BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1996/1997
REPORT #:	PAP 96-27
NAME:	DAVID MOLLOY

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.

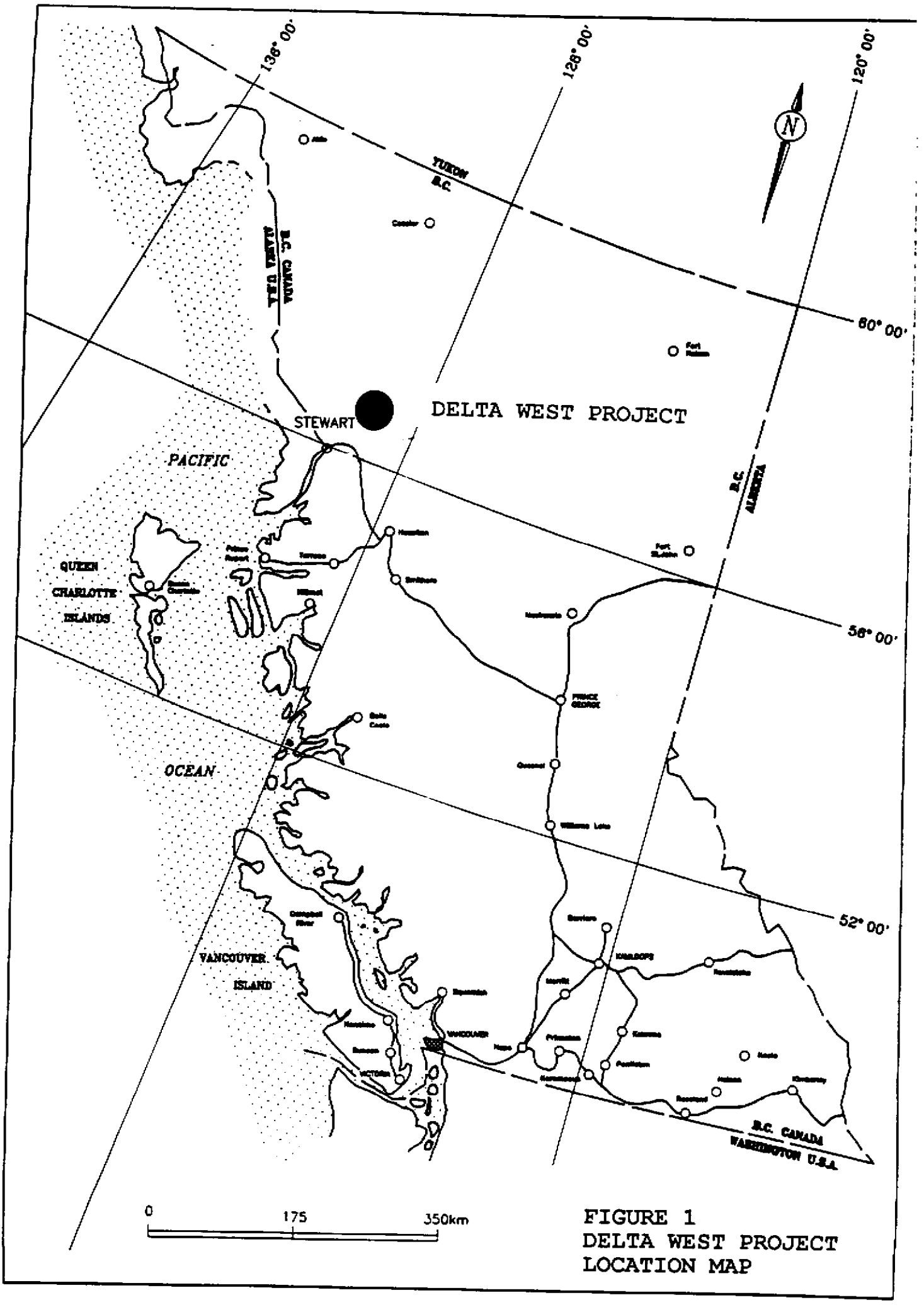


FIGURE 1
DELTA WEST PROJECT
LOCATION MAP

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.

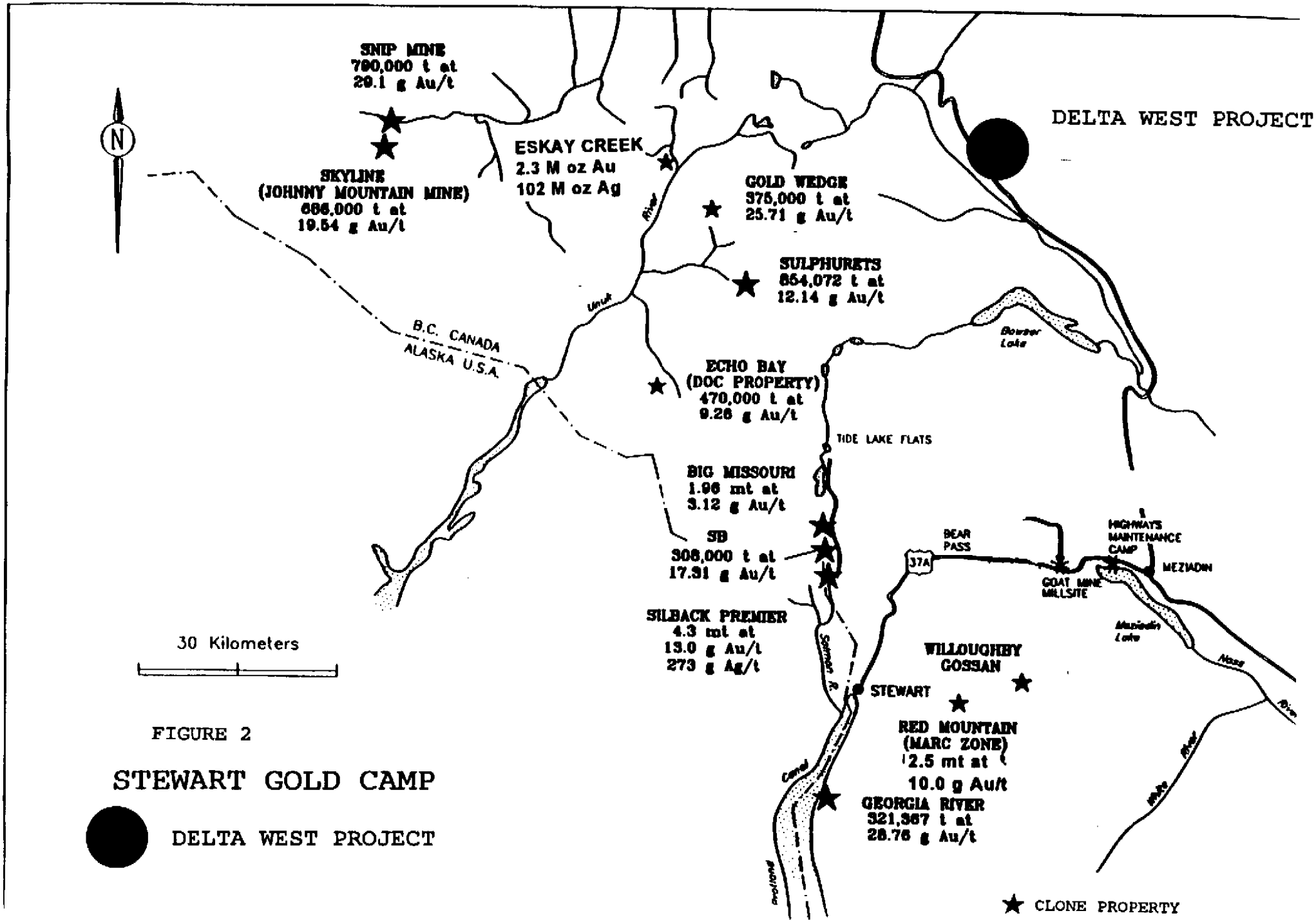


FIGURE 2

STEWART GOLD CAMP

DELTA WEST PROJECT

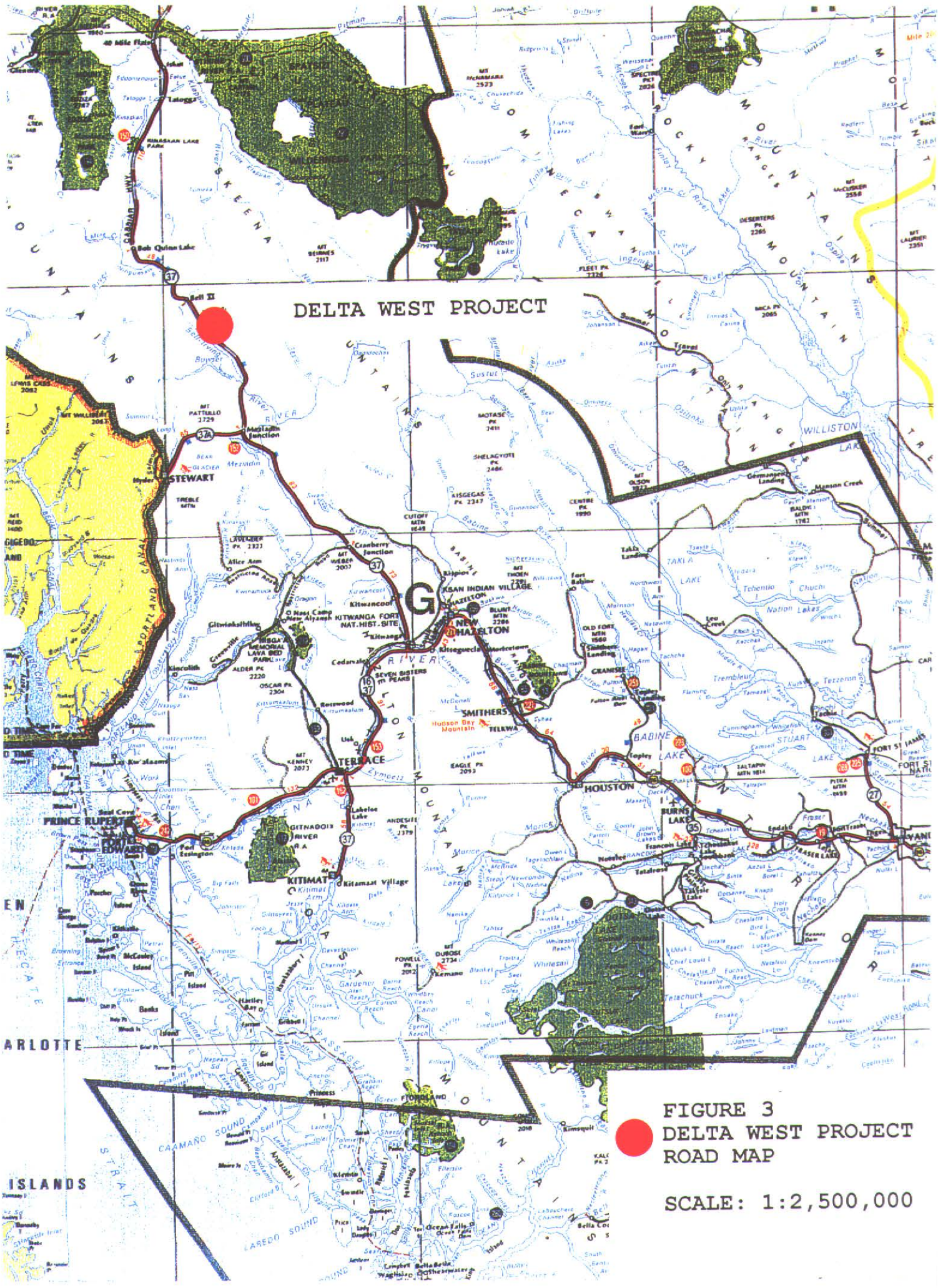


FIGURE 3
DELTA WEST PROJECT
ROAD MAP

SCALE: 1:2,500,000

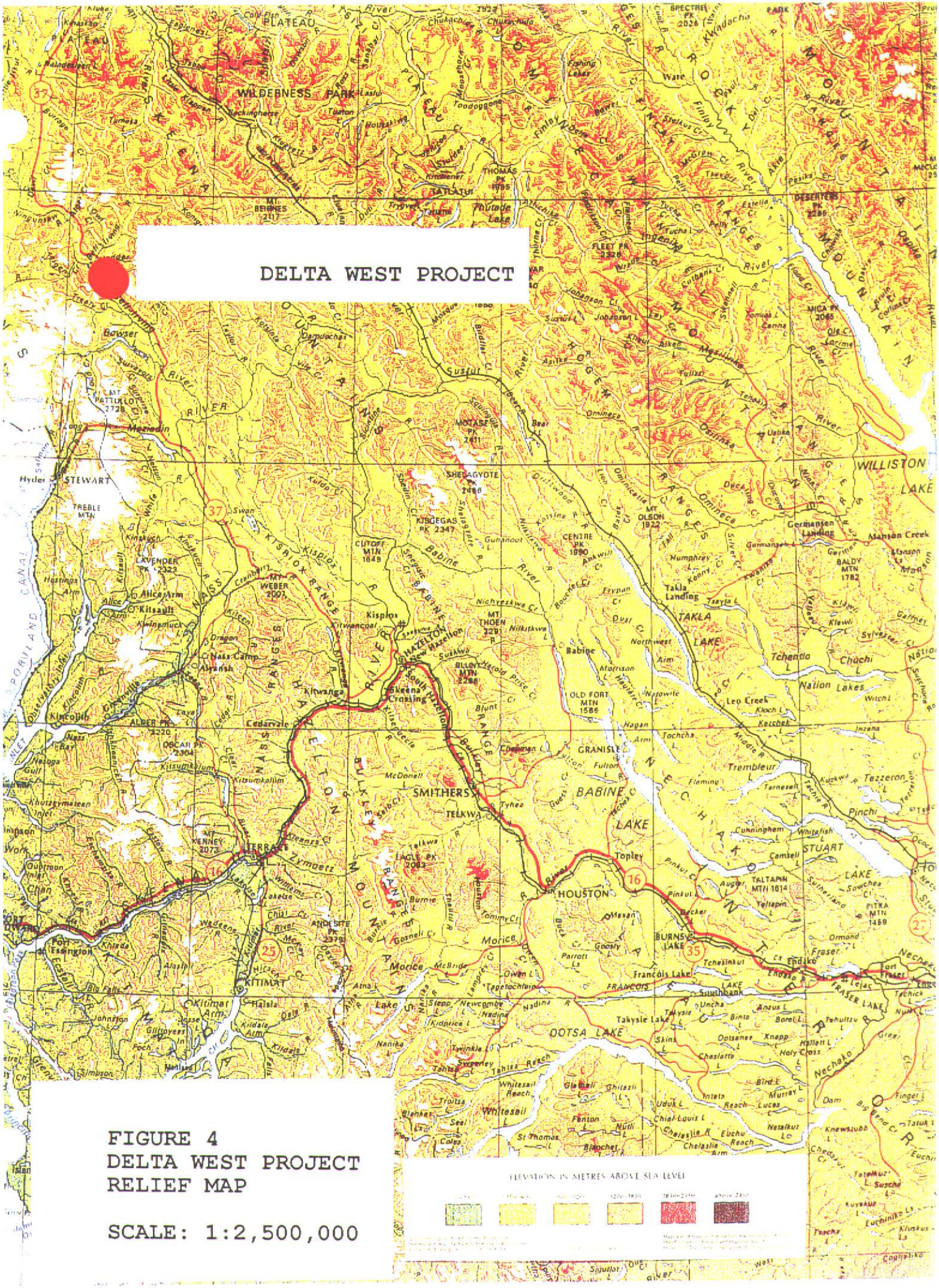


FIGURE 4
DELTA WEST PROJECT
RELIEF MAP

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.

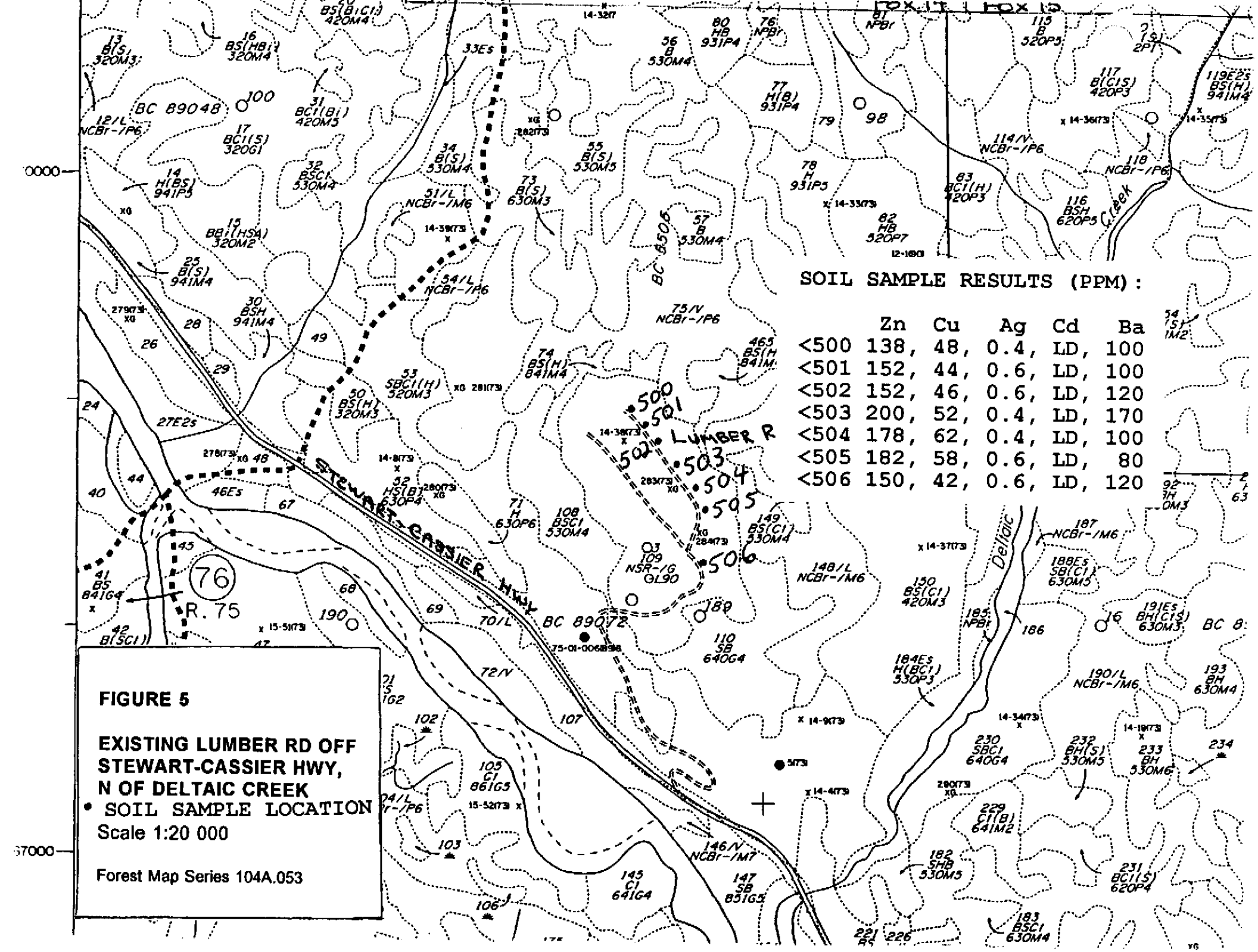


FIGURE 5

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).

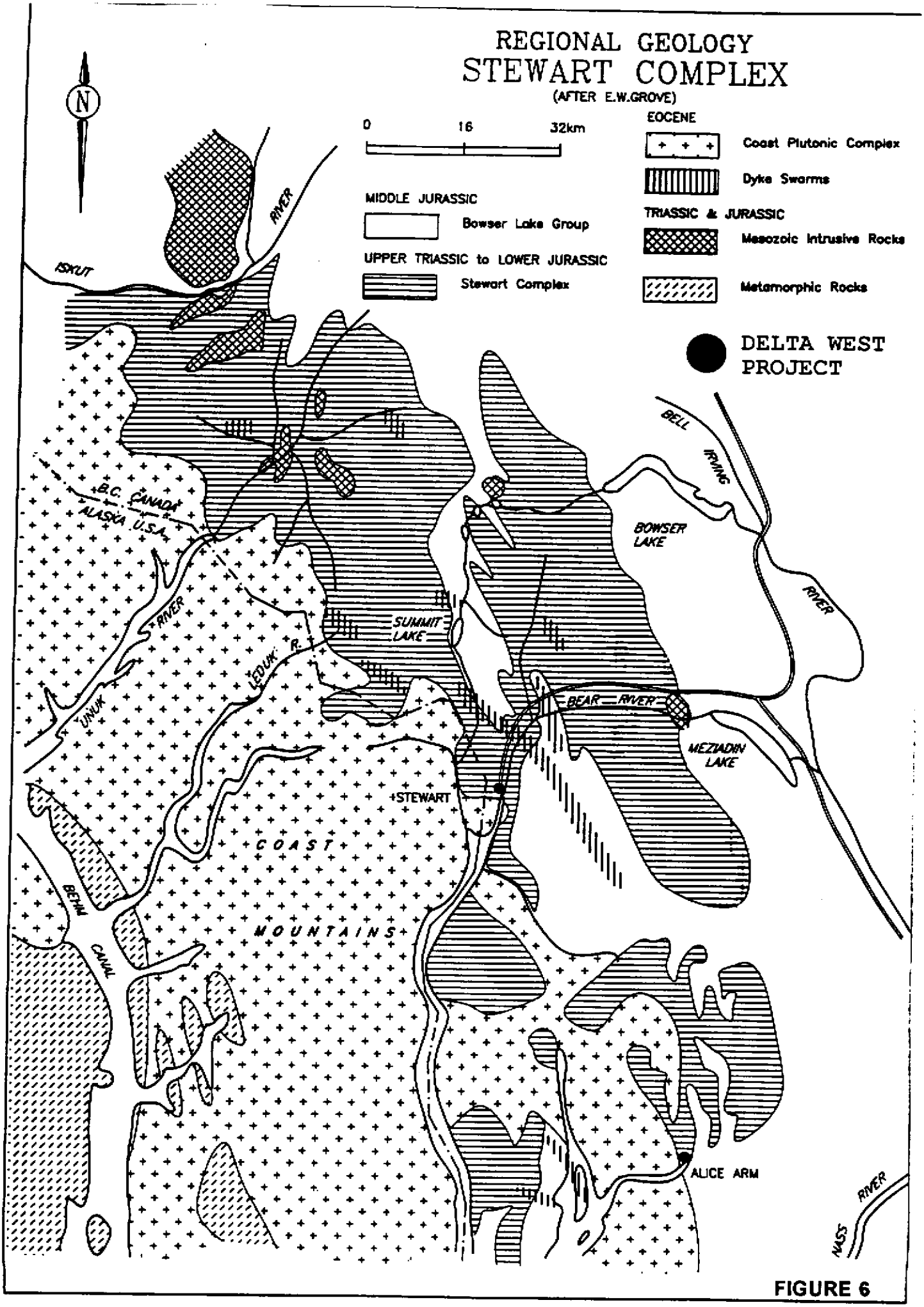

REGIONAL GEOLOGY
STEWART COMPLEX
(AFTER E.W.GROVE)
N
0
16
32km
EOCENE
Coast Plutonic Complex
Dyke Swarms
MIDDLE JURASSIC
Bowser Lake Group
TRIASSIC & JURASSIC
Mesozoic Intrusive Rocks
UPPER TRIASSIC to LOWER JURASSIC
Stewart Complex
Metamorphic Rocks
DELTA WEST PROJECT
ISKUT RIVER
B.C. CANADA
ALASKA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

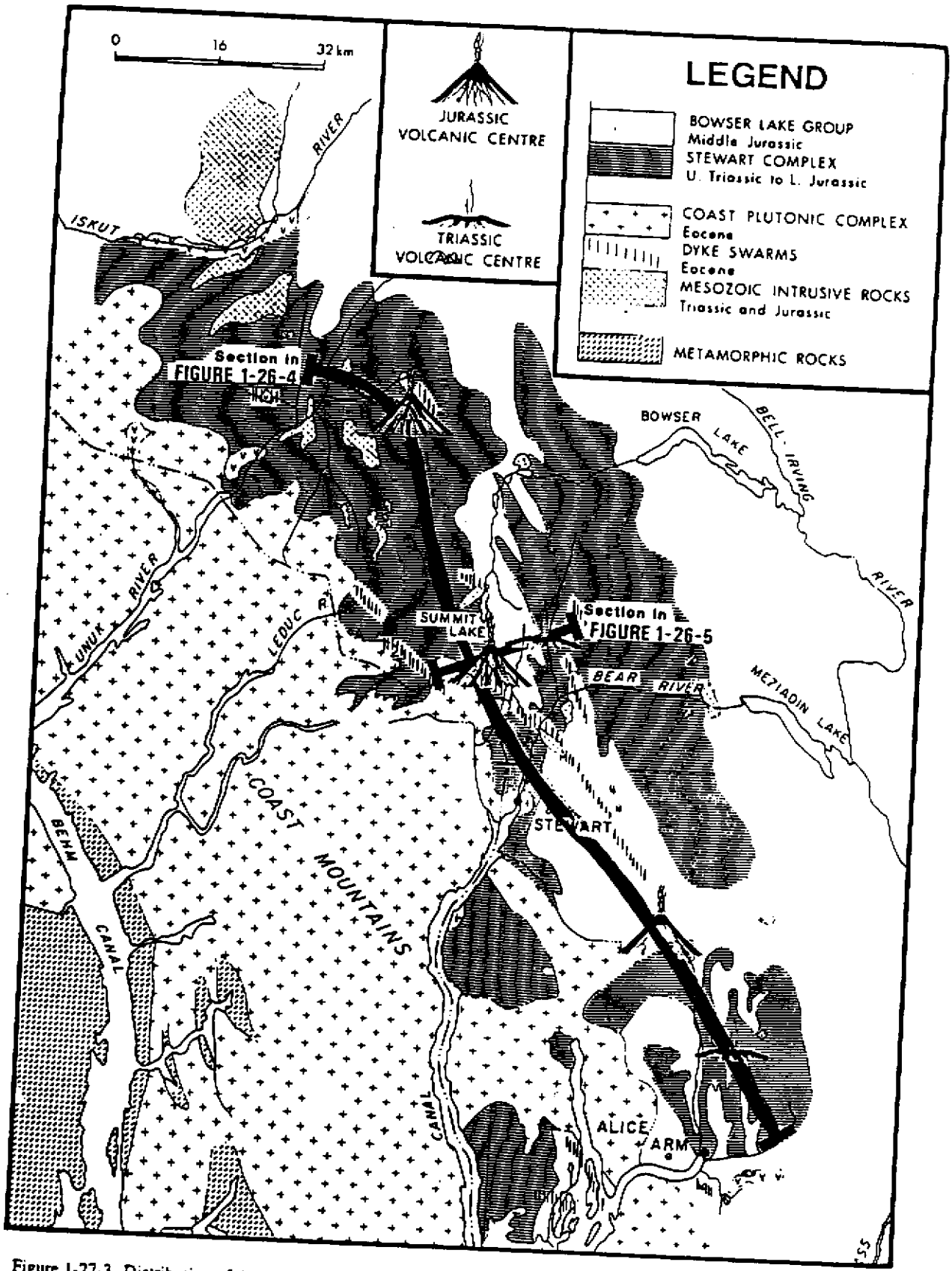
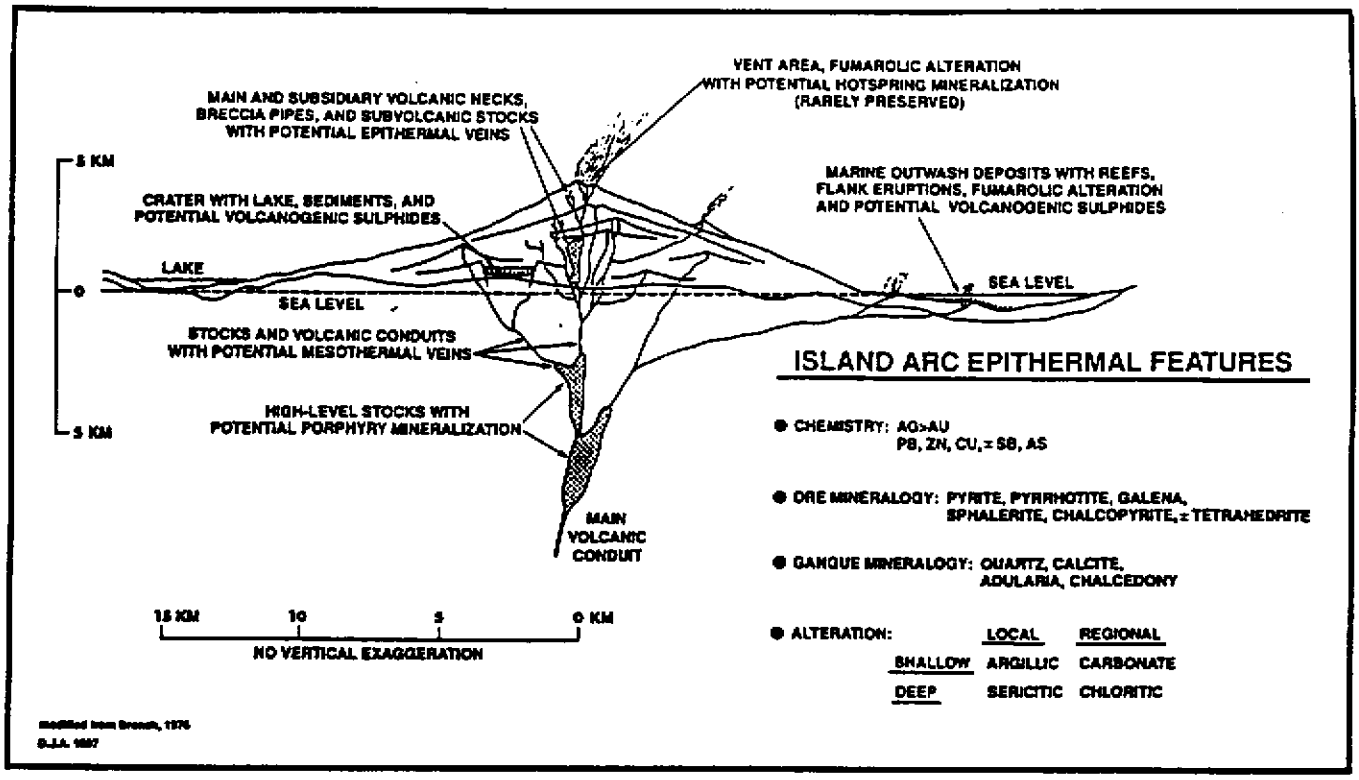


Figure 1-27-3. Distribution of the Stewart complex showing the locations of section lines for Figures 1-27-4 and 1-27-5.

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

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,

T SAMPLE DESCRIPTIONS

A. BIOGEOCHEMICAL SURVEYS:

NUMBER:	NAME:	TYPE	SOURCE
FB1	FIR N	1&2 N	MAT FIR
FB2	FIR N	1&2 N	MAT FIR
FB3	FIR N	1&2 N	Y FIR
FB4	FIR N	1&2 N	Y FIR
FB5	FIR N	1&2 N	Y FIR
FB6	FIR N	1&2 N	Y FIR
FB7	FIR N	1&2 N	Y FIR
FB8	FIR N	1&2 N	Y FIR
FB9	FIR N	1&2 N	Y FIR
FB10	FIR N	1&2 N	Y FIR

.. \MPLES:

UMBER:	NAME:	SOIL HOR.:	DEVEL.:	DEPTH: (CM)	COLOUR :	GR. SIZE:	COMPOSITION	DRAINAGE:	DIR:	VEG.:	GEOLOGY
'1	LOAM	B	WELL	20	BLK	FI-CO	SIL, CL, MIN ORG	GOOD	S	MIXED	NA
'2	ORG/SD	A/B	POOR	20	BRN	SI-CO	ORG, SD FR VOL	GOOD	S	FIR	NA
'3	AS F1										
'4	CL-SD	B	WELL	20	BN	CL	, SD FR VOL	GOOD	S	FIR	NA
'5	AS F4										
'6	AS F2										
'7	AS F4								N		
'8	ORG	A	POOR	20	BLK	FI-CO	ORG	POOR	SWAMPY CON	TAGS	NA
'9	SD	B	WELL	20	BRN	FI-CO	SD, SOME ORG SIL	FAIR	N	FIR	
'10	ORG, SD	AB	POOR	20		FI-CO	BLK/BRN	GOOD	NW	FIR	NA
'11	AS 9										
'12	AS 9										
'13	CL SD	B	WELL	20	BRN	CL-CO	CL, VOL SD	GOOD	SW	FIR FOR	NA
'14	AS 13										
'15	AS 13										
'16	AS 13										
'17	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 INTO PURE VALLEY	SW STREAM	FIR FOR	
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
F63	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
[illegible]	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
F10[illegible]	AS 110									

AS 110

F110	SD-GRAV	B	WELL	20 BRN	FI-PEBS	SIL, SD, FRAGS M VOL, CARB, BAR	GOOD	SW	CC	INTERES FL WITH
F111	SD-GRAV	B	WELL	25 BRN	FI-PEBS	STWK 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
5	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
F179	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
F195	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 FIGOOD SED - OXID AND SHEARED		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 FIGOOD SED - OXID AND SHEARED 15% ORGS 15%		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	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	
F231	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			22 BLK	FI-PEBS	ORG, SD, BLK SED PEBS	GOOD	E TO SWAMP		SEDS SE
		ABC	POOR						MAT FIR FOR	

	AS 267									
F269	AS 267 BUT NOT ORG						GOOD	S TO SWAMP		
F270	ORG/SD	AB MOST A	POOR	20 BRN/BLK	FI-CO	CRG, 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.

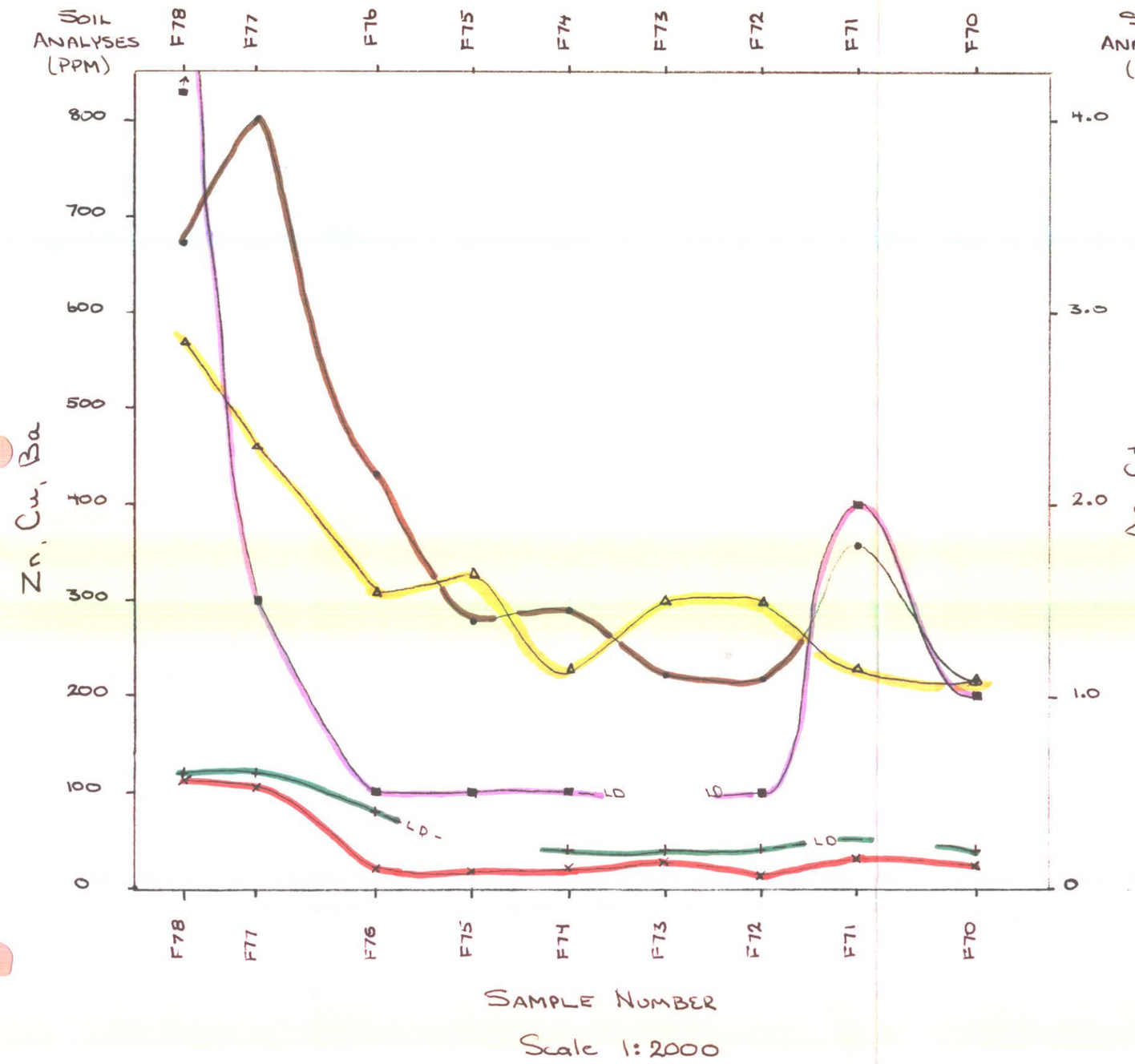


Figure 9

SOIL GEOCHEMICAL PROFILES
ZONE 1 ZINC ANOMALY
Looking North - Fox 30

F78 sample number

Zn ppm
Cu ppm
Ag ppm
Cd ppm
Ba ppm

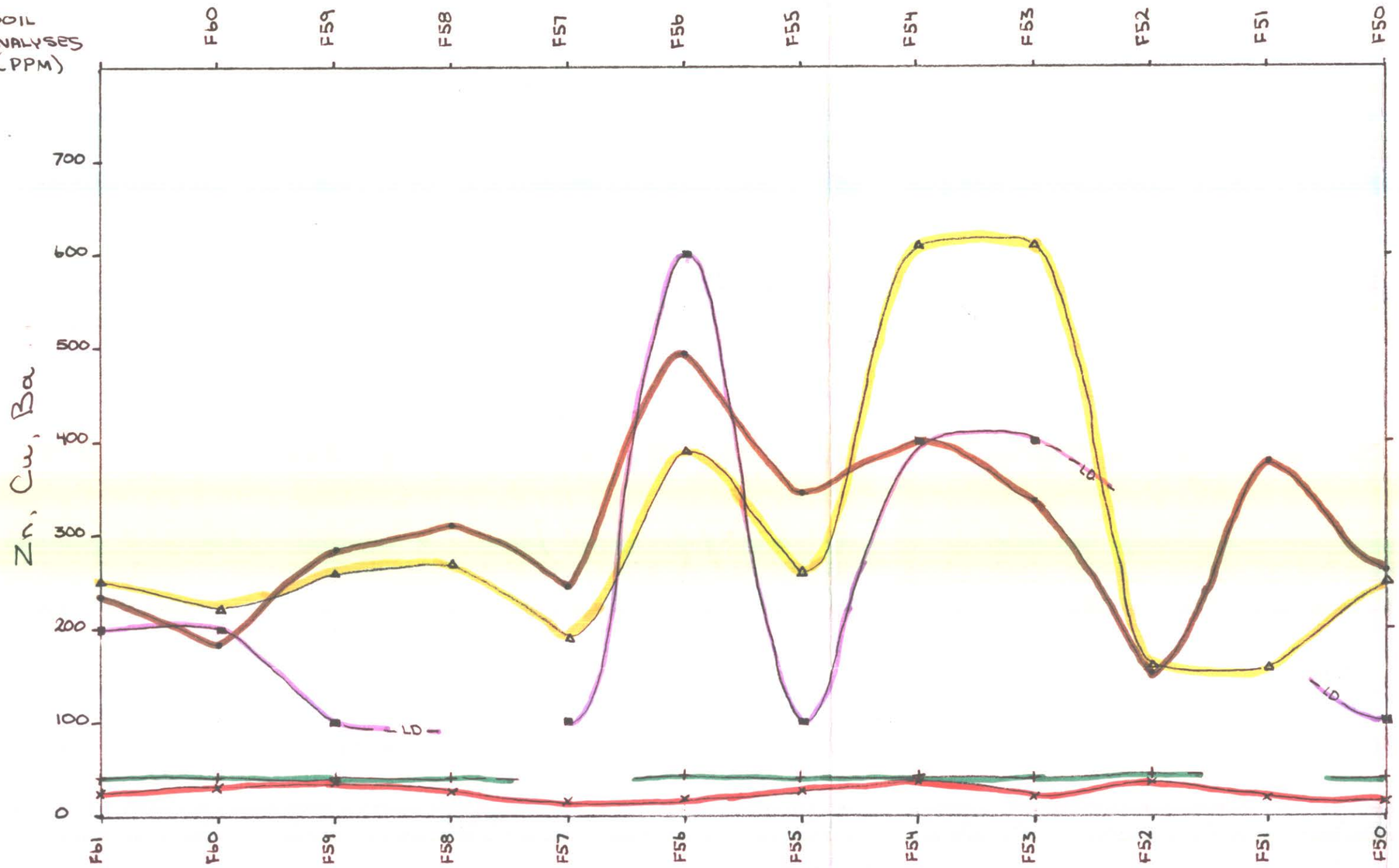


Figure 10

Soil Geochemical Profiles
Zone 2 Zinc Anomaly
Looking North - Fox 30,31

F60 sample number
Zn ppm
Cu ppm
Ag ppm
Cd ppm
Ba ppm

11. REFERENCES:

Aerodat Limited (1991): Report on the Oweegee Project for Indigo Gold Mines Inc.: BCMEMPR Assessment Work File 22,082.

ALLDRICK, D. J. (1984): Geologic Setting of the Precious Metal Deposits in the Stewart Area; in: Geological Fieldwork 1983, BCMEMPR, Paper 1984-1, p. 149-164

ALLDRICK, D. J. (1985): Stratigraphy and Petrology of the Stewart Mining Camp (104B/1); in: Geological Fieldwork 1984, BCMEMPR, Paper 1985-1, p. 316-341

ALLDRICK, D.J. (1989): Geology and Mineral Deposits of the Salmon River Valley - Stewart Area, 1:50,000. BCMEMPR Open File Map 1987-22.

ALLDRICK, D.J. (1989): Volcanic Centres in the Stewart Complex (103P and 104A,B); in: Geological Fieldwork 1988, BCMEMPR, Paper 1989-1 p. 223-240.

ALLDRICK, D. J., BROWN, D. A., HARAKAL, J. E., MORTENSEN, J. K. and ARMSTRONG, R. L. (1987): Geochronology of the Stewart Mining Camp (104B/1); in: Geological Fieldwork 1986, BCMEMPR, Paper 1987-1, p. 81-92.

ANDERSON, R. G. (1989): A Stratigraphic, Plutonic, and Structural Framework of the Iskut River Map Area, Northwestern British Columbia; in: Current Research, Part E, Geological Survey of Canada, Paper 89-1E, p. 145-154.

ANDERSON, R. G. and THORKELSON, D. J. (1990): Mesozoic Stratigraphy and Setting for some Mineral Deposits in Iskut Map Area, northwestern British Columbia; in: Current Research, Part E, Geological Survey of Canada, Paper 90-1E, p. 131-139.

Bowering, A: (1996): Clone Property - More Encouraging Phase 1 Drilling Results, Strike Length Extended to 1.5 km: August 29, 1996 News Release, Teuton Resources Corp./Minvita Enterprises Ltd.

BLACKWELL, J. (1990): Geology of the Eskay Creek #21 Deposits; in: The Gangue, MDD-GAC, No 31, April, 1990.

DANIELSON, VIVIAN (1993): Busy Summer For Stewart Area; Northern Miner August 16, 1993, p. 1

Forest Service, British Columbia (1995): Regulations, April 1995, Forest Practices Code of British Columbia, BC Ministry of Environment.

Greig, C. J. (1991): Stratigraphic and structural relations along the west-central margin of the Bowser Basin, Oweegee and Kinskush areas, northwestern British Columbia: in Current Research, Part A, Geological Survey of Canada, Paper 91-1A, p. 197-205.

GREIG, C. J., EVENCHICK, C. A., Mustard, P. S., Porter, J. S. (1992): Regional Jurassic and Cretaceous facies assemblages, and structural geology in Bowser Lake map area (104A), B.C.: Open File 2582, EMR Canada.

GREIG, C. J., EVENCHICK, C. A. (1993): Geology of Oweegee Dome, Delta Peak (104A/12) And Taft Creek (104A/11W) Map Areas, GSC Preliminary Map.

GROVE, E. W. (1986): Geology and Mineral Deposits of the Unuk River-Salmon River-Anyox Area; BCMEMPR, Bulletin 63.

Hamilton, A. (1991): Assessment Report on Geological and Geochemical Work on the Delta 1 and 2 Mineral Claims, BCMEMPR Assessment Work File 21.745, prepared for Cominco Ltd.

JVX Limited (1993): Report ON Geophysical Surveys On The Stewart Project, Delta Target Area, Northwestern British Columbia, prepared for Geofine Exploration Consultants Ltd.

LEE, A. W. (1990): Assessment Report on Geological and Geochemical Work on the Delta 1 and 2 Mineral Claims, BCMEMPR Assessment Work File 20.399, prepared for Cominco Ltd.

McLoed, D. A. (1996): Surface Drilling Starts ON Wilby Zone & New Zone Discovered On Surface: August 28, 1996 Press Release, Camnor Resources Ltd.

MCDONALD, D. (1989): Metallic Minerals in the Silbak Premier Silver Gold Deposits, Stewart; in: Geological Fieldwork 1987, BCMEMPR, Paper 1988-1, p. 349-352.

MINISTER OF MINES (1929): Annual Report For The Year Ended 31st December, 1929, Being AN Account Of Mining Operations For Gold, Coal, Etc. In The Province of British Columbia.

MOLLOY, D. E. (1993): Report On The Phase 1A Reconnaissance Program On The Fox Claims Of The Stewart Property, prepared for American Barrick Resources Corporation by Geofine Exploration Consultants Ltd.

MOLLOY, D. E. (1993): Report On The Phase 1B Follow-up Geophysical & Geochemical Program On The Fox Claims Of The Stewart Property, prepared for American Barrick Resources Corporation by Geofine Exploration Consultants Ltd.

MOLLOY, D. E. (1994): Report On The Phase 1, 1994 Exploration Program Carried Out On The Todd Property, Skeena Mining Division, Northwestern British Columbia prepared for Oracle Minerals Inc. by Geofine Exploration Consultants Ltd.

RAINSFORD, D. R. B. (1990): Report on A Combined Helicopter Borne Magnetic Electromagnetic and VLF Survey, Stewart Area; BCMEMPR Assessment Report # 20,200.

RANDALL, A. W. (1988): Geological Setting and Mineralization of the Silbak Premier and Big Missouri Deposits; in Field Guide Book, Major Gold-Silver Deposits of the northern Canadian Cordillera, Society of Economic Geologists, p. 85-99.

Robertson, R. (1996): Companies Zeroing In On Stewart Area, The Northern Miner, August 5, 1996, Vivian Danielson, Editor.

RUBIN, C. M., SALEEBY, J. B., COWAN, D. S., BRANDON, M. T., and MCGRODER, M. F., (1990): Regionally Extensive Mid-Cretaceous West-vergent Thrust Systems in the Northwestern Cordillera: Implications for Continent-Margin Tectonism. Geology, v.18, p. 276-280.

TENAJON RESOURCES CORP. (1992): Report to Shareholders; in: Annual Report 1992 p. 1.

VOGT, ANDREAS H., BRAY, ADRIAN D., and BULL, KATE, (1992): Geologic Setting and Mineralization of the Lac Minerals Red Mountain Deposit, handout at 1992 Cordilleran Roundup "Spotlight Session".

WESTMIN RESOURCES LIMITED (1992): Premier Gold Project: in: Annual Report 1991; p.9.14.

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, B.A., B.Sc., F.G.A.C.
President

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

APPENDIX 2

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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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

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To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

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

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: Stewart Pinchbeck

Chemex Labs Ltd.

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To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

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

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

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

Certificate Date: 10-SEP-96
Invoice No. :19630086
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.

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 :3-A
Total :4
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/ss	< 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/ss	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/ss	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 Bradshaw

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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:

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Analytical Chemists * Geochemists * Registered Assayers

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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

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: Istvan J. Pasztor

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga
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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 Pages :2
Certificate Date: 22-OCT-96
Invoice No. :I9636018
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:

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To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

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

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

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49 NORMANDALE RD.
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Project :
Comments: ATTN:DAVID KENNEDY CC:D.MOLLOY

Page Number :2-A
Total Pages :2
Certificate Date: 22-OCT-96
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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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 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
P 284	201	202	< 0.2	1.56	36	440	0.5	< 2	0.34	0.5	26	19	42	3.92	< 10	< 1	0.17	< 10	0.38	4760	2
P 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
P 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:

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

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

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

o: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments: ATTN:DAVID KENNEDY

Page : 2-A
Total : 2
Certificate Date: 19-SEP-96
Invoice No. : 19631624
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

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments:

Page Number :1-A
Total Pages :1
Certificate Date: 20-OCT-96
Invoice No. :19632406
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

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project :
Comments:

Certificate Date: 20-OCT-96
Invoice No. :19632406
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

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
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:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: GEOFINE EXPLORATION CONSULTANTS LTD.

49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

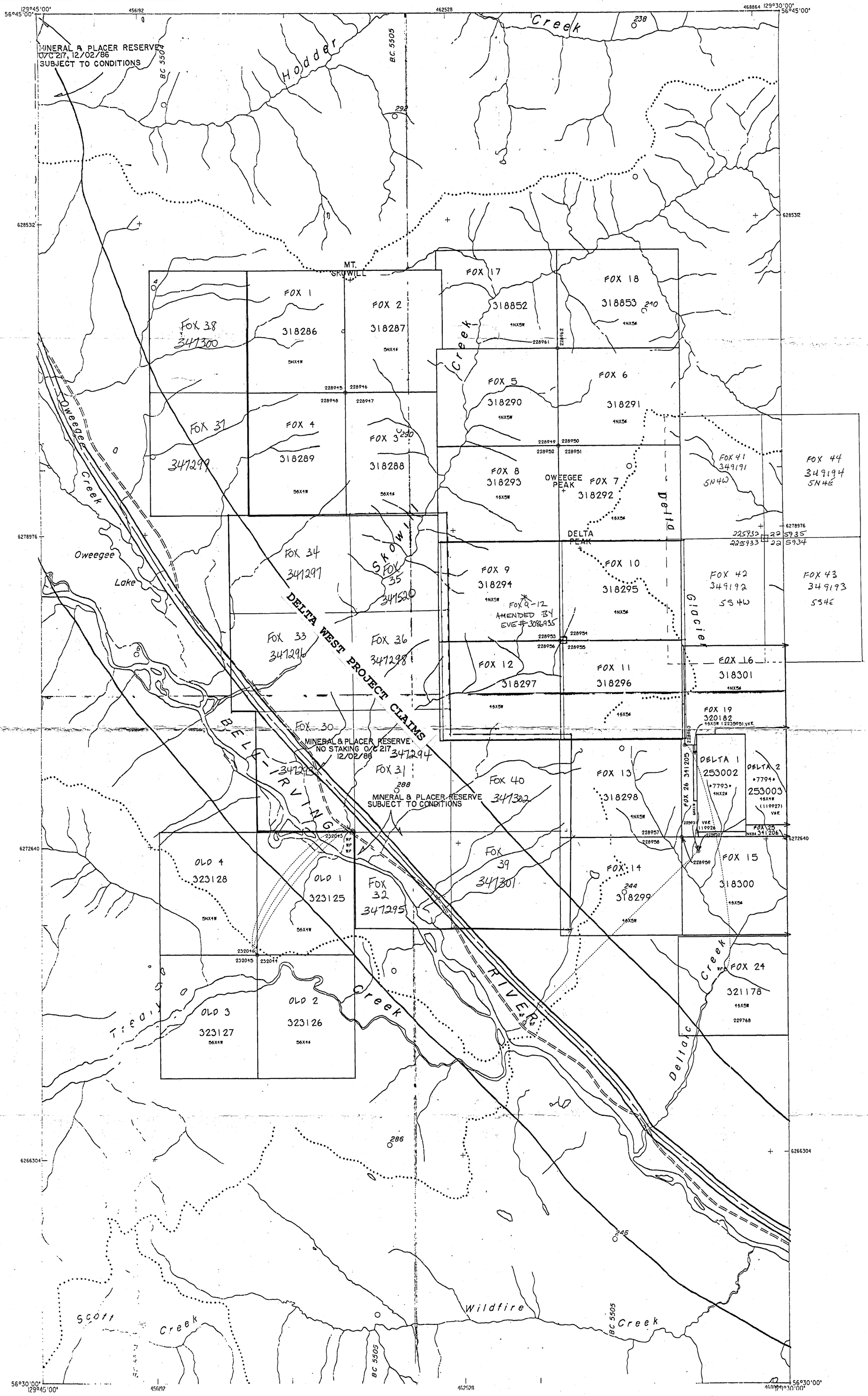
Project :
Comments: ATTN: DAVID KENNEDY

Page. ber :1
Total :1
Certifi. Date: 10-SEP-96
Invoice No. :19631636
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.

1 UNIT	2 POST CLAIM	OLD 2 POST CLAIM
1640.42 ft	1640.42 ft	1200 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.

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

INDEX TO ADJOINING MAPS

104A12E

MAP 1A

96-27 (1)

104A/11W

129°30'00" 56°45'00" 475200 481536 129°15'00" 56°45'00"

6285312 6278976 6272640 6266304

BC 5505 BC 5473

OWEEGEE RANGE

Delate Creek

Creek

Ritchie Cr.

BELL-IRVING R.

FOX 44 349194 5N4E

FOX 43 349193 5S4E

FOX 45 349195

FOX 46 349196 5S4W

FOX 47 349197 5N4W

FOX 21 320184 4NX4S

FOX 20 320183 4SX4S

FOX 25 341206 2NX6S

FOX 22 321176 4NX4S

FOX 23 321177 4SX4S

FOX 16 318301 4NX5S (229960)

FOX 19 320182 4SX5S

FOX 15 318300 4SX5S (229959)

FOX 24 321178 4SX5S

253003 DELTA 2 4SX5S

22 5935

22 5934

VSR 102831

VSR 102830

VSR 119927

231405

229766

229767

225936

225930

COAL RESERVE
O/C 177/86 FEB. 14, 1986
NO STAKING

MINERAL & PLACER RESERVE O/C 217 12/02/86 NO STAKING

MINERAL & PLACER RESERVE O/C 217, 12/02/86 SUBJECT TO CONDITIONS

COAL RESERVE
O/C 177/86 FEB. 14, 1986
NO STAKING

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: 31 680

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	VSR
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

96-27 ②

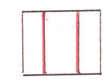
DELTA PEAK
104 A/12
EDITION 2 ÉDITION

Military users, refer to this map as: / Référence de cette carte pour usage militaire:	SERIES A721 SÉRIE MAP 104 A/12 CARTE EDITION 2 MCE EDITION

MAP 2:

TOPOGRAPHIC MAP:

DELTA WEST PROJECT AREA



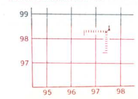
Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1989
FOR CENTRE OF MAP
Annual change decreasing 11.8'

N'utiliser le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1989
Variation annuelle décroissante 11.8'

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

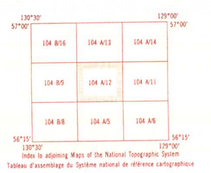
GRID ZONE DESIGNATION: DÉSIGNATION DE LA ZONE DU QUADRILLAGE:	100 000 m SQUARE IDENTIFICATION / IDENTIFICATION DU CARRÉ DE 100 000 m
9 V	VN

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



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

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



Index to adjoining Maps of the National Topographic System
Tableau d'assemblage du Système national de référence cartographique

DELTA PEAK
104 A/12
EDITION 2 ÉDITION

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

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DELTA PEAK
CASSIAR LAND DISTRICT
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

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, aggloméré, 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

Scale 1:50 000 Échelle

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

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

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

CONVERSION SCALE FOR ELEVATIONS
Metres 30 20 10 0 50 100
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Feet

ÉCHELLE DE CONVERSION DES ALTITUDES
150 200 250 300 Mètres
1000 Pieds

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

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

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

CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA, OU CHEZ LE VENDEUR LE PLUS PRÈS.

96-27 (3)

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

Energie, Mines et Ressources Canada
Energy, Mines and Resources Canada
GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA
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, interbedded 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 arkose; 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.

LJHc — boulder and cobble conglomerate, pebbly sandstone; well-sorted, 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.
- Line of cross-section
- Fossil locality

STEWART PROPERTY
SKOWILL TARGET AREA
PORPHYRY TARGET AREA
GLACIER CREEK TARGET AREA
DELTAIC TARGET AREA
DELTA WEST PROJECT AREA

DELTA PEAK
CASSIAR LAND DISTRICT
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE
Scale 1:50 000 Échelle

TAFT CREEK
CASSIAR LAND DISTRICT
BRITISH COLUMBIA
Scale 1:50,000 Échelle

96-27 ④

MAP 3

GEOLOGY - GENERAL PROJECT AREA

PROJECT AREA

FOX 38

FOX 1

FOX 2

FOX 37

FOX 4

FOX 3

FOX 34

FOX 35

FOX 33

FOX 36

FOX 30

FOX 31

FOX 40

FOX 32

FOX 39

FOX 5

FOX 6

FOX 7

FOX 8

5000

4500

5500

2500

3500

2000

ZONE 5

ZONE 3

ZONE 2

ZONE 1

ZONE 4

STEWART-CASSIAR HWY

BELL-IRVING RIVER

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,	24,	LD,	LD,	110
F125	118,	33,	0.2,	1.5,	160
F126	112,	36,	LD,	1.0,	170
F127	230,	22,	LD,	3.5,	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,	14,	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,	39,	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,	160
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,	200
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,	21,	0.6,	0.5,	230
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,	1.2,	3.0,	130
F276	112,	19,	0.2,	LD,	110
F277	60,	15,	0.4,	0.5,	270
F278	40,	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,	210
F282	458,	13,	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	340,	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,	1.0,	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,	4.0,	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,	0.2,	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
F229	168,	23,	0.2,	LD,	240
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
F237	308,	18,	0.2,	2.5,	500
F238	360,	24,	LD,	LD,	310
F239	252,	37,	LD,	1.0,	310
F240	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	28,	5,	LD,	LD,	40
F287	132,	29,	0.2,	0.5,	330
F288	ND				
F289	40,	12,	LD,	0.5,	240
F290	ND				
F291	124,	41,	0.2,	LD,	160
F292	416,	29,	0.6,	0.5,	210
F293	326,	35,	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,	36,	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	ND				
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
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,	350
F108	160,	77,	0.2,	LD,	160
F109	276,	22,	LD,	0.5,	350
F110	336,	32,	0.4,	1.5,	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				

BIOGEOCHMEICAL 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	180,	30,	0.2,	0.5,	320
F222	ND				
F223	148,	50,	DL,	LD,	80
F224	ND				
F225	266,	47,	0.8,	2.0,	240
F226	ND				
F227	260,	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:

GEOCHEMICAL SURVEY

- F13 soil sample number and location
- FB10 biogeochemcial sample location and 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 zone
- ..... traverse line
- _____ claim line
- ☐ claim post
- ---------- creek
- Stewart-Cassiar Highway
- contour lines (interval 500 feet)

SCALE: 1:10000

96-27
(5)