REPORT ON THE 1996

DELTA WEST PROJECT:

SKEENA MINING DIVISION

NORTHWESTERN BRITISH COLUMBIA

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM

Name: David E. Molloy

Days: Project Area:	Project Completed?	Prospecting Days	Other Days	Total Days
Delta West Project Area	Yes, as field conditions allowed	30	9	39

PROSPECTING ASSISTANTS:

Janine Calder, B.Sc., geologist.

CLAIMS STAKE DURING/AFTER PROSPECTING ACTIVITY:

Project Area:	Claim Names:	No. of Units
Delta West	Fox 30-40	208

OPTION AGREEMENTS: None to date

EXPENDITURES (total of all projects):

ANALYSES/ASSAY COSTS:.....$3334.31

EQUIPMENT RENTALS/SUPPLIES.....$1048.87

FOOD AND ACCOMMODATION.....$1708.89

VEHICLE RENTAL/OPERATION.....$ 899.83

OTHER EXPENSES (specify)..CLAIM RECORDING....$1041.07
FIELD SALARIES.....$3317.10
REPORT PREPARATION.....$ 665.76

TOTAL.....$12015.83

SIGNATURE OF GRANTEE David E Molloy

TABLE 1A

A. SUMMARY OF PROSPECTING ACTIVITY (CONTINUED)
DAILY REPORTS (DIARY): DELTA WEST PROJECT AREA

DAY:	DATE:	PROSPECTING DAYS:	WORK PERFORMED:
1	JUNE 16		PROCURE SUPPLIES, PACK
2	JUNE 17		RESERVATIONS, LOGISTICS
3	JUNE 18	1	TRAVEL, SUPPLIES, FIELD OR
4	JUNE 19	1	CLAIM STAKING
5	JUNE 20	1	CLAIM STAKING
6	JUNE 21	1	CLAIM STAKING
7	JUNE 22	1	CLAIM STAKING
8	JUNE 23	1	CLAIM STAKING
9	JUNE 24	1	RUN SAMPLE, MAP LINES
10	JUNE 25	1	RUN SAMPLE, MAP LINES
11	JUNE 26	1	RAIN OUT FIELD - STEWART SUPPLIES
12	JUNE 27	1	CLAIM STAKING
13	JUNE 28	1	RAIN OUT - ROAD RECON
14	JUNE 29	1	CLAIM STAKING
15	JUNE 30	1	CALIM STAKING
16	JULY 1	1	CLAIM STAKING
17	JULY 2	1	FIELD RAIN OUT - RECORD CLAIMS; WORK PERMIT
18	JULY 3	1	GEOCHEM SAMPLE
19	JULY 4	1	GEOCHEM SAMPLE RAINOUT
20	JULY 5	1	GEOCHEM SAMPLE
21	JULY 6	1.5	GEOCHEM SAMPLE C/W ASSIST
22	JULY 7	1.5	GEOCHEM SAMPLE C/W ASSIST
23	JULY 8	1	GEOCHEM SAMPLE
24	JULY 11	1	LOG SAMPLES DATA ENTRY
25	JULY 12	1	LOG SAMPLES DATA ENTRY
26	JULY 22	1	LOG/PACK SAMPLES
27	AUGUST 29	1	GEOCHEM SAMPLE RAINOUT
28	AUGUST 30	1	GEOCHEM SAMPLE RAINOUT
29	AUGUST 31	1	GEOCHEM SAMPLE
30	SEPT 1	1	GEOCHEM SAMPLE/LOG SAMPLES
31	SEPT 2	1	LOG/PACK SAMPLES
32	OCT 3		REPORT
33	OCT 4		REPORT
34	OCT 5		REPORT
35	OCT 26		REPORT
36	OCT 30		REPORT
37	NOV 18		REPORT
38	NOV 19		REPORT
TOTALS:		30 PROSPECTING DAYS	
		9 OTHER DAYS	

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM

B. TECHNICAL REPORT:

NAME: David E. Molloy

PROJECT AREA: Delta West Project Area

LOCATION OF PROJECT AREA: NTS: 104 A/12 **Lat** 56 deg, 36′; **Long** 129 deg, 38′

DESCRIPTION OF LOCATION AND ACCESS:

The Delta West Project is situated in the Delta Peak Area of the Skeena Mining Division about 80 km northeast of the town of Stewart, B.C.; and, about 75 km north of Meziadin Junction, B. C.

The Stewart-Cassiar Highway trends generally northwest on the west side of the project area and provides excellent access. Much of the ground in the vicinity of the highway has been clear cut and a number of old lumber roads provide some additional, interior access.

MAIN COMMODITIES SEARCHED FOR: Gold, copper

KNOWN MINERAL OCCURRENCES IN PROJECT AREA: None

WORK PERFORMED:

3. **GEOCHEMICAL (type and no. of samples):** 300 soil; 10 biogeochemical; 4 stream water

7. **OTHER (specify):** Claim staking - 208 claim units

SIGNIFICANT RESULTS:

COMMODITIES: Zinc soil anomalies **CLAIM NAME:** Fox 31-34; 40

LOCATION (shown on Map 4): area of interest centered at about **Lat** 56 deg, 37.5′, **Long** 129 deg, 39.8′; **Elevation:** approx. 534 m

BEST ASSAYS/SAMPLE TYPE: successive soil samples (50 m spacing; zinc, copper, silver, cadmium, barium in ppm, Zone 1):
F76 432, 20, 0.4, 0.5, 310
F77 800, 106, 0.6, 3.0, 460
F78 672, 114, 0.6, 9.5, 570

DESCRIPTION OF MINERALIZATION, HOST ROCKS, ANOMALIES:

Linear zinc soil anomalies most often with barium correlation, and varying degrees of copper (usually flanking), cadium and silver correlation. Five zones identified with apparent widths and strike lengths up to over 300 and 4.5 km, respectively (interpreted dimensions must be confirmed with detailed follow-up sampling). Anomalies occur near postulated Bowser Lake Group/Hazelton Group contact and are deemed to offer interesting, stratabound zinc targets.

REPORT ON THE 1996 DELTA WEST PROJECT,

DELTA PEAK AREA:

SKEENA MINING DIVISION,

NORTHWESTERN BRITISH COLUMBIA

LATITUDE 56°36′ NORTH

LONGITUDE 129°38′ WEST

NTS 104 A/12

BY

DAVID E. MOLLOY

NOVEMBER, 1996

SUMMARY:

DELTA WEST PROJECT:

The Delta West Project was carried out partially in June, July, August and September, 1996, as weather and field conditions allowed. The work comprised claim staking (11 mineral claims totalling 208 claim units) and a reconnaissance geochemical evaluation (the collection of 300 soil, 4 stream water and 10 biogeochemical samples) of part of the western flank of the Oweegee Dome which is postulated to be underlain by favourable Hazelton Group rocks.

The project area is located in the Stewart Gold Camp about 75 km north of Meziadin Junction in Northwestern British Columbia. The project area is centred on NTS Map Sheet 104A/12 at latitude 56°36'N, longitude 129°38'W and covers 52 square kms.

The field program was carried out in conjunction with the activities of prospecting partner, David R. Kennedy (see separate Kennedy report). Kennedy supervised the claim staking and carried out the geological mapping and stream sediment sampling concurrently with the activities described in this report. An application has been filed to fund the majority of the approximately $12,000 expenditure under the 1996 Prospector's Assistance Program of British Columbia.

The main exploration target was gold and polymetallic mineralization most likely in structurally controlled, sulfidized zones associated with hydrothermally altered, pyroclastic and intermediate to felsic intrusive rocks. Relevant models include Marc Zone type mineralization (auriferous pyrite and sphalerite in plunging oreshoots in structurally controlled zones in and in proximity to a porphyritic diorite intrusion) located on Barrick's Red Mountain Property; and, the Silbak-Premier en echelon ore bodies hosted by Unuk River Formation andesites and comagmatic porphyritic dacite sills and dykes and controlled by northwesterly and northeasterly trending structures and their intersections.

The majority of rather sparse outcrops are found along the Stewart-Cassiar Highway and generally comprise northwest trending, steeply dipping Bowser Lake Group sediments ranging from fine grained black mudstones and siltstones to medium grained, grey sandstones that are often sheared and weakly to strongly limonitized. Mafic to intermediate volcanic rocks showing varying degrees of propylitic alteration also occur, most often on the eastern side of the project area that was evaluated.

Soil sampling was carried out mainly along claim lines, the cutting of which was often limited by topography. Initially, approximately one half of the 300 soil samples (representing a 100 m sample spacing) were subject to gold analysis (FA-AA) and 32 element ICP in order to delineate any anomalous trends and ascertain possible masking effects of some apparent transported overburden cover.

Contrary to the postulated prospective gold environment, all of the soil gold values were less than 5 ppb. Copper values (ranging between 8 and 106 ppm except for one value of 310 ppm) were generally weak. However, the zinc values that range between 40 and 578 ppm (except for one value of 800 ppm) and average 229 ppm, appeared to define a number of anomalies, some with weakly anomalous silver, copper, cadmium, and manganese correlation. In order to determine the importance of the zinc anomalies (generally using a threshold value of 225 ppm zinc in lieu of a statistically calculated value due to the lack of a fully representative sample population), 32 element ICP was run on 75 additional, fill-in samples to give analytical results at a spacing of 50 m in areas of interest.

When all the sample results are evaluated in terms of a multi-element zinc, copper, silver, cadmium and barium signature, a number of interesting anomalies are defined. Some of the most important zinc anomalies have direct copper, silver, cadmium and barium correlation. Others have some cadmium and/or silver correlation, with flanking but weakly anomalous copper association. Using these criteria, five northwest trending, anomalous zinc zones have been initially interpreted from the reconnaissance soil survey.

In a broad interpretation, the apparently linear zones have strike lengths possibly up to over 4 kms and open for extension; and, widths ranging up to over 300 m. The zinc soil anomalies are not obvious via any strongly anomalous metal values in the reconnaissance stream sediment and rock samples collected by D. Kennedy. However, the apparent zones of anomalous zinc soil values, often with polymetallic association, are deemed to be sufficiently prospective to warrant detailed follow-up activities.

The targets are all in relatively close proximity to the Stewart-Cassiar Highway and are amenable to detailed evaluation via gradient IP and magnetometer surveying, geological mapping and detailed soil sampling on the existing lines and on in-fill lines spaced initially at 400 m intervals. Trenching should be facilitated by lumber trails in the clear cut areas.

It is concluded that while there is no significant, currently apparent gold potential based on the results of the soil survey in the project area explored to date, a number of anomalous zinc zones require follow-up. The zinc zones are relatively weak but appear to have considerable widths, extensive strike lengths, prospective polymetallic signatures and favourable geological associations.

Any IP or EM correlation could offer high priority drill targets for stratabound zinc mineralization in an area that has not previously been subjected to detailed exploration. Most importantly, all significant gold mineralization that the author has encountered in the Stewart Camp has been haloed by similar zones of anomalous zinc mineralization, often without any gold signature. Thus, the apparent lack of gold potential may be a function of the early stage exploration activities.

As referenced in the Kennedy report, the only two gold sediment anomalies (25 and 35 ppb) located in the stream sediment survey do occur on the east and west flanks of the central and northern sections, respectively, of the Zone 2 zinc anomaly. Detailed follow-up of the gold anomalies is strongly recommended in conjunction with the evaluation of the Zone 2 zinc anomaly: sediment gold anomalies of similar magnitude in the Stewart Camp are often indicative of important, proximal gold mineralization.

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REPORT ON 1996 DELTA WEST PROJECT:

SKEENA MINING DIVISION,

NORTHWESTERN BRITISH COLUMBIA

1. INTRODUCTION:

This report describes the results of claim staking and a geochemical survey carried out as part of the Delta West Project. The project area is located on the eastern edge of the Stewart Gold Camp, approximately 80 km northeast of Stewart in northwestern B.C. (Figure 1).

The rationale for the program includes the copper and gold mineralization reported on Cominco's Delta 1 and 2 mineral claims located about 3 km east of the Delta West Project area (Lee, 1990; Hamilton, 1991; Maps 1A, B); a historical report describing widespread gold and copper values apparently on the Old Claims located just west of the project area (British Columbia Minister of Mines, 1929; Map 1A); and, the presence of favourable Hazelton Group volcanic rocks mapped by the Geological Survey of Canada (Greig, Evenchick, 1993) on the flanks of the Oweegee Dome (Map 3). The Hazelton Group rocks host most of the significant gold deposits in the Stewart Camp and only minor historical exploration has ever been carried out in the Delta West Project Area.

The original project as outlined in the Application for Funding to the Prospector's Assistance Program contemplated the author participating in the claim staking and carrying out the soil, stream sediment and biological geochemical surveys. The project was modified with consent from the director of the program: in view of the paucity of outcrops, D. Kennedy, the prospecting partner, assumed the responsibility for the stream sediment survey.

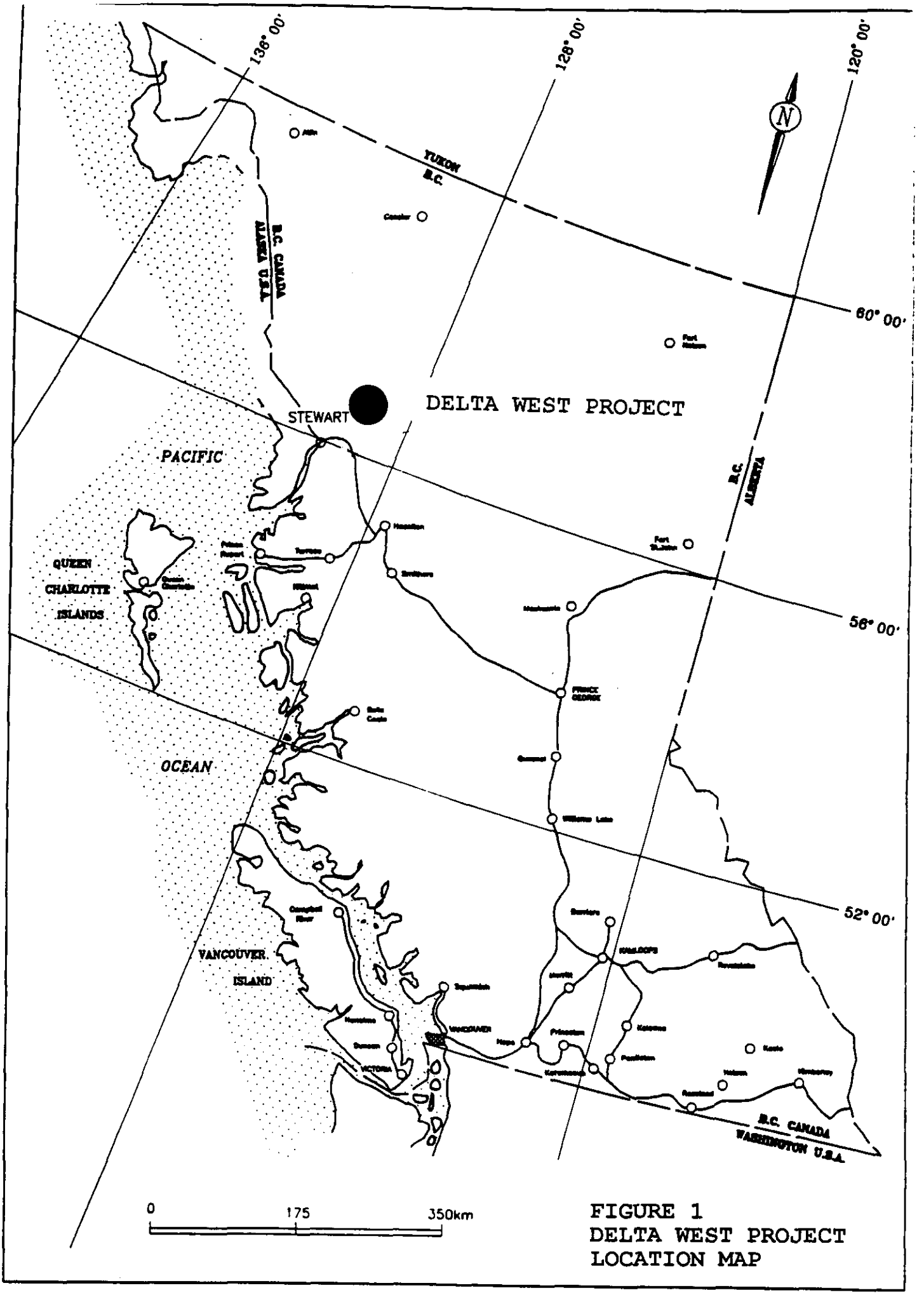


FIGURE 1
DELTA WEST PROJECT
LOCATION MAP

2. LOCATION AND ACCESS:

The Delta West Project is situated in the Delta Peak Area of the Skeena Mining Division about 80 km northeast of the town of Stewart, B.C. (Figure 2); and, about 75 km north of Meziadin Junction, B. C (Figure 3). The Delta West Project is centred on NTS Map Sheet 104A/12, at latitude 56°36'N, longitude 129°38'W (Map 2).

The Stewart-Cassiar Highway trends generally northwest on the west side of the project area and provides excellent access. Much of the ground in the vicinity of the highway has been clear cut and a number of old lumber roads provide some additional, interior access. Accommodation and fuel can be obtained at Bell 2 (Map 3) or at Meziadin Junction. Gravel pits in close proximity to the highway and to the main streams draining the area provide excellent overnight camp sites.

3. TOPOGRAPHY, DRAINAGE, CLIMATE, WILDLIFE & VEGETATION:

The Delta West Project is located within the Boundary Ranges of the northern British Columbia Coast Mountains (Figure 4). The general area is characterized by the Bell-Irving River valley and the fairly rugged mountainous terrain to the east ranging from about 500 to 1600 metres above sea level (Map 2). Delta Peak, to the east of the Project, and Oweegee Peak, 1 km north of Delta Peak, are both over 2200 m in elevation and dominate the topography. The mountain terrain is incised with young, deep valleys that trend northeast and that drain the area to the southwest, generally into the Bell-Irving River that parallels the Stewart-Cassiar Highway (Map 2).

The field exploration season usually extends from June through October. Snowfalls are heavy and can deposit several meters in a 24 hour period. Recorded mean annual snowfalls in the area range from 520 cm at Stewart (sea level) to 1,500 cm at Bear Pass (460 m elevation) to 2,250 cm at Tide Lake Flats (915 m elevation). In 1996, winter snow cover prevailed in most areas of the Stewart Camp at elevations of over 1200 m almost to the end of July. Summers are usually characterized by long hours of daylight and pleasant temperatures. However, the proximity to the ocean and relatively high mountains make for highly changeable weather. The summer of 1996 was generally characterized by cold temperatures and fog and rain that, along with the snow cover, tended to hinder exploration activities in the Camp.

Wildlife in the area of the Property mainly consists of goats, foxes, grizzly bears, black bears, wolves, marmots, martins, and ptarmigan.

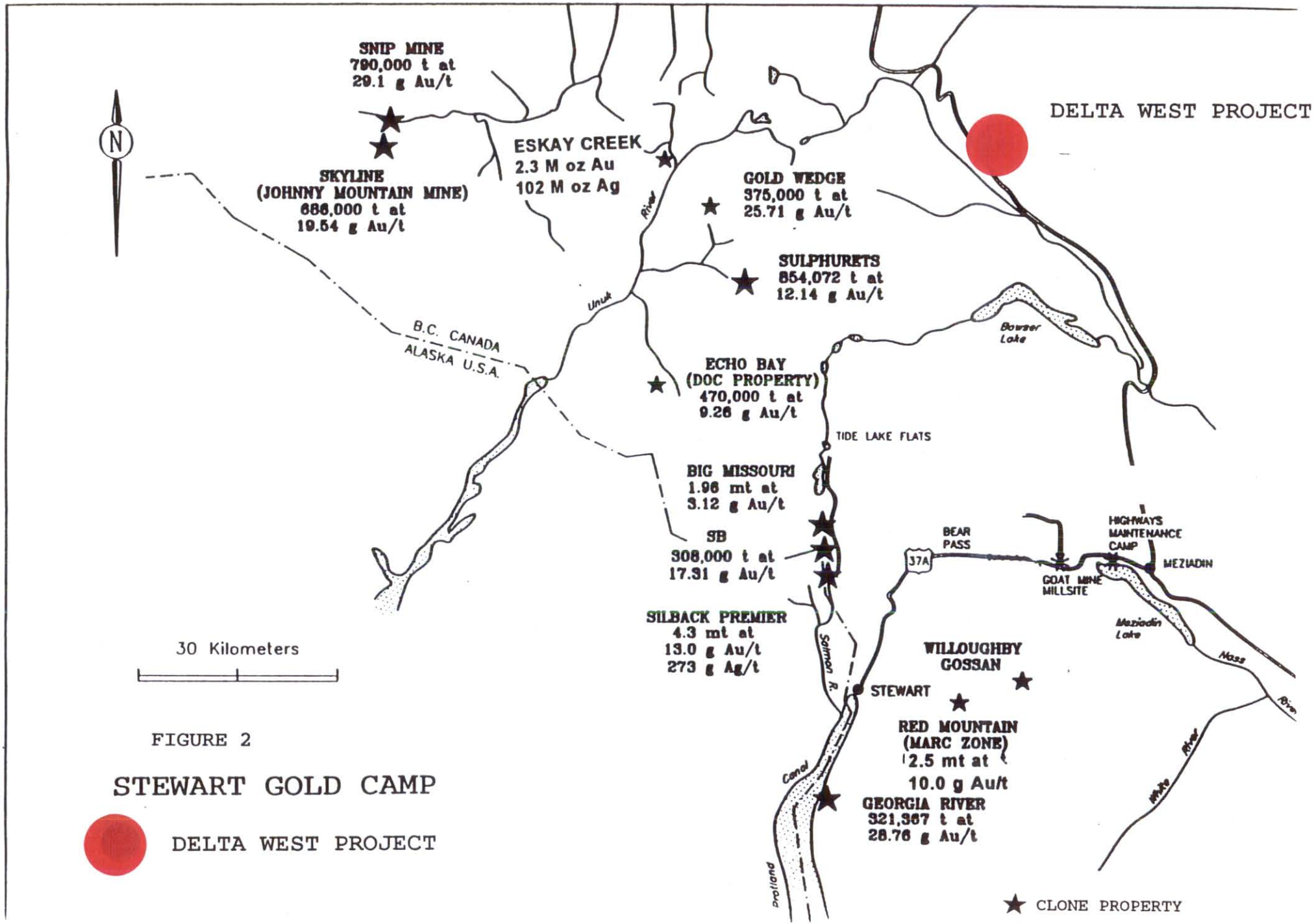


FIGURE 2

STEWART GOLD CAMP

DELTA WEST PROJECT

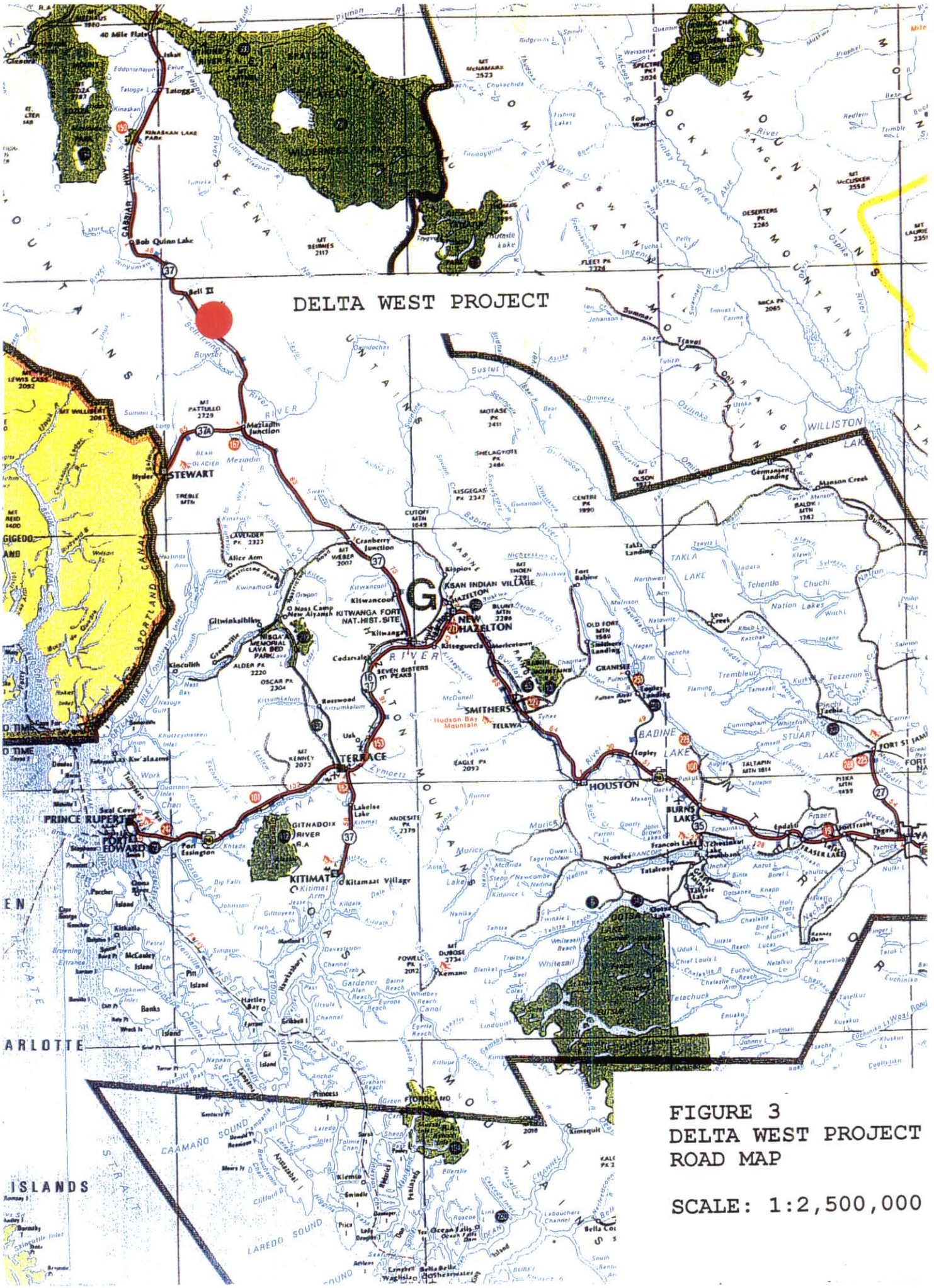


FIGURE 3
DELTA WEST PROJECT
ROAD MAP

SCALE: 1:2,500,000

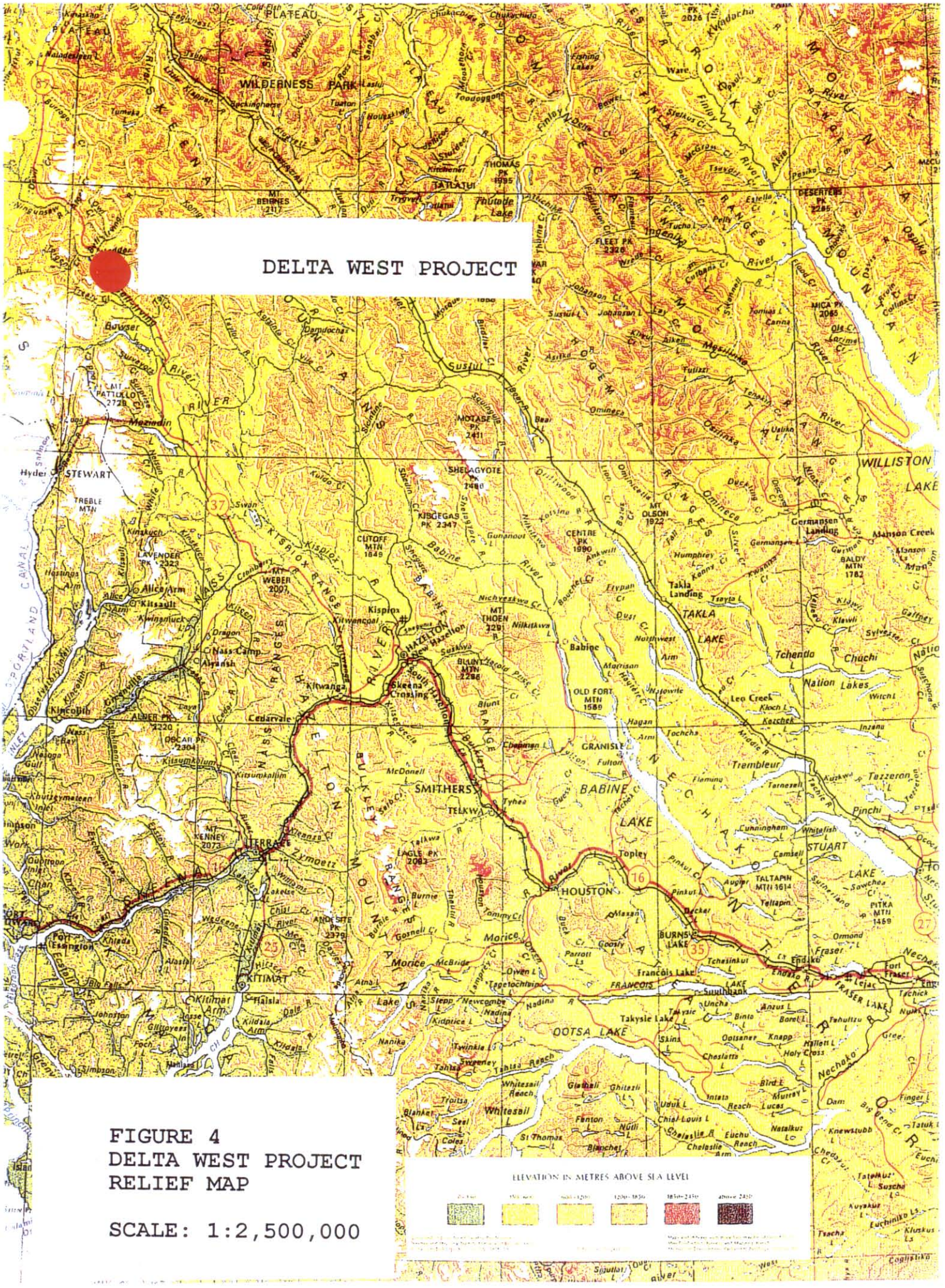


FIGURE 4
DELTA WEST PROJECT
RELIEF MAP

SCALE: 1:2,500,000

About 90% of the project area is situated below the treeline. Parts of the area immediately to the east and west of Stewart-Cassiar Highway have been lumbered via clear cutting (Figure 5). Vegetation on the Property ranges from coastal rain forest including mature western hemlock, sitka spruce, fir, cottonwood and tag alders, with ferns, devil's club and moss as ground cover, to sub-alpine spruce thickets with heather and alpine meadows. Above treeline, at approximately 1,300 m, bare rock and talus slopes with occasional islands of alpine meadow prevail.

4. EXPLORATION HISTORY:

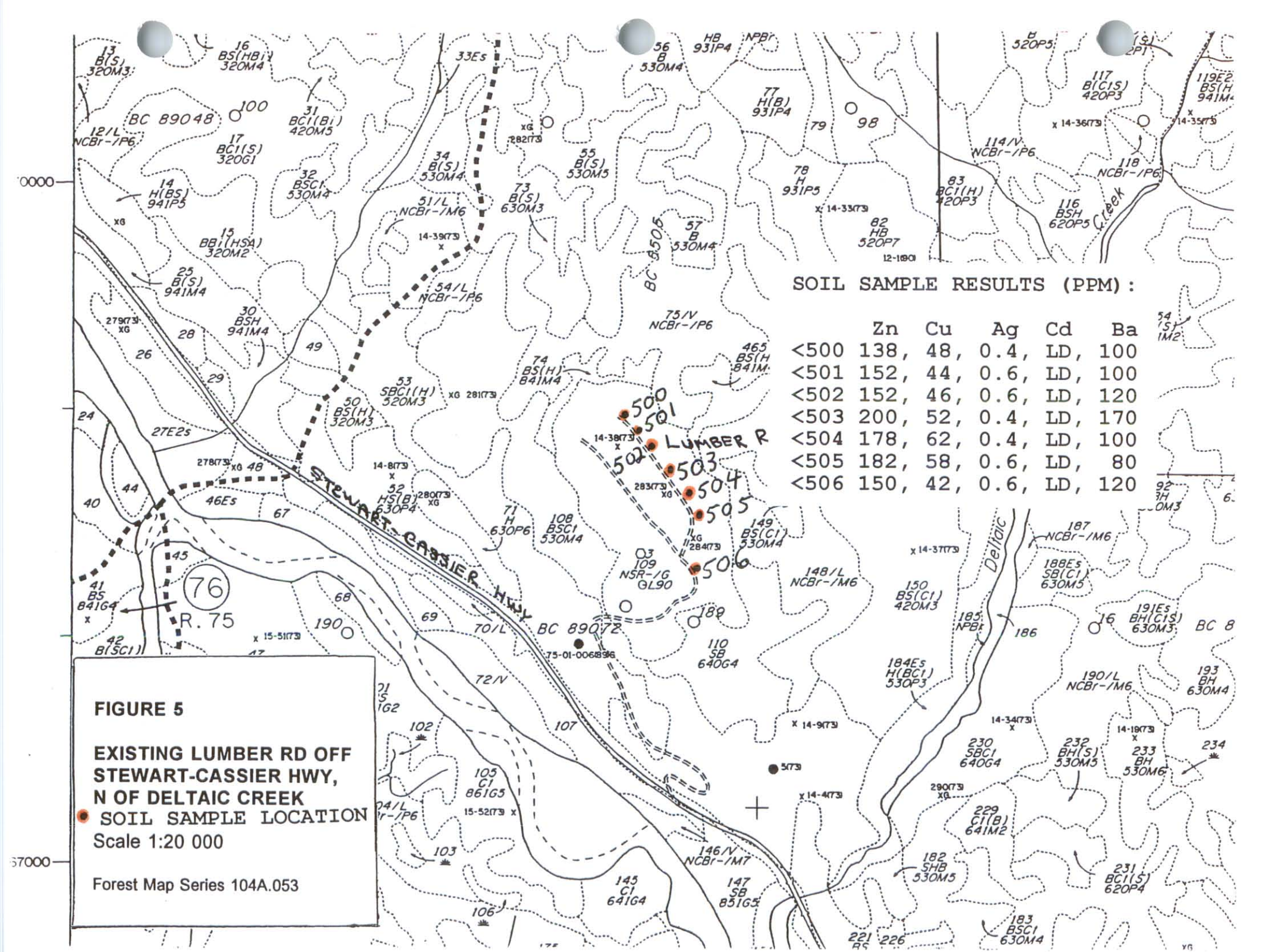
The central area of the Stewart Camp was prospected mainly for visible gold in quartz veins at the close of the 19th century but very little of this work was documented.

The Camp, after more recent discoveries that included Snip, Eskay Creek and Red Mountain (Figure 2), continues to be regarded as elephant country in which low cost discoveries can be made. For example, the Red Mountain deposit was discovered in 1989 on the first day of activities and more recent discoveries in the Stewart Camp such as the Teuton/Minvita Clone deposit were made in relatively short periods of time.

Some regional historical activities were reported apparently on the on the Old claims, in the 1920's. As referenced in the Annual Report of the British Columbia Minister of Mines, 1929, Consolidated Mining and Smelting Company of Canada carried out work on the North side of Treaty Creek about 58 km from the confluence of the Bell-Irving with the Nass River. According to the Report the company indicates that "the values are scattered over a large mineralized area and appear to be mainly in gold, silver, and copper, although sufficient work has not been done to form a criterion of the possible value of the property".

Indigo Mines funded an Aerodat helicopterborne magnetometer and VLF-EM survey in 1991 that covered the area of the Oweegee Dome. Apparently the company was wound up in 1992 and its ground position lapsed. There is no indication that the survey, the magnetic portion of which was useful in outlining Hazelton Formation rocks and structure, was followed-up on the ground.

In the 1990's, Cominco apparently carried out regional geochemical surveys in the area before staking the Delta claims that cover a large colour anomaly (Lee, 1990; Hamilton, 1991). Cominco initiated reconnaissance surveys in 1990 and 1991 that delineated very anomalous gold and copper values in rock, stream sediment and talus samples. No additional work was recommended and detailed follow-up was never carried out.


SOIL SAMPLE RESULTS (PPM):
Zn Cu Ag Cd Ba
<500 138, 48, 0.4, LD, 100
<501 152, 44, 0.6, LD, 100
<502 152, 46, 0.6, LD, 120
<503 200, 52, 0.4, LD, 170
<504 178, 62, 0.4, LD, 100
<505 182, 58, 0.6, LD, 80
<506 150, 42, 0.6, LD, 120
LUMBER R
STEWART-CASSIER HWY
BC 89048
BC 89072
Deltaic
Creek
R. 75
FIGURE 5
EXISTING LUMBER RD OFF STEWART-CASSIER HWY, N OF DELTAIC CREEK
SOIL SAMPLE LOCATION
Scale 1:20 000
Forest Map Series 104A.053

Geofine carried out the Phase 1A reconnaissance program on the Fox claims surrounding the Delta claims (Molloy, 1993) for Barrick Gold in August 1993. The program focused on the evaluation of colour anomalies hosted by or in the vicinity of prospective geology. Although a number of the gossan zones (Skowill, Porphyry) failed to return encouraging assay results, the Deltaic Zone and surrounding areas were deemed to constitute a high priority gold target.

Based on the positive analytical results obtained from the Geofine and Cominco initial exploration programs, the Deltaic Zone mineralization was interpreted to trend northeast over an apparent intermittent strike length of 3 km and have an apparent intermittent width of over 1 km. The Deltaic Zone remains open for expansion and detailed evaluation, and had never been drill tested.

As a follow-up to the 1993 Phase 1A program, Geofine carried out a 1993, Phase 1B program that was funded by Barrick Gold (Molloy, 1993A). The program was carried out on the Deltaic Grid on the Delta claims and comprised IP and magnetometer surveying, as well as soil geochemical surveys completed on grid lines totalling about 7.3 km. The follow-up program successfully delineated a number of weak - strong IP chargeability anomalies with coincident gold and copper geochemical anomalies. The most prominent targets are often haloed by zinc soil anomalies. The polymetallic geochemical signatures are similar to those that are associated with most gold deposits in the Stewart Camp.

5. REGIONAL GEOLOGY:

The Delta West project area is situated on the eastern margin of a broad, north-northwest trending volcanogenic-plutonic belt consisting of the Upper Triassic Stuhini Group and the Upper Triassic to Lower Middle Jurassic Hazelton Group. This belt has been termed the "Stewart Complex" (Figure 6) by Grove (1986) and forms part of the Stikinia Terrane. The Stikinia Terrane together with the Cache Creek and Quesnel Terranes constitute the Intermontane Superterrane which was accreted to North America in Middle Jurassic time (Monger et al 1982). To the west the Stewart Complex is bordered by the Coast Plutonic Complex. Sedimentary rocks of the Middle to Upper Jurassic Bowser Lake Group overlay the Stewart Complex in the east.

The Jurassic stratigraphy was established by Grove (1986) during regional mapping conducted from 1964 to 1968. Formational subdivisions have been and are currently being modified and refined as regional work continues most notably by the Geological Survey Branch of the British Columbia Ministry of Energy Mines and Petroleum Resources (Alldrick 1984, 1985, 1989) and the Geological Survey of Canada (Anderson 1989, Anderson and Thorkelson 1990).

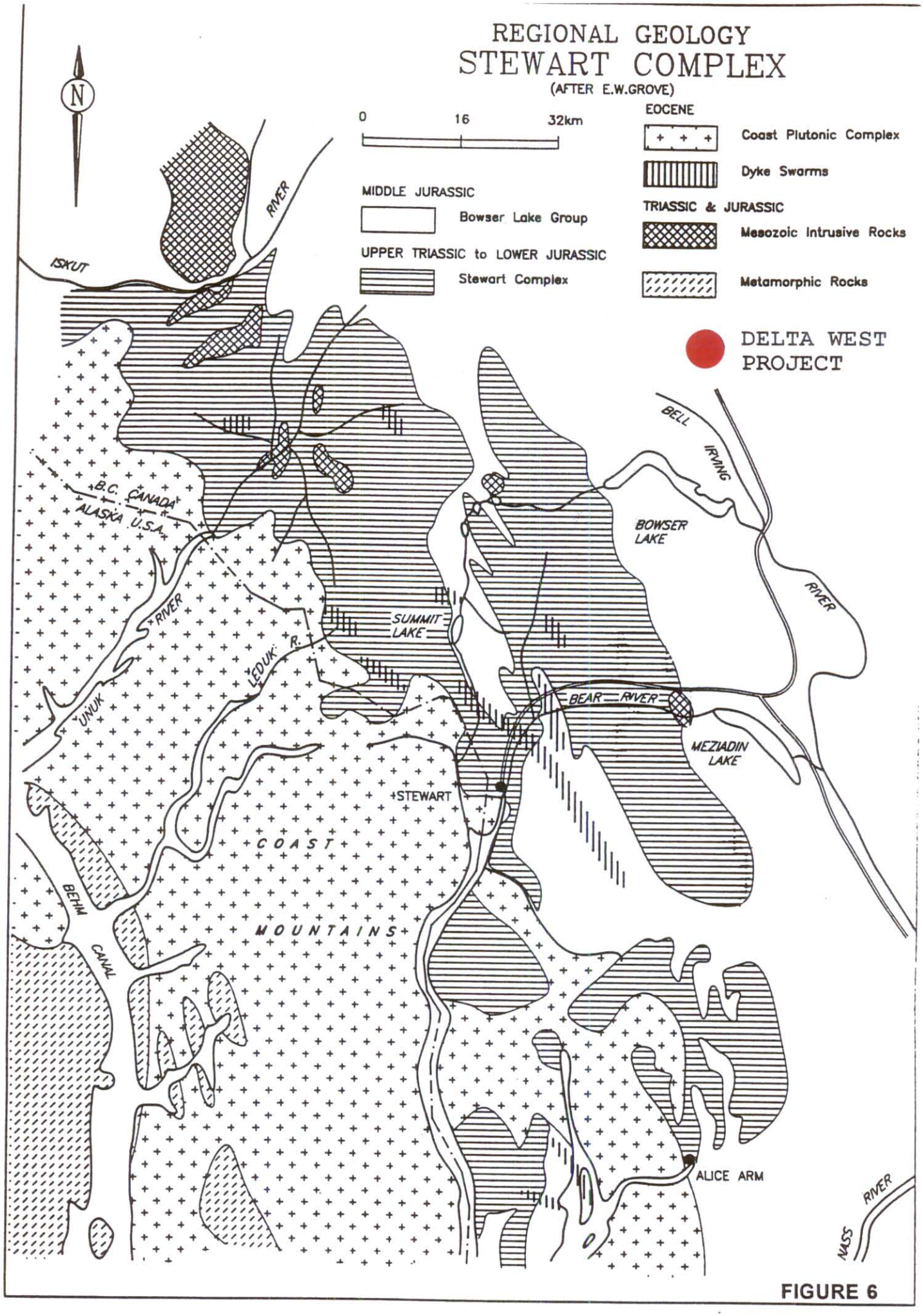

REGIONAL GEOLOGY
STEWART COMPLEX
(AFTER E.W.GROVE)
N
0
16
32km
EOCENE
Coast Plutonic Complex
Dyke Swarms
TRIASSIC & JURASSIC
Mesozoic Intrusive Rocks
Metamorphic Rocks
MIDDLE JURASSIC
Bowser Lake Group
UPPER TRIASSIC to LOWER JURASSIC
Stewart Complex
DELTA WEST PROJECT
ISKUT
RIVER
B.C. CANADA
ALASKA U.S.A.
BELL IRVING
BOWSER LAKE
RIVER
SUMMIT LAKE
R.
LEDUK
UNUK
BEAR RIVER
MEZIADIN LAKE
STEWART
COAST
MOUNTAINS
BEHM CANAL
ALICE ARM
NASS RIVER

FIGURE 6

The sedimentological, structural, and stratigraphic framework of the area is being established with some degree of precision.

The Hazelton Group represents an evolving (alkalic/cal-alkalic) island arc complex, capped by a thick turbidite succession (Bowser Lake Group; Figure 6). Grove (1986) divided the Hazelton into four litho-stratigraphic units (time intervals defined by Alldrick 1987):

1. The Upper Triassic to Lower Jurassic Unuk River Formation (Norian to Pliensbachian)
2. The Middle Jurassic Betty Creek Formation (Pliensbachian to Toarcian)
3. The Middle Jurassic Salmon River Formation (Toarcian to Bajocian)
4. The Middle to Upper Jurassic Nass Formation (Bathonian to Oxfordian - Kimmeridigian)

Alldrick assigned formational status (Mt. Dilworth Formation) to a Toarcian rhyolite unit (Monitor Rhyolite) overlying the Betty Creek formation. Rocks of the Salmon River Formation are transitional between the mostly volcanic Hazelton Group and the wholly sedimentary Bowser Lake Group and are presently regarded as the uppermost formation of the Hazelton or the basal formation of the Bowser Lake Group.

The Unuk River Formation, a thick sequence of andesitic flows and tuffs with minor interbedded sedimentary rocks, hosts a number of major gold deposits in the Stewart area (Figure 2). The unit is unconformably overlain by heterogeneous maroon to green, epiclastic volcanic conglomerates, breccias, greywackes and finer grained clastic rocks of the Betty Creek Formation. Felsic flows, tuffs and tuff breccias characterize the Mt. Dilworth Formation (Figure 7A). This formation represents the climactic and penultimate volcanic event of the Hazelton Group volcanism and forms an important regional marker horizon. The overlying Salmon River Formation has been subdivided in the Iskut area into an Upper Lower Jurassic and a Lower Middle Jurassic member (Anderson and Thorkelson 1990). The upper member has been further subdivided into three north trending facies belts: the eastern Troy Ridge facies (starved basin), the medial Eskay Creek facies (back-arc basin) and the western Snippaker Mountain facies (volcanic arc).

Sediments of the Bowser Lake Group rest unconformably on the Hazelton Group rocks and were originally thought to underlie most of the Delta West project area. They include shales, argillites, silt and mudstones, greywackes and conglomerates. The contact between the Bowser Lake Group and Hazelton Group passes between Strohn Creek in the north and White River in the south. The contact appears to be a thrust zone with Bowser Lake Group sediment "slices" occurring within and overlying the Hazelton Group pyroclastics to the west.

Two main intrusive episodes occur in the Stewart area: a Lower Jurassic suite of diorite to granodiorite porphyries (Texas Creek Suite) that are comagmatic with extrusive rocks of the Hazelton Group; and, an Upper Cretaceous to Early Tertiary intrusive complex (Coast Plutonic Complex and satellite intrusions). The early Jurassic suite is characterized by the occurrence of coarse hornblende, orthoclase and plagioclase phenocrysts and locally potassium feldspar megacrysts. The Eocene Hyder quartz-monzonite, comprising a main batholith, several smaller plugs and a widespread dike phase, represents the Coast Plutonic Complex.

Middle Cretaceous regional metamorphism (Alldrick et al. 1987) is predominantly of the lower greenschist facies. This metamorphic event seems to be related to compression and concomitant crustal thickening at the Intermontane - Insular superterrane boundary (Rubin et al. 1990). Biotite hornfels zones are associated with a majority of the quartz monzonite and granodiorite stocks.

6. REGIONAL MINERALIZATION AND EXPLORATION ACTIVITIES:

The Stewart Complex is the setting for the Stewart (Silbak-Premier, Silver Butte, Big Missouri), Iskut (Snip, Johnny Mountain, Eskay Creek), Sulphurets, and Kitsault (Alice Arm) gold/silver mining camps (Figure 2). Mesothermal to epithermal, depth persistent gold-silver veins form one of the most significant types of economic deposit. There appears to be a spatial as well as a temporal association of gold deposits to Lower Jurassic calc-alkaline intrusions and volcanic centres (Figures 7A, 7B). These intrusions are often characterized by 1-2 cm sized, potassium feldspar megacrysts and correspond to the top of the Unuk River Formation.

The most prominent example of this type of mineralization is the historic Silbak-Premier gold-silver mine which has produced 56,000 kg gold and 1,281,400 kg silver in its original lifetime from 1918 to 1976. The mine was reopened by Westmin in 1988 with reserves quoted as 5.9 million tonnes grading 2.16 g Au/t and 80.23 g Ag/t (Randall 1988). Mining was terminated in 1996 but the plant is still used for custom milling.

The ore is hosted by Unuk River Formation andesites and comagmatic Texas Creek porphyritic dacite sills and dykes. The ore bodies comprise a series of en echelon lenses which are developed over a strike length of 1800 metres and through a vertical range of 600 m (Grove 1986, McDonald 1988). The mineralization is controlled by northwesterly and northeasterly trending structures and their intersections but also occurs locally concordant with andesitic flows and breccias.

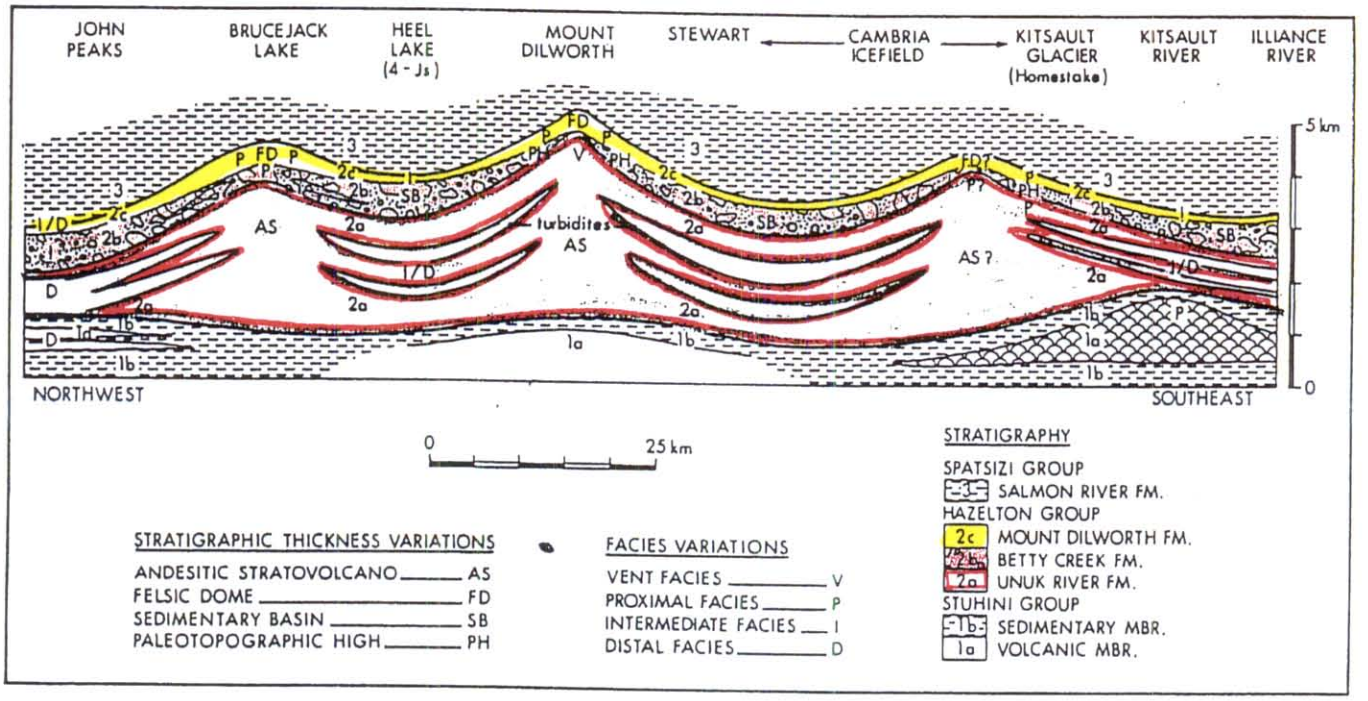


Figure 1-27-4. North-south schematic reconstruction through the Stewart complex.

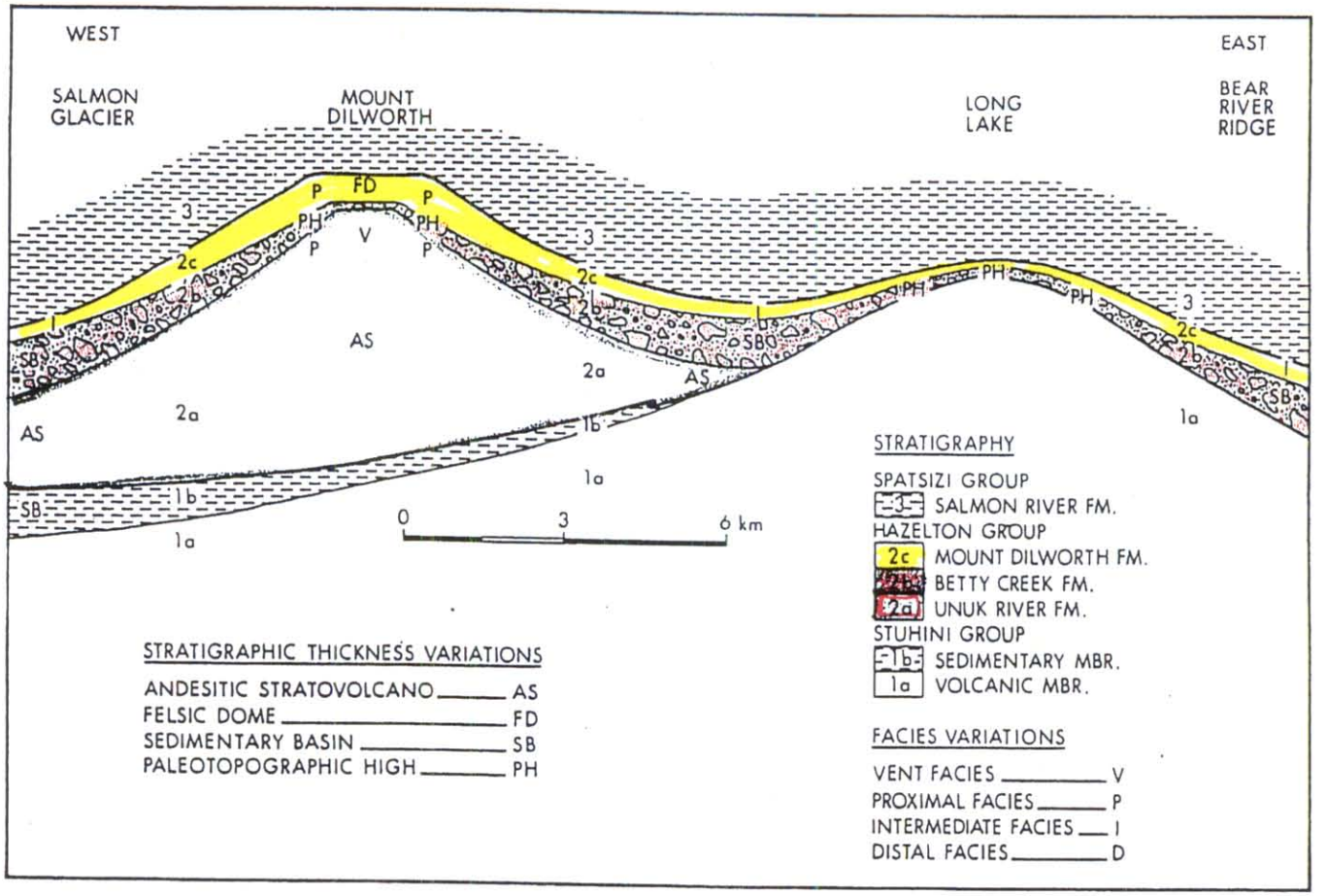


Figure 1-27-5. West-east schematic reconstruction through the Stewart complex.

FIGURE 7A

DILWORTH FORMATION IN STEWART COMPLEX STRATIGRAPHY

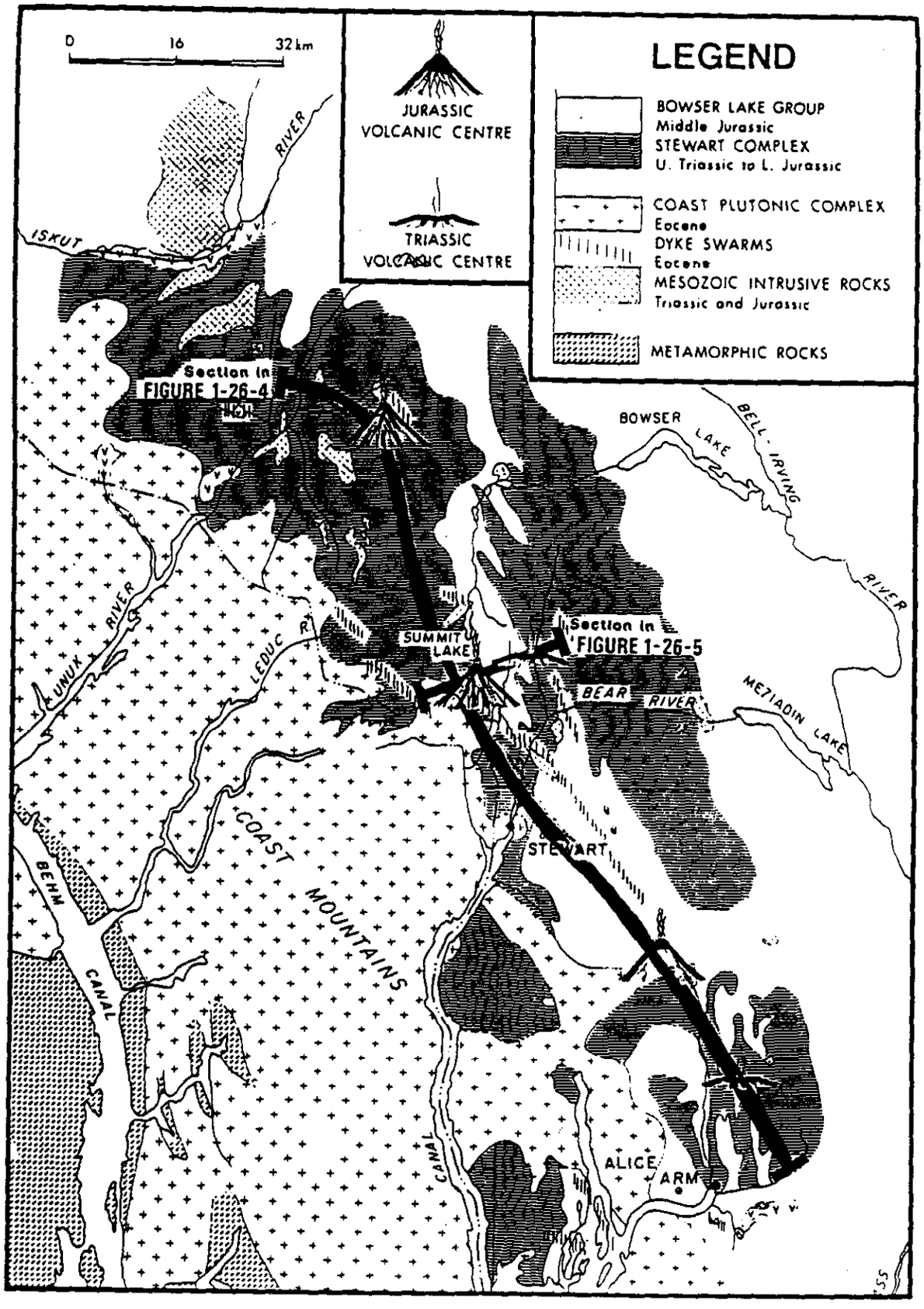
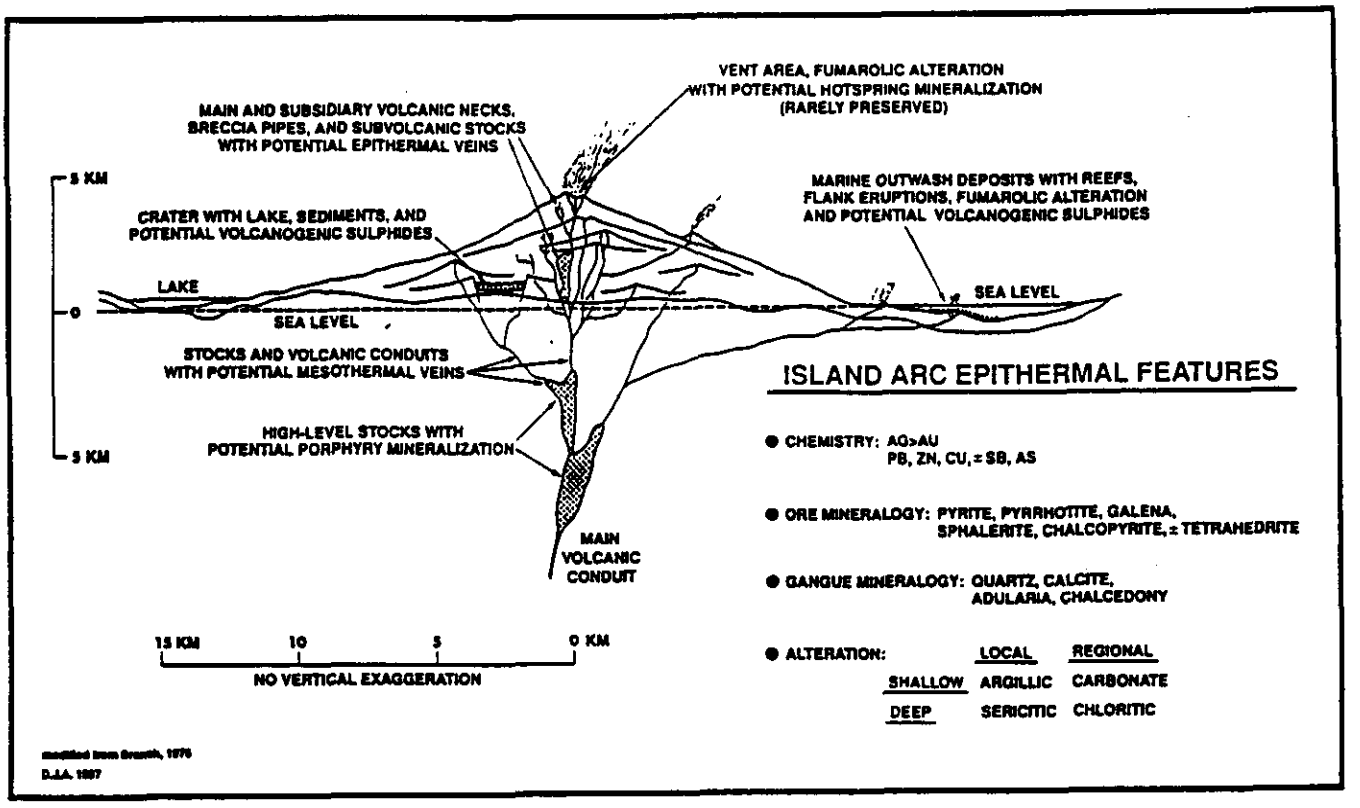


Figure 1-27-3. Distribution of the Stewart complex showing the locations of section lines for Figures 1-27-4 and 1-27-5.

FIGURE 7B

STEWART VOLCANIC BELT



Distribution of ore deposits within a stratovolcano (modified from Branch, 1976).

FIGURE 8

MINERALIZATION TYPES
STEWART CAMP

Two main vein types occur: silica-rich, low-sulfide precious metal veins and sulfide-rich base metal veins. The precious metal veins are more prominent in the upper levels of the deposit and contain polybasite, pyrargyrite, argentiferous tetrahedrite, native silver, electrum, and argentite. Combined sulfides of pyrite, sphalerite, chalcopyrite and galena are generally less than 5%. The base metal veins crosscut the precious metal veins and increase in abundance with depth. They contain 25 to 45% combined pyrite, sphalerite, chalcopyrite and galena with minor amounts of pyrrhotite, argentiferous tetrahedrite, native silver, electrum and arsenopyrite.

Quartz is the main gangue mineral, with lesser amounts of calcite, barite, and some adularia being present. The mineralization is associated with strong silicification, feldspathization, and pyritization. A temperature range of 250 to 260 degrees C has been determined for the deposition of the base and precious metals (McDonald 1990).

Middle Eocene silver-lead-zinc veins are characterized by high silver to gold ratios and by spatial association with molybdenum and/or tungsten occurrences. They are structurally controlled and lie within north, northwest, and east trending faults. This mineralization has been less significant in economic terms.

Porphyry molybdenum deposits are associated with Tertiary Alice Arm Intrusions, a belt of quartz-monzonite intrusions parallel to the eastern margin of the Coast Plutonic Complex. An example of this type of deposit is the B.C. Molybdenum Mine at Lime Creek.

Recent exploration in the Stewart Mining Camp has resulted in the discovery of a number of exciting new deposits. Cominco's Snip Mine commenced production in January of 1991 with reserves of 790,000 tonnes grading 29.1 g Au/t.

The Eskay Creek gold-silver mine was constructed in 1994. Proven and probable reserves are currently estimated at about 2 million ounces of gold and 104 million ounces of silver. The mine is producing at a rate of 280 tonnes per day, with concentrates being trucked to Stewart for shipment to smelters in Japan and Quebec.

The Eskay Creek 21A Deposit is hosted within Contact Unit carbonaceous mudstone and breccia, as well as the underlying rhyolite breccia. Two styles of mineralization are present. The first is a visually striking assemblage of disseminated to near massive stibnite and realgar within the Contact Unit. The second style occurs in the adjacent footwall rhyolite, and features a stockwork style quartz-muscovite-chlorite breccia mineralized with sphalerite, tetrahedrite and pyrite. Highest gold and silver values are obtained where the Contact Unit is thickest and the immediately underlying rhyolite breccia is highly fractured and

altered. Drilling has outlined a zone approximately 280 m long, up to 100 m wide and of variable thickness but averaging 10 m.

The Eskay Creek 21B Deposit is approximately 900 m long, from 60 to 200 m wide and locally in excess of 40 m thick. Contact Unit mineralization comprises a continuous stratiform sheet of banded high grade gold and silver bearing base metal sulfide layers, from 2 to 12 m thick. Mineralization appears to be bedding-parallel. Sulfide minerals present include sphalerite, tetrahedrite, boulangerite, bornite plus minor galena and pyrite. Gold and silver is associated with electrum, which occurs as abundant grains associated with sphalerite. Peripheral and footwall to the banded sulfide mineralization are areas of microfracture, veinlet hosted, disseminated tetrahedrite, pyrite and minor boulangerite mineralization.

Barrick's Red Mountain (formerly Bond Gold's and Lac Minerals') project (Figure 2) is currently being vigorously explored by Royal Oak. According to the August 5, 1996 Northern Miner, Royal Oak's strategy for 1996 is to expand minable reserves by 500,000 ounces to 1.3 M ounces through surface and underground drilling of the down plunge extension of the deposit. The existing decline is being extended 330 m. The company is looking at putting the deposit into production in the fourth quarter of 1999 at a production rate of 150,000 ounces of gold per year. Cash costs are expected to be in the range of $150 per ounce.

The Marc Zone and its northerly extension, the AV Zone, occur as sulfide lenses or cylinders associated with a structural junction and the brecciated contact of the Goldslide Intrusion. The mineralization consists of densely disseminated to massive pyrite and/or pyrite stringers and veinlets and variable amounts of associated pyrrhotite and sphalerite as well as chalcopyrite, arsenopyrite, tetrahedrite and various tellurides. Several phases of mineralization and deformation are indicated by the presence of different generations of pyrite and breccia fragments consisting of pyrite. High grade gold values are usually associated with the semi-massive, coarse-grained pyrite aggregates, but also with stockwork pyrite stringers and veinlets. Gold occurs as native gold, electrum and as tellurides.

The Willoughby Project (Figure 2) is located about 6 km east of Red Mountain and was initially drilled by Bond Gold in 1989. Seven structurally hosted zones of gold mineralization were intersected with varying amounts of copper, lead and zinc. Camnor and Giant Gold Minerals are carrying out a $1.3 M, 1996 program of surface and underground drilling concentrated on the North and Wilby Zones. In 1995, drilling on the North and Wilby Zones had returned up to 2.3 m grading 382.91 g gold/t and, 13 m grading 13.37 g gold/t, respectively. Geochemical sampling has recently located a 150 by 150 m, very strong gold soil anomaly between the North and Wilby Zones that remains open in three directions. The gold

mineralization is associated with massive and semi-massive pyrite/pyrrhotite lenses and hosted by Hazelton Group volcaniclastic and intrusive rocks.

On the Clone Property located south of Red Mountain, Teuton Resources and Minvita Enterprises continue their pursuit of two sub-parallel shear zones up to 1.5 km in length that host high grade gold veins and stockworks. To date, the companies have completed 64 diamond drill holes and 140 trenches. As emphasized by the Teuton/Minvita August 29, 1996 press release, plunging ore shoot morphologies can be difficult exploration targets: "results strongly suggest that the mineralization at the Clone occurs in plunging shoots having an unknown size and orientation". Exploration continues with Homestake Canada Inc. and Prime Resources Group Inc. having a first right of refusal on any future financing. The latter companies are also technical advisors to Teuton and Minvita on the Clone Property.

7. DELTA PROJECT AREA GEOLOGY:

The Delta West project area is postulated to cover a tectonic window in which Jurassic Hazelton Group and Palaeozoic Stikine Assemblage rocks have been exposed by the uplift of broad anticlinal features known as the Oweegee and Ritchie Domes and by the erosion of Upper Jurassic sediments of the Bowser Basin.

The evolution of geological thinking with regard to the project area is described in the 1993, Phase 1B program report (Molloy, 1993A). The results of the Geological Survey of Canada's mapping activities are summarized on Map 3.

As indicated on Map 3, the west margin of the Oweegee Dome is dominated by rocks of the Lower Jurassic Hazelton Group: intermediate to mafic plagioclase-pyroxene lapilli tuff-breccia, lapilli, ash and dust tuffs; intermediate and felsic flows and derived debris flows; tuffaceous arkose, siltstone and mudstone; and, conglomerate and sandstone. The rocks are interpreted to extend west to within 300 m to 1 km of the east side of the Stewart-Cassiar Highway. Further to the west, the Hazelton Group is overlain by the Upper Jurassic Bowser Lake Group sediments including silty mudstones, fined grained sandstone and arkose.

The main components of the structural fabric trend northwest and northeast. Older faults (pre-Bowser Lake Group) according to Greig (1991) are mainly characterized by northwest dips which place Permian limestone on Stuhini Group rocks, and a steeply south dipping fault which juxtaposes the Stuhini Group with Hazelton Group rocks.

8. 1996 DELTA WEST PROJECT:

The Delta West Project was carried out partially in June, July, August and September, 1996, as weather and field conditions allowed. Project expenditures total $12,015.83 and are summarized in Table 1 along with a description of daily activities. British Coloumbia Prospector's Assistance Program funding of approximately $7500 has been allocated to the project.

The Delta West Project as described in this report consisted of 2 main components:

A. CLAIM STAKING

B. GEOCHEMICAL SURVEYS

8.A. CLAIM STAKING:

The staking of 11 claims (Fox 30-40) comprising 208 units was the main focus of the first 11 days of field activities. The claims are summarized in Table 2 and are shown on Mineral Titles Map 1A. The claims were registered in the name of David R. Kennedy and a Notice of Work (Appendix 1) was granted on July 2, 1996 (Approval Number SMI-96-0101533-200).

TABLE 2

LIST OF NEW CLAIMS:

NAME:	TAG:	UNITS:	STAKING DATE:
FOX 30	233413	20	JUNE 21, 1996
FOX 31	233414	20	JUNE 21, 1996
FOX 32	233415	16	JUNE 29, 1996
FOX 33	233416	20	JUNE 24, 1996
FOX 34	233417	20	JUNE 24, 1996
FOX 35	233160	16	JULY 03, 1996
FOX 36	233422	16	JUNE 24, 1996
FOX 37	233403	20	JULY 01, 1996
FOX 38	233402	20	JUNE 30, 1996
FOX 39	233420	20	JUNE 29, 1996
FOX 40	233421	20	JUNE 29, 1996

TOTALS: 11 CLAIMS 208 CLAIM UNITS

TABLE 1

DIARY: DELTA WEST PROJECT:

FIELD WORK: EXPENDITURES:

DATE:	ACTIVITY:	ITEM:	AMOUNT: INCL. GST%	OF TOTA
JUNE 16	PLAN TRIP; PROCUR	SAL.		100.00
	EQUIP	BUG SPRAY	25.00	50.00
		FLAGGING	25.00	50.00
		SAMP BAGS	50.00	50.00
		BEAR BOMB	100.00	50.00
		SAMPLER	29.95	100.00
JUNE 17	PACK, RESERVATIONS	SAL		
JUNE 18	SUPPLIES, TRAV	SAL	107.00	100.00
		TRUCK	553.73	50.00
		INS	90.00	50.00
		COMP/GPS RENT	5.35	50.00
		FOOD	25.50	50.00
JUNE 19	COMMENCE STAKING	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
JUNE 20	CLAIM STAKING	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
JUNE 21	CLAIM STAKING	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
JUNE 22	CLAIM STAKING	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
JUNE 23	CLAIM STAKING	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUSBIST	69.55	100.00

JUNE 24	RUN SAMPLE LINES	SAL	107.00	100.00
		COMP/GPS	5.35	50.00
		RENT		
		SUBSIST	69.55	100.00
		CONT MAP	89.86	50.00
		GAS	23.00	50.00
JUNE 25	RUN SAMPLE LINES	SAL	107.00	100.00
		COMP/GPS	5.35	50.00
		RENT		
		SUSBIST	69.55	100.00
JUNE 26	RAIN OUT	GAS	10.00	50.00
	STEWART SUPPLIES	FLAGGING	10.24	50.00
		BUG SPRAY	13.39	50.00
		SAL	107.00	100.00
		COMP/GPS	5.35	50.00
		RENT		
		SUBSIST	69.55	100.00
JUNE 27	CLAIM STAKING	SAL	107.00	100.00
		COMP/GPS	5.35	50.00
		RENT		
		SUBSIST	69.55	100.00
JUNE 25-2	HELP RE BLOWUP	SAL	53.50	50.00
	OF TOPOG BASE MAP			
JUNE 28	RAIN OUT - RD RECO	SAL	107.00	100.00
		COMP/GPS	5.35	50.00
		RENT		
		SUBSIST	69.55	100.00
		GAS	14.50	50.00
JUNE 29	CLAIM STAKING	SAL	107.00	100.00
		COMP/GPS	5.35	50.00
		RENT		
		SUBSIST	69.55	100.00
		GAS	24.79	50.00
JUNE 30	CLAIM STAKING	SAL	107.00	100.00
		COMP/GPS	5.35	50.00
		RENT		
		SUBSIST	69.55	100.00
JULY 1	CLAIM STAKING	SAL	107.00	100.00
		COMP/GPS	5.35	50.00
		RENT		
		SUBSIST	69.55	100.00

JULY 2	RAINOUT- WORK PERMIT, CLAIM RECORDING	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
		CL RECORD	961.07	50.00
		REFRESH	5.00	100.00
		GAS	22.16	50.00
JULY 3	GEOCHEM SAMPLE	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		FOOD/ACC	69.55	100.00
JULY 4	GEOCHEM SAMPLE RAINOUT	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
		CL RECORD	80.00	160.00
JULY 5	GEOCHEM SAMPLE	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
		FIELD FOO	11.95	50.00
			4.49	50.00
		EQUIP	46.95	100.00
		MAPS	30.00	50.00
		MILEAGE	75.00	50.00
		GAS	15.65	50.00
JULY 6	GEOCHEM SAMPLE	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
	ASSIST SAMP DATA PLOT	SAL	53.50	50.00
JULY 7	GEOCHEM SAMPLE DATA ENTRY	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
	ASSIST SAMP	SAL	53.50	50.00
JULY 8	GEOCHEM SAMPLE	SAL	107.00	100.00
		COMP/GPS RENT	5.35	50.00
		SUBSIST	69.55	100.00
		GAS	20.00	10.00
	ASSIST LOG		53.50	50.00

JULY 9	GEOCHEM SAMPLE		SAL	107.00	100.00
	RAINOUT		COMP/GPS	5.35	50.00
			RENT		
			SUBSIST	69.55	100.00
JULY 11	LOG SAMPLES,		SAL	107.00	100.00
	DATA ENTRY				
JULY 12	DATA ENRTY		SAL	107.00	100.00
JULY 22	LOG, PACK		SAL	107.00	100.00
	SAMPLES		FOOD	23.00	50.00
	DATA ENRTY				
AUGUST 27	GEOCHEM SAMPLE-		SAL	107.00	100.00
	RAINOUT		SUBIST	63.50	
AUGUST 28	GEOCHEM SAMPLE		SAL	107.00	100.00
	RAINOUT		SUBSIST	63.50	
			GAS	16.00	50.00
AUGUST 29	GEOCHEM SAMPLE		SAL	107.00	100.00
			SUBSIST	63.50	100.00
SEPT. 1	GEOCHEM SAMPLE		SAL	107.00	100.00
	LOG SAMPLES		SUBSIST	63.50	100.00
SEPT. 2	LOG, PACK SAMPLES		SAL	107.00	100.00
			SUBSIST	63.50	100.00
SEPT 10		I9630086	CHEMEX	2253.12	100.00
SEPT 11		I9631636	CHEMEX	34.24	100.00
SEPT 12		I9632030	CHEMEX	40.23	100.00
SEPT 19		I9631624	CHEMEX	125.32	100.00
OCT 3	REPORT		SAL	107.00	100.00
OCT 4	REPORT		SAL	107.00	100.00
OCT 5	REPORT		SAL	107.00	100.00
OCT 26	REPORT		SAL	107.00	100.00
OCT 22		CHEMEX	I9636018	584.22	100.00
OCT 21		CHEMEX	I9632406	293.18	100.00

OCT 29	COPIER		58.85	100.00
			57.29	100.00
NOV1	HOME DEP		76.04	100.00
NOV 18		REPORT		
NOV 19		REPORT		
GEN	COMMUNICATIONS		105.00	
	LOCAL MILEAGE		35.00	
	COURIER			
	EST		25.00	
		WORKERS	182.04	100.00
		COMP BC		100.00
		ONTARTIO	2.32	100.00
		TOTAL:	12015.83	

8.B. GEOCHEMICAL PROGRAM:

The geochemical program included the collection of 300 soil samples generally taken at a 50 m spacing on claim lines and sample lines. The majority of the samples collected represent B horizon materials that are described in Table 3; sample locations are shown on Map 4 and Figure 5. The extent of the soil sampling was limited by the steep topographical conditions that terminated the running of most claim lines and by sand/gravel deposits of apparent glacial/fluvial origin found in a number of areas in the Bell-Irving River Valley. The field work was also hampered by unusual 1996 weather conditions: the persistence of snow accumulations at higher elevations into August and the generally wet weather that resulted in swollen streams and often difficult traverse conditions.

In view of the large areas of clear cutting and the lack of a uniform medium (fir trees) for biological sampling, the proposed biological component of the geochemical survey was limited to an orientation survey: 10 samples of first and second twigs from mature fir trees. The biological samples are described in Table 3 and shown on Map 4. Four water samples were also collected (Map 2) and tested for PH and gold content. The analytical results for all of the samples are presented in Appendix 2.

As an initial appraisal of the mineral potential of the project area, the odd numbered soil samples from 1 to 293 (142 samples generally constituting a 100 m sample spacing) were subject to gold (FA-AA) and 32 element ICP analyses at Chemex Labs Ltd. in Vancouver (Appendix 2, Map 4). Contrary to the postulated prospective gold environment, no anomalous gold values were encountered and other important signature elements such as lead and arsenic were discouraging. Copper values (ranging between 8 and 106 ppm except for one value of 310 ppm) were also generally weak.

However, the zinc values that range between 40 and 578 ppm (except for one value of 800 ppm) and average 229 ppm, appeared to define a number of anomalies, some with weakly anomalous silver, copper, cadmium, and manganese correlation. In order to determine the importance of the zinc anomalies (generally using a threshold value of 225 ppm zinc in lieu of a statistically calculated value due to the lack of a fully representative sample population), 32 element ICP (Appendix 2) was run on 75 additional, fill-in samples to give analytical results at a spacing of 50 m in areas of interest.

When all the sample results referenced above are evaluated in terms of a multi-element zinc, copper, silver, cadmium and barium signature, a number of interesting anomalies are defined (Map 4). Some of the most important zinc anomalies have direct copper, silver, cadmium and barium correlation. Others have some cadmium and/or silver correlation, with flanking but weakly anomalous copper association. Using these criteria, five northwest trending,

SAMPLE DESCRIPTIONS

BIOGEOCHEMICAL SURVEYS:

UMBER:	NAME:	TYPE	SOURCE
B1	FIR N	1&2 N	MAT FIR
B2	FIR N	1&2 N	MAT FIR
B3	FIR N	1&2 N	Y FIR
B4	FIR N	1&2 N	Y FIR
B5	FIR N	1&2 N	Y FIR
B6	FIR N	1&2 N	Y FIR
B7	FIR N	1&2 N	Y FIR
B8	FIR N	1&2 N	Y FIR
B9	FIR N	1&2 N	Y FIR
B10	FIR N	1&2 N	Y FIR

AMPLES:

BER:	NAME:	SOIL HOR.:	DEVEL.:	DEPTH: (CM)	COLOUR :	GR. SIZE:	COMPOSITION	DRAINAGE:	DIR:	VEG.:	GEOLOGY
	LOAM	B	WELL	20	BLK	FI-CO	SIL, CL, MIN ORG	GOOD	S	MIXED	NA
	ORG/SD	A/B	POOR	20	BRN	SI-CO	ORG, SD FR VOL	GOOD	S	FIR	NA
	AS F1										
	CL-SD	B	WELL	20	BN	CL	, SD FR VOL	GOOD	S	FIR	NA
	AS F4										
	AS F2										
	AS F4								N		
	ORG	A	POOR	20	BLK	FI-CO	ORG	POOR	SWAMPY CON	TAGS	NA
	SD	B	WELL	20	BRN	FI-CO	SD, SOME ORG SIL	FAIR	N	FIR	
0	ORG, SD	AB	POOR	20		FI-CO	BLK/BRN	GOOD	NW	FIR	NA
1	AS 9										
2	AS 9										
3	CL SD	B	WELL	20	BRN	CL-CO	CL, VOL SD	GOOD	SW	FIR FOR	NA
4	AS 13										
5	AS 13										
6	AS 13										
7	AS 13										

	ORG, SD	AB	POOR	20 BRN/BLK	FI-CO	ORG, SD, SIL	FAIR	SW	FIR	NA
F19	AS 13									
F20	ORG	A	POOR	20 BLK	FI-CO	ORG	POOR	SWAMPY	TAGS	NA
F21	AS 20									
F22	SD	B	WELL	20 BRN	FI-CO	SD FR VOL	GOOD	SW	CC	NA
F23	ORG	A	POOR	20 BLK	FI-CO	ORG	POOR	SWAMP	TAGS	NA
F24	SD-GRAV	B OR TRANS	WELL OR TRANS	20 BRN	FI-PEBS	SIL, VOL SD M VOL PEBS	FAIR	SW	TAGS/CC	NA
F25	AS 23									
F26	AS 24									
F27	AS 24									
F28	AS 24									
F29	AS 24									
F30	AS 24									
F31	SD	B	WELL	20 BRN	FI-CO	VOL SD SIL	GOOD	S	CC	NA
F32	AS 31 WITH 10% ORG							N RIDGE		
F33	ORG	A	POOR	20 BLK	FI-CO	ORG, CARB	GULLY	S	CC	NA
F34	AS 33									
	SD-SIL-ORG	A/B	POOR	20	FI-CO	ORG, SIL, VOL SD	GOOD	S	CC	NA
F36	AS 35									

	AS 39									
F38	AS 39									VOL FLT
F39	SD	B	WELL	20 BRN	FI-CO	VOL SD SIL	GOOD	S	CC	NA
F40	ORG	A	POOR	15 BLK	FI-CO	ORG, SIL	GOOD	S	CC	NA
F41	AS 42							S	CC	
F42	CL	LOAM	GOOD	20 BLK	CL-MED	CL, SIL, ORG	GOOD	SW	DEAD TREES	NA
F43	ORG/CL SD	AB	FAIR	20 BLK	CL-CO	ORG, CL, VOL SD CARB	GOOD	SW	FIR/DT	NA
F44	AS 45									NA
F45	ORG	A	POOR	15 BLK	FI-CO	ORG, SIL	GOOD	SW	FIR/TAGS	NA
F46	ORG/SD	A/B	FAIR	20 BLK	FI-CO	ORG, VOL SD	GOOD	SW	FIR/TAGS	M VOL
F47	CL SD	B	WELL	20 BRN	FI-CO	VOL SD	GOOD	SW	FIR FOR TAGS	M VOL
F48	AS 49									
F49	SD	B	WELL	20 BRN	FI-CO	VOL SD	GOOD	SW	FIR FOR	M VOL
F50	SD	B	WELL	20 BRN	FI-CO	SI, VOL SD	GOOD	SW	FIR FOR INTO PURE STREAM VALLEY	
F51	AS 52									
F52	CL-SD	B	WELL	20 BRN	CL-CO	CL, VOL SD	GOOD	E	FIR FOR	
F53	ORG, SD	A/B	POOR	20 BRN	FI-CO	ORG, VOL SD	GOOD	SW	FIR	M VOL O SEE FR
F54	SD	B	WELL	20 BRN	SIL-CO	SIL, VOL SD	GOOD	SW	CC	M VOL

	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SD, M VOL PEBS CARB	GOOD	SW	CC	NA
F56	SD	B	WELL	20 BRN	SIL-CO	SIL, VOL SD	FAIR	FLAT	CC	M VOL
F57	CL-SD	B	WELL	20 BRN	CL-CO	CL, VOL SD	GOOD	SW	CC	M VOL
F58	AS 60 - MAY BE GLACIAL FLU DEP									
F59	AS 60									
F60	SD	B	WELL	20 BRN	SIL-CO	SIL, SD	GOOD	SW	CC	M VOL F
F61	AS 62						FAIR	FLAT		
F62	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SD, M VOL PEBS	GOOD	NW	CC	NA
[illegible]	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SD, M VOL PEBS	GOOD	NW	CC	NA
F64	SD	B	WELL	20 BRN	SIL-CO	SIL, SD	GOOD	SW	CC	M VOL F
F65	SD-GRAV	B	MOD	20 BRN	FI-PEBS	SD, M VOL PEBS SIL	FAIR	FLAT	CC	NA
F66	ORG	A	POOR	15 BLK	SIL-CO	ORG, CARB	FAIR	FLAT	CC	M VOL
F67	AS 76									
F68	AS 76			ORG-BRN						
F69	AS 76									SHEARED SEE FR3
F70	AS 76									
	LOAM	B	WELL	20 BRN	SIL-FI	SIL, CL, ORG	GOOD	SE	CC	NA
F72	AS 76									

F73	AS 76			ORG-BRN						
F74	AS 76									
F75	AS 76									
F76	SD-GRAV	B	MOD	20 BRN	FI-PEBS	SD, M VOL PEBS ORG MAT, SIL	GOOD	NW	CC	NA
F77	CL-SD	B	WELL	20 BRN-GRY	CL	CL	GOOD	NW	CC	NA
F78 0	LOAM	B	WELL	20 BLK	SIL-FI	SIL, CL, ORG	GOOD	NW	CC	NA
F79	AS 81									
F80	AS 81									
	CL LOAM	B	WELL	20 BLK	SIL-FI	SIL, CL, ORG	FAIR	FLAT	CC	NA
F82	SD	B	WELL	20 BRN	SIL-CO	SIL, SD	FAIR	FLAT	CC	NA
F83	LOAM	B	WELL	20 BLK	SIL-FI	SIL, CL, ORG	FAIR	FLAT	CC	NA
F84	SD	B	WELL	20 BRN	SIL-CO	SIL, SD	FAIR	FLAT	CC	NA
F85	CL-SD	B	WELL	20 BRN-GRY	CL-CO	CL, SD	FAIR	FLAT	CC	NA
F86	CL	B	WELL	20 BRN-GRY	CL	CL	FAIR	FLAT	CC	NA
F87	SD	B	WELL	20 BRN	SIL-CO	SIL, SD	FAIR	FLAT	CC	NA
F88	CL-SD	B	WELL	20 BRN	CL-CO	CL, SD	FAIR	FLAT	CC	NA
	SD	B	WELL	20 BRN	SIL-CO	SIL, SD	FAIR	FLAT	CC	NA
F90	SD-GRAV	B	MOD	20 BRN	FI-PEBS	SD, M VOL PEBS ORG MAT, SIL	MOD	FLAT	CC	NA

	SD	B	WELL	20 BRN	SIL-FI	SI, SD	FAIR	FLAT	CC	NA
F92	CL LOAM	B	WELL	20 BLK	SIL-FI	CL, SIL	FAIR	FLAT	FIR/DC MATURE F	NA
F93	SD	B	WELL	20 BRN	SIL-FI	SI, SD	FAIR	FLAT	FIR/TAG MATURE F	NA
F94	AS 95									
F95	CL LOAM	B	WELL	20 BLK	SIL-FI	CL, SIL FAIR	FLAT	FIR/DC MATURE F	NA	
F96	ORG	A	MOD	20 BLK	FI-CO	ORG: ROOTS, BARK, NEEDLES	FAIR	FLAT	FIR/DC MATURE F	NA
F97	SD	B	WELL	20 BRN	SIL-FI	SI, SD	POOR	FLAT	FIR/TAG MATURE F	NA
F98	CL	B	WELL	25 BRN	CL-SIL	CL, SIL	POOR	FLAT	FIR/TAG MATURE F	NA
F99	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SIL, SD, FRAGS M VOL, OXID MAT	MOD	W	FIR/TAG MATURE F	NA
F100	ORG AS 104	A	POOR	25 BRN	FI-CO	ORG	POOR	FLAT	FIR/TAG MATURE F	NA
F101	AS 104									
F102	AS 104									
F103	AS 104									
F104	AS 105						GOOD	SW		
F105	SD	B	MOD	20 BRN	FI-CO	SIL, SD, ANG VOL	MOD	FLAT	CC	M VOL
F106	AS 107									
F107	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SIL, SD, FRAGS M VOL	MOD	FLAT	CC	SHEARED
F ...	AS 110									

AS 110

F110	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SIL, SD, FRAGS M VOL, CARB, BAR STWK	GOOD	SW	CC	INTERES FL WITH
F111	SD-GRAV	B	WELL	25 BRN	FI-PEBS	SIL, SD, FRAGS M VOL	GOOD	SW	CC	NA
F112	SD-GRAV	B	WELL	25 BRN	FI-PEBS	SIL, SD, FRAGS M VOL	GOOD	SW	CC	NA
F113	SD-GRAV	B	WELL	25 BRN	FI-PEBS	SIL, SD, FRAGS M VOL, ORG	GOOD	NE	CC	NA
F114	SD	B	WELL	20 ORG-BRN	SIL-FI	SIL, SD	GOOD	SW	CC	NA
F115	SD-GRAV	B	WELL	18 BRN	FI-PEBS	SIL, SD, FRAGS M VOL, ORG	GOOD	SW	CC	NA
F116	SD	B	WELL	20 ORG-BRN	SIL-FI	SIL, SD	GOOD	SW	CC	NA
	SD	B	WELL	20 ORG-BRN	SIL-FI	SIL, SD, MIN ORG	GOOD	NW	CC	NA
F118	SD	B	WELL	16 BRN	SIL-FI	SIL, SD, MIN ORG	GOOD	NW	CC	NA
F119	CL-SD	B	POOR	15 BR	CL-FI	CL, SD	GOOD	W	FIR	M VOL
F120	CL	B	GOOD	20 BR	CL	CL	GOOD	W	FIR	NA
F121	SILTY CL	B		15 BR	SIL-CL	SIL, CL	GOOD	W	FIR	NA
F122	ORG	A	POOR	25 BLK	FI-CO	ORG	GOOD	W	FIR	NA
F123	CL LOAM	B	WELL	40 BLK	CL-FI	CL, SIL, SD	GOOD	W	TAG	NA
F124	CL	B	WELL	25 BRN	CL	CL	GOOD	S	TAG	NA
	CL	A/B	WELL	30 BRN	CL	CL	GOOD	W	TAG	NA
F126	SD	B	MOD	20 BRN	FI-CL	SD	GOOD	W	FIR/TAG	NA

	SIL-SD	B	WELL	30 BRN	SIL-FI	SIL, SD	GOOD	W	FIR	NA
F128	SIL-SD-LOAM	B	WELL	25 BRN	SIL-FI	SIL, SD, CL	GOOD	W	TAG/FIR	NA
F129	SD	B	WELL	25 BRN	FI-CO	SD	GOOD	W	FIR	NA
F130	SD	B	WELL	25 BRN	SIL-CO	SD	GOOD	SW	FIR FOR	NA
F131	LOAM	B	WELL	20 ORG BRN	CL-FI	CL, SIL	FAIR	S	FIR FOR	NA
F132	CL	B	WELL	20 BRN	CL	CL	GOOD	S	FIR FOR	NA
F133	SIL-CL-SD	B	MOD	12 BRN	CL-CO	SIL, CL, SD	GOOD	SW	FIR FOR	NA
F134	SIL-SD	B	WELL	25 BRN	SI-FI	SIL, SD	GOOD	SW	FIR FOR	NA
F135	CL-SD	B	WELL	35 BRN	CL-CO	CL, SD	GOOD	S	FIR FOR	SHEARED FLOAT -
F136	SD	B	WELL	25 BRN	SIL-CO	SD	GOOD	SW	FIR FOR	NA
F137	SD	B	WELL	25 BRN	SIL-CO	SD	GOOD	SW	CC/TAGS	NA
F138	CL-SD	B	WELL	20 BRN	FI-CO	CL, SD	GOOD	SW	CC	
F139	SD	TRANS?		20 BRN	FI-CO	SD	GOOD	SW	CC	M VOL O
F140	SD	B	WELL	20 BRN	FI	SD	GOOD	SW	CC	NA
F141	CL/ORG	A/B	POOR	20 BRN	CL-FI	CL/ORG	GOOD	SW	CC	NA
F142	CL-GRAV	B	POOR	20 BRN	CL-PEBS	CL, SD, GRAV	FAIR	S	CC	NA
	CL-GRAV	B	POOR	20 BRN	CL-PEBS	CL, SD, GRAV	FAIR	SW	FIR	NA
F144	SD	B	WELL	20 BRN	FI	SD	GOOD	SW	FIR/TAGS	NA

	ORG	A	POOR	25	BLK	FI-CO	ORG	POOR	SW	TAGS NA
F146	SD	B	GOOD	20	BRN	SIL-FI	SD	GOOD	E	TAGS NA
F147	CL-SD	B	WELL	45	BRN	CL-FI	CL, SD	FAIR	FLAT	TAGS NA
F148	SD-GRAV	B	GOOD	20	BRN	FI-PEBS	SD, ANG FRAGS SEDS, M VOL	FAIR	FLAT	TAG NA
F149	CL-SD	B	WELL	20	BRN	CL-CO	CL, SD	GOOD	W	CC NA
F150	CL	B	WELL	20	GREY	CL	CL	FAIR	FLAT	TAGS NA
F151	CL-SD	B	WELL	20	BRN	CL-CO	CL, SD	GOOD	W	FIR NA
F152	CL-SD	B	WELL	20	BRN	CL-CO	CL, SD	FAIR	E	FIR NA
F153	SD-GRAV	B	FAIR	20	BRN	FI-PEBS	SD, ANG FRAGS SEDS, M VOL	FAIR	FLAT	FIR NA
F154	CL-SD	A/B	POOR	20	BRN	CL-CO	CL, SD	FAIR	SW	FIR NA
F155	SD	B	GOOD	45	BRN	SIL-FI	SIL, SD	GOOD	SW	CC NA
F156	CL	B	FAIR	25	BRN	CL-SIL	CL, SIL	FAIR	SW	CC NA
F157	SILTY SD	B	W	25	BRN	SILT-FI	SIL, SD	GOOD	S	FIR/TAG/DNA
F158	"	B	W	20	BRN	"	SIL, SD	"	SSW	FIR NA
F159	"	B	W	20	BRN	"	SIL, SD	"	NE	FIR NA
F160	"	B	W	20	BRN	"	SIL, SD	"	NE	FIR NA
F161	CL SD	B	W	20	BRN	CL-CO	CL, SD	GOOD	W	FIR FOR APP SH
F162	CL	B	W	35	BLK	CL	CL	GOOD	W	FIR FOR APP SH

	SD	B	W	15 BRN	SIL-FI	SIL, SD	GOOD	W	"	SH M VO FR16
F164	SD-GRAV	B	W	15 BRN	FI-PEBS	SD, GRAV CW ASS PEBS	GOOD	W	"	SH M VO FR16, 1
F165	SD	B	W	15 BRN	SIL-FI	SD	GOOD	W	"	
F166	SD-GRAV	B	W	15 BRN	FI-PEBS	SD, GRAV CW ASS PEBS	GOOD	SW	"	SH M VO SEE SAM
F167	CL-SD	B	W	20 ORG-BRN	CL-CO	CL, SD, ORG	GOOD	SW	FIR FOR	
F168	SD-GRAV	B	W	15 BRN	FI-PEBS	SD, GRAV CW ASS PEBS	GOOD	W	"	SH M VO
F169	CL-GRAV	B	FAIR	25 BRN	CL-PEBS	CL, SD, GRAV CW ASS PEBS	GOOD	E	FIR EDGE CC	NA
F170	CL-GRAV	B	W	25 BRN	FI-PEBS	CL, SD, GRAV CW ASS PEBS	GOOD	W	CC	NA
F171	SD	B	WELL	25 BRN	SI-CO	SD	GOOD	N	CC	NA
F172	AS 171									
F173	SD	B	WELL	25 BRN	SI-CO	SD	FAIR	W	CC	NA
F174	SD-CL LOAM	B	WELL	25 BLK	CL-CO	SD, CL, SIL	GOOD	W	CC	NA
F175	SD	B	FAIR	25 BRN	SI-CO	SD	GOOD	W	CC	NA
F176	CL-SD	B	WELL	25 BRN	CL-CO	CL-SD	GOOD	W	CC	NA
F177	CL LOAM	B	WELL	25 BLK	CL-SIL	CL, SIL	FAIR	SW	CC	NA
	SD	B	WELL	20 BRN	SI-CO	SD	GOOD	SW	CC	NA
179	SD-GR	AB	MOD	25 BRN	FI-PEBS	SD, GR, ASS PEBS	GOOD	SW	CC	NA

—	SD-GR	AB	MOD	25	BRN	FI-PEBS		GOOD	SW	CC	NA
F181	CL LOAM	B	WELL	25	BRN	CL-SIL	SD, GR, ASS PEBS	GOOD	SW	CC	NA
F182	ORG	A	POOR	25	BLK	SIL, CO	CL, SIL	GOOD	SW	CC	NA
F183	SD	B	WELL	30	BRN	SI-CO	SD	GOOD	W	CC	POSS TR
F184	SD-GR	AB	POOR	20	BRN	FI-PEBS	SD, GR, ASS PEBS	GOOD	SW	CC	POSS TR
F185	SD-GR	AB	POOR	BK	BRN	FI-PEBS	SD, GR, ASS PEBS	GOOD	E	CC	POSS TR
F186	AS 185						SD, GR, ASS PEBS				
F187	SD	B	POOR	10	BRN	SI-CO	SD	GOOD	W	CC	POSS TR
F188	AS 187						SD				
F189	AS 187						SD				
F190	CL-SD	B	WELL	45	BRN	FI-CO	CL, SD	GOOD	W	CC	
F191	SD	B	FAIR	20	BRN	FI-CO	SD	GOOD	E	CC	POSS TR
F192	SD	B	WELL	20	BRN	SIL-CO	SIL, SD, MIN ORG	GOOD	SW	MIXED FIR, TAGS, DC, VINES	NA
F193	AS 192										
F194	CL-SD-GRA	B	WELL	20	GR	CL-PEBS	CL, SD, PEBS - ANG FRAGS FI SED - OXID AND SHEARED	GOOD	SW	MIXED	NA
5	AS 194										
F196	AS 194										

	AS 194									
F198	AS 194									
F199	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SD, PEBS ANG SEDS	GOOD	SW	MIXED	SEDS?
F200	AS 199									
F201	AS 199									
F202	CL LOAM	B	WELL	20 BRN	CL-SIL	CL, SIL, ORGS	GOOD	SW	MIXED	NA
F203	AS 202									
F204	CL/ORG	AB	POOR	20 BLK	CL-CO	CL, TWIGS, BARK	FAIR	SW	MIXED	NA
F205	SD	AB	POOR	20 BRN	FI-CO	SD, ORG, SHEARED FRAGS BLK SEDS	GOOD	SW	CC CW TAGS	NA
F206	AS 205									
F207	CL-SD-GRA	B	WELL	20 GR	CL-PEBS	CL, SD, PEBS - ANG FRAGS FI SED - OXID AND SHEARED	GOOD	SW	CC	NA
F208	CL-SD	B	WELL	25 BRN	CL-CO	CL, SD, FRAGS SED	GOOD	SW	CC	
F209	CL-SD-GRA	AB	POOR	25 GR	CL-PEBS	CL, SD, PEBS - ANG FRAGS FI SED - OXID AND SHEARED 15% ORGS 15%	GOOD	SW	CC	NA
F210	CL	B	WELL	36 GR	CL	CL	FAIR	SW	CC	NA
F211	LOAM	AB	POOR	25 BLK	SIL-CO	ORG, SIL	POOR	SW	MIXED	
F212	CL	B	WELL	20 GRY-BLK	CL	CL	FAIR	SW	TAGS	NA
F213	AS 212 10% ORG								TAGS/FIR	

	LOAM	AB	FAIR	36 BLK	CL-CO	ORG, SIL CL 20%, ORGS 20%,	FAIR	SW	TAGS	NA
F215	SD	B	WELL	20 BRN	SF-CO	SD, 10% ORG, ANG FRAGS BLK	GOOD	SW	TAGS	
F216	AS 215									
F217	AS 215									
F218	AS 215									
F219	SD-GRAV	B	POOR	20 BRN	FI-PEBS	SD, SIL, PEBS BLK SED-	GOOD	N	FIR FOR TAGS	TALUS S
						ANG, FI AND CO GR				10 M T
F220	AS 219		WELL							
F221	AS 219		WELL				GOOD	S		
	AS 221					INCL 20% ORG				
F223	AS 221									
F224	AS 221									
F225	AS 221					10% ORG, 10 ANG P	GOOD	SW		
F226	SD	B	WELL	20 BRN	SIL-FI	SIL, SD, MIN ORGS	GOOD	S	FIR FOR TAGS	SEDS?
F227	LOAM	B	WELL	20 BLK	CL-CO	ORGS, CL, SIL 20% ROOTS	GOOD	S	FIR	SEDS
F228	SD-GRAV	AB	POOR	20 BRN	FI-PEBS	SD-PEBS OF BLK SED	GOOD	SW	FIR	SEDS
F229	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SD-PEBS OF BLK SED	GOOD	W	CC	NA
[illegible]	SD	B	WELL	20 BRN	SIL-FI	SIL, SD, MIN ORG	FAIR	FLAT	CC	
231	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SD-PEBS OF BLK SED 10%, 5% ORG ROOTS	GOOD	W	CC	SEDS?

	SD-GRAV	B	POOR	20 YEL-PK BRN	FI-PEBS	SD-PEBS OF BLK SED 25%, ANG, HEM, LIM, SHEARED 5% BLK CARB	FAIR	FLAT	CC	SEDS?
F233	SD	B	WELL	20 BRN	SIL-FI	SIL, SD, MIN ORG	GOOD	W	CC	SEDS?
F234	AS 233					10% ORG, 5% CARB	GOOD	SW	CC	SEDS?
F235	AS 233					20% ORG				
F236	SD-GRAV	B OR TRANS?	WELL	25 BRN	FI-PEBS	SD-PEBS OF BLK SED 10% ORGS	GOOD	SW	CC	SEDS?
F237	AS 236					5% CARB	GOOD	W	CC	SEDS
F238	SD	B	WELL	20 BRN	FI-CO	SIL, SD, 15% ORG, 15% SED FRAGS	GOOD	W	CC	SEDS?
F239	AS 238					5% ORGS				
F240	AS 238									
F241	SD	B	WELL	20 BRN-BLK	FI-MED	OXID, ANG SHEARED SEDS	FAIR	FLAT	CC	
F242	AS 241									
F243	LOAM	B	WELL	20 BLK	CL-CO	CL, SIL, MIN ORG	GOOD	S	FIR FOR	SED
F244	SD	B	WELL	20 BRN	SI-CO	SIL, SD, FRAGS BLK SED	GOOD	N	FIR FOR	SED
F245	SD	B	WELL	20 BRN-BLK	SI-CO	SIL, SD, FRAGS BLK SED	FAIR	REL FLAT	FIR FOR	SED
F246	SD-GRAV	BC	POOR	20 BRN	FI-PEBS	SIL, SD, FRAGS BLK SED-40%	GOOD	W	FIR FOR	SED
F247	AS 246					INCL 10% ORGS				
F248	CL-SD-GRAV	BC	POOR	20 BRN	FI-PEBS	CL, SIL, SD, FRAGS BLK SED-AND OXID MAT	GOOD	W	CC	SED
	SD	B	WELL BANK	70 BRN	SIL-CO	SIL, SD, MIN ORG	GOOD	W	CC	

	AS 249									
F251	AS 249									
F252	SD	B OR TRANS	WELL	70 BRN	SI-FI	SI, SD, MIN ORGS	GOOD	W	CC	SEDS
F253	SD-GRAV	BC	POOR BANK	50 BRN	FI-PEBS	SIL, SD, FRAGS BLK SED- AND OXID MAT	GOOD	W	W	CC
F254	AS 253									
F255	AS 253									
F256	AS 253									
F257	SD	B	WELL	25 BRN	SIL, FI	SIL, SD, MIN ORGS	GOOD	W	CC	SEDS
F258	SD	B	WELL	20 ORG/BRN	SIL, FI	SIL, SD, MIN ORGS	FAIR	FLAT	CC	SEDS
F259	SD	B	WELL	20 ORG/BRN	SIL, FI	SIL, SD, MIN ORGS	GOOD	W	CC	SEDS
F260	ORG	A	POOR	20 BLK	FI-CO	ROT TREES	GOOD	SW	FIR/MIXED	
F261	CL SD	B	WELL	20 BRN	CL-FI	CL, SD	GOOD	E	EDGE CC	
F262	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SI, SD, PEBS OF BLK SED	GOOD	W	CC	
F263	AS 262									
F264	CL SD	B	FAIR	20 BRN	CL-CO	CL, SD, 5%ORGS, 5% FRAGS BK	POOR	W	CC	
F265	SD	B	WELL BK	75 ORG/BRN	FI-CO	75% SD, 25% ANG BLK SED	GOOD	W	CC	SEDS
F266	ORG	A	POOR	20 BLK-BRN	FI-CO	ORG	GOOD	NE TO SWAMP	MAT FIR FOR SEDS?	
	ORG-SD-GRAV	ABC	POOR	22 BLK	FI-PEBS	ORG, SD, BLK SED PEBS	GOOD	E TO SWAMP	MAT FIR FOR	SEDS SE

	AS 267									
F269	AS 267 BUT NOT ORG						GOOD	S TO SWAMP		
F270	ORG/SD	AB MOST A	POOR	20 BRN/BLK	FI-CO	ORG, SD, FRAGS OXID SED	GOOD	S	MAT FIR FOR	
F271	AS 271									
F272	ORG/SD	AB	POOR	20 BRN/BLK	FI-CO	ORG, SD, FRAGS OXID SED	GOOD	S	MAT FIR FOR	
F273	ORG-CL-SD-GRAV			22 BRN	CL-PEBS	ORG, CL,SD, BLK SED PEBS	GOOD	SW		SEDS SE
		ABC	POOR						MAT FIR FOR	
F274	AS 273									
F275	ORG	A	POOR	20 BLK-BRN	FI-CO	ORG	GOOD	SW	CC	SEDS?
F276	ORG-CL-SD-GRAV			22 BRN	CL-PEBS	ORG, CL,SD, BLK SED PEBS	GOOD	SW	CC	SEDS SE
		ABC	POOR							
F277	SD	B	WELL	20 BRN	CL-FI	CL, SD, 10% ROT TREE	FAIR	FLAT	CC	SEDS
F278	SD	B	WELL	20 GRY	CL-FI	CL, SD	POOR	BOG	CC	SEDS
F279	SD	B	WELL	20 BN	CL-FI	CL, SIL, SD	GOOD	W	CC	SEDS
F280	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SI, SD, PEBS OF BLK SED	GOOD	NW	CC	
F281	SD	B	WEL	20 BRN	SIL-FI	SIL, SD	GOOD	W	CC	SEDS
F282	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SI, SD, PEBS OF BLK SED	GOOD	W	CC	SEDS
F283	AS 282									
F284	SD-GRAV	B	WELL	25 BRN	FI-PEBS	SD, PEBS- ANG, BLU/GRY VOL	GOOD	W	MAT FIR FOR	AND FLT
F285	SD/ORG	ABC	POOR	20 BRN	FI-MED	70% SD, 20% ANG FRAGS RHY, 10% ORG	GOOD	S	MAT FIR FOR	RHY FLT

	SD	A/B	POOR	20	BLK	FI-CO	SD 40%, 60% ORG-ROOTS, ROT TREES	GOOD	SW	EDGE CC MIX FOR	
F290	SD-GRAV	B	WELL	25	ORG/BRN	FI-PEBS	85% FI SILT SD, 10% ANG FR GRY/GRY VOL, 5% ORG/ROOTS	GOOD	SE	EDGE OF CC	
F291	SD	B	WELL	20	BRN	FI-MED	SD, ORG- 85%, 10% SILT, 5% MIN PEBS OF OXID MATAND GRN/GRY VOL	GOOD	W	CC	
F292	SD-GRAV	B	WELL	25	BRN	FI-PEBS	SD-80%, 15% PEBS BLU/GRY VO 5% SILT	GOOD	W	CC	QFP FLT
F293	AS 292						30% PEBS, ORG/BRN				
F500	SILT/SD/GRAV	TRANS?	TRANS?	BK	ORG/BRN	SILT-PEBS	70% CL/SILT 30% FRAGS	GOOD	SW	CC	SEDS
F501	SD/GRAV	"	"	BK	BRN	SILT-PEBS	70% SILT 20% SD 10% FRAGS	GOOD	SW	CC	SEDS
F502	SD/GRAV	"	"	BK	BRN	SILT-PEBS	70% SILT 20% SD 10% FRAGS	GOOD	SW	CC	SEDS
F503	SD/SILT	"	"	BK	ORGBRN	SILT-FI	80% SILT 20% SD	GOOD	SW	CC	SEDS
	SD/SILT	B	WELL	BK	ORGBRN BRN	SILT-FI SILT-PEBS	40% SILTOXID PEBS OF BLK 60% SD SILTSTONE	GOOD	SW	CC	SEDS
F505	SD/SILT	B	WELL	BK	ORGBRN BRN	SILT-FI SILT-PEBS	40% SILTSEDS 60% SD	GOOD	SW	CC	SEDS
F506	SD/SILT	TRANS?	TRANS?	BK	ORGBRN	SILT-MED	70% SILTSEDS	GOOD	SW	CC	SEDS

C. WATER SAMPLES:

NUMBER:	LOCATION:	DESCRIPTION:	COMMENTS:
W1	MAP 2	WATER	TAKEN IN SMALL CREEK ABOVE BEAVER DAM, MOD FLOW
W2	MAP 2	WATER	SMALL CREEK E. SIDE OF ROAD, MOD FLOW
W3	MAP 2	WATER	GLACIER CREEK, MOD-HIGH FLOW
W4	MAP 2	WATER	DELTAIC CREEK, MOD-HIGH FLOW

anomalous zinc zones have been initially interpreted from the reconnaissance soil survey (Map 4).

In the broad interpretation, these linear zones have apparent strike lengths up to over 4 kms and open for extension; and, widths ranging up to over 300 m. However, in all cases, detailed follow-up work is required to determine the morphology and significance of the anomalies.

A zone of oxidized volcanic rocks is associated with the strongest zinc values (up to 800 ppm) obtained in the survey and located near the southwest end of Zone 1 as defined to date (Map 4). Zone 1 trends northwest and is about 250 m wide with an apparent strike length of over 3 km. The zone is located in close proximity to the Stewart-Cassiar Highway and is very amenable to follow-up. For example, prospecting and hand trenching over the consecutive (50 m spaced) 432, 800, and 672 ppm zinc values (Figure 9) on the south end of Zone 1 could give some immediate information about the potential of the sparsely outcropping gossan zone.

Some of the most intensely altered (carbonatized, silicified) volcanic rock outcrops are associated with the probable southern extension of Zone 2 (Map 4). Zone 2 is up to 300 m wide (Figure 10) but generally consists of a number of narrower, parallel zones. The zone trends northwest and may have a strike length of greater than 4.5 km. The geochemical expression of the southern section of Zone 2 appears to be somewhat mitigated by deeper overburden on the east side of the Fox 30 Claim. The central portion of the zone where zinc, copper, silver, cadmium and barium soil values range up to 578, 310, 1.0, 4.0 and 740 ppm, respectively, is a logical place to focus initial follow-up activities. As referenced in the Kennedy report, the only two gold anomalies (25 and 35 ppb) located in the stream sediment survey do occur on the east and west flanks of the central and northern sections, respectively, of the Zone 2 zinc anomaly.

Zone 3 (Map 4) is about 100 m wide and has been apparently traced over a 700 m strike length. It is open for further delineation and is characterized by zinc soil values ranging up to 394 ppm.

Zinc 4 (Map 4; Figure 11) is interpreted to be about 150 m wide and to date may have been traced by reconnaissance sampling over a strike length of 2 km. The polymetallic signatures from the north end of Zone 4 as outlined to date include zinc, copper, silver, cadmium and barium ICP values ranging up to 446, 63, 1.8, 4.0 and 750 ppm, respectively.

As referenced in the Kennedy report, a number of the highest zinc values (up to 262 ppm) in stream sediments are found in the northwest corner of the project area, in the vicinity of Zone 5 (Map 4). Zone 5 is currently a relatively wide, one line target

and detailed follow-up sampling on and in the vicinity of the claim line is required to evaluate the anomaly.

Of the ten biological samples collected on the claims (Table 3; Map 4; Appendix 2), none are considered to have an anomalous zinc content. The population is too small to draw conclusions from but a number of the biological samples were taken in the anomalous zinc zones. Soil samples are readily available and cost effective: they may be much more useful in defining zinc anomalies.

Soil samples F500-506 were collected in a clear cut area located south of the new claims, north of Deltaic Creek (Figure 5; Table 3; Appendix 2). No anomalous gold or zinc values were detected, although some weak copper and silver anomalies are apparent.

Four water samples were collected in the project area to ascertain PH conditions amenable to gold being transported in stream waters. All the streams are weakly alkaline and none, including Deltaic Creek whose upstream tributaries drain the auriferous Delta Claims, have anomalous gold water contents.

9. RECOMMENDATIONS:

The soil zinc anomalies are not predicted by any strongly anomalous zinc values in the reconnaissance stream sediment and rock samples collected by D. Kennedy. However, the apparent zones of anomalous zinc soil values, often with polymetallic association, are deemed to be of sufficient interest for detailed follow-up activities to be recommended.

Appropriate fill-in sample lines spaced at 400 m should be established in proximity to the most important sections of Zones 1, 2 and 4, and detailed soil sampling along with detailed mapping (where possible) should be carried out to confirm the interpreted strikes and prioritize the importance of the targets. Detailed follow-up of the gold stream sediment anomalies on the flanks of the Zone 2 zinc anomaly is strongly recommended in conjunction with the evaluation of the zinc anomaly.

If successful, magnetometer and IP surveying are recommended to precisely locate trench and diamond drill targets. Follow-up activities should include additional claim staking as warranted by on-going results.

10. CONCLUSIONS:

Based on the soil survey, it is concluded that while there is no significant, currently apparent gold potential, a number of anomalous zinc zones warrant follow-up. The interpreted zinc zones are relatively weak but appear to have considerable widths, extensive strike lengths, encouraging polymetallic signatures and some favourable geological associations. Any IP or EM correlation could offer prospective drill targets for stratabound zinc mineralization in the project area that has not previously been subjected to detailed exploration. Most importantly, all significant gold mineralization that the author has encountered in the Stewart Camp, particularly in the Oweegee Dome area, has been haloed by similar zones of anomalous zinc mineralization often without any gold signature. Thus, the apparent lack of gold potential may be a function of the early state of exploration activities.

As referenced in the Kennedy report, two interesting gold stream sediment anomalies do occur on the flanks of the Zone 2 zinc anomaly: sediment gold anomalies of similar magnitude in high velocity streams in the Stewart Camp are often indicative of important, proximal gold mineralization.

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12. 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 President of Geofine Exploration Consultants Ltd. 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 24 years, including 5 years as a consultant; 10 years with St. Joe Canada Inc./Bond Gold Canada Inc./LAC Minerals Ltd. as Regional Geologist, Exploration Manager 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;

v. I am a Member of the Canadian Institute of Mining and Metallurgy; of the Prospectors and Developers' Association; of the Association of Exploration Geochemists; and, of the Association of Geoscientists of Ontario.

vi. I have supervised the field program and the preparation of this report titled "Report On The 1996 Deltaic Creek Project Carried Out On The Deltaic Grid Of The Stewart Property: Fox 1-26, Old 1-4, Delta 1, 2 Claims, Skeena Mining Division, Northwestern British Columbia" for Viceroy Resource Corporation. I have referenced the technical data available in the BCMEMPR assessment work files as well as other sources listed in the References.

vii. The recommendations herein are solely the responsibility of Geofine Exploration Consultants Ltd.

David E. Molloy

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

Dated at Unionville, Ontario, this 20th day of November, 1996.

APPENDIX 1

Province of
British Columbia

Ministry of
Employment and Investment
Energy and Minerals Division

Bag 5000
Smithers
British Columbia
V0J 2N0
Telephone: (604) 847-7383
Fax: (604) 847-7603

July 3, 1996

File No. 14875-20
Mine No. 0101533

D. Kennedy,
5596 Nuthatch Place,
North Vancouver, B.C.
V7R 4R8

FAXED July 3/96

Dear D. Kennedy:

RE: **Fox (Fox 30 to 40 inclusive) Mineral Property**
Skeena Mining Division

Your Notice of Work dated **July 2, 1996**, on the above mineral property has been received and reviewed pursuant to Section 10 of the Mines Act.

Since the proposed disturbance is minimal reclamation bonding will not be required at this time.

You are authorized to proceed with the proposed program under Approval number **SMI-96-0101533-200.**

This number will be required when recording a Statement of Exploration and Development with the Mineral Titles Branch to maintain title.

This approval applies only to the requirements under Section 10 of the Mines Act. Other legislation may be applicable to the operation and the necessary approvals under that legislation are required to be attained by the permittee.

Please find enclosed a Notice of Completion of Work Form which must be completed by your company. This is a requirement under Section 6.1.6 of the Health, Safety & Reclamation Code for Mines in British Columbia. Your completed work program form should include a set of photographs showing the condition of your work sites prior to commencing work and at the completion of your work program. Please include a description of the photographs. These photos will assist in evaluating the reclamation work.

For future programs, please review the enclosed implementation of the Forest Practices Code pamphlet, particularly the section entitled "Information Requirements for Permits".

Yours truly,

AJPardoe

A.J. (Jill) Pardoe, P.Geo.,
Inspector of Mines
Northwest Region

AJP:emb

APPENDIX 2

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN: DAVID KENNEDY CC: D. MOLLOY

Page Number :1-A
Total :4
Certificate Date: 10-SEP-96
Invoice No. :I9630086
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9630086

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
F-001	201	202	< 5	< 0.2	3.07	< 2	50	< 0.5	< 2	1.20	< 0.5	14	21	36	4.63	< 10	< 1	0.05	< 10	1.62	795
F-003	201	202	< 5	0.4	1.74	4	210	< 0.5	< 2	0.17	2.0	17	35	15	3.95	< 10	< 1	0.08	< 10	0.39	1715
F-005	201	202	< 5	0.2	2.01	10	130	< 0.5	< 2	0.12	< 0.5	12	35	13	3.84	10	< 1	0.06	< 10	0.38	1335
F-007	201	202	< 5	< 0.2	1.38	2	100	< 0.5	< 2	0.09	< 0.5	5	22	9	2.25	< 10	< 1	0.04	< 10	0.20	430
F-009	201	202	< 5	< 0.2	1.51	6	150	< 0.5	< 2	0.07	< 0.5	7	24	8	3.49	10	< 1	0.07	< 10	0.31	3120
F-011	201	202	< 5	0.6	0.88	2	550	< 0.5	< 2	0.80	2.5	12	22	13	2.02	< 10	< 1	0.11	< 10	0.22	3920
F-013	201	202	< 5	0.2	1.56	8	250	< 0.5	< 2	0.47	0.5	10	34	15	3.00	< 10	< 1	0.15	< 10	0.45	1535
F-015	201	202	< 5	0.4	2.63	6	140	< 0.5	< 2	0.24	< 0.5	6	49	15	3.02	< 10	< 1	0.11	< 10	0.61	610
F-017	201	202	< 5	< 0.2	2.59	14	170	< 0.5	< 2	0.50	0.5	9	47	24	4.78	< 10	< 1	0.12	< 10	0.77	530
F-019	201	202	< 5	0.6	1.73	8	960	< 0.5	< 2	0.49	4.0	20	35	28	3.38	10	< 1	0.14	< 10	0.27	>10000
F-021	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F-023	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F-025	201	202	< 5	0.2	0.22	< 2	470	< 0.5	< 2	5.04	1.5	1	13	25	0.33	< 10	< 1	0.04	< 10	0.09	1020
F-027	201	202	< 5	0.2	3.40	16	210	0.5	< 2	0.35	< 0.5	14	57	30	4.99	< 10	< 1	0.11	< 10	1.01	635
F-029	201	202	< 5	< 0.2	1.95	6	120	< 0.5	< 2	0.13	< 0.5	8	43	16	3.36	< 10	< 1	0.07	< 10	0.54	345
F-031	201	202	< 5	0.2	2.63	14	280	0.5	< 2	0.39	0.5	17	40	33	4.53	< 10	< 1	0.09	< 10	0.78	2640
F-033	201	202	< 5	0.4	0.41	< 2	180	< 0.5	< 2	2.42	1.5	3	7	21	0.75	< 10	< 1	0.06	< 10	0.20	450
F-035	201	202	< 5	0.2	1.81	8	240	< 0.5	< 2	0.54	1.5	20	33	32	3.90	< 10	< 1	0.10	< 10	0.57	2350
F-037	201	202	< 5	0.4	1.92	10	190	< 0.5	< 2	0.35	< 0.5	21	36	36	4.01	< 10	< 1	0.10	< 10	0.61	2260
F-039	201	202	< 5	0.4	2.43	12	210	0.5	< 2	0.61	0.5	21	37	43	4.65	< 10	< 1	0.06	< 10	0.81	2000
F-041	201	202	< 5	0.8	0.71	6	120	< 0.5	< 2	0.45	< 0.5	5	14	34	2.34	< 10	< 1	0.07	< 10	0.11	555
F-043	201	202	< 5	0.6	1.28	2	850	< 0.5	< 2	0.59	3.0	35	32	46	4.72	10	< 1	0.12	< 10	0.34	8710
F-045	201	202	< 5	0.4	0.46	< 2	230	< 0.5	< 2	2.65	1.0	5	8	27	1.09	< 10	< 1	0.06	< 10	0.18	1605
F-047	201	202	< 5	0.2	1.68	10	250	< 0.5	2	0.35	0.5	15	27	16	3.92	< 10	< 1	0.17	< 10	0.39	2440
F-049	201	202	< 5	0.2	1.84	8	180	< 0.5	< 2	0.18	< 0.5	12	27	14	3.82	< 10	< 1	0.05	< 10	0.40	855
F-051	201	202	< 5	< 0.2	2.21	16	160	0.5	< 2	0.15	< 0.5	14	30	18	4.39	< 10	< 1	0.08	< 10	0.44	1635
F-053	201	202	< 5	0.2	1.12	< 2	610	< 0.5	< 2	0.70	2.0	33	26	18	3.58	10	< 1	0.10	< 10	0.23	>10000
F-055	201	202	< 5	0.2	2.86	4	260	0.5	< 2	0.49	0.5	17	37	25	5.41	10	< 1	0.09	< 10	0.64	1965
F-057	201	202	< 5	< 0.2	2.04	6	190	< 0.5	< 2	0.11	0.5	15	35	15	4.10	10	< 1	0.08	< 10	0.35	1060
F-059	201	202	< 5	0.2	3.38	10	260	1.0	< 2	0.21	0.5	16	46	36	4.44	10	< 1	0.09	< 10	0.85	775
F-061	201	202	< 5	0.2	2.22	10	250	< 0.5	< 2	0.48	1.0	17	38	23	3.97	< 10	< 1	0.13	< 10	0.71	2180
F-063	201	202	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
F-065	201	202	< 5	< 0.2	2.35	16	350	0.5	< 2	1.19	2.5	19	38	64	4.20	< 10	< 1	0.10	< 10	0.83	1830
F-067	201	202	< 5	< 0.2	1.71	8	1220	< 0.5	< 2	0.30	1.0	20	31	13	4.49	10	< 1	0.08	< 10	0.40	3190
F-069	201	202	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
F-071	201	202	< 5	< 0.2	1.98	12	230	< 0.5	< 2	1.02	2.0	17	38	31	3.75	< 10	< 1	0.10	< 10	0.56	1655
F-073	201	202	< 5	0.2	3.09	12	300	0.5	< 2	0.31	< 0.5	17	46	27	6.36	10	< 1	0.16	< 10	0.73	1260
F-075	201	202	< 5	< 0.2	2.02	4	330	< 0.5	2	0.50	0.5	16	33	18	4.00	10	< 1	0.14	< 10	0.45	2410
F-077	201	202	< 5	0.6	2.47	10	460	0.5	2	1.15	3.0	33	63	106	6.11	10	< 1	0.14	< 10	0.50	4050
F-079	201	202	< 5	0.2	2.45	10	250	< 0.5	< 2	0.62	0.5	13	51	24	3.95	< 10	< 1	0.20	< 10	1.07	730

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN: DAVID KENNEDY CC: D. MOLLOY

Page Number : 1-B
Total Pages : 4
Certificate Date: 10-SEP-96
Invoice No. : I9630086
P.O. Number :
Account : KIV

CERTIFICATE OF ANALYSIS A9630086

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
F-001	201	202	1	< 0.01	8	580	< 2	2	9	51	0.30	< 10	< 10	172	< 10	84
F-003	201	202	1	< 0.01	22	1410	10	2	3	13	0.06	< 10	< 10	83	< 10	206
F-005	201	202	1	< 0.01	20	1610	6	2	3	8	0.05	< 10	< 10	85	< 10	198
F-007	201	202	1	< 0.01	13	750	6	< 2	1	9	0.02	< 10	< 10	66	< 10	52
F-009	201	202	1	< 0.01	12	1370	8	2	3	7	0.07	< 10	< 10	67	< 10	74
F-011	201	202	1	< 0.01	16	900	8	2	2	41	0.06	< 10	< 10	55	< 10	152
F-013	201	202	1	< 0.01	29	1270	6	< 2	2	23	0.03	< 10	< 10	60	< 10	148
F-015	201	202	1	< 0.01	31	1010	2	2	5	10	0.04	< 10	< 10	76	< 10	102
F-017	201	202	1	< 0.01	33	720	6	2	4	25	0.05	< 10	< 10	100	< 10	166
F-019	201	202	2	< 0.01	32	1960	12	2	3	26	0.04	< 10	< 10	83	< 10	282
F-021	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F-023	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F-025	201	202	1	< 0.01	6	1430	2	< 2	< 1	155	< 0.01	< 10	< 10	7	< 10	76
F-027	201	202	1	< 0.01	57	1240	6	2	6	17	0.03	< 10	< 10	101	< 10	170
F-029	201	202	1	< 0.01	31	1420	6	< 2	3	8	0.04	< 10	< 10	73	< 10	180
F-031	201	202	2	< 0.01	36	1530	12	2	5	16	0.05	< 10	< 10	104	< 10	242
F-033	201	202	< 1	< 0.01	9	670	2	< 2	< 1	121	0.03	< 10	< 10	19	< 10	76
F-035	201	202	1	< 0.01	33	1300	8	< 2	3	27	0.05	< 10	< 10	79	< 10	254
F-037	201	202	1	< 0.01	44	1160	10	< 2	3	21	0.02	< 10	< 10	61	< 10	212
F-039	201	202	2	< 0.01	63	760	10	2	4	32	0.01	< 10	< 10	60	< 10	230
F-041	201	202	1	< 0.01	18	470	6	< 2	< 1	24	0.01	< 10	< 10	51	< 10	68
F-043	201	202	1	< 0.01	23	1420	20	2	4	30	0.10	< 10	< 10	127	< 10	342
F-045	201	202	< 1	0.01	13	1120	4	< 2	< 1	108	0.03	< 10	< 10	25	< 10	126
F-047	201	202	1	< 0.01	20	1820	8	2	3	15	0.07	< 10	< 10	91	< 10	238
F-049	201	202	1	< 0.01	18	1050	8	2	4	10	0.06	< 10	< 10	89	< 10	176
F-051	201	202	1	< 0.01	30	2490	6	2	3	10	0.03	< 10	< 10	74	< 10	378
F-053	201	202	1	< 0.01	20	1820	16	2	2	27	0.07	< 10	< 10	73	< 10	334
F-055	201	202	1	< 0.01	20	2900	12	2	5	18	0.12	< 10	< 10	129	< 10	346
F-057	201	202	< 1	< 0.01	16	1990	10	2	3	10	0.11	< 10	< 10	105	< 10	244
F-059	201	202	1	< 0.01	53	1650	8	2	7	12	0.04	< 10	< 10	93	< 10	286
F-061	201	202	1	< 0.01	28	1870	10	2	4	18	0.07	< 10	< 10	93	< 10	236
F-063	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
F-065	201	202	2	< 0.01	44	1000	14	2	7	63	0.04	< 10	< 10	89	< 10	244
F-067	201	202	1	< 0.01	13	1450	16	2	4	23	0.15	< 10	< 10	130	< 10	202
F-069	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
F-071	201	202	1	< 0.01	34	750	10	2	5	59	0.06	< 10	< 10	85	< 10	358
F-073	201	202	2	< 0.01	28	3470	10	2	5	14	0.07	< 10	< 10	135	< 10	224
F-075	201	202	1	< 0.01	16	2070	10	2	3	23	0.09	< 10	< 10	105	< 10	278
F-077	201	202	2	< 0.01	60	2090	14	< 2	5	44	0.13	< 10	< 10	101	< 10	800
F-079	201	202	1	< 0.01	34	1070	6	2	6	26	0.05	< 10	< 10	102	< 10	142

CERTIFICATION: Ian Pinchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN: DAVID KENNEDY CC: D. MOLLOY

Page Number :2-A
Total Pages :4
Certificate Date: 10-SEP-96
Invoice No. :19630086
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9630086

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
F-081	201	202	< 5	< 0.2	2.11	10	160	< 0.5	< 2	0.28	< 0.5	12	44	22	4.02	< 10	< 1	0.08	< 10	1.02	630
F-083	201	202	< 5	< 0.2	2.63	8	190	0.5	< 2	0.40	0.5	17	49	48	4.31	< 10	< 1	0.08	< 10	1.32	890
F-085	201	202	< 5	< 0.2	2.20	6	230	< 0.5	< 2	0.29	< 0.5	13	45	27	4.01	< 10	< 1	0.08	< 10	1.01	670
F-087	201	202	< 5	0.2	2.30	2	80	< 0.5	< 2	0.37	< 0.5	16	50	29	4.24	< 10	< 1	0.05	< 10	1.25	560
F-089	201	202	< 5	< 0.2	1.96	8	80	< 0.5	< 2	0.43	< 0.5	13	46	25	4.07	< 10	< 1	0.06	< 10	1.15	555
F-091	201	202	< 5	< 0.2	2.03	6	190	< 0.5	< 2	0.34	< 0.5	14	47	25	3.93	< 10	< 1	0.06	< 10	1.15	825
F-093	201	202	< 5	< 0.2	2.14	8	160	< 0.5	< 2	0.22	< 0.5	13	48	25	4.20	< 10	< 1	0.06	< 10	1.09	520
F-095	201	202	< 5	< 0.2	2.34	8	230	< 0.5	< 2	0.53	< 0.5	16	50	27	4.10	< 10	< 1	0.11	< 10	1.15	735
F-097	201	202	< 5	< 0.2	1.98	2	220	< 0.5	< 2	0.55	0.5	16	43	27	3.62	< 10	< 1	0.15	< 10	0.79	865
F-099	201	202	not/ss	< 0.2	2.11	14	210	0.5	< 2	0.79	1.0	21	38	66	3.84	< 10	< 1	0.10	< 10	0.92	1930
F-101	201	202	< 5	< 0.2	3.00	2	270	< 0.5	< 2	0.22	0.5	14	44	19	5.39	10	< 1	0.08	< 10	0.71	950
F-103	201	202	< 5	< 0.2	2.27	2	320	< 0.5	< 2	0.35	0.5	14	41	28	3.79	< 10	< 1	0.09	< 10	0.83	1550
F-105	201	202	< 5	0.4	1.96	2	280	< 0.5	< 2	0.44	0.5	17	25	18	3.58	< 10	< 1	0.10	< 10	0.32	3360
F-107	201	202	not/ss	< 0.2	2.26	10	250	0.5	< 2	0.42	0.5	17	38	41	4.08	< 10	< 1	0.07	< 10	0.77	1795
F-109	201	202	not/ss	< 0.2	2.25	4	350	< 0.5	< 2	0.25	0.5	11	38	22	3.93	< 10	1	0.09	< 10	0.61	1005
F-111	201	202	< 5	0.2	1.85	8	340	0.5	< 2	0.30	0.5	13	36	34	4.53	< 10	< 1	0.06	< 10	0.42	1345
F-113	201	202	< 5	< 0.2	1.68	< 2	250	< 0.5	< 2	0.15	0.5	11	28	11	3.79	< 10	< 1	0.07	< 10	0.26	1170
F-115	201	202	< 5	0.2	2.22	4	220	< 0.5	< 2	0.21	0.5	11	33	18	4.63	< 10	< 1	0.08	< 10	0.44	1910
F-117	201	202	< 5	< 0.2	2.54	2	140	< 0.5	< 2	0.20	0.5	9	41	14	4.11	< 10	< 1	0.06	< 10	0.63	555
F-119	201	202	< 5	< 0.2	2.30	14	240	0.5	< 2	0.41	1.5	27	21	27	4.40	10	< 1	0.10	< 10	0.35	3340
F-121	201	202	< 5	< 0.2	2.55	8	200	0.5	< 2	0.16	0.5	9	26	17	4.76	< 10	< 1	0.10	< 10	0.37	1025
F-123	201	202	< 5	0.2	1.19	12	280	< 0.5	< 2	1.22	2.5	12	18	58	3.27	< 10	< 1	0.10	< 10	0.14	2520
F-125	201	202	< 5	0.2	1.69	10	160	< 0.5	< 2	0.59	1.5	12	19	33	3.80	< 10	< 1	0.06	< 10	0.21	545
F-127	201	202	< 5	< 0.2	1.11	6	730	< 0.5	< 2	0.57	3.5	14	22	22	3.70	< 10	< 1	0.12	< 10	0.17	3480
F-129	201	202	< 5	< 0.2	2.04	< 2	990	< 0.5	< 2	0.50	3.0	18	39	22	3.32	< 10	< 1	0.18	< 10	0.34	3540
F-131	201	202	< 5	< 0.2	1.27	8	240	< 0.5	< 2	0.21	< 0.5	5	25	30	3.14	< 10	< 1	0.10	< 10	0.21	400
F-133	201	202	< 5	< 0.2	2.14	6	160	< 0.5	< 2	0.08	0.5	10	20	14	3.80	< 10	< 1	0.10	< 10	0.34	660
F-135	201	202	< 5	< 0.2	2.50	4	240	0.5	< 2	0.14	0.5	21	25	18	4.41	< 10	< 1	0.10	< 10	0.42	2190
F-137	201	202	< 5	0.2	0.92	4	350	< 0.5	< 2	0.61	3.0	14	20	45	3.18	< 10	< 1	0.12	< 10	0.17	2210
F-139	201	202	< 5	< 0.2	2.05	12	190	0.5	< 2	0.18	0.5	14	26	24	3.91	< 10	< 1	0.07	< 10	0.62	1060
F-141	201	202	< 5	< 0.2	0.75	2	380	< 0.5	< 2	1.30	1.5	23	12	14	2.98	< 10	< 1	0.08	< 10	0.17	5040
F-143	201	202	< 5	< 0.2	2.06	10	160	0.5	< 2	0.32	0.5	23	23	36	4.14	< 10	< 1	0.05	10	0.57	2580
F-145	201	202	< 5	< 0.2	0.13	< 2	80	< 0.5	< 2	0.60	1.5	1	1	28	0.33	< 10	< 1	0.04	< 10	0.03	100
F-147	201	202	< 5	0.4	2.69	4	250	0.5	< 2	0.07	0.5	17	46	25	4.51	< 10	< 1	0.05	< 10	0.63	2030
F-149	201	202	< 5	0.4	2.19	6	200	< 0.5	< 2	0.11	0.5	14	33	16	4.69	< 10	1	0.07	< 10	0.41	1270
F-151	201	202	< 5	< 0.2	1.33	2	150	< 0.5	< 2	0.08	< 0.5	9	17	10	3.03	< 10	< 1	0.06	< 10	0.19	1370
F-153	201	202	< 5	0.2	1.71	< 2	870	< 0.5	< 2	0.08	2.5	21	25	10	3.60	< 10	< 1	0.08	< 10	0.18	>10000
F-155	201	202	< 5	0.2	2.66	6	160	0.5	< 2	0.12	< 0.5	15	37	28	4.37	< 10	< 1	0.07	< 10	0.71	1675
F-157	201	202	< 5	< 0.2	1.45	< 2	340	< 0.5	< 2	0.44	1.5	15	38	14	2.75	< 10	< 1	0.12	< 10	0.47	2030
F-159	201	202	< 5	< 0.2	1.42	< 2	300	< 0.5	< 2	0.27	< 0.5	8	35	10	2.42	< 10	< 1	0.08	< 10	0.36	990

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN: DAVID KENNEDY CC: D. MOLLOY

Page Number :2-B
Total Pages :4
Certificate Date: 10-SEP-96
Invoice No. :I9630086
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9630086

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
F-081	201 202	3	< 0.01	35	1070	6	< 2	5	11	0.03	< 10	< 10	81	< 10	110
F-083	201 202	3	< 0.01	50	880	2	< 2	8	13	0.05	< 10	< 10	92	< 10	144
F-085	201 202	3	< 0.01	39	1080	2	< 2	4	13	0.01	< 10	< 10	77	< 10	120
F-087	201 202	3	< 0.01	48	730	2	< 2	6	11	0.04	< 10	< 10	79	< 10	102
F-089	201 202	3	< 0.01	40	1150	4	< 2	5	12	0.03	< 10	< 10	77	< 10	104
F-091	201 202	3	< 0.01	41	1230	4	< 2	4	12	0.03	< 10	< 10	81	< 10	138
F-093	201 202	2	< 0.01	44	860	6	< 2	5	9	0.02	< 10	< 10	83	< 10	106
F-095	201 202	3	< 0.01	47	1400	2	< 2	6	19	0.03	< 10	< 10	81	< 10	128
F-097	201 202	2	< 0.01	33	1790	6	< 2	1	19	0.01	< 10	< 10	81	< 10	160
F-099	201 202	3	< 0.01	49	1330	10	< 2	7	26	0.05	< 10	< 10	81	< 10	194
F-101	201 202	3	< 0.01	27	1910	4	< 2	5	12	0.07	< 10	< 10	122	< 10	424
F-103	201 202	2	< 0.01	39	750	4	< 2	5	19	0.05	< 10	< 10	83	< 10	270
F-105	201 202	2	< 0.01	21	1730	2	< 2	3	19	0.04	< 10	< 10	73	< 10	360
F-107	201 202	4	< 0.01	51	880	8	< 2	6	23	0.04	< 10	< 10	76	< 10	180
F-109	201 202	2	< 0.01	28	1130	4	< 2	4	13	0.03	< 10	< 10	86	< 10	276
F-111	201 202	4	< 0.01	57	1340	4	< 2	4	20	0.01	< 10	< 10	58	< 10	278
F-113	201 202	1	< 0.01	11	2040	8	< 2	2	10	0.07	< 10	< 10	84	< 10	164
F-115	201 202	3	< 0.01	17	2790	6	< 2	4	12	0.05	< 10	< 10	102	< 10	216
F-117	201 202	1	< 0.01	29	1530	< 2	< 2	4	13	0.07	< 10	< 10	83	< 10	280
F-119	201 202	3	< 0.01	16	1600	14	< 2	4	17	0.05	< 10	< 10	102	< 10	442
F-121	201 202	4	< 0.01	18	1440	8	< 2	3	12	0.03	< 10	< 10	93	< 10	276
F-123	201 202	5	< 0.01	27	980	2	< 2	3	46	0.03	< 10	< 10	62	< 10	278
F-125	201 202	5	< 0.01	23	670	6	< 2	3	20	0.02	< 10	< 10	64	< 10	118
F-127	201 202	4	< 0.01	25	1260	2	< 2	3	20	0.03	< 10	< 10	50	< 10	230
F-129	201 202	2	< 0.01	34	1920	6	< 2	4	21	0.03	< 10	< 10	64	< 10	400
F-131	201 202	4	< 0.01	23	1160	4	< 2	1	17	0.02	< 10	< 10	58	< 10	96
F-133	201 202	3	< 0.01	24	1080	6	< 2	5	8	0.03	< 10	< 10	72	< 10	210
F-135	201 202	3	< 0.01	31	1760	4	< 2	4	11	0.04	< 10	< 10	77	< 10	412
F-137	201 202	2	< 0.01	36	1030	10	< 2	2	31	0.05	< 10	< 10	55	< 10	240
F-139	201 202	4	< 0.01	50	910	2	< 2	4	11	0.02	< 10	< 10	59	< 10	218
F-141	201 202	1	< 0.01	20	1250	8	< 2	< 1	53	0.02	< 10	< 10	38	< 10	362
F-143	201 202	3	< 0.01	49	820	8	< 2	6	17	0.03	< 10	< 10	47	< 10	156
F-145	201 202	1	< 0.01	15	340	< 2	< 2	< 1	38	0.01	< 10	< 10	7	< 10	72
F-147	201 202	3	< 0.01	57	1320	2	< 2	5	5	0.02	< 10	< 10	57	< 10	284
F-149	201 202	3	< 0.01	29	1170	6	< 2	4	10	0.04	< 10	< 10	75	< 10	266
F-151	201 202	3	< 0.01	15	1150	6	< 2	1	8	0.01	< 10	< 10	59	< 10	210
F-153	201 202	1	< 0.01	23	1960	6	< 2	2	9	0.04	< 10	< 10	61	< 10	410
F-155	201 202	3	< 0.01	59	2420	< 2	< 2	4	11	0.01	< 10	< 10	56	< 10	198
F-157	201 202	1	< 0.01	32	1110	< 2	< 2	2	27	0.03	< 10	< 10	47	< 10	308
F-159	201 202	1	< 0.01	25	1060	< 2	< 2	2	18	0.03	< 10	< 10	48	< 10	174

CERTIFICATION:_____

Chemex Labs Ltd.

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Ontario, Canada L4W 2S3
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To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
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Page Number :3-A
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Certificate Date: 10-SEP-96
Invoice No. :I9630086
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CERTIFICATE OF ANALYSIS A9630086

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
F-161	201	202	< 5	0.2	1.26	14	280	< 0.5	< 2	0.16	0.5	10	14	27	3.52	< 10	1	0.10	< 10	0.13	875
F-163	201	202	< 5	< 0.2	1.96	48	240	< 0.5	< 2	0.42	< 0.5	13	16	29	4.37	< 10	< 1	0.13	< 10	0.34	1615
F-165	201	202	< 5	0.2	2.05	18	340	< 0.5	< 2	0.40	< 0.5	15	22	27	3.96	< 10	< 1	0.11	< 10	0.59	2460
F-167	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F-169	201	202	< 5	0.6	2.25	24	110	< 0.5	< 2	0.06	< 0.5	11	26	20	5.87	10	< 1	0.05	< 10	0.25	1610
F-171	201	202	< 5	0.2	2.81	20	200	< 0.5	< 2	0.20	< 0.5	13	35	31	4.70	< 10	< 1	0.06	< 10	0.64	825
F-173	201	202	< 5	0.8	1.87	26	120	< 0.5	< 2	0.43	2.5	13	24	59	4.75	< 10	< 1	0.06	< 10	0.25	1620
F-175	201	202	< 5	0.4	2.19	18	250	< 0.5	< 2	0.48	1.0	15	32	43	4.41	< 10	< 1	0.07	< 10	0.60	1715
F-177	201	202	< 5	1.0	2.77	20	360	1.5	< 2	1.47	3.5	22	49	310	4.11	< 10	< 1	0.05	40	0.43	6310
F-179	201	202	< 5	0.2	1.98	6	740	< 0.5	< 2	0.44	4.0	20	31	19	3.97	< 10	< 1	0.11	< 10	0.39	5320
F-181	201	202	< 5	0.2	1.32	8	190	< 0.5	< 2	0.49	0.5	6	32	47	3.73	< 10	< 1	0.06	< 10	0.27	305
F-183	201	202	< 5	0.2	2.56	14	280	< 0.5	< 2	0.38	1.5	18	41	35	4.62	< 10	< 1	0.06	< 10	0.98	1595
F-185	201	202	< 5	0.2	2.72	22	240	< 0.5	< 2	0.30	1.0	19	39	41	4.98	< 10	< 1	0.07	< 10	0.66	1420
F-187	201	202	not/as	< 0.2	1.45	8	100	< 0.5	< 2	0.14	< 0.5	8	22	11	2.64	< 10	< 1	0.05	< 10	0.45	375
F-189	201	202	< 5	0.2	1.81	14	290	< 0.5	< 2	0.21	0.5	10	31	16	3.54	< 10	< 1	0.09	< 10	0.33	1445
F-191	201	202	< 5	0.2	2.77	10	330	< 0.5	< 2	0.14	< 0.5	16	48	24	4.85	< 10	< 1	0.09	< 10	0.62	2590
F-193	201	202	< 5	0.6	1.62	20	170	< 0.5	< 2	0.22	1.5	16	20	63	4.79	< 10	1	0.10	< 10	0.20	2180
F-195	201	202	not/as	1.2	1.24	18	690	< 0.5	< 2	0.68	3.0	16	24	38	5.02	< 10	< 1	0.15	< 10	0.17	3640
F-197	201	202	< 5	0.6	1.46	6	750	< 0.5	< 2	0.53	4.0	18	17	26	3.25	< 10	< 1	0.11	< 10	0.17	6670
F-199	201	202	< 5	1.2	2.28	22	260	0.5	< 2	0.28	< 0.5	15	26	36	4.78	< 10	< 1	0.12	< 10	0.50	1740
F-201	201	202	< 5	0.2	1.69	32	170	< 0.5	< 2	0.64	1.0	17	19	42	4.74	< 10	< 1	0.09	< 10	0.53	1845
F-203	201	202	< 5	0.2	1.74	12	90	< 0.5	< 2	0.16	0.5	6	17	19	3.32	< 10	< 1	0.08	< 10	0.26	265
F-205	201	202	< 5	0.2	1.31	24	160	< 0.5	< 2	0.33	2.0	18	15	31	3.81	< 10	< 1	0.11	< 10	0.40	1665
F-207	201	202	< 5	0.2	1.71	40	180	0.5	< 2	0.39	0.5	18	16	42	4.69	< 10	< 1	0.11	< 10	0.50	1765
F-209	201	202	< 5	0.4	1.00	18	340	< 0.5	< 2	0.97	2.0	18	14	27	3.36	< 10	< 1	0.13	< 10	0.31	4100
F-211	201	202	< 5	0.4	0.98	16	280	< 0.5	< 2	0.29	4.0	14	12	38	3.23	< 10	< 1	0.10	< 10	0.17	2990
F-213	201	202	< 5	0.2	0.81	36	80	< 0.5	< 2	0.46	< 0.5	9	13	25	3.73	< 10	1	0.09	< 10	0.22	655
F-215	201	202	< 5	0.2	1.68	24	160	0.5	< 2	0.25	< 0.5	19	29	52	5.05	< 10	< 1	0.10	< 10	0.64	1555
F-217	201	202	< 5	0.2	1.33	20	230	< 0.5	< 2	0.34	0.5	12	23	27	4.25	< 10	< 1	0.11	< 10	0.37	990
F-219	201	202	not/as	0.6	1.95	24	160	0.5	< 2	0.13	0.5	31	43	49	5.50	< 10	< 1	0.10	< 10	0.59	1120
F-221	201	202	< 5	0.2	1.82	24	320	< 0.5	< 2	0.26	0.5	14	33	30	3.81	< 10	< 1	0.10	< 10	0.32	2340
F-223	201	202	< 5	< 0.2	0.85	30	80	< 0.5	< 2	0.13	< 0.5	11	27	50	5.27	< 10	< 1	0.07	< 10	0.10	200
F-225	201	202	< 5	0.8	1.16	24	240	< 0.5	< 2	0.34	2.0	18	32	47	4.81	< 10	< 1	0.12	< 10	0.20	1145
F-227	201	202	< 5	0.6	1.16	14	180	< 0.5	< 2	0.72	2.0	25	34	52	4.24	< 10	< 1	0.09	< 10	0.43	1810
F-229	201	202	< 5	0.2	2.22	12	240	< 0.5	< 2	0.12	< 0.5	10	37	23	4.15	< 10	1	0.05	< 10	0.52	800
F-231	201	202	< 5	< 0.2	2.76	14	370	< 0.5	< 2	0.15	0.5	10	46	24	4.50	< 10	< 1	0.06	< 10	0.78	745
F-233	201	202	< 5	< 0.2	2.52	10	210	< 0.5	< 2	0.37	< 0.5	9	42	47	4.18	< 10	< 1	0.11	< 10	0.87	480
F-235	201	202	< 5	0.2	2.62	12	430	< 0.5	< 2	0.18	< 0.5	14	42	21	4.27	< 10	< 1	0.10	< 10	0.66	2230
F-237	201	202	< 5	0.2	2.35	12	500	< 0.5	< 2	0.46	2.5	17	45	18	4.22	< 10	< 1	0.16	< 10	0.70	3520
F-239	201	202	< 5	< 0.2	3.16	18	310	0.5	< 2	0.35	1.0	14	53	37	5.03	< 10	< 1	0.11	< 10	1.02	785

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN: DAVID KENNEDY CC: D. MOLLOY

P[illegible]er :3-B
To[illegible] :4
Certificate Date: 10-SEP-96
Invoice No. :I9630086
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9630086

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
F-161	201	202	2	< 0.01	13	500	10	< 2	3	18	0.03	< 10	< 10	64	< 10	174
F-163	201	202	2	< 0.01	26	720	6	2	4	25	0.01	< 10	< 10	62	< 10	182
F-165	201	202	1	< 0.01	36	1250	8	< 2	4	19	0.04	< 10	< 10	70	< 10	236
F-167	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F-169	201	202	3	< 0.01	21	750	8	2	4	7	0.03	< 10	< 10	115	< 10	198
F-171	201	202	1	< 0.01	30	620	6	< 2	5	12	0.04	< 10	< 10	106	< 10	160
F-173	201	202	3	< 0.01	40	1580	12	2	3	22	0.03	< 10	< 10	89	< 10	168
F-175	201	202	1	< 0.01	35	1150	12	2	4	22	0.04	< 10	< 10	101	< 10	180
F-177	201	202	3	0.01	71	3110	14	< 2	11	97	0.03	< 10	< 10	85	< 10	308
F-179	201	202	1	< 0.01	22	2290	12	2	3	21	0.05	< 10	< 10	77	< 10	578
F-181	201	202	1	< 0.01	34	1770	8	< 2	1	26	0.02	< 10	< 10	63	< 10	82
F-183	201	202	1	< 0.01	48	1140	12	< 2	5	13	0.05	< 10	< 10	96	< 10	228
F-185	201	202	1	< 0.01	34	2730	12	< 2	6	12	0.05	< 10	< 10	111	< 10	284
F-187	201	202	< 1	< 0.01	16	1120	4	< 2	2	6	0.03	< 10	< 10	54	< 10	190
F-189	201	202	1	< 0.01	18	1640	6	< 2	3	11	0.05	< 10	< 10	82	< 10	162
F-191	201	202	1	< 0.01	31	1850	4	< 2	4	9	0.04	< 10	< 10	110	< 10	242
F-193	201	202	3	< 0.01	50	2430	10	< 2	3	22	0.02	< 10	< 10	62	< 10	168
F-195	201	202	3	0.01	42	2390	8	< 2	2	59	0.01	< 10	< 10	59	< 10	446
F-197	201	202	1	< 0.01	38	1700	10	< 2	2	45	0.05	< 10	< 10	52	< 10	426
F-199	201	202	1	< 0.01	46	1380	6	< 2	5	25	0.01	< 10	< 10	75	< 10	186
F-201	201	202	1	< 0.01	33	1390	8	< 2	3	34	0.03	< 10	< 10	77	< 10	144
F-203	201	202	2	< 0.01	19	610	6	< 2	2	16	0.03	< 10	< 10	65	< 10	88
F-205	201	202	3	< 0.01	21	1100	8	< 2	4	20	0.01	< 10	< 10	57	< 10	216
F-207	201	202	5	< 0.01	31	1480	8	2	6	24	< 0.01	< 10	< 10	57	< 10	210
F-209	201	202	2	< 0.01	22	1780	8	2	3	41	0.01	< 10	< 10	51	< 10	206
F-211	201	202	2	< 0.01	27	1790	6	2	3	23	< 0.01	< 10	< 10	40	< 10	194
F-213	201	202	4	< 0.01	23	1530	6	< 2	4	19	< 0.01	< 10	< 10	44	< 10	118
F-215	201	202	4	< 0.01	55	1330	10	4	7	21	< 0.01	< 10	< 10	60	< 10	174
F-217	201	202	3	< 0.01	32	2330	8	2	4	23	< 0.01	< 10	< 10	54	< 10	192
F-219	201	202	3	< 0.01	77	1520	12	2	5	27	0.01	< 10	< 10	69	< 10	228
F-221	201	202	1	< 0.01	43	1630	8	2	4	28	0.01	< 10	< 10	69	< 10	180
F-223	201	202	3	< 0.01	81	760	8	< 2	8	25	< 0.01	< 10	< 10	55	< 10	148
F-225	201	202	3	< 0.01	65	1640	10	< 2	4	33	< 0.01	< 10	< 10	64	< 10	266
F-227	201	202	3	< 0.01	83	1610	12	2	5	63	< 0.01	< 10	< 10	47	< 10	260
F-229	201	202	< 1	< 0.01	26	1740	10	2	4	8	0.01	< 10	< 10	85	< 10	168
F-231	201	202	1	< 0.01	40	1250	6	< 2	5	10	0.01	< 10	< 10	90	< 10	208
F-233	201	202	1	< 0.01	52	1320	8	2	5	15	0.01	< 10	< 10	79	< 10	160
F-235	201	202	< 1	< 0.01	29	1620	10	2	4	10	0.03	< 10	< 10	102	< 10	300
F-237	201	202	< 1	< 0.01	35	2210	8	< 2	4	20	0.04	< 10	< 10	86	< 10	308
F-239	201	202	1	< 0.01	57	2560	10	2	6	14	0.01	< 10	< 10	104	< 10	252

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN: DAVID KENNEDY CC: D. MOLLOY

P[illegible]er :4-A
To[illegible]s :4
Certificate Date: 10-SEP-96
Invoice No. :I9630086
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9630086

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
F-241	201	202	< 5	0.2	2.08	16	220	< 0.5	< 2	0.81	1.0	19	42	31	4.20	< 10	< 1	0.09	< 10	0.93	1130
F-243	201	202	< 5	0.2	0.90	6	210	< 0.5	< 2	0.26	0.5	5	14	33	1.76	< 10	< 1	0.04	< 10	0.06	110
F-245	201	202	< 5	< 0.2	2.70	16	320	0.5	< 2	0.53	0.5	19	32	47	5.32	< 10	< 1	0.08	20	0.40	4350
F-247	201	202	< 5	0.2	2.94	20	410	< 0.5	< 2	0.13	0.5	27	31	28	5.02	< 10	1	0.10	< 10	0.52	4610
F-249	201	202	< 5	0.4	2.60	16	190	0.5	< 2	0.11	< 0.5	15	42	25	4.33	< 10	< 1	0.07	< 10	0.59	1400
F-251	201	202	< 5	0.2	2.36	18	210	0.5	< 2	0.11	0.5	24	30	37	4.84	< 10	< 1	0.07	10	0.62	1730
F-253	201	202	< 5	0.2	2.11	16	440	< 0.5	< 2	0.31	1.5	23	32	24	4.59	< 10	< 1	0.10	< 10	0.61	3530
F-255	201	202	< 5	0.6	3.10	16	160	< 0.5	< 2	0.11	< 0.5	16	44	36	5.23	< 10	< 1	0.05	< 10	0.84	2190
F-257	201	202	< 5	0.8	2.67	14	170	< 0.5	< 2	0.13	< 0.5	15	40	25	4.38	< 10	< 1	0.05	< 10	0.65	1640
F-259	201	202	< 5	0.4	2.17	10	180	0.5	< 2	0.11	0.5	16	38	16	4.34	< 10	< 1	0.05	< 10	0.43	2760
F-261	201	202	< 5	0.2	1.85	8	160	< 0.5	< 2	0.05	< 0.5	10	36	16	3.86	< 10	< 1	0.05	< 10	0.36	820
F-263	201	202	< 5	0.2	1.95	18	180	< 0.5	< 2	0.21	< 0.5	14	36	26	4.83	< 10	< 1	0.07	< 10	0.56	1435
F-265	201	202	< 5	0.2	2.38	18	80	0.5	< 2	0.16	< 0.5	21	56	46	3.87	< 10	1	0.06	< 10	1.09	1490
F-267	201	202	< 5	0.6	1.39	8	200	< 0.5	< 2	0.16	1.0	22	23	19	3.57	< 10	< 1	0.10	< 10	0.31	2440
F-269	201	202	< 5	0.2	2.37	8	110	< 0.5	< 2	0.09	< 0.5	12	42	14	4.77	< 10	< 1	0.06	< 10	0.41	675
F-271	201	202	< 5	0.6	2.18	8	230	< 0.5	< 2	0.06	0.5	16	35	21	4.12	< 10	< 1	0.07	< 10	0.50	2460
F-273	201	202	< 5	0.6	1.36	6	150	< 0.5	< 2	0.07	< 0.5	9	20	18	2.54	< 10	< 1	0.06	< 10	0.22	750
F-275	201	202	not/##	1.2	0.08	< 2	130	< 0.5	< 2	2.27	3.0	1	1	12	0.13	< 10	< 1	0.04	< 10	0.21	245
F-277	201	202	< 5	0.4	0.90	10	270	< 0.5	< 2	0.44	0.5	9	20	15	1.71	< 10	1	0.09	< 10	0.13	2970
F-279	201	202	< 5	0.8	0.93	14	300	< 0.5	< 2	0.27	2.0	8	17	19	2.83	< 10	< 1	0.12	< 10	0.15	1335
F-281	201	202	< 5	0.8	2.54	12	250	< 0.5	< 2	0.13	0.5	13	37	20	3.95	< 10	< 1	0.10	< 10	0.59	1030
F-283	201	202	< 5	1.8	2.55	24	260	0.5	< 2	0.30	0.5	15	38	42	6.62	< 10	< 1	0.12	< 10	0.42	1135
F-285	201	202	< 5	0.2	1.76	10	810	< 0.5	< 2	0.54	3.5	21	14	25	3.53	< 10	< 1	0.16	< 10	0.23	8980
F-287	201	202	< 5	0.2	2.30	16	330	< 0.5	< 2	0.21	0.5	15	25	29	5.06	< 10	< 1	0.07	< 10	0.47	1490
F-289	201	202	< 5	< 0.2	0.69	6	240	< 0.5	< 2	0.51	< 0.5	4	9	12	2.02	< 10	< 1	0.07	< 10	0.07	210
F-291	201	202	< 5	0.2	2.14	16	160	< 0.5	< 2	0.27	< 0.5	14	26	41	4.03	< 10	< 1	0.07	< 10	0.65	1225
F-293	201	202	< 5	0.2	3.27	22	240	< 0.5	< 2	0.25	0.5	11	39	35	5.27	< 10	< 1	0.05	< 10	0.80	750

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN: DAVID KENNEDY CC: D. MOLLOY

P[illegible]er :4-B
To[illegible]s :4
Certificate Date: 10-SEP-96
Invoice No. :I9630086
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9630086

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
F-241	201	202	1	< 0.01	39	1330	10	4	4	26	0.02	< 10	< 10	84	< 10	190
F-243	201	202	1	< 0.01	28	550	8	< 2	< 1	22	0.01	< 10	< 10	34	< 10	62
F-245	201	202	4	< 0.01	58	1130	2	2	4	31	0.05	< 10	< 10	71	< 10	400
F-247	201	202	1	< 0.01	50	1470	10	< 2	5	10	0.03	< 10	< 10	72	< 10	510
F-249	201	202	1	< 0.01	54	1320	6	2	5	9	0.10	< 10	< 10	62	< 10	262
F-251	201	202	< 1	< 0.01	58	960	8	< 2	4	7	0.02	< 10	< 10	60	< 10	460
F-253	201	202	2	< 0.01	40	2410	10	< 2	3	25	0.04	< 10	< 10	78	< 10	352
F-255	201	202	1	< 0.01	54	1460	4	< 2	4	4	0.06	< 10	< 10	61	< 10	270
F-257	201	202	1	< 0.01	51	1310	4	2	4	9	0.07	< 10	< 10	57	< 10	242
F-259	201	202	1	< 0.01	37	1240	6	6	3	8	0.07	< 10	< 10	56	< 10	396
F-261	201	202	< 1	< 0.01	26	1270	6	< 2	3	5	0.03	< 10	< 10	63	< 10	162
F-263	201	202	1	< 0.01	40	1800	8	4	3	13	0.04	< 10	< 10	53	< 10	162
F-265	201	202	2	< 0.01	82	1090	8	< 2	3	9	0.01	< 10	< 10	47	< 10	158
F-267	201	202	2	< 0.01	24	2130	12	< 2	1	13	0.05	< 10	< 10	53	< 10	282
F-269	201	202	2	< 0.01	28	670	8	2	3	9	0.03	< 10	< 10	90	< 10	230
F-271	201	202	1	< 0.01	37	2000	8	2	2	6	0.02	< 10	< 10	59	< 10	394
F-273	201	202	1	< 0.01	23	1110	8	< 2	2	7	0.01	< 10	< 10	51	< 10	98
F-275	201	202	< 1	< 0.01	6	850	2	2	< 1	177	< 0.01	< 10	< 10	3	< 10	224
F-277	201	202	1	< 0.01	16	880	2	< 2	1	39	0.03	< 10	< 10	38	< 10	60
F-279	201	202	1	< 0.01	21	1300	8	2	1	25	0.03	< 10	< 10	49	< 10	156
F-281	201	202	1	< 0.01	42	1070	6	2	4	18	0.03	< 10	< 10	68	< 10	436
F-283	201	202	1	< 0.01	36	2200	10	< 2	4	42	0.08	< 10	< 10	92	< 10	314
F-285	201	202	1	< 0.01	20	2150	8	< 2	3	29	0.02	< 10	< 10	55	< 10	396
F-287	201	202	1	< 0.01	28	490	8	< 2	5	13	0.01	< 10	< 10	56	< 10	132
F-289	201	202	< 1	< 0.01	7	850	4	< 2	< 1	36	0.01	< 10	< 10	42	< 10	40
F-291	201	202	3	< 0.01	37	570	6	< 2	5	18	0.02	< 10	< 10	66	< 10	124
F-293	201	202	< 1	< 0.01	33	1700	8	< 2	6	12	0.03	< 10	< 10	112	< 10	326

CERTIFICATION: Stuart Pandlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN:DAVID KENNEDY CC:D.MOLLOY

Number :1-A
Pages :2
Certificate Date: 22-OCT-9(
Invoice No. :19636018
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9636018

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
F 050	201	202	0.2	1.98	6	250	< 0.5	2	0.11	0.5	12	33	16	3.55	10	< 1	0.05	< 10	0.41	3130	1
F 052	201	202	0.2	2.27	8	160	0.5	2	0.11	< 0.5	16	36	33	4.46	10	< 1	0.05	< 10	0.52	1635	2
F 054	201	202	0.2	2.26	10	610	0.5	< 2	1.15	2.0	15	28	35	4.37	10	< 1	0.09	< 10	0.67	3380	1
F 056	201	202	0.2	2.24	4	390	< 0.5	2	0.30	3.0	16	34	18	4.09	10	< 1	0.07	< 10	0.48	1880	1
F 058	201	202	0.2	2.78	12	270	0.5	2	0.13	< 0.5	14	41	25	4.36	10	< 1	0.07	< 10	0.68	910	1
F 060	201	202	0.2	2.69	10	220	1.0	2	0.21	1.0	14	32	30	4.07	10	< 1	0.07	< 10	0.64	1320	1
F 070	201	202	0.2	1.95	12	230	< 0.5	4	0.30	1.0	20	30	23	4.68	10	< 1	0.09	< 10	0.39	1715	3
F 072	201	202	0.2	1.61	4	300	< 0.5	2	0.16	0.5	12	33	16	3.58	10	< 1	0.10	< 10	0.36	1095	1
F 074	201	202	0.2	2.52	6	230	< 0.5	< 2	0.27	0.5	16	34	21	4.67	10	< 1	0.08	< 10	0.57	2620	1
F 076	201	202	0.4	2.23	8	310	0.5	< 2	0.52	0.5	20	37	20	4.82	10	< 1	0.12	< 10	0.59	2390	1
F 078	201	202	0.6	1.18	2	570	0.5	2	1.91	9.5	23	29	114	2.62	< 10	< 1	0.10	< 10	0.28	4830	1
F 102	201	202	< 0.2	2.50	10	180	0.5	< 2	0.39	< 0.5	13	39	33	3.97	10	< 1	0.10	< 10	0.94	890	1
F 104	201	202	< 0.2	2.94	10	200	0.5	< 2	0.15	< 0.5	13	45	30	4.12	10	< 1	0.08	< 10	0.94	465	1
F 106	201	202	0.2	2.63	18	210	0.5	< 2	0.39	0.5	18	36	43	4.54	< 10	< 1	0.09	< 10	0.70	1455	3
F 108	201	202	0.2	2.51	20	160	0.5	4	0.36	< 0.5	17	39	77	4.34	10	< 1	0.09	< 10	0.90	910	3
F 110	201	202	0.4	1.78	16	340	0.5	< 2	0.59	1.5	19	32	32	4.75	10	< 1	0.10	< 10	0.30	2550	2
F 112	201	202	0.4	2.84	14	290	0.5	2	0.21	0.5	15	40	25	5.37	10	< 1	0.09	< 10	0.66	1270	1
F 114	201	202	0.2	2.30	6	160	< 0.5	2	0.27	< 0.5	10	33	16	4.02	10	< 1	0.08	< 10	0.56	505	1
F 116	201	202	0.4	3.49	10	180	0.5	< 2	0.14	< 0.5	13	41	23	6.62	10	< 1	0.05	< 10	0.64	615	3
F 118	201	202	0.2	2.27	6	190	0.5	2	0.27	0.5	15	34	19	5.54	10	< 1	0.08	< 10	0.41	1530	2
F 120	201	202	< 0.2	1.43	8	80	< 0.5	< 2	0.53	< 0.5	7	13	14	2.85	10	< 1	0.06	< 10	0.18	280	3
F 122	201	202	0.6	0.46	4	270	0.5	< 2	4.02	2.5	7	7	99	0.81	< 10	< 1	0.02	10	0.09	2530	2
F 124	201	202	< 0.2	1.52	24	110	< 0.5	< 2	0.50	< 0.5	6	17	24	4.29	< 10	< 1	0.07	< 10	0.12	280	6
F 126	201	202	< 0.2	1.23	18	170	< 0.5	< 2	0.45	1.0	12	19	36	3.82	10	< 1	0.09	< 10	0.22	1040	3
F 128	201	202	< 0.2	1.75	10	610	0.5	< 2	0.47	2.0	18	28	24	3.92	< 10	< 1	0.09	< 10	0.40	1915	3
F 130	201	202	< 0.2	1.73	8	2000	0.5	< 2	0.27	1.5	17	25	28	4.24	< 10	< 1	0.18	< 10	0.33	1925	5
F 132	201	202	< 0.2	1.77	8	230	< 0.5	< 2	0.12	0.5	13	23	13	3.62	10	< 1	0.08	< 10	0.26	1270	4
F 134	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F 136	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F 138	201	202	0.4	0.92	8	90	< 0.5	2	0.16	0.5	8	25	36	3.72	< 10	< 1	0.06	< 10	0.11	745	2
F 140	201	202	< 0.2	1.47	10	210	< 0.5	< 2	0.30	0.5	14	22	19	3.48	< 10	< 1	0.08	< 10	0.49	1220	1
F 142	201	202	0.2	1.67	12	160	0.5	< 2	0.45	< 0.5	22	21	41	3.74	10	< 1	0.07	10	0.49	2340	3
F 144	201	202	< 0.2	1.33	10	360	0.5	< 2	0.47	< 0.5	18	23	34	3.26	< 10	< 1	0.09	< 10	0.45	3240	3
F 146	201	202	0.4	2.19	10	210	< 0.5	2	0.50	< 0.5	13	25	30	4.23	10	< 1	0.07	< 10	0.47	1160	2
F 148	201	202	0.2	2.30	8	180	0.5	2	0.11	< 0.5	18	37	39	4.10	10	< 1	0.08	< 10	0.67	1430	2
F 150	201	202	0.2	1.72	10	170	0.5	< 2	0.20	< 0.5	18	20	47	3.17	< 10	< 1	0.11	< 10	0.48	3630	3
F 152	201	202	< 0.2	1.76	4	190	< 0.5	< 2	0.10	< 0.5	10	25	13	3.30	10	< 1	0.08	< 10	0.27	1145	2
F 154	201	202	< 0.2	0.99	8	140	< 0.5	< 2	0.09	< 0.5	9	20	18	3.05	< 10	< 1	0.06	< 10	0.10	965	1
F 156	201	202	0.6	1.62	10	180	< 0.5	< 2	0.20	0.5	12	30	32	3.86	10	< 1	0.08	< 10	0.24	940	3
F 172	201	202	0.2	2.52	12	230	0.5	< 2	0.26	0.5	18	32	34	5.13	10	< 1	0.07	< 10	0.45	3810	3

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN:DAVID KENNEDY CC:D.MOLLOY

P[illegible]ber :1-B
Tota[illegible]es :2
Certificate Date: 22-OCT-96
Invoice No. :19636018
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9636018

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
F 050	201	202	< 0.01	29	1330	8	< 2	4	7	0.01	< 10	< 10	63	< 10	262
F 052	201	202	< 0.01	40	930	8	2	4	9	0.03	< 10	< 10	69	< 10	152
F 054	201	202	< 0.01	26	2900	12	< 2	3	53	0.04	< 10	< 10	96	< 10	406
F 056	201	202	< 0.01	29	1620	8	< 2	4	25	0.04	< 10	< 10	89	< 10	496
F 058	201	202	< 0.01	37	870	8	2	6	11	0.05	< 10	< 10	96	< 10	312
F 060	201	202	< 0.01	54	890	10	2	5	14	0.06	< 10	< 10	69	< 10	182
F 070	201	202	< 0.01	19	760	14	< 2	4	19	0.12	< 10	< 10	110	< 10	218
F 072	201	202	< 0.01	19	1700	8	< 2	3	11	0.05	< 10	< 10	79	< 10	218
F 074	201	202	< 0.01	27	2190	10	2	4	16	0.04	< 10	< 10	110	< 10	292
F 076	201	202	< 0.01	26	2500	12	< 2	4	25	0.06	< 10	< 10	105	< 10	432
F 078	201	202	< 0.01	63	1450	12	2	5	97	0.06	< 10	< 10	44	< 10	672
F 102	201	202	< 0.01	41	1390	10	< 2	6	21	0.04	< 10	< 10	86	< 10	300
F 104	201	202	< 0.01	53	430	10	2	6	13	0.05	< 10	< 10	90	< 10	192
F 106	201	202	< 0.01	54	1120	14	2	6	25	0.04	< 10	< 10	83	< 10	198
F 108	201	202	< 0.01	54	1130	12	2	7	16	0.04	< 10	< 10	88	< 10	160
F 110	201	202	< 0.01	35	1290	12	2	4	47	0.06	< 10	< 10	72	< 10	336
F 112	201	202	< 0.01	29	2270	10	2	6	16	0.06	< 10	< 10	116	< 10	394
F 114	201	202	< 0.01	22	1580	6	2	4	11	0.05	< 10	< 10	98	< 10	242
F 116	201	202	< 0.01	25	3060	8	2	5	9	0.05	< 10	< 10	120	< 10	250
F 118	201	202	< 0.01	20	1420	10	2	3	22	0.12	< 10	< 10	118	< 10	264
F 120	201	202	< 0.01	11	340	10	< 2	2	21	0.03	< 10	< 10	111	< 10	64
F 122	201	202	< 0.01	26	740	4	2	< 1	123	0.01	< 10	< 10	14	< 10	108
F 124	201	202	< 0.01	12	830	10	2	2	23	0.01	< 10	< 10	64	< 10	88
F 126	201	202	< 0.01	23	600	10	2	3	27	0.03	< 10	< 10	78	< 10	112
F 128	201	202	< 0.01	42	970	8	2	6	18	0.04	< 10	< 10	59	< 10	342
F 130	201	202	< 0.01	30	2810	8	2	3	17	0.03	< 10	< 10	48	< 10	274
F 132	201	202	< 0.01	20	740	8	< 2	4	14	0.04	< 10	< 10	71	< 10	172
F 134	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F 136	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
F 138	201	202	< 0.01	25	1780	12	2	1	12	0.04	< 10	< 10	77	< 10	168
F 140	201	202	< 0.01	29	1290	8	2	4	19	0.02	< 10	< 10	57	< 10	244
F 142	201	202	< 0.01	47	800	10	2	5	27	0.03	< 10	< 10	47	< 10	160
F 144	201	202	< 0.01	40	830	10	2	4	24	0.02	< 10	< 10	44	< 10	164
F 146	201	202	< 0.01	35	550	8	2	4	28	0.07	< 10	< 10	57	< 10	146
F 148	201	202	< 0.01	71	940	8	2	5	7	0.05	< 10	< 10	53	< 10	196
F 150	201	202	< 0.01	49	1200	10	2	5	14	0.01	< 10	< 10	51	< 10	216
F 152	201	202	< 0.01	20	1680	4	2	3	9	0.02	< 10	< 10	67	< 10	192
F 154	201	202	< 0.01	18	810	12	2	3	8	0.04	< 10	< 10	72	< 10	132
F 156	201	202	< 0.01	35	1070	10	2	3	21	0.01	< 10	< 10	66	< 10	146
F 172	201	202	< 0.01	31	1380	18	2	4	17	0.09	< 10	< 10	106	< 10	340

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN:DAVID KENNEDY CC:D.MOLLOY

Page Number :2-A
Total Pages :2
Certificate Date: 22-OCT-96
Invoice No. :19636018
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9636018

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
174	201	202	0.8	2.15	14	280	1.0	< 2	0.77	2.0	20	29	115	4.14	10	< 1	0.07	20	0.42	2620	2
176	201	202	0.2	1.75	10	180	< 0.5	2	0.49	0.5	16	32	40	4.68	10	< 1	0.06	< 10	0.53	1360	2
178	201	202	0.2	2.42	10	180	< 0.5	< 2	0.26	< 0.5	18	41	26	4.33	10	< 1	0.09	< 10	1.02	1570	1
180	201	202	0.2	2.16	10	130	< 0.5	< 2	0.37	0.5	17	43	36	4.04	10	< 1	0.13	< 10	0.95	1245	2
182	201	202	< 0.2	0.49	6	130	< 0.5	< 2	0.72	0.5	4	12	25	1.70	< 10	< 1	0.08	< 10	0.12	215	2
184	201	202	< 0.2	2.01	16	290	0.5	< 2	0.62	2.5	23	37	56	4.11	10	< 1	0.11	< 10	0.70	2670	2
186	201	202	< 0.2	2.66	10	430	0.5	< 2	0.35	1.0	17	39	42	4.67	10	< 1	0.09	< 10	0.74	1465	2
192	201	202	1.8	1.09	18	170	< 0.5	< 2	0.28	< 0.5	15	20	70	4.90	< 10	< 1	0.12	< 10	0.16	1635	3
194	201	202	1.0	1.05	10	610	< 0.5	2	0.48	3.5	35	29	29	4.21	10	< 1	0.14	< 10	0.22	7780	2
196	201	202	1.2	1.19	8	400	0.5	2	0.18	1.5	24	18	27	4.17	< 10	< 1	0.11	< 10	0.15	4160	3
198	201	202	0.6	1.29	16	430	< 0.5	2	0.31	3.0	18	21	33	4.14	< 10	< 1	0.14	< 10	0.24	2140	2
230	201	202	0.2	2.31	6	250	< 0.5	< 2	0.15	< 0.5	10	42	20	4.19	10	< 1	0.10	< 10	0.61	465	1
232	201	202	0.4	1.44	4	280	< 0.5	< 2	0.17	< 0.5	14	27	29	4.50	10	< 1	0.15	< 10	0.28	1320	3
234	201	202	0.2	1.74	4	590	< 0.5	2	0.63	2.0	23	36	19	3.82	10	< 1	0.17	< 10	0.61	4380	1
236	201	202	< 0.2	1.97	4	480	< 0.5	< 2	0.37	0.5	15	39	17	3.37	10	< 1	0.15	< 10	0.46	2020	1
238	201	202	< 0.2	2.73	10	310	0.5	< 2	0.27	< 0.5	17	51	24	4.19	10	< 1	0.12	< 10	1.04	1330	1
240	201	202	0.2	2.13	8	180	0.5	2	0.72	0.5	19	47	36	3.96	10	< 1	0.17	< 10	0.99	1820	1
242	201	202	< 0.2	1.99	10	280	< 0.5	< 2	0.61	< 0.5	17	42	35	3.69	10	< 1	0.12	< 10	1.10	1000	2
244	201	202	0.8	2.07	12	130	< 0.5	< 2	0.11	< 0.5	38	27	39	4.47	10	< 1	0.06	< 10	0.55	3440	2
246	201	202	0.2	1.62	8	200	0.5	< 2	0.13	< 0.5	38	21	17	4.20	10	< 1	0.06	< 10	0.24	5440	1
248	201	202	0.4	0.97	12	380	< 0.5	< 2	0.38	1.0	7	41	54	3.68	10	< 1	0.10	< 10	0.19	945	2
250	201	202	0.6	1.80	6	270	< 0.5	< 2	0.05	< 0.5	22	25	13	4.27	10	< 1	0.07	< 10	0.22	2670	1
252	201	202	< 0.2	1.96	14	100	0.5	< 2	0.15	< 0.5	17	34	32	3.80	10	< 1	0.09	< 10	0.87	1665	2
254	201	202	0.8	2.62	10	160	0.5	< 2	0.19	< 0.5	20	39	32	4.49	10	< 1	0.08	< 10	0.95	3790	3
256	201	202	0.8	2.26	10	170	0.5	2	0.11	< 0.5	25	41	34	4.15	10	< 1	0.07	< 10	0.79	2620	3
258	201	202	0.2	1.89	8	130	< 0.5	2	0.02	< 0.5	8	33	11	4.65	10	< 1	0.05	< 10	0.26	540	2
268	201	202	0.6	1.30	6	250	< 0.5	< 2	0.19	0.5	11	36	36	2.87	< 10	< 1	0.10	< 10	0.24	655	3
270	201	202	0.6	0.94	4	470	< 0.5	2	0.86	1.5	15	21	11	2.61	< 10	< 1	0.13	< 10	0.20	7650	1
272	201	202	0.2	1.74	6	150	< 0.5	< 2	0.08	< 0.5	13	32	19	3.22	10	< 1	0.11	< 10	0.48	1135	1
274	201	202	0.6	1.89	10	340	0.5	< 2	0.12	1.5	36	45	46	4.69	10	< 1	0.10	< 10	0.57	6310	4
276	201	202	0.2	0.85	6	110	< 0.5	< 2	0.16	< 0.5	15	41	19	2.42	< 10	< 1	0.07	< 10	0.18	1300	1
278	201	202	< 0.2	0.62	2	210	< 0.5	< 2	0.26	< 0.5	2	11	8	0.53	< 10	< 1	0.09	< 10	0.13	365	< 1
280	201	202	1.0	2.84	16	130	0.5	2	0.09	< 0.5	24	60	53	4.76	10	< 1	0.10	10	1.05	1225	5
282	201	202	0.2	1.70	4	360	< 0.5	2	0.25	1.5	15	32	13	2.98	10	< 1	0.11	< 10	0.28	2600	1
284	201	202	< 0.2	1.56	36	440	0.5	< 2	0.34	0.5	26	15	42	3.92	< 10	< 1	0.17	< 10	0.38	4760	2
286	201	202	< 0.2	0.17	2	40	< 0.5	< 2	0.86	< 0.5	< 1	1	5	0.24	< 10	< 1	0.03	< 10	0.04	80	< 1
292	201	202	0.6	1.86	10	210	0.5	< 2	0.19	0.5	27	20	29	4.21	10	< 1	0.13	< 10	0.34	2170	2

CERTIFICATION:

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Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN:DAVID KENNEDY CC:D.MOLLOY

Number : 2-B
Samples : 2
Certificate Date: 22-OCT-96
Invoice No. : 19636018
P.O. Number :
Account : KIV

CERTIFICATE OF ANALYSIS A9636018

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
F 174	201	202	< 0.01	51	1580	16	2	5	53	0.05	< 10	< 10	92	< 10	334
F 176	201	202	< 0.01	28	780	12	< 2	3	36	0.06	< 10	< 10	107	< 10	174
F 178	201	202	< 0.01	40	1200	8	2	5	13	0.03	< 10	< 10	91	< 10	280
F 180	201	202	< 0.01	40	460	12	2	6	19	0.04	< 10	< 10	81	< 10	174
F 182	201	202	< 0.01	14	560	4	< 2	1	31	0.05	< 10	< 10	69	< 10	64
F 184	201	202	< 0.01	44	1700	16	2	5	32	0.04	< 10	< 10	84	< 10	336
F 186	201	202	< 0.01	36	1340	12	2	6	21	0.05	< 10	< 10	116	< 10	314
F 192	201	202	< 0.01	39	3760	12	2	5	29	< 0.01	< 10	< 10	58	< 10	196
F 194	201	202	< 0.01	32	2590	18	2	3	50	0.06	< 10	< 10	66	< 10	328
F 196	201	202	< 0.01	31	1910	14	2	4	20	0.03	< 10	< 10	63	< 10	248
F 198	201	202	< 0.01	37	1850	12	2	5	27	0.01	< 10	< 10	64	< 10	374
F 230	201	202	< 0.01	29	2260	6	2	5	11	0.03	< 10	< 10	101	< 10	188
F 232	201	202	< 0.01	20	1780	14	< 2	5	16	0.01	< 10	< 10	68	< 10	144
F 234	201	202	< 0.01	30	1590	10	2	4	26	0.08	< 10	< 10	82	< 10	426
F 236	201	202	< 0.01	28	1840	10	2	4	22	0.04	< 10	< 10	78	< 10	362
F 238	201	202	< 0.01	43	1270	8	2	6	13	0.04	< 10	< 10	100	< 10	360
F 240	201	202	< 0.01	45	1750	12	2	6	22	0.04	< 10	< 10	86	< 10	204
F 242	201	202	< 0.01	42	1260	10	2	6	24	0.04	< 10	< 10	81	< 10	172
F 244	201	202	< 0.01	53	1050	10	4	4	8	0.02	< 10	< 10	51	< 10	182
F 246	201	202	< 0.01	32	1310	14	< 2	1	8	0.01	< 10	< 10	58	< 10	300
F 248	201	202	< 0.01	24	4620	10	2	3	28	0.05	< 10	< 10	77	< 10	106
F 250	201	202	< 0.01	20	2140	10	2	3	7	0.03	< 10	< 10	67	< 10	260
F 252	201	202	< 0.01	69	770	8	2	5	12	0.03	< 10	< 10	57	< 10	190
F 254	201	202	< 0.01	57	1990	10	2	4	9	0.06	< 10	< 10	58	< 10	188
F 256	201	202	< 0.01	54	910	10	2	4	9	0.05	< 10	< 10	56	< 10	160
F 258	201	202	< 0.01	19	820	10	2	4	6	0.05	< 10	< 10	80	< 10	102
F 268	201	202	< 0.01	31	1000	10	2	1	22	0.01	< 10	< 10	62	< 10	154
F 270	201	202	< 0.01	21	1620	8	2	1	54	0.06	< 10	< 10	51	< 10	314
F 272	201	202	< 0.01	32	2210	8	2	4	9	0.01	< 10	< 10	61	< 10	136
F 274	201	202	< 0.01	79	1660	12	2	6	15	0.01	< 10	< 10	60	< 10	294
F 276	201	202	< 0.01	37	980	8	2	1	12	0.01	< 10	< 10	40	< 10	112
F 278	201	202	< 0.01	7	220	6	< 2	1	22	0.05	< 10	< 10	18	< 10	40
F 280	201	202	< 0.01	100	1590	12	2	6	12	< 0.01	< 10	< 10	60	< 10	296
F 282	201	202	< 0.01	27	1110	8	2	3	27	0.05	< 10	< 10	56	< 10	458
F 284	201	202	< 0.01	38	950	10	2	4	23	0.01	< 10	< 10	55	< 10	224
F 286	201	202	< 0.01	2	730	< 2	< 2	< 1	27	0.02	< 10	< 10	4	< 10	28
F 292	201	202	< 0.01	28	2990	10	2	4	17	0.02	< 10	< 10	71	< 10	416

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Analytical Chemists * Geochemists * Registered Assayers

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

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN:DAVID KENNEDY

Page Number :2-A
Total Pages :2
Certificate Date: 19-SEP-96
Invoice No. :I9631624
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9631624

SAMPLE	PREP CODE		Au ppb RUSH	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
IF 41	241	202	< 5	0.2	2.93	10	100	< 0.5	< 2	0.19	0.5	12	24	38	4.92	10	< 1	0.06	< 10	0.81	1230
FS 101	241	202	< 5	0.6	2.16	12	270	0.5	< 2	0.82	1.5	18	29	40	2.72	< 10	< 1	0.09	< 10	0.39	3240
FS 102	241	202	< 5	0.2	1.82	16	140	0.5	< 2	0.18	0.5	18	34	44	3.61	< 10	< 1	0.08	< 10	0.57	1360
FS 103	241	202	< 5	0.2	1.61	18	140	< 0.5	< 2	0.22	0.5	19	31	40	3.77	< 10	< 1	0.07	< 10	0.51	3980
FS 104	241	202	< 5	0.2	1.87	16	220	0.5	< 2	0.39	0.5	21	32	31	3.54	< 10	< 1	0.07	< 10	0.51	1980
FS 105	241	202	< 5	< 0.2	1.48	20	150	0.5	< 2	0.31	< 0.5	20	42	49	4.12	< 10	< 1	0.09	< 10	0.68	1250
FS 106	241	202	< 5	< 0.2	2.40	12	220	< 0.5	< 2	1.13	< 0.5	14	43	59	3.75	< 10	< 1	0.10	< 10	1.45	725
F 500	241	202	< 5	0.4	2.08	18	100	0.5	< 2	0.06	< 0.5	16	37	48	4.42	< 10	< 1	0.08	< 10	0.49	950
F 501	241	202	< 5	0.6	2.85	20	100	< 0.5	< 2	0.07	< 0.5	10	44	44	5.30	< 10	< 1	0.07	< 10	0.40	690
F 502	241	202	< 5	0.6	2.82	20	120	< 0.5	< 2	0.12	< 0.5	11	39	46	4.81	< 10	< 1	0.06	< 10	0.45	720
F 503	241	202	< 5	0.4	1.90	24	170	< 0.5	< 2	0.12	0.5	12	31	52	4.51	< 10	< 1	0.07	< 10	0.31	1515
F 504	241	202	< 5	0.4	2.35	24	100	0.5	< 2	0.08	< 0.5	18	37	62	4.62	< 10	< 1	0.07	< 10	0.57	1210
F 505	241	202	< 5	0.6	2.63	22	80	< 0.5	< 2	0.10	< 0.5	19	39	58	4.79	< 10	< 1	0.06	< 10	0.50	1415
F 506	241	202	< 5	0.6	2.34	16	120	< 0.5	< 2	0.11	< 0.5	13	37	42	4.34	< 10	< 1	0.07	< 10	0.51	1095

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49 NORMANDALE RD.
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L3R 4J8

Project :
Comments:

P[illegible]er :1-A
T[illegible]s :1
C[illegible] Date: 20-OCT-96
Invoice No. :I9632406
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9632406

SAMPLE	PREP CODE		Al ppm	Sb NAA ppm	As NAA ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Ca ppm	Cr ppm	Co ppm	Cu ppm	Ga ppm	Au NAA ppb	Fe ppm	La NAA ppm	Pb ppm	Mg ppm	Mn ppm	Hg ppm
FB 1	210	237	700	0.11	0.3	5	< 0.20	< 1.00	< 0.20	4700	0.5	< 0.50	4.0	< 5	< 0.4	50	0.3	< 0.50	1000	620	< 1
FB 2	210	237	650	< 0.05	< 0.1	15	< 0.20	< 1.00	0.20	4900	0.5	< 0.50	3.5	< 5	< 0.1	50	< 0.1	< 0.50	950	1610	< 1
FB 3	210	237	250	< 0.05	< 0.1	5	< 0.20	< 1.00	< 0.20	3600	0.5	< 0.50	3.0	< 5	< 0.1	50	< 0.1	< 0.50	900	740	< 1
FB 4	210	237	600	< 0.05	< 0.1	15	< 0.20	< 1.00	0.40	5400	1.0	< 0.50	3.0	< 5	0.3	50	< 0.1	< 0.50	950	3800	< 1
FB 5	210	237	100	< 0.05	< 0.1	65	< 0.20	< 1.00	< 0.20	4400	0.5	< 0.50	3.0	< 5	0.4	< 50	< 0.1	< 0.50	700	1010	< 1
FB 6	210	237	< 50	< 0.05	< 0.1	30	< 0.20	< 1.00	< 0.20	2900	0.5	< 0.50	2.5	< 5	< 0.2	< 50	< 0.1	< 0.50	600	300	< 1
FB 7	210	237	< 50	< 0.05	< 0.1	230	< 0.20	< 1.00	< 0.20	8400	0.5	< 0.50	2.5	< 5	< 0.2	< 50	< 0.1	< 0.50	800	330	< 1
FB 8	210	237	< 50	< 0.05	< 0.1	65	< 0.20	< 1.00	< 0.20	5100	0.5	< 0.50	3.0	< 5	< 0.2	< 50	< 0.1	< 0.50	750	230	< 1
FB 9	210	237	200	< 0.05	< 0.1	70	< 0.20	< 1.00	0.20	5800	0.5	< 0.50	3.0	< 5	< 0.2	< 50	< 0.1	< 0.50	850	720	< 1
FB 10	210	237	200	< 0.05	< 0.1	130	< 0.20	< 1.00	0.80	9300	0.5	< 0.50	2.5	< 5	< 0.2	< 50	< 0.1	< 0.50	900	1090	< 1

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49 NORMANDALE RD.
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L3R 4J8

Project :
Comments:

P[illegible]ber :1-B
To[illegible]s :1
Certificate Date: 20-OCT-96
Invoice No. :I9632406
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9632406

SAMPLE	PREP CODE		Mo ppm	Ni ppm	P ppm	K ppm	Sc ppm	Ag ppm	Na ppm	Sr ppm	Tl ppm	Ti ppm	W NAA ppm	U ppm	V ppm	Zn ppm
FB 1	210	237	0.50	4.0	1365	3700	< 2	< 0.10	50	9.5	< 5	< 50	0.1	< 5	< 0.5	17.5
FB 2	210	237	< 0.50	2.0	2150	5300	< 2	0.10	50	10.0	< 5	< 50	< 0.1	< 5	< 0.5	31
FB 3	210	237	< 0.50	1.00	1405	4500	< 2	< 0.10	50	7.0	< 5	< 50	< 0.1	< 5	< 0.5	24
FB 4	210	237	< 0.50	2.5	1740	3900	< 2	0.30	50	7.5	< 5	< 50	< 0.1	< 5	< 0.5	22
FB 5	210	237	0.50	2.0	1930	6600	< 2	0.10	< 50	8.0	< 5	< 50	< 0.1	< 5	< 0.5	31
FB 6	210	237	< 0.50	2.0	1430	5300	< 2	< 0.10	< 50	15.0	< 5	< 50	< 0.1	< 5	< 0.5	27
FB 7	210	237	0.50	1.50	1225	6500	< 2	< 0.10	50	43	< 5	< 50	< 0.1	< 5	< 0.5	38
FB 8	210	237	0.50	2.0	1250	5700	< 2	< 0.10	50	30	< 5	< 50	< 0.1	< 5	< 0.5	32
FB 9	210	237	0.50	2.0	1385	4600	< 2	0.10	50	28	< 5	< 50	0.1	< 5	< 0.5	41
FB 10	210	237	0.50	2.0	1330	4300	< 2	< 0.10	< 50	34	< 5	< 50	0.1	< 5	< 0.5	63

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5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

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L3R 4J8

Project :
Comments: ATTN:DAVID KENNEDY

Page Number :1
Total Pages :1
Certificate Date: 12-SEP-96
Invoice No. :I9632030
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9632030

SAMPLE	PREP CODE	Au FA mg/L
W-1	221 --	< 0.01
W-2	221 --	< 0.01
W-3	221 --	< 0.01
W-4	221 --	< 0.01

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

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L3R 4J8

Project :
Comments: ATTN: DAVID KENNEDY

Page Number :1
Total Pages :1
Certificate Date: 10-SEP-96
Invoice No. :I9631636
P.O. Number :
Account :KIV

CERTIFICATE OF ANALYSIS A9631636

PARAMETER DESCRIPTIONS	SAMPLE W-1	SAMPLE W-2	SAMPLE W-3	SAMPLE W-4						
Sample preparation code	221	221	221	221						
Sample preparation code	---	---	---	---						
pH	7.3	7.7	7.6	7.6						

CERTIFICATION:

PROVINCE OF
BRITISH COLUMBIA

MINISTRY OF
ENERGY, MINES AND
PETROLEUM RESOURCES

MINERAL TITLES REFERENCE

MAP 104A12E

U.T.M. ZONE 9

LAST MAP UPDATE: 1996 FEB 29

ORIGINAL PRODUCED AT 1:31680

METRES
500 0 500 1000 1500 2000

ADMINISTRATIVE AREAS

MINING DIVISIONS: SKEENA

LAND DISTRICTS:

ALIENATIONS

NO STAKING AREAS

NO STAKING RESERVES
PARKS
ECOLOGICAL RESERVES
RECREATION AREAS
INDIAN RESERVES

CONDITIONAL AREAS

SUBJECT TO CONDITIONS RESERVES

SECTION 19 RECREATION AREAS

I POST CLAIM AREAS

AREAS SUBJECT TO
URANIUM / THORIUM
REGULATIONS

MINERAL TENURE

MINERAL CLAIM	
MINERAL LEASE	
INDUSTRIAL MINERAL CLAIM	
CLAIM NAME	EXAMPLE
TITLE NUMBER	345679
OLD TITLE NUMBER	*3456*
TAG NUMBER	100000
LEGAL POST	⊙
WITNESS POST	⊙
FORFEITED TENURE	C
VERIFIED	V&R
SURVEYED	SUR
REVERTED C.G. MINERAL CLAIM	REV CG OR RCG
CROWN GRANTED	C G
OPEN FOR STAKING	O.F.S.

UNIT 1640.42 ft 25 ha 61.78 ac 500 m
2 POST CLAIM 1640.42 ft 25 ha 61.78 ac 500 m
OLD 2 POST CLAIM 1200 ft 20.90 ha 51.65 ac 457.2 m

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

104A13W	104A13E	104A14W
104A12W	104A12E	104A11W
104A05W	104A05E	104A06W

INDEX TO ADJOINING MAPS

104A12E
MAP 1A

104A/11W

21,967

PROVINCE OF
BRITISH COLUMBIA

MINISTRY OF
ENERGY, MINES AND
PETROLEUM RESOURCES

MINERAL TITLES REFERENCE

MAP 104AIIW

U.T.M. ZONE 9

LAST MAP UPDATE: 1996 FEB 13

ORIGINAL PRODUCED AT 1:31680

METRES
500 0 500 1000 1500 2000

ADMINISTRATIVE AREAS

MINING DIVISIONS: SKEENA

LAND DISTRICTS:

ALIENATIONS

NO STAKING AREAS

NO STAKING RESERVES
PARKS
ECOLOGICAL RESERVES
RECREATION AREAS
INDIAN RESERVES

CONDITIONAL AREAS

SUBJECT TO CONDITIONS RESERVES

SECTION 19 RECREATION AREAS

I POST CLAIM AREAS

AREAS SUBJECT TO
URANIUM / THORIUM
REGULATIONS

MINERAL TENURE

MINERAL CLAIM	
MINERAL LEASE	
INDUSTRIAL MINERAL CLAIM	
CLAIM NAME	EXAMPLE
TITLE NUMBER	345679
OLD TITLE NUMBER	*3456*
TAG NUMBER	100000
LEGAL POST	
WITNESS POST	
FORFEITED TENURE	
VERIFIED	V&R
SURVEYED	SUR
REVERTED C.G. MINERAL CLAIM	REV CG OR RCG
CROWN GRANTED	C G
OPEN FOR STAKING	O.F.S.

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

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

104A13E	104A14W	104A14E
104A12E	104A11W	104A11E
104A05E	104A06W	104A06E

INDEX TO ADJOINING MAPS

104AIIW
MAP 1B

MAP 2:

TOPOGRAPHIC MAP:

DELTA WEST PROJECT AREA

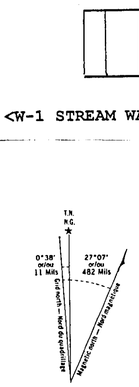
<W-1 STREAM WATER SAMPLE

STREAM WATER ANALYTICAL RESULTS:

SAMPLE NO.:	AU (MG/L)	PH
W-1	<0.01	7.3
W-2	<0.01	7.7
W-3	<0.01	7.6
W-4	<0.01	7.6

DELTA WEST PROJECT AREA

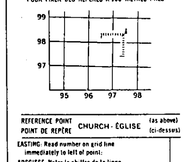
<W-1 <W-2 <W-3 <W-4



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

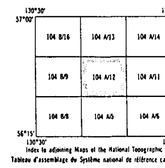
GRID ZONE DESIGNATION / DÉSIGNATION DE LA ZONE OU QUADRILLAGE:	100 000 m SQUARE IDENTIFICATION / IDENTIFICATION DU CARRÉ DE 100 000 m
9 V	VN

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
GRID REFERENCE: / RÉFÉRENCE AU QUADRILLAGE:		984 / 975984

Nearest similar grid reference 100 000 metres
La référence similaire la plus près est à 100 000 mètres



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Roads: / Routes:

	2 lanes or more / 2 voies ou plus	less than 2 lanes / moins de 2 voies
loose or stabilized surface, all weather ... gravier, agglomiré, toute saison ...		
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 ...		

FOR COMPLETE REFERENCE SEE REVERSE SIDE — POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

DELTA PEAK

CASSIAR LAND DISTRICT

BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Scale 1:50 000 Échelle

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

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
Metres 30 20 10 0 50 100 150 200 250 300 Metres
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

ÉCHELLE DE CONVERSION DES ALTITUDES

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.

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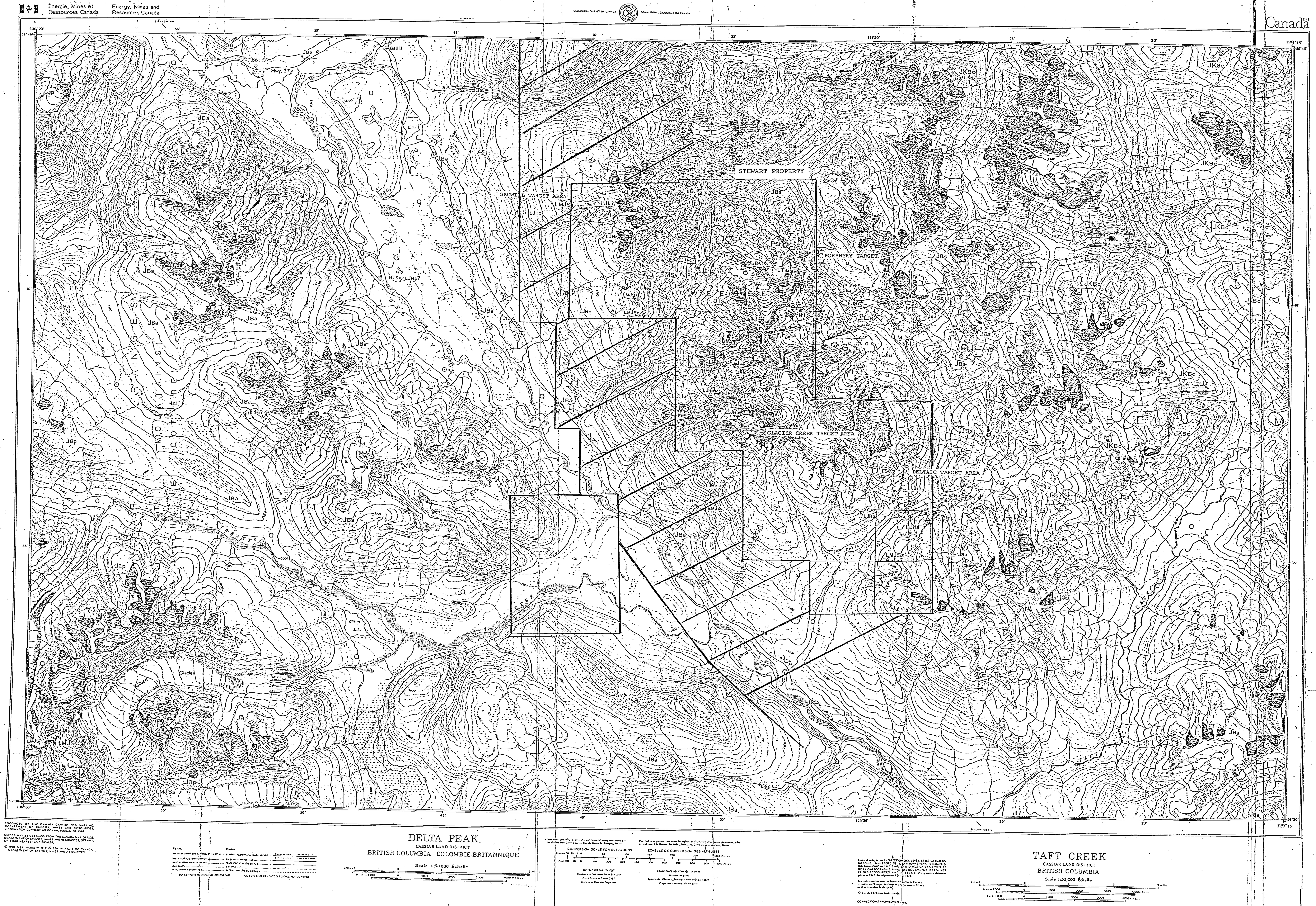
DELTA PEAK
104 A/12
EDITION 2 ÉDITION

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



GEOLOGY OF OWEEGEE DOME

DELTA PEAK (104A/12) AND TAFT CREEK (104A/11W) MAP AREAS, NORTHWESTERN BRITISH COLUMBIA

C.J. GREIG and C.A. EVENCHICK
(with contributions by M.H.Gunning, B.D.Ricketts and S.P.Porter)

Scale 1:50,000

LEGEND

QUATERNARY

- **Q** thick drift: colluvium, alluvium, till.

STRATIFIED ROCKS

MIDDLE(?) AND UPPER JURASSIC TO LOWER CRETACEOUS(?)

BOWSER LAKE GROUP

- **JKBc** chert litharenite lithofacies: fine to medium grained, moderately well sorted chert litharenite, interrbedded silty mudstone, common bivalve coquinas, rare chert pebble conglomerate.

MIDDLE(?) AND UPPER JURASSIC

BOWSER LAKE GROUP

- **JBs** silty mudstone lithofacies: bioturbated silty mudstone with regularly interbedded, buff weathering, Fe-carbonate cemented fine grained sandstone.
- **JBa** arkosic volcanic litharenite turbidite lithofacies; thin and medium bedded, fine to medium grained, poorly sorted arkosic litharenite with interbedded silty mudstone.
- **JBp** pyritic silty mudstone lithofacies; pyritic, siliceous, tuffaceous silty mudstone, fine to medium grained lithic arkose.

LOWER AND MIDDLE JURASSIC

HAZELTON GROUP
SALMON RIVER FORMATION

- **LMJSs** thin bedded siliceous silty mudstone, clay-altered dust tuff(?), discontinuous limestone lenses.
- **LMJSb** amygdaloidal pillow basalt, basalt pillow breccia, tuff-breccia and debris flow breccia.
- **LMJSr** rhyodacite lapilli tuff-breccia; locally welded.
- **LMJS** fossiliferous limy, coarse grained arkosa; polymict pebble, boulder and cobble conglomerate.
- **LMJSp** pyritic silty shale and mudstone.
- **LMJS** undivided Spatsizi Group

LOWER JURASSIC

HAZELTON GROUP

- **LJHr** felsic lapilli tuff-breccia, ash and dust tuff. Dillworth
- **LJHc** boulder and cobble conglomerate, pebbly sandstone; well-stratified, green and maroon ash, lapilli and dust tuff, tuffaceous arkose and mudstone.
- **LJHv** intermediate to mafic plagioclase-pyroxene and subordinate plagioclase-hornblende phyric lapilli tuff-breccia, lapilli, ash and dust tuff, flows; derived debris flows, arkose and siltstone.
- **LJHa** thick bedded and massive tuffaceous arkose and siltstone with abundant syn-depositional soft-sediment deformation structures; mafic to intermediate fragmental volcanic rocks and associated debris flows.

UPPER TRIASSIC

STUHINI GROUP

- **UTSa** plagioclase-pyroxene crystal tuff turbidite arkose and siltstone, plagioclase-pyroxene phyric mafic to intermediate lapilli and ash tuff, tuff-breccia and rare flows; minor limestone lenses.

PALEOZOIC

STIKINE ASSEMBLAGE

PERMIAN

- **PSl** medium and thick bedded to massive bioclastic limestone with chert interlayers; thin-bedded micrite.

DEVONIAN AND MISSISSIPPIAN

- **DMSv** mafic to intermediate plagioclase-pyroxene phyric lapilli tuff, lapilli tuff-breccia, and flows; plagioclase phyric amygdaloidal andesite(?) flows; rhyolite and rhyodacite lapilli tuff-breccia.

INTRUSIVE ROCKS

MIDDLE JURASSIC OR YOUNGER

- **MJi** pyroxene diorite sills.

MAP SYMBOLS

- Limit of thick Quaternary drift.
- Geologic contact: defined, approximate, inferred.
- Thrust or reverse fault, defined, approximate, inferred; teeth on upthrown side.
- High angle fault, defined, approximate, inferred; ball on downthrown side.
- Bedding: inclined, vertical, overturned; estimated: vg=very gentle(<10°), g=gentle (10°-30°), m=moderate(30°-50°), s=steep(50°-70°), vs=very steep(>70°).
- Bedding formlines.
- Cleavage: inclined, vertical.
- Minor fold axis, plunge.
- Anticline, overturned anticline, trace of axial surface: defined, approximate; arrow indicates vergence direction.
- Syncline, overturned syncline, trace of axial surface: defined, approximate; arrow indicates vergence direction.

MAP 3

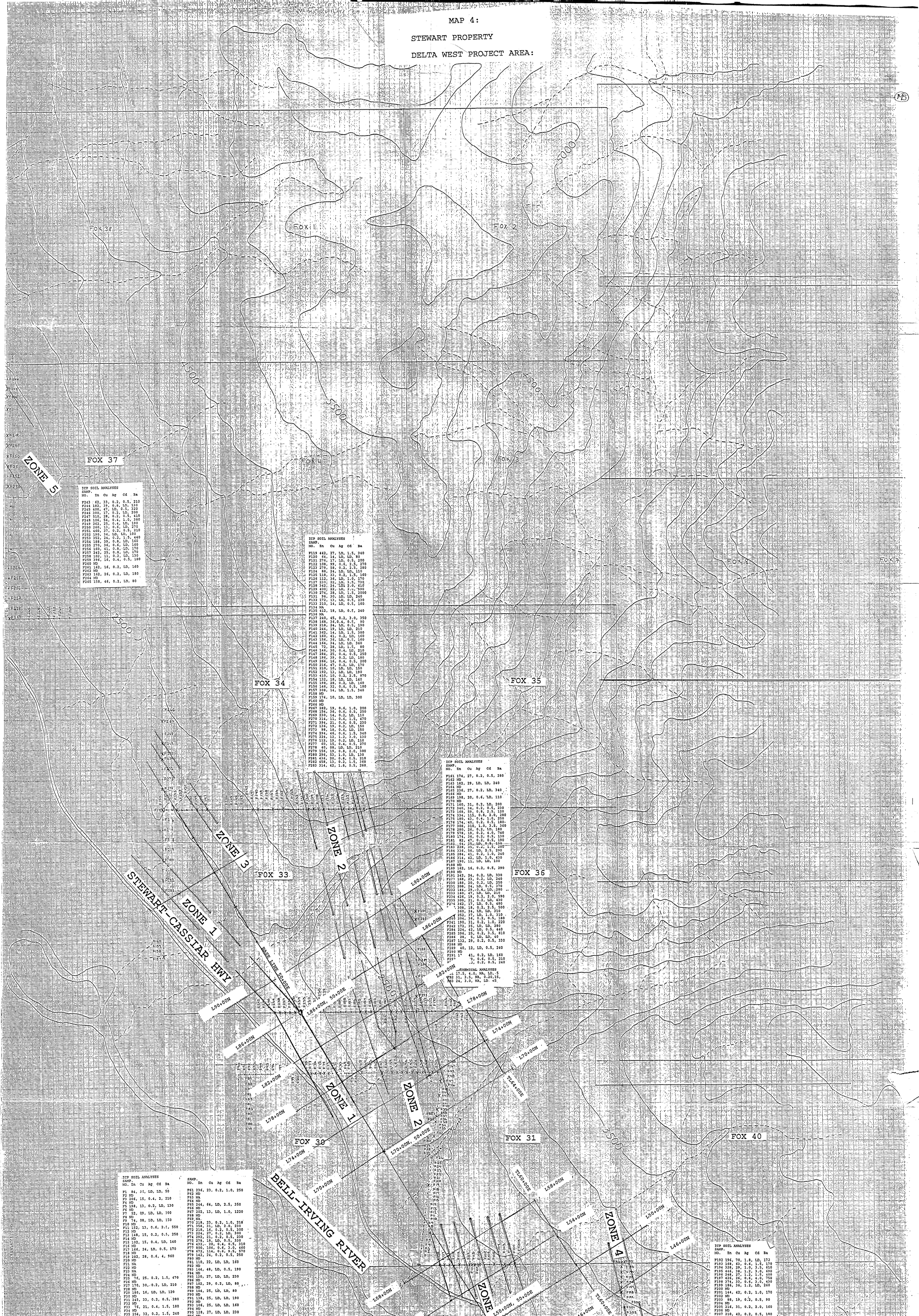
GEOLOGY - GENERAL PROJECT AREA

PROJECT AREA

MAP 4:

STEWART PROPERTY

DELTA WEST PROJECT AREA:



ICP SOIL ANALYSES
SAMP.
NO. Zn Cu Ag Cd Ba

F243 62, 33, 0.2, 0.5, 210
F244 182, 39, 0.8, LD, 130
F245 400, 47, LD, 0.5, 320
F246 300, 17, 0.2, LD, 200
F247 510, 28, 0.2, 0.5, 410
F248 106, 54, 0.4, 1.0, 380
F249 262, 25, 0.4, LD, 190
F250 260, 13, 0.6, LD, 270
F251 460, 37, 0.2, 0.5, 210
F252 190, 34, LD, LD, 100
F253 352, 24, 0.2, 1.5, 440
F254 188, 39, 0.8, LD, 160
F255 270, 36, 0.6, LD, 160
F256 160, 41, 0.8, LD, 170
F257 242, 25, 0.8, LD, 170
F258 102, 11, 0.2, LD, 130
F259 396, 16, 0.4, 0.5, 180
F260 ND
F261 162, 16, 0.2, LD, 160
F262 ND
F263 162, 26, 0.2, LD, 180
F264 ND
F265 158, 46, 0.2, LD, 80

ICP SOIL ANALYSES
SAMP.
NO. Zn Cu Ag Cd Ba

F119 442, 27, LD, 1.5, 240
F120 64, 14, LD, LD, 80
F121 276, 17, LD, 0.5, 200
F122 108, 99, 0.6, 2.5, 270
F123 278, 58, 0.2, 2.5, 280
F124 88, 23, LD, LD, 110
F125 118, 33, 0.2, 1.5, 160
F126 112, 36, LD, 1.0, 170
F127 220, 22, LD, 1.5, 730
F128 342, 24, LD1 2.0, 610
F129 400, 22, LD, 3.0, 990
F130 274, 28, LD, 1.5, 2000
F131 96, 30, LD, LD, 240
F132 172, 13, LD, 0.5, 230
F133 210, 14, LD, 0.5, 160
F134 NA
F135 412, 18, LD, 0.5, 240
F136 NA
F137 240, 45, 0.2, 3.0, 350
F138 168, 36, 0.4, 0.5, 90
F139 218, 24, LD, 0.5, 190
F140 244, 19, LD, LD, 210
F141 362, 24, LD, 1.5, 380
F142 160, 41, 0.2, LD, 160
F143 156, 36, LD, 0.5, 160
F144 164, 34, LD, LD, 360
F145 72, 28, LD, 1.5, 80
F146 146, 30, 0.4, LD, 210
F147 284, 25, 0.4, 0.5, 250
F148 196, 19, 0.2, LD, 180
F149 266, 16, 0.4, 0.5, 200
F150 216, 47, 0.2, LD, 170
F151 210, 10, LD, LD, 150
F152 192, 13, LD, LD, 190
F153 410, 10, 0.2, 2.5, 870
F154 132, 18, LD, LD, 140
F155 198, 28, 0.2, LD, 160
F156 146, 32, 0.6, 0.5, 180
F157 308, 14, LD, 1.5, 340
F158 ND
F159 174, 10, LD, LD, 300
F160 ND
F266 ND
F267 282, 19, 0.6, 1.0, 290
F268 154, 36, 0.6, 0.5, 250
F269 230, 14, 0.2, LD, 110
F270 314, 11, 0.6, 1.5, 470
F271 394, 14, 0.4, 0.5, 220
F272 136, 19, 0.2, LD, 150
F273 98, 18, 0.6, LD, 150
F274 294, 46, 0.6, 1.5, 340
F275 224, 12, 0.2, 3.0, 130
F276 112, 19, 0.2, LD, 110
F277 60, 15, 0.4, 0.5, 270
F278 48, 08, LD, LD, 210
F279 156, 19, 0.8, 2.0, 300
F280 296, 53, 1.0, LD, 130
F281 436, 20, 0.8, 0.5, 230
F282 458, 23, 0.2, 1.5, 360
F283 314, 42, 1.8, 0.5, 260

ICP SOIL ANALYSES
SAMP.
NO. Zn Cu Ag Cd Ba

F161 174, 27, 0.2, 0.5, 280
F162 ND
F163 182, 29, LD, LD, 240
F164 ND
F165 236, 27, 0.2, LD, 340
F166 ND
F169 198, 20, 0.6, LD, 110
F170 ND
F171 160, 31, 0.2, LD, 200
F172 140, 34, 0.2, 0.5, 230
F173 168, 59, 0.8, 2.5, 120
F174 334, 115, 0.8, 2.0, 280
F175 180, 43, 0.4, 1.5, 250
F176 174, 40, 0.2, 0.5, 180
F177 308, 310, 1.0, 3.5, 360
F178 280, 26, 0.2, LD, 180
F179 578, 19, 0.2, 1.5, 740
F180 174, 36, 0.2, 0.5, 130
F181 82, 47, 0.2, 0.5, 190
F182 64, 25, LD, 0.5, 130
F183 228, 35, 0.4, 1.5, 280
F184 336, 56, LD, 2.5, 290
F185 284, 41, 0.2, 1.0, 240
F186 314, 42, LD, 1.0, 430
F187 190, 11, LD, LD, 100
F188 ND
F189 162, 16, 0.2, 0.5, 290
F190 ND
F191 242, 24, 0.2, LD, 330
F227 168, 23, 0.2, LD, 340
F230 188, 20, 0.2, LD, 250
F231 208, 24, LD, 0.5, 370
F232 144, 29, 0.4, LD, 280
F233 160, 47, LD, LD, 210
F234 426, 19, 0.2, 2.0, 590
F235 300, 21, 0.2, LD, 430
F236 362, 17, LD, 0.5, 480
[illegible] 308, 18, 0.2, 2.5, 500
[illegible] 360, 24, LD, LD, 310
[illegible] 252, 37, LD, 1.0, 310
[illegible] 204, 36, 0.2, 0.5, 180
F241 190, 31, 0.2, 1.0, 220
F242 172, 35, LD, LD, 280
F284 224, 42, LD, 0.5, 440
F285 396, 25, 0.2, 3.5, 810
F286 26, 5, LD, LD, 40
F287 132, 29, 0.2, 0.5, 330
F288 ND
F289 40, 12, LD, 0.5, 240
F290 ND
F291 [illegible] 41, 0.2, LD, 160
F295 [illegible] 9, 0.6, 0.5, 210
[illegible] [illegible] 3, 0.2, 0.5, 240

BIOGEOCHEMICAL ANALYSES
FB1 17.5, 4.0, NA, LD, 5
FB2 31, 3.5, NA, 0.20,15,
FB3 24, 3.0, NA, LD, <5

ICP SOIL ANALYSES
SAMP.
NO. Zn Cu Ag Cd Ba

F1 84, 35, LD, LD, 50
F2 ND
F3 206, 15, 0.4, 2, 210
F4 ND
F5 198, 13, 0.2, LD, 130
F6 ND
F7 52, 09, LD, LD, 100
F8 ND
F9 74, 08, LD, LD, 150
F10 ND
F11 152, 13, 0.6, 2.5, 550
F12 ND
F13 148, 15, 0.2, 0.5, 250
F14 ND
F15 102, 15, 0.4, LD, 140
F16 ND
F17 166, 24, LD, 0.5, 170
F18 ND
F19 282, 28, 0.6, 4, 960
F20 ND
F21 NA
F22 ND
F23 NA
F24 ND
F25 76, 25, 0.2, 1.5, 470
F26 NA
F27 170, 30, 0.2, LD, 210
F28 ND
F29 180, 16, LD, LD, 120
F30 ND
F31 242, 33, 0.2, 0.5, 280
F32 ND
F33 76, 21, 0.4, 1.5, 180
F34 ND
F35 254, 32, 0.2, 1.5, 240
F36 ND
F37 212, 36, 0.4, LD, 190
F38 ND
F39 230, 43, 0.4, 0.5, 210
F40 ND
F41 68, 34, 0.8, LD, 120
F42 ND
F43 342, 46, 0.6, 3.0, 850
F44 ND
F45 126, 27, 0.4, 1.0, 230
F46 ND
F47 238, 16, 0.2, 0.5, 250
F48 ND
F49 176, 14, 0.2, LD, 180
F50 262, 16, 0.2, 0.5, 250
F51 378, 18, LD, LD, 160
F52 152, 33, 0.2, LD, 160
F53 334, 18, 0.2, 2, 610
F54 406, 35, 0.2, 2.0, 610
F55 346, 25, 0.2, 0.5, 260
F56 496, 18, 0.2, 3.0, 390
F57 244, 15, LD, 0.5, 190
F58 312, 25, 0.2, LD, 270
F59 286, 36, 0.2, 0.5, 260
F60 182, 30, 0.2, 1.0, 220

ICP SOIL ANALYSES
SAMP.
NO. Zn Cu Ag Cd Ba

F61 236, 23, 0.2, 1.0, 250
F62 ND
F63 NA
F64 ND
F65 244, 64, LD, 2.5, 350
F66 ND
F67 202, 13, LD, 1.0, 1220
F68 ND
F69 NA
F70 218, 23, 0.2, 1.0, 218
F71 358, 31, LD, 2.0, 230
F72 218, 16, 0.2, 0.5, 300
F73 224, 27, 0.2, LD, 300
F74 292, 21, 0.2, 0.5, 230
F75 278, 18, LD, 0.5, 330
F76 432, 20, 0.4, 0.5, 310
F77 800, 106, 0.6, 3.0, 460
F78 672, 114, 0.6, 9.5, 570
F79 142, 24, 0.2, 0.5, 250
F80 ND
F81 110, 22, LD, LD, 160
F82 ND
F83 144, 48, LD, 0.5, 190
F84 ND
F85 120, 27, LD, LD, 230
F86 ND
F87 102, 29, 0.2, LD, 80
F88 ND
F89 104, 25, LD, LD, 80
F90 ND
F91 138, 25, LD, LD, 190
F92 ND
F93 106, 25, LD, LD, 160
F94 ND
F95 128, 27, LD, LD, 230
F96 ND
F97 160, 27, LD, 0.5, 220
F98 ND
F99 194, 66, LD, 1.0, 210
F100 ND
F101 424, 19, LD, 0.5, 270
F102 300, 33, LD, LD, 180
F103 270, 28, LD, 0.5, 320
F104 198, 30, LD, LD, 200
F105 360, 18, 0.4, 0.5, 280
F106 198, 43, 0.2, 0.5, 210
F107 180, 41, LD, 0.5, 250
F108 160, 77, 0.2, LD, 160
F109 [illegible] 22, LD, 0.5, 250
F110 [illegible] 34, 0.2, 0.5, 340
F111 278, 34, 0.2, 0.5, 340
F112 394, 25, 0.4, 0.5, 290
F113 164, 11, LD, 0.5, 250
F114 242, 16, 0.2, LD, 160
F115 216, 18, 0.2, 0.5, 220
F116 250, 23, 0.4, LD, 180
F117 280, 14, LD, 0.5, 140
F118 264, 19, 0.2, 0.5, 190
F167 NA
F168 ND

BIOGEOCHEMICAL ANALYSES
SAMP.
NO. Zn Cu Ag Cd Ba

FB4 22, 3.0, NA, 0.40, 15
FB5 31, 3.0, NA, LD, 65

ICP SOIL ANALYSES
SAMP.
NO. Zn Cu Ag Cd Ba

F192 196, 70, 1.8, LD, 170
F193 168, 63, 0.6, 1.5, 170
F194 328, 29, 1.0, 3.5, 610
F195 446, 38, 1.2, 3.0, 690
F196 248, 27, 1.2, 1.5, 400
F197 426, 26, 0.6, 4.0, 750
F198 374, 33, 0.6, 3.0, 430
F199 186, 36, 1.2, LD, 260
F200 ND
F201 144, 42, 0.2, 1.0, 170
F202 ND
F203 88, 19, 0.2, 0.5, 90
F204 ND
F205 216, 31, 0.2, 2.0, 160
F206 ND
F207 210, 42, 0.2, 0.5, 180
F208 ND
F209 206, 27, 0.4, 2.0, 340
F210 ND
F211 194, 38, 0.4, 4.0, 280
F212 ND
F213 118, 25, 0.2, LD, 80
F214 ND
F215 174, 52, 0.2, LD, 160
F216 ND
F217 192, 27, 0.2, 0.5, 230
F218 ND
F219 228, 49, 0.6, 0.5, 160
F220 ND
F221 [illegible] 30, 0.2, 0.5, 320
[illegible] [illegible], LD, LD, 80
F224 NA
F225 260, 47, 0.8, 2.0, 240
F226 ND
F227 250, 52, 0.6, 2.0, 180
F228 ND

BIOGEOCHEMICAL ANALYSES
FB6 27, 2.5, NA, LD, 30
FB7 38, 2.5, NA, LD, 230
FB8 32, 3.0, NA, LD, 65
FB9 41, 3.0, NA, 0.20, 70
FB10 63, 2.5, NA, 0.80, 130

MAP 4:

DELTA WEST PROJECT AREA:

PROPOSED GRID:

GEOCHEMICAL SURVEY

F13 soil sample number and location

FB10 biogeochemcial sample location ar number

F13 800, 106, 0.6, 3.0, 460 Zn, Cu, Ag, Cd, Ba (ppm)

X interpreted anomalous sample location

ZONE 1 interpreted anomalous zinc zon

traverse line

claim line

claim post

creek

Stewart-Cassiar Highway

contour lines (interval 500 feet)

SCALE: 1:10000

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,967