BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	2000/2001
REPORT #:	PAP 00-23
NAME:	DAVID MOLLOY

2000 PROSPECTORS GRANT PROGRAM
ACTIVITIES CODES & TARGET AREAS

ACTIVITY CODE:
1. LOGISTICS, EQUIPMENT, PACK
2. MOB-DEMOB
3. DAILY EXPLORATION SCENARIO ON TOPOG MAPS, DETAIL MAPS
4. ROAD RECON, CLEARING
5. LOG SAMPLES
6. DATA PLOT, ENTRY
7. PACK, SHIP SAMPLES AT STEWART, SMITHERS
8. RAINOUT: LABEL SAMP BAGS, FLAGS; SUPPLIES, TRUCK MAINT
9. CLAIM RESEARCH, CLAIM STAKE, CLAIM RECORD
10. FOREST ROAD STATUS RESEARCH - AT LOC DIST OFFICES
11. RECON GEOL GEOCHEM SURVEYS
12. DETAILED SOIL GEOCHEM, GEOLOGICAL, STRUCTURAL SURVE
13. MEET GOV'T GEOL/DISTRIC MANAGER/ FIELD TRIPS
14. GRID INSTALLATION, CHAIN & COMPASS PROPERTY RDS,
15. REPORT

TARGET AREAS
A: POLY PROPERTY
B: RED PROPERTY
C: BEAR PASS
D BOWSER
E WHITE RIVER
F MEZIADIN LAKE

2000 PROSPECTORS GRANT TIME ALLOCATION

DAY/DATE	TARGET, ACTIVITIY (SEE CODE TABLE)	PARTICIPANTS	FIELD DAYS
1 JL 12	B:2., 4.	DM	1.00
2 JL 13	B:4., 8.	DM, DK	2.00
3 JL 15	B:3., 14.	DM, DK	2.00
4 JL 17	B:11., 14.	DM	1.00
5 JL 18	B:3., 12., 14.	DM	1.00
6 JL 19	B: 3., 12., 8., 6., 7.	DM	1.00
7 JL 21	B: 8., 5., 9.	DM	1.00
8 JL 22	C: 3., 12., 8.	DM	1.00
9 JL 23	C: 3., 12.	DM	1.00
10 JL 24	D: 3., 8.; B: 11.	DM	1.00
11 JL 25	C: 3., 11., 9.	DM	1.00
12 JL 26	F: 3., 8., 5., 7	DM	1.00
13 JL 27	F: 3., 12., 5.	DM, BC	2.00
14 JL 28	E: 12., 8., 5., 6.	DM	1.00
15 JL 29	8.A.; 5., 6,; C. 9.	DM	1.00
16 JL 30	D:12., 8., 5.	DM	1.00

2000 PROSPECTORS GRANT TIME ALLOCATION (CON'T)

DAY/DATE	TARGET, ACTIVITIY (SEE CODE TABLE)	PARTICIPANTS	FIELD DAYS
17 JL 31	8.A.; 5., 6,; C. 9., 7	DM	1.00
18 AUG 1	C:12; 8., 7.	DM	1.00
19 AUG 8	B: 8., 5., 6. 7.	DM	1.00
20 AUG 11	C:11; 6.	DM	1.00
21 AUG 12	B: 3., 11., 14.	DM	1.00
22 AUG 14	B: 3., 8., 11., 5,., 6.14.	DM	1.00
23 AUG 21	E: 12., 5.,	DM	1.00
24 AUG 22	D: 3., 12., 8., 5., 6., 7.	DM	1.00
25 AUG 24	B:3., 12., 8., 5.	DM	1.00
26 AUG 26	B: 3., 14., 11	DM	1.00
27 AUG 27	A: 3; 11; 9., 12.	DM, DK	2.00
28	A: 3., 12., 5., 6., 7	DM	1.00
29	A: 12., 5., 6., 7	DM	1.00
	TOTALS		33.00

GR00R

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

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SUMMARY OF RESULTS

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

Name David E Molloy Reference Number C6050149

LOCATION/COMMODITIES

(1) Project Area (as listed in Part A) Bitter Creek MINFILE No. if applicable Numerous - 104A 051

Location of Project Area NTS 104A/104H Lat 56°02 Long 129°54

Description of Location and Access In Clements L + Bitter Crk Valley ~ 12 Km E. of Stewart Via Hwy 37A to Bitter Crk Rd ~ to Bitter Crk Valley (rt branch) + Clements L (left branch)

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

D Kennedy B Sc + 25 years experience + 10 years in Stewart area

Main Commodities Searched For Gold, Copper

Known Mineral Occurrences in Project Area Lake Shore, Ore Mt. Mineral 104A 051

WORK PERFORMED

1. Conventional Prospecting (area) 4 Km²
2. Geological Mapping (hectares/scale) 2 Km²
3. Geochemical (type and no. of samples) Sediment, rock, soil, tailings pond, check muckpile (113)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify) RESEARCH, SURVEY HISTORIC MILL SITE - Rds, tailing pond, muckpiles, bldgs

Best Discovery

Project/Claim Name Bitter Crk/Red 4 Commodities Au, Cu, Ag

Location (show on map) Lat. See Map 3 Long IN REPORT Elevation

Best assay/sample type 3.4 g Au/t, 45.2 g Ag/t, 6.62% Cu (Subcrop); 3.15 g Au/t, 5.69 g Ag/t, 0.32% Cu (insitu)

Description of mineralization, host rocks, anomalies Rhyolite + rhyolitic breccia along west contact of Bitter Creek Valley (west Mordgonde Pluton - Solfide veins + stringers of massive sulfides - cpy, py, pyr, hem in silicified brecciated zones Cu, Au, Ag, Pb, Zn Soil Anomalies Correlate with Felsic Volc Host Rock Samples contain anomalous gold + copper

FEEDBACK: comments and suggestions for Prospector Assistance Program

Keep up good work!

D. TECHNICAL REPORT

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SUMMARY OF RESULTS

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Name David F Molloy Reference Number CC6500/1049

(2)

LOCATION/COMMODITIES

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

Location of Project Area NTS 104 A/4 Lat 56°07' Long 129°32'

Description of Location and Access 42 km E of Stewart on Hwy 37A to Windy Pt Rd - Road to avalanche Station

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)
Dave Kennedy BSc +25 years experience +10 years in Stewart Comp

Main Commodities Searched For Au, Ag, Cu, Pb, Zn

Known Mineral Occurrences in Project Area Stewart Highway Zone ~ 500 m north of Old Hwy 37A

WORK PERFORMED

1. Conventional Prospecting (area) ~1 km²
2. Geological Mapping (hectares/scale) ~1 km² / various
3. Geochemical (type and no. of samples) 23 B-Horizon Soil Samples
4. Geophysical (type and line km) 12 Rock Samples
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify) ROAD SURVEYS

Best Discovery

Project/Claim Name Entrance Peak/Poly 3 Commodities Au, Cu, Ag, Pb, Zn

Location (show on map) Lat See Map Long " " Elevation

Best assay/sample type FLOAT ROCK: 270 ppb Au, 295 ppm Cu
SOIL 20 ppb Au 311 ppm Cu; Sediment 3178 ppm Zn

Description of mineralization, host rocks, anomalies Sulphidized silicified Hazelton Group tuff & tuff breccia on west side of Entrance Peak, Quartz Monzonite Pluton, Qtz fracture zones with stockwork veins of massive to semi massive py, gal, sphal, cpy, magnetite or gossanous Fe, Cu, Zn, Pb, Ag, Au altered soil, Coalbed & rock moved SE extension of Stewart Highway Zone - +2 km

FEEDBACK: comments and suggestions for Prospector Assistance Program

Keep Up Good Work!

D. TECHNICAL REPORT

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SUMMARY OF RESULTS

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Name David E Molloy Reference Number CG6500 1049

LOCATION/COMMODITIES

(3)

Project Area (as listed in Part A) Strohn MINFILE No. if applicable N/A 1

Location of Project Area NTS 104A 4 Lat 56°06 Long 129°38

Description of Location and Access EAST END OF STROHN LAKE ~38 KM E OF STEWART ON HWY 37A TO OBSERVATION POINT ROAD → RIGHT TO GRAVEL PIT ROAD - LEFT TO WATERFALL AREA

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6) None

Main Commodities Searched For Au Ag Pb Zn

Known Mineral Occurrences in Project Area None

WORK PERFORMED

1. Conventional Prospecting (area) 1 Km²
2. Geological Mapping (hectares/scale) 1 Km² / 1:20,000
3. Geochemical (type and no. of samples) 5 ROCK FLOAT; 7 STREAM SEDS
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify) MAPPING OF DRAINAGE BASIN

Best Discovery

Project/Claim Name NO Claims Commodities

Location (show on map) Lat. SEE MAP Long INCLINED Elevation

Best assay/sample type SEDIMENT 1.4 ppm Ag, 12.2 ppm Pb, 500 ppm Zn, 56 ppm As, 440 ppm Ba

Description of mineralization, host rocks, anomalies HOST ROCKS - Tuff, Tuff breccia; banded argillite; no mineralization found to date. Consistent Pb, Zn Ag, Cd Anomalies In Soil Stream Seds - Important Target Postulated

FEEDBACK: comments and suggestions for Prospector Assistance Program

Keep up Good Work

D. TECHNICAL REPORT

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SUMMARY OF RESULTS

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Name David Holloy Reference Number CG6500/1049

LOCATION/COMMODITIES

(4)

Project Area (as listed in Part A) BOWSER MINFILE No. if applicable None

Location of Project Area NTS 104A/6 Lat 56°25' Long 129°26'

Description of Location and Access ~19 Km NW of Bowser R Bridge ON MAIN BOWSER LAKE LOGGING Road

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

None

Main Commodities Searched For Au, Ag Pb, Zn

Known Mineral Occurrences in Project Area None

WORK PERFORMED

1. Conventional Prospecting (area) ~1 Km²
2. Geological Mapping (hectares/scale) 1 Km² & various
3. Geochemical (type and no. of samples) SOILS - (8) STREAMS - (9)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

Best Discovery

Project/Claim Name None Commodities Au, Zn

Location (show on map) Lat See Map Long Include Elevation

Best assay/sample type Sediment - 480ppb Au

Description of mineralization, host rocks, anomalies NO MINERALIZATION TO DATE
Argillite HOST ROCKS - MINOR CARB ALTERATION
5 Au Anomalies - 2 STR SED SAMPLES, 1 SOIL
HIGH Ba IN SOILS, & IN SOME STR SEDS
SOME ELEVATED ZINC VALUES
BOWSER GROUP SEDIMENTS UNDERLIE MOST AREAS

FEEDBACK: comments and suggestions for Prospector Assistance Program KEEP UP GOOD WORK!

D. TECHNICAL REPORT

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

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SUMMARY OF RESULTS

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Name DAVID E MOLLOY Reference Number C66500/049

LOCATION/COMMODITIES

(5) Project Area (as listed in Part A) WHITE River MINFILE No. if applicable N/A

Location of Project Area NTS 104 A/12 Lat 55°57' Long 129°12'

Description of Location and Access EAST ON HWY 37 FROM MEZIADIN JUNCTION TO 500 M WEST OF NASS R BRIDGE - SOUTH WEST ON WHITE RIVER LOGGING ROAD FOR 9 KM

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

NONE

Main Commodities Searched For Au, Ag, Pb, ZN

Known Mineral Occurrences in Project Area NONE

WORK PERFORMED

1. Conventional Prospecting (area) ~1 Km²
2. Geological Mapping (hectares/scale) ~0.5 Km² / Various
3. Geochemical (type and no. of samples) 6 Stream Sed; 5 Soils
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. *Drilling (no. holes, size, depth in m, total m)*
7. Other (specify) ROAD CLEARING

Best Discovery

Project/Claim Name None Commodities

Location (show on map) Lat. SEE MAP ATTACHED Long Elevation

Best assay/sample type STRAM SED: 184 ppm Zn, 45 ppm Cu, 125 ppm Ni, 6.5 ppm Cd, 1020 ppm

Description of mineralization, host rocks, anomalies

No outcrop - argillite in area - Bowser Group Sediments Underlie Most Area. Most Samples have elevated Ba along with some Ag, Cu, Ni + Cd values

FEEDBACK: comments and suggestions for Prospector Assistance Program

Keep Up Good Work

D. TECHNICAL REPORT

- One technical report to be completed for each project area.
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SUMMARY OF RESULTS

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Name David E Molloy Reference Number C6650010 49

(6) LOCATION/COMMODITIES

Project Area (as listed in Part A) MEZIADIN LAKE MINFILE No. if applicable None

Location of Project Area NTS 104A/3 Lat 56° 05' Long 129° 23' W

Description of Location and Access HWY 37A ~50 Km East of Stewart TO MEZIADIN LAKE HWY CAMP - LAKE ACCESS VIA BOAT CHARTER FROM HWY CAMP

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

BOB CLARKE - HWY CAMP WOODSMAN, BUSH MAN

Main Commodities Searched For Au, Cu, Ag, Zn, Pb

Known Mineral Occurrences in Project Area None

WORK PERFORMED

1. Conventional Prospecting (area) ~1.0 Km² along lakeshore
2. Geological Mapping (hectares/scale) ~0.2 Km² @
3. Geochemical (type and no. of samples) 9 Stream Sediment Samples
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

Best Discovery

Project/Claim Name None Commodities Zn, Cu, Ni

Location (show on map) Lat. See Map Long APPENDED TO REPORT Elevation

Best assay/sample type SEDIMENT: 220 ppm Zn, 58 ppm Cu, 89 ppm Ni

Description of mineralization, host rocks, anomalies SULFIDIZED TUFF BRECCIA BOULDERS IN CRK - TOO FLOODED TO EXAMINE HAZELTON GROUP PYROCLASTIC ROCKS INTERBEDDED WITH SHALE, MUDSTONE; Anomalous Zn, Cu, Ni IN ALL Samples

FEEDBACK: comments and suggestions for Prospector Assistance Program Keep up good work

Assessment Report 26580 has been accepted in lieu of the supporting data required with the Technical Report on the Poly (Entrance Peak) property. Please refer to the Assessment Report for further details.

Search the Assessment Report Database

ARIS/www Detailed Summary Report

Assessment Report: 26580

Property Name	Entrance Peak
Mining Division(s)	Skeena
Camp	Stewart Camp
Location	NAD 27: Latitude: 56 07 00 Longitude: 129 32 00 UTM: 9 466836 6218979 NAD 83: Latitude: 56 06 59 Longitude: 129 32 07 UTM: 9 466716 6219163 NTS: 104A04E
Title of Report	Geochemical and Geological report on the Entrance Peak Project
Affidavit Date	2001-06-27
Claim(s)	Poly 2-3
Operator(s)	Geofine Exploration Consultants Limited
Owner(s)	Molloy, David E.; Geofine Exploration Consultants Limited; Kennedy, David Roy
Author(s)	Molloy, David E.; Kennedy, David Roy
Report Year	2000
No. of Pages	168 Pages
Off Confidential	2002-06-27

This report is confidential until June 27, 2002 .

Database last posted: November 01, 2001

For further information on mineral assessment reports or products, or comments/problems and/or suggestions for improvement please contact the Assessment Report Unit.

This page last updated: April 09, 2001

Assessment Report 26581 has been accepted in lieu of the supporting data required with the Technical Report on the Red (Bitter Creek) property. Please refer to the Assessment Report for further details.

Search the Assessment Report Database

ARIS/www Detailed Summary Report

Assessment Report: 26581

Property Name	Bitter Creek
Mining Division(s)	Skeena
Camp	Stewart Camp
Location	NAD 27: Latitude: 56 02 00 Longitude: 129 52 00 UTM: 9 445993 6209914 NAD 83: Latitude: 56 01 59 Longitude: 129 52 07 UTM: 9 445874 6210099 NTS: 104A04W
Title of Report	Geochemical and Geological Report on the Bitter Creek Project
Affidavit Date	2001-06-27
Claim(s)	Red 1-6
Operator(s)	Geofine Exploration Consultants Limited
Owner(s)	Molloy, David E.; Geofine Exploration Consultants Limited
Author(s)	Molloy, David E.; Kennedy, David Roy
Report Year	2001
No. of Pages	116 Pages
Off Confidential	2002-06-27

This report is confidential until June 27, 2002 .

Database last posted: November 01, 2001

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This page last updated: April 09, 2001

REPORT ON THE 2000 PROSPECTORS ASSISTANCE PROGRAM:

FOLLOW-UP GEOCHEMICAL AND GEOLOGICAL SURVEYS ON THE BITTER CREEK, ENTRANCE PEAK, MOUNT STROHN, BOWSER LAKE, WHITE RIVER, MEZIADIN LAKE EXPLORATION PROJECTS DELINEATED BY A 1999 REGIONAL STREAM SEDIMENT AND GEOLOGICAL EVALUATION (PROSPECTORS ASSISTANCE PROGRAM) OF HAZELTON GROUP AND COVERED HAZELTON GROUP LITHOLOGIES IN THE STEWART GOLD CAMP:

LATITUDE 56° 30' NORTH

LONGITUDE 130° 00' WEST

NTS 104A

SKEENA MINING DIVISION,

STEWART GOLD CAMP,

NORTHWESTERN BRITISH COLUMBIA

BY

DAVID E. MOLLOY

JANUARY 2001

SUMMARY: 2000 PROSPECTORS ASSISTANCE PROGRAM:

The 2000 Prospectors Assistance program comprised follow-up exploration activities on six projects (Bitter Creek, Entrance Peak, Mount Strohn, Bowser Lake, White River and Meziadin Lake) in the Stewart Gold Camp. Reconnaissance 1999 geochemical and geological surveys had outlined stream sediment geochemical anomalies associated with currently unexplored, Hazelton Group and covered Hazelton Group geological environments (Molloy, 2000).

The work could not have been initiated without the on-going financial assistance of the BC Prospectors Assistance Program and the invaluable support of the BC Ministry of Energy and Mines, particularly of the Smithers Regional Office. Appreciation is also expressed to Dave Kennedy, prospecting partner for some of the work.

The 2000 program was carried out from Stewart, BC, in July and August. Activities included the collection of 202 stream sediment, rock, soil and check samples and their analysis for gold (FA/AA) and 24 to 35 element ICP by ALS Chemex in Vancouver. As in 1999, the work was hindered by adverse field conditions, considered by many Stewart residents as the worst summer on record: cold temperatures; often torrential, incessant rain; and, 1999-2000 snow accumulations at higher elevations that have remained into 2001. The conditions proved particularly onerous for the follow-up of 1999 stream sediment anomalies: many streams were totally cleansed of sediments by high-energy runoff, which flooded many areas and which lasted throughout most of the summer.

A>*The Bitter Creek Project:*

The Bitter Creek Project is located in the Bitter Creek Valley and Clements Lake Areas, about 13 km east of Stewart. The project includes the Red Claims, which were expanded to six claims and 61 units in 2000. The historic Adam Mill is located on the property in the Bitter Creek Valley, to which muck was trucked from other mine sites in 1973. However, it is concluded that the 1999, high priority geochemical anomalies, located in Bitter Creek at Hwy 37A and on *the property, are not reflective of the historic mill site; but, of a prospective geological* environment with potential for hosting a substantial gold-copper deposit. In fact, the bismuth signature that is characteristic of the muck milled is also associated with in-situ and subcrop rocks on the property.

The geological environment includes favourably altered rhyolite and rhyolite breccia at the contact of the Eocene Bitter Creek quartz monzonite pluton. A polymetallic signature (gold, copper, silver, arsenic, +/- lead, zinc) is associated with the rocks and overlying soil, and has been traced to date for about 1.5 km south of the mill. For example, of the 18 in situ and subcrop rock samples collected in the Bitter Creek area of the property, 17 have strongly anomalous copper contents, ranging between 67 and 66200 ppm; 10 have anomalous gold contents between 25 and 3420 ppb; 5 have anomalous silver contents between 0.8 and 45.2 ppm; 2 have anomalous lead contents of 50 and 84 ppm; one has an anomalous zinc content of

156 ppm; three have anomalous arsenic ranging between 80 and 692 ppm; 7 have anomalous cadmium contents between 1 and 6.5 ppm; 7 have anomalous bismuth contents between 6 and 2160 ppm; and, six have anomalous tungsten values between 10 and 670 ppm.

Nine of the rock samples are from outcrop and 9 are interpreted as subcrop. All of the outcrop samples have anomalous copper contents ranging between 188 to 2920 ppm; and, seven of the samples have anomalous gold contents between 30 and 3150 ppb. The latter gold value came from a sample collected from a 10 cm wide quartz sulfide vein, which returned 3150 ppb gold, 5.6 ppm Ag, 64 ppm lead; 124 ppb zinc; 2920 ppm copper; 6 ppm arsenic; 3 ppm cadmium; 2160 ppm bismuth; and, 670 ppm tungsten. A composite sample of hanging wall and footwall rocks composed of rhyolite breccia contained 210 ppb gold; 413 ppm copper; 48 ppm bismuth and 150 ppm tungsten.

The most interesting subcrop sample (759744RS) was dug out of the overburden about 50 m southeast of the mill. The brecciated and silicified, angular, semi massive sulfide (pyrite and chalcopyrite) boulder returned 3420 ppb gold; 45.2 ppm silver; 84 ppm lead; 156 ppm zinc; 66200 ppm copper; 648 ppm arsenic; and, 464 ppm bismuth. Gold, silver, copper and zinc soil anomalies are located in the area of the sample. A sample (759745R) of similarly altered rhyolite from a nearby outcrop contained 90 ppb gold, 593 ppm copper, 6 ppm bismuth and 10 ppm tungsten.

Geological surveys indicate that the favourable felsic stratigraphy and its irregular contact with the quartz monzonite extends at least 600 m south of the mill, and is probably in excess of 200 m wide in the vicinity of the mill. Stream sediment surveys along the Bitter Creek road indicate the rhyolite extends for at least 1.5 km south of the mill and remains open for delineation in every direction.

The follow-up of 1999 stream sediment anomalies in the Clements Lake Area of the Red Property indicates the auriferous environment around the Bitter Lake Pluton is rather extensive. Favourably altered rocks of andesitic composition on the east side of the quartz monzonite contain anomalous gold values. On Ore Mountain above the tree line, historic adits, open cuts and pits expose favourably altered tuff and tuff breccia of the Hazelton Group. Initial chip samples have returned up to 1810 ppb gold, 21.2 ppm silver, 1010 ppm lead and 2150 ppm arsenic.

It is generally concluded from work on the Bitter Creek Project and on the Entrance Peak Project (referenced below), that Eocene intrusive rocks and their altered contacts are rather prospective environment for gold and polymetallic mineralization. Interesting in situ and sub crop mineralization has been discovered on the property and it is often signatured by bismuth, tungsten and arsenic – three of the most reliable indicators of auriferous environments in the Stewart Gold Camp.

It is recommended that the Bitter Creek Area of the property be followed-up along with the Clements Lake Area. The follow-up work in both areas should first include a detailed compilation to ascertain the precise location of all historic mineral occurrences, their reported

geology, access routes and historic work carried out on and in the vicinity of the property. For example, air photos suggest there are a number of historic bush roads and trails leading to the area of the Adam Mill from well above the Bitter Creek Road. Fieldwork indicates many of these are now overgrown by dense vegetation. Do these roads lead to mineral showings and occurrences, which supplied some muck to the stockpiles?

The compilation should also reference the regional structural fabric, including a major east-west trending fault that extends through the property and with which historic mineralization is associated to the west. Structural junctions on and in the vicinity of the pluton appear to offer important exploration targets. Based on the integration of the results of the compilation and those from this program, exploration targets would be prioritized for detailed follow-up. Current priorities include the sulfidized tuffs in the Clements Lake area; the felsic horizon at and to the east, west, south and north of the Adam Mill site; the rationale for the upper road network above the mill site; and, a number of rock and stream sediment anomalies in the southern area of the Bitter Creek Road.

A proposed 2001, Phase 1, $50,000 detailed follow-up budget would include some helicopter photography and photo interpretation for the delineation of structural fabric, bush road infrastructure and Ore Mountain historic mineralization sites and access; and, the utilization of two geologists for 30 days to carry out geological and geochemical surveys. The objective of the program would be the identification and initial prioritization of drill targets.

A>The Entrance Peak Project:

The Entrance Peak Project includes the Poly 1-7 Mineral Claims, located in the Entrance Peak area of the Strohn Creek Valley about 40 km east of Stewart. Four of the claims, which straddle Hwy 37A, were staked by the author as part of a 1999 BC Prospectors Assistance Program to cover the postulated along strike, southern extension of the Stewart Highway Zone, i.e., the 37A Zone. The zone is exposed in the streambed of Boundary Creek, on the north side of the Hwy 37A Valley, about 800 m north of the 37A Zone. Its importance was first indicated via talus blocks discovered just north of the old Hwy 37A, and which returned up to 56.85 g gold/t, 520 g silver/t, and 15.2% zinc (Kennedy, 1992).

The mineralization is associated with a north-northwest trending fracture system, located near the contact of brecciated and silica flooded Hazelton volcanic rocks and argillites of the Salmon Arm Formation. The zone is located on the west side of an Eocene quartz monzonite pluton and the mineralization comprises veins, stringers and disseminations of pyrrhotite, arsenopyrite galena, sphalerite, chalcopyrite, and tetrahedrite. Chip samples returned up to 9.85 g gold/t, 1163 g silver/t, 0.33% copper, 0.54% lead and 0.33% zinc across a 3 m width (Kennedy, 1992). Selective sampling of a sulfide rich section of a quartz vein returned 123.3 g gold/t, 1897 g silver/t, 0.85% copper, 5.79% lead and 0.47% zinc over 15 cm. The zone has never been evaluated with diamond drilling.

The Poly Claims cover one of the most prospective, and until 2000, generally unexplored

environments that the author has encountered in the Stewart Gold Camp. An indication of such potential is provided by the analytical results from a rock sample 686551RF, found in 2000 in Boundary Creek just north of the old Hwy 37A: 33.2 g gold/t, 5894.9 g silver/t, 1.42% copper, 0.46% lead and 1.19% zinc (Kennedy, 2001). Detailed follow-up of the 37A Zone was carried out by David Kennedy, assisted to a minor extent by the author, as part of Kennedy's 2000 Prospectors Assistance Program. The geological and geochemical surveys continue to confirm the importance of the 37A Zone (Kennedy, 2001) i.e., altered (silicified, sulfidized) tuff and tuff breccia of Hazelton Group have a polymetallic signature (gold, copper, lead, zinc, cadmium, arsenic) indicative that the important Stewart Highway Zone mineralization may have a strike length of over 1.4 km.

Further geological and geochemical surveys carried out under the author's 2000 BC Prospectors Assistance Program. The activities included the collection of 22 B-horizon soil samples, 12 rock samples and two stream sediment samples. The samples were analyzed for gold (FA/AA) and for another 34 elements (ICP). The results are indicative of at least an additional 500 m extension of the 37A Zone Target Area to the southeast; a current, 1 by 2km target area; and, a target area open for expansion in most directions. The geological surveys indicate the area is mainly overburdened covered. However, the ubiquitous angular, oxidized tuff breccia boulders are deemed to be rather representative of the underlying bedrock. The silicified boulders are often mineralized with disseminated pyrite, arsenopyrite, pyrrhotite and traces of sphalerite, galena and chalcopyrite. The 12 samples of float rock and sub crop have gold and copper contents ranging between <5 and 270 ppb and 18 and 293 ppm, respectively. Eleven of the samples have anomalous gold and copper contents which average 79 ppb and 184 ppm, respectively.

Twenty-two soil samples have gold and copper contents ranging between <5 and 70 ppb and 27 and 311 ppm, respectively. Seventeen of the samples have anomalous gold values that average 32 ppb; 20 of the samples have anomalous copper contents which average 127 ppb; twelve of the samples have anomalous zinc contents which average 201 ppm; eight of the samples have anomalous lead contents which average 40 ppb; and, fourteen of the samples have anomalous arsenic values which average 56 ppm.

The two stream sediment samples taken near the south contact of the quartz monzonite pluton have weakly anomalous gold values and strongly anomalous copper values. One of the samples has an anomalous lead content of 40 ppm; and, a strongly anomalous zinc content of 3190 ppm.

It is recommended that a grid with lines at a 25 m spacing and orientated east west be installed from Strohn Creek in the south to the Stewart Highway Zone in the north, as topography permits. The gridded area would include the power line corridor south of Hwy 37A, the new Hwy 37A and the old Hwy 37A. Work to date suggests that the target mineralization is associated with sulfidized fracture zones, particularly where silicification is most intense. IP and magnetometer surveying is thus proposed to locate chargeability and associated resistivity and magnetic anomalies, in order to delineate the southern strike extension of the Stewart Highway Zone and parallel zones. Geological and geochemical surveys would be carried out

on the grid to follow-up and prioritize the IP anomalies as drill targets. A $95,000 budget is proposed to advance the property to the diamond drilling stage in 2001.

C>MOUNT STROHN PROJECT:

The Mount Strohn Project is located about 35 km east of Stewart, just east of Strohn Lake on the north side of Mount Strohn. The 1999 stream sediment survey had located a lead, zinc, cadmium, and barium anomaly in a favourable Hazelton Group geological environment. Follow-up, 2000 geochemical and geological surveys first required the unravelling of one of the most fascinating drainage environments encountered in the Stewart Gold Camp. Activities were also hindered by flooded streams and by high-energy run-off removing most of the sediments.

Seven stream sediment samples were collected from the various creeks below the waterfalls on the north side of Mount Strohn. All the samples have anomalous silver values ranging between 1 an d 1.6 ppm; very anomalous lead values between 94 and 118 ppm; very anomalous zinc values between 406 and 500 ppm; and, anomalous cadmium values between 2.5 and 5.0 ppm. Six samples have anomalous barium values ranging between 328 and 410 ppm, and two samples have anomalous copper values of 42 and 43 ppm. The various creeks were followed up stream to their principal source – the waterfalls at the base of Mount Strohn, the steep north side of which rises over 1000 m to the mountain top. Two stream sediment samples were taken near the base of the falls and their contents are part of the anomalous geochemical signature noted above, which includes their lead values of 106 and 122 ppm, and zinc values of 410 and 500 ppm.

Five rock samples comprising altered, banded argillite and altered tuff breccia were taken from the talus pile below the falls. Only one of the samples provided any indication of the host rock of the geochemical target i.e., sample 759831RFC, which returned 0.8 ppm silver, 300 ppm zinc, 48 ppm copper and 4.5 ppm cadmium.

It is concluded that a rather strong and consistent lead-zinc-cadmium stream sediment anomaly is located in the Divide Creek Area. The anomaly appears to have a source in the cliffs above, on the south side of Strohn Valley, which is drained by Great Divide Creek. However, it is intriguing that the anomaly, particularly the lead and cadmium components, remains so strong and consistent in all the sediment samples collected. The only indication of the possible host rock type is from a composite sample of banded, pyritized argillite, but that sample lacks the anomalous lead and barium components of the stream sediment anomaly.

It is recommended that the rather unique anomaly is be followed-up, with the following parameters comprising an essential part of the strategy: follow-up above the falls will probably require helicopter access; however, a small number of sediment samples, if sample material is available, should provide substantial indications of a target on the mountain side; Great Divide Creek marks the east boundary of the Bear Pass park area, in which claim staking is not allowed; the main target area may be located at or in proximity to the height of

land itself i.e., the target may be located both below and above the falls on the east boundary of the park; a small soil geochemical survey over the height of land may provide some immediate definition of the specific follow-up target.

D>BOWSER LAKE PROJECT:

The Bowser Lake Project is located on the main Bowser Lake logging road, north of Bowser Lake, about 19 km west of the Bowser River Bridge. The area is underlain by Bowser Group sediments (argillite, shale, sandstone, mudstone) and is devoid of known mineral occurrences. Interest in the area was generated by the results of two 1999 stream sediment samples (160248SS and 160249SS; Molloy, 2000). The former sample was taken 19.9 km west of the Bowser River Bridge, on a small seep creek on the edge of the logging road. It returned anomalous silver, copper, nickel, zinc, cadmium and barium i.e., 1 ppm, 56 ppm, 79 ppm 1595 ppm, 2.5 ppm and 330 ppm, respectively. The latter sample was taken 0.9 km to the east of the former sample and contained 392 ppm zinc, without other anomalous elemental associations.

Follow-up 2000 geological and geochemical surveys included the collection of a total of 9 stream sediment samples and 7 soil samples in the two areas. Although the follow-up samples did contain some anomalous copper and nickel (typical of Bowser Group terrains) and some anomalous barium and silver, the anomalous zinc values were not repeated. The zinc anomalies are interpreted as hydromorphic saline anomalies, which in part can probably be attributed to scavenging by iron and manganese. The torrential rainfalls of the summer of 2000 apparently diluted the zinc values.

Normally, no further work would be recommended. However, two anomalous gold values (30 and 90 ppb) were retuned from the western or OOZ 1 Area; and, one very anomalous gold value (480 ppb) was returned from the eastern or OOZ 2 Area. Based on the author's experience, such values are rather intriguing in Bowser Group sediments, which are usually devoid of gold anomalies. Moreover, the analytical technique used for the gold analyses had a lower detection limit of <30 ppb. As noted in the assessment report on the Bitter Creek Project (see attached), when a number of the <30 ppb gold values from the Red Property were re-run, most then had anomalous values in the 10 to 80 ppb range.

It is recommended that all the Bowser samples with <30 ppb gold values be re-run with a detection limit of <5 ppb. If an additional number of samples are then shown to have anomalous gold contents, claim staking and a detailed follow-up soil geochemical survey should be carried out.

E>WHITE RIVER PROJECT:

The White River Project is located south of Meziadin Lake, on the White River logging road about 9 km west of Hwy 37A. The project geological environment and follow-up stream sediment anomaly targets are very similar to those of the Bowser Lake Project: zinc stream sediment anomalies (up to 956 ppm) in an area underlain by Bowser Group sediments. The main obstacle to the 2000 follow-up activities in the White River Area was flooding: road washouts, flooded creeks and the general lack of sediment.

Two areas could be investigated to some extent: Bear Seep 1 and Bear Seep 2, located 10.5 and 9 km, respectively, west of Hwy 37A. As was the case for the Bowser Lake Project targets referenced above, the zinc anomalies could not be repeated in confirmation samples. However, weakly anomalous zinc (142 ppm) was found in a soil sample (759819SO) of spectacularly oxidized (limonite, jarosite-alunite), B-horizon material, along with very anomalous barium (510 ppm) at Seep 1.

At Bear Seep 2, three of the stream sediment samples have anomalous silver contents ranging between 1.4 and 1.8 ppm; cadmium contents ranging between 1.5 to 6.5 ppm; and, copper contents ranging between 45 and 56 ppm. All four sediment samples have anomalous barium ranging between 340 to and 1020 ppm. Two of the samples have anomalous nickel contents of 57 and 125 ppm. One sample (759823SS), the farthest upstream has an anomalous zinc content of 184 ppm, along with the aforementioned 6.5 ppm cadmium value and the 1020 ppm barium value.

Follow-up of the two zinc values is recommended when the two creeks are at normal levels and when Seep 1 is not enveloped in devils club. The oxidized soil horizon at Seep 1 is similar to such horizons associated with important targets in the Stewart Camp e.g., the red-yellow B-horizon overlying the felsic volcanic rocks on the Red Claims; and, the oxidized B-horizon overlying the sulfidized tuff breccias on the Poly Property. The zinc anomaly at Seep 2 has the important cadmium verifier that is so indicative of lead-zinc-silver targets in the Stewart Gold Camp.

6>Meziadin Lake Project:

The 1999 regional geochemical and geological program located a number of interesting stream sediment anomalies (i.e., gold, lead, zinc, copper, nickel, arsenic) in the Meziadin Lake Area, particularly in streams flowing into the northwest area of the lake. The geology includes altered tuffs of the Hazelton Group and overlying shalely sediments of the Bowser Lake Group.

The onerous conditions referenced during the White River Project i.e., flooding, few fines and incessant rain continued throughout most of the summer in the Meziadin Lake Area. Such conditions and the steep topography which rises over 1000 m from the south shore of the northwest area of the lake entails high-energy stream flows, flooded banks and near impossible sampling environments.

In view of the field conditions, some confirmation and follow-up stream sediment sampling could only be accomplished with regard to the 1999 samples 160457SS (53 ppm copper, 76 ppm nickel, 154 ppm zinc), 160456SS (75 ppb gold, 45 ppm copper, 72 ppm nickel, 140 ppm zinc), and 160455SS (69 ppm copper, 92 ppm nickel, 222 ppm zinc). A total of 7 stream sediment samples were collected in 2000. Four these samples were collected in the follow-up of sample 160456SS, but two of these samples were apparently lost in their shipment from Smithers to Vancouver. Of the five samples analyzed, all have anomalous zinc contents ranging between 156 to 220 ppm, copper contents between 50 and 58 ppm and nickel contents between 78 and 89 ppm; however, the samples have no anomalous cadmium, barium, gold, arsenic or lead contents.

It is concluded that the aforementioned zinc anomalies would normally be regarded as of some interest, but the follow-up samples are apparently devoid of the usual associated "verifiers" such as silver, lead, and cadmium. Bowser Group sedimentary terrains are characterized by anomalous copper and nickel (Molloy, 2000), and such anomalous values without any other verifiers are common and without apparent significance. However, the dilution effect on sediment anomalies by high-energy runoff is well know to the author, particularly in the northeastern and central areas of the Stewart Camp.

In view of the favourable geology on the South Shore of Meziadin Lake, including sulfidized pyroclastic rocks of the Hazelton Group, it is recommended that, as a low priority follow-up activity carried out only when field conditions are very permissive, a traverse be made up the stream, which returned the gold anomaly in sample 160456SS. A number of sulfidized, angular boulders were apparent in the middle of the flooded stream, and when normal flow conditions prevail, the boulders could provide critical information about the postulated targets upstream.

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FOLLOW-UP GEOCHEMICAL AND GEOLOGICAL SURVEYS ON THE BITTER CREEK, ENTRANCE PEAK, MOUNT STROHN, BOWSER LAKE, WHITE RIVER, MEZIADIN LAKE EXPLORATION PROJECTS

A. INTRODUCTION:

The 2000 Prospectors Assistance Program followed-up a number of the stream sediment anomalies and associated geological environments delineated during the 1999 regional program, which was executed by the author (Molloy, 2000). The rationale for the regional program focused on the favourable Hazelton Group lithologies and postulated covered lithologies, which host most of the significant gold and copper mineralization in the camp and which are regarded by the author as extremely prospective for the discovery of new, world-class polymetallic deposits.

In view of the high energy drainage regimes, extensive overburden and Bowser Group sedimentary cover on the margins of the Stewart Gold Camp, and limited road access, the successful application of the program in the camp involves considerable patience, careful interpretation of often subtle anomalies, and detailed follow-up surveys with relevant deposit models and geochemical signatures in mind. In view of the current lack of exploration activity and the lapse of many claim groups, it is obviously an opportune time to generate new targets for the soon anticipated major up turn in the mineral industry in BC.

As discussed below, the significance of the low cost programs is readily apparent. For example, two rather important exploration targets were quickly identified during the 1999 activities: the 37A Zone in the Entrance Peak Project Area; and, the Bitter Creek Valley felsic stratigraphy in the Bitter Creek Project Area. Follow-up work in 2000 has verified the importance of the targets, even though there are no reported historic showings or exploration activities in the specific target areas.

Relevant Stewart Camp exploration rationale and models, hosted by altered Hazelton Group rocks, include the Eskay Creek VMS deposit with 1999 reserves of about 2.1 million tonnes containing 2.63 M oz of gold and 116.06 M oz of silver, and with a total deposit size of 7.1 M oz gold equivalent; the historic Silbak-Premier deposit, which produced 56,000 kg of Au and 1,281,400 kg of Ag from 1918 to 1976; and, the Marc Zone, Red Mountain type mineralization (auriferous pyrite and chalcopyrite in fracture controlled, often brecciated zones associated

with Jurassic intrusions), which totals about 1 M oz grading about 10 g Au/t. Eocene intrusions, as demonstrated in this report, are also considered to have important gold and polymetallic potential, which appears to have been overlooked historically.

The 2000 exploration follow-up programs carried out on the six projects are summarized below. These projects, with respect to the 2000 program proposal are:

PROJECT NAME; AREA OR PROPERTY NAME:	2000 ASSISTANCE PROGRAM APPLICATION TARGET NO.:	NTS LOCATION:
1.> ENTRANCE PEAK; POLY PROPERTY	ADDED TO 2000 PROGRAM WITH PERMISSION OF PROGRAM COORDINATOR	104 A/4
2.> BITTER CREEK; RED PROPERTY	5.	104 A/4
3.> MOUNT STROHN; GREAT DIVIDE CREEK AREA	4.	104 A/4
4.> BOWSER LAKE; WIZARD OF OOZ AREAS	1.	104 A/6
5.> WHITE RIVER; BEAR ONE, BEAR TWO SEEP AREAS	3.	104 A/12
6.> MEZIADIN LAKE; SOUTH SHORE AREA	2.	104 A/3

Activities on the Poly and Red Properties are described in separate assessment work reports, each of which is appended to this report. The Summaries from these reports are also included in this report as Section 1 and 2. The work in the four remaining areas is summarized in Sections 3-6 in the order listed above. The ALS Chemex Certificates of Analysis are included in appendices at the end of each section.

1. SUMMARY: 2000 BITTER CREEK PROJECT CARRIED OUT ON THE RED 1-6 MINERAL CLAIMS (FROM APPENDED 2000ASSESSMENT WORK REPORT):

The Red 1-6 Mineral Claims are located in the Bitter Creek and Clements Lake Areas of the Stewart Gold Camp of Northwestern British Columbia. The 6 contiguous claims comprise 61 Claim Units and cover about 15 square km. The Red 1-4 Claims were staked in September 1999, as part of a regional geochemical stream sediment and geological evaluation (i.e., a BC Prospectors Assistance Program) of various, currently unexplored environments in the camp (Molloy, 2000). In 2000, the Red 3 Claim was re-staked as New Red 3, to cover open ground; and, the Red 5 and Red 6 Claims were staked as part of the 2000 follow-up activities.

The 1999 geochemical program had almost immediately identified interesting, polymetallic targets in the Bitter Creek Valley (Molloy, 2000). Initial follow-up activities indicated that an historic mill complex was located in one of the target areas. Research in 1999 and 2000 first indicated that mill feed had apparently come from a source or sources in proximity to the mill. However, data provided by the BC government on August 14, 2000 indicated that the mill was owned by the Adam Milling Company and operated from April until September 1973. The mill was apparently built to treat copper-gold ore from the Red Cliff deposit on American Creek and from the Roosevelt deposit farther up Bitter Creek (Minfile 104A037).

The author's current interest in the Bitter Creek and Clements Lake Areas is based primarily on the favourable geological environment, which includes the Eocene Bitter Creek quartz monzonite pluton, a satellite of the Coastal Plutonic Complex; and, proximal, altered Hazelton Group Rocks, including Unuk River Formation andesite rhyolite flows, and pyroclastic rocks, including crystal tuff and crystal tuff breccia. The environment becomes particularly interesting when the various stream sediment anomalies are referenced with respect to specific geological settings on the property, and in terms of the relevance of such polymetallic anomalies obtained from similar environments elsewhere in the Stewart Camp. For example, the geology of the Poly Property (Molloy, 2000P) includes the Entrance Peak quartz monzonite pluton, in the vicinity of which polymetallic stream sediment and soil anomalies are indicative of rather prospective and only recently discovered, new gold-copper-silver-lead-zinc targets.

The 2000 Bitter Creek Project was also carried out a under the BC Prospectors Assistance Program as part of a regional project. In addition to the aforementioned claim staking, the exploration activities included compass and chain surveying of access roads, mill site roads, trails, and hiking trails; the installation of various flagged grid and control lines; detailed and reconnaissance geological and geochemical surveys, including the collection of 113 stream sediment, rock, soil and check samples and their analysis for gold and 34 element ICP; and, some airborne investigation to ascertain possible local source areas of the Adam Mill's feed.

1.A> Bitter Creek Area Geological and Geochemical Surveys:

All of the 10 stream sediment samples collected in the Bitter Creek Valley on the Red Property have anomalous copper and cadmium contents ranging between 64 and 2330 ppm and 1 and 5 ppm, respectively. Six samples have anomalous lead contents ranging between 20 and 268 ppm; 9 samples have anomalous zinc contents between 130 and 346 ppm; 5 samples have anomalous arsenic contents between 32 and 80 ppm; three samples have anomalous gold values between 30 and 120 ppb; and five samples have anomalous silver values between 0.8 and 4.4 ppm.

The stream sediment samples are indicative of at least two areas of interest: Area 1> an area located about 1.2 km south of the historic mill on the Bitter Creek Road (sample 759713SS: 346 ppm zinc, 100 ppm copper; 80 ppm arsenic; 5 ppm cadmium; and sample 759714SS: 120 ppb gold; 150 ppm zinc, 79 ppm copper, 40 ppm arsenic); and, Area 2> the Mill Area (e.g. sample 759788SS, a retake of the original discovery sample 160207SS, located on the Bitter Creek Road about 70 m north of the mill: 35 ppb gold; 4.4 ppm silver; 256 ppm lead; 268 ppm zinc; 2330 ppm copper). The original sample contained 50 ppb gold; 5 ppm silver; 372 ppm lead; 346 ppm zinc; and, 1325 ppm copper.

Four of the 54 soil samples collected on the property in the Bitter Creek Valley were taken from the historic tailings pond, which is now dry and located about 250 m north of the mill. The four samples have gold contents ranging between 300 and 510 ppb; silver contents between 4.4 and 5.5 ppm; lead contents between 18 and 68 ppm; zinc contents between 8 and 22 ppm; copper contents between 188 and 840 ppm; arsenic contents between 42 and 74 ppm; and bismuth contents between 34 and 52 ppm. The analytical results are somewhat suggestive of the metals recovered in the mill i.e., gold, copper, and silver from rock with a distinctive arsenic-bismuth signature.

The remaining 50 B-horizon soil samples were mainly taken on grid lines in the vicinity of the mill. Twenty-five have anomalous gold values ranging between 10 and 360 ppb; 34 have anomalous silver values between 0.8 and 25 ppm; 35 have anomalous copper values between 40 and 1550 ppm; 19 have anomalous arsenic contents between 30 and 48 ppm; 2 have anomalous zinc contents of 172 and 1270 ppm; 4 have anomalous bismuth contents between 6 and 144 ppm; and two have anomalous W contents of 20 and 70 ppm. The results are rather reflective of the favourable rhyolite and rhyolite breccia horizon exposed on the east edge of the Bitter Creek Road. The felsic rocks appear to have been intruded by the quartz monzonite pluton, with which they have both sharp and gradational contacts. A large majority of the soil samples taken within 100 m of the east side of the road have anomalous silver, lead, copper, and arsenic values. The higher zinc values are also located in this area, along with the majority of anomalous gold values.

The gold anomalies are not limited to the area of the historic mill site e.g. the second and third highest gold values (120 and 95 ppb) and the second highest copper value (524 ppm) were obtained on higher ground, to the east of the site. The most interesting soil sample (759769SO)

was dug from the bank above the culvert where the aforementioned stream sediment samples 759788SS and 160207SS were taken. The soil sample returned 125 ppb gold; 25 ppm silver; 1510 ppm lead; 2270 ppm zinc; 34 ppm arsenic, 8 ppm cadmium and 26 ppm bismuth. The significance of this apparently important sample has yet to be fully ascertained: while its metal contents could be possibly due to run off from the muck pile to the east or from the mill site to the south, there is little evidence of any such historic metal dispersion or contamination elsewhere on the property, except in the tailings pond.

The second most interesting soil sample (759753SO) was taken about 200 m south of the mill, just east of the Bitter Creek Road. It returned 360 ppb gold; 0.8 ppm silver; 28 ppm lead; 124 ppm zinc; 249 ppm copper; 32 ppm arsenic; 1.5 ppm cadmium; 144 ppm bismuth; and, 70 ppm tungsten. The third most interesting soil sample (759758SO) was taken east of all historic infrastructure on the property – about 8 m east of, and above the main muck pile. It contained 95 ppb gold; 6 ppm silver; 44 ppm lead; 28 ppm zinc; 524 ppm copper; 42 ppm arsenic; and, 24 ppm bismuth.

Of the 22 rock samples collected on the property in the Bitter Creek Area, 4 are composite samples of the two main mineralization types on the 2 muck piles located about 100 m above the mill. The smaller dump pile contains quartz-carbonate breccia vein material mineralized with disseminations and fracture fillings of galena, sphalerite and chalcopyrite. Two samples (759729RM and 759730RM) returned 870 and 60 ppb gold; 451.0 and 44.4 ppm silver; 4240 and 7660 ppm lead; 8810 and 44700 ppm zinc; 16 and 6 ppm arsenic; 136.5 and 486.0 ppm cadmium; and 2 and 24 ppm bismuth, respectively.

The two composite samples (759731RM, 759732RM) of semi massive sulfides (coarse pyrite and massive chalcopyrite in silicified, brecciated volcanic rock) from the main pile contained 870 and 2340 ppb gold; 10 and 35 ppm silver; <2 and 50 ppm lead; 124 and 206 ppm zinc; 4670 and 35600 ppm copper; 204 and 692 ppm arsenic; 3 and 6 ppm cadmium; and 80 and 220 ppm bismuth.

Of the remaining 18 rock samples collected in the Bitter Creek area of the property, 17 have strongly anomalous copper contents, ranging between 67 and 66200 ppm; 10 have anomalous gold contents ranging between 25 and 3420 ppb; 5 have anomalous silver contents ranging between 0.8 and 45.2 ppm; 2 have anomalous lead contents of 50 and 84 ppm, one has an anomalous zinc content of 156 ppm; three have anomalous arsenic contents ranging between 80 and 692 ppm; 7 have anomalous cadmium contents ranging between 1 and 6.5 ppm; 7 have anomalous bismuth contents ranging between 6 and 2160 ppm; and, six have anomalous tungsten values ranging between 10 and 670 ppm.

Of the 18 aforementioned rock samples, 9 are from outcrop and 9 are interpreted as subcrop. All of the outcrop samples have anomalous copper contents ranging between 188 to 2920 ppm; and, seven of the samples have anomalous gold contents ranging between 30 and 3150 ppb. The latter gold value came from rock sample 759752R, collected from a 10 cm wide quartz sulfide vein, and located above the aforementioned soil sample759753SO. The rock sample

returned 3150 ppb gold, 5.6 ppm Ag, 64 ppm lead; 124 ppb zinc; 2920 ppm copper; 6 ppm arsenic; 3 ppm cadmium; 2160 bismuth; and, 670 ppm tungsten. A composite sample (759753R) of hanging wall and footwall rocks composed of rhyolite breccia contained 210 ppb gold; 413 ppm copper; 48 ppm bismuth and 150 ppm tungsten.

The most interesting subcrop sample (759744RS) was dug out of the overburden about 50 m southeast of the mill. The brecciated and silicified, angular, semi massive sulfide (pyrite and chalcopyrite) boulder returned 3420 ppb gold; 45.2 ppm silver; 84 ppm lead; 156 ppm zinc; 66200 ppm copper; 648 ppm arsenic; and, 464 ppm bismuth. Silver, copper and zinc soil anomalies are located in the area of the sample. A sample (759745R) of similarly altered rhyolite from a nearby outcrop contained 90 ppb gold, 593 ppm copper, 6 ppm bismuth and 10 ppm tungsten.

Geological surveys indicate that the favourable felsic stratigraphy and its irregular contact with the quartz monzonite extends at least 600 m south of the mill, and is probably in excess of 200 m wide in the vicinity of the mill. The rhyolite and rhyolite breccia remain open for delineation in every direction.

It is concluded from work in the Bitter Creek Valley, that the Adam Mill was built on prospective geology, which continues to offer interesting exploration targets. The copper-gold –bismuth signature of the rhyolite and rhyolite breccia, along with the numerous historic mining claims staked in the area, many of which have recently come open, support, this interpretation.

Although it is firmly documented that the mill feed came from other properties, it is somewhat intriguing that in situ and subcrop mineralization on the property can have a geochemical signature, including bismuth), and alteration that is rather similar to that of the muck on the largest stock pile (e.g., sample 759752R vs. 759731RM). In addition to bismuth, one of the muck samples and a number of the rock samples from the property have anomalous tungsten contents. Based on the author's experience, tungsten is often associated with specular hematite, which is one of the most reliable and important indicators of gold potential in the Stewart Camp.

It is recommended that the Bitter Creek area of the property be followed-up along with the Clements Lake area, which is summarized below. The follow-up work in both areas should first include a detailed compilation to ascertain the precise location of all historic mineral occurrences, their reported geology, access routes and historic work carried out on and in the vicinity of the property. For example, air photos suggest there are a number of historic bush roads and trails leading to the area of the Adam Mill from well above the Bitter Creek Road. Fieldwork indicates many of these are now overgrown by dense vegetation. Do these roads lead to mineral showings and occurrences, which supplied some muck to stockpiles? The currently apparent follow-up targets, which include a number of geochemical anomalies and geological environments outlined by the 2000 work, should be prioritized for 2001 follow-up work based on the results of the compilation.

1.B> Clements Lake Area Geological and Geochemical Surveys:

The Red 5 and 6 Mineral Claims were staked based on the positive results from the 1999 program (Molloy, 1999); and, on the favourable indications from the 2000 work in the Bitter Creek Area. The Bitter Creek quartz monzonite pluton dominates the geology south of Clements Lake. The 1999 work delineated stream sediment anomalies, which were confirmed via the 2000 results. Of the 9 stream sediment samples taken, 8 have anomalous copper contents ranging between 47 and 173 ppm; seven samples have weakly anomalous silver contents between 0.8 and 1.8 ppm; six samples have anomalous lead contents between 22 and 48 ppm; seven samples have weakly anomalous zinc contents between 138 and 176 ppm; six samples have anomalous arsenic between 36 and 146 ppm; and three samples have weakly anomalous gold contents between 10 and 20 ppb. All three streams draining north into Clements Lake have polymetallic sediment anomalies, with the Middle and East Creeks having the strongest gold, copper and arsenic values.

As in the case of the Bitter Creek area, the anomalies are postulated to have sources in altered rocks near or at the contact with the quartz monzonite pluton. The initial follow-up of the East Creek anomaly located a large outcrop of pyritized crystal tuff, a composite sample (759847RF) of which returned 25 ppb gold and 94 ppm copper. Further follow-up of the East and Middle Creek anomalies lead to the discovery of some historic pits and adits at about the 1300 m elevation, about 1.5 km south of Clements Lake. The area is accessible by the Ore Mountain Hiking Trail.

Four contiguous panel samples (686801RP-686804RP) of sulfidized tuff breccia (pyrite veins, stringers) were taken in a small open cut into the hillside. The samples have gold contents ranging between 195 and 1810 ppb and averaging 618 ppb; silver contents between 3.6 to 21.2 ppm and averaging 8.5 ppm; lead contents between 80 and 1010 and averaging 438 ppm; zinc contents between 148 and 216 ppm, and averaging 170 ppm; and, arsenic contents between 348 and 2150 ppb and averaging 917 ppm. A fifth, composite sample (686805RC) was taken from a pit located about 70 m north of the open cut and returned 20 ppb gold, 1.2 ppm silver, 88 ppm lead, 594 ppm zinc and 88 ppm arsenic. Weather conditions did not allow the examination of an adit located about 50 m below the pit.

It is concluded that the geological environment of the Clements Lake Area of the Bitter Creek Pluton also offers interesting polymetallic exploration targets. The area, and the Bitter Creek Valley Area apparently have not been subject to recent detailed exploration scrutiny via discovery criteria that have been used successfully, elsewhere in the Stewart Camp. The Red Property is deemed to have sufficient favourable attributes for the initiation of such detailed follow-up work.

The compilation contemplated above in Section A is an important prerequisite. It should also reference the regional structural fabric, including a major east-west trending fault that extends through the property and with which historic mineralization is associated with to the west. Based on the integration of the results of the compilation and those from this program,

exploration targets would be prioritized for detailed follow-up. Current priorities included the sulfidized tuffs in the Clements Lake area; the felsic horizon on and in the vicinity of the Adam Mill site and the Bitter Creek road; the rationale for the upper road network above the mill site; and, a number of rock and stream sediment anomalies in the southern area of the Bitter Creek Road.

A proposed 2001, Phase 1, $50,000 budget would include some helicopter time for the air photo acquisition and interpretation to facilitate the detailed delineation of structural fabric; bush road infrastructure; and, the location of Ore Mountain historical showings and access. The budget would include the utilization of two geologists for 30 days to carry out detailed geological and geochemical surveys. The objective of the program would be the identification and initial prioritization of drill targets.

2. SUMMARY: 2000 ENTRANCE PEAK PROJECT CARRIED OUT ON THE POLY 1-7 MINERAL CLAIMS (FROM APPENDED ASSMENT-MENT WORK REPORT): NTS 104 A/4

The Poly Claims are located about 42 km east of Stewart or about 18 km west of Meziadin Lake, in the Entrance Peak Area of the Stewart Gold Camp of Northwestern British Columbia. The author staked the Poly 1-4 Claims in August 1999, as part of a regional geochemical stream sediment and geological evaluation of various, then currently unexplored environments in the camp.

During the aforementioned regional activities, an area of oxidized soil and altered (limonitized, silicified, sericitized, sulfidized, brecciated +/- carbonatized, chloritized), angular subcrop boulders and large blocks, herein the 37A Zone, was discovered in tag alders between the old Hwy 37A and the new Hwy 37A. The 37A Zone was evaluated via initial prospecting and geological and geochemical surveys on the Poly 2 Mineral Claim. A small flagged grid was installed and 8 B-horizon soil samples were collected. The samples returned rather anomalous gold, copper, lead, zinc and arsenic values, along with anomalous silver, cadmium, molybdenum, nickel, and cobalt contents; and, some anomalous antimony, mercury and barium values. Thirteen of the 15 composite sub crop samples of altered crystal tuff breccia had anomalous gold contents ranging up to 70 ppb. All the rock samples had strongly anomalous copper contents, averaging 198 ppm. They also had weakly anomalous silver contents, and some anomalous molybdenum and antimony contents, ranging up to 23 ppm and 10 ppm, respectively.

The alteration is similar to, and appears to constitute the along strike, southeastern extension of the historic Stewart Highway Zone polymetallic showing. If this interpretation were correct, the Stewart Hwy Zone would have a strike length of over one km, with substantial evidence of additional, parallel and/or en echelon zones proximal to it.

The Stewart Highway Zone is exposed in the streambed of Boundary Creek, on the north side of the Hwy 37A Valley, about 800 m north of the 37A Zone. Its importance was first indicated via talus blocks discovered just north of the old Hwy 37A, and which returned up to 56.85 g gold/t, 520 g silver/t, and 15.2% zinc (Kennedy, 1992). The mineralization is associated with a north-northwest trending fracture system, located near the contact of brecciated and silica flooded Hazelton volcanic rocks and argillites of the Salmon Arm Formation. The zone is located on the west side of a quartz monzonite pluton and the mineralization comprises veins, stringers and disseminations of pyrrhotite, arsenopyrite galena, sphalerite, chalcopyrite, and tetrahedrite. Chip samples returned up to 9.85 g gold/t, 1163 g silver/t, 0.33% copper, 0.54% lead and 0.33% zinc across a 3 m width (Kennedy, 1992). Selective sampling of a sulfide rich section of a quartz vein returned 123.3 g gold/t; 1897 g silver/t; 0.85% copper; 5.79% lead; and, 0.47% zinc over 15 cm.

It was concluded that the 37A Zone constituted a very interesting follow-up target, particularly

in view of the infrastructure, which includes highway and trail access, and the presence of the Stewart Power Line on the property. Detailed follow-up geochemical and geological surveys were initiated in 2000 as part of the Prospectors Assistance Programs of Dave Kennedy (Kennedy, 2000); and, of David Molloy. The Kennedy activities (Kennedy, 2000), with Molloy as prospecting partner for some of the work, followed-up the aforementioned 1999 results from the 37A Zone. The work included the staking of the Poly 5-7 Claims; the installation of a flagged and chained grid on the 37A Zone; and, the collection of 144 soil samples, 9 stream sediment samples and 42 rock samples. The positive results are interpreted as confirmation of the importance of the 37A Zone i.e., the favorable alteration and prospective geochemical signature evidence the southeastern extension of the Stewart Highway Zone. Furthermore, the work suggests zone has significant size potential – a strike length of over 1.4 km; and, that Eocene intrusions in the Stewart Camp can entail geological environments with considerable potential for precious and base metal mineralization. An indication of such potential is provided by the analytical results from rock sample 686551RF, found in 2000 in Boundary Creek just north of the old Hwy 37A: 33.2 gold Au/t, 5894.9 g silver/t, 1.42% copper, 0.46% lead and 1.19% zinc (Kennedy, 2000).

The Molloy activities as described herein, and with Kennedy as prospecting partner for some of the work, focused on the southeastern, along strike extension of the targets outlined by the 1999 work; and, by the 2000 Kennedy work. These activities were carried out on and in the vicinity of the avalanche control station road on the Poly 3 Mineral Claim. They comprised reconnaissance geological surveys; and, reconnaissance and detailed geochemical surveys. The activities included the collection of 23 B-horizon soil samples, 12 rock samples and two stream sediment samples. The samples were analyzed for gold (FA/AA) and for 34 additional elements (ICP).

The results of the Molloy fieldwork are indicative of at least an additional 500 m extension of the 37A Zone Target Area to the southeast. The geological surveys indicate the area is mainly overburdened covered. However, the ubiquitous angular, oxidized tuff breccia boulders are deemed to be rather representative of the underlying bedrock. The boulders are often mineralized with disseminated pyrite, arsenopyrite, pyrrhotite and traces of sphalerite, galena and chalcopyrite. The 12 samples of float rock and subcrop have gold and copper contents ranging between <5 and 270 ppb and 18 and 293 ppm, respectively. Eleven of the samples have anomalous gold and copper contents which average 79 ppb and 184 ppm, respectively.

Twenty-two soil samples (excluding one check sample) have gold and copper contents ranging between <5 and 70 ppb and 27 and 311 ppm, respectively. Seventeen of the samples have anomalous gold values which average 32 ppb; 20 of the samples have anomalous copper contents which average 127 ppb; twelve of the samples have anomalous zinc contents which average 201 ppm; eight of the samples have anomalous lead contents which average 40 ppb; and, fourteen of the samples have anomalous arsenic values which average 56 ppm.

The two stream sediment samples taken near the south contact of the quartz monzonite pluton have weakly anomalous gold values and strongly anomalous copper values. One of the samples

has an anomalous lead content of 40 ppm; and, a strongly anomalous zinc content of 3190 ppm.

Based on the author's experience in the Stewart Camp, the polymetallic geochemical signature and favorable alteration on the apparent, southeastern extension of the 37A Zone are characteristic of geological environments in the Stewart Camp that can host significant gold-copper and/or silver-lead-zinc mineralization. Evidence of ore grade mineralization has been found and continues to on the Poly Property. However, the Stewart Highway Zone has never been subject to geophysical scrutiny and drill testing. Detailed historic work has apparently never been carried out on the 37A Zone and its apparent extensions.

It is recommended that a grid with lines at a 25 m spacing and orientated east west be installed from Strohn Creek in the south to the Stewart Highway Zone in the north, as topography permits. The gridded area would include the power line corridor south of Hwy 37A, the new Hwy 37A and the old Hwy 37A. Work to date suggests that the target mineralization is associated with sulfidized fracture zones, particularly where silicification is most intense. IP and magnetometer surveying is thus proposed to locate chargeability and associated resistivity and magnetic anomalies, in order to delineate the southern strike extension of the Stewart Highway Zone and parallel zones. Geological and geochemical surveys would be carried out on the grid to follow-up and prioritize the IP anomalies as drill targets. A $95,000 budget is proposed to advance the property to the diamond drilling stage in 2001.

3. SUMMARY: 2000 MOUNT STROHN PROJECT: FOLLOW-UP GEOCHEMICAL, GEOLOGICAL ACTIVITIES, GREAT DIVIDE CREEK AREA: NTS 104 A/4:

The Mount Strohn Project is located just east of Strohn Lake in the Bear Pass Area of the Stewart Mining Camp (Map 2, Appendix 3M). Interest in the project was generated by stream sediment sample 160223SS, which was taken from Great Divide Creek during the 1999 regional program (Map 1; Molloy, 2000). The sample contained 1.2 ppm silver, 114 ppm lead, 456 ppm zinc 4.5 ppm cadmium and 320 ppm barium: all anomalous values indicative of an important polymetallic target. No apparent detailed historic work has been carried out in the area.

Follow-up 2000 geological and geochemical surveys initially encountered rather puzzling field conditions i.e., each of a number of creeks in the area appeared to flow both east and west. Activities were furthered hampered by dense tag alders and high-energy flows that tended to flood topographic lows and cleanse the creeks of most sediment. The explanation for the drainage pattern is a height of land, along which Great Divide Creek flows after descending over waterfalls to the bottom of the north side of Mount Strohn (Map GRDIVCRK). The creek is able to flow along the top of the divide so precisely that it generates a number of individual tributaries that flow both west and east.

The unravelling of the complexities of the drainage basin was an important prerequisite for the initiation of the 2000 geological and geochemical surveys. Seven stream samples (Table GRDIVCRKSS00) were collected from the various creeks below the water falls (Map GRDIVCRK). All the samples have anomalous silver values ranging between 1 and 1.6 ppm; very anomalous lead values between 94 and 118 ppm; very anomalous zinc values between 406 and 500 ppm; and, anomalous cadmium values between 2.5 and 5.0 ppm (Table GRDIVCRKSS00; Appendix A3). Six samples have anomalous barium values ranging between 328 and 410 ppm, and two samples have anomalous copper values of 42 and 43 ppm. The various creeks were followed up stream to their principal source – the water falls at the base of Mount Strohn, the steep north side of which rises over 1000 m to the mountain top. Stream sediment samples 759830SS and 759832SS were taken near the base of the falls and their contents are part of the anomalous geochemical signature noted above, with lead values of 106 and 122 ppm, and zinc values of 410 and 500 ppm, respectively (Map GRDIVCRK).

The only apparent outcrop in the area is located at the base of the falls, where there is also an extensive talus pile that has been eroded from the cliffs above. Rock types consist of a greenish grey, altered (silica, carbonate +/- disseminated pyrite) tuff breccia; and, black –greyish black argillite, which is often banded (light and dark bands), well oxidized (limonite) and altered (carbonate, silica +/- disseminations of fine to coarse pyrite). The argillite is the predominate type and in the cliffs above it is apparently interbedded with the aforementioned pyroclastic rocks.

Five composite rock samples (Table GRDIVCRK R00; Map GRDIVCRK; Appendix A3) were collected from the talus pile. Only one of the samples provides any indication of the host rock of the geochemical target i.e., sample 759831RFC, which returned 0.8 ppm silver, 300 ppm zinc, 48 ppm copper and 4.5 ppm cadmium.

It is concluded that a rather strong and consistent lead-zinc-cadmium stream sediment anomaly is located in the Great Divide Creek Area. The anomaly is considered important since the geochemical signature is uniform over the area. The anomaly appears to have a source in the cliffs above, on the south side of Strohn Valley, which is drained by Great Divide Creek. However, it is intriguing that the anomaly, particularly the lead and cadmium components, remains so strong and consistent in all the sediment samples collected. The only indication of the possible host rock type is from a composite sample of banded, pyritized argillite, but that sample lacks the anomalous lead and barium components of the stream sediment anomaly.

It is concluded that detailed follow-up of the rather unique anomaly is warranted, with the following parameters comprising an essential part of the strategy:

1. follow-up above the falls will probably require helicopter access; however, a small number of sediment samples, if sample material is available should provide substantial indications of a target on the mountain side;

2. Great Divide Creek marks the east boundary of the Bear Pass park area, in which claim staking is not allowed;

3. the main target area may be at or in proximity to the height of land itself i.e., the target may be located both below and above the falls on the east boundary of the park;

4. a soil geochemical survey over the height of land may provide some immediate definition of the specific target area.

TABLE GRDIVCRKSS00

TABLE GRDIVCRK SS00: INITIAL FOLLOW-UP ACTIVITIES - GREAT DIVIDE CREEK, BEAR PASS AREA
STREAM SEDIMENT SAMPLE DESCRIPTIONS AND MOST RELEVANT ANALTICAL RESULTS:

	SAMPLE NO., LOC, TYPE:	NAME, COLOUR:	DESCRIPTION:	STREAM PERAMATERS:	GEOLOGY:	SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
1.0	759900SS S FROM OBSER AREA TO TAG CRK: EAST FOR 30 M	HETRO SD GREY BLK - RD BRN	FI (20%) MED (30%) CO (50%) POORLY SORT, FEW FINES, GEN COMPOSED OF GRN SIL VOL, GRY SIL VOL, MIN PK VOL, MIN BLK SLATY SED, GRN, WH, GREY QTZ, LIM OXID QTZ; OXID MAT (TO 10%); TARN BLK SULFS (2-3%); MIN EPIDOTE, FELD; GEN ANG FRAGS	FLOW 250° HIGH ENERGY ENVIRON FEW FINES	GREY & GRN SIL VOL PREDOM IN BED & SAMP	759900SS	<5	1.0	94.0	406.0	29.0	36.0	2.5	360.0	<2	<10
2.0	759899SS E FROM 759900SS FOR 30 M - STR SWINGS S I.E FORMS WEST FLOWING BR OF MAIN STR SAMP TAKEN 10 M NORTH OF E & W BRANCH ON W BRANCH	HETRO SD GREY BLK - RD BRN	AS 759900	FLOW 320° WEST BR FLOWS W @ 320° EAST BRANCH FLOWS E	GREY & GRN SIL VOL PREDOM IN BED & SAMP	759899SS	<5	1.2	102.0	458.0	34.0	36.0	4.0	370.0	<2	<10
3.0	759898SS 10 M S OF 759899SS AT START OF ANOTH E BRANCH: S ONE	HETRO SD GREY BLK - RD BRN	AS 759900	FLOW 60° IN E BRANCH	GREY & GRN SIL VOL PREDOM IN BED & SAMP	759898SS	<5	1.2	104.0	458.0	33.0	46.0	3.5	380.0	<2	<10
4.0	759897SS 15 M WNW OF 759898SS ON SMALL TRIB	HETRO SD GREY BLK - RD BRN	AS 759900 BUT 10% ORGS, 90% SD> CO (50%), MED (30%), FI (10%)	FLOW 310° V SMALL STREAM LOW FLOW	GREY & GRN SIL VOL PREDOM IN BED & SAMP	759897SS	<5	1.6	118.0	466.0	42.0	40.0	5.5	450.0	<2	<10
5.0	759828SS CONFIRM OF 99 SAMP 160223SS ON E SIDE PARK LOT AT REST AREA, BEAR GLACIER 30 M W OF 759900SS	HETRO SD GRA\ GREY BRN	FI - CO 10% FI 90% CO CO FRAC MAINLY ANG ARG, QTZ > GREEN, WH, OX; WH CAL; GREY VOL, PK VOL, OXID MAT	FLOWS 230° CRK IN FLOOD FEW FINES	HETRO BO IN CRK	759828SS	<5	1.0	94.0	410.0	30.0	36.0	2.5	328.0	<2	<10
6.0	759830SS AT BASE EAST WATERFALL (SMALL CRK)	CL/SILT/PEBS 60% ORGS GREY BRN	CL - PEBS 60% ORGS, 10% CL 20% SILT 10% PEBS> ANG ARG, QTZ, OXID MAT, GRN TUFF BREC	CRK FLOWS 85 CRK IN FLOOD FEW FINES	HETRO BO IN CRK	759830SS	<5	1.0	106.0	410.0	34.0	28.0	3.0	260.0	<2	<10
7.0	759832SS AT BASE WEST WATERFALL (LARG CRK)	SD/PEBS GREY BRN SAMP OF BK OF CRK SED	FI - PEDS 15% FI, 85% CO MAINLY ARG, OXID MAT, QTZ, CARB, SOM PK, GREY VOL	FLOWS 350° CRK IN FLOOD FEW FINES	HETRO BO IN CRK	759832SS	<5	1.4	122.0	500.0	43.0	56.0	4.0	410.0	<2	<10

TABLE GRDIVCRKR00

TABLE GRDIVCRK RK00: INITIAL FOLLOW-UP ACTIVITIES - GREAT DIVIDE CREEK, BEAR PASS AREA
ROCK SAMPLE SAMPLE DESCRIPTIONS AND MOST RELEVANT ANALTICAL RESULTS:

SAMPLE NO., LOC, TYPE:	NAME, COLOUR:	DESCRIPTION:	COMMENTS:	SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
1.0 759829RFC AT BASE OF E FALLS	SIL TUFF BREC SW: GRN GREY ORG BRN F: GRN GREY	20% FI - APHAN GRN SIL MATRIC C/W GREY QTZ CRYSTS MM TO 1 CM, & LARG FRAGS BLK ARG TO 4 CM; CRYSTS & FRAGS 75% OF RK SOM AREAS MYLONITIZED; 2-3% FI DISSEM GREY BLK METALLIC - TARN? TR CPY; SOM BLK SULF FORMS NET TEXT AROUND CRYSTS;	TUFF BREC CONC IN AREA OF E FALLS - E FALLS - ELSEHWERE MAINLY BND ARG	759829RFC	<5	0.2	16.0	136.0	15.0	4.0	<0.5	90.0	<2	<10
2.0 759831RFC BETWEEN FALLS	BND ARG W: GREY BLK ORG BRN F: GREY BLK	FI - APHAN, BNDS MM TO 3 CM, ALT LIGHT - DK BANDS, DK BNDS PREDOM, LOC 5% DISSEM PY MAINLY DK BANDS	MAINLY BND OX ARG BO	759831RFC	<5	0.8	8.0	300.0	48.0	8.0	4.5	110.0	<2	<10
3.0 759833RFC BETWEEN FALLS	BND ARG W: GREY BLK ORG BRN F: GREY BLK	FI - APHAN, BNDS MM TO 3 CM, ALT LIGHT - DK BANDS, DK BNDS PREDOM, 3% DISSEM PY MAINLY IN IN DK BANDS; C/W VUG QTZ CARB VEN TO 2 CM - 5% BLEBBY PY	MAINLY BND OX ARG BO	759833RFC	<5	0.2	<2	140.0	21.0	28.0	<0.5	340.0	<2	<10
4.0 759834RFC EAST OF WEST FALLS	BND ARG W: GREY BLK ORG BRN F: GREY BLK	FI - APHAN, BNDS MM TO 2 CM, ALT LIGHT - DK BANDS, 60% DK BNDS 7-10% DISSEM PY MAINLY IN LIGHT BANDS VEN TO 2 CM - 5% BLEBBY PY	MAINLY BND OX ARG BO	759834RFC	<5	0.2	<2	120.0	31.0	30.0	<0.5	60.0	<2	<10
5.0 759835RFC 10 M EAST OF WEST FALLS & IN FRONT OF E FALLS > COMP SAMF	ALT BND ARG W: GREY BLK ORG BRN F: GREY BLK WH	FI - APHAN, BNDS MM TO 2 CM, ALT LIGHT - DK BANDS, 60% DK BNDS 5% CARB, 20% LOC AS STWK, STRING, VNS, LENS; OFTEN VUG, OXID > ROTTEN RK	MAINLY BND OX ARG BO	759835RFC	<5	0.2	<2	130.0	19.0	8.0	0.5	100.0	<2	<10
6.0 686794CK CHECK SAMPLE CH3				686794CK	1510.0	2.8	<2	130.0	7690.0	132.0	<0.5	<10	<2	<10

APPENDIX 3

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Page Number :1-A
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Certificate Date: 22-AUG-2000
Invoice No. :I0026050
P.O. Number :GR00-BGL
Account :RIX

CERTIFICATE OF ANALYSIS A0026050

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B 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 %
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759830	201	202	< 5	1.0	1.05	28	< 10	260	0.5	< 2	0.83	3.0	14	13	34	2.62	< 10	< 1	0.14	10	0.36
759832	201	202	< 5	1.4	1.32	56	< 10	410	0.5	< 2	0.39	4.0	13	10	43	4.17	< 10	< 1	0.10	10	0.60
759897	201	202	< 5	1.6	1.16	40	< 10	450	0.5	< 2	0.58	5.5	10	11	42	3.63	< 10	< 1	0.08	10	0.55
759898	201	202	< 5	1.2	1.20	46	< 10	380	0.5	< 2	0.38	3.5	11	10	33	3.87	< 10	< 1	0.08	10	0.57
759899	201	202	< 5	1.2	1.18	36	< 10	370	0.5	< 2	0.34	4.0	10	10	34	3.62	< 10	< 1	0.08	10	0.57
759900	201	202	< 5	1.0	1.15	38	< 10	360	0.5	< 2	0.32	2.5	9	9	29	3.75	< 10	< 1	0.07	10	0.56

CERTIFICATION:

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Invoice No. : I0026050
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Account : RIX

CERTIFICATE OF ANALYSIS A0026050

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
759828	201 202	1175	4	0.01	21	960	94	0.08	< 2	3	18	0.04	< 10	< 10	29	< 10	410
759830	201 202	2760	3	0.01	19	1210	106	0.10	< 2	3	63	0.01	< 10	< 10	24	< 10	410
759832	201 202	1655	6	0.01	32	1050	122	0.07	< 2	4	20	0.04	< 10	< 10	28	< 10	500
759897	201 202	1545	4	0.01	27	1040	118	0.10	< 2	3	29	0.03	< 10	< 10	28	< 10	486
759898	201 202	1525	5	0.01	25	890	104	0.10	< 2	4	20	0.03	< 10	< 10	28	< 10	458
759899	201 202	1230	5	0.01	24	810	102	0.09	< 2	3	19	0.04	< 10	< 10	27	< 10	458
759900	201 202	1210	5	0.01	20	840	90	0.09	< 2	3	18	0.04	< 10	< 10	28	< 10	406

CERTIFICATION:

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86794C	214	229	1510	2.8	3.71	134	< 10	< 10	< 0.5	< 2	3.53	< 0.5	207	22	7690	9.70	10	< 1	0.04	< 10	2.11
59829	205	226	< 5	0.2	1.54	4	< 10	90	0.5	< 2	3.08	< 0.5	10	32	15	2.64	< 10	< 1	0.43	10	0.73
59831	205	226	< 5	0.8	0.81	8	< 10	110	< 0.5	< 2	0.76	4.5	6	41	48	2.34	< 10	< 1	0.21	< 10	0.28
59833	205	226	< 5	0.2	2.61	28	< 10	340	< 0.5	< 2	0.77	< 0.5	3	39	21	3.01	< 10	< 1	0.33	< 10	1.62
59834	205	226	< 5	0.2	1.42	30	< 10	60	< 0.5	< 2	1.50	< 0.5	10	56	31	2.90	< 10	< 1	0.08	< 10	0.72
759835	205	226	< 5	0.2	1.74	8	< 10	100	< 0.5	< 2	0.87	0.5	6	71	19	2.54	< 10	< 1	0.19	< 10	0.59

CERTIFICATION:

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P.O. Number :TODO2
Account :RIX

CERTIFICATE OF ANALYSIS A0026048

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
686794C	214 229	1565	< 1	0.05	74	150	< 2	2.50	< 2	6	8	0.03	< 10	< 10	55	< 10	130
759829	205 226	1275	< 1	0.03	7	460	16	0.09	< 2	4	87	0.01	< 10	< 10	34	< 10	136
759831	205 226	610	7	0.05	13	600	8	0.92	< 2	4	22	0.07	< 10	< 10	30	< 10	300
759833	205 226	595	1	0.03	8	330	< 2	0.55	< 2	4	24	0.08	< 10	< 10	44	< 10	140
759834	205 226	560	4	0.06	14	600	< 2	1.02	< 2	5	61	0.12	< 10	< 10	78	< 10	120
759835	205 226	755	9	0.06	16	480	< 2	0.60	< 2	4	82	0.08	< 10	< 10	39	< 10	130

CERTIFICATION:

APPENDIX 3M

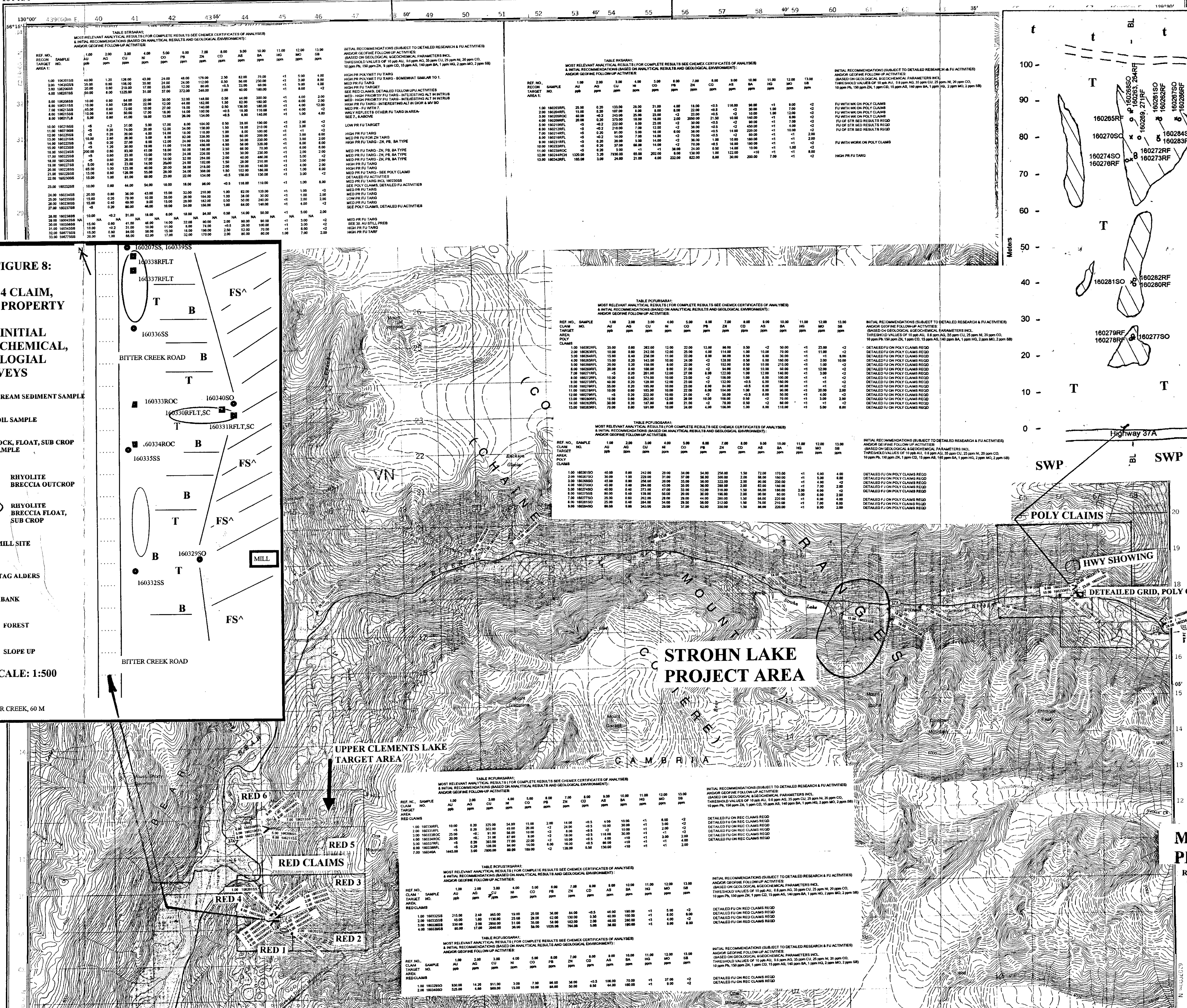

TABLE STRSARA1;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

REF. NO., RECON TARGET AREA 1:	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm
1.00	106201SS	40.00	1.20	126.00	43.00	24.00	48.00	178.00	2.50	82.00	70.00	<1	5.00	4.00
2.00	106202SS	35.00	0.80	108.00	35.00	24.00	24.00	112.00	0.50	56.00	230.00	<1	3.00	8.00
3.00	106206SS	20.00	0.80	219.00	17.00	23.00	12.00	80.00	<0.5	22.00	60.00	<1	9.00	4.00
4.00	106207SS	50.00	8.00	1325.00	31.00	37.00	372.00	346.00	2.00	40.00	160.00	<1	8.00	<2
5.00	106208SS	10.00	0.60	64.00	22.00	30.00	32.00	148.00	0.50	44.00	300.00	<1	4.00	2.00
6.00	106211SS	10.00	0.80	126.00	22.00	12.00	44.00	182.00	1.50	62.00	180.00	<1	6.00	2.00
7.00	106213SS	65.00	0.60	72.00	10.00	27.00	18.00	140.00	0.50	136.00	180.00	<1	4.00	12.00
8.00	106215SS	10.00	0.60	50.00	17.00	18.00	14.00	100.00	<0.5	18.00	110.00	<1	4.00	<2
9.00	106217LS	5.00	0.80	41.00	18.00	13.00	26.00	134.00	<0.5	8.00	140.00	<1	1.00	4.00
10.00	160218SS	<5	<.2	31.00	5.00	17.00	8.00	104.00	0.50	28.00	190.00	<1	2.00	<2
11.00	160219SS	<5	0.20	74.00	20.00	12.00	34.00	156.00	1.50	18.00	210.00	<1	3.00	<2
12.00	160220SS	<5	0.20	20.00	4.00	14.00	18.00	118.00	1.00	8.00	100.00	<1	<1	<2
13.00	160221SS	10.00	2.80	26.00	5.00	8.00	92.00	338.00	3.00	60.00	200.00	<1	3.00	6.00
14.00	160222SS	<5	0.20	27.00	6.00	12.00	24.00	194.00	1.50	30.00	230.00	<1	3.00	2.00
15.00	160223SS	<5	1.20	30.00	19.00	11.00	114.00	456.00	4.50	56.00	320.00	<1	6.00	6.00
16.00	160224SS	200.00	0.60	93.00	41.00	18.00	50.00	186.00	2.50	66.00	70.00	<1	6.00	6.00
17.00	160225SS	<5	0.60	23.00	13.00	10.00	24.00	226.00	1.50	30.00	230.00	<1	2.00	2.00
18.00	160226SS	<5	0.60	26.00	17.00	14.00	32.00	284.00	2.00	40.00	480.00	<1	5.00	<2
19.00	160227SS	5.00	0.40	23.00	14.00	20.00	24.00	192.00	1.50	28.00	210.00	<1	3.00	2.00
20.00	160228SS	65.00	1.00	123.00	40.00	20.00	38.00	218.00	2.00	130.00	140.00	<1	4.00	2.00
21.00	160229SS	15.00	0.80	126.00	55.00	28.00	34.00	308.00	1.50	102.00	180.00	<1	1.00	6.00
22.00	160230SS	15.00	1.00	61.00	69.00	23.00	22.00	134.00	<0.5	156.00	130.00	<1	3.00	<2
23.00	160232SS	10.00	0.60	44.00	54.00	16.00	16.00	96.00	<0.5	116.00	110.00	<1	1.00	8.00
24.00	160234SS	20.00	0.80	36.00	43.00	15.00	32.00	210.00	1.00	62.00	120.00	<1	1.00	<2
25.00	160235SS	15.00	0.20	79.00	10.00	35.00	26.00	164.00	1.00	38.00	30.00	<1	1.00	2.00
26.00	160236SS	15.00	0.40	49.00	9.00	15.00	28.00	182.00	0.50	50.00	240.00	<1	2.00	2.00
27.00	160237SS	<5	0.20	86.00	46.00	10.00	54.00	156.00	1.00	64.00	140.00	<1	4.00	<2
28.00	160238SS	10.00	<0.2	31.00	18.00	6.00	18.00	94.00	0.50	14.00	50.00	<1	5.00	2.00
29.00	160042SS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30.00	160398SS	15.00	0.60	41.00	46.00	14.00	32.00	90.00	2.00	80.00	90.00	<1	3.00	<2
31.00	160343SS	10.00	<0.2	31.00	10.00	11.00	8.00	74.00	<0.5	28.00	100.00	<1	3.00	<2
32.00	598776SS	15.00	0.80	94.00	58.00	15.00	16.00	196.00	2.50	52.00	70.00	<1	6.00	<2
33.00	598775SS	20.00	1.00	66.00	62.00	17.00	32.00	170.00	2.00	80.00	80.00	1.00	7.00	2.00

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES)
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:
(BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL.
THRESHOLD VALUES OF 10 ppb AU, 0.6 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO,
10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

HIGH PR POLYMET FU TARG
HIGH PR POLYMET FU TARG - SOMEWHAT SIMILAR TO 1.
MED PR FU TARG
HIGH PR FU TARGET
SEE RED CLAIMS, DETAILED FOLLOW-UPU ACTIVITIES
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MED - HIGH PRIORTIY FIU TARG - INTERESTING ALT IN INTRUS
HIGH PR FU TARG - INTERESTING ALT IN DIOR & MV BO
MED PR - FU WITH 7.
WKLY REFLECTS OTHEIR FU TARG IN AREA-
SEE 7., 8.ABOVE

LOW PR FU TARGET

HIGH PR FU TARG
MED PR FU FOR ZN TARG
HIGH PR FU TARG - ZN, PB, BA TYPE

MED PR FU TARG - ZN, PB, BA TYPE
MED PR FU TARG - ZN, PB, BA TYPE
MED PR FU TARG - ZN, PB, BA TYPE
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HIGH PR FU TARG
MED PR FU TARG - SEE POLY CLAIMS
DETAILED FU ACTIVITIES
MED PR FU TARG INCL 160230SS
SEE POLY CLAIMS, DETAILED FU ACTIVITIES
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MED PR FU TARG
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MED PR FU TARG
SEE POLY CLAIMS, DETAILED FU ACTIVITIES

MED PR FU TARG
SEE 30. AU STILL PRES
HIGH PR FU TARG
HIGH PR FU TARF

TABLE RKSARA1;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

REF. NO., RECON TARGET AREA 1:	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm
1.00	160203RFL	25.00	0.20	133.00	28.00	21.00	4.00	16.00	<0.5	116.00	90.00	<1	9.00	<2
2.00	160204RFL	15.00	0.20	107.00	8.00	8.00	8.00	22.00	<0.5	<2	30.00	1.00	7.00	<2
3.00	160205ROC	40.00	<0.2	243.00	25.00	23.00	<2	22.00	<0.5	<2	10.00	1.00	12.00	<2
4.00	160209RFL	20.00	0.20	375.00	18.00	16.00	2.00	2050.00	21.50	10.00	140.00	<1	6.00	<2
5.00	160210RFL	<5	<0.2	222.00	8.00	23.00	<2	30.00	<0.5	<2	90.00	<1	7.00	<2
6.00	160212RFL	<5	<0.2	218.00	7.00	12.00	<2	38.00	<0.5	<2	450.00	<1	4.00	<2
7.00	160214RFL	<5	0.20	91.00	5.00	16.00	6.00	38.00	<0.5	14.00	220.00	<1	10.00	<2
8.00	160216RFL	<5	<0.2	14.00	7.00	14.00	<2	70.00	<0.5	<2	60.00	<1	<1	2.00
9.00	160231RFL	<5	0.20	20.00	5.00	14.00	<2	36.00	1.00	10.00	180.00	<1	<1	2.00
10.00	160233RFL	<5	0.20	37.00	66.00	14.00	<2	70.00	<0.5	16.00	180.00	<1	<1	<2
11.00	160239ROC	<5	0.20	5.00	<1	<1	38.00	24.00	0.50	14.00	10.00	<1	1.00	<2
12.00	160244RCH	1320.00	3.20	7930.00	65.00	202.00	6.00	138.00	1.00	122.00	<10	<1	<1	6.00
13.00	160342RFL	185.00	3.00	24.00	21.00	4.00	232.00	822.00	6.00	30.00	200.00	7.00	<1	<2

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES)
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:
(BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL.
THRESHOLD VALUES OF 10 ppb AU, 0.6 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO,
10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

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TABLE PCFURSARA1;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES)
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:
(BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL.
THRESHOLD VALUES OF 10 ppb AU, 0.6 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO,
10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

REF. NO., CLAIM TARGET AREA: POLY CLAIMS	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	RECOMMENDATIONS
1.00	160262RFL	35.00	0.60	262.00	12.00	22.00	12.00	96.00	0.50	<2	50.00	<1	23.00	<2	DETAILED FU ON POLY CLAIMS REQD
2.00	160263RFL	10.00	0.60	242.00	12.00	25.00	4.00	114.00	1.00	10.00	70.00	<1	11.00	<2	DETAILED FU ON POLY CLAIMS REQD
3.00	160264RFL	15.00	0.40	236.00	11.00	22.00	6.00	96.00	0.50	6.00	30.00	<1	<1	6.00	DETAILED FU ON POLY CLAIMS REQD
4.00	160265RFL	15.00	0.20	143.00	10.00	24.00	<2	128.00	0.50	6.00	180.00	<1	2.00	10.00	DETAILED FU ON POLY CLAIMS REQD
5.00	160266RFL	20.00	0.20	159.00	8.00	22.00	<2	152.00	0.50	10.00	210.00	<1	1.00	<2	DETAILED FU ON POLY CLAIMS REQD
6.00	160269RFL	20.00	0.40	168.00	9.00	21.00	<2	94.00	0.50	10.00	60.00	<1	12.00	<2	DETAILED FU ON POLY CLAIMS REQD
7.00	160271RFL	<5	0.20	201.00	12.00	27.00	6.00	122.00	1.00	12.00	140.00	<1	3.00	<2	DETAILED FU ON POLY CLAIMS REQD
8.00	160272RFL	10.00	0.40	174.00	10.00	23.00	<2	108.00	1.00	8.00	100.00	<1	<1	<2	DETAILED FU ON POLY CLAIMS REQD
9.00	160273RFL	40.00	0.20	128.00	12.00	23.00	<2	132.00	<0.5	6.00	160.00	<1	<1	<2	DETAILED FU ON POLY CLAIMS REQD
10.00	160276RFL	55.00	0.20	195.00	10.00	23.00	6.00	84.00	<0.5	6.00	90.00	<1	<1	<2	DETAILED FU ON POLY CLAIMS REQD
11.00	160278RFL	10.00	0.60	183.00	10.00	22.00	6.00	104.00	1.00	8.00	90.00	<1	20.00	2.00	DETAILED FU ON POLY CLAIMS REQD
12.00	160279RFL	<5	0.20	222.00	10.00	21.00	<2	58.00	<0.5	8.00	50.00	<1	4.00	<2	DETAILED FU ON POLY CLAIMS REQD
13.00	160280RFL	10.00	0.60	282.00	12.00	28.00	10.00	108.00	0.50	<2	70.00	<1	3.00	2.00	DETAILED FU ON POLY CLAIMS REQD
14.00	160282RFL	30.00	0.20	187.00	8.00	21.00	<2	76.00	0.50	<2	80.00	<1	<1	<2	DETAILED FU ON POLY CLAIMS REQD
15.00	160283RFL	70.00	0.60	191.00	10.00	24.00	4.00	108.00	1.00	8.00	110.00	<1	5.00	6.00	DETAILED FU ON POLY CLAIMS REQD

TABLE PCFUSOSARA1;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES)
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:
(BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL.
THRESHOLD VALUES OF 10 ppb AU, 0.6 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO,
10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

REF. NO., CLAIM TARGET AREA: POLY CLAIMS	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	RECOMMENDATIONS
1.00	160261SO	40.00	0.80	242.00	29.00	34.00	54.00	258.00	1.50	72.00	170.00	<1	6.00	4.00	DETAILED FU ON POLY CLAIMS REQD
2.00	160267SO	30.00	1.00	229.00	31.00	37.00	56.00	300.00	2.00	56.00	180.00	<1	5.00	6.00	DETAILED FU ON POLY CLAIMS REQD
3.00	160268SO	45.00	0.80	256.00	26.00	35.00	56.00	322.00	2.00	90.00	230.00	<1	4.00	<2	DETAILED FJ ON POLY CLAIMS REQD
4.00	160270SO	45.00	0.40	264.00	43.00	35.00	36.00	288.00	2.00	82.00	180.00	<1	7.00	2.00	DETAILED FJ ON POLY CLAIMS REQD
5.00	160274SO	40.00	0.40	273.00	47.00	33.00	52.00	316.00	1.50	66.00	180.00	2.00	6.00	<2	DETAILED FJ ON POLY CLAIMS REQD
6.00	160275SS	80.00	0.40	139.00	50.00	20.00	30.00	196.00	2.00	90.00	80.00	1.00	6.00	2.00	
7.00	160277SO	25.00	0.60	202.00	28.00	29.00	44.00	260.00	1.50	68.00	220.00	<1	6.00	4.00	DETAILED FJ ON POLY CLAIMS REQD
8.00	160281SO	25.00	0.40	284.00	34.00	29.00	58.00	312.00	1.50	76.00	210.00	<1	7.00	6.00	DETAILED FJ ON POLY CLAIMS REQD
9.00	160284SO	60.00	0.80	343.00	29.00	37.00	62.00	350.00	1.50	86.00	220.00	<1	9.00	2.00	DETAILED FJ ON POLY CLAIMS REQD

TABLE RCFURKSARA1;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES)
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:
(BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL.
THRESHOLD VALUES OF 10 ppb AU, 0.6 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO,
10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

REF. NC., CLAIM TARGET AREA: RED CLAIMS	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	RECOMMENDATIONS
1.00	160330RFL	10.00	0.20	325.00	54.00	15.00	2.00	14.00	<0.5	4.00	10.00	<1	6.00	<2	DETAILED FU ON REC CLAIMS REQD
2.00	160331RFL	<5	0.20	302.00	49.00	20.00	<2	24.00	<0.5	10.00	30.00	<1	3.00	<2	DETAILED FU ON REC CLAIMS REQD
3.00	160333ROC	25.00	<0.2	91.00	56.00	10.00	<2	8.00	<0.5	<2	10.00	<1	2.00	<2	DETAILED FU ON REC CLAIMS REQD
4.00	160334ROC	20.00	<0.2	31.00	87.00	9.00	<2	18.00	<0.5	118.00	30.00	<1	<1	<2	DETAILED FU ON REC CLAIMS REQD
5.00	160337RFL	<5	0.20	393.00	77.00	22.00	<2	10.00	<0.5	4.00	<10	<1	3.00	2.00	DETAILED FU ON REC CLAIMS REQD
6.00	160338RFL	<5	0.20	109.00	94.00	14.00	6.00	16.00	<0.5	66.00	<10	<1	<1	4.00	DETAILED FU ON REC CLAIMS REQD
7.00	160340A	1445.00	3.00	7800.00	89.00	189.00	<2	128.00	0.50	130.00	<10	<1	<1	2.00	

TABLE RCFUSTRSARA1;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES)
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:
(BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL.
THRESHOLD VALUES OF 10 ppb AU, 0.6 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO,
10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

REF. NO., CLAIM TARGET AREA: RED CLAIMS	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	RECOMMENDATIONS
1.00	160332SS	215.00	2.40	965.00	19.00	25.00	36.00	84.00	<0.5	46.00	190.00	<1	5.00	<2	DETAILED FU ON RED CLAIMS REQD
2.00	160335SS	45.00	1.60	1130.00	25.00	29.00	62.00	130.00	0.50	40.00	100.00	<1	6.00	8.00	DETAILED FU ON RED CLAIMS REQD
3.00	160336SS	530.00	2.00	2950.00	31.00	35.00	58.00	182.00	2.00	46.00	260.00	<1	4.00	<2	DETAILED FU ON RED CLAIMS REQD
4.00	160339SS	60.00	17.00	2040.00	36.00	56.00	1026.00	764.00	5.00	34.00	180.00	<1	9.00	8.00	DETAILED FU ON RED CLAIMS REQD

TABLE RCFUSOSARA1;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES)
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:
(BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL.
THRESHOLD VALUES OF 10 ppb AU, 0.6 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO,
10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

REF. NO., CLAIM TARGET AREA: RED CLAIMS	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	RECOMMENDATIONS
1.00	160329SO	930.00	14.20	911.00	3.00	7.00	96.00	36.00	<0.5	106.00	70.00	<1	37.00	<2	DETAILED FU ON REC CLAIMS REQD
2.00	160340SO	525.00	4.80	989.00	15.00	10.00	66.00	50.00	0.50	44.00	160.00	<1	9.00	<2	DETAILED FU ON REC CLAIMS REQD

BEAR RIVER

CASSIAR LAND DISTRICT

BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres

Roads: / Routes:
hard surface .... revêtement dur .... dual highway / double chaussée — more than 2 lanes / plus de 2 voies
hard surface .... revêtement dur .... 2 lanes / 2 voies — less than 2 lanes / moins de 2 voies
cart track .... de terre
trail, cut line or portage .... sentier, percée ou portage
FOR COMPLETE REFERENCE SEE REVERSE SIDE — POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Canada Centre for Surveying, Ottawa.

Pour tout renseignement concernant les repères de nivellement et les bornes géodésiques, prière de s'adresser à la Division des levés géodésiques, Centre canadien des levés, Ottawa.

CONVERSION SCALE FOR ELEVATIONS — ÉCHELLE DE CONVERSION DES ALTITUDES
Metres 30 20 10 0 50 100 150 200 250 300 Mètres
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

PRODUCED BY THE CANADA CENTRE FOR MAPPING, DEPARTMENT OF ENERGY, MINES AND RESOURCES. INFORMATION CURRENT AS OF 1986. PUBLISHED 1990.

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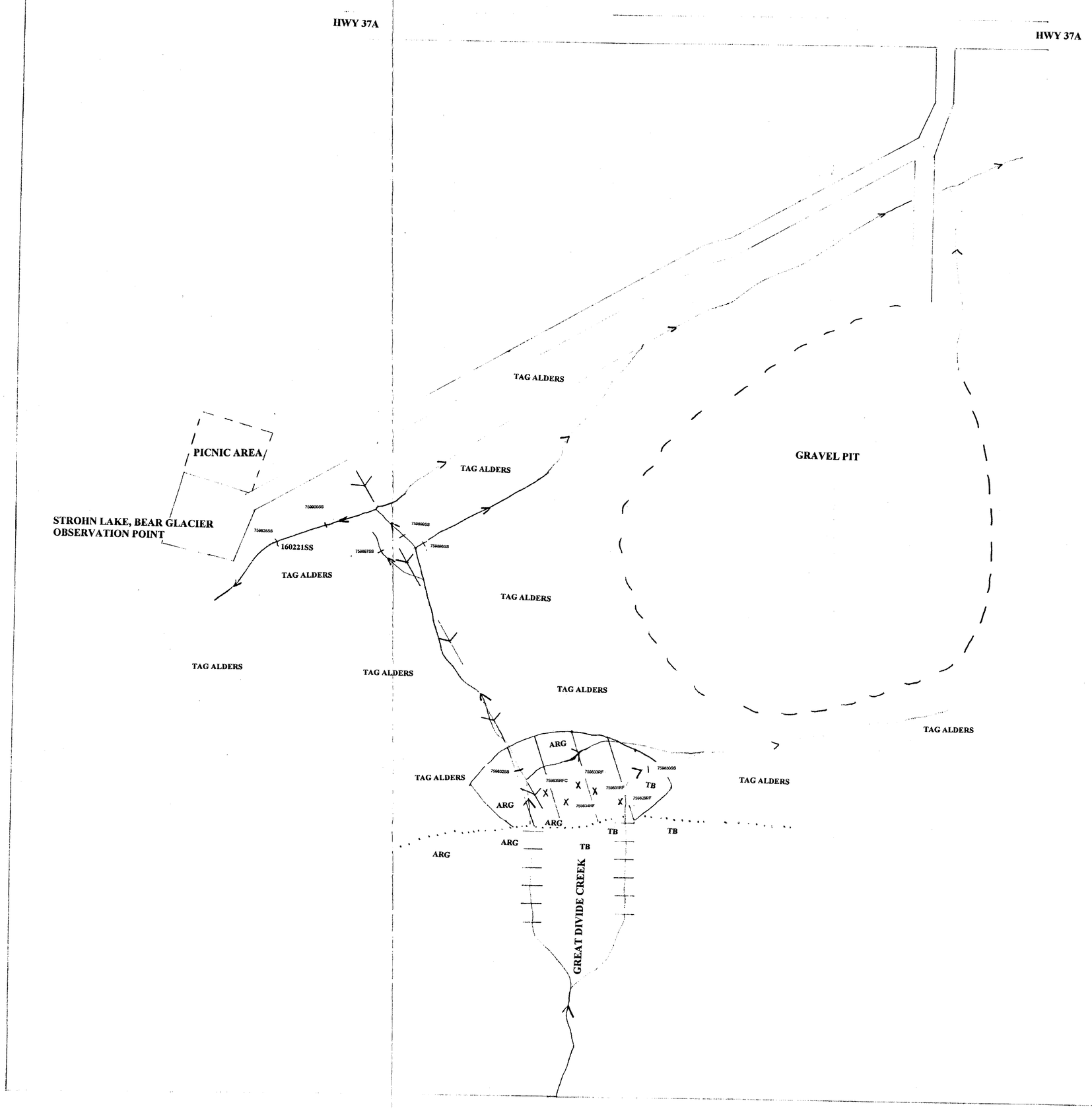
ÉTABLIE PAR LE CENTRE CANADIEN DE CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. RENSEIGNEMENTS À JOUR EN 1986. PUBLIÉE EN 1990.

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.

BEAR RIVER
104 A/4
EDITION 3 ÉDITION

Energy, Mines and Resources Canada — Énergie, Mines et Ressources Canada



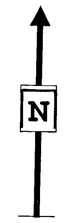


TABLE GRDIVCRK SS00: INITIAL FOLLOW-UP ACTIVITIES - GREAT DIVIDE CREEK, BEAR PASS AREA
STREAM SEDIMENT SAMPLES:

SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
759900SS	<5	1.0	94.0	406.0	29.0	38.0	2.5	360.0	<2	<10
759899SS	<5	1.2	102.0	458.0	34.0	36.0	4.0	370.0	<2	<10
759898SS	<5	1.2	104.0	458.0	33.0	46.0	3.5	380.0	<2	<10
759897SS	<5	1.6	118.0	486.0	42.0	40.0	5.5	450.0	<2	<10
759829SS	<5	1.0	94.0	410.0	30.0	38.0	2.5	328.0	<2	<10
759830SS	<5	1.0	106.0	410.0	34.0	28.0	3.0	260.0	<2	<10
759832SS	<5	1.4	122.0	500.0	43.0	56.0	4.0	410.0	<2	<10

TABLE GRDIVCRK RK00: INITIAL FOLLOW-UP ACTIVITIES - GREAT DIVIDE CREEK, BEAR PASS AREA
ROCK SAMPLES

SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
759829RF	<5	0.2	16.0	136.0	15.0	4.0	<0.5	90.0	<2	<10
759831RF	<5	0.8	8.0	300.0	48.0	8.0	4.5	110.0	<2	<10
759833RF	<5	0.2	<2	140.0	48.0	28.0	<0.5	340.0	<2	<10
759834RF	<5	0.2	<2	120.0	31.0	30.0	<0.5	60.0	<2	<10
759835RFC	<5	0.2	<2	130.0	19.0	8.0	0.5	100.0	<2	<10
686794CK	1510.0	2.8	<2	130.0	7690.0	132.0	<0.5	<10	<2	<10

MAP GRDIVCRK:

BEAR PASS AREA, STEWART MINING CAMP:
2000 GEOLOGICAL AND GEOCHEMICAL FOLLOW-UP SURVEYS

LEGEND:

- 759832SS — STREAM, WITH DIRECTION AND STREAM SEDIMENT SAMPLE LOCATION
- X 759835RFC — FLOAT ROCK SAMPLE LOCATION
- HEIGHT OF LAND
- WATERFALL
- CLIFF AND DIRECTION UP
- OUTCROP AREA
- TALUS AREA
- TB — TUFF BRECCIA
- ARG — ARGILLITE

SCALE: 1:1000

00-23 PG 60

4. SUMMARY: 2000 BOWSER LAKE PROJECT: FOLLOW-UP GEOCHEMICAL, GEOLOGICAL ACTIVITIES, WIZARD OF OOZ AREA, NTS 104 A/6:

4.1. WIZARD OF OOZ AREA 1:

The Bowser Lake Project Area is underlain by sediments (argillite, shale, mudstone, sandstone) of the Bowser Lake Group. Although the geological environment is not a primary target, interest was generated by the results of two 1999 stream sediment samples (160248SS and 160249SS; Molloy, 2000). The former sample was taken 19.9 km west of the bridge on the Bowser River, on a small seep creek on the edge of a logging road. The area is characterized by iron oxide coatings on soil and rock fragments in the creek, and on banks on the side of the road. The sample returned anomalous silver, copper, nickel, zinc, cadmium and barium i.e., 1 ppm, 56 ppm, 79 ppm 1595 ppm, 2.5 ppm and 330 ppm, respectively (Map 4, Appendix 4M). The latter sample was taken 0.9 km to the east of the former sample and contained 392 ppm zinc, without other anomalous element associations.

The target area is relatively flat, with often rather thick sand, gravel and clay overburden cover. However the composition of the bedrock is readily apparent from a number of outcrops of argillite and from ubiquitous angular boulders along the logging road. Much of the area has been clear-cut, including the immediate area of sample 160248SS. The sample was taken from a seep, which can be traced up stream, for about 40 m south of the road (Maps 4, BOWSER00).

***Follow-up 2000 geological and geochemical surveys included the collection of a total of* 9 stream sediment samples and 7 soil samples in the two areas (Map BOWSER00, Appendix 4M). Stream sediment sample 759801SS (Table BOWSER SS00; Appendix 4), a re-sample of sample 160248SS, contained elevated zinc (114 ppm); elevated copper 39 ppm; anomalous nickel (68 ppm); and, very anomalous barium (660 ppm). However, the anomalous cadmium, silver and very strong zinc content of the original sample are lacking. A second stream sediment sample (759802SS) taken four metres east of 7595801SS had almost the same contents, including anomalous nickel (77ppm) and very anomalous barium (730 ppm), but without the anomalous cadmium, silver and very strong zinc. A third stream sediment sample (759810), taken about 33 m east of soil sample 759809SO (Map BOWSER00; Tables BOWSERSS00, BOWSERSO00; Appendix 4), returned anomalous silver (1.2 ppm) and anomalous barium (320 ppm), but no other values of interest.**

Two stream sediment samples (759811SS and 759812SS) were taken on the original seep creek about 10 and 17 m southeast of the original sample (160248SS), respectively. The former sample contained 30 ppb gold; the latter sample contained anomalous silver (1.2 ppm) and anomalous copper (40 ppm). Sample 759813SS was taken about 50 m west of sample 160248SS, in a dry streambed on the north side of the logging road. Other than anomalous

barium (430 ppb) and nickel (43 ppm), the sample did not have any contents of interest.

Seven soil samples (759803SO-759809SO; Table BOWSER SO00; Map BOWSER00; Appendix 4) were collected from locations ranging from 10 m west to 60 m east of sample 160248SS. All the samples have anomalous barium contents, ranging between 570 and 710 ppm; and anomalous nickel contents between 60 and 95 ppm. Six of the samples have anomalous copper contents ranging between 42 to 57 ppm; four of the samples have elevated zinc contents between 102 to 120 ppm; and one of the samples has a rather anomalous gold content of 90 ppb.

4.2. WIZARD OF OOZ AREA 2:

The second follow-up area is located about 0.9 km to the east of sample 160448SS Map (BOWSER00). As noted above, interest was generated by sample 160449SS, which was taken from a small creek and which had a very anomalous zinc content of 392 ppm. The area is underlain by shalely Bowser Group sediments, which outcrop on the sides of a northwest trending valley. Sample 759814SS was a re-sample of 160448SS, but did not return any values of interest (Table BOWSERSS00; Appendix4; Map BOWSER00). Two additional stream sediment samples (7859815SS; 759816SS) were taken upstream, at about 25 and 50 m to the southeast. At these locations, the grassy stream valley is relatively wide, and the main, stream channel, which was dry, is often underground. The only element value of interest is the gold content of the latter sample (480 ppb).

It is concluded that the main 1999 geochemical response of interest, i.e., strongly anomalous zinc, could not be repeated during the 2000 program. In the OOZ 1 Area, some of the associated elements are present i.e., some barium, copper and silver, but anomalous cadmium, often the key indication of the importance of such anomalies, is absent in each and every sample taken. The three samples collected from the OOZ 2 Area are all devoid of anomalous element contents, except for a strongly anomalous gold value of 480 ppb.

The original zinc anomalies are interpreted as hydromorphic saline anomalies, accumulated over time, probably via scavenging by manganese and iron, and diluted by the torrential rains that Stewart Camp was subject to in the summer of 2000. Based on the analytical results, the area would normally be deemed to be of no current interest. However, the three anomalous gold values ranging between 30 and 480 ppb remain somewhat intriguing e.g., gold is not normally an apparent exploration target in Bowser Group sedimentary terrain. Moreover, the analytical technique used for the gold analyses had a lower detection limit of <30 ppb. As noted in the description of the Bitter Creek Project, when a number of the <30 ppb gold values from the Red Property were re-run, many then had anomalous values in the 10 to 80 ppb range.

It is recommended that all the Bowser samples with <30 ppb gold values be re-run with a

detection limit of <5 ppb. If an additional number of samples are then shown to have anomalous gold contents, claim staking and a detailed follow-up soil geochemical survey should be carried out, first and foremost in the vicinity of the 480 ppb, 2000 gold value from the OOZ 2 Area. Although the value does not have any other apparent metal association, the stream valley in which it was taken is probably structurally controlled. Some of the sediments proximal to it are propylitically altered (calcite, chlorite).

TABLE BOWSER SS00

TABLE BOWSERSS00: FOLLOW-UP SURVEYS ON 1999 SAMPLES 160248SS; 160249SS
SOIL SAMPLE DESCRIPTIONS AND MOST RELEVANT ANALYTICAL RESULTS:

	SAMPLE NO., LOCATION	TYPE,NAME, HORIZ, DEVEL, DEPTH	GR SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS	SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
1.0	759800CK CAMMET CHECK SAMP CH3						759800CK	180.0	2.6	10.0	142.0	5800.0	NA	0.5	90.0	16.0	20.0
2.0	759803SO 1 M S OF 759802 FROM S BK	CL/SILT/PEBS, B, WELL, 35 CM	CL - PEBS, GREY BRN - RUSTY BRN	80% CL, 10% SILT, 10% PEBS > BLK BOW SEDS MIN ORG, STICKY, LIM PATCHES, BANDS	GOOD > INTO S DITCH BLK BOW SEDS	WHITE COATING ON MATERIAL S DITCH - CARB? RUSTY OOZ IN DITCH	759803SO	<0.03	0.2	4.0	102.0	57.0	NA	<0.5	650.0	<2	<10
3.0	759804SO 1 M S OF 759801SS FROM S BK	CL/SILT/PEBS, B, WELL, 35 CM	CL - PEBS, GREY BRN - RUSTY BRN	70% CL, 10% SILT, 20% PEBS > BLK BOW SEDS, 50% WELL LIM, TO 4 CM MIN ORG, STICKY, LIM PATCHES, BANDS	GOOD > INTO S DITCH BLK BOW SEDS	WHITE COATING ON MATERIAL S DITCH - CARB? RUSTY OOZ IN DITCH	759804SO	90.0	<0.2	8.0	120.0	43.0	NA	<0.5	710.0	<2	<10
4.0	759805SO 10 M W OF 759801SO FROM S BK	CL/SILT/SD, B, WELL, 25 CM	CL - CO GREY BRN - RUSTY BRN	10% CL, 10% SILT, 70% SD > 50% FI, MEI 50% BOW SEDS, SOM LIM, MIN ORG	GOOD > INTO S DITCH BLK BOW SEDS	UPPER W REACH OF OOZ IN DITCH MAT IN BK NOT CURR OOZING	759805SO	<0.03	0.2	6.0	96.0	42.0	NA	<0.5	570.0	2.0	<10
5.0	759806SO 10 M E OF 759802SO FROM S BK	CL/SILT/SD/PEB B, WELL, 90 CM	CL - PEBS GREY BRN - RUSTY BRN	40% CL, 30% SILT, 20% SD, 10% FRAGS TO 2 CM, WELL OXID BOW SED	GOOD > INTO S DITCH BLK BOW SEDS	OOZ TRAIL E ALONG RD DITCH - STICKY WET SAMPLE INDIC OF OOZ TRAIL	759806SO	<0.03	0.6	6.0	108.0	54.0	NA	<0.5	600.0	<2	<10
6.0	759807SO 10 M E OF 759806SO FR S BK	CL/SILT/SD/PEB B, WELL, 100 CI	CL - PEBS GREY BRN - RUSTY BRN	40% CL, 30% SILT, 20% SD, 10% FRAGS TO 2 CM, WELL OXID BOW SED	GOOD > INTO S DITCH BLK BOW SEDS	OOZ TRAIL E ALONG RD DITCH - STICKY WET SAMPLE INDIC OF OOZ TRAIL	759807SO	<0.03	0.4	8.0	110.0	51.0	NA	<0.5	590.0	<2	<10
7.0	759808SO 20 M E OF 759807SO FR S BK	CL/SILT/SD/PEB B, WELL, 100 CM	CL - PEBS GREY BRN - RUSTY BRN	60% CL, 20% SILT, 10% SD, 10% FRAGS TO 2 CM, WELL OXID BOW SED	GOOD > INTO S DITCH BLK BOW SEDS	OOZ TRAIL E ALONG RD DITCH - STICKY WET SAMPLE INDIC OF OOZ TRAIL RD	759808SO	<0.03	0.6	4.0	92.0	45.0	NA	<0.5	570.0	<2	<10
8.0	759809SO 20 M E OF 759808SO FR S BK	CL/SILT/SD/PEB B, WELL, 200 CM	CL - PEBS GREY BRN - RUSTY BRN	60% CL, 20% SILT, 10% SD, 10% FRAGS TO 2 CM, WELL OXID BOW SED	GOOD > INTO S DITCH BLK BOW SEDS	OOZ TRAIL E ALONG RD DITCH - STICKY WET SAMPLE INDIC OF OOZ TRAIL RD 130 D	759809SO	<0.03	0.4	4.0	74.0	34.0	NA	<0.5	580.0	<2	<10

TABLE BOWSER SO00

TABLE BOWSERSO00: FOLLOW-UP SURVEYS ON 1999 SAMPLES 160248SS; 160249SS
SOIL SAMPLE DESCRIPTIONS AND MOST RELEVANT ANALYTICAL RESULTS:

	SAMPLE NO., LOCATION	TYPE,NAME, HORIZ, DEVEL, DEPTH	GR SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS	SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
1.0	759800CK CAMMET CHECK SAMP CH3						759800CK	180.0	2.6	10.0	142.0	5800.0	NA	0.5	90.0	16.0	20.0
2.0	759803SO 1 M S OF 759802 FROM S BK	CL/SILT/PEBS, B, WELL, 35 CM	CL - PEBS, GREY BRN - RUSTY BRN	80% CL, 10% SILT, 10% PEBS > BLK BOW SEDS MIN ORG, STICKY, LIMSEDS PATCHES, BANDS	GOOD > INTO S DITCH BLK BOW	WHITE COATING ON MATERIAL S DITCH - CARB? RUSTY OOZ IN DITCH	759803SO	<0.03	0.2	4.0	102.0	57.0	NA	<0.5	650.0	<2	<10
3.0	759804SO 1 M S OF 759801SS FROM S BK	CL/SILT/PEBS, B, WELL, 35 CM	CL - PEBS, GREY BRN - RUSTY BRN	70% CL, 10% SILT, 20% PEBS > BLK BOW SEDS, 50% WELL LIM, TO 4 CM MIN ORG, STICKY, LIM PATCHES, BANDS	GOOD > INTO S DITCH BLK BOW SEDS	WHITE COATING ON MATERIAL S DITCH - CARB? RUSTY OOZ IN DITCH	759804SO	90.0	<0.2	8.0	120.0	43.0	NA	<0.5	710.0	<2	<10
4.0	759805SO 10 M W OF 759801SO FROM S BK	CL/SILT/SD, B, WELL, 25 CM	CL - CO GREY BRN - RUSTY BRN	10% CL, 10% SILT, 70% SD > 50% FI, MEI 50% BOW SEDS, SOM LIM, MIN ORG	GOOD > INTO S DITCH BLK BOW SEDS	UPPER W REACH OF OOZ IN DITCH MAT IN BK NOT CURR OOZING	759805SO	<0.03	0.2	6.0	96.0	42.0	NA	<0.5	570.0	2.0	<10
5.0	759806SO 10 M E OF 759802SO FROM S BK	CL/SILT/SD/PEB B, WELL, 90 CM	CL - PEBS GREY BRN - RUSTY BRN	40% CL, 30% SILT, 20% SD, 10% FRAGS TO 2 CM, WELL OXID BOW SEED	GOOD > INTO S DITCH BLK BOW SEDS	OOZ TRAIL E ALONG RD DITCH - STICKY WET SAMPLE INDIC OF OOZ TRAIL	759806SO	<0.03	0.6	6.0	108.0	54.0	NA	<0.5	600.0	<2	<10
6.0	759807SO 10 M E OF 759806SO FR S BK	CL/SILT/SD/PEB B, WELL, 100 CI	CL - PEBS GREY BRN - RUSTY BRN	40% CL, 30% SILT, 20% SD, 10% FRAGS TO 2 CM, WELL OXID BOW SEED	GOOD > INTO S DITCH BLK BOW SEDS	OOZ TRAIL E ALONG RD DITCH - STICKY WET SAMPLE INDIC OF OOZ TRAIL	759807SO	<0.03	0.4	8.0	110.0	51.0	NA	<0.5	590.0	<2	<10
7.0	759808SO 20 M E OF 759807SO FR S BK	CL/SILT/SD/PEB B, WELL, 100 CM	CL - PEBS GREY BRN - RUSTY BRN	60% CL, 20% SILT, 10% SD, 10% FRAGS TO 2 CM, WELL OXID BOW SEED	GOOD > INTO S DITCH BLK BOW SEDS	OOZ TRAIL E ALONG RD DITCH - STICKY WET SAMPLE INDIC OF OOZ TRAIL RD	759808SO	<0.03	0.6	4.0	92.0	45.0	NA	<0.5	570.0	<2	<10
8.0	759809SO 20 M E OF 759808SO FR S BK	CL/SILT/SD/PEB B, WELL, 200 CM	CL - PEBS GREY BRN - RUSTY BRN	60% CL, 20% SILT, 10% SD, 10% FRAGS TO 2 CM, WELL OXID BOW SEED	GOOD > INTO S DITCH BLK BOW SEDS	OOZ TRAIL E ALONG RD DITCH - STICKY WET SAMPLE INDIC OF OOZ TRAIL RD 130 D	759809SO	<0.03	0.4	4.0	74.0	34.0	NA	<0.5	580.0	<2	<10

APPENDIX 4

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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49 NORMANDALE RD.
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Project : GR-00
Comments: ATTN: D. MOLLOY

Page Number :1-A
Total Pages :1
Certificate Date: 14-AUG-2000
Invoice No. :I0024959
P.O. Number :BOWR
Account :RIX

CERTIFICATE OF ANALYSIS A0024959

SAMPLE	PREP CODE		Au g/t	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
759800	214	285	0.18	2.6	4.82	90	< 0.5	16	10.15	0.5	191	718	5800	11.00	0.08	6.99
759803	201	202	< 0.03	0.2	7.17	650	0.5	< 2	0.11	< 0.5	19	120	57	3.25	1.21	1.28
759804	201	202	0.09	0.2	6.95	710	0.5	< 2	0.21	< 0.5	16	115	43	3.15	1.28	1.30
759805	201	202	< 0.03	< 0.2	6.08	570	0.5	2	0.11	< 0.5	26	101	42	3.07	1.03	1.04
759806	201	202	< 0.03	0.6	6.81	600	0.5	< 2	0.12	< 0.5	13	110	54	3.31	0.97	1.10
759807	201	202	< 0.03	0.4	5.70	590	0.5	< 2	0.22	< 0.5	24	98	51	3.00	1.08	1.00
759808	201	202	< 0.03	0.6	6.20	570	0.5	< 2	0.10	< 0.5	15	106	45	3.04	1.01	1.02
759809	201	202	< 0.03	0.4	6.17	580	0.5	< 2	0.08	< 0.5	8	115	34	3.08	1.14	1.08
759819	201	202	< 0.03	0.2	6.58	510	0.5	< 2	0.12	< 0.5	14	97	27	4.22	0.75	0.95
759824	201	202	< 0.03	0.8	4.28	670	0.5	< 2	0.64	1.0	57	69	16	2.48	0.62	0.47
759826	201	202	< 0.03	0.6	2.99	720	1.0	< 2	0.86	1.5	29	68	29	1.09	0.43	0.27
759827	214	285	1.89	3.2	8.47	30	< 0.5	< 2	4.21	< 0.5	211	36	7650	10.60	0.54	2.49

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services 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: MOLLOY, DAVID **
PROP
49 NORMANDALE RD.
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L3R 4J8

Project : GR-00
Comments: ATTN: D. MOLLOY

Page Number :1-B
Total Pages :1
Certificate Date: 14-AUG-2000
Invoice No. :I0024959
P.O. Number :BOWR
Account :RIX

CERTIFICATE OF ANALYSIS A0024959

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
759800	214	285	1055	< 1	0.15	2610	510	10	40	0.39	173	20	142
759803	201	202	1095	< 1	1.80	80	540	4	99	0.36	133	< 10	102
759804	201	202	770	< 1	1.69	86	770	8	107	0.34	137	< 10	120
759805	201	202	1200	< 1	1.69	71	400	6	95	0.31	107	< 10	96
759806	201	202	680	< 1	1.59	80	600	6	94	0.32	118	< 10	108
759807	201	202	915	< 1	1.73	95	670	8	107	0.30	104	< 10	110
759808	201	202	525	< 1	1.63	74	610	4	90	0.30	110	< 10	92
759809	201	202	325	< 1	1.27	60	600	4	77	0.32	133	< 10	74
759819	201	202	1125	< 1	1.35	59	440	6	100	0.38	126	< 10	142
759824	201	202	>10000	1	0.86	53	1650	10	152	0.24	95	< 10	76
759826	201	202	3810	1	0.72	22	1820	8	181	0.19	51	< 10	56
759827	214	285	1775	< 1	1.23	87	210	6	58	0.17	104	< 10	136

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Page Number :1-A
Total Pages :1
Certificate Date: 16-AUG-2000
Invoice No. :I0024962
P.O. Number :BOWR
Account :RIX

CERTIFICATE OF ANALYSIS A0024962

SAMPLE	PREP CODE		Au g/t	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
759801	201	202	< 0.03	0.2	6.34	660	0.5	< 2	0.20	< 0.5	28	99	39	3.21	1.09	1.10
759802	201	202	< 0.03	0.6	7.37	730	0.5	< 2	0.21	< 0.5	20	118	38	3.32	1.35	1.36
759810	201	202	< 0.03	1.2	4.61	320	0.5	< 2	0.22	< 0.5	30	57	30	2.05	0.49	0.39
759811	201	202	0.03	0.2	2.59	240	0.5	< 2	0.53	< 0.5	4	15	38	0.38	0.15	0.15
759812	201	202	< 0.03	1.2	2.81	120	0.5	< 2	0.24	< 0.5	4	13	40	0.25	0.11	0.08
759813	201	202	< 0.03	0.2	4.39	430	< 0.5	< 2	0.23	< 0.5	17	71	27	2.11	0.64	0.63
759814	201	202	< 0.03	0.2	1.23	290	< 0.5	< 2	0.91	< 0.5	5	18	15	0.68	0.19	0.16
759815	201	202	< 0.03	0.2	1.01	180	< 0.5	< 2	0.43	< 0.5	4	18	14	0.60	0.19	0.12
759816	201	202	0.48	< 0.2	0.44	160	< 0.5	< 2	0.94	0.5	3	5	6	0.57	0.07	0.06
759817	201	202	< 0.03	1.8	6.54	470	2.0	2	0.28	0.5	15	83	45	2.22	0.69	0.62
759818	201	202	< 0.03	0.8	5.51	550	1.5	< 2	0.34	0.5	13	90	44	2.43	0.85	0.92
759820	201	202	< 0.03	1.8	4.76	660	1.5	< 2	0.38	1.0	42	86	26	2.20	0.65	0.58
759821	201	202	< 0.03	1.4	2.74	370	1.0	< 2	0.54	2.0	9	43	51	0.68	0.33	0.30
759822	201	202	< 0.03	1.6	3.33	340	1.5	< 2	0.43	1.5	6	46	56	0.56	0.27	0.25
759823	201	202	< 0.03	0.6	4.25	1020	1.0	< 2	0.81	6.5	65	82	45	3.39	0.84	0.77
759825	201	202	0.18	1.2	6.82	140	1.0	< 2	2.92	3.5	31	62	132	5.72	1.64	1.62

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P.O. Number :BOWR
Account :RIX

CERTIFICATE OF ANALYSIS A0024962

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
759801	201	202	1795	3	1.57	68	1040	8	107	0.31	120	< 10	114			
759802	201	202	955	< 1	1.68	77	870	6	107	0.37	144	< 10	116			
759810	201	202	1200	3	0.53	30	2660	6	63	0.15	60	< 10	42			
759811	201	202	205	1	0.24	28	3310	2	80	0.05	15	< 10	32			
759812	201	202	220	< 1	0.15	17	2350	2	36	0.03	8	< 10	18			
759813	201	202	1485	< 1	1.08	43	1310	8	82	0.23	87	< 10	94			
759814	201	202	560	1	0.19	19	2270	2	127	0.05	23	< 10	32			
759815	201	202	345	1	0.07	11	1730	2	55	0.03	24	< 10	26			
759816	201	202	45	1	0.07	10	860	< 2	131	0.01	7	< 10	6			
759817	201	202	3040	< 1	0.43	63	2890	6	61	0.16	85	< 10	114			
759818	201	202	1240	< 1	0.71	70	1630	6	77	0.25	102	< 10	106			
759820	201	202	6620	< 1	0.88	57	2970	10	112	0.20	78	< 10	74			
759821	201	202	1165	4	0.32	34	2510	8	144	0.09	42	< 10	50			
759822	201	202	180	8	0.42	32	2500	6	282	0.10	37	< 10	26			
759823	201	202	>10000	< 1	0.35	125	1870	10	147	0.15	101	< 10	184			
759825	201	202	910	8	1.90	63	1080	82	295	0.29	164	10	254			

CERTIFICATION:

APPENDIX 4M

TABLE STRIBARA2:
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES) & INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) : AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

REF. NO. RECON TARGET AREA 2	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES) AND/OR GEOFINE FOLLOW-UP ACTIVITIES: (BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL. THRESHOLD VALUES OF 10 ppb AU, 0.8 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO, 10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)
1.00	160240SS	<5	<0.2	41.00	75.00	41.00	10.00	182.00	<0.5	16.00	130.00	<1	1.00	2.00	LOW RP FU TARG
2.00	160241SS	<5	0.20	28.00	32.00	41.00	10.00	84.00	<0.5	6.00	100.00	<1	2.00	<2	
3.00	160242SS	<5	1.40	83.00	67.00	32.00	10.00	190.00	<0.5	14.00	60.00	<1	3.00	<2	LOW PR FU TARG
4.00	160244SS	<5	0.60	32.00	52.00	10.00	4.00	72.00	<0.5	12.00	60.00	<1	<1	<2	-
5.00	160243SS	<5	0.80	58.00	75.00	25.00	8.00	118.00	<0.5	10.00	60.00	<1	1.00	2.00	LOW RP FU TARGET
6.00	160245SS	<5	0.20	37.00	67.00	36.00	14.00	152.00	0.58	14.00	150.00	<1	2.00	<2	LOW PR FU TARG
7.00	160246SS	<5	<0.2	36.00	57.00	17.00	8.00	90.00	0.56	16.00	120.00	<1	<1	4.00	LOW PR FU TARG
8.00	160247SS	<5	0.40	36.00	82.00	34.00	10.00	114.00	0.58	4.00	140.00	<1	<1	<2	LOW PR FU TARG
9.00	160248SS	<5	1.00	58.00	79.00	60.00	6.00	1585.00	2.50	14.00	330.00	<1	3.00	<2	HIGH RP FU TARG
10.00	160249SS	<5	0.20	16.00	35.00	22.00	<2	362.00	0.58	<2	230.00	<1	<1	<2	MED PR FU TARGET
11.00	160250SS	90.00	1.20	133.00	42.00	22.00	40.00	170.00	3.00	76.00	90.00	<1	4.00	2.00	
12.00	160251SS	<5	0.20	33.00	77.00	33.00	<2	170.00	1.50	2.00	230.00	<1	<1	<2	MED PR FU TARG
13.00	160252SS	<5	1.00	33.00	39.00	18.00	6.00	86.00	0.58	6.00	180.00	<1	<1	<2	
14.00	160253SS	<5	0.20	43.00	65.00	22.00	8.00	120.00	0.58	10.00	110.00	<1	<1	<2	LOW PR FU TARG
15.00	160254SO	<5	<0.2	26.00	17.00	1.00	2.00	42.00	<0.5	2.00	70.00	<1	<1	<2	
16.00	160255SS	10.00	0.40	41.00	48.00	24.00	10.00	108.00	0.58	12.00	130.00	<1	3.00	2.00	MED PR FU TARG
17.00	160256SS	<5	0.20	41.00	72.00	72.00	8.00	228.00	1.50	12.00	280.00	<1	3.00	<2	MED PR FU TARG
18.00	160257SS	<5	1.20	48.00	45.00	57.00	6.00	70.00	2.00	8.00	130.00	<1	4.00	<2	MED PR FU TARG
19.00	160258SS	<5	0.20	57.00	74.00	28.00	2.00	128.00	0.56	16.00	140.00	<1	<1	<2	LOW PR FU TARG
20.00	160259SS	<5	<0.2	32.00	58.00	14.00	6.00	84.00	0.56	6.00	110.00	<1	<1	<2	
21.00	160260SS	<5	0.20	43.00	54.00	16.00	8.00	136.00	1.50	10.00	100.00	<1	<1	2.00	LOW PR FU TARG

BOWSER LAKE PROJECT AREA

MAP 4: AREA 2

REGIONAL 1999 PROSPECTORS ASSISTANCE GEOCHEMICAL/GEOLOGICAL PROGRAM

- **160256SS STREAM SEDIMENT SAMPLE (approximate locations)**

BUFFALO HEAD FOREST PRODUCTS LTD.
FOREST LICENCE A16884

BELL I
FOREST DEVELOPMENT PLAN
1999 - 2003

HARVEST PLAN

Future Harvest
- Category A Proposed
- Category A Approved

SILVICULTURE STATUS
- Harvested in 1998
- Not Satisfactorily Restocked
- Reforested, Not Free Growing
- Free Growing

STREAM REACH CLASSIFICATION
- Fish Stream
- Non-Fish Stream

ROAD NETWORK
- Built
- Engineered
- Proposed

MISCELLANEOUS
- District Boundary
- Forest Cover
- UTM Grid
- FEN

Key Map

104a081	104a082	104a083	104a084			
104a071	104a072	104a073	104a074			
104a061	104a062	104a063	104a064			
104a051	104a052	104a053	104a054	104a055		
104a041	104a042	104a043	104a044	104a045	104a046	104a047
	104a032	104a033	104a034	104a035	104a036	104a037
	104a022	104a023	104a024	104a025	104a026	104a027
	104a012	104a013	104a014	104a015	104a016	104a017
	104a002	104a003	104a004	104a005	104a006	104a007

N

0 1km 2km

Scale: 1:50,000

00-23 pg 73.

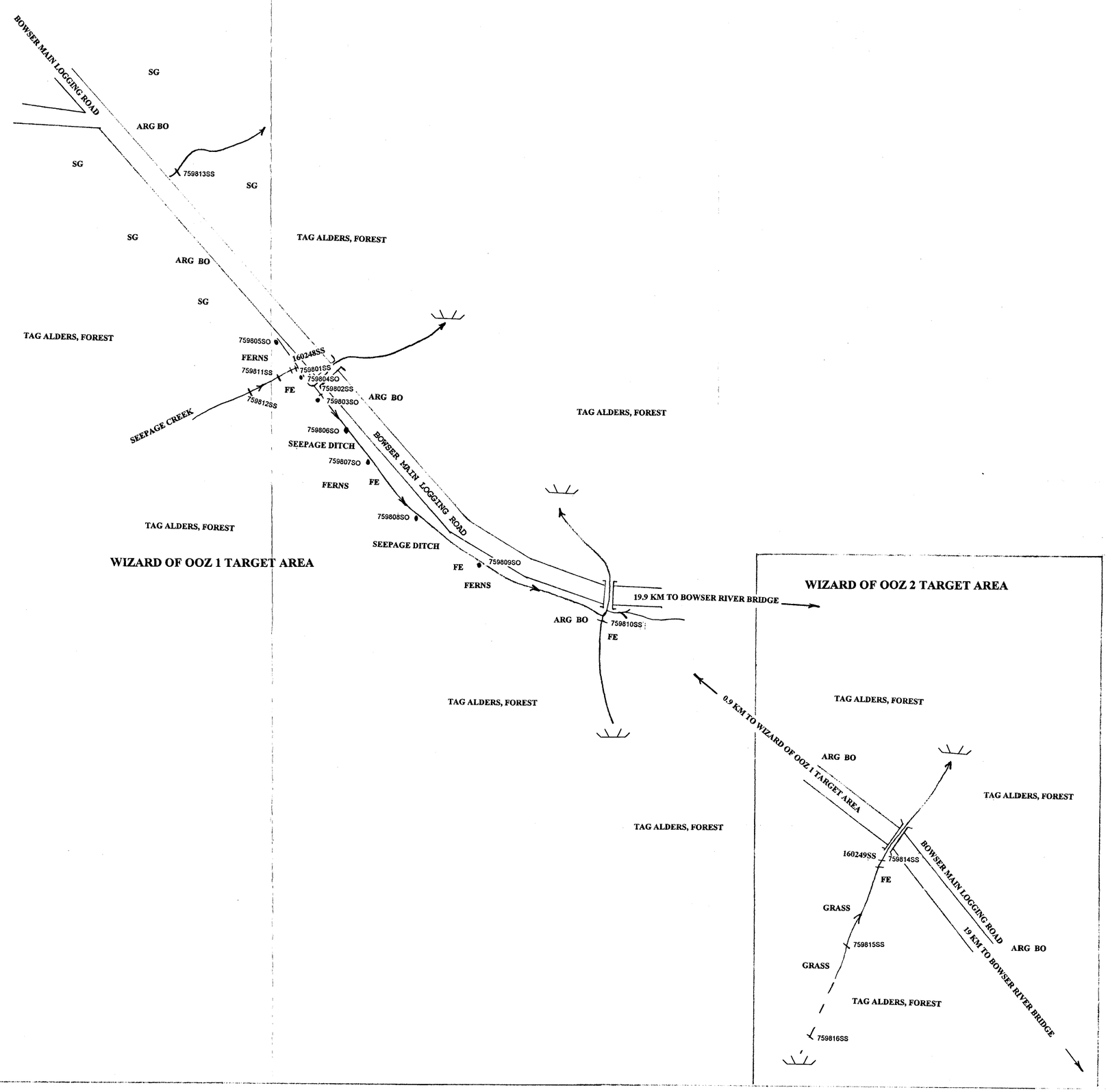

TABLE BOWSERSS00: FOLLOW-UP SURVEYS ON 1999 SAMPLES 160248SS; 160249SS
SOIL SAMPLES AND MOST RELEVANT ANALYTICAL RESULTS:

SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
759800CK	180.0	2.6	10.0	142.0	5800.0	NA	0.5	90.0	16.0	20.0
759803SO	<0.03	0.2	4.0	102.0	57.0	NA	<0.5	650.0	<2	<10
759804SO	90.0	<0.2	8.0	120.0	43.0	NA	<0.5	710.0	<2	<10
759805SO	<0.03	0.2	6.0	96.0	42.0	NA	<0.5	570.0	2.0	<10
759806SO	<0.03	0.6	6.0	108.0	54.0	NA	<0.5	600.0	<2	<10
759807SO	<0.03	0.4	8.0	110.0	51.0	NA	<0.5	590.0	<2	<10
759808SO	<0.03	0.6	4.0	92.0	45.0	NA	<0.5	570.0	<2	<10
759809SO	<0.03	0.4	4.0	74.0	34.0	NA	<0.5	580.0	<2	<10

TABLE BOWSERSS00: FOLLOW-UP SURVEYS ON 1999 SAMPLES 160248SS; 160249SS
STREAM SEDIMENT SAMPLES AND MOST RELEVANT ANALYTICAL RESULTS:

SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
759801SS	<0.03	0.2	8.0	114.0	39.0	NA	<0.5	660.0	<2	<10
759802SS	<0.03	0.6	6.0	116.0	38.0	NA	<0.5	730.0	<2	<10
759810SS	<0.03	1.2	6.0	42.0	30.0	NA	<0.5	320.0	<2	<10
759811SS	30.0	0.2	2.0	32.0	38.0	NA	<0.5	240.0	<2	<10
759812SS	<0.03	1.2	1.0	18.0	40.0	NA	<0.5	120.0	<2	<10
759813SS	<0.03	0.2	8.0	94.0	27.0	NA	<0.5	430.0	<2	<10
759814SS	<0.03	0.2	2.0	32.0	15.0	NA	<0.5	290.0	<2	<10
759815SS	<0.03	0.2	2.0	26.0	14.0	NA	<0.5	180.0	<2	<10
759816SS	480.0	<0.2	<2	6.0	5.0	NA	<0.5	160.0	<2	<10

MAP BOWSER00:

2000 GEOCHEMICAL, GEOLOGICAL FOLLOW-UP SURVEYS IN BOWSER LAKE PROJECT AREA:

LEGEND:

759807SO	SOIL SAMPLE LOCATION
759801SS	CREEK WITH FLOW DIRECTION AND SEDIMENT SAMPLE NUMBER
SG	SAND & GRAVEL
FE	IRON OXIDE STAIN
	BOWSER MAIN LOGGING ROAD
	CULVERT
	SWAMP
ARG BO	ARGILLITE BOULDERS

SCALE 1:500

00-23 PG 74.

5. SUMMARY: 2000 WHITE RIVERPROJECT: FOLLOW-UP GEOCHEMICAL, GEOLOGICAL ACTIVITIES, BEAR SEEP 1, 2 AREAS, NTS 104 A/12:

The White River Project is located south of Meziadin Lake, about 9 km east of Hwy 37A (Map 5). The White River logging road provides access, when it is not flooded or washed out. The project area is rather similar topographically and geologically to the Bowser Project Area. It is comprised of many historic clear-cut areas, and is underlain by Bowser Group sediments: argillite, mudstone and sandstone. Outcrops are generally limited to proximity to the road, and most of them are composed of argillite, shale and mudstone, often with minor carbonate alteration.

Follow-up activities were scheduled to evaluate a number of 1999 stream sediment anomalies (Molloy 2000; Map 8). However, in initial attempts, most stream targets were flooded or torrential rains had cleansed them totally of sediments, often leaving only a rocky or grassy streambed.

5.1. BEAR SEEP 1 AREA:

The Bear Seep 1 Area is located on the White River Road, about 10.5 km southeast of Hwy 37A (Map WRSEEP, Appendix 5M). Interest in the area was generated by the 1999 stream sediment sample 160317SS (Map 8), which contained anomalous copper (71 ppm), nickel (103 ppm) and zinc (162 ppm). In 2000, the creek was initially flooded upstream of the road culvert, and almost completely devoid of sediment. One confirmation stream sediment sample (759818SS) and one follow-up stream sample (759817SS; Map WRSEEP; Table WHITESS00; Appendix 5), returned anomalous silver (1.8, 0.8 ppm), anomalous copper (45, 44 ppm), anomalous nickel (63, 70 ppm) and very anomalous barium (470 and 550 ppm, respectively). However, although the samples have elevated zinc values of 114 and 106 ppm, the original zinc anomaly (threshold of 130 ppm) is no longer present.

A soil sample (759819SO; Map WRSEEP; Table WHITESO00; Appendix 5) of spectacularly oxidized (limonite, jarosite-alunite), B-horizon material returned anomalous zinc and nickel values (142 ppm and 59 ppm, respectively) and very anomalous barium (510 ppm).

5.2. BEAR SEEP 2 AREA:

The Bear Seep 2 Area is located on the White River Road about 9 km southeast of Hwy 37A (Map WRSEEP). Interest was generated by the 1999 stream sediment sample 160316SS (Map 8), which contained anomalous copper and nickel (62 and 83 ppm, respectively), and very anomalous zinc (956 ppm). In 2000, one confirmation stream sediment sample (759820SS) and three additional stream sediment samples (759821-759823SS) were collected, along with two soil samples (759824SO, 759826SO; Map WRSEEP; Tables WHITESS00; WHITESO00; Appendix 5). Three of the stream sediment samples have anomalous silver contents ranging

between 1.4 and 1.8 ppm; cadmium contents between 1.5 to 6.5 ppm; and, copper contents between 45 and 56 ppm. All four sediment samples have anomalous barium ranging between 340 to and 1020 ppm. Two of the samples have anomalous nickel contents of 57 and 125 ppm. One sample (759823SS), the farthest upstream, has an anomalous zinc content of 184 ppm, along with the aforementioned 6.5 ppm cadmium value and the 1020 ppm barium value.

Soil sample 759824SO was taken 4 m west of stream sediment sample 759823SS. It returned weakly anomalous silver (0.8 ppm) and anomalous nickel (53 ppm); and, very anomalous barium (670 ppm; Map WRSEEP; Table WhiteSO00). The second soil sample (759826SO), taken 4 m west of the road culvert, returned anomalous cadmium (1.5 ppm) and barium (720 ppm).

It is concluded that, as in the case of the Bowser Lake Project, the strong zinc anomaly originally located in the Bear Seep 2 Area may have been a hydromorphic saline anomaly with manganese and iron apparently acting as scavengers. The torrential rainfall experienced in the Stewart Camp in 2000 probably diluted the anomaly. However, anomalous zinc values were found in one soil sample from Bear Seep 1 and one stream sediment sample from Bear Seep 2. The soil sample is of some interest – such strongly oxidized B-horizon material is often associated with mineralized bedrock targets e.g., on the Red Claims in Bitter Creek Valley; and, on the Poly Claims at the 37A Zone. Both areas continue to have some anomalous silver, barium and, in the case of Seep 2, cadmium - all supportive of the original target rationale. Additional follow-up is recommended in both areas when ground conditions are most permissive and when Bear Seep1is not encompassed by devils club.

TABLE WHITESS00

TABLE WHITESSOO: FOLLOW-UP STREAM SEDIMENT SURVEYS ON 1999 SAMPLES 160316SS, 160317SS
BLACK BEAR SEEP AREAS 1, 2 , WHITE RIVER ROAD

	SAMPLE NO., LOC, TYPE:	NAME, COLOUR:	DESCRIPTION:	STREAM PERAMATERS:	GEOLOGY: SAMPLE NO		MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	NI ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
1.0	759817SS 35 M S OF WH R RD CONFIRMATION OF 160317SS RD @ 280° BEAR SEEP 1AREA	CL/SILT/ORGS BLK RD BRN	CL/SILT 30% CL, 65% SILT, 5% ORGS	STR UNDERGRD AT SAMP LOC > SEEPAGE CRK CRK FLOWS @ 360° CRK FULL OF DEV CLUB	SHALY BOWSER SEDS IN AREA	759817SS	<0.03	1.8	6.0	114.0	45.0	63.0	NA	0.5	470.0	<2	<10
2.0	759818SS 10 M S OF WH R RD FU OF 160317SS RD @ 280° BEAR SEEP 1 AREA	CL/SILT/ORGS GREY BRN	CL/SILT 35% CL, 35% SILT, 30% ORGS MUCK FROM S SIDE OF PD	SAMP FROM POND S OF RD CULVERT - N OF PD CRK IS UNDERGRD SEEPAGE CRK FLOWS @ 360°	SHALY BOWSER SEDS IN AREA	759818SS	<0.03	0.8	6.0	106.0	44.0	70.0	NA	1.0	550.0	<2	<10
3.0	759820SS 5 M S OF CULVERT ON WH R RD. RD @ 325° CONFIRMATION OF 160316SS BEAR SEEP 2 AREA	SILT BRN GREY BLK	SILT 20% SILT, 80% ORGS	SAMP FROM UPSTR OF POND S OF RD CULVERT SMALL SEEP CRK IN OPI AREA; ABUND FERNS, FIREWEED, GRASS CRK FLOWS @ 360°	SHALY BOWSER NSEDS IN AREA	759820SS	<0.03	1.8	10.0	74.0	26.0	57.0	NA	1.5	660.0	<2	<10
4.0	759821SS 25 M S OF CULVERT ON WH R RD. BEAR SEEP 2 AREA	SILT BRN GREY BLK	SILT 20% SILT, 80% ORGS	SAMP FROM UPSTR OF POND S OF RD CULVERT SMALL SEEP CRK IN OPI AREA; LOW FLOW - SMALL ABOV GRD CHAN	SHALY BOWSER NSEDS IN AREA	759821SS	<0.03	1.4	8.0	50.0	51.0	34.0	NA	1.0	370.0	<2	<10
5.0	759822SS 45 M S OF CULVERT ON WH R RD. BEAR SEEP 2 AREA	SILT BRN GREY BLK	SILT 20% SILT, 80% ORGS	SAMP LOC AT UPPER REACH OF ABOVE GRD WATER	SHALY BOWSER SEDS IN AREA	759822SS	<0.03	1.6	6.0	126.0	56.0	32.0	NA	1.5	340.0	<2	<10
6.0	759823SS 65 M S OF CULVERT ON WH R RD. BEAR SEEP 2 AREA	SILT BRN GREY BLK	SILT 20% SILT, 80% ORGS	SAMP TAKEN FR UNDERGRD CRK THRU HOLE IN OB	SHALY BOWSER SEDS IN AREA	759823SS	<0.03	0.6	10.0	184.0	45.0	125.0	NA	6.5	1020.0	<2	<10

TABLE WHITESO00

TABLE WHITESO00: FOLLOW-UP SOIL SURVEYS ON 1999 SAMPLES 160316SS, 160317SS
BLACK BEAR SEEP AREAS 1, 2 , WHITE RIVER ROAD

	SAMPLE NO., LOCATION	TYPE, NAME, HORIZ, DEVEL, DEPTH	GR SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS	SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	NI ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
1.0	759819SO 22.5 M S OF RD, E BK OF SEEP CRK BEAR SEEP 1	SILT/SD B, WELL, 20 CM	SILT - FI YEL ORG BRN WELL LIM	75% SILT, 25% SD, MIN ORGS	SEEP CRK BOW SED IN AREA	PROSPECTIVE ALT IN SOIL	759819SO	<0.03	0.2	6.0	142.0	27.0	59.0	NA	<0.5	510.0	<2	<10
2.0	759824SO FU OF 160316 BK SAMP @ 759823SS LOC - 4 M TO W BEAR SEEP 2	SILT/CL AB, WELL, 20 CM BK SAMP	CL - SILT GREY BLK	60% CLAY, SILT 30% , 10% ORGS	SEEP CRK BOW SED IN AREA	ABUND FERNS, THICK A HORIZ	759824SO	<0.03	0.8	10.0	76.0	16.0	53.0	NA	1.0	670.0	<2	<10
3.0	759825CK TOP MAP 104/A HWY 37 & BITTER CRK; NW BANK, CHECK MATERIAL FOR SURV	SD, BLK	FI GR, MAINLY RD MAFIC VOL (70%); QTZ (15%); OX MAT (6%); FELD (5%); MINOR BIOTITE, SERICITE; NO MAGNETITE		FAST FLOW NW, MAJOR STREAM DRAINING MINERALIZED AREA THAT INCLUDES RED MOUNTAIN FLOWS NE		759825SS	180.0	2.2	82.0	254.0	132.0	63.0	NA	3.5	140.0	<2	10
4.0	759826SO FU OF 160316 BK SAMP @ 759820SS LOC - 10 M TO W BEAR SEEP 2	SILT/CL AB, WELL, 20 CM BK SAMP	CL - SILT GREY BLK	25% CLAY, 25% SILT 50% ORGS	SEEP CRK BOW SED IN AREA	ABUND FERNS, THICK A HORIZ	759826SO	<0.03	0.6	8.0	56.0	29.0	22.0	NA	1.5	720.0	<2	<10
5.0	759827CK CANMET CHECK SAMPLE WGM1						759827CK	1890.0	3.2	6.0	136.0	7650.0	87.0	NA	<0.5	30.0	<2	<10

APPENDIX 5

ALS Chemex

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Project: GR-00
Comments: ATTN: D. MOLLOY

Page Number :1-A
Total Pages :1
Certificate Date: 14-AUG-2000
Invoice No. :I0024959
P.O. Number :BOWR
Account :RIX

CERTIFICATE OF ANALYSIS A0024959

SAMPLE	PREP CODE	Au g/t	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
759800	214 285	0.18	2.6	4.82	90	< 0.5	16	10.15	0.5	191	718	5800	11.00	0.08	6.99
759803	201 202	< 0.03	0.2	7.17	650	0.5	< 2	0.11	< 0.5	19	120	57	3.25	1.21	1.28
759804	201 202	0.09	0.2	6.95	710	0.5	< 2	0.21	< 0.5	16	115	43	3.15	1.28	1.30
759805	201 202	< 0.03	< 0.2	6.08	570	0.5	2	0.11	< 0.5	26	101	42	3.07	1.03	1.04
759806	201 202	< 0.03	0.6	6.81	600	0.5	< 2	0.12	< 0.5	13	110	54	3.31	0.97	1.10
759807	201 202	< 0.03	0.4	5.70	590	0.5	< 2	0.22	< 0.5	24	98	51	3.00	1.08	1.00
759808	201 202	< 0.03	0.6	6.20	570	0.5	< 2	0.10	< 0.5	15	106	45	3.04	1.01	1.02
759809	201 202	< 0.03	0.4	6.17	580	0.5	< 2	0.08	< 0.5	8	115	34	3.08	1.14	1.08
759819	201 202	< 0.03	0.2	6.58	510	0.5	< 2	0.12	< 0.5	14	97	27	4.22	0.75	0.95
759824	201 202	< 0.03	0.8	4.28	670	0.5	< 2	0.64	1.0	57	69	16	2.48	0.62	0.47
759826	201 202	< 0.03	0.6	2.99	720	1.0	< 2	0.86	1.5	29	68	29	1.09	0.43	0.27
759827	214 285	1.89	3.2	8.47	30	< 0.5	< 2	4.21	< 0.5	211	36	7650	10.60	0.54	2.49

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Project : GR-00
Comments: ATTN: D. MOLLOY

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Total Pages :1
Certificate Date: 14-AUG-2000
Invoice No. :I0024959
P.O. Number :BOWR
Account :RIX

CERTIFICATE OF ANALYSIS A0024959

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
759800	214	285	1055	< 1	0.15	2610	510	10	40	0.39	173	20	142			
759803	201	202	1095	< 1	1.80	80	540	4	99	0.36	133	< 10	102			
759804	201	202	770	< 1	1.69	86	770	8	107	0.34	137	< 10	120			
759805	201	202	1200	< 1	1.69	71	400	6	95	0.31	107	< 10	96			
759806	201	202	680	< 1	1.59	80	600	6	94	0.32	118	< 10	108			
759807	201	202	915	< 1	1.73	95	670	8	107	0.30	104	< 10	110			
759808	201	202	525	< 1	1.63	74	610	4	90	0.30	110	< 10	92			
759809	201	202	325	< 1	1.27	60	600	4	77	0.32	133	< 10	74			
759819	201	202	1125	< 1	1.35	59	440	6	100	0.38	126	< 10	142			
759824	201	202	>10000	1	0.86	53	1650	10	152	0.24	95	< 10	76			
759826	201	202	3810	1	0.72	22	1820	8	181	0.19	51	< 10	56			
759827	214	285	1775	< 1	1.23	87	210	6	58	0.17	104	< 10	136			

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Page Number :1-A
Total Pages :1
Certificate Date: 16-AUG-2000
Invoice No. :I0024962
P.O. Number :BOWR
Account :RIX

CERTIFICATE OF ANALYSIS A0024962

SAMPLE	PREP CODE		Au g/t	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
759801	201	202	< 0.03	0.2	6.34	660	0.5	< 2	0.20	< 0.5	28	99	39	3.21	1.09	1.10
759802	201	202	< 0.03	0.6	7.37	730	0.5	< 2	0.21	< 0.5	20	118	38	3.32	1.35	1.36
759810	201	202	< 0.03	1.2	4.61	320	0.5	< 2	0.22	< 0.5	30	57	30	2.05	0.49	0.39
759811	201	202	0.03	0.2	2.59	240	0.5	< 2	0.53	< 0.5	4	15	38	0.38	0.15	0.15
759812	201	202	< 0.03	1.2	2.81	120	0.5	< 2	0.24	< 0.5	4	13	40	0.25	0.11	0.08
759813	201	202	< 0.03	0.2	4.39	430	< 0.5	< 2	0.23	< 0.5	17	71	27	2.11	0.64	0.63
759814	201	202	< 0.03	0.2	1.23	290	< 0.5	< 2	0.91	< 0.5	5	18	15	0.68	0.19	0.16
759815	201	202	< 0.03	0.2	1.01	180	< 0.5	< 2	0.43	< 0.5	4	18	14	0.60	0.19	0.12
759816	201	202	0.48	< 0.2	0.44	160	< 0.5	< 2	0.94	0.5	3	5	6	0.57	0.07	0.06
759817	201	202	< 0.03	1.8	6.54	470	2.0	2	0.28	0.5	15	83	45	2.22	0.69	0.62
759818	201	202	< 0.03	0.8	5.51	550	1.5	< 2	0.34	0.5	13	90	44	2.43	0.85	0.92
759820	201	202	< 0.03	1.8	4.76	660	1.5	< 2	0.38	1.0	42	86	26	2.20	0.65	0.58
759821	201	202	< 0.03	1.4	2.74	370	1.0	< 2	0.54	2.0	9	43	51	0.68	0.33	0.30
759822	201	202	< 0.03	1.6	3.33	340	1.5	< 2	0.43	1.5	6	46	56	0.56	0.27	0.25
759823	201	202	< 0.03	0.6	4.25	1020	1.0	< 2	0.81	6.5	65	82	45	3.39	0.84	0.77
759825	201	202	0.18	1.2	6.82	140	1.0	< 2	2.92	3.5	31	62	132	5.72	1.64	1.62

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A0024962

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
759801	201	202	1795	3	1.57	68	1040	8	107	0.31	120	< 10	114			
759802	201	202	955	< 1	1.68	77	870	6	107	0.37	144	< 10	116			
759810	201	202	1200	3	0.53	30	2660	6	63	0.15	60	< 10	42			
759811	201	202	205	1	0.24	28	3310	2	80	0.05	15	< 10	32			
759812	201	202	220	< 1	0.15	17	2350	2	36	0.03	8	< 10	18			
759813	201	202	1485	< 1	1.08	43	1310	8	82	0.23	87	< 10	94			
759814	201	202	560	1	0.19	19	2270	2	127	0.05	23	< 10	32			
759815	201	202	345	1	0.07	11	1730	2	55	0.03	24	< 10	26			
759816	201	202	45	1	0.07	10	860	< 2	131	0.01	7	< 10	6			
759817	201	202	3040	< 1	0.43	63	2890	6	61	0.16	85	< 10	114			
759818	201	202	1240	< 1	0.71	70	1630	6	77	0.25	102	< 10	106			
759820	201	202	6620	< 1	0.88	57	2970	10	112	0.20	78	< 10	74			
759821	201	202	1165	4	0.32	34	2510	8	144	0.09	42	< 10	50			
759822	201	202	180	8	0.42	32	2500	6	282	0.10	37	< 10	26			
759823	201	202	>10000	< 1	0.35	125	1870	10	147	0.15	101	< 10	184			
759825	201	202	910	8	1.90	63	1080	82	295	0.29	164	10	254			

CERTIFICATION:

APPENDIX 5M

West Fraser Mills Ltd.

FOREST LICENCE A-16882
1997 ANNUAL REPORT
SCALE- 1:50,000

NORTH HALF

- AREAS LOGGED
- SITE PREPARATION
- AREAS PLANTED
- BRUSHING AND WEEDING
- SURVEYED
- FREE TO GROW
- ROAD CONSTRUCTED
- BRIDGE CONSTRUCTION

N

MAP 8: AREA 5

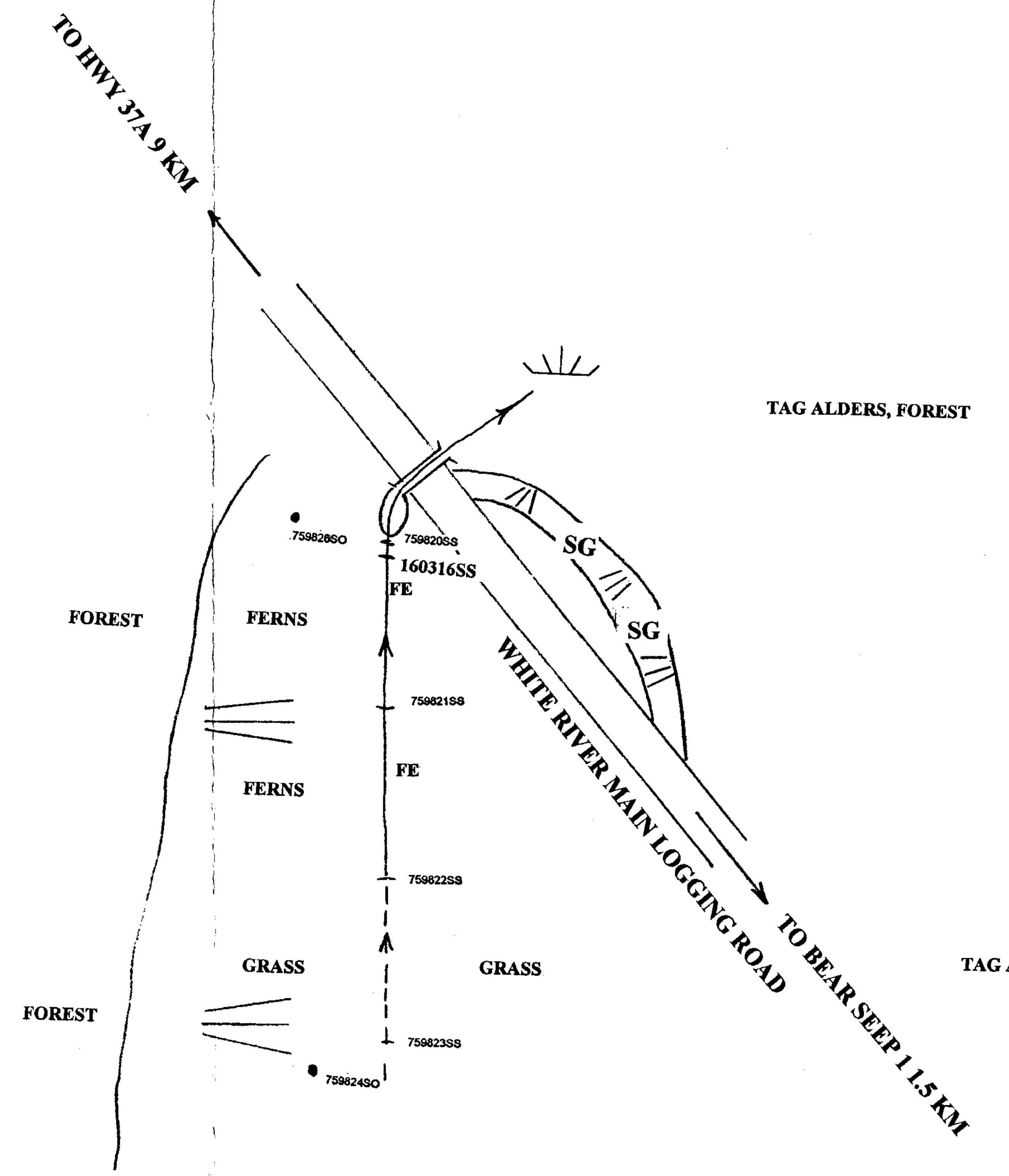
REGIONAL 1999 PROSPECTORS ASSISTANCE GEOCHEMICAL/GEOLOGICAL PROGRAM

- 160315SS STREAM SEDIMENT SAMPLE

WHITE RIVER PROJECT AREA

TABLE STRSARA5:
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT):
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

REF. NO.	SAMPLE	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES)
RECON		AU	AG	CU	NI	CO	PB	ZN	CD	AS	BA	HG	MO	SB	AND/OR GEOFINE FOLLOW-UP ACTIVITIES:
TARGET	NO.	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	(BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL.
AREA 5:															THRESHOLD VALUES OF 10 ppb AU, 0.6 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO,
															10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)
1.00	160315SS	<5	<0.2	34.00	89.00	13.00	6.00	96.00	<0.5	9.00	130.00	<1	2.00	<2	HIGH PR FU TARG
2.00	160315SS	<5	0.20	62.00	83.00	25.00	12.00	356.00	0.50	10.00	280.00	<1	2.00	<2	MOD PR FU TARG
3.00	160317SS	<5	<0.2	71.00	103.00	26.00	12.00	162.00	<0.5	14.00	210.00	<1	1.00	<2	
4.00	160318SS	<5	<0.2	23.00	40.00	10.00	2.00	104.00	<0.5	4.00	110.00	<1	1.00	<2	LOW PR FU TARG
5.00	160319SS	<5	<0.2	40.00	62.00	12.00	8.00	104.00	<0.5	6.00	140.00	<1	1.00	<2	LOW PR FU TARG
6.00	160320SS	<5	<0.2	38.00	68.00	16.00	10.00	116.00	<0.5	10.00	120.00	<1	3.00	<2	LOW PR FU TARG
7.00	160321SS	<5	0.40	39.00	53.00	19.00	8.00	118.00	0.50	8.00	260.00	<1	2.00	<2	LOW PR FU TARG
8.00	160322SS	<5	<0.2	40.00	62.00	15.00	10.00	110.00	<0.5	14.00	110.00	<1	2.00	<2	LOW PR FU TARG
9.00	160323SS	<5	<0.2	47.00	68.00	19.00	8.00	126.00	<0.5	14.00	170.00	<1	2.00	<2	LOW PR FU TARG
10.00	160324SS	10.00	0.20	42.00	35.00	12.00	6.00	88.00	<0.5	24.00	80.00	<1	3.00	2.00	LOW PR FU TARG
11.00	160250SS	<5	<0.2	40.00	35.00	13.00	10.00	86.00	<0.5	26.00	110.00	<1	3.00	<2	LOW PR FU TARG



BEAR SEEP 2 TARGET AREA

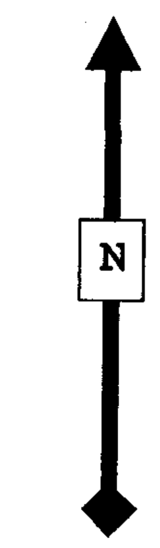
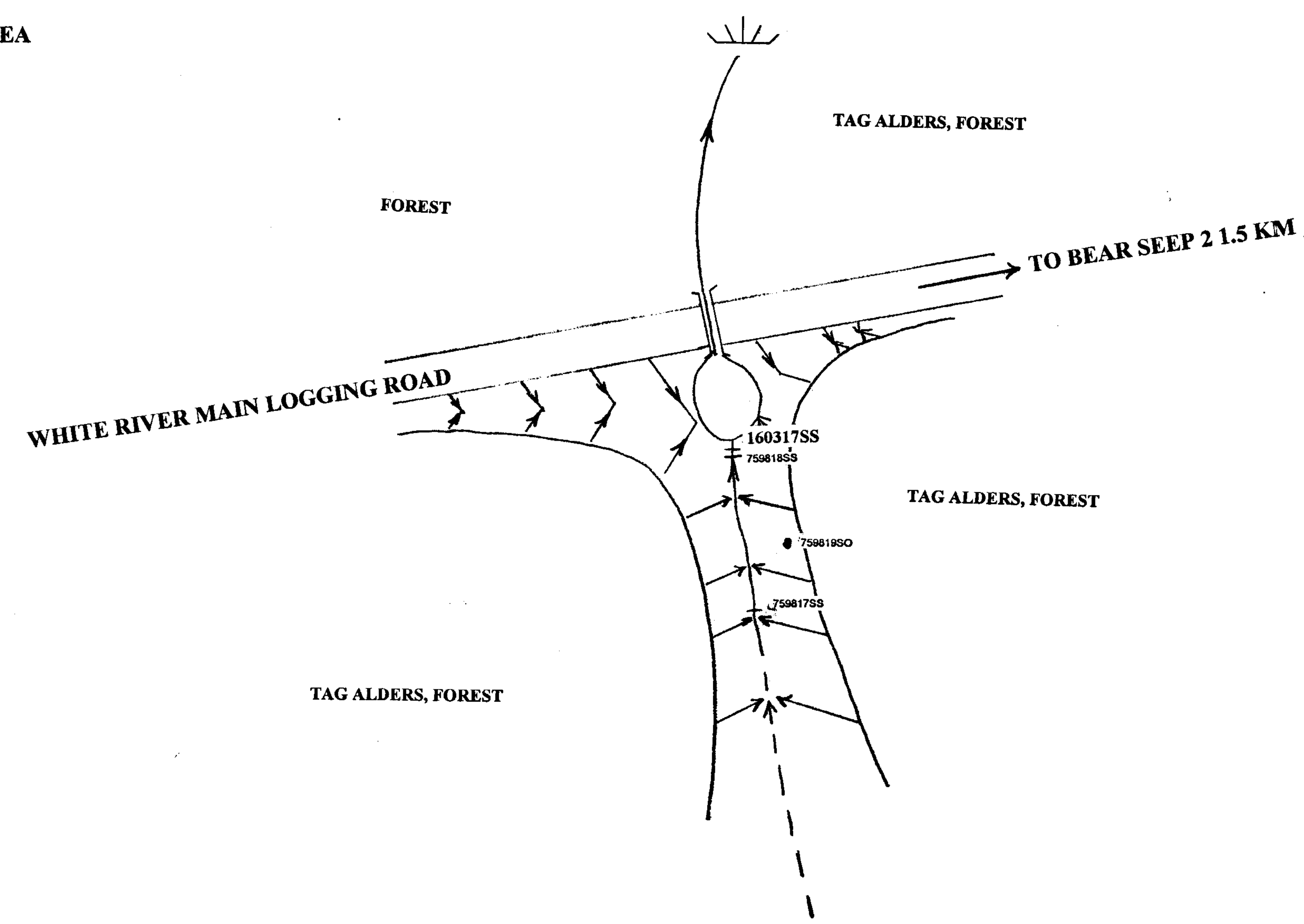


TABLE WHITESS00: FOLLOW-UP STREAM SEDIMENT SURVEYS ON 1999 SAMPLES 160316SS, 160317SS
BLACK BEAR SEEP AREAS 1, 2, WHITE RIVER ROAD

SAMPLE NO	AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	NI ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
	MOST RELEVANT ANALYTICAL RESULTS:										
759817SS	<0.03	1.8	6.0	114.0	45.0	63.0	NA	0.5	470.0	<2	<10
759818SS	<0.03	0.8	6.0	106.0	44.0	70.0	NA	1.0	550.0	<2	<10
759820SS	<0.03	1.8	10.0	74.0	26.0	57.0	NA	1.5	660.0	<2	<10
759821SS	<0.03	1.4	8.0	50.0	51.0	34.0	NA	1.0	370.0	<2	<10
759822SS	<0.03	1.6	6.0	126.0	56.0	32.0	NA	1.5	340.0	<2	<10
759823SS	<0.03	0.6	10.0	184.0	45.0	125.0	NA	6.5	1020.0	<2	<10

TABLE WHITESO00: FOLLOW-UP SOIL SURVEYS ON 1999 SAMPLES 160316SS, 160317SS
BLACK BEAR SEEP AREAS 1, 2 , WHITE RIVER ROAD

SAMPLE NO	AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	NI ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
	MOST RELEVANT ANALYTICAL RESULTS:										
759819SO	<0.03	0.2	6.0	142.0	27.0	59.0	NA	<0.5	510.0	<2	<10
759824SO	<0.03	0.8	10.0	76.0	16.0	53.0	NA	1.0	670.0	<2	<10
759825CK	180.0	2.2	82.0	254.0	132.0	63.0	NA	3.5	140.0	<2	10.0
759826SO	<0.03	0.6	8.0	56.0	29.0	22.0	NA	1.5	720.0	<2	<10
759827CK	1890.0	3.2	6.0	136.0	7650.0	87.0	NA	<0.5	30.0	<2	<10



BEAR SEEP 1 TARGET AREA

MAP WRSEEPS:

2000 GEOLOGICAL AND GEOCHEMICAL FOLLOW-UP SURVEYS BEAR SEEP 1, 2 AREAS, WHITE RIVER PROJECT, STEWART GOLD CAMP

LEGEND:

759822SS STREAM, WITH DIRECTION AND STREAM SEDIMENT SAMPLE LOCATION

● 759824SO SOIL SAMPLE LOCATION

STREAM BANK DOWN SLOPE DIRECTION

HILL UPSLOPE DIRECTION

SG SAND & GRAVEL

FE IRON OXIDE STAIN

WHITE RIVER MAIN LOGGING ROAD

CULVERT

SWAMP

ARG BO ARGILLITE BOULDERS

SCALE 1:500

00-23 PG 87

6. SUMMARY: 2000 MEZIADIN LAKE PROJECT: FOLLOW-UP GEOCHEMICAL, GEOLOGICAL ACTIVITIES, NTS 104 A/3:

The Meziadin Lake Project is located about 55 km east of Stewart. Lake access is gained by boat, which can be chartered from residents at the Meziadin Highway Camp on the north shore of the lake. Follow-up interest was generated by two 1999 stream sediment samples: 160456SS and 160459SS (Map 3). The former sample returned 75 ppb gold, along with anomalous copper and nickel (Map 3). The latter sample contained anomalous zinc (244 ppm), silver (0.8 ppm), nickel (67 ppm) lead (32 ppm), cadmium (2.5 ppm), and arsenic (106 ppm). The polymetallic stream sediment anomaly is characteristic of mineralized Hazelton Group terrains, which are often signatured by anomalies with lead and arsenic verifiers.

The aforementioned anomalies and others shown on Map 3 from streams draining into Meziadin Lake are generally located on the south and west shores of the northwest area of the lake. The mountainous topography on the south shore rises from the lake to over 1000 m. The steep topography is somewhat reflective of beds of Bower Group sediments (shale, mudstone) being eroded into cliff faces. The sediments are interbedded with more durable tuffs and tuff breccias of the Hazelton Group. The west end of the lake is mainly characterized by marshy, low ground where Strohn Creek enters the lake. The 2000 torrential rainfalls and sporadic melting of some 1999 mountain snow accumulations resulted in the high-energy streams on the south shore remaining flooded for most of the summer and cleansing the streams of most sediment fines. As a result of the high lake level, the western shores of the lake were also flooded, with some stream channels becoming indistinguishable.

In view of the field conditions, some confirmation and follow-up stream sediment sampling could only be accomplished with regard to the 1999 samples 160457SS, 160456SS, and 160455SS (Map 3). A total of 7 stream sediment samples were collected in 2000 (Table MEZSS00; Appendix 6; Map 3, Appendix 6M). Four these samples were collected with regard to the follow-up of 160456SS, but two of these samples were apparently lost in their shipment from Smithers to Vancouver. Of the five samples analyzed, all have anomalous zinc contents ranging between 156 to 220 ppm, copper contents between 50 and 58 ppm, and nickel contents between 78 and 89 ppm. However, the samples have no anomalous cadmium, barium, gold, arsenic or lead contents.

It is concluded that the aforementioned zinc anomalies would normally be regarded as of some interest, but the samples are apparently devoid of the usual associated verifier elements such as arsenic, lead, and cadmium. Bowser Group sedimentary terrains are characterized by anomalous copper and nickel (Molloy, 2000), and such anomalous values without any other verifiers are common and without apparent significance.

The dilution effect on sediment anomalies by high-energy runoff is well known to the author, particularly in the northeastern and central areas of the Stewart Camp, as well as in Jamaica and Mexico. Genuine anomalies take time to build up in streams, and significant run-off can

dilute or destroy them. In view of the favourable geology on the south shore of the northwest area of Meziadin Lake, including sulfidized pyroclastic rocks of the Hazelton Group, it is recommended that, as a low priority follow-up activity and only when field conditions are permissive, a traverse be made up the stream where the gold anomaly was returned from sample 160456SS. A number of sulfidized, angular boulders were apparent in the middle of the flooded stream, and when normal flow conditions prevail, the boulders could provide critical information about targets upstream. However, such work on a stream encompassed by devil's club is time consuming and should not come at the expense of the many higher priority targets identified to date e.g., the Bitter Creek Project, in the heart of the Stewart Gold Camp.

TABLE MEZSS00

TABLE MEZSS00: INITIAL FOLLOW-UP SURVEYS ON STREAM SEDIMENT SAMPLES 160454SS-160457SS
STREAM SEDIMENT SURVEY, MEZIADIN LAKE, STEWART GOLD CAMP

	SAMPLE NO., LOC, TYPE:	NAME, COLOUR:	DESCRIPTION:	STREAM PERAMATERS:	GEOLOGY:	SAMPLE NO	MOST RELEVANT ANALYTICAL RESULTS: AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	NI ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
1.0	686800ACK TOP MAP 104/A HWY 37 & BITTER CRK; NW BANK, CHECK MATERIAL FOR SURV	SD, BLK	FI GR, MAINLY MAF VOL (70%); QTZ (15%); OX (6%); FELD (5%); MINOR BIOTITE, SERICITE; NO MAGNETITE	MAJOR STR DRAINS RED MT AREA	ALTERED (SIL, CARB, K FELSPAR, LIM) HAZELTON VOL, MAINLY ANDESITE COMP SOM WELL LIM; SOM SHALEY BOW SED	686800ACK	90.0	2.6	54.0	200.0	150.0	67.0	165.0	2.0	60.0	<2	10.0
2.0	686800SS S MEZ L @ 25 M UPSTR CONFIRM SAMPLE FOR 160456SS	SILT/SD GREY	SILT - FI 85% SILT, 15% SD LITTLE SED	IN FLOOD, FEW FINES FLOW 115°	MOSTLY BOW SED, A FEW LARGE OX LIM BREC BO	686800SS	<0.03	<0.2	14.0	162.0	47.0	83.0	18.0	0.5	180.0	2.0	<10
3.0	686799SS S MEZ L @ 25 M UPSTR FROM 686800SS CONFIRM SAMPLE FOR 160456SS	CL/SILT/SD BRN	CL - FI 20% CL, 45% SILT, 35% SD LITTLE SED MIN ORGS, MIN HETRO FRAGS	IN FLOOD, FEW FINES	MOSTLY BOW SED, A FEW LARGE OX LIM BREC BO	686799SS	<0.03	<0.2	12.0	156.0	50.0	78.0	14.0	0.5	180.0	<2	<10
4.0	686798SS S MEZ L @ 25 M UPSTR CONFIRM SAMPLE FOR 160455SS	SILT/SD/GRAV BRN	SILT - PEBS 50% SILT, 45% SD, 5% PEBS PEBS MAINLY ANG BOW SED SOM LIM BREC	IN FLOOD, FEW FINES STEEP CRK FLOWS 102°	BOW SED IN CLIFFS, BOW SED IN CRK - MOSTLY ARGILLITE	686798SS	<0.03	<0.2	10.0	220.0	58.0	89.0	8.0	<0.5	180.0	<2	<10
5.0	686797SS S MEZ L @ MOUTH OF STR CONFIRM SAMPLE FOR 160457SS	SILT/SD/PEBS GREY BLK	SILT - PEBS 50% SILT, 45% SD, 5% PEBS PEBS MAINLY ANG BOW SED SOM LIM BREC	IN FLOOD HI ENGERGY CRK FLOWS 360°	BOW SED BO MOSTLY ARGILLITE SOME LARG BREC BO	686797SS	<0.03	<0.2	10.0	174.0	56.0	86.0	12.0	0.5	180.0	<2	<10
6.0	686796SS S MEZ L @ 25 M UPSTR CONFIRM SAMPLE FOR 160457SS	SILT/SD/PEBS GREY BLK	SILT - PEBS 50% SILT, 45% SD, 5% PEBS PEBS MAINLY ANG BOW SED SOM LIM BREC	IN FLOOD HI ENGERGY CRK FLOWS 360°	BOW SED BO MOSTLY ARGILLITE SOME LARG BREC BO	686796SS	<0.03	<0.2	14.0	194.0	56.0	80.0	14.0	0.5	210.0	<2	<10
7.0	686793CK TOP MAP 104/A HWY 37 & BITTER CRK; NW BANK, CHECK MATERIAL FOR SURV	SD, BLK	FI GR, MAINLY MAFIC VOL (70%; QTZ (15%); OX (6%); FELD (5%); MINOR BIOTITE, SERICITE; NO MAGNETITE	MAJOR STR DRAINS RED MT AREA	ALTERED (SIL, CARB, K FELSPAR, LIM)	686793CK	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8.0	686794SS 50 M UPSTR FROM 686799SS	SD, GRAV	FI-PEBS; 25% CO FRACT> HETRO PEBS: OVERALL COMP: BOW SEDS 35% GR SIL VOL 55% OXID 5%	IN FLOOD FEW FINES	ALTERED (SIL, CARB, K FELSPAR, LIM) HAZELTON VOL, MAINLY ANDESITE COMP SOM WELL LIM; SOM SHALEY BOW SED	686794SS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9.0	686795SS 50 M UPSTR FROM 686794SS	AS 686794SS				686795SS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX 6

ALS Chemex
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Analytical Chemists * Geochemists * Registered Assayers
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Project: GRMEZ
Comments: ATTN: DAVID MOLLOY

Total Pages :1
Certificate Date: 14-AUG-2000
Invoice No. :I0025046
P.O. Number :GR00-MEZ1
Account :RIX

CERTIFICATE OF ANALYSIS A0025046

SAMPLE	PREP CODE		Au g/t	Ag ppm	Al %	As ppm	B 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 %
686793	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
686794	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
686795	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
686796	201	202	< 0.03	< 0.2	2.32	14	< 10	210	0.5	< 2	0.54	0.5	32	39	56	4.57	< 10	< 1	0.14	< 10	1.20
686797	201	202	< 0.03	< 0.2	2.34	12	< 10	180	0.5	< 2	0.41	0.5	31	41	56	4.50	< 10	< 1	0.11	< 10	1.28
686798	201	202	< 0.03	< 0.2	1.95	8	< 10	180	0.5	< 2	0.77	< 0.5	29	43	58	3.97	< 10	< 1	0.06	< 10	0.96
686799	201	202	< 0.03	< 0.2	2.17	14	< 10	180	0.5	< 2	0.49	0.5	25	43	50	4.22	< 10	< 1	0.13	< 10	1.18
686800	201	202	< 0.03	< 0.2	2.09	18	< 10	180	0.5	2	0.45	0.5	25	45	47	4.17	< 10	< 1	0.11	< 10	1.14
686800A	201	202	0.09	2.6	1.49	156	< 10	60	< 0.5	< 2	2.57	2.0	30	24	150	5.33	< 10	< 1	0.10	< 10	1.31

CERTIFICATION:

ALS Chemex

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Page Number :1-B
Total Pages :1
Certificate Date: 14-AUG-2000
Invoice No. :I0025046
P.O. Number :GR00-MEZ1
Account :RIX

CERTIFICATE OF ANALYSIS A0025046

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
686793	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
686794	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
686795	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
686796	201	202	3510	2	0.02	80	980	14	0.10	< 2	6	56	0.02	< 10	< 10	63	< 10	194
686797	201	202	2640	2	0.01	86	930	10	0.17	< 2	7	45	0.01	< 10	< 10	60	< 10	174
686798	201	202	3550	1	0.01	89	840	10	0.07	< 2	5	151	< 0.01	< 10	< 10	48	< 10	220
686799	201	202	2090	2	0.02	78	1100	12	0.09	< 2	6	48	0.03	< 10	< 10	70	< 10	156
686800	201	202	2340	3	0.02	83	1070	14	0.10	< 2	6	44	0.02	< 10	< 10	59	< 10	162
686800A	201	202	705	5	0.01	67	1060	54	2.52	4	4	122	0.03	< 10	< 10	48	10	200

CERTIFICATION:

APPENDIX 6M

MEZIADIN LAKE

104 A/3

EDITION 2 ÉDITION

Military users, refer to this map as: / Référence de cette carte pour usage militaire:	SERIES A 721 SÉRIE / MAP 104 A/3 CARTE / EDITION 2 MCE ÉDITION

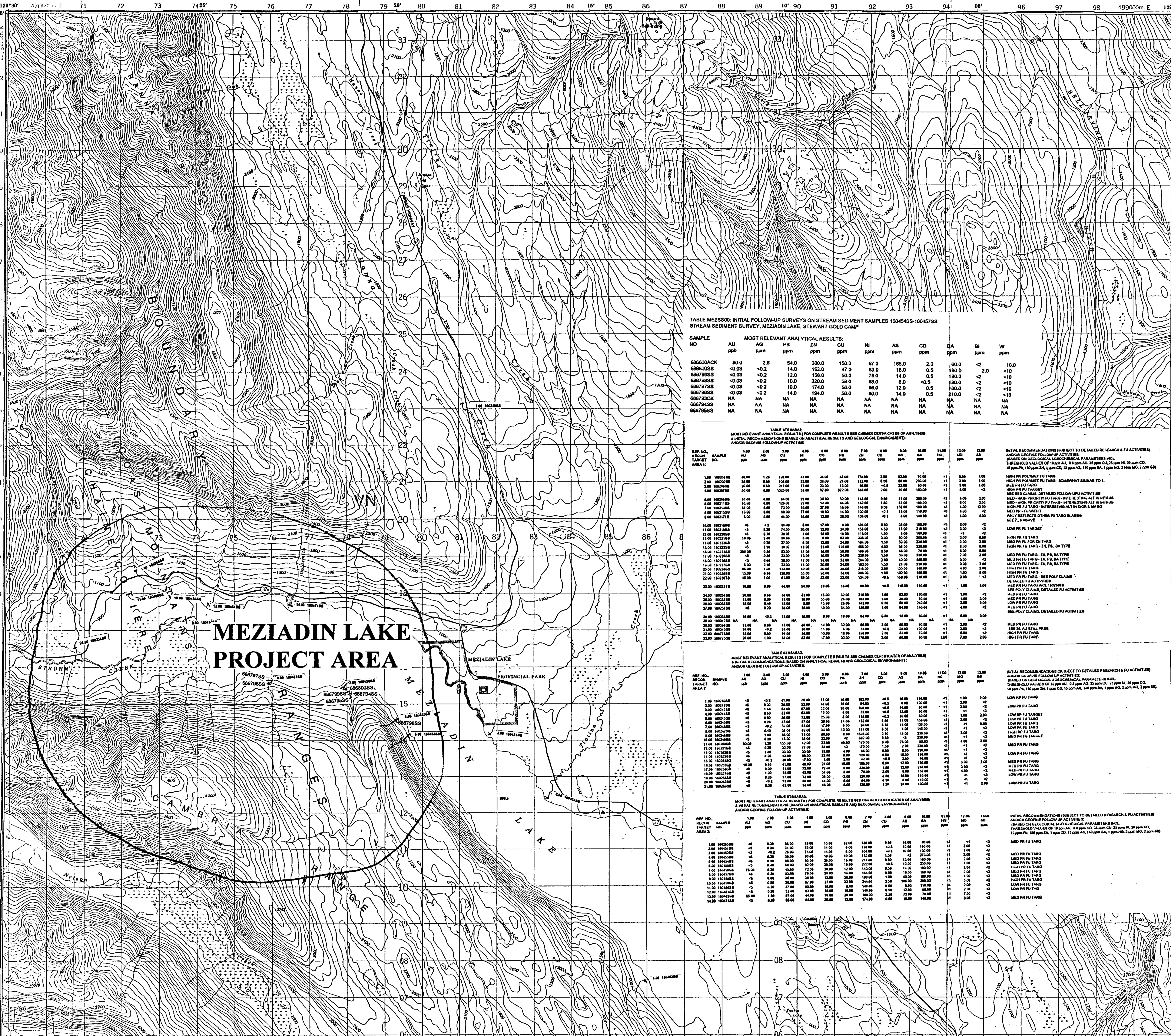

TABLE MEZSS00: INITIAL FOLLOW-UP SURVEYS ON STREAM SEDIMENT SAMPLES 160454SS-160457SS
STREAM SEDIMENT SURVEY, MEZIADIN LAKE, STEWART GOLD CAMP

MOST RELEVANT ANALYTICAL RESULTS:

SAMPLE NO	AU ppb	AG ppm	PB ppm	ZN ppm	CU ppm	NI ppm	AS ppm	CD ppm	BA ppm	BI ppm	W ppm
686800ACK	90.0	2.6	54.0	200.0	150.0	67.0	165.0	2.0	60.0	<2	10.0
686800SS	<0.03	<0.2	14.0	162.0	47.0	83.0	18.0	0.5	180.0	2.0	<10
686799SS	<0.03	<0.2	12.0	156.0	50.0	78.0	14.0	0.5	180.0	<2	<10
686798SS	<0.03	<0.2	10.0	220.0	58.0	89.0	8.0	<0.5	180.0	<2	<10
686797SS	<0.03	<0.2	10.0	174.0	56.0	86.0	12.0	0.5	180.0	<2	<10
686796SS	<0.03	<0.2	14.0	194.0	56.0	80.0	14.0	0.5	210.0	<2	<10
686793CK	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
686794SS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
686795SS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE STRSARA1;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES) AND/OR GEOFINE FOLLOW-UP ACTIVITIES: (BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL. THRESHOLD VALUES OF 10 ppb AU, 0.8 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO, 10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

REF. NO., RECON TARGET AREA 1:	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	INITIAL RECOMMENDATIONS
1.00	106201SS	40.00	1.20	128.00	43.00	24.00	46.00	178.00	2.50	82.00	70.00	<1	8.00	4.00	HIGH PR POLYMET FU TARG
2.00	106202SS	35.00	0.80	108.00	35.00	24.00	24.00	112.00	0.50	56.00	230.00	<1	3.00	6.00	HIGH PR POLYMET FU TARG - SOMEWHAT SIMILAR TO 1.
3.00	106206SS	20.00	0.60	218.00	17.00	23.00	12.00	60.00	<0.5	22.00	60.00	<1	9.00	4.00	MED PR FU TARG
4.00	106207SS	50.00	8.00	1325.00	31.00	37.00	372.00	348.00	2.00	40.00	160.00	<1	8.00	<2	HIGH PR FU TARGET SEE RED CLAIMS, DETAILED FOLLOW-UPU ACTIVITIES
5.00	106208SS	10.00	0.80	84.00	22.00	30.00	32.00	148.00	0.50	44.00	300.00	<1	4.00	2.00	MED - HIGH PRIORTIY FU TARG - INTERESTING ALT IN INTRUS
6.00	106211SS	10.00	0.80	128.00	22.00	12.00	44.00	182.00	1.50	82.00	180.00	<1	6.00	2.00	MED - HIGH PRIORTIY FU TARG - INTERESTING ALT IN INTRUS
7.00	106213SS	65.00	0.80	72.00	10.00	27.00	18.00	140.00	0.50	138.00	180.00	<1	4.00	12.00	HIGH PR FU TARG - INTERESTING ALT IN DIOR & MV BO
8.00	106215SS	10.00	0.60	50.00	17.00	18.00	14.00	100.00	<0.5	18.00	110.00	<1	4.00	<2	MED PR - FU WITH 7.
9.00	106217LS	5.00	0.80	41.00	18.00	13.00	28.00	134.00	<0.5	8.00	140.00	<1	1.00	4.00	WKLY REFLECTS OTHER FU TARG IN AREA- SEE 7., 8.ABOVE
10.00	160216SS	<5	<.2	31.00	8.00	17.00	8.00	104.00	0.50	28.00	190.00	<1	2.00	<2	
11.00	160218SS	<5	0.20	74.00	20.00	12.00	34.00	158.00	1.50	18.00	218.00	<1	3.00	<2	LOW PR FU TARGET
12.00	160220SS	<5	0.20	20.00	4.00	14.00	18.00	118.00	1.00	8.00	100.00	<1	<1	<2	
13.00	160221SS	10.00	2.80	26.00	5.00	8.00	92.00	338.00	3.00	80.00	200.00	<1	3.00	8.00	HIGH PR FU TARG
14.00	160222SS	<5	0.20	27.00	8.00	12.00	24.00	194.00	1.50	30.00	230.00	<1	3.00	2.00	MED PR FU FOR ZN TARG
15.00	160223SS	<5	1.20	30.00	18.00	11.00	114.00	456.00	4.50	56.00	320.00	<1	8.00	8.00	HIGH PR FU TARG - ZN, PB, BA TYPE
16.00	160224SS	200.00	0.80	83.00	41.00	18.00	50.00	186.00	2.50	66.00	70.00	<1	8.00	6.00	
17.00	160225SS	<5	0.80	23.00	13.00	10.00	24.00	228.00	1.50	30.00	230.00	<1	2.00	2.00	MED PR FU TARG - ZN, PB, BA TYPE
18.00	160226SS	<5	0.60	28.00	17.00	14.00	32.00	284.00	2.00	40.00	460.00	<1	5.00	<2	MED PR FU TARG - ZN, PB, BA TYPE
19.00	160227SS	5.00	0.40	23.00	14.00	20.00	24.00	182.00	1.50	28.00	210.00	<1	3.00	2.00	MED PR FU TARG - ZN, PB, BA TYPE
20.00	160228SS	65.00	1.00	123.00	40.00	20.00	38.00	218.00	2.00	130.00	140.00	<1	4.00	2.00	HIGH PR FU TARG
21.00	160229SS	15.00	0.80	128.00	55.00	28.00	34.00	308.00	1.50	102.00	160.00	<1	1.00	8.00	HIGH PR FU TARG
22.00	160230TS	15.00	1.00	61.00	69.00	23.00	22.00	134.00	<0.5	158.00	130.00	<1	3.00	<2	MED PR FU TARG - SEE POLY CLAIMS DETAILED FU ACTIVITIES
23.00	160232TS	10.00	0.80	44.00	54.00	18.00	18.00	88.00	<0.5	118.00	110.00	<1	1.00	8.00	MED PR FU TARG INCL 16023088 SEE POLY CLAIMS, DETAILED FU ACTIVITIES
24.00	160234SS	20.00	0.80	38.00	43.00	15.00	32.00	210.00	1.00	62.00	120.00	<1	1.00	<2	MED PR FU TARG
25.00	160235SS	15.00	0.20	78.00	10.00	35.00	28.00	184.00	1.00	38.00	30.00	<1	1.00	2.00	MED PR FU TARG
26.00	160236SS	15.00	0.40	49.00	8.00	15.00	28.00	182.00	0.50	50.00	240.00	<1	2.00	2.00	LOW PR FU TARG
27.00	160237SS	<5	0.20	86.00	48.00	10.00	54.00	156.00	1.00	84.00	140.00	<1	4.00	<2	MED PR FU TARG SEE POLY CLAIMS, DETAILED FU ACTIVITIES
28.00	160238SS	10.00	<0.2	31.00	18.00	8.00	18.00	84.00	0.50	14.00	50.00	<1	8.00	2.00	
29.00	160042SS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
30.00	160398SS	15.00	0.60	41.00	48.00	14.00	32.00	90.00	2.00	80.00	90.00	<1	3.00	<2	MED PR FU TARG
31.00	160343SS	10.00	<0.2	31.00	10.00	11.00	8.00	74.00	<0.5	28.00	100.00	<1	3.00	<2	SEE 30. AU STILL PRES
32.00	508776SS	15.00	0.80	94.00	58.00	15.00	18.00	196.00	2.50	52.00	70.00	<1	8.00	<2	HIGH PR FU TARG
33.00	508775SS	20.00	1.00	84.00	82.00	17.00	32.00	170.00	2.00	80.00	80.00	1.00	7.00	2.00	HIGH PR FU TARF.

TABLE STRSARA2;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES) AND/OR GEOFINE FOLLOW-UP ACTIVITIES: (BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL. THRESHOLD VALUES OF 10 ppb AU, 0.8 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO, 10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

REF. NO., RECON TARGET AREA 2:	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	INITIAL RECOMMENDATIONS
1.00	160240SS	<5	<0.2	41.00	75.00	41.00	10.00	182.00	<0.5	18.00	130.00	<1	1.00	2.00	LOW RP FU TARG
2.00	160241SS	<5	0.20	28.00	52.00	41.00	18.00	84.00	<0.5	8.00	100.00	<1	2.00	<2	LOW PR FU TARG
3.00	160242SS	<5	1.40	83.00	87.00	32.00	10.00	190.00	<0.5	14.00	80.00	<1	3.00	<2	
4.00	160244SS	<5	0.60	32.00	52.00	10.00	4.00	72.00	<0.5	12.00	60.00	<1	<1	<2	LOW RP FU TARGET
5.00	160243SS	<5	0.80	56.00	75.00	25.00	8.00	118.00	<0.5	10.00	60.00	<1	1.00	2.00	LOW PR FU TARG
6.00	160245SS	<5	0.20	37.00	87.00	38.00	14.00	152.00	0.50	14.00	150.00	<1	2.00	<2	LOW PR FU TARG
7.00	160246SS	<5	<0.2	39.00	57.00	17.00	8.00	90.00	0.50	16.00	120.00	<1	<1	8.00	LOW PR FU TARG
8.00	160247SS	<5	0.40	34.00	82.00	34.00	10.00	114.00	0.50	4.00	140.00	<1	<1	<2	HIGH RP FU TARG
9.00	160248SS	<5	1.00	56.00	78.00	60.00	8.00	1595.00	2.50	14.00	330.00	<1	3.00	<2	MED PR FU TARGET
10.00	160249SS	<5	0.20	16.00	35.00	22.00	<2	382.00	0.50	<2	230.00	<1	<1	<2	
11.00	160250SS	80.00	1.20	133.00	42.00	22.00	40.00	170.00	3.00	78.00	90.00	<1	4.00	2.00	MED PR FU TARG
12.00	160251SS	<5	0.20	33.00	77.00	33.00	<2	170.00	1.50	2.00	230.00	<1	<1	<2	
13.00	160252SS	<5	1.00	33.00	30.00	18.00	4.00	84.00	0.50	8.00	190.00	<1	<1	<2	LOW PR FU TARG
14.00	160253SS	<5	0.20	43.00	85.00	22.00	8.00	120.00	0.50	10.00	110.00	<1	<1	<2	
15.00	160254SO	<5	<0.2	28.00	17.00	1.00	2.00	42.00	<0.5	2.00	70.00	<1	<1	<2	MED PR FU TARG
16.00	160255SS	10.00	0.40	41.00	48.00	24.00	18.00	108.00	0.50	12.00	130.00	<1	3.00	2.00	MED PR FU TARG
17.00	160256SS	<5	0.20	41.00	72.00	72.00	8.00	228.00	1.50	12.00	280.00	<1	3.00	<2	MED PR FU TARG
18.00	160257SS	<5	1.20	44.00	45.00	57.00	8.00	70.00	2.00	8.00	130.00	<1	4.00	<2	LOW PR FU TARG
19.00	160258SS	<5	0.20	57.00	74.00	28.00	2.00	128.00	0.50	18.00	140.00	<1	<1	<2	
20.00	160259SS	<5	<0.2	32.00	58.00	14.00	8.00	84.00	0.50	6.00	110.00	<1	<1	<2	LOW PR FU TARG
21.00	160260SS	<5	0.20	43.00	54.00	18.00	6.00	138.00	1.50	10.00	100.00	<1	<1	2.00	

TABLE STRSARA3;
MOST RELEVANT ANALYTICAL RESULTS (FOR COMPLETE RESULTS SEE CHEMEX CERTIFICATES OF ANALYSES)
& INITIAL RECOMMENDATIONS (BASED ON ANALYTICAL RESULTS AND GEOLOGICAL ENVIRONMENT) :
AND/OR GEOFINE FOLLOW-UP ACTIVITIES:

INITIAL RECOMMENDATIONS (SUBJECT TO DETAILED RESEARCH & FU ACTIVITIES) AND/OR GEOFINE FOLLOW-UP ACTIVITIES: (BASED ON GEOLOGICAL &GEOCHEMICAL PARAMETERS INCL. THRESHOLD VALUES OF 10 ppb AU, 0.8 ppm AG, 35 ppm CU, 25 ppm NI, 20 ppm CO, 10 ppm Pb, 150 ppm ZN, 1 ppm CD, 15 ppm AS, 140 ppm BA, 1 ppm HG, 2 ppm MO, 2 ppm SB)

REF. NO., RECON TARGET AREA 3:	SAMPLE NO.	1.00 AU ppb	2.00 AG ppm	3.00 CU ppm	4.00 NI ppm	5.00 CO ppm	6.00 PB ppm	7.00 ZN ppm	8.00 CD ppm	9.00 AS ppm	10.00 BA ppm	11.00 HG ppm	12.00 MO ppm	13.00 SB ppm	INITIAL RECOMMENDATIONS
1.00	160285SS	<5	0.20	56.00	78.00	13.00	32.00	186.00	0.50	18.00	80.00	<1	<1	<2	MED PR FU TARG
2.00	160451SS	<5	0.30	31.00	79.00	14.00	8.00	128.00	<0.5	10.00	160.00	<1	2.00	<2	
3.00	160452SS	<5	<0.2	28.00	73.00	14.00	8.00	104.00	<0.5	10.00	120.00	<1	1.00	<2	
4.00	160453SS	<5	0.30	38.00	80.00	18.00	10.00	152.00	1.50	<2	270.00	<1	2.00	<2	MED PR FU TARG
5.00	160454SS	<5	0.40	85.00	93.00	28.00	18.00	214.00	0.50	12.00	180.00	<1	2.00	<2	MED PR FU TARG
6.00	160455SS	<5	0.40	68.00	82.00	30.00	18.00	222.00	<0.5	12.00	230.00	<1	1.00	<2	MED PR FU TARG
7.00	160456SS	75.00	0.30	45.00	72.00	20.00	12.00	140.00	0.50	14.00	180.00	<1	2.00	<2	HIGH PR FU TARG
8.00	160457SS	<5	0.20	53.00	76.00	28.00	14.00	154.00	0.50	18.00	160.00	<1	2.00	<2	MED PR FU TARG
9.00	160458SS	<5	0.80	36.00	38.00	12.00	30.00	190.00	1.00	40.00	160.00	<1	4.00	<2	MED PR FU TARG
10.00	160459SS	<5	0.80	38.00	67.00	22.00	32.00	244.00	2.50	108.00	380.00	<1	5.00	<2	HIGH PR FU TARG
11.00	160460SS	<5	0.20	47.00	85.00	18.00	8.00	148.00	0.50	8.00	110.00	<1	2.00	<2	LOW PR FU TARG
12.00	160461SS	<5	0.20	52.00	93.00	19.00	10.00	140.00	0.50	12.00	80.00	<1	2.00	<2	LOW PR FU TAQ
13.00	160462SS	85.00	1.00	87.00	44.00	19.00	28.00	160.00	2.50	72.00	70.00	<1	7.00	<2	
14.00	160474SS	<5	0.20	58.00	84.00	28.00	12.00	174.00	0.50	10.00	140.00	<1	3.00	<2	MED PR FU TARG

Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1989
FOR CENTRE OF MAP
Annual change decreasing 11.5'

N'utiliser le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1989
Variation annuelle décroissante 11,5'

T.N. N.G. 0°12' or/ou 4 Mils — 26°17' or/ou 467 Mils — Grid north — Nord du quadrillage — Magnetic north — Nord magnétique

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 9
QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR
DE MILLE MÈTRES

GRID ZONE DESIGNATION: DÉSIGNATION DE LA ZONE DU QUADRILLAGE:	100 000 m SQUARE IDENTIFICATION IDENTIFICATION DU CARRÉ DE 100 000 m
9 V	VN

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FIXER DES REPÈRES À 100 MÈTRES PRÈS

REFERENCE POINT / POINT DE REPÈRE: CHURCH - ÉGLISE (as above) (ci-dessus)

EASTING: Read number on grid line immediately to left of point: / ABSCISSE: 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: / ORDONNÉE: 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
984
GRID REFERENCE: 975984
RÉFÉRENCE AU QUADRILLAGE: 975984
Nearest similar grid reference 100 000 metres
La référence similaire la plus près est à 100 000 mètres

MAP 3: AREAS 1, 2, 3

REGIONAL 1999 PROSPECTORS ASSISTANCE GEOCHEMICAL/GEOLOGICAL PROGRAM

- 160450SS STREAM SEDIMENT SAMPLE

104 A/5	104 A/6	104 A/7
104 A/4	104 A/3	104 A/2
103 P/13	103 P/14	103 P/15

130°00' 128°30' 56°30' 55°45'
Index to adjoining Maps of the National Topographic System
Tableau d'assemblage du Système national de référence cartographique

PRODUCED BY THE CANADA CENTRE FOR MAPPING, DEPARTMENT OF ENERGY, MINES AND RESOURCES. INFORMATION CURRENT AS OF 1988. PUBLISHED 1990.

COPIES MAY BE OBTAINED FROM THE CANADA MAP OFFICE, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA, OR YOUR NEAREST MAP DEALER.

Roads:	Routes:		
hard surface	revêtement dur	dual highway / double chaussée	more than 2 lanes / plus de 2 voies
hard surface	revêtement dur	2 lanes / 2 voies	less than 2 lanes / moins de 2 voies
loose or stabilized surface, all weather	gravier, aggloméré, toute saison	2 lanes or more / 2 voies ou plus	less than 2 lanes / moins de 2 voies
loose surface, dry weather	de gravier, temps sec		
unclassified road or street	route non classée ou rue		
cart track	de terre		
trail, cut line or portage	sentier, percée ou portage		

MEZIADIN LAKE

CASSIAR LAND DISTRICT

BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Canada Centre for Surveying, Ottawa.

Pour tout renseignement concernant les repères de nivellement et les bornes géodésiques, prière de s'adresser à la Division des levés géodésiques, Centre canadien des levés, Ottawa.

CONVERSION SCALE FOR ELEVATIONS — ÉCHELLE DE CONVERSION DES ALTITUDES
Metres 30 20 10 0 50 100 150 200 250 300 Mètres
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain 1927
Projection transverse de Mercator

ÉTABLIE PAR LE CENTRE CANADIEN DE CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. RENSEIGNEMENTS À JOUR EN 1988. PUBLIÉE EN 1990.

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.

MEZIADIN LAKE
104 A/3
EDITION 2 ÉDITION

Energy, Mines and Resources Canada — Énergie, Mines et Ressources Canada

26
00-23 r695

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8. STATEMENT OF QUALIFICATIONS:

I, David E. Molloy, of the Town of Unionville, of the Regional Municipality of York, Ontario, hereby certify that:

i. I am prospector/consultant with a business address at 49 Normandale Road, Unionville, Ontario, L3R 4J8.

ii. I am a graduate of McMaster University, in the City of Hamilton, Ontario, with a B.A. in Philosophy (1968); I am a graduate of the University of Waterloo, in the City of Waterloo, Ontario, with a B.Sc. in Earth Science (1972);

iii. I have practised my profession in mineral exploration continuously for the past 28 years, including 10 years as a prospector/consultant; 10 years with St. Joe Canada Inc./Bond Gold Canada Inc./LAC Minerals Ltd. as Regional Geologist, Exploration Manager, Vice President and as Senior Vice President, Canadian Exploration; and, 8 years with Beth-Canada Mining Company as a Regional Geologist;

iv. I am a Fellow of The Geological Association of Canada; and a Member of the Association of Professional Geoscientists of Ontario;

v. I am a Member of the Canadian Institute of Mining and Metallurgy; of the Prospectors and Developers' Association; of the Canadian Geophysical Union; of the Association of Exploration Geochemists; and, of the BC Yukon Chamber of Mines;

vi. I have carried out the majority of the fieldwork and the prepared this report entitled "Report On The 2000 Prospectors Assistance Program: Follow-up Geochemical And Geological Surveys On The Bitter Creek, Entrance Peak, Mount Strohn, Bowser Lake, White River, Meziadin Lake Exploration Projects Delineated By A 1999 Stream Sediment And Geological Evaluation (Prospectors Assistance Program) Of Hazelton Goup And Covered Hazelton Group Lithologies In The Stewart Gold Camp: Skeena Mining Division, Stewart Gold Camp, Northwestern British Columbia" by David E. Molloy.

vii. The recommendations herein are solely the responsibility of the author.

David E. Molloy, B.A., B.Sc., F.G.A.C.

Dated at Unionville, Ontario, this 18th day of January, 2001