BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	2000/2001
REPORT #:	PAP 00-44
NAME:	EDWARD FREY

Rec'd 02/10/01 P93

D. TECHNICAL REPORT

- One technical report to be completed for each project area.
- **Refer to Program Regulations 15 to 17, pages 6 and 7.**

BRITISH COLUMBIA
Ministry of Energy and Mines
Energy and Minerals Division

Information on this form is confidential subject to the provisions of the *Freedom of Information Act.*

SUMMARY OF RESULTS

- This summary section must be filled out by all grantees, one for each project area

Name EDWARD O. FREY Reference Number 2000/2001 P93

LOCATION/COMMODITIES

Project Area (as listed in Part A) NEWHYKULSTON CREEK MINFILE No. if applicable N/A

Location of Project Area NTS 92 P/8 ~Lat 51° 18' 30" N ~Long 120° 04' 15" W

Description of Location and Access ~3 KM NORTHEAST OF CHINOOK MOUNTAIN, ~15 km NORTH-NORTHEAST OF BARRIERE. ACCESS BY GENER LAKE, LEONIE LAKE AND NEWHYKULSTON CREEK FOREST ACCESS ROADS, AND FOOT TRAVERSES

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)

DARIA DUBA: M.Sc. (GEOLOGY) McGILL UNIV., EXTENSIVE GOLD AND BASE METAL EXPLORATION EXPERIENCE IN B.C., SASK., NEVADA AND WASHINGTON.

Main Commodities Searched For GOLD - IN PLUTON-RELATED SHEETED VEINS (FT. KNOX) OR SHEAR & FISSURE REPLACEMENT QUARTZ VEINS (PEGO).

Known Mineral Occurrences in Project Area NONE. ANOMALOUS GOLD IN SEDIMENTS OF NEWHYKULSTON CREEK AND IN LODGEMENT TILL IN THE CREEK VALLEY

WORK PERFORMED

1. Conventional Prospecting (area) } ~425 hectares
2. Geological Mapping (hectares/scale) } 1:5,000
3. Geochemical (type and no. of samples) 55 ROCK + 25 STREAM SEDIMENT (2 FRACTIONS EACH)
4. Geophysical (type and line km) NIL +4 Ag ASSAYS /30g Au (FA/AA) + 28 ELEMENT ICP, ROCK & SEDIMENTS
5. Physical Work (type and amount) 1.2 km ROAD CLEARING
6. Drilling (no. holes, size, depth in m, total m) NIL
7. Other (specify) ONE 50 ha PLACER & TWO UNITS MINERAL CLAIMS STAKED

Best Discovery

Project/Claim Name NEWHYKULSTON CREEK Commodities SILVER, LEAD

Location (show on map) Lat. ~51° 18' 55" N Long 120° 04' 45" W Elevation ~1487 m

Best assay/sample type 109.6 g/t SILVER & 5650 ppm LEAD IN FLOAT: ANGULAR, HEAVY CLAST ~20 x 12 x 5 cm, SAMPLE NRE 36

Description of mineralization, host rocks, anomalies WHITE VEIN (WIDTH >5cm) QUARTZ, MEDIUM - COARSE GRAINED, ~3% FINE GRAINED PYRITE AND GALENA, DISSEMINATED AND IN CLOTS TO 5mm, RARE COARSE GRAINED GALENA TO 5mm.

FEEDBACK: comments and suggestions for Prospector Assistance Program

MAINTAIN IT FOR THE FUTURE OF MINING IN B.C.!

D. TECHNICAL REPORT (continued)

REPORT ON RESULTS

BRITISH COLUMBIA
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Energy and Minerals Division

- Those submitting a copy of an Assessment Report or a report of similar quality that covers all the key elements listed below are not required to fill out this section.
- Refer to Program Regulation 17D on page 6 for details before filling this section out (use extra pages if necessary)
- **Supporting data must be submitted with the following TECHNICAL REPORT or any report accepted in lieu of.**

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

Name EDWARD O. FREY Reference Number 2000/2001 P93

1. LOCATION OF PROJECT AREA [Outline clearly on accompanying maps of appropriate scale.]

SEE ATTACHED REPORT

2. PROGRAM OBJECTIVE [Include original exploration target.]

SEE ATTACHED REPORT

3. PROSPECTING RESULTS [Describe areas prospected and significant outcrops/float encountered. Mineralization must be described in terms of specific minerals and how they occur. These details must be shown on accompanying map(s) of appropriate scale; prospecting traverses should be clearly marked.]

SEE ATTACHED REPORT

5. GEOPHYSICAL RESULTS [Specify the objective of the survey, the method used and the work done. Discuss the results and show the data on an accompanying map of appropriate scale. Any anomalous areas must be indicated on maps by the use of contouring, or some other suitable technique.]

N/A

5. OTHER RESULTS [**Drilling** - describe objective, type and amount of drilling done. Discuss results, including any significant intersections obtained. Indicate on a map of appropriate scale the drill-hole collar location, the angle of inclination and azimuth. Drill logs correlated with assay results must be included. **Physical Work** - describe the type and amount of physical work done and the reasons for doing it (where not self-evident). This includes lines/grids, trails, trenches, opencuts, undergound work, reclamation, staking of claims, etc. Discuss results where pertinent.]

DRILLING N/A

PHYSICAL WORK - SEE ATTACHED REPORT

Signature of Grantee E. A. Fay Date 31 JAN. 2001

E.D. Frey - Reference Number 2000/2001 P93

PROSPECTING REPORT FORM

D. REPORT ON RESULTS

1. Location of Project Area - The project area (Fig.1) is approximately 15 km north-northeast of the town of Barriere and 85 km north of Kamloops. It is on the upper western slope of the Adams Plateau. Newhykulston Creek and its parallel branch (~one kilometre north), drain the area into the North Thompson River, six kilometres westward.

2. Program Objective - The program objective was to find the bedrock source of the gold mineralization discovered by the B.C Geological Survey in Newhykulston Creek stream sediments and in a lodgement till sample in the stream valley (Fig.2).

Recent stream sediment sampling by the B.C. Geological Survey (Lett & Jackaman, 2000; Lett, et al., 2000) yielded highly anomalous gold, to 3130 ppb in stream sediments and 59,600 ppb in a heavy mineral concentrate (Fig.2). Earlier BCGS lodgement till and stream sediment sampling within 170 m downstream from these anomalies (Figs.2, 2a) yielded 62 and 247 ppb gold, respectively (Bobrowsky et al.,1998; Jackaman et al., 1992). Prospecting by Frey and Duba to 800 m up-ice (northwest) from the BCGS till sample site did not find a probable source of it (Frey, 2000). Additional prospecting of a larger area to the north and northeast also was inconclusive (Frey, 2000, Map CM-4).

The gold in the stream sediments may have been derived from erosion of the pre-drainage till cover of the present deeply incised valley of Newhykulston Creek (~300 m/km gradient). Locally, the deposition of that till may have been by **eastward** iceflow, controlled by preglacial topography, suggesting a source in metavolcanic rocks of the Fennell Formation, downstream and further west-northwest.

Another possible source is the unnamed granodiorite stock, an apophysis(?) of the Cretaceous Baldy Batholith (10 km to the northeast) that intrudes mafic metavolcanic flows of the Fennell Formation in this area. Frey (2000, Map CM-4) mapped part of its western contact and prospected part of its poorly exposed occurrence northeast of the anomalous samples. Assessment mapping by BP Minerals and Inco (Fig.2; Casselman & Cameron, 1994; Farmer & Hoffman, 1987) identified an outcrop of the stock 1.9 km south of the BCGS sample sites.

@ @ @ @ @

The program objective originally had a second component: geophysical and prospecting/mapping surveys to follow-up the 1999 copper mineralization discovered in float by Frey and Duba (Frey, 2000). That work was not pursued in 2000 due to employment on consulting projects in Ontario in September and October. That work is now planned for spring 2001, with private funding.

3. Prospecting Results (Figs.2, 2a & b)

Prospecting focused on the drainage slopes and uplands north and south of Newhykulston Creek, upstream from its junction with the Newhykulston Creek forest access road. The area also includes most of the apparent outcrop area of the granodiorite stock, from Newhykulston Creek north to several hundred metres north of its north branch. Both stream beds were prospected eastward from their road intersections to the contact of the stock and the Fennell Formation.

The small outcrops of the stock south of Newhykulston Creek, noted in Section 2, are now established as limited to that area. Newhykulston Creek follows most of the southern contact of the main body of the stock. (Fig.2)

The outcrop distribution of the stock between Newhykulston Creek and its north branch is more extensive than observed previously (Frey, 2000, Map CM-4). Most of the "new" outcrops follow the crest of a break in slope of the Newhykulston Creek valley.

The only visual mineralization discovered in the program is minor chalcopyrite, pyrite and bornite in boulder float near the north end of the stock area and minor galena and pyrite in vein quartz float in the north branch of Newhykulston Creek.

The former (Sample NRE25) occurs in fine grained to coarsely megacrystic (to 2 cm) granodiorite, pale white with dull orange feldspar weathering. The granodiorite contains numerous unmineralized aplitic to medium grained quartz-feldspar veins to 2 cm width (Sample NRE4). Neither sample yielded anomalous gold, however the gold content of the vein sample is eight times that of its host: 40 vs. 5 ppb. Prospecting area of numerous float boulders north and north west of this occurrence did not locate its source.

The galena-bearing quartz float in the north branch of Newhykulston Creek yielded a similar range of gold, 30 to 85 ppb, and significantly anomalous silver and lead (see Section 4). Prospecting the creek bed and adjacent uplands did not locate the source.

Prospecting in the Fennell Formation west and south of the stock did not find mineralization.

4. Geochemical Results (Figs.2, 2a & b)

Seventy samples of in situ bedrock, float and stream sediments were collected and analyzed geochemically in an attempt to identify areas of anomalous gold or its pathfinder elements. A secondary objective in the north branch of Newhykulston Creek was to define a prospecting area for the source of anomalous silver and lead discovered earlier in the project.

Bedrock: 55 hand samples (34 float) were analyzed from those collected during traverses across the area and along the beds of Newhykulston Creek and the north branch of Newhykulston Creek. All were analyzed for gold (FA/AA; 30g) and 28 other elements (ICP). Four quartz vein float samples from the north branch of Newhykulston Creek that yielded >30 ppm Ag (ICP) were also assayed for silver.

With the exception of the silver-lead discovery, the overall results from bedrock analyses are poor. Only a few samples yielded slightly geochemically elevated quantities of gold or base metals. As noted below, the stream sediment sample results confirm the presence of anomalous gold in the drainage of Newhykulston Creek. It's source remains unknown. Continuing stream sediment sampling upstream would help focus additional exploration, however the deeply incised valley and it's overburden covered slopes would require extensive mechanical excavation for thorough exploration.

In the north branch of Newhykulston Creek angular clasts of "heavy," white to grey, medium to coarse grained, vein quartz are thinly dispersed for about 800 m in the stream bed. They range from 8 to 30 cm length and 4 to 15 cm in apparent vein width. Most are unmineralized, the rest contain 1to 3% fine grained pyrite+/-chalcopyrite and galena. The most signifcant results are:

	ppb Au	g/t Ag	(----------ppm----------) Pb	Cu	Zn	Mo	
NRE26	55	73.0	3784	9	<1	30	
NRE36	35	109.6	5650	23	4	90	
NRE37	85	43.5	2108	12	2	34	
NRE41	35	14.2*	948	8	14	689	*note 14.2 **ppm** Ag
NRE47	30	92.5	6558	<1	26	30	

Stream Sediments: Stream sediments (Samples NST9a to NST20a and NST21 to NST23 were collected at thirteen sites in Newhykulston Creek and two sites in the north branch of Newhykulston Creek by wet sieving through a 20 mesh screen. Two size fractions: -80+200 mesh and -200 mesh of each -20 mesh sample were analyzed in the same manner as the bedrock samples. In addition, three bulk samples of stream sediment were collected for future heavy mineral analysis. Reference samples of +20 and -20 mesh were retained from each site for future examination of gold grain shape.

Newhykulston Creek was sampled upstream for 500 m, at intervals of 50 m from its intersection with the Newhykulston Creek forest access road, the site of the BCGS anomalous gold in till sample. Additional sites on Newhykulston Creek replicated the BCGS sampling that yielded 3130 ppb Au in stream stream sediments and 59,600 ppb Au from a heavy mineral concentrate. Anomalous results (ppb gold) are:

	-80+200 mesh	-200 mesh	upstream distance (m)
NST20a	135	30	27
	59,600 (BCGS HM concentrate)		
NST9a	5	180	50
NST10a	300	65	100
NST15a	5	100	325
	3130 (BCGS)		
NST16a	115	90	350
NST18a	30	515	450

5. Geophysical Results - N/A

6. Other Results

Drilling - N/A

Physical Work - The lower part of an otherwise open, **abandoned logging road** (Fig.2) was blocked by alder and aspen that had been bowed over the road by snow. Hand-clearing of 1.2 km with an ax allowed 4WD truck use of the road. Road access greatly facilitated stream sediment sampling of the upper reaches of Newhykulston Creek, its north branch and prospecting the area between the two creeks.

Four two-post mineral claim units and one 50 ha placer claim were staked to straddle a portion of Newhykulston Creek and a small area south of it (Figs.3 & 4). The northern units and the placer claim were staked to cover the gold-bearing stream sediments target and its possible near-source host rocks. The southern units were part of a planned expansion into an area of anticipated additonal outcrop of the felsic stock.

The eastern units and the placer claim were staked during the prospecting.

REFERENCES

Bobrowsky, P.T., Paulen, R., Little, E., Prebble, A., Ledwon, A. and R. Lett (1998): Till geochemistry of the Louis Creek - Chu Chua Creek Area (NTS 92P/1E and 92P/8E). B.C. Ministry of Energy and Mines, Open File 1998-6, 26p. & appendices.

Casselman, S. and B. Cameron (1994): 1994 Geological, geophysical and lithogeochemical report on the CM Property, Barriere, B.C. Inco Limited, Assessment Report 23,653.

Farmer, R., and S.J. Hoffman (1987): Assessment Report. Linecutting, Geophysics, Geochemistry, Geology and Diamond Drilling on the CM 1-6 Mineral Claims. BP Minerals Limited, Assessment Report 16,596.

Frey, E.D. (2000): B.C. Prospectors Assistance Program Report. Reference No. 99/2000/P136.

Jackaman, W., Matysek, P.F. and S.J. Cook (1992): British Columbia regional geochemical survey, NTS 92P - Bonaparte Lake, stream sediment and water geochemical data. B.C. Ministry of Energy, Mines and Petroleum Resources, Preliminary Report RGS 36.

Lett, R. and W. Jackaman (2000): Geochemical exploration techniques for intrusive hosted gold deposits in southern B.C. (82M/4, M/5, M/6 and 82F/7); in Geological Fieldwork 1999, B.C. Ministry of Energy and Mines, Paper 2000-1.

Lett, R., Jackaman, W. and L. Englund (2000): Stream geochemical exploration for pluton-related quartz-vein gold deposits in southern British Columbia (NTS 82M/4, 5, 6; 92P/8; 82F/7). B.C. Ministry of Energy and Mines, Open File 2000-23.

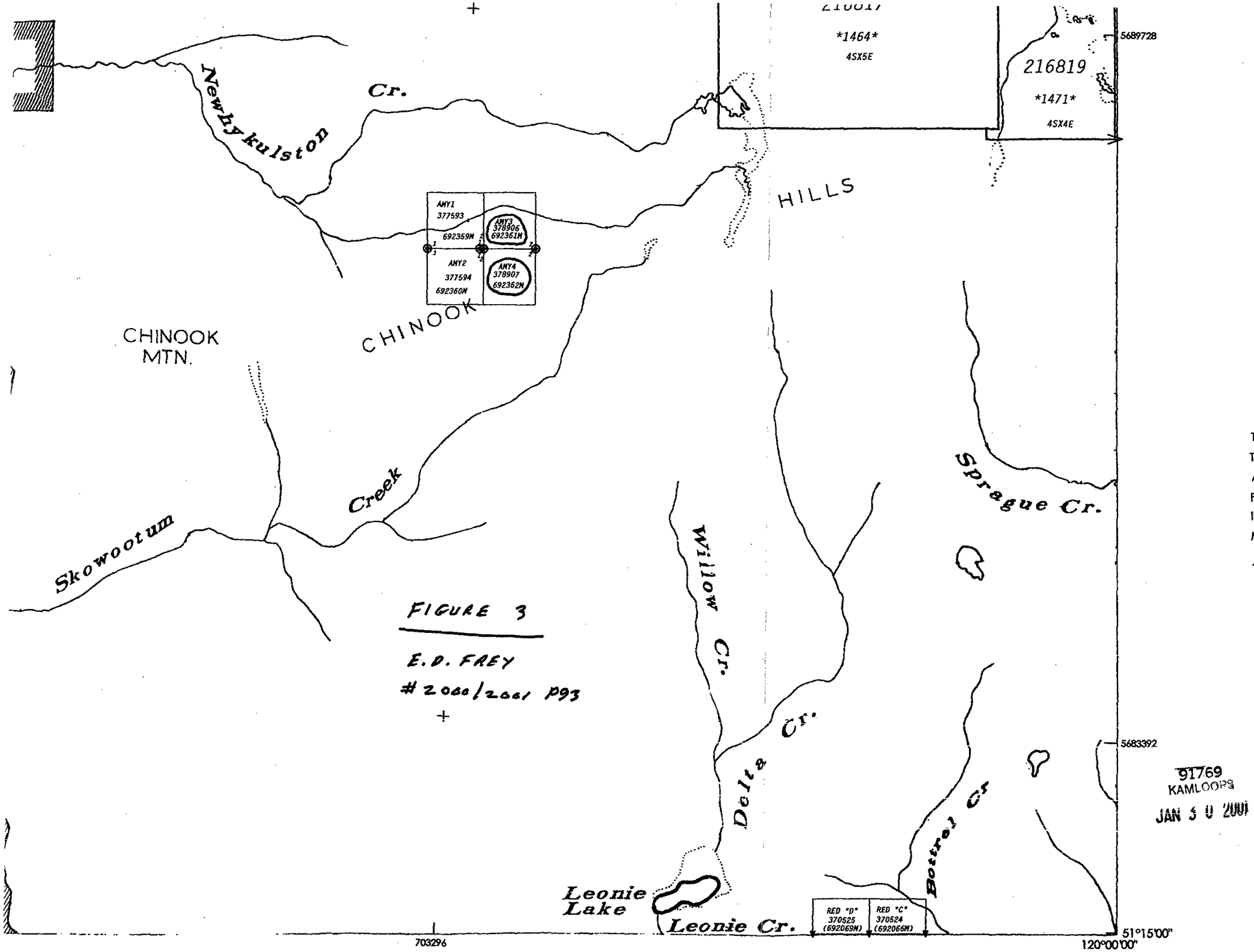

FIGURE 3

E.D. FREY

#2000/2001 p93

+

LEGAL POST

WITNESS POST

FORFEITED TENURE

VERIFIED

SURVEYED

REVERTED C.G. MINERAL CLAIM — REV CG OR RCG

CROWN GRANTED — C G

OPEN FOR STAKING — O.F.S.

1 UNIT	2 POST CLAIM	OLD 2 POST CLAIM
1640.42 ft	1640.42 ft	1500 ft
25 ha 61.78 ac	25 ha 61.78 ac	20.90 ha 51.65 ac
500 m	500 m	457.2 m

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

SCALE: 1:31,680

092P09W	092P09E	082M12W
092P08W	092P08E	082M05W
092P01W	092P01E	082M04W

INDEX TO ADJOINING MAPS

M 092P08E

PLACER RESERVE
B.C. REG.173/96, 05 JUL 96
NO STAKING

Newbykulston Cr.

CHERYL
378908
P87239
1
2

CHINOOK
MTN.

CHINOOK

HILLS

Creek

Skowootum

FIGURE 4
E. FREY
#2000/2001 P93

PLACER CLAIM AREA NO. 5

5689728

Sprague Cr.

Willow Cr.

Delta Cr.

Bottrel Cr.

5683392

Leonie Lake

Leonie Cr.

703296

51°15'00"
120°00'00"

LEGAL POST
WITNESS POST
FORFEITED TENURE
VERIFIED
SURVEYED

PLACER LEASES
PLACER CLAIMS

1640.42 ft
1000 m
50 ha
123.56 ac
500 m

PLACER MI
LEASES

1500 ft
91.4 m
41.80 ha
113.30 a
457.2 m

THIS MAP IS PREPARED ONLY AS A GUIDE
TO THE LOCATION OF PLACER TENURE AS
AS SHOWN ON THE LOCATOR'S SKETCHE
FOR CURRENT OR MORE SPECIFIC
INFORMATION, APPLICATION SHOULD BE
MADE TO THE MINING DIVISION CONCER

SCALE 1:31,680

092P09W	092P09E	082M12V
092P08W	092P08E	082M05V
092P01W	092P01E	082M04V

INDEX TO ADJOINING MAPS

P 092P08E

18-Jul-00

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-133

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 6
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE - 1	85	<0.2	0.52	<5	85	<5	0.19	<1	6	100	4	1.44	40	0.35	373	<1	0.03	4	490	10	<5	<20	9	0.13	<10	23	<10	16	36
2	NRE - 2	10	<0.2	0.97	<5	125	15	0.68	<1	12	103	3	2.39	20	0.76	390	<1	0.05	11	1150	10	10	<20	36	0.18	<10	56	<10	10	39
3	NRE - 3	20	<0.2	0.26	<5	20	<5	0.09	<1	2	97	3	0.75	<10	0.12	200	1	0.03	4	130	16	<5	<20	2	0.04	<10	11	<10	12	13
4	NRE - 4	40	<0.2	0.28	<5	55	<5	0.38	<1	3	83	2	0.66	10	0.16	141	<1	0.04	2	140	12	<5	<20	20	0.04	<10	13	<10	8	13
5	NRE - 5	25	<0.2	0.09	15	100	<5	0.03	<1	<1	142	3	0.46	<10	<0.01	102	6	0.01	5	60	10	<5	<20	4	<0.01	<10	2	<10	<1	5
6	NRE - 6	35	<0.2	0.64	60	185	25	3.28	<1	41	17	7	8.16	<10	1.36	1736	6	0.02	26	880	6	<5	<20	107	<0.01	<10	43	<10	4	75
QC DATA:																														
Resplit:																														
1	NRE - 1	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	NRE - 1	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO'00		130	0.8	1.79	70	150	10	1.60	<1	20	61	83	3.70	<10	0.91	688	<1	0.02	26	730	24	20	<20	59	0.12	<10	77	<10	9	77

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Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/143
XLS/00

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ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ANALYSIS AK 2000-139

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

1-Aug-00

ATTENTION: ED FREY

No. of samples received: 15
Sample type: Sediment
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

		Mesh Weights(g)			Au (ppb)	
ET #.	**Tag #**	***Total***	**-80+200**	**-200**	**Mesh: -80+200**	**Mesh: - 200**
1	NST 9 a	1593	67	18	5	180
2	NST 10 a	1757	64	22	300	65
3	NST 11 a	1753	53	18	5	15
4	NST 12 a	1639	47	11	<5	30
5	NST 13 a	1930	107	45	10	5
6	NST 14 a	1873	38	15	<5	25
7	NST 15 a	1941	53	15	5	100
8	NST 16 a	1866	56	13	115	90
9	NST 17 a	1756	46	13	5	20
10	NST 18 a	1872	33	12	30	515
11	NST 19 a	1616	40	17	5	20
12	NST 20 a	1784	36	9	135	30
13	NST 21	1749	78	92	5	10
14	NST 22	1471	137	43	5	35
15	NST 23	1277	84	67	5	10

ED FREY AK 2000-139 1-Aug-00

ET #.	Tag #	Mesh Weights(g) Total	-80+200	-200	Au (ppb) Mesh: -80+200	Mesh: - 200
QC DATA:						
Repeat:						
5	NST 13 a	1930	107	45	5	-
13	NST 21	1749	78	92	-	10
14	NST 22	1471	137	43	5	-
Standard:						
GEO '00					-	110

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

XLS/00

3-Aug-00

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
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Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-139

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 15
Sample type: Sediment
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Mesh Weights (g)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NST 9 a	-80+200	<0.1	1.46	5	65	20	0.68	<1	18	54	30	2.71	<10	0.84	361	<1	0.01	24	570	20	10	<20	14	0.23	<10	71	<10	20	80
2	NST 10 a	-80+200	<0.1	1.55	10	65	15	0.70	<1	19	56	25	2.75	<10	0.88	385	<1	0.01	27	600	12	5	<20	14	0.23	<10	71	<10	19	52
3	NST 11 a	-80+200	<0.1	1.51	5	60	20	0.68	<1	19	61	24	2.75	<10	0.89	367	<1	0.01	28	580	10	10	<20	14	0.23	<10	71	<10	18	46
4	NST 12 a	-80+200	<0.1	1.54	5	65	20	0.68	<1	19	55	25	2.71	<10	0.90	387	<1	0.01	26	540	10	10	<20	14	0.24	<10	71	<10	20	49
5	NST 13 a	-80+200	<0.1	1.55	10	60	20	0.70	<1	19	58	25	2.65	<10	0.89	401	<1	0.01	28	540	12	10	<20	12	0.25	<10	71	<10	21	49
6	NST 14 a	-80+200	<0.1	1.57	<5	65	15	0.72	<1	19	56	27	2.80	<10	0.88	405	<1	0.01	27	550	10	10	<20	14	0.24	<10	74	<10	20	46
7	NST 15 a	-80+200	<0.1	1.62	10	60	20	0.71	<1	20	56	25	2.77	<10	0.94	405	<1	0.01	28	520	10	10	<20	11	0.26	<10	74	<10	21	44
8	NST 16 a	-80+200	<0.1	1.61	15	60	20	0.71	<1	19	53	27	2.69	<10	0.87	425	<1	0.01	25	530	10	10	<20	10	0.24	<10	71	<10	21	44
9	NST 17 a	-80+200	<0.1	1.59	10	70	15	0.71	<1	19	50	26	2.53	<10	0.86	429	<1	0.01	25	520	10	10	<20	15	0.24	<10	68	<10	20	43
10	NST 18 a	-80+200	<0.1	1.65	10	65	15	0.72	<1	20	56	27	2.84	<10	0.90	423	<1	0.01	27	520	10	10	<20	16	0.25	<10	75	<10	20	45
11	NST 19 a	-80+200	<0.1	1.69	10	70	20	0.74	<1	19	51	29	2.48	<10	0.86	466	<1	0.02	27	540	10	15	<20	15	0.22	<10	67	<10	20	44
12	NST 20 a	-80+200	<0.1	1.52	<5	60	20	0.69	<1	18	57	23	2.82	<10	0.87	377	<1	0.01	25	600	10	10	<20	15	0.22	<10	73	<10	18	43
13	NST 21	-80+200	<0.1	1.55	<5	55	25	0.65	<1	21	52	27	2.50	<10	0.98	396	<1	0.01	28	450	8	10	<20	6	0.29	<10	67	<10	23	44
14	NST 22	-80+200	<0.1	1.46	10	85	20	0.65	<1	19	49	22	2.69	<10	0.87	450	<1	0.01	24	630	36	10	<20	15	0.25	<10	67	<10	20	46
15	NST 23	-80+200	<0.1	1.96	10	95	25	0.73	<1	25	62	32	2.92	<10	1.13	637	<1	0.01	34	430	14	10	<20	11	0.27	<10	77	<10	21	62
16	NST 9 a	-200	<0.1	1.73	15	90	15	0.85	<1	16	49	34	2.31	<10	0.66	477	<1	0.02	23	830	12	10	<20	21	0.17	<10	60	<10	23	45
17	NST 10 a	-200	<0.1	1.84	20	100	15	0.91	<1	16	54	34	2.36	<10	0.68	493	<1	0.02	26	900	14	10	<20	22	0.17	<10	62	<10	24	46
18	NST 11 a	-200	<0.1	1.68	20	85	10	0.82	<1	15	53	30	2.17	<10	0.61	440	<1	0.02	25	790	10	<5	<20	20	0.16	<10	56	<10	21	40
19	NST 12 a	-200	<0.1	1.86	20	95	15	0.87	<1	16	53	34	2.33	<10	0.68	499	<1	0.02	26	830	12	10	<20	20	0.18	<10	61	<10	23	45
20	NST 13 a	-200	<0.1	1.88	15	100	15	0.90	<1	17	52	37	2.20	<10	0.68	562	<1	0.02	26	800	12	5	<20	21	0.17	<10	59	<10	27	47
21	NST 14 a	-200	<0.1	1.95	15	105	10	0.95	<1	17	50	37	2.23	<10	0.66	572	<1	0.02	25	840	12	10	<20	23	0.17	<10	59	<10	25	47
22	NST 15 a	-200	<0.1	1.86	15	95	20	0.88	<1	17	49	34	2.26	<10	0.67	504	<1	0.02	25	770	10	5	<20	23	0.19	<10	60	<10	24	45
23	NST 16 a	-200	<0.1	1.87	20	95	15	0.89	<1	18	50	35	2.35	<10	0.71	511	<1	0.02	25	780	12	<5	<20	22	0.20	<10	63	<10	24	48
24	NST 17 a	-200	<0.1	1.81	15	90	15	0.88	<1	17	46	34	2.14	<10	0.65	531	<1	0.02	24	770	12	10	<20	17	0.18	<10	58	<10	25	45
25	NST 18 a	-200	<0.1	1.95	20	100	10	0.90	<1	17	48	36	2.18	<10	0.68	544	<1	0.02	25	690	10	5	<20	21	0.18	<10	59	<10	25	46

ED FREY

ICP CERTIFICATE OF ANALYSIS AK 2000-139

3-Aug-00

Et #	Tag #	Mesh Weights (g)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	NST 19 a	-200	<0.1	2.00	20	100	10	0.93	<1	17	48	38	2.14	<10	0.69	585	<1	0.02	25	700	12	10	<20	22	0.18	<10	58	<10	25	48
27	NST 20 a	-200	<0.1	1.81	20	95	15	0.92	<1	16	55	34	2.38	<10	0.68	510	<1	0.02	26	970	12	10	<20	21	0.16	<10	61	<10	23	45
28	NST 21	-200	<0.1	1.98	5	105	25	0.83	<1	22	56	38	2.56	<10	0.85	544	<1	0.02	30	650	14	10	<20	14	0.29	<10	70	<10	29	59
29	NST 22	-200	0.5	1.54	20	135	20	0.76	<1	17	42	27	2.40	<10	0.57	664	<1	0.01	21	860	64	<5	<20	18	0.17	<10	56	<10	25	49
30	NST 23	-200	<0.1	2.05	20	140	15	0.81	<1	23	56	40	2.64	<10	0.85	757	<1	0.01	31	580	16	10	<20	15	0.21	<10	68	<10	24	66

QC DATA:

Repeat:

1	NST 9 a		<0.1	1.47	10	60	20	0.68	<1	18	54	24	2.75	<10	0.83	365	<1	0.01	24	580	14	<5	<20	12	0.25	<10	71	<10	20	53
10	NST 18 a		<0.1	1.62	5	65	25	0.72	<1	20	54	27	2.73	<10	0.89	412	<1	0.01	26	500	12	10	<20	13	0.25	<10	74	<10	21	44
19	NST 12 a		<0.1	1.83	20	95	10	0.88	<1	16	52	33	2.31	<10	0.66	497	<1	0.02	26	840	12	5	<20	18	0.17	<10	61	<10	24	45

Standard:

GEO'00			1.2	1.79	60	150	10	1.59	<1	20	57	82	3.66	<10	0.94	687	<1	0.02	24	690	22	15	<20	55	0.11	<10	76	<10	13	74

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df/139
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21-Jul-00

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-140

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 7
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE 7	30	<0.2	1.70	<5	180	20	0.86	<1	19	78	21	3.01	20	1.23	426	<1	0.09	18	1690	22	10	<20	44	0.35	<10	90	<10	15	49
2	NRE 8	10	<0.2	1.74	<5	275	20	0.79	<1	23	189	21	2.97	10	1.67	434	<1	0.03	67	1630	18	20	<20	28	0.31	<10	84	<10	13	45
3	NRE 9	40	<0.2	1.32	<5	110	15	0.93	<1	15	66	14	2.73	20	0.99	391	<1	0.04	10	1670	16	10	<20	36	0.23	<10	73	<10	13	48
4	NRE 10	30	<0.2	0.50	<5	75	<5	0.14	<1	5	67	3	1.36	30	0.30	353	<1	0.03	2	490	10	<5	<20	1	0.12	<10	21	<10	23	35
5	NRE 11	25	<0.2	0.87	<5	40	10	0.71	<1	19	144	32	2.49	<10	0.26	2404	<1	0.02	64	670	14	<5	<20	16	0.09	<10	47	<10	10	60
6	NRE 12	45	<0.2	0.49	<5	60	5	0.28	<1	6	77	2	1.27	10	0.33	228	<1	0.04	7	440	8	<5	<20	13	0.09	<10	27	<10	9	18
7	NRE 14	15	<0.2	0.04	<5	5	<5	0.01	<1	1	165	2	0.37	<10	<0.01	75	4	<0.01	3	20	<2	<5	<20	<1	<0.01	<10	1	<10	<1	8
QC DATA:																														
Resplit:																														
1	NRE 7	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	NRE 7	25	<0.2	1.72	10	180	20	0.86	<1	19	81	21	3.05	20	1.25	428	<1	0.09	18	1700	22	20	<20	39	0.35	<10	90	<10	18	50
Standard:																														
GEO'00		130	0.8	1.79	70	150	10	1.60	<1	20	61	83	3.70	<10	0.91	688	<1	0.02	26	730	24	20	<20	59	0.12	<10	77	<10	9	77

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df/143
XLS/00

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ENVIRONMENTAL TESTING

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email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2000-189

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

4-Aug-00

ATTENTION: ED FREY

No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Ed. Frey

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
10	NRE 26	73.0	2.13

QC DATA:

Standard:

MP1a	69.0	2.01

XLS/00

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3-Aug-00

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-189

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Ed. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE 16	15	<0.2	0.55	55	130	5	0.11	<1	5	87	8	1.41	<10	0.42	178	<1	0.03	5	310	12	5	<20	18	0.07	<10	27	<10	5	30
2	NRE 17	5	<0.2	1.11	85	160	15	0.68	<1	12	95	6	2.40	20	0.81	552	<1	0.05	12	1050	10	10	<20	43	0.17	<10	55	<10	12	45
3	NRE 19	<5	<0.2	0.77	40	195	15	0.26	<1	7	117	4	1.63	10	0.53	336	<1	0.04	9	410	10	10	<20	28	0.12	<10	40	<10	9	38
4	NRE 20	5	<0.2	0.56	30	50	10	0.32	<1	6	102	4	1.28	<10	0.39	231	<1	0.05	6	510	10	<5	<20	18	0.10	<10	28	<10	12	21
5	NRE 21	10	<0.2	0.75	20	65	15	0.76	<1	8	106	5	1.74	10	0.57	341	<1	0.05	8	630	18	5	<20	30	0.11	<10	40	<10	11	33
6	NRE 22	5	<0.2	0.25	20	15	<5	0.06	<1	2	96	5	0.56	<10	0.07	118	2	0.03	2	60	12	<5	<20	4	0.01	<10	5	<10	3	6
7	NRE 23	<5	<0.2	0.03	10	5	<5	0.03	<1	1	198	67	0.99	<10	0.01	71	6	<0.01	4	40	<2	<5	<20	2	<0.01	<10	1	<10	<1	2
8	NRE 24	5	<0.2	1.10	15	20	15	1.04	<1	29	64	94	2.40	<10	0.87	293	<1	0.06	48	700	10	15	<20	7	0.23	<10	70	<10	25	19
9	NRE 25	5	<0.2	0.48	10	140	10	1.10	<1	6	91	4	1.58	10	0.34	326	<1	0.04	6	440	10	<5	<20	59	0.06	<10	23	<10	8	27
10	NRE 26	55	>30	<0.01	5	15	130	0.12	<1	1	160	9	0.74	<10	<0.01	51	30	<0.01	3	<10	3784	<5	<20	4	<0.01	<10	<1	<10	<1	<1
11	NRE 27	5	<0.2	1.92	<5	50	30	1.02	<1	46	61	58	4.54	<10	1.89	408	<1	0.02	56	300	26	20	<20	93	0.25	<10	151	<10	10	28
12	NRE 28	<5	<0.2	0.03	10	<5	<5	<0.01	<1	<1	177	5	0.29	<10	<0.01	46	4	<0.01	3	20	8	<5	<20	<1	<0.01	<10	<1	<10	<1	1
QC DATA:																														
Resplit:																														
1	NRE 16	15	<0.2	0.56	55	130	10	0.11	<1	5	96	8	1.48	<10	0.42	185	<1	0.03	6	320	14	5	<20	15	0.07	<10	28	<10	4	31
Repeat:																														
1	NRE 16	10	<0.2	0.55	80	130	5	0.11	<1	4	90	8	1.43	<10	0.42	180	<1	0.03	5	330	14	5	<20	17	0.07	<10	27	<10	5	30
Standard:																														
GEO'00		115	1.2	1.74	70	155	15	1.58	<1	19	66	83	3.58	<10	0.90	664	<1	0.02	25	730	24	10	<20	61	0.11	<10	74	<10	11	72

ECO-TECH LABORATORIES LTD.
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df/187
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2-Aug-00

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-194

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 2
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE29	15	0.1	1.78	80	340	25	1.23	1	23	230	13	2.95	10	1.94	435	<1	0.05	72	2400	16	20	<20	38	0.28	<10	73	<10	21	43
2	NRE33	5	0.1	1.55	<5	185	30	0.92	<1	17	86	22	3.22	20	1.11	439	<1	0.05	11	1790	20	10	<20	45	0.30	<10	92	<10	24	56
QC DATA:																														
Resplit:																														
1	NRE29	10	0.1	1.78	75	330	20	1.29	<1	23	233	12	2.97	10	1.97	444	<1	0.06	72	2410	16	25	<20	38	0.28	<10	74	<10	21	46
Repeat:																														
1	NRE33	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO STD		115	1.6	1.76	55	165	<5	1.57	1	19	60	87	3.74	<10	0.94	681	<1	0.02	24	750	24	15	<20	66	0.11	<10	75	<10	13	74

df/193
XLS/00

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email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2000-252

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

13-Sep-00

ATTENTION: ED FREY

No. of samples received: 5
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
1	NRE36	109.6	3.20
2	NRE37	43.5	1.27

QC DATA:

Standard:

Mpla	70.0	2.04

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XLS/00

11-Sep-00

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
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V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-252

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 5
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE36	55	>30	0.02	<5	15	205	0.08	1	3	223	23	1.63	<10	<0.01	57	90	<0.01	7	<10	5650	<5	<20	6	<0.01	<10	<1	<10	<1	4
2	NRE37	35	>30	<0.01	<5	5	85	0.10	<1	2	203	12	0.82	<10	<0.01	95	34	<0.01	7	<10	2108	<5	<20	<1	<0.01	<10	<1	<10	<1	2
3	NRE38	85	0.6	0.62	80	95	<5	0.51	<1	6	80	6	1.10	10	0.31	239	2	<0.01	8	300	58	<5	<20	23	<0.01	<10	3	<10	18	18
4	NRE39	40	0.4	0.49	35	135	5	0.80	<1	5	102	4	1.32	10	0.27	321	3	0.01	7	360	36	<5	<20	40	<0.01	<10	3	<10	8	23
5	NRE40	20	1.6	0.02	<5	40	<5	0.02	1	1	241	17	0.40	<10	<0.01	92	17	<0.01	8	10	112	<5	<20	2	<0.01	<10	<1	<10	<1	52
QC DATA:																														
Resplit:																														
1	NRE36	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	NRE36	-	>30	0.01	5	10	200	0.07	<1	3	228	20	1.63	<10	<0.01	54	91	<0.01	7	<10	5614	<5	<20	2	<0.01	<10	<1	<10	<1	3
Standard:																														
GEO'00		110	1.0	1.76	50	155	10	1.56	<1	19	58	86	3.49	<10	0.91	663	<1	0.02	25	690	26	10	<20	60	0.11	<10	75	<10	9	70

df/254
XLS/00

ECO-TECH LABORATORIES LTD.
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email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2000-385

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

4-Dec-00

ATTENTION: ED FREY

No. of samples received: 23
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
6	NRE47	92.5	2.70

ECO-TECH LABORATORIES LTD.
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B.C. Certified Assayer

XLS/00

30-Nov-00

ECO-TECH LABORATORIES LTD.
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 2000-385

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 23
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE41	35	14.2	0.03	<5	30	30	0.04	<1	1	148	8	0.52	<10	<0.01	72	689	<0.01	4	20	998	<5	<20	1	<0.01	<10	9	<10	<1	14
2	NRE42	20	7.6	0.30	<5	60	170	0.08	<1	2	144	<1	0.89	<10	0.07	173	13	0.03	6	220	460	<5	<20	19	<0.01	<10	8	<10	2	16
3	NRE43	10	9.4	0.07	<5	10	25	0.04	<1	1	177	<1	0.77	<10	0.02	61	56	0.01	6	50	484	<5	<20	4	<0.01	<10	2	<10	<1	6
4	NRE45	15	5.6	0.01	<5	<5	10	<0.01	2	<1	214	<1	0.33	<10	<0.01	75	7	<0.01	5	<10	286	<5	<20	<1	<0.01	<10	<1	<10	<1	182
5	NRE46	5	<0.2	0.25	<5	230	<5	1.22	<1	3	104	<1	1.38	10	0.27	372	4	0.03	7	380	16	<5	<20	54	<0.01	<10	6	<10	4	24
6	NRE47	30	>30	<0.01	<5	<5	190	0.03	2	<1	176	<1	0.34	<10	<0.01	76	30	<0.01	4	<10	6558	<5	<20	<1	<0.01	<10	<1	<10	<1	26
7	NRE48	10	<0.2	0.15	<5	<5	<5	0.05	<1	1	92	<1	0.46	<10	0.05	110	3	0.03	2	30	32	<5	<20	2	0.02	<10	4	<10	13	7
8	NRE49a	10	<0.2	0.23	<5	175	<5	0.49	<1	3	128	<1	1.11	<10	0.12	255	3	0.03	7	280	22	<5	<20	34	<0.01	<10	6	<10	4	19
9	NRE49b	10	<0.2	0.15	<5	20	<5	0.03	<1	1	189	<1	0.69	<10	0.04	149	5	0.02	6	60	10	<5	<20	<1	<0.01	<10	4	<10	1	10
10	NRE50	30	<0.2	0.02	<5	<5	<5	<0.01	<1	<1	194	27	0.31	<10	<0.01	58	9	<0.01	7	10	24	<5	<20	<1	<0.01	<10	<1	<10	<1	5
11	NRE51	15	<0.2	0.05	<5	<5	<5	0.01	<1	<1	251	5	0.45	<10	<0.01	68	6	<0.01	7	30	40	<5	<20	<1	<0.01	<10	<1	<10	<1	10
12	NRE52	10	<0.2	<0.01	<5	<5	<5	<0.01	<1	<1	198	<1	0.24	<10	<0.01	41	5	<0.01	5	<10	<2	<5	<20	<1	<0.01	<10	<1	<10	<1	4
13	NRE53	20	<0.2	0.40	<5	55	<5	0.14	<1	4	120	<1	1.11	<10	0.23	206	2	0.04	5	280	12	<5	<20	10	0.05	<10	20	<10	8	17
14	NRE54	5	0.4	<0.01	<5	<5	<5	<0.01	<1	<1	230	<1	0.29	<10	<0.01	76	13	<0.01	6	<10	30	<5	<20	<1	<0.01	<10	<1	<10	<1	4
15	NRE55	5	<0.2	0.40	<5	30	<5	0.21	<1	4	121	<1	1.06	<10	0.20	219	<1	0.05	5	260	8	<5	<20	15	0.05	<10	17	<10	9	16
16	NRE56	5	<0.2	0.22	<5	15	<5	0.08	<1	2	111	<1	0.60	<10	0.09	143	1	0.04	2	70	8	<5	<20	4	0.03	<10	7	<10	5	11
17	NRE57	5	<0.2	0.39	<5	30	<5	0.21	<1	4	94	<1	1.03	<10	0.23	224	<1	0.04	6	230	10	<5	<20	14	0.06	<10	18	<10	8	16
18	NRE58	<5	<0.2	0.26	<5	15	<5	0.09	<1	2	101	<1	0.75	<10	0.12	172	<1	0.04	3	130	6	<5	<20	2	0.04	<10	10	<10	8	10
19	NRE59	10	<0.2	0.59	<5	40	<5	0.31	<1	6	101	<1	1.41	10	0.40	245	<1	0.04	9	440	2	<5	<20	29	0.09	<10	29	<10	12	19
20	NRE60	5	<0.2	0.31	<5	25	<5	0.15	<1	3	122	<1	0.85	<10	0.16	155	<1	0.04	7	180	8	<5	<20	12	0.05	<10	16	<10	9	11
21	NRE61	15	<0.2	0.26	15	75	<5	0.04	<1	<1	71	1	0.45	50	0.01	48	2	0.03	4	150	48	<5	<20	2	<0.01	<10	<1	<10	10	21
22	NRE62	10	<0.2	<0.01	<5	<5	<5	<0.01	<1	1	287	<1	0.59	<10	<0.01	56	6	<0.01	10	<10	2	<5	<20	<1	<0.01	<10	1	<10	<1	7
23	NRE63	10	<0.2	0.30	70	125	5	2.11	<1	25	86	35	4.37	<10	1.56	535	3	0.04	40	540	4	10	<20	53	<0.01	<10	23	<10	<1	26

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1	NRE41	35	14.6	<0.01	<5	25	25	0.03	<1	1	170	10	0.52	<10	<0.01	78	686	<0.01	2	<10	1026	<5	<20	<1	<0.01	<10	8	<10	<1	14
Repeat:																														
1	NRE41	35	14.4	<0.01	<5	25	25	0.03	<1	<1	152	9	0.56	<10	<0.01	80	690	<0.01	2	<10	996	<5	<20	<1	<0.01	<10	7	<10	<1	14
10	NRE50	35	<0.2	0.02	<5	<5	<5	<0.01	<1	1	194	27	0.31	<10	<0.01	57	4	<0.01	6	20	16	<5	<20	<1	<0.01	<10	<1	<10	<1	6
Standard:																														
GEO'00		110	1.0	1.90	50	160	10	1.69	<1	21	64	88	4.11	<10	1.05	720	<1	0.02	24	770	22	<5	<20	65	0.14	<10	82	<10	13	81

df/370b
XLS/00

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

D. TECHNICAL REPORT

- One technical report to be completed for each project area.
- **Refer to Program Regulations 15 to 17, pages 6 and 7.**

BRITISH COLUMBIA
Ministry of Energy and Mines
Energy and Minerals Division

Information on this form is confidential subject to the provisions of the *Freedom of Information Act*.

SUMMARY OF RESULTS

- This summary section must be filled out by all grantees, one for each project area

Name EDWARD D. FREY Reference Number 2000/2001 P93

LOCATION/COMMODITIES

Project Area (as listed in Part A) NEWHYKULSTON CREEK MINFILE No. if applicable N/A

Location of Project Area NTS 92 P/8 ~Lat 51° 18' 30" N ~Long 120° 04' 15" W

Description of Location and Access ~ 3 KM NORTHEAST OF CHINOOK MOUNTAIN, ~ 15 km NORTH-NORTHEAST OF BARRIERE. ACCESS BY GENER LAKE, LEONIE LAKE AND NEWHYKULSTON CREEK FOREST ACCESS ROADS, AND FOOT TRAVERSES

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)

DARIA DUBA: M.Sc. (GEOLOGY) McGILL UNIV., EXTENSIVE GOLD AND BASE METAL EXPLORATION EXPERIENCE IN B.C., SASK., NEVADA AND WASHINGTON.

Main Commodities Searched For GOLD - IN PLUTON-RELATED SHEETED VEINS (FT. KNOX) OR SHEAR & FISSURE REPLACEMENT ROARTZ VEINS (PROG)

Known Mineral Occurrences in Project Area NONE. ANOMALOUS GOLD IN SEDIMENTS OF NEWHYKULSTON CREEK AND IN LODGEMENT TILL IN THE CREEK VALLEY

WORK PERFORMED

1. Conventional Prospecting (area) } ~425 hectares
2. Geological Mapping (hectares/scale) } 1:5,000
3. Geochemical (type and no. of samples) { 55 ROCK + 15 STREAM SEDIMENT (2 FRACTIONS EACH)
4. Geophysical (type and line km) NIL { + 4 Ag ASSAYS /30g Au (FA/AA) + 28 ELEMENT
5. Physical Work (type and amount) 1.2 km ROAD CLEARING ICP, ROCK & SEDIMENTS
6. Drilling (no. holes, size, depth in m, total m) NIL
7. Other (specify) ONE 50 ha PLACER & TWO UNITS MINERAL CLAIMS STAKED

Best Discovery

Project/~~Claim~~ Name NEWHYKULSTON CREEK Commodities SILVER, LEAD

Location (show on map) Lat. 51°18'55" N Long 120°04'45" W Elevation ~1487 m

Best assay/sample type 109.6 g/t SILVER & 5650 ppm LEAD IN FLOAT: ANGULAR, HEAVY CLAST ~ 20 x 12 x 5 cm, SAMPLE NRE 36

Description of mineralization, host rocks, anomalies WHITE VEIN (WIDTH >5cm) QUARTZ, MEDIUM - COARSE GRAINED; ~3% FINE GRAINED PYRITE AND GALENA, DISSEMINATED AND IN CLOTS TO 5mm, RARE COARSE GRAINED GALENA TO 5mm.

FEEDBACK: comments and suggestions for Prospector Assistance Program

MAINTAIN IT FOR THE FUTURE OF MINING IN B.C.!

D. TECHNICAL REPORT (continued)

REPORT ON RESULTS

BRITISH COLUMBIA
Ministry of Energy and Mines
Energy and Minerals Division

- Those submitting a copy of an Assessment Report or a report of similar quality that covers all the key elements listed below are not required to fill out this section.
- Refer to Program Regulation 17D on page 6 for details before filling this section out (use extra pages if necessary)
- **Supporting data must be submitted with the following TECHNICAL REPORT or any report accepted in lieu of.**

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

Name EDWARD O. FREY Reference Number 2000/2001 P93

1. LOCATION OF PROJECT AREA [Outline clearly on accompanying maps of appropriate scale.]

SEE ATTACHED REPORT

2. PROGRAM OBJECTIVE [Include original exploration target.]

SEE ATTACHED REPORT

3. PROSPECTING RESULTS [Describe areas prospected and significant outcrops/float encountered. Mineralization must be described in terms of specific minerals and how they occur. These details must be shown on accompanying map(s) of appropriate scale; prospecting traverses should be clearly marked.]

SEE ATTACHED REPORT

D. TECHNICAL REPORT (continued)

REPORT ON RESULTS (continued)

BRITISH COLUMBIA

5. GEOPHYSICAL RESULTS [Specify the objective of the survey, the method used and the work done. Discuss the results and show the data on an accompanying map of appropriate scale. Any anomalous areas must be indicated on maps by the use of contouring, or some other suitable technique.]

N/A

5. OTHER RESULTS [**Drilling** - describe objective, type and amount of drilling done. Discuss results, including any significant intersections obtained. Indicate on a map of appropriate scale the drill-hole collar location, the angle of inclination and azimuth. Drill logs correlated with assay results must be included. **Physical Work** - describe the type and amount of physical work done and the reasons for doing it (where not self-evident). This includes lines/grids, trails, trenches, opencuts, undergound work, reclamation, staking of claims, etc. Discuss results where pertinent.]

DRILLING N/A

PHYSICAL WORK - SEE ATTACHED REPORT

Signature of Grantee E. D. Fley Date 31 JAN. 2001

E.D. Frey - Reference Number 2000/2001 P93

PROSPECTING REPORT FORM

D. REPORT ON RESULTS

1. Location of Project Area - The project area (Fig.1) is approximately 15 km north-northeast of the town of Barriere and 85 km north of Kamloops. It is on the upper western slope of the Adams Plateau. Newhykulston Creek and its parallel branch (~one kilometre north), drain the area into the North Thompson River, six kilometres westward.

2. Program Objective - The program objective was to find the bedrock source of the gold mineralization discovered by the B.C Geological Survey in Newhykulston Creek stream sediments and in a lodgement till sample in the stream valley (Fig.2).

Recent stream sediment sampling by the B.C. Geological Survey (Lett & Jackaman, 2000; Lett, et al., 2000) yielded highly anomalous gold, to 3130 ppb in stream sediments and 59,600 ppb in a heavy mineral concentrate (Fig.2). Earlier BCGS lodgement till and stream sediment sampling within 170 m downstream from these anomalies (Figs.2, 2a) yielded 62 and 247 ppb gold, respectively (Bobrowsky et al.,1998; Jackaman et al., 1992). Prospecting by Frey and Duba to 800 m up-ice (northwest) from the BCGS till sample site did not find a probable source of it (Frey, 2000). Additional prospecting of a larger area to the north and northeast also was inconclusive (Frey, 2000, Map CM-4).

The gold in the stream sediments may have been derived from erosion of the pre-drainage till cover of the present deeply incised valley of Newhykulston Creek (~300 m/km gradient). Locally, the deposition of that till may have been by **eastward** iceflow, controlled by preglacial topography, suggesting a source in metavolcanic rocks of the Fennell Formation, downstream and further west-northwest.

Another possible source is the unnamed granodiorite stock, an apophysis(?) of the Cretaceous Baldy Batholith (10 km to the northeast) that intrudes mafic metavolcanic flows of the Fennell Formation in this area. Frey (2000, Map CM-4) mapped part of its western contact and prospected part of its poorly exposed occurrence northeast of the anomalous samples. Assessment mapping by BP Minerals and Inco (Fig.2; Casselman & Cameron, 1994; Farmer & Hoffman, 1987) identified an outcrop of the stock 1.9 km south of the BCGS sample sites.

@ @ @ @ @

The program objective originally had a second component: geophysical and prospecting/mapping surveys to follow-up the 1999 copper mineralization discovered in float by Frey and Duba (Frey, 2000). That work was not pursued in 2000 due to employment on consulting projects in Ontario in September and October. That work is now planned for spring 2001, with private funding.

3. Prospecting Results (Figs.2, 2a & b)

Prospecting focused on the drainage slopes and uplands north and south of Newhykulston Creek, upstream from its junction with the Newhykulston Creek forest access road. The area also includes most of the apparent outcrop area of the granodiorite stock, from Newhykulston Creek north to several hundred metres north of its north branch. Both stream beds were prospected eastward from their road intersections to the contact of the stock and the Fennell Formation.

The small outcrops of the stock south of Newhykulston Creek, noted in Section 2, are now established as limited to that area. Newhykulston Creek follows most of the southern contact of the main body of the stock. (Fig.2)

The outcrop distribution of the stock between Newhykulston Creek and its north branch is more extensive than observed previously (Frey, 2000, Map CM-4). Most of the "new" outcrops follow the crest of a break in slope of the Newhykulston Creek valley.

The only visual mineralization discovered in the program is minor chalcopyrite, pyrite and bornite in boulder float near the north end of the stock area and minor galena and pyrite in vein quartz float in the north branch of Newhykulston Creek.

The former (Sample NRE25) occurs in fine grained to coarsely megacrystic (to 2 cm) granodiorite, pale white with dull orange feldspar weathering. The granodiorite contains numerous unmineralized aplitic to medium grained quartz-feldspar veins to 2 cm width (Sample NRE4). Neither sample yielded anomalous gold, however the gold content of the vein sample is eight times that of its host: 40 vs. 5 ppb. Prospecting area of numerous float boulders north and north west of this occurrence did not locate its source.

The galena-bearing quartz float in the north branch of Newhykulston Creek yielded a similar range of gold, 30 to 85 ppb, and significantly anomalous silver and lead (see Section 4). Prospecting the creek bed and adjacent uplands did not locate the source.

Prospecting in the Fennell Formation west and south of the stock did not find mineralization.

4. Geochemical Results (Figs.2, 2a & b)

Seventy samples of in situ bedrock, float and stream sediments were collected and analyzed geochemically in an attempt to identify areas of anomalous gold or its pathfinder elements. A secondary objective in the north branch of Newhykulston Creek was to define a prospecting area for the source of anomalous silver and lead discovered earlier in the project.

Bedrock: 55 hand samples (34 float) were analyzed from those collected during traverses across the area and along the beds of Newhykulston Creek and the north branch of Newhykulston Creek. All were analyzed for gold (FA/AA; 30g) and 28 other elements (ICP). Four quartz vein float samples from the north branch of Newhykulston Creek that yielded >30 ppm Ag (ICP) were also assayed for silver.

With the exception of the silver-lead discovery, the overall results from bedrock analyses are poor. Only a few samples yielded slightly geochemically elevated quantities of gold or base metals. As noted below, the stream sediment sample results confirm the presence of anomalous gold in the drainage of Newhykulston Creek. It's source remains unknown. Continuing stream sediment sampling upstream would help focus additional exploration, however the deeply incised valley and it's overburden covered slopes would require extensive mechanical excavation for thorough exploration.

In the north branch of Newhykulston Creek angular clasts of "heavy," white to grey, medium to coarse grained, vein quartz are thinly dispersed for about 800 m in the stream bed. They range from 8 to 30 cm length and 4 to 15 cm in apparent vein width. Most are unmineralized, the rest contain 1to 3% fine grained pyrite+/-chalcopyrite and galena. The most signifcant results are:

	ppb Au	g/t Ag	(----------ppm----------) Pb	Cu	Zn	Mo	
NRE26	55	73.0	3784	9	<1	30	
NRE36	35	109.6	5650	23	4	90	
NRE37	85	43.5	2108	12	2	34	
NRE41	35	14.2*	948	8	14	689	*note 14.2 **ppm** Ag
NRE47	30	92.5	6558	<1	26	30	

Stream Sediments: Stream sediments (Samples NST9a to NST20a and NST21 to NST23 were collected at thirteen sites in Newhykulston Creek and two sites in the north branch of Newhykulston Creek by wet sieving through a 20 mesh screen. Two size fractions: -80+200 mesh and -200 mesh of each -20 mesh sample were analyzed in the same manner as the bedrock samples. In addition, three bulk samples of stream sediment were collected for future heavy mineral analysis. Reference samples of +20 and -20 mesh were retained from each site for future examination of gold grain shape.

Newhykulston Creek was sampled upstream for 500 m, at intervals of 50 m from its intersection with the Newhykulston Creek forest access road, the site of the BCGS anomalous gold in till sample. Additional sites on Newhykulston Creek replicated the BCGS sampling that yielded 3130 ppb Au in stream stream sediments and 59,600 ppb Au from a heavy mineral concentrate. Anomalous results (ppb gold) are:

	-80+200 mesh	-200 mesh	upstream distance (m)
NST20a	135	30	27
	59,600 (BCGS HM concentrate)		
NST9a	5	180	50
NST10a	300	65	100
NST15a	5	100	325
	3130 (BCGS)		
NST16a	115	90	350
NST18a	30	515	450

5. Geophysical Results - N/A

6. Other Results

Drilling - N/A

Physical Work - The lower part of an otherwise open, **abandoned logging road (Fig.2)** was blocked by alder and aspen that had been bowed over the road by snow. Hand-clearing of 1.2 km with an ax allowed 4WD truck use of the road. Road access greatly facilitated stream sediment sampling of the upper reaches of Newhykulston Creek, its north branch and prospecting the area between the two creeks.

Four two-post mineral claim units and one 50 ha placer claim were staked to straddle a portion of Newhykulston Creek and a small area south of it (Figs.3 & 4). The northern units and the placer claim were staked to cover the gold-bearing stream sediments target and its possible near-source host rocks. The southern units were part of a planned expansion into an area of anticipated additonal outcrop of the felsic stock.

The eastern units and the placer claim were staked during the prospecting.

REFERENCES

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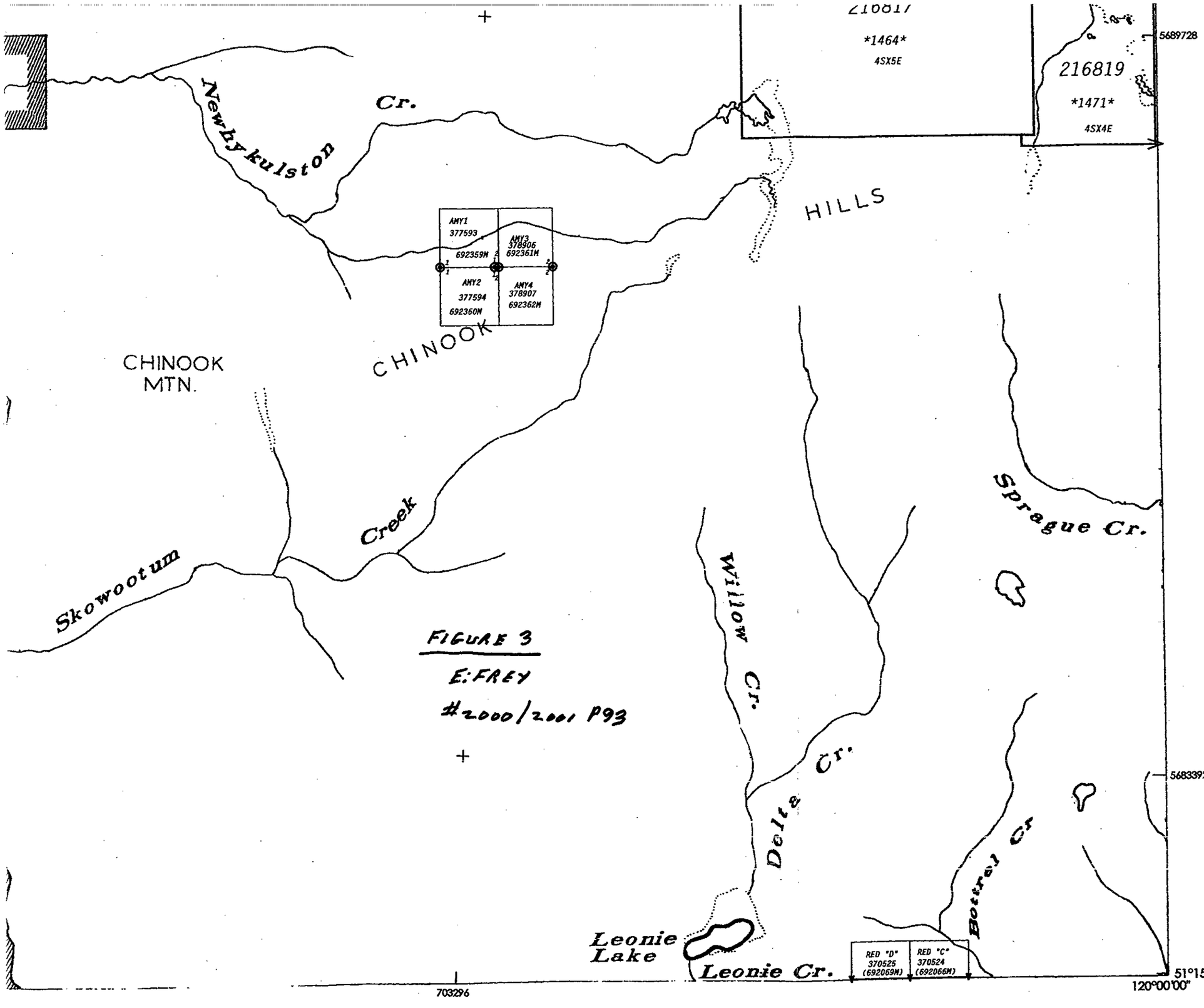

FIGURE 3

E: FREY

#2000/2001 P93

LEGAL POST

WITNESS POST

FORFEITED TENURE

VERIFIED VER

SURVEYED SUR

REVERTED C.G. MINERAL CLAIM REV CG OR RCG

CROWN GRANTED CG

OPEN FOR STAKING O.F.S.

1 UNIT	2 POST CLAIM	OLD 2 POST CLAIM
1640.42 ft	1640.42 ft	1500 ft
25 ha 61.78 ac	25 ha 61.78 ac	20.90 ha 51.65 ac
500 m	500 m	457.2 m

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

91769
KAMLOOPS
JAN 3 0 2001

092P09W	092P09E	082M12W
092P08W	092P08E	082M05W
092P01W	092P01E	082M04W

INDEX TO ADJOINING MAPS

M 092P08E

PLACER RESERVE
B.C. REG.173/96, 05 JUL 96
NO STAKING

Newbykulston Cr.

CHERYL
378908
P87239
1
2

HILLS

CHINOOK MTN.

CHINOOK

Creek

Skowootum

FIGURE 4

E. FREY

#2000/2001 P93

PLACER CLAIM AREA NO. 5

Sprague Cr.

Willow Cr.

Delta Cr.

Bottrel Cr.

Leonie Lake

Leonie Cr.

5689728

5683392

703296

120°00'00"

51°15'00"

LEGAL POST
WITNESS POST
FORFEITED TENURE
VERIFIED
SURVEYED

PLACER LEASES
PLACER CLAIMS

1640.42 ft
1000 m
50 ha
123.56 ac
3280.84 ft
500 m

PLACER MI
LEASES

1500 ft
914.4 m
41.80 h
113.30 a
457.2 m

THIS MAP IS PREPARED ONLY AS A GUIDE
TO THE LOCATION OF PLACER TENURE AS
AS SHOWN ON THE LOCATOR'S SKETCH
FOR CURRENT OR MORE SPECIFIC
INFORMATION, APPLICATION SHOULD BE
MADE TO THE MINING DIVISION CONCER

092P09W	092P09E	082M12W
092P08W	092P08E	082M05W
092P01W	092P01E	082M04W

INDEX TO ADJOINING MAPS

P 092P08E

18-Jul-00

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-133

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 6
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE - 1	85	<0.2	0.52	<5	85	<5	0.19	<1	6	100	4	1.44	40	0.35	373	<1	0.03	4	490	10	<5	<20	9	0.13	<10	23	<10	16	36
2	NRE - 2	10	<0.2	0.97	<5	125	15	0.68	<1	12	103	3	2.39	20	0.76	390	<1	0.05	11	1150	10	10	<20	36	0.18	<10	56	<10	10	39
3	NRE - 3	20	<0.2	0.26	<5	20	<5	0.09	<1	2	97	3	0.75	<10	0.12	200	1	0.03	4	130	16	<5	<20	2	0.04	<10	11	<10	12	13
4	NRE - 4	40	<0.2	0.28	<5	55	<5	0.38	<1	3	83	2	0.66	10	0.16	141	<1	0.04	2	140	12	<5	<20	20	0.04	<10	13	<10	8	13
5	NRE - 5	25	<0.2	0.09	15	100	<5	0.03	<1	<1	142	3	0.46	<10	<0.01	102	6	0.01	5	60	10	<5	<20	4	<0.01	<10	2	<10	<1	5
6	NRE - 6	35	<0.2	0.64	60	185	25	3.28	<1	41	17	7	8.16	<10	1.36	1736	6	0.02	26	880	6	<5	<20	107	<0.01	<10	43	<10	4	75
QC DATA:																														
Resplit:																														
1	NRE - 1	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	NRE - 1	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO'00		130	0.8	1.79	70	150	10	1.60	<1	20	61	83	3.70	<10	0.91	688	<1	0.02	26	730	24	20	<20	59	0.12	<10	77	<10	9	77

df/143
XLS/00

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10041 Dallas Drive, Kamloops, B.C. V2C 6T4
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CERTIFICATE OF ANALYSIS AK 2000-139

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

1-Aug-00

ATTENTION: ED FREY

No. of samples received: 15
Sample type: Sediment
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

		Mesh Weights(g)			Au (ppb)	
ET #.	**Tag #**	*Total*	**-80+200**	**-200**	**Mesh: -80+200**	**Mesh: - 200**
1	NST 9 a	1593	67	18	5	180
2	NST 10 a	1757	64	22	300	65
3	NST 11 a	1753	53	18	5	15
4	NST 12 a	1639	47	11	<5	30
5	NST 13 a	1930	107	45	10	5
6	NST 14 a	1873	38	15	<5	25
7	NST 15 a	1941	53	15	5	100
8	NST 16 a	1866	56	13	115	90
9	NST 17 a	1756	46	13	5	20
10	NST 18 a	1872	33	12	30	515
11	NST 19 a	1616	40	17	5	20
12	NST 20 a	1784	36	9	135	30
13	NST 21	1749	78	92	5	10
14	NST 22	1471	137	43	5	35
15	NST 23	1277	84	67	5	10

ED FREY AK 2000-139 1-Aug-00

ET #.	Tag #	Mesh Weights(g) Total	-80+200	-200	Au (ppb) Mesh: -80+200	Mesh: - 200
QC DATA:						
Repeat:						
5	NST 13 a	1930	107	45	5	-
13	NST 21	1749	78	92	-	10
14	NST 22	1471	137	43	5	-
Standard:						
GEO '00					-	110

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

XLS/00

3-Aug-00

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-139

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 15
Sample type: Sediment
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Mesh Weights (g)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NST 9 a	-80+200	<0.1	1.46	5	65	20	0.68	<1	18	54	30	2.71	<10	0.84	361	<1	0.01	24	570	20	10	<20	14	0.23	<10	71	<10	20	80
2	NST 10 a	-80+200	<0.1	1.55	10	65	15	0.70	<1	19	56	25	2.75	<10	0.88	385	<1	0.01	27	600	12	5	<20	14	0.23	<10	71	<10	19	52
3	NST 11 a	-80+200	<0.1	1.51	5	60	20	0.68	<1	19	61	24	2.75	<10	0.89	367	<1	0.01	28	580	10	10	<20	14	0.23	<10	71	<10	18	46
4	NST 12 a	-80+200	<0.1	1.54	5	65	20	0.68	<1	19	55	25	2.71	<10	0.90	387	<1	0.01	26	540	10	10	<20	14	0.24	<10	71	<10	20	49
5	NST 13 a	-80+200	<0.1	1.55	10	60	20	0.70	<1	19	58	25	2.65	<10	0.89	401	<1	0.01	28	540	12	10	<20	12	0.25	<10	71	<10	21	49
6	NST 14 a	-80+200	<0.1	1.57	<5	65	15	0.72	<1	19	56	27	2.80	<10	0.88	405	<1	0.01	27	550	10	10	<20	14	0.24	<10	74	<10	20	46
7	NST 15 a	-80+200	<0.1	1.62	10	60	20	0.71	<1	20	56	25	2.77	<10	0.94	405	<1	0.01	28	520	10	10	<20	11	0.26	<10	74	<10	21	44
8	NST 16 a	-80+200	<0.1	1.61	15	60	20	0.71	<1	19	53	27	2.69	<10	0.87	425	<1	0.01	25	530	10	10	<20	10	0.24	<10	71	<10	21	44
9	NST 17 a	-80+200	<0.1	1.59	10	70	15	0.71	<1	19	50	26	2.53	<10	0.86	429	<1	0.01	25	520	10	10	<20	15	0.24	<10	68	<10	20	43
10	NST 18 a	-80+200	<0.1	1.65	10	65	15	0.72	<1	20	56	27	2.84	<10	0.90	423	<1	0.01	27	520	10	10	<20	16	0.25	<10	75	<10	20	45
11	NST 19 a	-80+200	<0.1	1.69	10	70	20	0.74	<1	19	51	29	2.48	<10	0.86	466	<1	0.02	27	540	10	15	<20	15	0.22	<10	67	<10	20	44
12	NST 20 a	-80+200	<0.1	1.52	<5	60	20	0.69	<1	18	57	23	2.82	<10	0.87	377	<1	0.01	25	600	10	10	<20	15	0.22	<10	73	<10	18	43
13	NST 21	-80+200	<0.1	1.55	<5	55	25	0.65	<1	21	52	27	2.50	<10	0.98	396	<1	0.01	28	450	8	10	<20	6	0.29	<10	67	<10	23	44
14	NST 22	-80+200	<0.1	1.46	10	85	20	0.65	<1	19	49	22	2.69	<10	0.87	450	<1	0.01	24	630	36	10	<20	15	0.25	<10	67	<10	20	46
15	NST 23	-80+200	<0.1	1.96	10	95	25	0.73	<1	25	62	32	2.92	<10	1.13	637	<1	0.01	34	430	14	10	<20	11	0.27	<10	77	<10	21	62
16	NST 9 a	-200	<0.1	1.73	15	90	15	0.85	<1	16	49	34	2.31	<10	0.66	477	<1	0.02	23	830	12	10	<20	21	0.17	<10	60	<10	23	45
17	NST 10 a	-200	<0.1	1.84	20	100	15	0.91	<1	16	54	34	2.36	<10	0.68	493	<1	0.02	26	900	14	10	<20	22	0.17	<10	62	<10	24	46
18	NST 11 a	-200	<0.1	1.68	20	85	10	0.82	<1	15	53	30	2.17	<10	0.61	440	<1	0.02	25	790	10	<5	<20	20	0.16	<10	56	<10	21	40
19	NST 12 a	-200	<0.1	1.86	20	95	15	0.87	<1	16	53	34	2.33	<10	0.68	499	<1	0.02	26	830	12	10	<20	20	0.18	<10	61	<10	23	45
20	NST 13 a	-200	<0.1	1.88	15	100	15	0.90	<1	17	52	37	2.20	<10	0.68	562	<1	0.02	26	800	12	5	<20	21	0.17	<10	59	<10	27	47
21	NST 14 a	-200	<0.1	1.95	15	105	10	0.95	<1	17	50	37	2.23	<10	0.66	572	<1	0.02	25	840	12	10	<20	23	0.17	<10	59	<10	25	47
22	NST 15 a	-200	<0.1	1.86	15	95	20	0.88	<1	17	49	34	2.26	<10	0.67	504	<1	0.02	25	770	10	5	<20	23	0.19	<10	60	<10	24	45
23	NST 16 a	-200	<0.1	1.87	20	95	15	0.89	<1	18	50	35	2.35	<10	0.71	511	<1	0.02	25	780	12	<5	<20	22	0.20	<10	63	<10	24	48
24	NST 17 a	-200	<0.1	1.81	15	90	15	0.88	<1	17	46	34	2.14	<10	0.65	531	<1	0.02	24	770	12	10	<20	17	0.18	<10	58	<10	25	45
25	NST 18 a	-200	<0.1	1.95	20	100	10	0.90	<1	17	48	36	2.18	<10	0.68	544	<1	0.02	25	690	10	5	<20	21	0.18	<10	59	<10	25	46

Et #.	Tag #	Mesh Weights (g)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	NST 19 a	-200	<0.1	2.00	20	100	10	0.93	<1	17	48	38	2.14	<10	0.69	585	<1	0.02	25	700	12	10	<20	22	0.18	<10	58	<10	25	48
27	NST 20 a	-200	<0.1	1.81	20	95	15	0.92	<1	16	55	34	2.38	<10	0.68	510	<1	0.02	26	970	12	10	<20	21	0.16	<10	61	<10	23	45
28	NST 21	-200	<0.1	1.98	5	105	25	0.83	<1	22	56	38	2.56	<10	0.85	544	<1	0.02	30	650	14	10	<20	14	0.29	<10	70	<10	29	59
29	NST 22	-200	0.5	1.54	20	135	20	0.76	<1	17	42	27	2.40	<10	0.57	664	<1	0.01	21	860	64	<5	<20	18	0.17	<10	56	<10	25	49
30	NST 23	-200	<0.1	2.05	20	140	15	0.81	<1	23	56	40	2.64	<10	0.85	757	<1	0.01	31	580	16	10	<20	15	0.21	<10	68	<10	24	66
QC DATA:																														
Repeat:																														
1	NST 9 a		<0.1	1.47	10	60	20	0.68	<1	18	54	24	2.75	<10	0.83	365	<1	0.01	24	580	14	<5	<20	12	0.25	<10	71	<10	20	53
10	NST 18 a		<0.1	1.62	5	65	25	0.72	<1	20	54	27	2.73	<10	0.89	412	<1	0.01	26	500	12	10	<20	13	0.25	<10	74	<10	21	44
19	NST 12 a		<0.1	1.83	20	95	10	0.88	<1	16	52	33	2.31	<10	0.66	497	<1	0.02	26	840	12	5	<20	18	0.17	<10	61	<10	24	45
Standard:																														
GEO'00			1.2	1.79	60	150	10	1.59	<1	20	57	82	3.66	<10	0.94	687	<1	0.02	24	690	22	15	<20	55	0.11	<10	76	<10	13	74

df/139
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21-Jul-00

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-140

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 7
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE 7	30	<0.2	1.70	<5	180	20	0.86	<1	19	78	21	3.01	20	1.23	426	<1	0.09	18	1690	22	10	<20	44	0.35	<10	90	<10	15	49
2	NRE 8	10	<0.2	1.74	<5	275	20	0.79	<1	23	189	21	2.97	10	1.67	434	<1	0.03	67	1630	18	20	<20	28	0.31	<10	84	<10	13	45
3	NRE 9	40	<0.2	1.32	<5	110	15	0.93	<1	15	66	14	2.73	20	0.99	391	<1	0.04	10	1670	16	10	<20	36	0.23	<10	73	<10	13	48
4	NRE 10	30	<0.2	0.50	<5	75	<5	0.14	<1	5	67	3	1.36	30	0.30	353	<1	0.03	2	490	10	<5	<20	1	0.12	<10	21	<10	23	35
5	NRE 11	25	<0.2	0.87	<5	40	10	0.71	<1	19	144	32	2.49	<10	0.26	2404	<1	0.02	64	670	14	<5	<20	16	0.09	<10	47	<10	10	60
6	NRE 12	45	<0.2	0.49	<5	60	5	0.28	<1	6	77	2	1.27	10	0.33	228	<1	0.04	7	440	8	<5	<20	13	0.09	<10	27	<10	9	18
7	NRE 14	15	<0.2	0.04	<5	5	<5	0.01	<1	1	165	2	0.37	<10	<0.01	75	4	<0.01	3	20	<2	<5	<20	<1	<0.01	<10	1	<10	<1	8
QC DATA:																														
Resplit:																														
1	NRE 7	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	NRE 7	25	<0.2	1.72	10	180	20	0.86	<1	19	81	21	3.05	20	1.25	428	<1	0.09	18	1700	22	20	<20	39	0.35	<10	90	<10	18	50
Standard:																														
GEO'00		130	0.8	1.79	70	150	10	1.60	<1	20	61	83	3.70	<10	0.91	688	<1	0.02	26	730	24	20	<20	59	0.12	<10	77	<10	9	77

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CERTIFICATE OF ASSAY AK 2000-189

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

4-Aug-00

ATTENTION: ED FREY

No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Ed. Frey

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
10	NRE 26	73.0	2.13

QC DATA:

Standard:

MP1a	69.0	2.01

XLS/00

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
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3-Aug-00

ECO-TECH LABORATORIES LTD.
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V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 2000-189

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Ed. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE 16	15	<0.2	0.55	55	130	5	0.11	<1	5	87	8	1.41	<10	0.42	178	<1	0.03	5	310	12	5	<20	18	0.07	<10	27	<10	5	30
2	NRE 17	5	<0.2	1.11	85	160	15	0.68	<1	12	95	6	2.40	20	0.81	552	<1	0.05	12	1050	10	10	<20	43	0.17	<10	55	<10	12	45
3	NRE 19	<5	<0.2	0.77	40	195	15	0.26	<1	7	117	4	1.63	10	0.53	336	<1	0.04	9	410	10	10	<20	28	0.12	<10	40	<10	9	38
4	NRE 20	5	<0.2	0.56	30	50	10	0.32	<1	6	102	4	1.28	<10	0.39	231	<1	0.05	6	510	10	<5	<20	18	0.10	<10	28	<10	12	21
5	NRE 21	10	<0.2	0.75	20	65	15	0.76	<1	8	106	5	1.74	10	0.57	341	<1	0.05	8	630	18	5	<20	30	0.11	<10	40	<10	11	33
6	NRE 22	5	<0.2	0.25	20	15	<5	0.06	<1	2	96	5	0.56	<10	0.07	118	2	0.03	2	60	12	<5	<20	4	0.01	<10	5	<10	3	6
7	NRE 23	<5	<0.2	0.03	10	5	<5	0.03	<1	1	198	67	0.99	<10	0.01	71	6	<0.01	4	40	<2	<5	<20	2	<0.01	<10	1	<10	<1	2
8	NRE 24	5	<0.2	1.10	15	20	15	1.04	<1	29	64	94	2.40	<10	0.87	293	<1	0.06	48	700	10	15	<20	7	0.23	<10	70	<10	25	19
9	NRE 25	5	<0.2	0.48	10	140	10	1.10	<1	6	91	4	1.58	10	0.34	326	<1	0.04	6	440	10	<5	<20	59	0.06	<10	23	<10	8	27
10	NRE 26	55	>30	<0.01	5	15	130	0.12	<1	1	160	9	0.74	<10	<0.01	51	30	<0.01	3	<10	3784	<5	<20	4	<0.01	<10	<1	<10	<1	<1
11	NRE 27	5	<0.2	1.92	<5	50	30	1.02	<1	46	61	58	4.54	<10	1.89	408	<1	0.02	56	300	26	20	<20	93	0.25	<10	151	<10	10	28
12	NRE 28	<5	<0.2	0.03	10	<5	<5	<0.01	<1	<1	177	5	0.29	<10	<0.01	46	4	<0.01	3	20	8	<5	<20	<1	<0.01	<10	<1	<10	<1	1
QC DATA:																														
Resplit:																														
1	NRE 16	15	<0.2	0.56	55	130	10	0.11	<1	5	96	8	1.48	<10	0.42	185	<1	0.03	6	320	14	5	<20	15	0.07	<10	28	<10	4	31
Repeat:																														
1	NRE 16	10	<0.2	0.55	80	130	5	0.11	<1	4	90	8	1.43	<10	0.42	180	<1	0.03	5	330	14	5	<20	17	0.07	<10	27	<10	5	30
Standard:																														
GEO'00		115	1.2	1.74	70	155	15	1.58	<1	19	66	83	3.58	<10	0.90	664	<1	0.02	25	730	24	10	<20	61	0.11	<10	74	<10	11	72

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B.C. Certified Assayer

df/187
XLS/00

2-Aug-00

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-194

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 2
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE29	15	0.1	1.78	80	340	25	1.23	1	23	230	13	2.95	10	1.94	435	<1	0.05	72	2400	16	20	<20	38	0.28	<10	73	<10	21	43
2	NRE33	5	0.1	1.55	<5	185	30	0.92	<1	17	86	22	3.22	20	1.11	439	<1	0.05	11	1790	20	10	<20	45	0.30	<10	92	<10	24	56
QC DATA:																														
Resplit:																														
1	NRE29	10	0.1	1.78	75	330	20	1.29	<1	23	233	12	2.97	10	1.97	444	<1	0.06	72	2410	16	25	<20	38	0.28	<10	74	<10	21	46
Repeat:																														
1	NRE33	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO STD		115	1.6	1.76	55	165	<5	1.57	1	19	60	87	3.74	<10	0.94	681	<1	0.02	24	750	24	15	<20	66	0.11	<10	75	<10	13	74

df/193
XLS/00

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B.C. Certified Assayer

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LABORATORIES LTD.

ASSAYING
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ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
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email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2000-252

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

13-Sep-00

ATTENTION: ED FREY

No. of samples received: 5
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
1	NRE36	109.6	3.20
2	NRE37	43.5	1.27

QC DATA:

Standard:

Mpla	70.0	2.04

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11-Sep-00

ECO-TECH LABORATORIES LTD.
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KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-252

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 5
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE36	55	>30	0.02	<5	15	205	0.08	1	3	223	23	1.63	<10	<0.01	57	90	<0.01	7	<10	5650	<5	<20	6	<0.01	<10	<1	<10	<1	4
2	NRE37	35	>30	<0.01	<5	5	85	0.10	<1	2	203	12	0.82	<10	<0.01	95	34	<0.01	7	<10	2108	<5	<20	<1	<0.01	<10	<1	<10	<1	2
3	NRE38	85	0.6	0.62	80	95	<5	0.51	<1	6	80	6	1.10	10	0.31	239	2	<0.01	8	300	58	<5	<20	23	<0.01	<10	3	<10	18	18
4	NRE39	40	0.4	0.49	35	135	5	0.80	<1	5	102	4	1.32	10	0.27	321	3	0.01	7	360	36	<5	<20	40	<0.01	<10	3	<10	8	23
5	NRE40	20	1.6	0.02	<5	40	<5	0.02	1	1	241	17	0.40	<10	<0.01	92	17	<0.01	8	10	112	<5	<20	2	<0.01	<10	<1	<10	<1	52
QC DATA:																														
Resplit:																														
1	NRE36	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	NRE36	-	>30	0.01	5	10	200	0.07	<1	3	228	20	1.63	<10	<0.01	54	91	<0.01	7	<10	5614	<5	<20	2	<0.01	<10	<1	<10	<1	3
Standard:																														
GEO'00		110	1.0	1.76	50	155	10	1.56	<1	19	58	86	3.49	<10	0.91	663	<1	0.02	25	690	26	10	<20	60	0.11	<10	75	<10	9	70

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B.C. Certified Assayer

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ENVIRONMENTAL TESTING

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email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2000-385

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

4-Dec-00

ATTENTION: ED FREY

No. of samples received: 23
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
6	NRE47	92.5	2.70

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30-Nov-00

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-385

ED FREY
PO BOX 1437
KAMLOOPS, BC
V2C 6L7

ATTENTION: ED FREY

No. of samples received: 23
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	NRE41	35	14.2	0.03	<5	30	30	0.04	<1	1	148	8	0.52	<10	<0.01	72	689	<0.01	4	20	998	<5	<20	1	<0.01	<10	9	<10	<1	14
2	NRE42	20	7.6	0.30	<5	60	170	0.08	<1	2	144	<1	0.89	<10	0.07	173	13	0.03	6	220	460	<5	<20	19	<0.01	<10	8	<10	2	16
3	NRE43	10	9.4	0.07	<5	10	25	0.04	<1	1	177	<1	0.77	<10	0.02	61	56	0.01	6	50	484	<5	<20	4	<0.01	<10	2	<10	<1	6
4	NRE45	15	5.6	0.01	<5	<5	10	<0.01	2	<1	214	<1	0.33	<10	<0.01	75	7	<0.01	5	<10	286	<5	<20	<1	<0.01	<10	<1	<10	<1	182
5	NRE46	5	<0.2	0.25	<5	230	<5	1.22	<1	3	104	<1	1.38	10	0.27	372	4	0.03	7	380	16	<5	<20	54	<0.01	<10	6	<10	4	24
6	NRE47	30	>30	<0.01	<5	<5	190	0.03	2	<1	176	<1	0.34	<10	<0.01	76	30	<0.01	4	<10	6558	<5	<20	<1	<0.01	<10	<1	<10	<1	26
7	NRE48	10	<0.2	0.15	<5	<5	<5	0.05	<1	1	92	<1	0.46	<10	0.05	110	3	0.03	2	30	32	<5	<20	2	0.02	<10	4	<10	13	7
8	NRE49a	10	<0.2	0.23	<5	175	<5	0.49	<1	3	128	<1	1.11	<10	0.12	255	3	0.03	7	280	22	<5	<20	34	<0.01	<10	6	<10	4	19
9	NRE49b	10	<0.2	0.15	<5	20	<5	0.03	<1	1	189	<1	0.69	<10	0.04	149	5	0.02	6	60	10	<5	<20	<1	<0.01	<10	4	<10	1	10
10	NRE50	30	<0.2	0.02	<5	<5	<5	<0.01	<1	<1	194	27	0.31	<10	<0.01	58	9	<0.01	7	10	24	<5	<20	<1	<0.01	<10	<1	<10	<1	5
11	NRE51	15	<0.2	0.05	<5	<5	<5	0.01	<1	<1	251	5	0.45	<10	<0.01	68	6	<0.01	7	30	40	<5	<20	<1	<0.01	<10	<1	<10	<1	10
12	NRE52	10	<0.2	<0.01	<5	<5	<5	<0.01	<1	<1	198	<1	0.24	<10	<0.01	41	5	<0.01	5	<10	<2	<5	<20	<1	<0.01	<10	<1	<10	<1	4
13	NRE53	20	<0.2	0.40	<5	55	<5	0.14	<1	4	120	<1	1.11	<10	0.23	206	2	0.04	5	280	12	<5	<20	10	0.05	<10	20	<10	8	17
14	NRE54	5	0.4	<0.01	<5	<5	<5	<0.01	<1	<1	230	<1	0.29	<10	<0.01	76	13	<0.01	6	<10	30	<5	<20	<1	<0.01	<10	<1	<10	<1	4
15	NRE55	5	<0.2	0.40	<5	30	<5	0.21	<1	4	121	<1	1.06	<10	0.20	219	<1	0.05	5	260	8	<5	<20	15	0.05	<10	17	<10	9	16
16	NRE56	5	<0.2	0.22	<5	15	<5	0.08	<1	2	111	<1	0.60	<10	0.09	143	1	0.04	2	70	8	<5	<20	4	0.03	<10	7	<10	5	11
17	NRE57	5	<0.2	0.39	<5	30	<5	0.21	<1	4	94	<1	1.03	<10	0.23	224	<1	0.04	6	230	10	<5	<20	14	0.06	<10	18	<10	8	16
18	NRE58	<5	<0.2	0.26	<5	15	<5	0.09	<1	2	101	<1	0.75	<10	0.12	172	<1	0.04	3	130	6	<5	<20	2	0.04	<10	10	<10	8	10
19	NRE59	10	<0.2	0.59	<5	40	<5	0.31	<1	6	101	<1	1.41	10	0.40	245	<1	0.04	9	440	2	<5	<20	29	0.09	<10	29	<10	12	19
20	NRE60	5	<0.2	0.31	<5	25	<5	0.15	<1	3	122	<1	0.85	<10	0.16	155	<1	0.04	7	180	8	<5	<20	12	0.05	<10	16	<10	9	11
21	NRE61	15	<0.2	0.26	15	75	<5	0.04	<1	<1	71	1	0.45	50	0.01	48	2	0.03	4	150	48	<5	<20	2	<0.01	<10	<1	<10	10	21
22	NRE62	10	<0.2	<0.01	<5	<5	<5	<0.01	<1	1	287	<1	0.59	<10	<0.01	56	6	<0.01	10	<10	2	<5	<20	<1	<0.01	<10	1	<10	<1	7
23	NRE63	10	<0.2	0.30	70	125	5	2.11	<1	25	86	35	4.37	<10	1.56	535	3	0.04	40	540	4	10	<20	53	<0.01	<10	23	<10	<1	26

ED FREY

30-Nov-00

ICP CERTIFICATE OF ANALYSIS AK 2000-385

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1	NRE41	35	14.6	<0.01	<5	25	25	0.03	<1	1	170	10	0.52	<10	<0.01	78	686	<0.01	2	<10	1026	<5	<20	<1	<0.01	<10	8	<10	<1	14
Repeat:																														
1	NRE41	35	14.4	<0.01	<5	25	25	0.03	<1	<1	152	9	0.56	<10	<0.01	80	690	<0.01	2	<10	996	<5	<20	<1	<0.01	<10	7	<10	<1	14
10	NRE50	35	<0.2	0.02	<5	<5	<5	<0.01	<1	1	194	27	0.31	<10	<0.01	57	4	<0.01	6	20	16	<5	<20	<1	<0.01	<10	<1	<10	<1	6
Standard:																														
GEO'00		110	1.0	1.90	50	160	10	1.69	<1	21	64	88	4.11	<10	1.05	720	<1	0.02	24	770	22	<5	<20	65	0.14	<10	82	<10	13	81

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

df/370b
XLS/00

LEGEND for FIGURES 2, 2a, 2b

BEDROCK: (NRE#) all are *in situ* grab samples unless noted float or chip (section). Float samples are noted on figures by their underlined sample number, e.g. NRE36

STREAM SEDIMENTS: (NST#) all are hand excavated and field washed to -20 mesh through a stainless steel screen; 1.3-1.9 kg per dry sample. Heavy mineral samples (NSTH##) are 10 to 13 kg each; analyses pending.

NOTES: sample numbers not analyzed or not used:
NRE13, 15, 18, 30, 31, 32, 34, 35; REF = reference sample
NRE44 (mis-labeled as NRE49a by laboratory)

total bedrock samples analyzed: 55; X - small outcrop

total stream sediment samples analyzed: 15

GD - granodiorite; QM - quartz monzonite GRAN - granite

Q - quartz; stream float samples, probably vein quartz

QV - quartz vein; with remnant wallrock

QF - quartz-feldspar

Biot. - biotite

Bm - massive basalt; very fine grained, grey-dark grey

Ch - Chert; aphanitic, pale grey

sil - silicified; gos - gossan; diss. - disseminated

vfg, fg, mg, cg, peg - grain sizes: very fine (<1mm), fine, medium, coarse(>3mm), pegmatitic;

bld - boulder; cob - cobble

SS - stream sediment (sample); HM - heavy mineral (sample)

REFERENCE NUMBER *2000 / 2001* **E.D. FREY**

SAMPLE DESCRIPTIONS

NEWHYKULSTON CREEK AREA - FIG. 2

BEDROCK:

NRE1 (float)	GD-biotite granite boulder; fg, dull white-grey, pale pink feldspar to 1cm; rare tourmaline to 5mm
NRE2 (float)	QM boulder, fg-mg, black and white; ~40% mafic (biotite); pegmatitic feldspar to 3cm; >20% Q, fg-mg
NRE3 (float)	GD boulder, 0.5m; 7cm QV, white, mg-cg, limonite seams
NRE6 (float)	Bm boulder, angluar; trace sulphides
NRE7	GD, porphyritic, vfg-fg, grey; cg biotite, 3-10 mm; massive, blocky fractures: 265°/80°-90° NW
NRE8 (float)	GD boulder, frost split, angular, on o/c crest; cg, biotitic; 5mm QV; vfg-aphanitic Q seams
NRE9	GD; sheeted QV-seams 260°/70° NW cut 1cm QV 095°, recessed with gossan
NRE10 (float)	granite-peg boulder, rounded 80x50cm
NRE11	Bm; fractured (205°/80° SW) chert, varigated, to 3 m wide
NRE15 (float)	granite-GD, equigranular, weakly foliated; sub-rounded boulder, 1x1.5 m
NRE16 (float)	granite-peg boulder; QV; six peg veinlets, 2-3 cm wide
NRE17	QM-cg biotite granite +/- cg microcline to 1x5 cm;
NRE18	QM; 5-15 cm spaced fractures/seams, 310°/65° NE
NRE19	Q, white to clear, 30% pegmatitic
NRE20	biotite granite, grey, mg; aplite seams
NRE21	biotite granite, grey, mg; white, cg Q
NRE22	granite, mg; QV
NRE23 (float)	Q, vfg, limonite seams and fractures
NRE24	Bm, sil, vfg; 1-2% pyrite; intensely fractured
NRE30	biotite granite
NRE31	diorite - biotite diorite porphyry, fg; small Bm zenoliths; dike?

NRE32 biotite diorite, fg; weakly magnetic; dike?

NRE33 Bm, fg;

NRE34 GD, cg

NRE35 (float) GD, cg; recessed biotite

NEWHYKULSTON CREEK
FIGS. 2 and 2a

STREAM SEDIMENTS: NST9a to NST20a; NST21 and NSTH21

BEDROCK:

NRE12 (float) GD boulder; QF-peg veins to 5 cm wide, <10cm spacing

NRE14 (float) Q, large white cobble; limonite, epidote seams

NRE61 (float) Q, dull grey, subrounded, 8x10x15 cm

NRE62 (float) Q, cg, dull white, sub-angular, 4x5x6 cm

NRE63 (float) Bm, sil, grey, gossan; 10x15 cm; diss. vfg py

NEWHYKULSTON CREEK - NORTH BRANCH AREA
FIG. 2

BEDROCK:

NRE4 (float) GD boulder, 1.5 m, angular; trace sulphides

NRE5 (float) GD boulder, thin QV

NRE25 (float) GD, angular boulder; cg +/- aplite seams; to 5% py, cpy, trace bornite; re-sampling of NRE4 boulder

NORTH BRANCH - NEWHYKULSTON CREEK
FIGS. 2 and 2b

STREAM SEDIMENTS: NST22 and NST23; NSTH22 and NSTH23

BEDROCK:

NRE26 (float) Q, white, sub-angular boulder; trace py, galena

NRE36 (float) Q, white, sub-angular small boulder; <5% py, galena

NRE37 (float) same as NRE36

NRE38 (chip) fault gouge; 3-5 cm wide, 060°/90°, base of 3 m high GD fracture wall, north side of creek

NRE39 (chip) fault gouge and GD wallrock; 15cm wide composite

NRE40 QV, 20-35 cm wide, 045°-050°/90°

NRE41 (float) Q, angular slab, 2-3 cm wide; 2% py, cpy

NRE42 GD; weak gossan; several 1-2 cm wide QVs

NRE43 (float) Q-GD; 1% py in both parts; white Q

NRE49a (= field #44) (float) GD, 4 QVs to 70 cm long; large sub-angular slab, 50x30x50 cm; 1-2% mg-cg py, cpy

NRE45 (float) Q; angular, 2x3x4 cm

NRE46 (float) GD, angular, cg, <1% sulphides; 1cm wide QV

NRE47 (float) Q, 5 cm wide, zoned; 1-3% py, galena

NRE48 (float) Q, grey 2 cm wide, angular

NRE49b (= field #49) (float) GD, sub-angular, angular; QV, 2 cm wide, zoned

NRE50 (float) Q, white, angular, 3 cm wide, zoned, "heavy"

NRE51 (float) Q, slab to 2 cm wide, sub-angular, sub-rounded, zoned, "heavy"

NRE52 (float) Q, white, sub-rounded, sub-angular; 3x4x5 cm

NRE53 (float) GD; QV to 2 cm wide, grey, zoned

NRE54 (float) Q, white, 2-3 cm wide, sub-angular, "heavy"

NRE55 (float) GD; QV, grey, 2 cm wide; sub-angular cobble

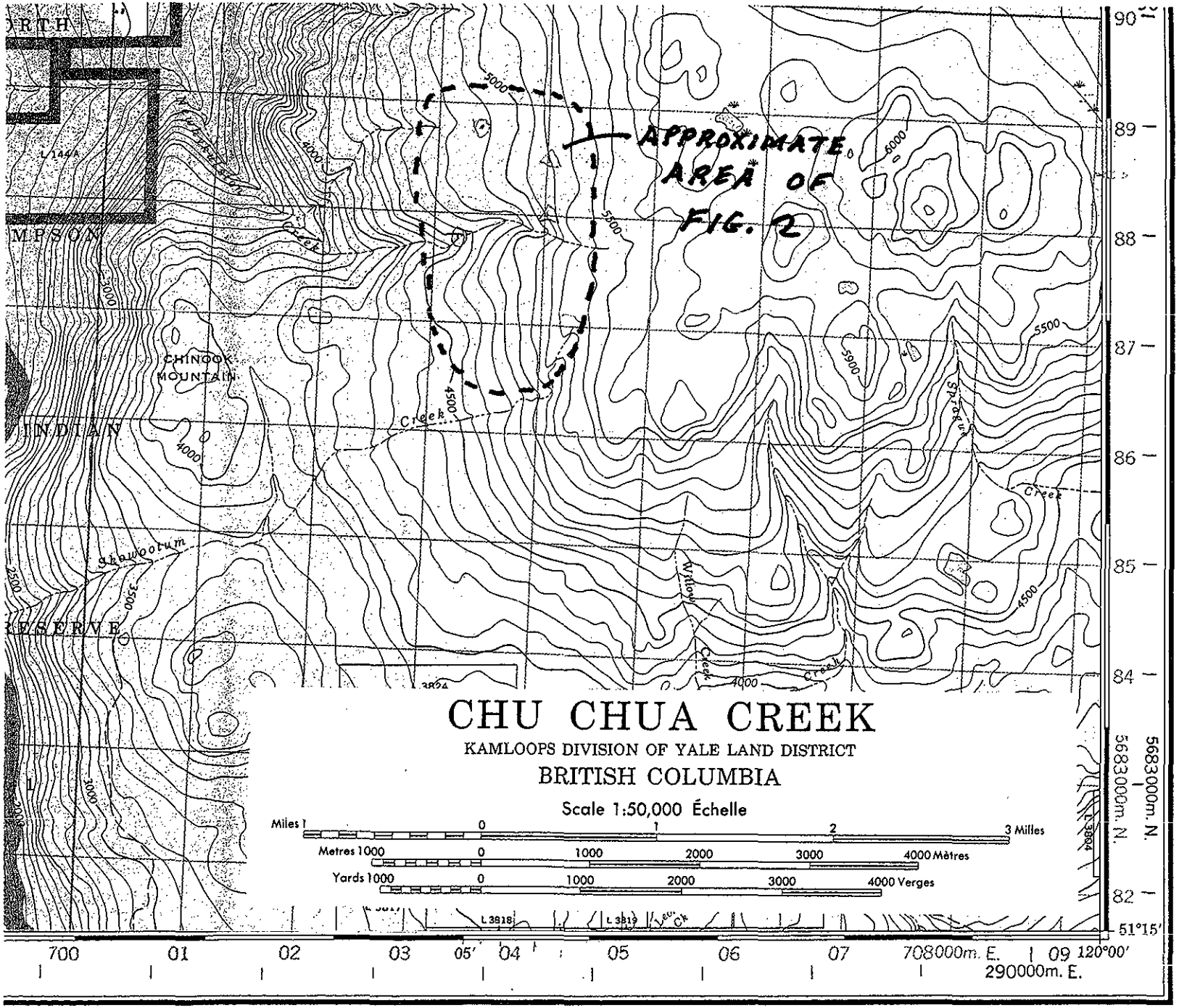
NRE56 (float) GD; QV, mottled grey, 2 cm wide; angular slab, subcrop?

NRE57 (float) GD; QF vein, dull grey, 2-3 cm wide; sub-angular, blocky

NRE58 (float) GD; QV, grey, 5 cm wide, 1% fg py; large block, subcrop?

NRE59 (float) GD; two QF (pegmatite?) veins, 2-3 cm wide; angular slab

NRE60 (float) GD, mg; grey QV and light grey aplite to 5 cm wide; 40x60x80 cm slab; a rare plutontic float among >95% Bm float



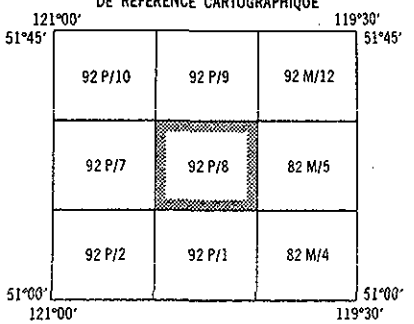
REFERENCE POINT / POINT DE REPÈRE	CHURCH - ÉGLISE (as above / ci-dessus)
EASTING: Read number on grid line immediately to left of point:	
LONGITUDE EST: Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère:	97
Estimate tenths of a square from this line eastward to point:	
Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est:	5
	975
NORTHING: Read number on grid line immediately below point:	
LATITUDE NORD: Noter le chiffre de la ligne du quadrillage immédiatement en-dessous du repère:	98
Estimate tenths of a square from this line northward to point:	
Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord:	4
GRID REFERENCE:	984
RÉFÉRENCE AU QUADRILLAGE:	975984

Nearest similar grid reference 100,000 metres (about 63 miles)
La prochaine référence similaire est à 100,000 mètres (environ 63 milles)

BROWN NUMBERED TICKS INDICATE THE 1000 METRE U.T.M. GRID ZONE 11
LES TRAITS NUMÉROTÉS EN BRUN INDIQUENT LE QUADRILLAGE DE 1000 MÈTRES U.T.M.

N

TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE



INDEX TO ADJOINING MAPS OF THE NATIONAL TOPOGRAPHIC SYSTEM

CHELLE DE CONVERSION DES ÉLÉVATIONS

150 200 250 300 Mètres
500 600 700 800 900 1000 Pieds

FIGURE 1

LOCATION MAP

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES.
Mise à jour à l'aide de photographies aériennes prises en 1974. Vérification des ouvrages en 1976. Renseignements à jour en 1976.

Ces cartes sont en vente au Bureau des Cartes du Canada, ministère de l'Énergie, des Mines et des Ressources, Ottawa, ou chez le vendeur le plus près.

E. D. Fry

CHU CHUA CREEK

BCGS - ANOMALOUS STREAM SEDIMENT DATA

2000 PROSPECTING - ANOMALOUS STR. SED. DATA

ALL MAP DATA = ppb Au

LEGEND AND ROCK SAMPLE DESCRIPTIONS ATTACHED.

COMPLETE ANALYSES ON LABORATORY CERTIFICATES.

Newhykulston Creek was sampled upstream for 500 m, at intervals of 50 m from its intersection with the Newhykulston Creek forest access road, the site of the BCGS anomalous gold in till sample. Additional sites on Newhykulston Creek replicated the BCGS sampling that yielded 3130 ppb Au in stream stream sediments and 59,600 ppb Au from a heavy mineral concentrate. Anomalous results (ppb gold) are:

	-80+200 mesh	-200 mesh	road → upstream distance (m)
NST20a	135	30	27
	59,600 (BCGS HM concentrate)		
NST9a	5	180	50
NST10a	300	65	100
NST15a	5	100	325
	3130 (BCGS)		
NST16a	115	90	350
NST18a	30	515	450

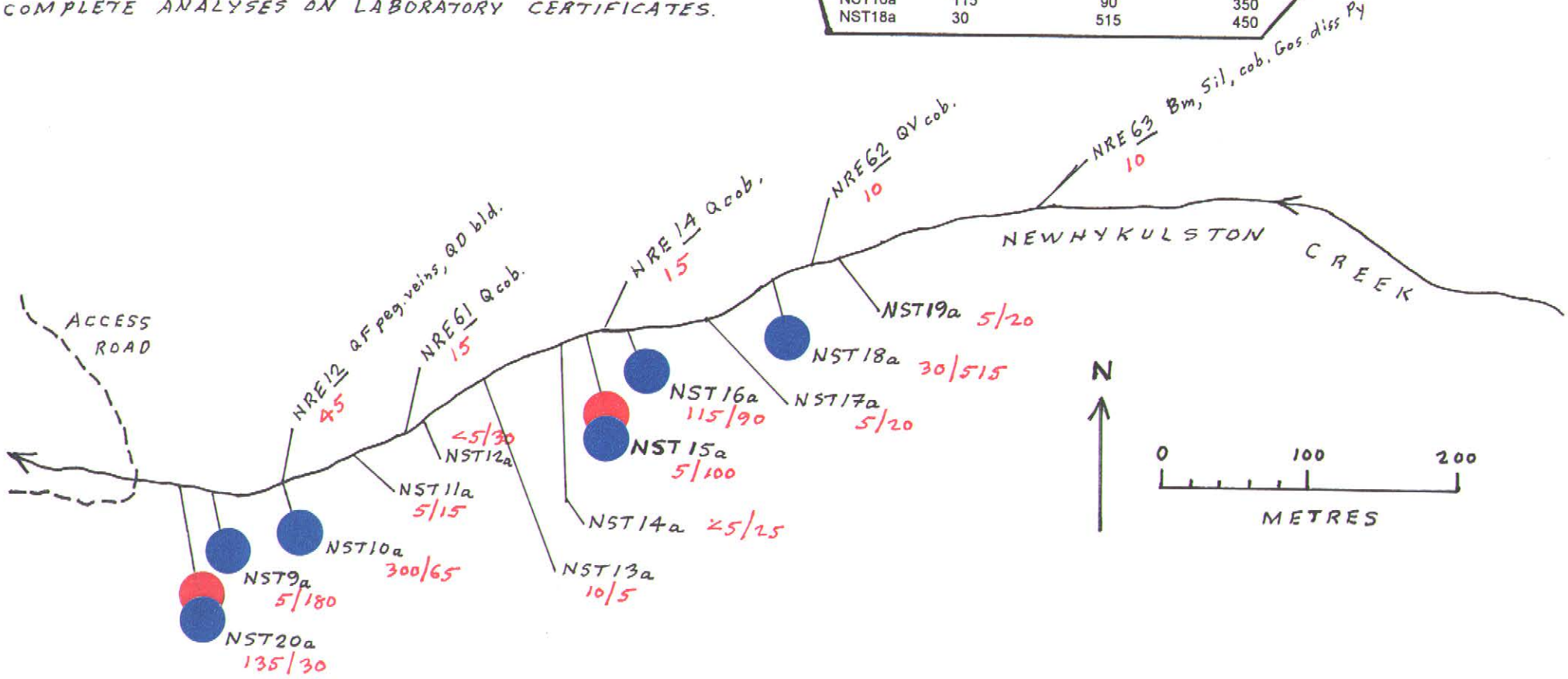


FIGURE 2a

NEWHYKULSTON CREEK SAMPLING DETAIL

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FIGURE 2b

NORTH BRANCH NEWHYKULSTON CREEK SAMPLING DETAIL

BCGS ANOMALOUS MOSS MAT DATA

2000 PROSPECTING - ANOMALOUS BEDROCK DATA

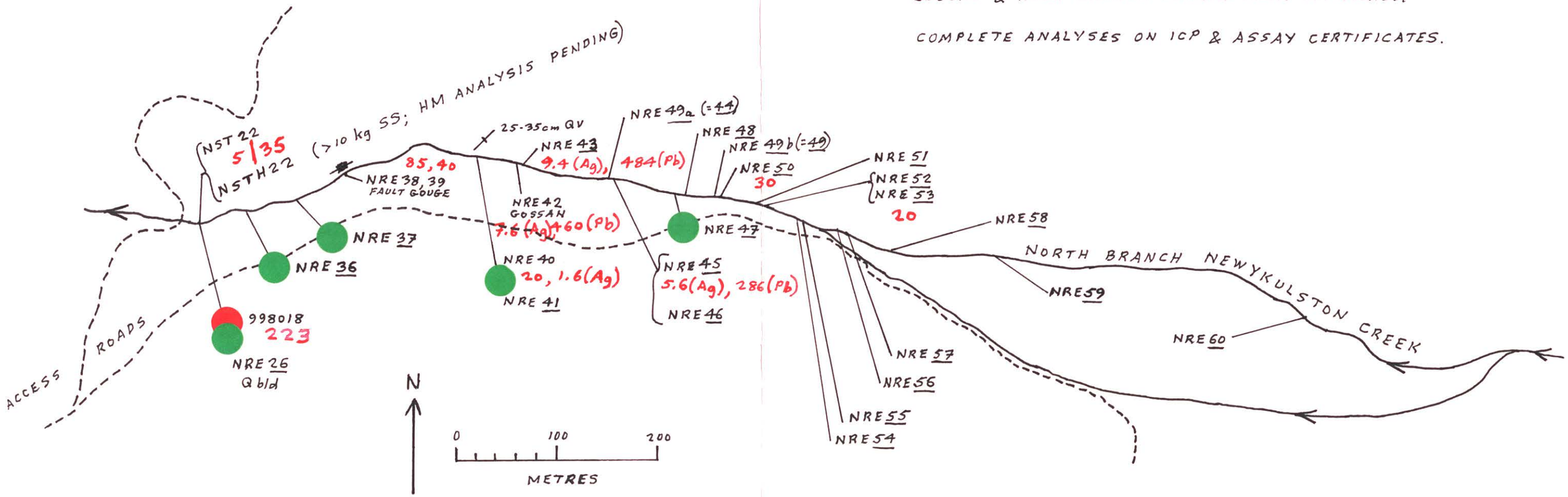
UNLABELED MAP DATA = ppb Au OTHER ELEMENTS = ppm

In the north branch of Newhykulston Creek angular clasts of "heavy," white to grey, medium to coarse grained, vein quartz are thinly dispersed for about 800 m in the stream bed. They range from 8 to 30 cm length and 4 to 15 cm in apparent vein width. Most are unmineralized, the rest contain 1to 3% fine grained pyrite+/-chalcopyrite and galena. The most signifcant results are:

			(----------ppm----------)				
	ppb Au	g/t Ag	Pb	Cu	Zn	Mo	
NRE26	55	73.0	3784	9	<1	30	
NRE36	35	109.6	5650	23	4	90	
NRE37	85	43.5	2108	12	2	34	
NRE41	35	14.2*	948	8	14	689	*note 14.2 **ppm** Ag
NRE47	30	92.5	6558	<1	26	30	

LEGEND & ROCK SAMPLE DESCRIPTIONS ATTACHED.

COMPLETE ANALYSES ON ICP & ASSAY CERTIFICATES.



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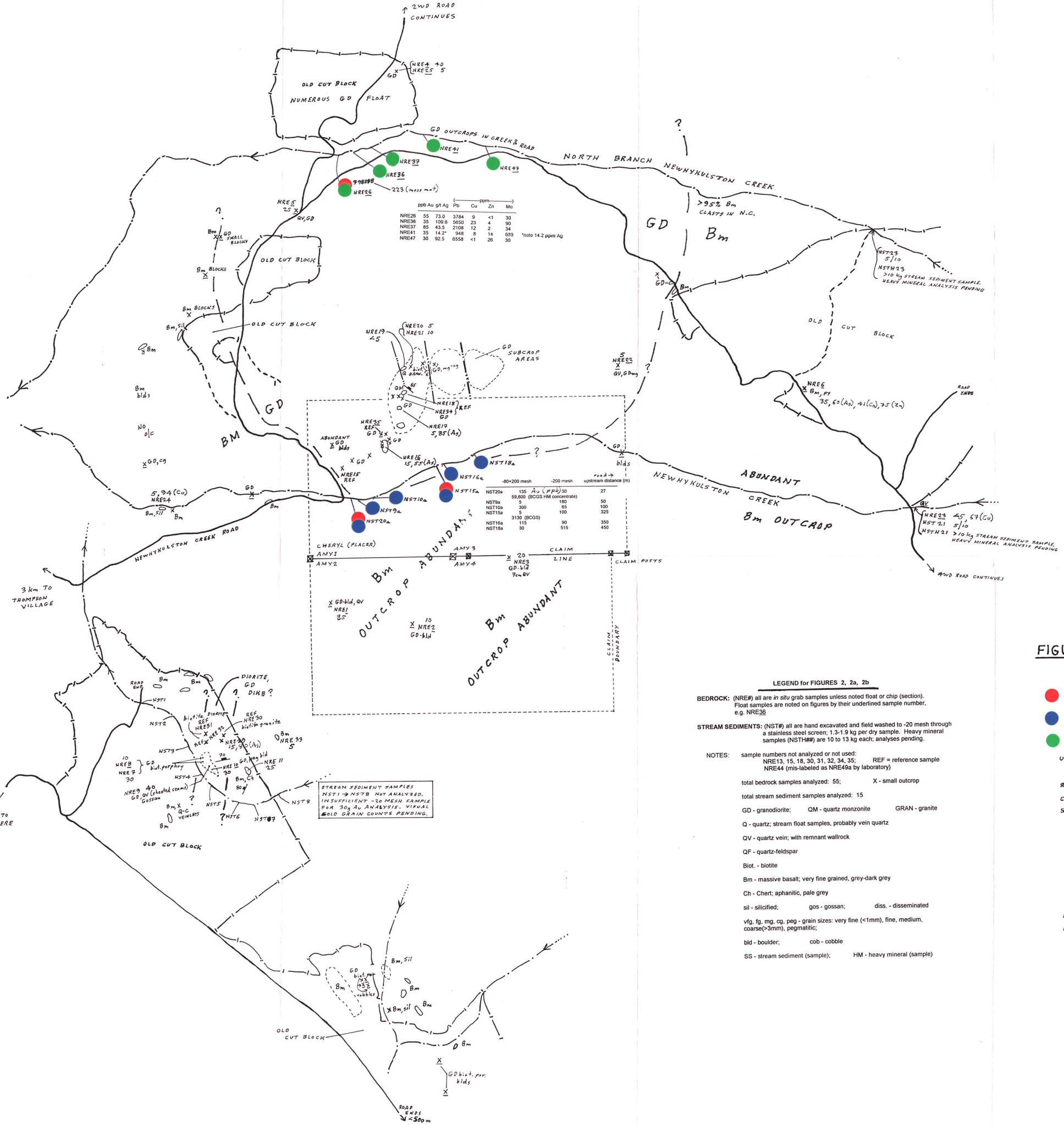
00-44 (1)



	ppb Au	g/t Ag	Pb	Cu	Zn	Mo
			(ppm)			
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*note 14.2 ppm Ag

	-80+200 mesh	-200 mesh	road → upstream distance (m)
	Au (ppb)		
NST20a	135	30	27
	59,600 (BCGS HM concentrate)		
NST9a	5	180	50
NST10a	300	65	100
NST15a	5	100	325
	3130 (BCGS)		
NST16a	115	90	350
NST18a	30	515	450

LEGEND for FIGURES 2, 2a, 2b

BEDROCK: (NRE#) all are *in situ* grab samples unless noted float or chip (section). Float samples are noted on figures by their underlined sample number, e.g. NRE36

STREAM SEDIMENTS: (NST#) all are hand excavated and field washed to -20 mesh through a stainless steel screen; 1.3-1.9 kg per dry sample. Heavy mineral samples (NSTH##) are 10 to 13 kg each; analyses pending.

NOTES: sample numbers not analyzed or not used: NRE13, 15, 18, 30, 31, 32, 34, 35; REF = reference sample NRE44 (mis-labeled as NRE49a by laboratory)

total bedrock samples analyzed: 55; X - small outcrop

total stream sediment samples analyzed: 15

GD - granodiorite; QM - quartz monzonite GRAN - granite

Q - quartz; stream float samples, probably vein quartz

QV - quartz vein; with remnant wallrock

QF - quartz-feldspar

Biot. - biotite

Bm - massive basalt; very fine grained, grey-dark grey

Ch - Chert; aphanitic, pale grey

sil - silicified; gos - gossan; diss. - disseminated

vfg, fg, mg, cg, peg - grain sizes: very fine (<1mm), fine, medium, coarse(>3mm), pegmatitic;

bld - boulder; cob - cobble

SS - stream sediment (sample); HM - heavy mineral (sample)

FIGURE 2

GEOLOGY & SAMPLING

- BCGS - ANOMALOUS STREAM SEDIMENT OR MOSS MAT DATA
- 2000 PROSPECTING - ANOMALOUS STREAM SEDIMENT DATA
- 2000 PROSPECTING - ANOMALOUS BEDROCK DATA

UNLABELED MAP DATA = ppb Au

OTHER ELEMENTS = ppm

ROCK SAMPLE DESCRIPTIONS ATTACHED

COMPLETE ANALYSES ON ICP & ASSAY CERTIFICATES

SAMPLING DETAILS OF NEWHYKULSTON CREEK & ITS NORTH BRANCH ON FIGS. 2a & 2b

N

0 100 200 300

METRES

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