured chert at some later stage. Although this area would not be considered a high priority exploration target, the anomalous results in Zn and Cu may merit further work in the future.

Within the same general region, but approximately 15km to the southeast on the Cunningham/Babcock Forest Service road is exposed an outcrop of pyritic, sheared pillow basalt which has been bleached and altered. Two rock samples were taken from the area: RK98 - 57 and 58 which while both containing 10% Fe, had only background levels of base metals.

2) Big Valley Creek/ Lottie Lake/ Westpass Area: Big Valley Creek flows northwest, then west into the northerly-flowing Willow River north of the town of Wells and west of the Bowron Lake Provincial Park. The valley is best reached by heading north on the 2400 Rd. at Beaver Pass House on highway 26. The 24A Rd. subsequently branches to the east, traveling up Big Valley Creek towards Westpass Valley and Lottie Lake; this area is located to the northwest of Two Sisters Mountain.

Current interest in the Lottie Lake-Westpass area began in 1993 when mineralized float was discovered at the side of a logging road on the east side of Westpass Valley. Here, mineralization consists of disseminations and patches of massive pyrite with chalcopyrite in a mafic volcanic host and was interpreted as pillow selvage and inter-pillow accumulations (replacement?) of sulphides, which resulted from hydrothermal fluids being vented into an actively forming submarine volcanic environment. This region was targeted in the 1998 PAP Grant proposal as a good candidate for the discovery of further VMS-style mineralization and on July 3, 1998 while investigating a relatively new clear cut 1.7km to the southwest of Lottie Lake, a small chalcopyrite-rich massive sulphide boulder was discovered adjacent to the logging road and this was associated with other, much larger boulders of mineralized chert and silicified volcanic rock, spread out over a roadside distance of approximately 75m. The massive sulphide boulder assayed an impressive 24.3% Cu and 19.6gm Ag while samples from the other material (wallrock?) ranged up to 1.77% Cu. After this discovery, a 20 unit mineral claim (Lottie 1) was staked surrounding the float. Subsequently, streams in the area were silt sampled, rock samples were collected and a number of soil samples were collected as well. Significant results of this program will be presented in a geographical format:

a) On the east side of the Westpass Valley the main area of interest is the location of the 1993 float discovery which could represent stringer-type mineralization which occurs stratigraphically below massive sulphide deposits. The angularity of the material as well as it's association with ferricrete probably means that the source

area is nearby. A total of three rock samples were taken from the cutbank (RK98 - 29, 30 and 31) as well as three soil samples taken 20m apart (SL98 - 04, 05 and 06). RK98-29 was semi-massive to massive crudely bedded sulphides in a chert and returned 2640ppm Cu, while RK98-30 and 31(altered basalt) contained 290ppm Zn and 426ppm Zn respectively. The soils returned up to 197ppm Cu and 148ppm Zn.

b) To the west of Westpass Lake, several target areas were defined which will require follow-up work. Silt sample ST98-27 was taken from a stream which is a tributary to a stream sampled as ST98-28. Silt sample ST98-27 gave 860ppm Ba, 91ppm Cu, 8770ppm Mn and 196ppm Zn while ST98-28 gave 900ppm Ba, 53ppm Cu, 8.17% Fe, >10000ppm Mn and 278ppm Zn. Both of these streams require regularly-spaced follow-up silt sampling to determine the extent and magnitude of the anomalies.

On the ridge to the north of these streams, soils SL98 - 01, 02 and 03 were sampled in areas of ferricrete concentrations. Results were up to 430ppm Ba, 331ppm Cu, 2420ppm Mn, 18ppm Mo, 34ppm Pb and 100ppm Zn.

Rock samples RK98 - 20, 21 and 22 were all taken from the same outcrop exposure and were of a dark pyritic chert unit which likely represents an exhalite. Results were up to 420ppm Ba, 511ppm Cu (very high for a chert) and 3400ppm Mn. Several hundred meters to the southeast of the RK98 - 20, 21 and 22 location, an outcrop of altered volcanic rock (basalt?) was sampled (RK98-28A) which gave a value of 370ppm Cu.

c) At the Lottie Lake float area, the focus is high-grade massive sulphide float as well as semi-massive float (one piece of this style of mineralization has been found which assayed 4.51% Zn, 1.00% Pb, 9490ppm Cu and 40.6gm Ag - RK98-68). The massive sulphide boulder (RK98-32) was not fully exposed from the surrounding soil so it's true size is not known, but pieces from the top of the boulder assayed 24.3% cu, 400ppb Au, 19.6gm Ag, 532ppm As, 648ppm Co, 1165ppm Mo, 222ppm Pb and 426ppm Zn. The larger associated mineralized boulders are intensely propylitically altered and while the protolith is mainly a chert, at least a few of the pieces are volcanic rocks - whether they are mafic, felsic or intermediate rocks could not be determined visually due to the intensity of the alteration. A less altered boulder of chert was found which contained hematitic staining, was pyritic and also had streaks and veins of magnetitie - this could represent an oxide facies iron formation connected with the mineralized system and may give a good geophysical (magnetic) response.

From the limited number of soil samples taken (mainly from along roadcuts), no strongly anomalous areas or patterns were defined. However, sample EL 0+50 (close to the float by the road) gave 95pm Cu and SR 3+00 and SR 4+00 gave 139ppm Cu and 128ppm Cu respectively. These latter two samples were taken along a road traversing a hillside to the south of the float and could be caused by dispersion from further up the hill. In the Lottie float region, it would probably be advantageous to initiate a till sampling program to give an indication of the direction from which the float material was transported.

d) In the next clear cut to the west of the float occurrence, there are some interesting exposures of a clay-altered felsic intrusive and a pyritic flow-banded rhyolite (fine-grained tuff?) which trends 280-300 degrees and dips to the north. The felsic intrusive is likely a sub volcanic sill-like body which is at least 350m long where it crops out and although there is no contact exposed, the adjacent rhyolite could be a related extrusive component. Just to the north along the road, is exposed an unmineralized mafic sill or dike. These felsic volcanic rocks could be an extension to the east of a long and fairly broad belt of porphyritic dacitic to rhyolitic volcanic and volcaniclastic and related detrital rocks including limestone, which runs WNW along the ridge directly to the north of Big Valley Creek. This belt of felsic volcanic rocks was previously undocumented and was discovered by the author. The NNW-trending structure represented by the Westpass Valley and upper course of Big Valley Creek is likely a fault which may have offset the strata to some degree. In any case, the region is situated near the base of the Antler Formation (from mapping done by Bert Struik of the GSC). Where exposures have been examined, the previously mentioned belt of felsic volcanic rocks is characteristically unmineralized. One exception to this is in the area of rock samples RK98-64 and RK98-65 (situated 15km WNW from the Lottie float) which were taken from a bleached, altered and somewhat schistose felsic bedrock with sparse quartz eyes and up to several percent pyrite; however, base metal levels within the samples are actually depleted (this could be a result of weathering processes). RK98-65 was taken in the same area as 64 but was actually from a pyritc chert subcrop and again, metal levels are very low.

On the hillside above this site, are largely sedimentary rocks such as argillite, argillite matrix conglomerate, pelitic sediments, chert breccias and limestone. The conglomerates contain clasts of felsic volcanic rocks, chert and argillite and even one of the clasts noted was a 2cm piece of massive fine-grained pyrite. Clast shape varies from elongate and angular to rounded, while density also varies greatly from sparse to crowded. The felsic volcanic rocks and tuffs are generally light to dark grey with mostly small quartz eyes which are mainly sparse to moderate in number but can also be very crowded in certain outcrops. The best exposures of the felsic volcanic rocks are directly along the top of the ridge paralleling Big Valley Creek to the north and have been traced along strike for a minimum distance of 7.5 kilometers. This belt is one of at least several belts of felsic to intermediate volcanic rocks known to occur throughout the Antler Formation and they often appear to be associated with conglomerates and also limestone. This association suggests a topographically raised, shallower water environment (emergent?) than the predominantly mafic, deeper water areas of the basin.

3) 24P Road, NE OF Ahbau Lake: This region again is located very close to the western contact of the Antler Formation and this is seen by the strained appearance of the rocks on this SW-facing slope above the Willow River. Most of the rocks can be described as being sheared mafic volcanic rocks where many of the primary features have been obliterated. Discovered mineralization to date consists of limonitic quartz vein material containing patchy galena and rare grains of chalcopyrite. One of the

samples (RK98-14) returned a value of 57.4gm Ag; however, Au was negligible and Pb was only 7890ppm. Samples were mainly taken from float boulder concentrations; but, one outcropping vein was also sampled and many quartz sweats were noted. Two streams in the region were silt sampled and significantly, RK98-26 returned 222ppm Pb. Because of the low Au values and only moderate Ag levels, further exploration work in the 24P Road area is not considered to be a high priority.

4) Stephanie Creek Valley: This valley is situated two valleys to the north of Big Valley Creek and flows towards Stephen Lake to the northwest which in turn empties in to Stoney Lake which is a large lake in the region. On the north side of Stephen Lake are exposed bluffs of Quartz Feldspar porphyry rhyolite which were originally noted by BP Resources Canada in 1984 and these can be traced in places further to the northwest along the north and south sides of Stoney Lake. Five kilometers to the southeast of Stephen Lake, by the side of the road is an area with an abundance of pyritic quartz-eye rhyolite float which was sampled in 1997 with negligible results. However, a closer examination of the region was warranted and it was discovered that most of the southeast-trending ridge to the north (uphill) is comprised of felsic and intermediate volcanic rocks; however, it is not known how far to the southeast (along Stephanie Creek valley) this belt extends. Most of the creeks draining the ridge from the north were silt sampled but access to the south side of the valley was not gained due to a bridge washout. Although results were largely disappointing with no obvious anomalous returns, further investigation especially on the south side of the valley is recommended.

5) Indianpoint Creek/18-Mile Creek Area: This area is situated to the northwest of the Bowron Lakes Provincial Park . Just to the south of where the Frontier Road crosses 18-Mile Creek adjacent to the Bowron River, is a resistant knoll of a felsic pyroclastic flow with sericitic and chloritic alteration and minor pyrite on fracture surfaces. This outcrop most likely represents the eastern continuation of felsic volcanic rocks documented in 1984 and 1985 by BP Resources Canada in the Slender Lake/18-Mile Creek region. As Randy Farmer noted in his excellent assessment report, the 18-Mile Creek felsic belt could be on a separate stratigraphic level or it could be an easterly extension of the aforementioned felsic volcanic rocks in the Stoney Lake area. On the east side of the Bowron River to the south of Indianpoint Creek, is an old roadside quarry which exposes pyritic chloritized pillow basalt. Two rock samples were taken (RK98 - 03 and 04) which returned 549ppm Cu, 180ppm Zn and 329ppm Cu, 130ppm Zn respectively.

6) Narrow Lake/ Wendle Lake Area: This area represents the central region of the Antler Formation and is easily accessible via the Narrow Lake Forest Service Road. Interest was originally drawn to this area by the 1997 discovery late in the season of boulders of pyritic, brecciated, silicified volcanic rock with local thick accumulations of ferricrete in a clearcut above the upper part of Narrow Lake Creek. This area was followed-up with a program of mainly roadside soil sampling and further rock

sampling. While pyrite mineralization appears to be widespread and has also been traced to the opposite (west) side of the valley, this type of mineralization has no base or precious metal association. As well, no anomalous results were obtained from the soil samples so no further work is contemplated.

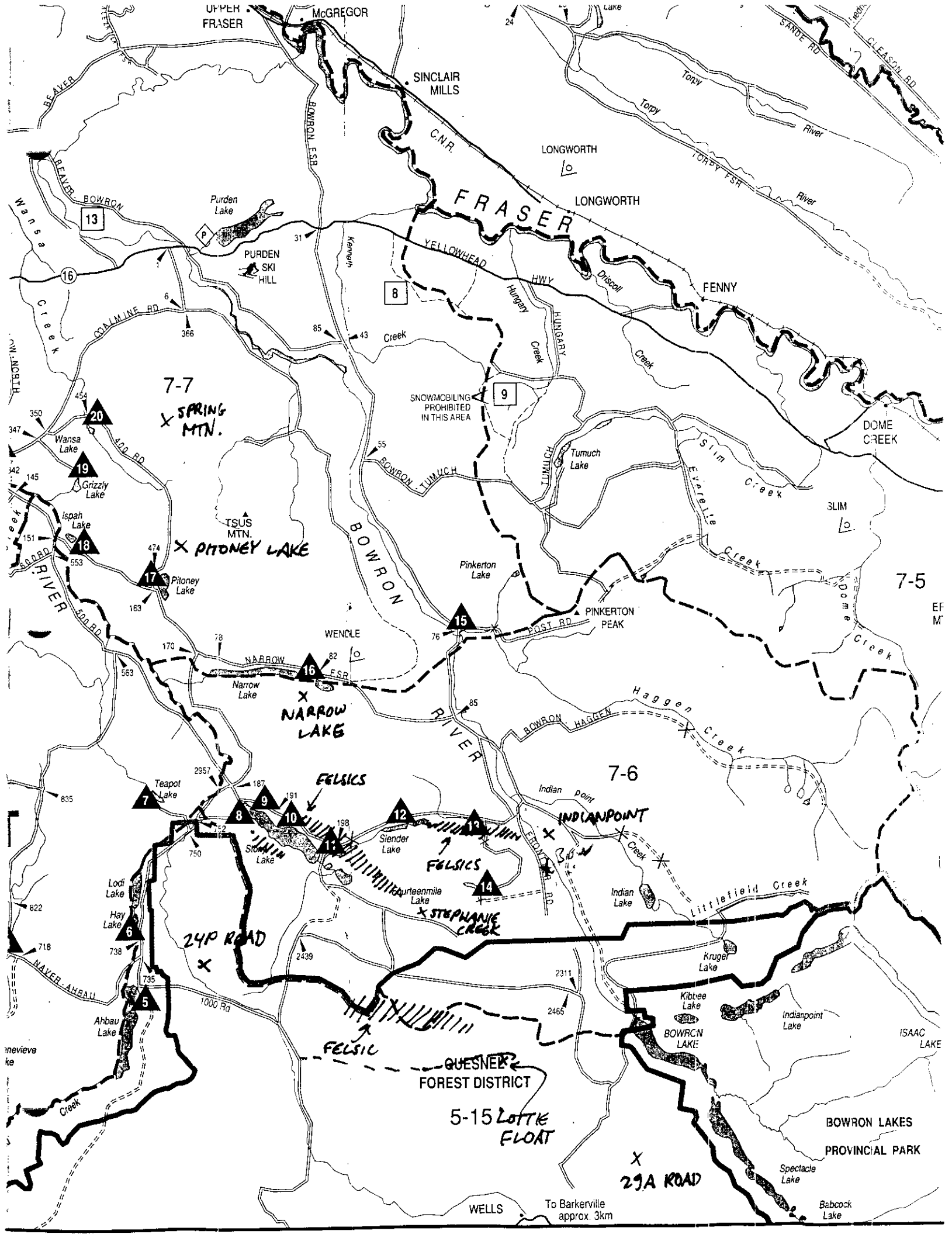
7) Pitoney Lake Region: On a fork off of the 400 Road at 1.0km, a new logging road has exposed a large Fe-carbonate alteration zone. Several rock samples were taken and several streams draining Tsus Mountain were silt sampled, but no encouraging results were obtained.

8) Spring Mountain: Streams draining the west side of Spring Mountain were silt sampled in an effort to follow up anomalous samples obtained in the1984 GSC regional survey. A total of 6 silt samples were taken from a number of streams; however, none of the 1984 results were duplicated.

9) In the course of regional prospecting, many other stream, rock and soil samples were taken in order to generate further areas of interest but the preceding examples formed the main areas of concentration during the 1998 season.

CONCLUSION

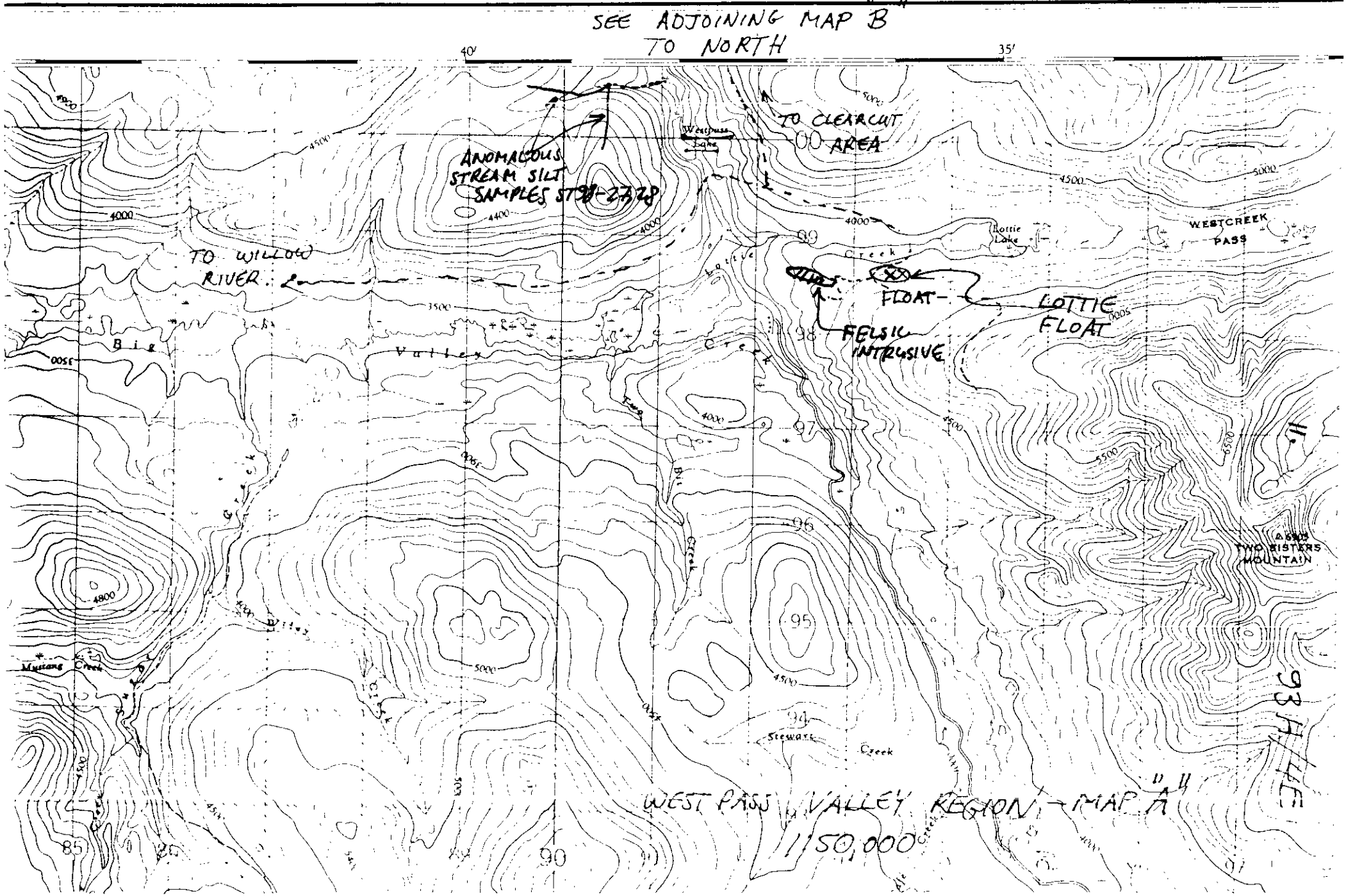
The 1998 PAP Grant Program within the Antler Formation was successful in that further economic grade mineralization (albeit float) of possible VMS type was uncovered in an area in the vicinity of felsic intrusive and extrusive rocks. This has already generated interest from a junior mining exploration company which plans a work program in the spring and summer of 1999. Thanks are due to the PAP Program for providing funds crucial to the 1998 exploration program.

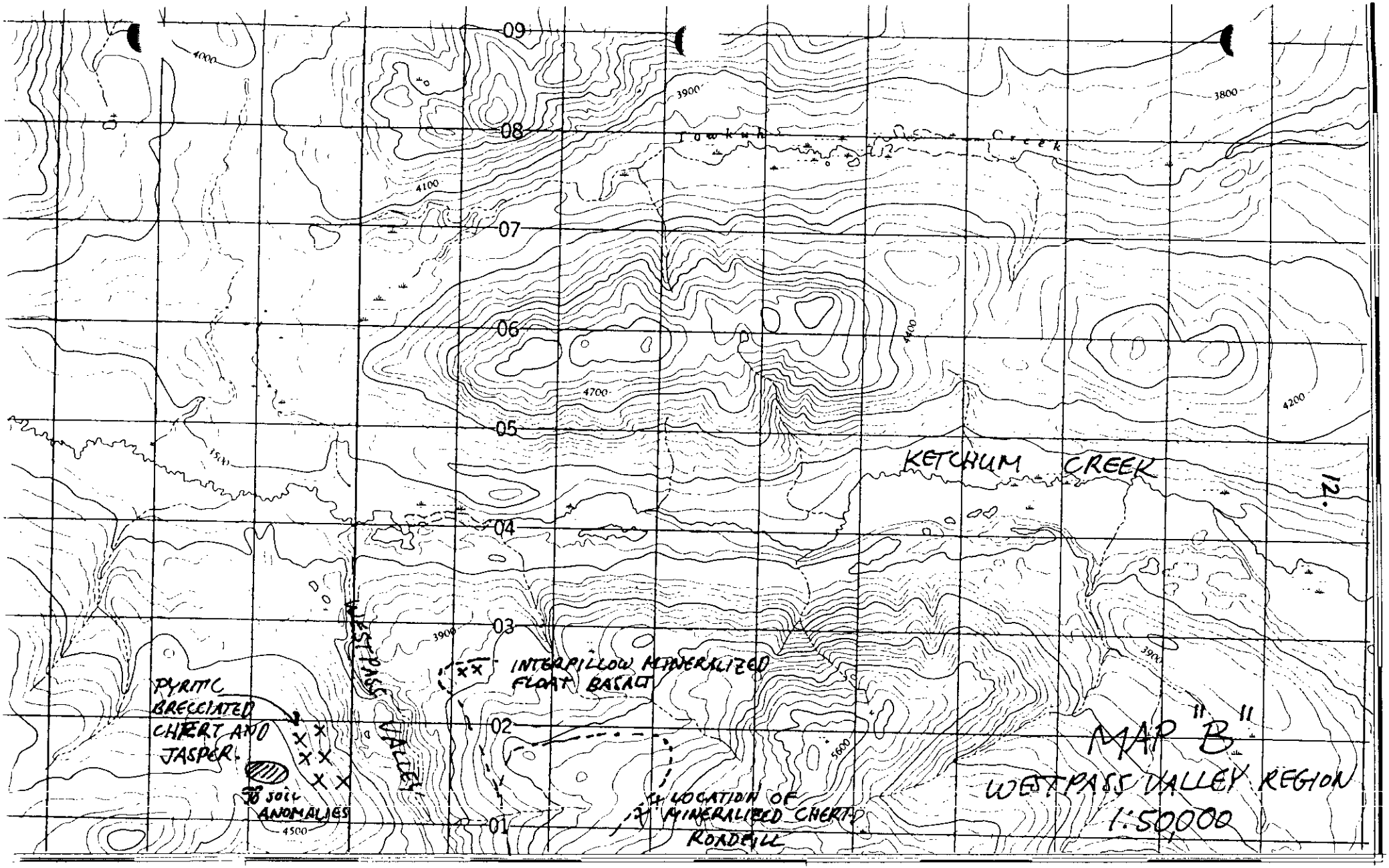

UPPER FRASER
McGREGOR
SINCLAIR MILLS
BEAVER
BOWRON FSR
C.N.R.
LONGWORTH
FRASER
Torpy
Torpy River
TORPY FSR
SANDE RD
GLEASON RD
BEAVER BOWRON
13
Purden Lake
PURDEN SKI HILL
16
YELLOWHEAD HWY
Kennedy
Hungary Creek
HUNGARY
Driscoll
FENNY
8
COALMINE RD
7-7
SPRING MTN.
SNOWMOBILING PROHIBITED IN THIS AREA
9
DOME CREEK
Wansa Lake
400 RD
20
19
Grizzly Lake
Ispah Lake
TSUS MTN.
PITONEY LAKE
18
17
Pitoney Lake
BOWRON RIVER
500 RD
BOWRON
BOWRON TUMUCH
Tumuch Lake
TUMUCH
Slim Creek
Everglite
SLIM
Pinkerton Lake
PINKERTON PEAK
POST RD
15
7-5
Dome Creek
WENDLE
NARROW FSR
Narrow Lake
NARROW LAKE
16
Haggen Creek
BOWRON HAGGEN
7-6
Teapot Lake
7
FELSICS
9
8
10
11
12
13
Slender Lake
Stephanie Lake
FELSICS
Indian Point
INDIANPOINT
Creek
FRONTIER RD
Littlefield Creek
Indian Lake
14
Lodi Lake
Hay Lake
6
24P ROAD
STEPHANIE CREEK
Fourteenmile Lake
NAVER AHBAU
1000 Rd
5
Ahbau Lake
Kruger Lake
Kibbee Lake
BOWRON LAKE
Indianpoint Lake
ISAAC LAKE
FELSIC
QUESNEL FOREST DISTRICT
5-15 LOTTIE FLOAT
BOWRON LAKES PROVINCIAL PARK
29A ROAD
Spectacle Lake
Babcock Lake
WELLS
To Barkerville approx. 3km

1:50,000

CANADA

EDITION 1





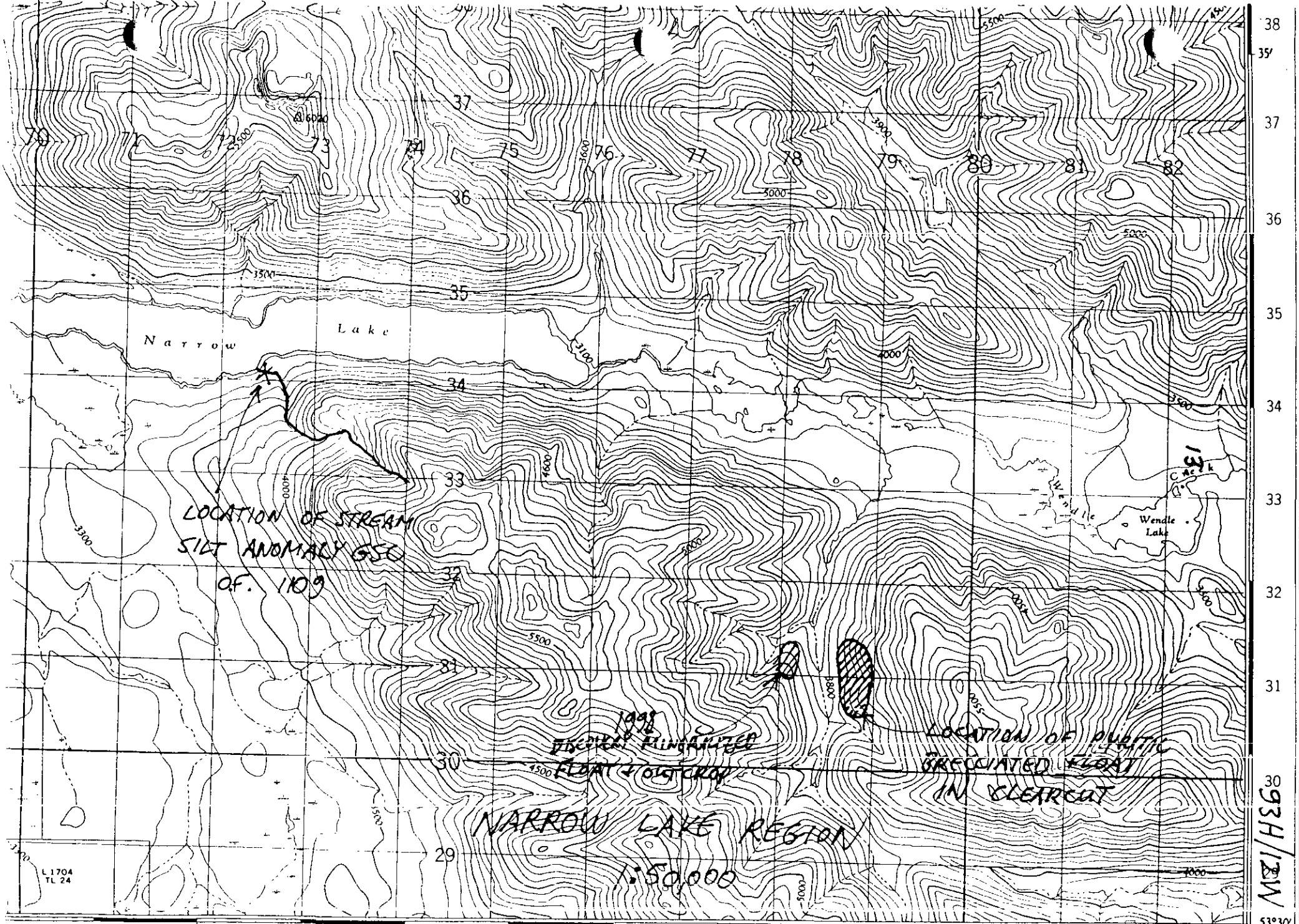
STONY LAKE

CARIBOO DISTRICT

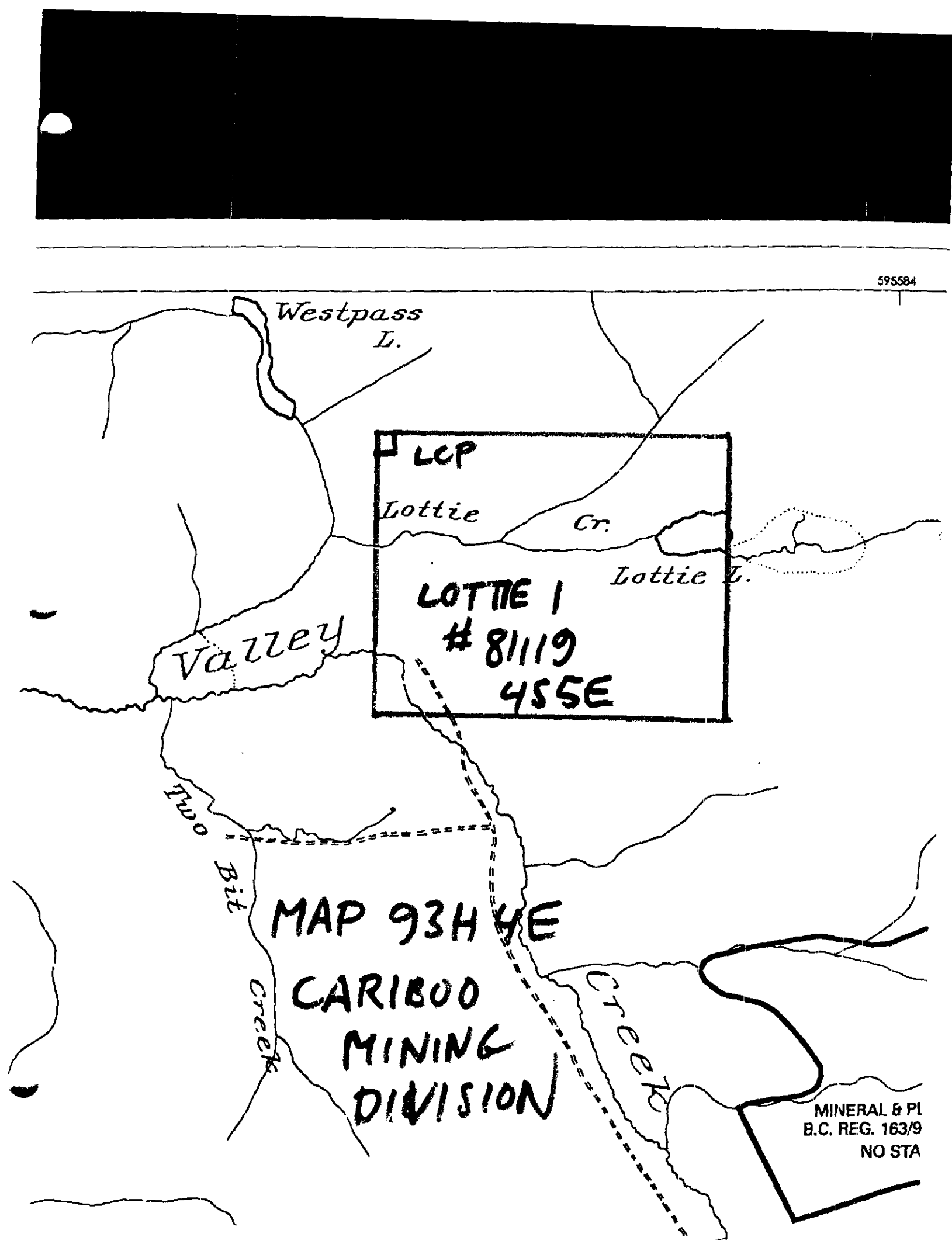
BRITISH COLUMBIA

Établie et imprimée par la DIRECTION DES LEVÉS ET DE LA CARTOGI
MINISTÈRE DES MINES ET DES RELEVÉS TECHNIQUES, en 1963, d'
photographies aériennes prises en 1955 et 1956.

93H
/5E



Établie et imprimée par la DIRECTION DES LEVÉS ET


595584
Westpass
L.
LCP
Lottie
Cr.
Lottie L.
LOTTIE 1
#81119
455E
Valley
Two
Bit
Creek
MAP 93H 4E
CARIBOO
MINING
DIVISION
Creek
MINERAL & PI
B.C. REG. 163/9
NO STA

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project : 98
Comments: ATTN: MARTIN PETER

Page Number : 1
Total Pages : 1
Certificate Date: 15-JUL-98
Invoice No. : I9824604
P.O. Number :
Account : HUW

CERTIFICATE OF ANALYSIS A9824604

SAMPLE	PREP CODE	Cu %
RK98-32	244 --	24.3

Cottia Float Assay

CERTIFICATION: Hank Ficklin

OVERLIMITS from A9823861

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: PETER MARTIN

Page Number :1
Total Pages :1
Certificate Date: 29-SEP-1998
Invoice No. : I9831828
P.O. Number :
Account : HUW

CERTIFICATE OF ANALYSIS A9831828

SAMPLE	PREP CODE	Au ppb FA+AA	Pb %	Zn %
RK98-56	244 --	< 5	-----	1.65
RK98-68	244 --	-----	1.00	4.51

29A Road.

LOTTIE FLOAT

CERTIFICATION:

OVERLIMITS from A9831196

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project : LOT
Comments: ATTN: MARTIN PETER

Page Number : 1-A
Total Pages : 1
Certificate Date: 14-OCT-1998
Invoice No. : I9833082
P.O. Number :
Account : HUW

CERTIFICATE OF ANALYSIS A9833082

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
RK98-100	205	226	< 0.2	2.11	< 2	< 10	< 0.5	< 2	0.25	< 0.5	101	670	107	6.35	< 10	< 1	< 0.01	< 10	4.19	320	< 1
RK98-101	205	226	< 0.2	0.36	236	70	< 0.5	< 2	0.08	< 0.5	35	69	54	3.25	< 10	< 1	0.18	< 10	0.08	35	11
RK98-102	205	226	0.4	0.46	12	< 10	< 0.5	< 2	0.01	< 0.5	78	145	772	7.35	< 10	< 1	0.01	< 10	0.21	1655	1

CERTIFICATION: Hawthickler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project : LOT
Comments: ATTN: MARTIN PETER

Page Number : 1-B
Total Pages : 1
Certificate Date: 14-OCT-1998
Invoice No. : 19833082
P.O. Number :
Account : HUW

CERTIFICATE OF ANALYSIS A9833082

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
RK98-100	205	226	0.01	682	230	< 2	< 2	1	5	0.10	< 10	< 10	44	< 10	46
RK98-101	205	226	< 0.01	20	60	6	< 2	2	2	0.06	< 10	< 10	14	< 10	2
RK98-102	205	226	< 0.01	54	180	2	< 2	1	< 1	< 0.01	< 10	< 10	95	< 10	48

CERTIFICATION: Ian Bulle

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project : 98
Comments: ATTN: MARTIN PETER

Page Number : 1-A
Total Pages : 1
Certificate Date: 14-JUL-98
Invoice No. : I9823861
P.O. Number :
Account : HUW

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9823861

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
NL98RK-CLRCT	205	226	< 5	< 0.2	3.87	< 2	< 10	< 0.5	< 2	2.67	< 0.5	25	159	64	7.61	10	< 1	< 0.01	< 10	1.95	695
NL98RK-4+50	205	226	10	< 0.2	3.66	< 2	30	< 0.5	< 2	2.05	< 0.5	27	188	74	6.16	10	< 1	< 0.01	< 10	2.72	300
NLW98-2+50FLOAT	205	226	< 5	< 0.2	3.44	< 2	40	< 0.5	< 2	2.68	< 0.5	25	142	57	4.33	< 10	< 1	< 0.01	< 10	1.83	245
RK98-01	205	226	< 5	< 0.2	0.48	28	10	< 0.5	< 2	0.09	< 0.5	11	229	3	2.47	< 10	< 1	0.03	< 10	0.09	735
RK98-02	205	226	< 5	< 0.2	1.29	< 2	100	< 0.5	< 2	0.82	< 0.5	11	44	15	2.73	< 10	< 1	0.37	20	0.39	565
RK98-03	205	226	5	0.2	3.50	6	10	< 0.5	< 2	2.94	< 0.5	34	126	[549]	8.66	10	< 1	< 0.01	< 10	1.92	360
RK98-04	205	226	< 5	< 0.2	3.72	< 2	10	< 0.5	2	3.99	< 0.5	48	146	[329]	9.38	< 10	< 1	< 0.01	< 10	1.49	330
RK98-05	205	226	< 5	< 0.2	5.47	< 2	20	< 0.5	< 2	7.69	0.5	18	39	31	3.82	30	< 1	0.01	< 10	0.59	565
RK98-06	205	226	< 5	< 0.2	2.66	< 2	50	< 0.5	< 2	1.52	< 0.5	4	105	71	1.83	< 10	< 1	0.09	10	0.64	635
RK98-10	205	226	< 5	< 0.2	0.40	56	30	< 0.5	< 2	6.43	< 0.5	36	235	46	4.66	< 10	< 1	0.03	< 10	4.17	1240
RK98-11	205	226	< 5	< 0.2	0.64	< 2	30	< 0.5	< 2	8.00	< 0.5	23	42	< 1	5.53	< 10	< 1	0.03	< 10	4.25	1245
RK98-12	205	226	< 5	< 0.2	1.01	< 2	100	< 0.5	< 2	4.09	< 0.5	33	52	6	5.86	< 10	< 1	0.18	< 10	2.96	1380
RK98-13	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
RK98-14	205	226	15	57.4	0.07	10	10	< 0.5	128	0.05	0.5	2	266	14	0.90	< 10	< 1	0.02	< 10	0.03	35
RK98-15	205	226	< 5	0.6	0.07	8	10	< 0.5	< 2	0.04	0.5	4	237	47	0.80	< 10	< 1	0.01	< 10	0.03	65
RK98-16	205	226	< 5	2.2	0.03	14	< 10	< 0.5	< 2	0.01	< 0.5	1	272	199	0.74	< 10	< 1	< 0.01	< 10	< 0.01	50
RK98-17	205	226	< 5	< 0.2	0.84	4	< 10	< 0.5	< 2	0.54	< 0.5	1	226	4	1.64	< 10	< 1	0.03	< 10	0.31	205
RK98-18	205	226	< 5	< 0.2	0.96	< 2	20	< 0.5	< 2	0.14	< 0.5	71	90	25	6.83	< 10	< 1	0.14	10	0.59	405
RK98-19	205	226	< 5	< 0.2	1.98	14	180	< 0.5	< 2	0.89	< 0.5	13	87	124	5.54	< 10	< 1	0.09	10	0.73	1165
RK98-20	205	226	< 5	0.6	1.41	< 2	70	< 0.5	< 2	0.51	< 0.5	14	170	[268]	5.48	< 10	< 1	0.04	10	0.83	775
RK98-21	205	226	< 5	< 0.2	1.76	< 2	420	< 0.5	< 2	0.09	< 0.5	9	64	86	2.68	< 10	< 1	0.10	10	1.27	3400
RK98-22	205	226	< 5	0.8	1.01	< 2	70	< 0.5	< 2	0.57	< 0.5	28	150	511	3.43	< 10	< 1	0.06	10	0.73	1130
RK98-23	205	226	< 5	< 0.2	0.37	< 2	40	< 0.5	< 2	7.26	< 0.5	7	127	1	2.85	< 10	< 1	0.01	< 10	1.67	1800
RK98-24	205	226	< 5	< 0.2	0.15	< 2	40	< 0.5	< 2	14.00	< 0.5	5	85	< 1	2.66	< 10	< 1	< 0.01	< 10	3.04	2090
RK98-25	205	226	10	< 0.2	3.44	2	90	< 0.5	< 2	2.29	< 0.5	18	140	108	4.70	< 10	< 1	< 0.01	10	1.35	1570
RK98-26	205	226	< 5	< 0.2	1.08	< 2	60	< 0.5	< 2	0.63	< 0.5	16	138	20	1.54	< 10	< 1	0.10	< 10	0.56	1360
RK98-27	205	226	< 5	< 0.2	0.76	< 2	100	< 0.5	< 2	0.45	< 0.5	11	52	20	1.39	< 10	< 1	0.18	< 10	0.39	1040
RK98-28A	205	226	< 5	0.2	4.97	< 2	60	< 0.5	2	1.68	< 0.5	65	130	370	8.29	10	< 1	0.10	< 10	3.16	1935
RK98-28B	205	226	45	< 0.2	0.04	64	10	< 0.5	6	0.01	< 0.5	1	217	2	0.89	< 10	< 1	< 0.01	< 10	0.01	25
RK98-29	205	226	< 5	1.2	2.49	6	< 10	< 0.5	16	1.99	< 0.5	45	90	2640	>15.00	< 10	< 1	0.02	< 10	0.37	270
RK98-30	205	226	20	0.6	3.10	40	30	< 0.5	< 2	1.69	< 0.5	16	94	85	12.70	10	< 1	0.10	< 10	1.26	465
RK98-31	205	226	< 5	< 0.2	2.77	< 2	10	< 0.5	< 2	1.91	0.5	21	43	121	4.72	10	< 1	0.03	< 10	1.40	590
RK98-32	205	226	400	19.6	0.18	532	10	< 0.5	Intf*	0.09	< 0.5	648	< 1	>10000	>15.00	< 10	< 1	0.01	< 10	0.08	30
RK98-33	205	226	< 5	< 0.2	1.56	< 2	70	< 0.5	12	0.61	< 0.5	29	99	2340	5.97	< 10	< 1	0.21	10	0.87	235
RK98-34	205	226	< 5	< 0.2	0.31	2	80	< 0.5	< 2	0.09	< 0.5	31	75	388	3.36	< 10	< 1	0.13	< 10	0.06	25
RK98-35	205	226	< 5	< 0.2	2.93	< 2	10	< 0.5	< 2	1.64	< 0.5	43	74	211	6.30	< 10	< 1	< 0.01	< 10	1.77	530

INDIANPT CR.

WP

19.6 gm/t Ag.
0.4 gm/t. Au

CERTIFICATION: Jan Bielle

* INTERFERENCES: Cu ON Bi AND P.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project : 98
Comments: ATTN: MARTIN PETER

Page Number : 1-B
Total Pages : 1
Certificate Date: 14-JUL-98
Invoice No. : 19823861
P.O. Number :
Account : HUW

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9823861

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
NL98RK-CLRCT	205	226	< 1	0.04	48	580	< 2	< 2	12	11	0.49	< 10	< 10	194	< 10	52
NL98RK-4+50	205	226	< 1	0.02	57	320	< 2	< 2	16	2	0.33	< 10	< 10	163	< 10	10
NLW98-2+50FLOAT	205	226	1	0.02	66	400	< 2	< 2	5	4	0.30	< 10	< 10	98	< 10	2
RK98-01	205	226	1	< 0.01	20	50	< 2	< 2	3	3	0.01	< 10	< 10	47	< 10	14
RK98-02	205	226	< 1	0.01	13	630	26	< 2	1	63	< 0.01	< 10	< 10	9	< 10	30
RK98-03	205	226	5	0.01	64	440	4	< 2	12	5	0.39	< 10	< 10	178	< 10	180
RK98-04	205	226	6	< 0.01	79	350	< 2	< 2	17	5	0.50	< 10	10	179	< 10	130
RK98-05	205	226	< 1	< 0.01	37	460	< 2	< 2	3	< 1	0.33	< 10	10	91	< 10	60
RK98-06	205	226	< 1	0.01	16	1010	2	< 2	5	121	0.12	< 10	< 10	46	< 10	56
RK98-10	205	226	< 1	< 0.01	117	20	< 2	50	28	142	< 0.01	< 10	< 10	103	< 10	42
RK98-11	205	226	< 1	< 0.01	22	240	< 2	10	20	101	< 0.01	< 10	10	125	< 10	42
RK98-12	205	226	< 1	0.01	34	400	< 2	8	29	43	< 0.01	< 10	< 10	150	< 10	46
RK98-13	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
RK98-14	205	226	< 1	< 0.01	3	< 10	7890	2	< 1	1	< 0.01	< 10	< 10	3	< 10	< 2
RK98-15	205	226	1	< 0.01	9	60	220	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	126
RK98-16	205	226	1	< 0.01	8	60	362	2	< 1	< 1	< 0.01	< 10	< 10	1	< 10	18
RK98-17	205	226	1	0.01	3	290	< 2	< 2	1	29	0.11	< 10	< 10	14	< 10	10
RK98-18	205	226	26	< 0.01	55	610	2	< 2	3	6	0.09	< 10	< 10	40	< 10	6
RK98-19	205	226	3	< 0.01	23	770	18	< 2	6	94	0.20	< 10	< 10	100	< 10	40
RK98-20	205	226	1	< 0.01	16	670	2	< 2	6	8	0.12	< 10	< 10	53	< 10	26
RK98-21	205	226	< 1	0.01	14	510	< 2	< 2	4	6	< 0.01	< 10	< 10	44	< 10	38
RK98-22	205	226	3	< 0.01	22	1660	< 2	< 2	3	10	0.04	< 10	< 10	29	< 10	14
RK98-23	205	226	< 1	< 0.01	18	130	< 2	< 2	6	53	< 0.01	< 10	< 10	41	< 10	10
RK98-24	205	226	< 1	< 0.01	16	190	< 2	< 2	7	144	< 0.01	< 10	10	36	< 10	12
RK98-25	205	226	1	< 0.01	40	780	16	< 2	8	56	0.23	< 10	< 10	149	< 10	54
RK98-26	205	226	1	< 0.01	21	130	4	< 2	5	28	0.10	< 10	< 10	21	< 10	32
RK98-27	205	226	< 1	< 0.01	27	220	4	2	5	26	0.16	< 10	< 10	12	< 10	30
RK98-28A	205	226	1	< 0.01	55	290	< 2	< 2	17	4	0.41	< 10	< 10	169	< 10	40
RK98-28B	205	226	1	< 0.01	4	< 10	8	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	< 2
RK98-29	205	226	5	< 0.01	48	60	22	4	7	1	0.37	< 10	10	106	< 10	22
RK98-30	205	226	< 1	0.03	28	470	30	< 2	8	15	0.44	< 10	< 10	188	< 10	290
RK98-31	205	226	1	0.15	35	440	< 2	< 2	7	14	0.44	< 10	< 10	149	< 10	426
RK98-32	205	226	1165	< 0.01	8	Intf*	222	< 2	< 1	1	0.01	< 10	< 10	15	< 10	418
RK98-33	205	226	9	< 0.01	34	2330	< 2	< 2	5	16	0.14	< 10	< 10	74	< 10	2
RK98-34	205	226	16	< 0.01	13	50	8	< 2	1	3	0.06	< 10	< 10	10	< 10	< 2
RK98-35	205	226	< 1	0.04	37	480	14	< 2	8	5	0.51	< 10	< 10	159	< 10	24

CERTIFICATION: Jan Bidlo

* INTERFERENCES: Cu ON Bi AND P.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

: PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: PETER MARTIN

Page Number :1-A
Total Pages :1
Certificate Date: 22-SEP-1998
Invoice No. :19831196
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9831196

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
RK98-50	205	226	-----	0.6	0.65	6	90	< 0.5	2	0.08	< 0.5	3	95	8	2.41	< 10	1	0.48	10	0.05	15
RK98-51	205	226	-----	< 0.2	1.51	10	170	< 0.5	2	0.29	< 0.5	12	70	14	2.12	< 10	< 1	0.44	10	0.65	155
RK98-52	205	226	-----	< 0.2	1.81	6	10	< 0.5	< 2	0.18	< 0.5	6	119	11	4.85	10	< 1	0.01	30	0.40	210
RK98-53	205	226	-----	0.2	0.81	146	20	< 0.5	< 2	0.03	< 0.5	19	131	37	8.28	< 10	< 1	0.03	< 10	0.32	95
RK98-54	205	226	-----	< 0.2	1.45	6	2470	< 0.5	< 2	0.06	< 0.5	6	81	27	2.27	< 10	< 1	0.23	10	0.81	80
RK98-55	205	226	-----	< 0.2	0.46	10	130	< 0.5	< 2	0.05	< 0.5	1	86	57	3.96	< 10	1	0.08	< 10	0.14	360
RK98-56	205	226	-----	1.0	0.99	48	< 10	< 0.5	< 2	0.04	53.5	145	143	1250	10.70	< 10	21	0.03	< 10	0.50	2550
RK98-57	205	226	-----	0.4	1.39	20	10	< 0.5	< 2	0.65	0.5	34	35	34	9.74	< 10	3	0.58	< 10	0.31	65
RK98-58	205	226	-----	0.2	0.90	14	30	< 0.5	< 2	0.03	< 0.5	86	39	54	9.53	< 10	1	0.55	< 10	0.09	25
RK98-59	205	226	-----	< 0.2	0.87	< 2	360	< 0.5	< 2	0.11	< 0.5	10	61	20	2.20	< 10	< 1	0.16	< 10	0.62	115
RK98-60	205	226	-----	1.6	0.11	20	70	< 0.5	< 2	0.08	< 0.5	1	189	32	3.33	< 10	1	0.01	< 10	0.07	3340
RK98-61	205	226	-----	1.2	0.17	26	200	< 0.5	< 2	< 0.01	< 0.5	2	151	31	1.96	< 10	< 1	0.04	< 10	0.01	1250
RK98-62	205	226	-----	1.4	0.57	30	60	< 0.5	2	0.03	< 0.5	1	137	12	6.09	< 10	2	0.06	< 10	0.07	525
RK98-63	205	226	-----	< 0.2	1.11	10	110	< 0.5	< 2	0.04	< 0.5	8	83	62	2.35	< 10	< 1	0.17	10	0.56	125
RK98-64	205	226	-----	0.4	0.60	14	210	< 0.5	< 2	0.11	< 0.5	7	50	5	2.04	< 10	< 1	0.39	30	0.04	50
RK98-65	205	226	-----	< 0.2	0.10	6	130	< 0.5	< 2	< 0.01	< 0.5	1	159	3	0.38	< 10	1	0.06	< 10	0.01	15
RK98-66	205	226	-----	0.6	2.23	18	20	< 0.5	< 2	0.29	< 0.5	11	41	583	>15.00	10	3	0.52	< 10	1.04	3430
RK98-67	205	226	-----	< 0.2	1.85	14	100	< 0.5	< 2	1.18	< 0.5	35	160	254	7.31	10	1	0.19	10	1.12	460
RK98-68	205	226	40	40.6	3.76	120	30	< 0.5	76	0.20	133.5	66	51	9490	9.88	10	19	0.11	< 10	1.61	980
RK98-69	205	226	90	0.2	0.93	16	< 10	< 0.5	2	0.62	0.5	642	93	21	>15.00	< 10	4	0.03	< 10	0.39	165

CERTIFICATION: Ken Fiddler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: PETER MARTIN

Certificate Date: 22-SEP-1998
Invoice No. :19831196
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9831196

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
RK98-50	205	226	1	< 0.01	4	560	30	< 2	< 1	7	< 0.01	< 10	< 10	1	< 10	20
RK98-51	205	226	3	0.01	9	580	20	4	2	11	0.10	< 10	< 10	5	< 10	44
RK98-52	205	226	3	0.09	12	670	12	2	8	15	0.06	< 10	< 10	43	< 10	74
RK98-53	205	226	2	0.01	18	220	50	8	1	5	< 0.01	< 10	< 10	51	< 10	32
RK98-54	205	226	1	< 0.01	23	330	2	4	2	33	< 0.01	< 10	< 10	26	< 10	50
RK98-55	205	226	2	< 0.01	6	340	8	< 2	1	3	< 0.01	< 10	< 10	36	< 10	74
RK98-56	205	226	< 1	< 0.01	95	390	8	< 2	2	1	0.01	< 10	< 10	283	< 10	>10000
RK98-57	205	226	4	0.01	38	2670	14	2	5	18	0.09	< 10	< 10	43	< 10	68
RK98-58	205	226	5	0.01	66	360	4	< 2	1	3	< 0.01	< 10	< 10	25	< 10	62
RK98-59	205	226	5	< 0.01	10	260	2	2	2	7	0.07	< 10	< 10	13	< 10	12
RK98-60	205	226	2	< 0.01	7	80	2	12	< 1	6	< 0.01	< 10	< 10	24	< 10	18
RK98-61	205	226	1	< 0.01	9	40	8	8	1	3	< 0.01	< 10	< 10	14	< 10	26
RK98-62	205	226	3	< 0.01	28	210	< 2	48	2	4	< 0.01	< 10	< 10	29	< 10	30
RK98-63	205	226	1	< 0.01	32	120	8	< 2	1	13	< 0.01	< 10	< 10	44	< 10	52
RK98-64	205	226	4	0.04	8	680	32	6	1	15	< 0.01	< 10	< 10	5	< 10	12
RK98-65	205	226	3	< 0.01	3	< 10	14	< 2	< 1	1	< 0.01	< 10	< 10	16	< 10	4
RK98-66	205	226	< 1	< 0.01	113	840	16	4	4	18	0.04	< 10	< 10	121	< 10	50
RK98-67	205	226	5	< 0.01	37	3800	6	6	5	30	0.07	< 10	< 10	166	< 10	20
RK98-68	205	226	< 1	< 0.01	22	560	>10000	< 2	3	21	0.07	< 10	< 10	89	< 10	>10000
RK98-69	205	226	< 1	0.01	5	110	8	< 2	1	81	0.05	< 10	< 10	31	170	66

CERTIFICATION: Ian Fuchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: PETER MARTIN

Page Number :2-A
Total Pages :2
Certificate Date: 29-JUL-98
Invoice No. :I9825376
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9825376

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
SL98-06	201	202	< 0.2	2.87	< 2	130	< 0.5	< 2	1.15	< 0.5	16	58	29	4.12	< 10	< 1	0.03	< 10	0.90	530	1
ST98-01	201	202	0.2	3.99	< 2	70	0.5	< 2	1.57	< 0.5	24	71	50	4.97	10	< 1	0.05	< 10	1.38	1125	2
ST98-02	201	202	< 0.2	3.30	8	140	< 0.5	< 2	1.33	< 0.5	20	85	44	4.15	10	< 1	0.05	10	1.12	920	2
ST98-03	201	202	< 0.2	3.56	10	130	0.5	< 2	1.48	< 0.5	28	91	51	5.13	10	< 1	0.05	< 10	1.49	1205	2
ST98-04	201	202	< 0.2	2.42	6	260	< 0.5	< 2	1.15	< 0.5	19	90	41	3.58	< 10	< 1	0.05	10	0.95	1200	1
ST98-05	201	202	< 0.2	2.82	4	170	< 0.5	< 2	1.66	< 0.5	21	89	37	3.84	< 10	< 1	0.04	< 10	1.20	765	1
ST98-06	201	202	< 0.2	3.91	< 2	170	< 0.5	< 2	2.04	< 0.5	29	94	55	5.01	10	< 1	0.04	< 10	2.22	1245	2
ST98-07	201	202	< 0.2	3.44	< 2	160	< 0.5	2	1.77	< 0.5	26	72	47	4.01	< 10	< 1	0.04	< 10	1.32	1415	1
ST98-08	201	202	< 0.2	3.10	2	360	< 0.5	< 2	1.80	< 0.5	31	104	61	4.77	< 10	< 1	0.05	< 10	1.58	1380	1
ST98-09	201	202	< 0.2	3.59	16	470	0.5	< 2	1.42	0.5	30	110	51	5.22	10	< 1	0.06	10	1.21	4960	2
ST98-10	201	202	< 0.2	4.66	< 2	110	< 0.5	< 2	2.51	< 0.5	28	80	54	5.73	10	< 1	0.04	< 10	2.34	1115	3
ST98-11	201	202	< 0.2	3.84	< 2	490	0.5	< 2	1.61	< 0.5	21	74	66	4.33	10	< 1	0.06	10	1.35	1240	1
ST98-12	201	202	0.2	3.18	< 2	410	0.5	< 2	1.19	3.0	18	51	32	3.59	< 10	< 1	0.08	30	0.78	2790	3
ST98-13	201	202	< 0.2	2.94	10	600	< 0.5	< 2	1.28	0.5	15	65	48	3.40	< 10	< 1	0.09	10	0.98	1015	2
ST98-14	201	202	< 0.2	3.18	< 2	450	0.5	< 2	1.32	0.5	24	64	40	4.06	< 10	< 1	0.11	30	1.12	2290	2
ST98-15	201	202	< 0.2	3.42	8	420	0.5	< 2	1.44	0.5	19	93	52	4.04	< 10	< 1	0.06	20	1.10	1225	2
ST98-16	201	202	< 0.2	2.98	6	270	< 0.5	< 2	1.38	< 0.5	20	99	51	3.80	< 10	< 1	0.04	20	0.98	1005	2
ST98-17	201	202	< 0.2	2.08	6	280	< 0.5	< 2	1.12	< 0.5	17	47	28	3.26	< 10	< 1	0.09	10	0.90	2010	1
ST98-18	201	202	< 0.2	3.09	4	190	< 0.5	< 2	1.52	< 0.5	18	64	41	3.75	< 10	< 1	0.04	< 10	1.18	755	1
ST98-19	201	202	< 0.2	3.66	20	340	< 0.5	< 2	1.44	< 0.5	28	84	41	5.54	10	< 1	0.04	< 10	1.75	2500	2
ST98-20	201	202	< 0.2	2.51	6	560	0.5	< 2	1.05	0.5	21	77	83	3.60	< 10	< 1	0.05	20	0.87	2400	2
ST98-21	201	202	< 0.2	3.48	< 2	160	0.5	< 2	1.18	< 0.5	31	73	38	4.82	< 10	< 1	0.04	< 10	1.22	2280	2
ST98-22	201	202	< 0.2	4.20	6	110	0.5	< 2	1.29	< 0.5	25	91	36	4.86	10	< 1	0.04	< 10	1.41	1085	2
ST98-23	201	202	0.2	4.29	< 2	100	0.5	< 2	1.64	< 0.5	34	90	49	5.81	10	< 1	0.06	< 10	1.70	1840	1
ST98-24	201	202	< 0.2	5.09	< 2	120	0.5	< 2	1.46	< 0.5	37	137	55	6.89	10	< 1	0.06	< 10	1.60	1750	2
ST98-25	201	202	0.2	2.57	8	90	< 0.5	< 2	0.98	< 0.5	22	90	45	3.86	< 10	< 1	0.06	< 10	1.36	880	2
ST98-26	201	202	0.2	1.72	28	150	< 0.5	< 2	0.75	1.5	33	63	73	4.88	< 10	< 1	0.04	10	0.76	1995	3
ST98-27	201	202	< 0.2	3.39	24	860	0.5	< 2	1.10	1.5	35	75	91	5.80	< 10	< 1	0.09	20	1.25	8770	4
ST98-28	201	202	< 0.2	3.07	32	900	0.5	< 2	1.08	2.0	56	59	53	8.17	10	< 1	0.07	30	0.81	>10000	6
ST98-29	201	202	0.4	2.31	< 2	310	< 0.5	< 2	1.58	0.5	12	73	43	2.57	< 10	< 1	0.06	10	0.93	640	2
ST98-30	201	202	< 0.2	3.71	< 2	270	< 0.5	< 2	1.69	< 0.5	32	79	43	5.19	10	< 1	0.05	< 10	1.72	1710	1
ST98-31	201	202	< 0.2	3.52	< 2	420	0.5	< 2	1.65	< 0.5	27	72	63	4.73	10	< 1	0.07	10	1.38	1830	2
ST98-32	201	202	0.2	3.80	< 2	290	0.5	< 2	1.61	0.5	26	84	66	5.16	10	< 1	0.06	< 10	1.33	1520	2
ST98-33	201	202	< 0.2	3.92	2	300	0.5	< 2	1.73	< 0.5	32	76	52	5.41	10	< 1	0.05	< 10	1.80	2160	2
ST98-34	201	202	< 0.2	3.66	< 2	330	0.5	< 2	1.45	< 0.5	27	88	66	4.92	10	< 1	0.10	20	1.70	1235	2
ST98-35	201	202	< 0.2	3.38	< 2	230	0.5	< 2	1.06	0.5	28	89	49	4.78	10	< 1	0.08	10	1.45	1295	1
ST98-36	201	202	< 0.2	1.94	6	270	< 0.5	< 2	0.53	< 0.5	24	49	40	4.16	< 10	< 1	0.13	30	1.00	1385	1

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: PETER MARTIN

Page Number :2-B
Total Pages :2
Certificate Date: 29-JUL-98
Invoice No. :19825376
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9825376

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
SL98-06	201	202	< 0.01	34	510	2	< 2	7	12	0.40	< 10	< 10	149	< 10	68
ST98-01	201	202	0.01	47	820	2	< 2	14	31	0.44	< 10	< 10	165	< 10	104
ST98-02	201	202	< 0.01	44	650	4	< 2	16	28	0.27	< 10	< 10	128	< 10	76
ST98-03	201	202	< 0.01	51	490	4	< 2	16	24	0.36	< 10	< 10	163	< 10	76
ST98-04	201	202	< 0.01	50	560	4	< 2	14	23	0.21	< 10	< 10	98	< 10	66
ST98-05	201	202	< 0.01	61	680	4	< 2	12	25	0.24	< 10	< 10	113	< 10	70
ST98-06	201	202	< 0.01	81	410	2	< 2	12	23	0.35	< 10	< 10	149	< 10	86
ST98-07	201	202	< 0.01	47	630	4	< 2	11	36	0.31	< 10	< 10	134	< 10	148
ST98-08	201	202	< 0.01	94	400	4	< 2	15	18	0.23	< 10	< 10	128	< 10	70
ST98-09	201	202	< 0.01	77	660	6	< 2	17	26	0.21	< 10	< 10	130	< 10	118
ST98-10	201	202	0.01	66	380	2	< 2	13	24	0.48	< 10	< 10	172	< 10	90
ST98-11	201	202	< 0.01	47	790	4	< 2	13	31	0.33	< 10	< 10	139	< 10	82
ST98-12	201	202	< 0.01	35	830	14	< 2	9	36	0.20	< 10	< 10	88	< 10	172
ST98-13	201	202	< 0.01	46	770	8	< 2	11	30	0.20	< 10	< 10	90	< 10	104
ST98-14	201	202	< 0.01	50	790	16	< 2	11	31	0.20	< 10	< 10	99	< 10	130
ST98-15	201	202	< 0.01	49	760	6	< 2	19	32	0.27	< 10	< 10	128	< 10	72
ST98-16	201	202	< 0.01	50	740	6	< 2	20	26	0.24	< 10	< 10	129	< 10	58
ST98-17	201	202	< 0.01	36	730	12	< 2	8	24	0.21	< 10	< 10	84	< 10	64
ST98-18	201	202	< 0.01	42	500	4	< 2	11	25	0.33	< 10	< 10	127	< 10	76
ST98-19	201	202	< 0.01	59	350	6	< 2	10	17	0.37	< 10	< 10	189	< 10	104
ST98-20	201	202	< 0.01	52	650	6	< 2	15	26	0.17	< 10	< 10	109	< 10	86
ST98-21	201	202	< 0.01	50	500	2	< 2	11	14	0.36	< 10	< 10	159	< 10	108
ST98-22	201	202	< 0.01	54	630	2	< 2	14	21	0.35	< 10	< 10	154	< 10	98
ST98-23	201	202	< 0.01	57	530	6	< 2	16	29	0.42	< 10	< 10	183	< 10	98
ST98-24	201	202	< 0.01	67	570	4	< 2	20	26	0.46	< 10	< 10	219	< 10	106
ST98-25	201	202	< 0.01	51	580	14	< 2	6	24	0.40	< 10	< 10	84	< 10	74
ST98-26	201	202	< 0.01	136	810	222	< 2	7	27	0.15	< 10	< 10	56	< 10	220
ST98-27	201	202	< 0.01	76	740	20	< 2	14	32	0.20	< 10	< 10	116	< 10	196
ST98-28	201	202	< 0.01	65	910	20	< 2	13	38	0.16	< 10	< 10	143	< 10	278
ST98-29	201	202	< 0.01	54	1490	4	< 2	8	36	0.19	< 10	< 10	83	< 10	164
ST98-30	201	202	< 0.01	57	320	2	< 2	11	23	0.47	< 10	< 10	169	< 10	80
ST98-31	201	202	< 0.01	48	520	6	< 2	13	29	0.42	< 10	< 10	165	< 10	112
ST98-32	201	202	< 0.01	50	570	6	< 2	14	24	0.42	< 10	< 10	184	< 10	92
ST98-33	201	202	< 0.01	57	370	2	< 2	11	31	0.48	< 10	< 10	189	< 10	102
ST98-34	201	202	< 0.01	65	700	6	< 2	13	31	0.33	< 10	< 10	141	< 10	119
ST98-35	201	202	< 0.01	61	540	6	< 2	11	18	0.32	< 10	< 10	133	< 10	98
ST98-36	201	202	< 0.01	53	790	16	< 2	5	24	0.09	< 10	< 10	62	< 10	104

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: MARTIN PETER

Page Number :1-A
Total Pages :2
Certificate Date: 22-SEP-1998
Invoice No. :19831200
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9831200

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
EL 0+25	201 202	< 0.2	1.81	8	200	< 0.5	< 2	0.47	< 0.5	4	36	7	2.44	< 10	< 1	0.03	10	0.36	145	< 1
EL 0+50	201 202	< 0.2	2.30	8	320	0.5	< 2	0.91	< 0.5	15	84	95	2.41	< 10	< 1	0.04	10	0.57	555	1
EL 1+00	201 202	< 0.2	2.27	6	120	< 0.5	< 2	0.36	< 0.5	6	48	13	3.38	< 10	< 1	0.02	< 10	0.42	155	< 1
EL 1+25	201 202	< 0.2	2.34	8	260	< 0.5	< 2	0.87	< 0.5	16	67	41	2.87	< 10	< 1	0.03	10	0.97	450	< 1
EL 1+75	201 202	< 0.2	2.58	6	280	< 0.5	< 2	0.73	< 0.5	12	67	29	3.26	10	< 1	0.05	10	0.84	345	< 1
EL 2+00	201 202	< 0.2	2.03	10	300	< 0.5	< 2	0.69	< 0.5	10	56	29	2.44	< 10	< 1	0.07	10	0.49	400	1
EL 2+25	201 202	< 0.2	3.18	4	350	< 0.5	< 2	0.90	< 0.5	21	90	56	3.96	< 10	< 1	0.09	10	0.92	1260	< 1
EL 2+50	201 202	< 0.2	2.55	6	330	< 0.5	< 2	0.95	< 0.5	16	85	61	3.63	< 10	< 1	0.05	20	1.01	680	< 1
EL 2+75	201 202	< 0.2	2.36	2	260	< 0.5	< 2	0.65	< 0.5	15	70	47	3.04	< 10	< 1	0.05	20	0.81	480	< 1
EL 3+00	201 202	0.2	2.08	< 2	150	< 0.5	< 2	0.54	< 0.5	9	58	32	2.88	< 10	< 1	0.05	10	0.64	275	< 1
ML 0+25	201 202	0.2	2.49	< 2	180	< 0.5	< 2	0.57	< 0.5	8	61	16	4.02	< 10	< 1	0.03	10	0.66	375	< 1
ML 0+50	201 202	0.2	2.68	< 2	130	< 0.5	< 2	0.57	< 0.5	8	62	13	4.00	< 10	< 1	0.04	10	0.58	305	< 1
ML 0+75	201 202	0.2	2.43	4	150	< 0.5	< 2	0.53	< 0.5	11	61	18	3.56	< 10	< 1	0.04	10	0.73	385	< 1
ML 1+00	201 202	< 0.2	2.97	< 2	270	< 0.5	< 2	0.41	< 0.5	11	61	19	4.07	< 10	< 1	0.03	10	0.69	315	< 1
ML 1+25	201 202	< 0.2	2.57	< 2	190	< 0.5	< 2	0.42	< 0.5	10	62	17	4.53	< 10	< 1	0.03	10	0.71	390	< 1
ML 1+50	201 202	0.2	2.48	< 2	210	< 0.5	< 2	0.45	< 0.5	10	60	13	4.63	< 10	< 1	0.01	< 10	0.66	270	< 1
ML 1+75	201 202	< 0.2	2.04	< 2	140	< 0.5	< 2	0.50	< 0.5	8	54	15	4.23	< 10	< 1	0.04	< 10	0.57	230	< 1
ML 2+00	201 202	< 0.2	2.24	2	180	< 0.5	< 2	0.59	< 0.5	11	55	26	3.97	< 10	< 1	0.02	< 10	0.72	300	< 1
SL 98-50	201 202	< 0.2	2.82	< 2	120	0.5	< 2	0.73	< 0.5	24	117	62	6.95	< 10	< 1	0.07	10	0.92	425	< 1
SR 0+50	201 202	0.2	2.73	2	160	< 0.5	< 2	0.64	< 0.5	10	58	16	4.36	< 10	< 1	0.04	10	0.63	320	< 1
SR 1+00	201 202	< 0.2	2.79	< 2	200	< 0.5	< 2	0.88	< 0.5	12	61	27	3.55	< 10	< 1	0.06	10	0.84	340	< 1
SR 1+50	201 202	0.2	2.28	< 2	100	< 0.5	< 2	0.47	< 0.5	10	60	20	3.52	< 10	< 1	0.05	10	0.70	290	< 1
SR 2+00	201 202	< 0.2	3.01	12	200	< 0.5	< 2	0.72	< 0.5	18	85	35	4.33	< 10	< 1	0.03	10	1.08	470	< 1
SR 2+50	201 202	< 0.2	2.71	8	150	< 0.5	< 2	0.82	< 0.5	23	74	53	3.90	< 10	< 1	0.04	10	0.91	710	< 1
SR 3+00	201 202	< 0.2	3.38	< 2	320	0.5	< 2	0.82	< 0.5	25	105	139	4.01	< 10	< 1	0.05	40	0.88	720	< 1
SR 3+50	201 202	< 0.2	2.72	< 2	190	< 0.5	< 2	0.94	< 0.5	23	86	80	3.92	< 10	< 1	0.04	20	1.23	760	< 1
SR 4+00	201 202	< 0.2	4.00	6	280	0.5	< 2	0.86	< 0.5	34	88	128	4.77	< 10	< 1	0.06	10	1.22	915	< 1
SR 4+50	201 202	< 0.2	3.07	< 2	120	< 0.5	< 2	0.76	< 0.5	18	58	31	3.65	< 10	< 1	0.03	< 10	0.97	475	< 1
SR 5+00	201 202	< 0.2	2.52	< 2	150	< 0.5	< 2	0.95	< 0.5	22	74	39	4.24	< 10	< 1	0.04	10	0.98	795	< 1
ST 98-50	201 202	< 0.2	2.99	< 2	160	< 0.5	< 2	1.87	< 0.5	19	64	65	3.55	< 10	< 1	0.04	< 10	1.13	1235	< 1
ST 98-51	201 202	0.2	1.72	8	160	< 0.5	< 2	0.53	< 0.5	19	50	19	3.85	< 10	< 1	0.04	10	0.79	1495	< 1
ST 98-52	201 202	< 0.2	1.91	2	200	< 0.5	< 2	0.70	< 0.5	15	39	31	3.12	< 10	< 1	0.11	30	0.74	655	< 1
ST 98-53	201 202	< 0.2	2.05	14	160	< 0.5	< 2	0.83	< 0.5	18	52	31	3.40	< 10	< 1	0.11	30	0.92	885	< 1
ST 98-54	201 202	< 0.2	1.83	40	220	< 0.5	< 2	0.50	< 0.5	24	30	25	3.80	< 10	< 1	0.15	30	0.55	3280	1
ST 98-55	201 202	< 0.2	2.04	6	170	< 0.5	< 2	1.04	< 0.5	16	47	29	3.31	< 10	< 1	0.09	20	0.93	740	< 1
ST 98-56	201 202	< 0.2	2.07	6	260	< 0.5	< 2	1.17	< 0.5	18	53	42	3.48	< 10	< 1	0.08	10	0.98	805	1
ST 98-57	201 202	< 0.2	2.67	8	940	< 0.5	< 2	0.77	< 0.5	20	60	52	3.52	< 10	< 1	0.05	10	1.07	1915	< 1
ST 98-58	201 202	< 0.2	2.13	2	300	< 0.5	< 2	0.86	< 0.5	16	38	32	3.15	< 10	< 1	0.07	10	0.83	940	< 1
ST 98-59	201 202	< 0.2	2.03	20	280	< 0.5	< 2	0.84	< 0.5	15	38	33	3.12	< 10	< 1	0.09	20	0.78	975	< 1
ST 98-60	201 202	< 0.2	2.14	< 2	170	< 0.5	< 2	0.79	< 0.5	18	54	32	3.85	< 10	< 1	0.10	30	1.14	955	< 1

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: MARTIN PETER

Page Number :1-B
Total Pages :2
Certificate Date: 22-SEP-1998
Invoice No. :19831200
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9831200

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
EL 0+25	201	202	< 0.01	12	300	8	< 2	3	8	0.19	< 10	< 10	74	< 10	40
EL 0+50	201	202	< 0.01	41	580	8	< 2	18	17	0.13	< 10	< 10	85	< 10	68
EL 1+00	201	202	< 0.01	17	470	6	< 2	3	7	0.16	< 10	< 10	70	< 10	42
EL 1+25	201	202	< 0.01	47	390	4	< 2	10	9	0.22	< 10	< 10	83	< 10	52
EL 1+75	201	202	< 0.01	37	480	8	< 2	6	14	0.18	< 10	< 10	80	< 10	84
EL 2+00	201	202	< 0.01	26	540	10	< 2	5	16	0.16	< 10	< 10	68	< 10	58
EL 2+25	201	202	< 0.01	48	840	10	2	13	25	0.15	< 10	< 10	92	< 10	106
EL 2+50	201	202	< 0.01	46	530	6	2	13	21	0.23	< 10	< 10	89	< 10	88
EL 2+75	201	202	< 0.01	34	410	8	< 2	8	16	0.15	< 10	< 10	71	< 10	80
EL 3+00	201	202	< 0.01	29	570	8	< 2	5	10	0.15	< 10	< 10	74	< 10	60
ML 0+25	201	202	< 0.01	24	1450	2	2	4	10	0.19	< 10	< 10	90	< 10	72
ML 0+50	201	202	< 0.01	21	610	4	< 2	4	12	0.21	< 10	< 10	82	< 10	66
ML 0+75	201	202	< 0.01	30	560	4	< 2	4	11	0.20	< 10	< 10	75	< 10	66
ML 1+00	201	202	< 0.01	30	490	< 2	2	4	8	0.16	< 10	< 10	73	< 10	136
ML 1+25	201	202	< 0.01	28	760	2	< 2	4	7	0.16	< 10	< 10	81	< 10	96
ML 1+50	201	202	< 0.01	24	640	4	< 2	3	8	0.18	< 10	< 10	87	< 10	110
ML 1+75	201	202	< 0.01	23	1020	4	2	3	8	0.20	< 10	< 10	102	< 10	48
ML 2+00	201	202	< 0.01	31	300	6	< 2	4	10	0.21	< 10	< 10	82	< 10	58
SL 98-50	201	202	< 0.01	54	610	2	< 2	15	24	0.19	< 10	< 10	163	< 10	86
SR 0+50	201	202	< 0.01	25	1210	< 2	2	4	12	0.19	< 10	< 10	86	< 10	108
SR 1+00	201	202	< 0.01	35	510	< 2	2	6	17	0.23	< 10	< 10	88	< 10	70
SR 1+50	201	202	< 0.01	31	400	6	< 2	4	9	0.16	< 10	< 10	74	< 10	76
SR 2+00	201	202	< 0.01	53	550	< 2	< 2	6	13	0.20	< 10	< 10	88	< 10	82
SR 2+50	201	202	< 0.01	64	580	8	< 2	10	20	0.19	< 10	< 10	79	< 10	86
SR 3+00	201	202	< 0.01	69	590	6	< 2	19	26	0.15	< 10	< 10	87	< 10	120
SR 3+50	201	202	< 0.01	58	320	2	2	12	19	0.22	< 10	< 10	89	< 10	76
SR 4+00	201	202	< 0.01	95	510	10	< 2	10	18	0.21	< 10	< 10	97	< 10	154
SR 4+50	201	202	< 0.01	42	430	2	< 2	5	11	0.24	< 10	< 10	85	< 10	84
SR 5+00	201	202	< 0.01	39	650	4	< 2	6	19	0.23	< 10	< 10	101	< 10	92
ST 98-50	201	202	< 0.01	39	590	< 2	< 2	15	30	0.28	< 10	< 10	116	< 10	104
ST 98-51	201	202	< 0.01	40	460	6	< 2	4	23	0.16	< 10	< 10	53	< 10	98
ST 98-52	201	202	< 0.01	42	540	14	< 2	5	32	0.11	< 10	< 10	44	< 10	90
ST 98-53	201	202	< 0.01	44	510	14	< 2	5	33	0.16	< 10	< 10	58	< 10	80
ST 98-54	201	202	< 0.01	38	630	22	2	3	34	0.05	< 10	< 10	35	< 10	152
ST 98-55	201	202	< 0.01	43	510	10	< 2	5	33	0.18	< 10	< 10	63	< 10	78
ST 98-56	201	202	< 0.01	51	710	10	< 2	6	41	0.15	< 10	< 10	64	< 10	118
ST 98-57	201	202	< 0.01	48	580	4	< 2	9	34	0.13	< 10	< 10	84	< 10	154
ST 98-58	201	202	< 0.01	34	580	14	2	6	25	0.14	< 10	< 10	64	< 10	106
ST 98-59	201	202	< 0.01	40	560	14	< 2	5	36	0.11	< 10	< 10	52	< 10	108
ST 98-60	201	202	< 0.01	59	590	14	< 2	4	44	0.08	< 10	< 10	44	< 10	108

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: MARTIN PETER

Certificate Date: 22-SEP-1998
Invoice No. :19831200
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9831200

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
ST 98-61	201	202	< 0.2	2.55	10	230	< 0.5	2	1.54	< 0.5	20	64	44	3.65	< 10	< 1	0.06	10	1.20	985	1
ST 98-62	201	202	< 0.2	2.81	14	190	0.5	2	1.30	< 0.5	25	62	44	4.84	< 10	< 1	0.08	10	1.09	1545	1
ST 98-63	201	202	< 0.2	1.65	20	530	< 0.5	< 2	0.61	1.0	15	40	43	2.99	< 10	< 1	0.06	10	0.86	575	3
WL 0+25	201	202	< 0.2	2.25	10	230	< 0.5	< 2	0.62	< 0.5	14	62	18	5.26	10	< 1	0.03	< 10	0.57	1230	3
WL 0+50	201	202	0.2	1.87	12	170	< 0.5	< 2	0.49	< 0.5	7	48	13	3.47	< 10	< 1	0.03	10	0.46	295	1
WL 0+75	201	202	0.2	2.21	12	140	< 0.5	< 2	0.64	< 0.5	10	51	19	3.23	< 10	< 1	0.04	10	0.59	315	< 1
WL 1+00	201	202	< 0.2	2.33	6	180	< 0.5	< 2	0.58	< 0.5	8	55	16	3.35	< 10	< 1	0.02	10	0.66	305	1
WL 1+25	201	202	< 0.2	3.00	14	160	< 0.5	2	0.66	< 0.5	13	63	21	3.71	< 10	< 1	0.02	< 10	0.73	255	3
WL 1+50	201	202	< 0.2	2.63	12	210	< 0.5	4	0.53	< 0.5	10	65	25	3.74	10	< 1	0.03	10	0.68	255	< 1
WL 1+75	201	202	< 0.2	2.72	6	200	< 0.5	2	0.54	< 0.5	14	77	30	3.47	10	< 1	0.05	10	0.90	475	2
WL 2+00	201	202	< 0.2	2.76	8	210	0.5	< 2	0.58	< 0.5	15	78	36	3.41	10	< 1	0.03	10	0.79	335	2
WL 2+25	201	202	< 0.2	2.45	4	280	< 0.5	< 2	0.82	< 0.5	15	89	47	3.17	< 10	< 1	0.05	10	0.87	1165	2
WR 0+50	201	202	< 0.2	1.99	12	200	< 0.5	< 2	0.49	< 0.5	9	43	14	2.84	< 10	< 1	0.04	10	0.44	330	1
WR 1+00	201	202	< 0.2	2.74	22	120	< 0.5	< 2	0.83	< 0.5	15	66	27	3.81	< 10	< 1	0.05	10	0.90	455	2
WR 1+50	201	202	< 0.2	2.74	6	120	< 0.5	< 2	0.66	< 0.5	13	70	24	4.21	< 10	< 1	0.04	10	0.89	420	1
WR 2+00	201	202	< 0.2	2.76	10	130	< 0.5	< 2	0.66	< 0.5	12	60	20	3.62	< 10	< 1	0.03	10	0.81	305	1
WR 2+50	201	202	0.2	2.87	8	180	< 0.5	< 2	0.75	< 0.5	13	64	20	3.86	< 10	< 1	0.02	< 10	0.79	345	< 1
WR 3+00	201	202	< 0.2	2.97	2	160	< 0.5	< 2	0.73	< 0.5	17	66	27	4.24	< 10	< 1	0.03	< 10	0.87	425	2
WR 3+50	201	202	0.2	2.53	10	180	< 0.5	< 2	0.69	< 0.5	12	52	23	3.55	< 10	< 1	0.03	< 10	0.73	350	1
WR 4+00	201	202	< 0.2	3.05	4	140	< 0.5	< 2	0.73	< 0.5	13	64	23	4.42	10	< 1	0.03	< 10	0.80	340	< 1
WR 4+50	201	202	< 0.2	2.98	< 2	170	< 0.5	< 2	0.78	< 0.5	16	59	21	3.56	< 10	< 1	0.05	10	0.78	440	< 1
WR 5+00	201	202	< 0.2	3.19	8	160	< 0.5	< 2	0.72	< 0.5	12	58	21	3.71	< 10	< 1	0.04	10	0.75	340	< 1

CERTIFICATION: Ian Ruddock

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project :
Comments: ATTN: MARTIN PETER

Certificate Date: 22-SEP-1998
Invoice No. :I9831200
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9831200

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ST 98-61	201	202	< 0.01	51	890	12	< 2	8	49	0.25	< 10	< 10	92	< 10	128
ST 98-62	201	202	< 0.01	46	840	10	< 2	10	27	0.21	< 10	< 10	101	< 10	122
ST 98-63	201	202	< 0.01	47	730	8	< 2	4	32	0.08	< 10	< 10	48	< 10	138
WL 0+25	201	202	< 0.01	21	1740	6	< 2	4	11	0.22	< 10	< 10	129	< 10	74
WL 0+50	201	202	< 0.01	20	930	6	< 2	3	10	0.17	< 10	< 10	87	< 10	70
WL 0+75	201	202	< 0.01	30	820	14	2	4	12	0.20	< 10	< 10	79	< 10	68
WL 1+00	201	202	< 0.01	26	430	6	< 2	4	10	0.20	< 10	< 10	84	< 10	54
WL 1+25	201	202	< 0.01	37	480	2	< 2	4	13	0.22	< 10	< 10	82	< 10	64
WL 1+50	201	202	< 0.01	33	460	8	2	5	11	0.21	< 10	< 10	97	< 10	56
WL 1+75	201	202	< 0.01	40	390	8	2	6	12	0.16	< 10	< 10	85	< 10	72
WL 2+00	201	202	< 0.01	35	360	6	< 2	9	12	0.17	< 10	< 10	93	< 10	64
WL 2+25	201	202	< 0.01	47	350	8	< 2	12	19	0.18	< 10	< 10	83	< 10	64
WR 0+50	201	202	< 0.01	19	550	4	2	3	10	0.18	< 10	< 10	77	< 10	72
WR 1+00	201	202	< 0.01	39	620	6	2	5	13	0.28	< 10	< 10	98	< 10	88
WR 1+50	201	202	< 0.01	38	490	6	2	4	12	0.26	< 10	< 10	94	< 10	80
WR 2+00	201	202	< 0.01	38	580	6	< 2	4	14	0.21	< 10	< 10	79	< 10	82
WR 2+50	201	202	< 0.01	35	550	< 2	< 2	5	10	0.26	< 10	< 10	101	< 10	86
WR 3+00	201	202	< 0.01	41	630	2	4	5	10	0.28	< 10	< 10	100	< 10	100
WR 3+50	201	202	< 0.01	36	600	8	< 2	4	10	0.21	< 10	< 10	83	< 10	86
WR 4+00	201	202	< 0.01	37	930	4	< 2	5	11	0.22	< 10	< 10	98	< 10	94
WR 4+50	201	202	< 0.01	35	570	2	< 2	5	17	0.23	< 10	< 10	81	< 10	84
WR 5+00	201	202	< 0.01	33	510	2	< 2	5	15	0.21	< 10	< 10	80	< 10	80

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project : LOT
Comments: ATTN: MARTIN PETER

Page Number :1-A
Total Pages :1
Certificate Date: 14-OCT-1998
Invoice No. :19833081
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9833081

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
SL98-100	201	202	0.2	2.60	4	440	< 0.5	< 2	0.27	< 0.5	10	59	21	4.42	< 10	< 1	0.06	10	0.68	365	2
SL98-101	201	202	0.2	2.41	6	600	< 0.5	< 2	0.25	< 0.5	8	53	22	4.71	< 10	< 1	0.06	10	0.50	240	1
SL98-102	201	202	0.2	3.05	6	830	0.5	< 2	0.25	< 0.5	15	67	49	4.72	< 10	< 1	0.05	10	0.70	365	1
ST98-100	201	202	< 0.2	2.10	< 2	320	< 0.5	< 2	1.21	< 0.5	13	50	36	2.73	< 10	< 1	0.04	< 10	0.91	670	1
ST98-101	201	202	0.2	2.71	6	620	< 0.5	< 2	1.00	< 0.5	22	58	26	5.40	10	< 1	0.05	< 10	1.33	1495	3

CERTIFICATION: Hawkfield

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PETER, MARTIN **

2787 MOUNT SEYMOUR PKWY.
NORTH VANCOUVER, BC
V7H 1E8

Project : LOT
Comments: ATTN: MARTIN PETER

Page Number :1-B
Total Pages :1
Certificate Date: 14-OCT-1998
Invoice No. :19833081
P.O. Number :
Account :HUW

CERTIFICATE OF ANALYSIS A9833081

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
SL98-100	201	202	< 0.01	29	620	10	< 2	4	13	0.16	< 10	< 10	84	< 10	152
SL98-101	201	202	< 0.01	24	970	10	2	4	11	0.12	< 10	< 10	88	< 10	182
SL98-102	201	202	< 0.01	53	560	12	< 2	5	11	0.16	< 10	< 10	85	< 10	124
ST98-100	201	202	< 0.01	41	460	2	< 2	7	22	0.26	< 10	< 10	91	< 10	56
ST98-101	201	202	< 0.01	48	770	6	< 2	10	18	0.36	< 10	< 10	134	< 10	126

CERTIFICATION: Stuart Fichler