REPORT ON THE 1999 DELTA WEST PROJECT:

DETAILED GEOCHEMICAL AND GEOLOGICAL SURVEYS CARRIED OUT TO PRIORITIZE DRILL TARGETS ON THE STEWART PROPERTY,

DELTA PEAK AREA:

LATITUDE 56° 36' NORTH

LONGITUDE 129° 38' WEST

NTS 104 A/12

SKEENA MINING DIVISION,

STEWART GOLD CAMP,

NORTHWESTERN BRITISH COLUMBIA

BY

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APRIL 2000

SUMMARY: 1999 DELTA WEST PROJECT:

The Delta West Project is located on the Stewart Property, situated about 70 km north of Meziadin Junction, in Northwestern British Columbia. Historical work, which is described in the Report on the 1998 Prospectors Assistance Program (Molloy, 1998), outlined a number of large, apparently stratabound zones of Zn-Cd-Ag-Ba soil anomalies that have both IP and EM anomaly associations. The targets are located in close proximity to Hwy 37, but are covered by overburden that ranges up to over 10 m in depth. The 1999 project was carried out to further prioritize drill targets on the large number of geochemical/geophysical anomalies.

The widening and reconstruction of the Hwy 37 hindered access to, and work on the historic Delta West Grid, which strattles the highway. Field activities in 1999 consisted of the restoration of Grid Lines 30+00N, 28+00N, 26+00N, and 22+00N, and Base Line 50+00E; and, the collection of a total of 86 fill-in soil samples and check samples (generally taken at 10 m intervals), which were analyzed by 32 element ICP by Chemex Labs in Vancouver. Prospecting and mapping were carried out to locate additional outcrops and apparent structures; and, to ascertain whether the axes of the most important HLEM anomalies located in 1998 have any apparent overburden association.

As noted in the author's report on the 1999 Prospectors Assistance Program (Molloy, 2000), sediments from streams draining Bowser Group lithologies in the Stewart Camp are generally characterized by rather anomalous Cu and Ni contents. Soil samples overlying Bowser sediments near Hwy 37 appear to have this same Cu-Ni signature, which thus appears to be a useful tool in mapping the contact of the Bowser Group and altered Hazelton Group rocks. The latter rocks are postulated to host wide, stratabound zones of Zn-Cd-Ag-Ba mineralization. This type of mineralization often halos significant Cu-Au mineralization in the Stewart Camp e.g., the Red Mountain Au-Cu deposit; and, the Deltaic Grid Cu-Au mineralization, located on the Stewart Property about 10 km southeast of the Delta West Grid.

From the integration of the historical and current geophysical, geological and soil Cu, Ni, Zn, Cd and Ba geochemical information, the Highway and Central/East Zn Zones are interpreted to offer high priority polymetallic, year round drill targets in close proximity to Hwy 37. The Highway Zn Zone, as outlined by threshold Zn, Cd and Ba contours of 300 ppm, 1.5 ppm and 200 ppm, respectively, ranges up to over 150 m in width. Historical work indicates the zone has a strike length of over 2 km, and moderate IP correlation on the three lines (L26+00N, 22+00N, 14+00N) that have been run with IP.

The Central/East Zn Zone offers a similar, if not more important target, since stronger soil Cu and Ni values, in this case believed associated with altered Hazelton Group rocks, have

an overlapping relationship with the east side of the Zn zone. The zone also exhibits an apparent flexure that is associated with some of the strongest Zn, Cu and Ni soil values. A strong IP anomaly is correlative with the zone on L28+00N - the only grid line in the1999 detailed follow-up area on which the historic IP survey was done. At least two HLEM anomaly axes are associated with the wide zone (up to over 200 m), as outlined by threshold contours of 300 ppm Zn, 200 ppm Ba and 1.5 ppm Cd. Based on the historical work, the zone has a strike length of over 2 km.

It is concluded that the Deltaic Grid offers high priority drill targets for polymetallic, stratabound mineralization. Two initial diamond drill holes are now recommended, which total 550 m and represent a significant revision of the original 1998 drill proposal. Hole DW01-00 would be collared on L28+00N at 55+50E and drilled for 250 m at an azimuth of 60° and a dip of 45° to test the East/Central Zn Zone.

Dependent on the success of the first hole, Hole DW02-00 could be immediately drilled under Hole DW01-00 from the same set-up. Or, Hole DW02-00 could be collared at 47+50 E on L24+00N to test the Highway Zn Zone, i.e., drilled at an azimuth of 60° and a dip of 45° under Hwy 37, for about 300 m. In view of the relatively flat topography, close proximity of Hwy 37, and the old lumber roads in the clear-cut area, the targets are amenable to relatively low cost, year round drill testing.

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REPORT ON THE 1999 DELTA WEST PROJECT

CARRIED OUT ON THE DELTA WEST GRID OF

THE STEWART PROPERTY,

SKEENA MINING DIVISION,

NORTHWESTERN BRITISH COLUMBIA

1. INTRODUCTION:

The following report reviews the detailed work carried out as part of a 1999 Prospectors Assistance Program on the Highway and Central/East Zn Zones of the Delta West Project of the Stewart Property. The project is located in the Stewart Gold Camp (Figures 1, 2), Northwestern British Columbia, and was utilized to further prioritize drill targets on a number of interesting geochemical/geophysical anomalies in close proximity to the Stewart-Cassiar Hwy 37.

Relevant Stewart Camp exploration models hosted by altered Hazelton Group rocks include *the Eskay Creek VMS deposit (Figure 2) with 1999 reserves of about 1.4 million tonnes* grading 57.7 g gold/t, and 2493 g silver/t, and with a total deposit size of 7.1 M oz gold equivalent; the historic Silbak-Premier deposit (Figure 2), which produced 56,000 kg of Au and 1,281,400 kg of Ag from 1918 to 1976; and, the Marc Zone, Red Mountain (Figure 2) type mineralization (auriferous pyrite and chalcopyrite in fracture controlled, often brecciated zones associated with Jurassic intrusions), which totals about 1 M oz grading about 10 g Au/t.

2. STEWART PROPERTY:

David R. Kennedy, Janine Calder, Dr. Graeme Wallace and the author each have a 25% ownership interest in the Stewart Property, which comprises 18 claim units (Map 1, Table 1) that cover 86 square km. Cominco Ltd. and Barrick Gold Corp. each retain a net smelter royalty interest in certain claims, which do not include the Delta West Grid.

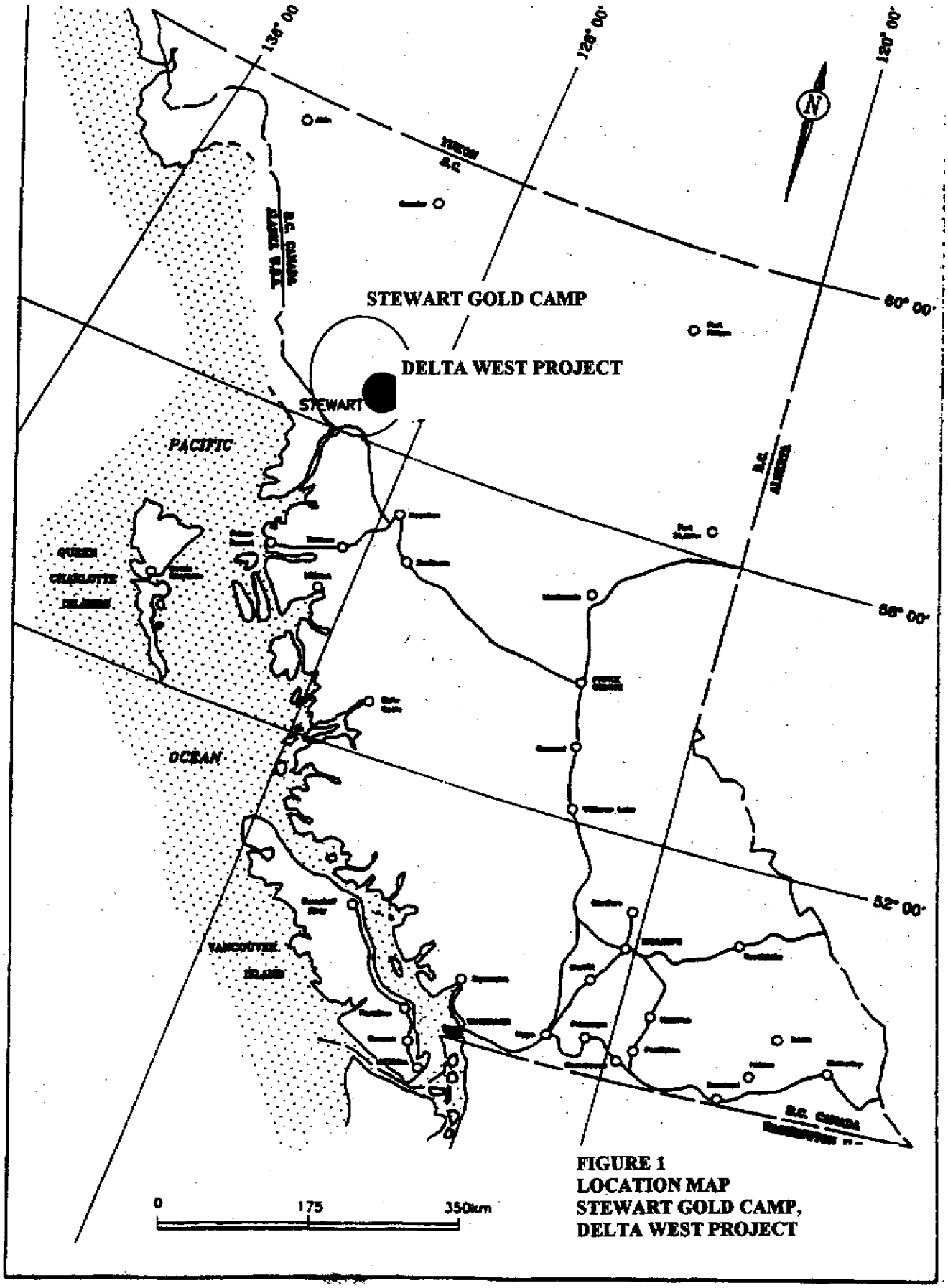


FIGURE 1
LOCATION MAP
STEWART GOLD CAMP,
DELTA WEST PROJECT

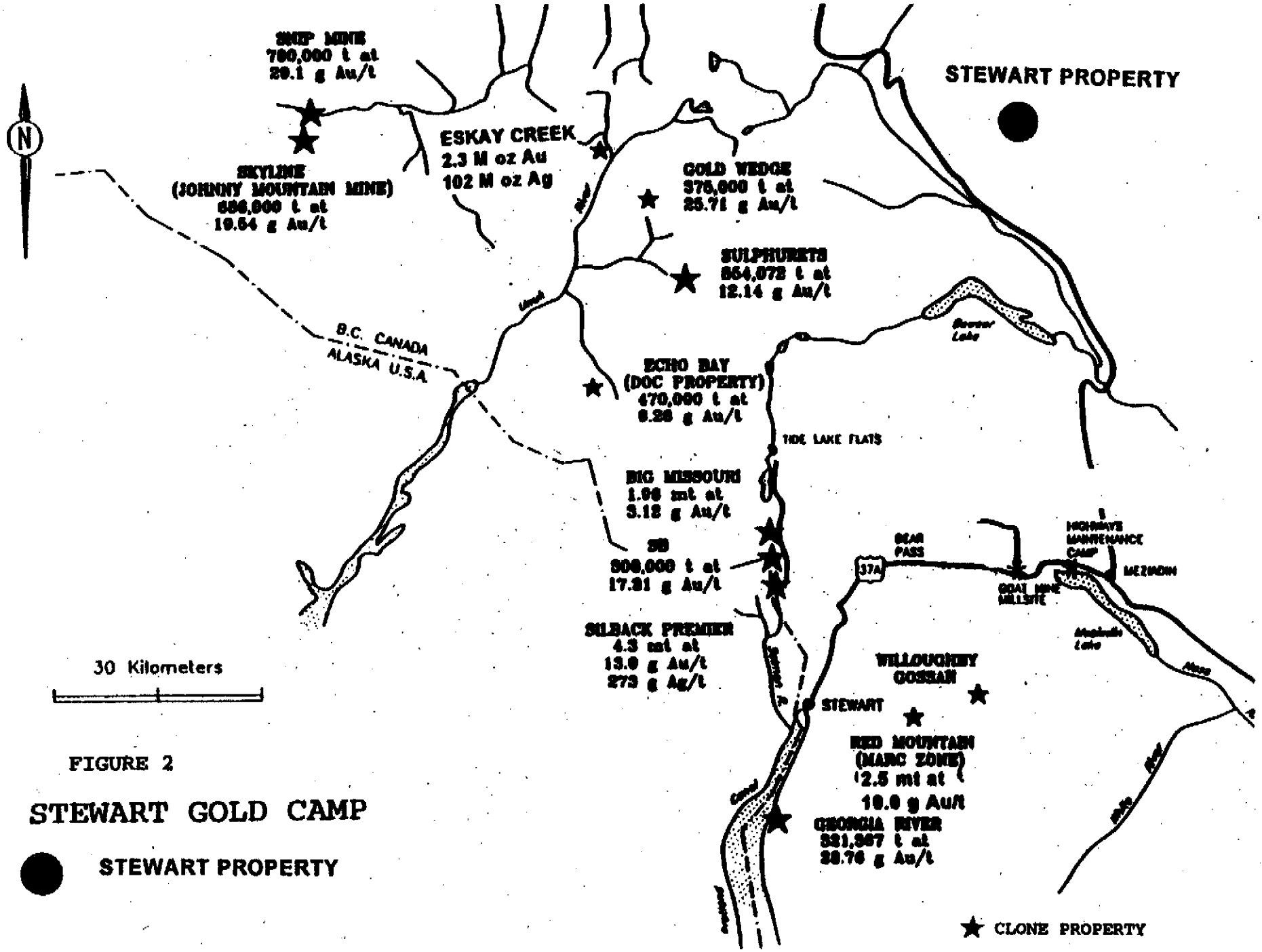


FIGURE 2

STEWART GOLD CAMP

● STEWART PROPERTY

TABLE 1 STEWART PROPERTY, APRIL 2000 C:\STUCL

NO.	CLAIM	UNITS	TENURE	ANNIV DATE	EXPIRY DATE
1	FOX 1	20	318286	MAY 21	2001
2	FOX 2	20	318287	MAY 21	2001
3	FOX 3	20	318288	MAY 21	2002
4	FOX 4	20	318289	MAY 21	2002
5	FOX 5	20	318290	MAY 21	2002
6	FOX 6	20	318291	MAY 21	2002
7	FOX 7	20	318292	MAY 21	2002
8	FOX 8	20	318293	MAY 21	2002
9	FOX 9	20	318294	MAY 21	2002
10	FOX 10	20	318295	MAY 21	2002
11	FOX 11	20	318296	MAY 21	2002
12	FOX 12	20	318297	MAY 21	2002
13	FOX 13	20	318298	MAY 21	2004
14	FOX 14	20	318299	MAY 21	2004
14	FOX 15	5	318300	MAY 21	2006
16	FOX 16	20	318301	MAY 21	2004
17	FOX 17	20	318852	MAY 21	2001
18	FOX 18	20	318853	MAY 21	2001
19	FOX 19	20	320182	MAY 21	2004
20	FOX 20	16	320183	MAY 21	2006
21	FOX 21	16	320184	MAY 21	2005
22	FOX 22	16	321176	MAY 21	2004
23	FOX 23	16	321177	MAY 21	2003
24	FOX 24	5	321178	MAY 21	2002
25	FOX 25	16	341206	MAY 21	2004
26	FOX 26	6	341205	MAY 21	2004
27	OLD 1	20	323125	MAY 21	2003
28	OLD 2	20	323126	MAY 21	2002
29	OLD 3	20	323127	MAY 21	2003
30	OLD 4	20	323128	MAY 21	2003
31	FOX 30	20	347293	MAY 21	2001
32	FOX 31	20	347294	MAY 21	2001
33	FOX 32	16	347295	MAY 21	2002
34	FOX 33	20	347296	MAY 21	2001
35	FOX 34	20	347297	MAY 21	2002
36	FOX 35	16	347520	MAY 21	2002
37	FOX 36	16	347298	MAY 21	2002
38	FOX 37	20	347299	MAY 21	2002
39	FOX 38	20	347300	MAY 21	2000
40	FOX 39	20	347301	MAY 21	2002
41	FOX 40	20	347302	MAY 21	2002
42	FOX 48	20	355296	MAY 21	2002
43	FOX 49	20	355297	MAY 21	2002
44	FOX 50	20	355298	MAY 21	2002
45	PAT 50	20	355292	MAY 21	2001
46	PAT 51	20	355293	MAY 21	2002
47	PAT 52	20	355294	MAY 21	2002
48	PAT 53	20	355295	MAY 21	2002
49	FOX 41	20	349191	MAY 21	2001
50	FOX 42	20	349192	MAY 21	2001
51	FOX 43	5	349193	MAY 21	2001
52	FOX 44	5	349194	MAY 21	2001
53	FOX 45	20	349195	MAY 21	2001
54	FOX 46	20	349196	MAY 21	2001
55	FOX 47	20	349197	MAY 21	2001
56	DELTA 1	8	253002	MAY 21	2006
57	DELTA 2	16	253003	MAY 21	2006

3. LOCATION AND ACCESS:

The Stewart Property is located in the Skeena Mining Division of Northwestern British Columbia, about 80 km northeast of Stewart, and about 70 km by road north of Meziadin Junction (Figures 1, 2, 3). The Delta West Project is situated on the west side of the property and is centred on NTS Map Sheet 104A/12 at Latitude 56°36N'; Longitude 129°38'W. Hwy 37 generally trends northwest through the Deltaic Grid, and along with some old lumber roads, provides excellent access. However in 1999, a major road corridor widing project at times restricted access ("no stopping in the construction zone") to the grid, and actually obliterated a segment of all the grid lines.

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

The Delta West Project is located in and on the east side of the rather gentle topography of the Bell-Irving River Valley (Figure 4). Mountainous topography to the east is dominated by Delta Peak and Oweegee Peak, both over 2200 m. The mountain terrain is incised with young, deep valleys, which trend northeast and that drain the area to the southwest into the Bell-Irving River, which flows south and parallel to Hwy 37.

The exploration field season in the Stewart Camp generally extends from late June to October. With their good access and low elevation, the Delta West targets can be pursued year round. In the summer of 1999, the Stewart area experienced adverse weather that long time residents have characterized as the "worst in memory". Below normal temperatures with rather constant rain and fog entailed generally negative exploration conditions for most of the field season.

Winters have been getting milder. However, snow can cover higher evaluations in early September and accumulations can total 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 Tide Lake Flats (915 m elevation). Summers are usually characterized by long hours of daylight and pleasant temperatures. However, the proximity to the ocean and relatively high mountains can make for highly changeable weather, including dense morning fog along the coast. Stewart is located on the Portland Canal (Figure 2) and has the distinction of being Canada's most northerly, ice-free seaport.

Wildlife in the camp consists of mountain goats, moose, foxes, black bears, grizzly bears, wolves, coyotes, lynx, marmots, martins, ptarmigan, eagles, hawks, jays, gulls, and crows. Swarms of bees and flocks of robins are not uncommon. Vegetation in the valleys and on their edges ranges from dense tag alders to areas of spruce, pine and poplar forest, to clear cut areas, often densely vegetated with fireweed. Sub-alpine spruce thickets, with heather and alpine meadows, occur at higher elevations. Bare rock, talus slopes and glaciers with occasional islands of alpine meadow prevail above treeline, at approximately 1,200 m.

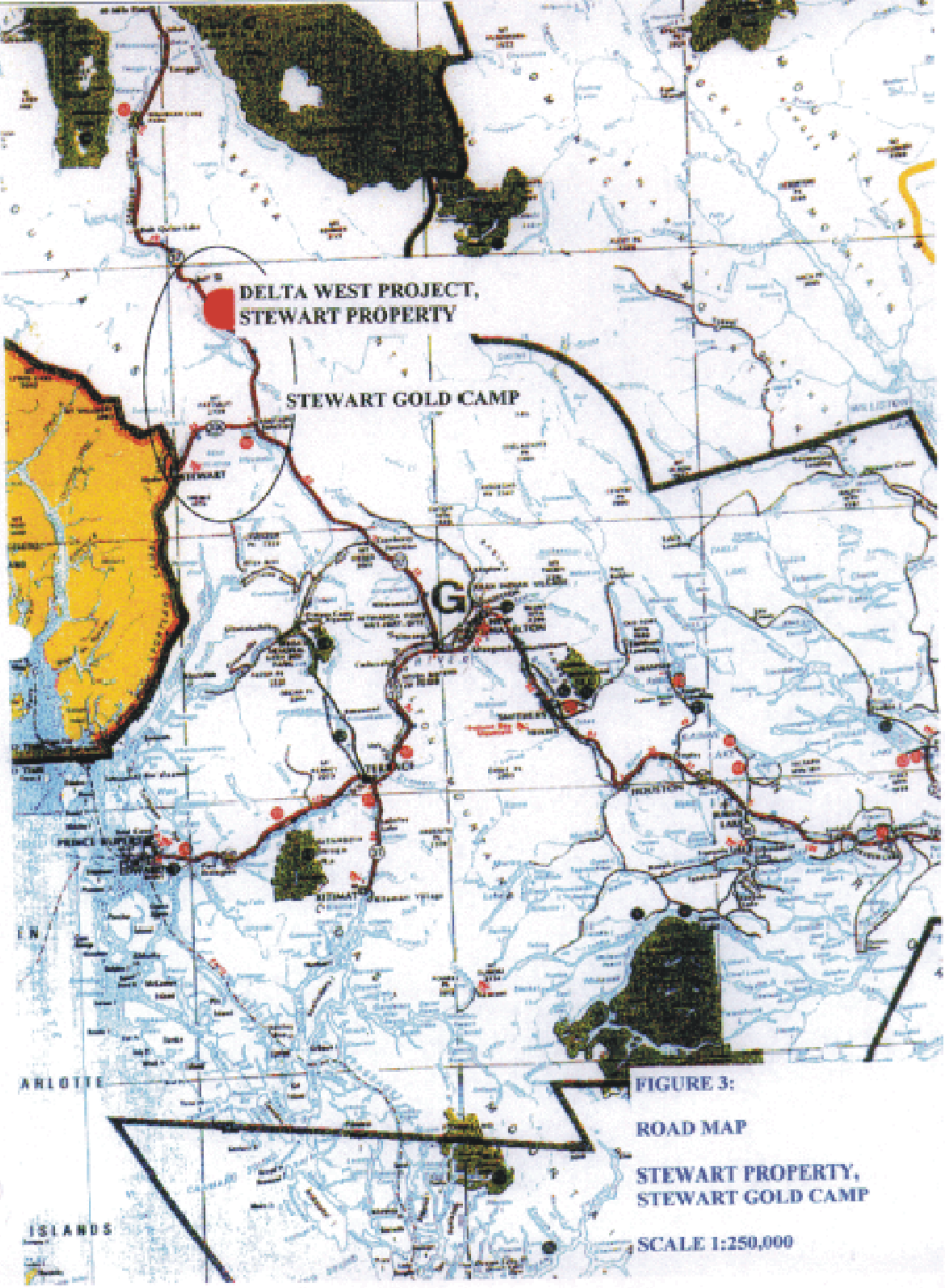


FIGURE 3:

ROAD MAP

STEWART PROPERTY,
STEWART GOLD CAMP

SCALE 1:250,000

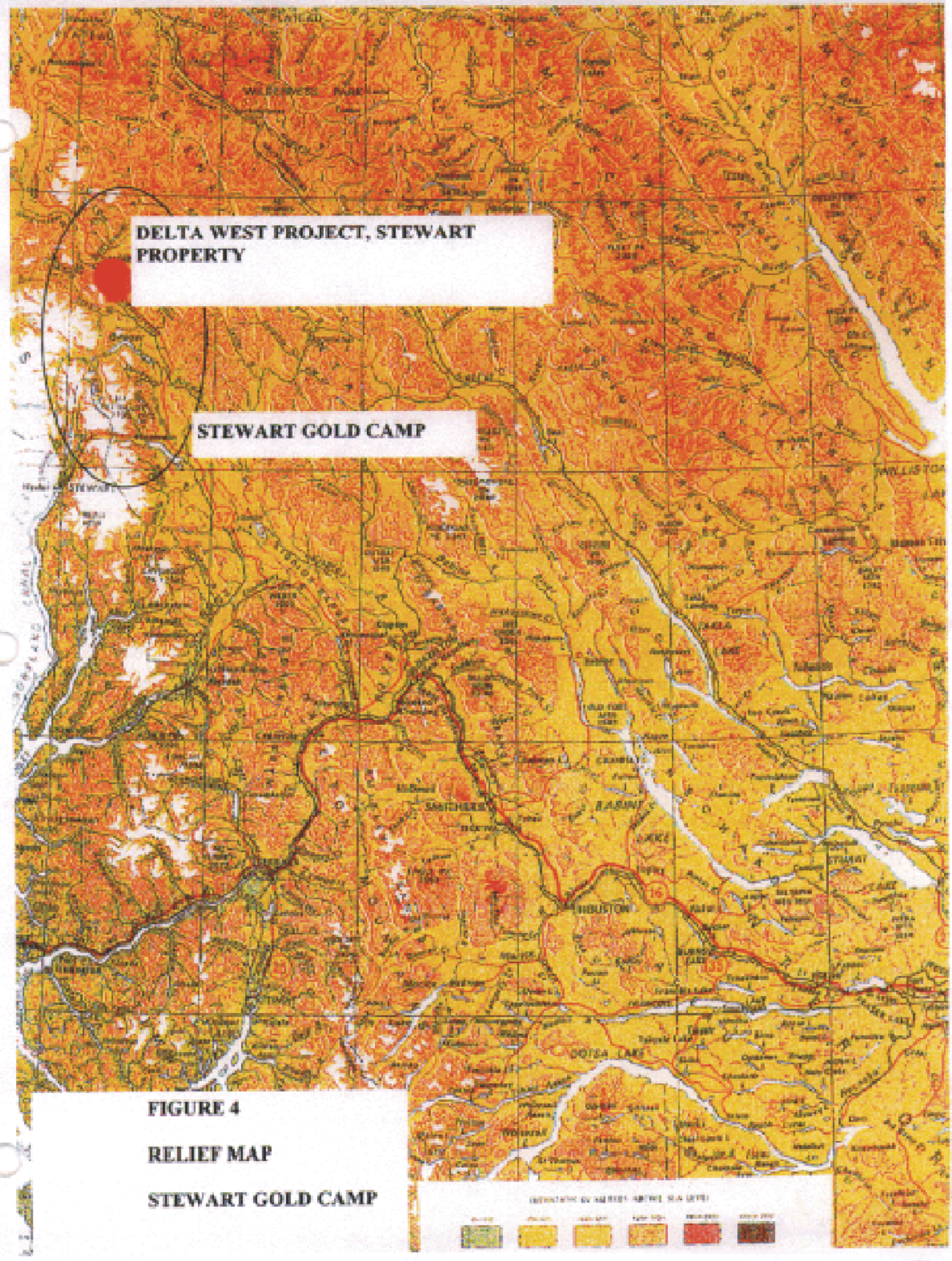


FIGURE 4

RELIEF MAP

STEWART GOLD CAMP

5. EXPLORATION HISTORY:

The central area of the Stewart Camp was prospected at the close of the 19th century, mainly for visible gold in quartz veins. The showings were generally located on patented claims, but very little of this work was documented.

The most prominent early discovery was the historic Silbak-Premier gold-silver mine (Figure 2), which produced 56,000 kg of gold and 1,281,400 kg of silver in its original lifetime from 1918 to 1976. The mine was re-opened by Westmin in 1988 with reserves quoted at 5.9 million tonnes grading 2.16 g gold/t and 80.23 g silver/t (Randall, 1988). The mine closed in 1998 and the 2500 t/d mill facility is currently shut down and under care and maintenance.

The Camp, after more recent discoveries (Figure 2) that include the recently closed Snip Mine (total deposit size of 1,055,105 ounces of gold contained in 1.3 M tonnes); the Eskay Creek Mine (total deposit size of about 7.1 M ounces gold equivalent); and, Red Mountain (with reserves of about 1 M ounces of gold), continues to be regarded as a very prospective environment where discoveries of rich, gold/silver/base metal deposits can be made.

In 1999, it appears that only minor exploration activity took place in the camp, including some diamond drilling at the Eskay Creek Mine and the current program described herein. The decline in metal prices and in the junior equity markets, along with the uncertainty with regard to natural resource policy in BC, and to the resolution of native land claims settlements, have greatly curtailed exploration in the province. Expenditures in the Northwest Region, which extends up to the Yukon in BC, declined to their lowest levels in years, down to about $5.3 M from the approximately $8.5 M in 1998 (pers. com., Paul Wojak, BC geologist). However, industry analysts indicate there could be a dramatic increase in activity in the province, with a more favourable political atmosphere.

Historical exploration activities on the Stewart Property (Figures 1-4) are reported (Annual Report, BC Minister of Mines, 1929) to include Consolidated Mining and Smelting Company of Canada carrying out exploration work on the north side of Treaty Creek, about 58 km from *the confluence of the Bell-Irving River with the Nass River. According to the report,* "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".

As reported in the Report on the 1998 Delta West Project of the Prospectors Assistance Program, subsequent historical activities included:

- a 1991 airborne magnetometer and VLF-EM survey over the Oweegee Dome by Indigo Mines;
- a 1990 regional geochemical program by Cominco and the staking of the Delta Claims (Map 1) that covered various copper and gold anomalies;
- a 1993 reconnaissance and detailed geochemical, geological and IP program funded

by Barrick on the Delta Claims and surrounding ground;

- a 1996 reconnaissance geochemical, geological and claim staking program on the Delta West Project, partly sponsored by the BC Prospectors Assistance Program;
- a 1997 airborne EM and magnetometer survey, and a detailed geological and geochemical follow-up program, along with some IP surveying, funded by Cordal Resources on the Stewart Property;
- a 1998 detailed follow-up geochemical and geological program, and HLEM surveying on the Delta West Grid to locate drill targets, partly sponsored by the BC Prospectors Assistance Program.

6. STEWART CAMP GEOLOGY:

The Stewart Gold Camp and the Stewart Property are situated in 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" (Figures 5, 6) by Grove (1986) and forms part of the Stikinia Terrane. The Stikinia Terrane, together with the Cache Creek and Quesnel Terranes, constitute the Intermontaine 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, Figure 5) during regional mapping conducted from 1964 to 1968. Formational subdivisions have been made 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, by the Geological Survey of Canada (Anderson, 1989; Anderson and Thorkelson, 1990; Lewis, et al, 1993; Creig, et al, 1995). The sedimentological, structural, and stratigraphic framework of the area is being established with some degree of precision.

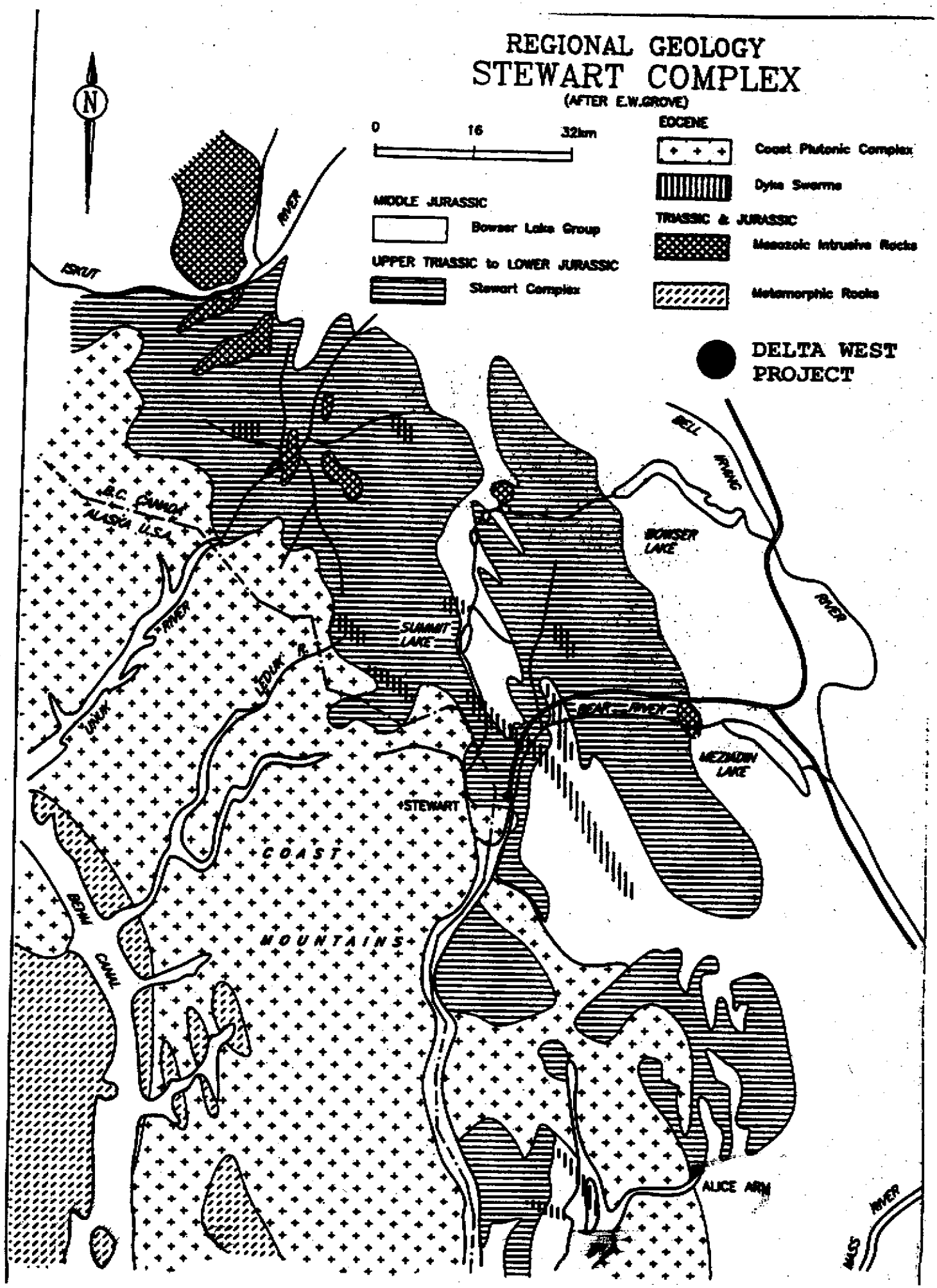
The Hazelton Group represents an evolving (alkalic/calc-alkalic) island arc complex, capped by a thick turbidite succession (Bowser Lake Group). Grove (1986) divided the Hazelton into four litho-stratigraphic units (time intervals defined by Alldrick, 1987):

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 (Toarcian to Oxfordian - Kimmeridigian).


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

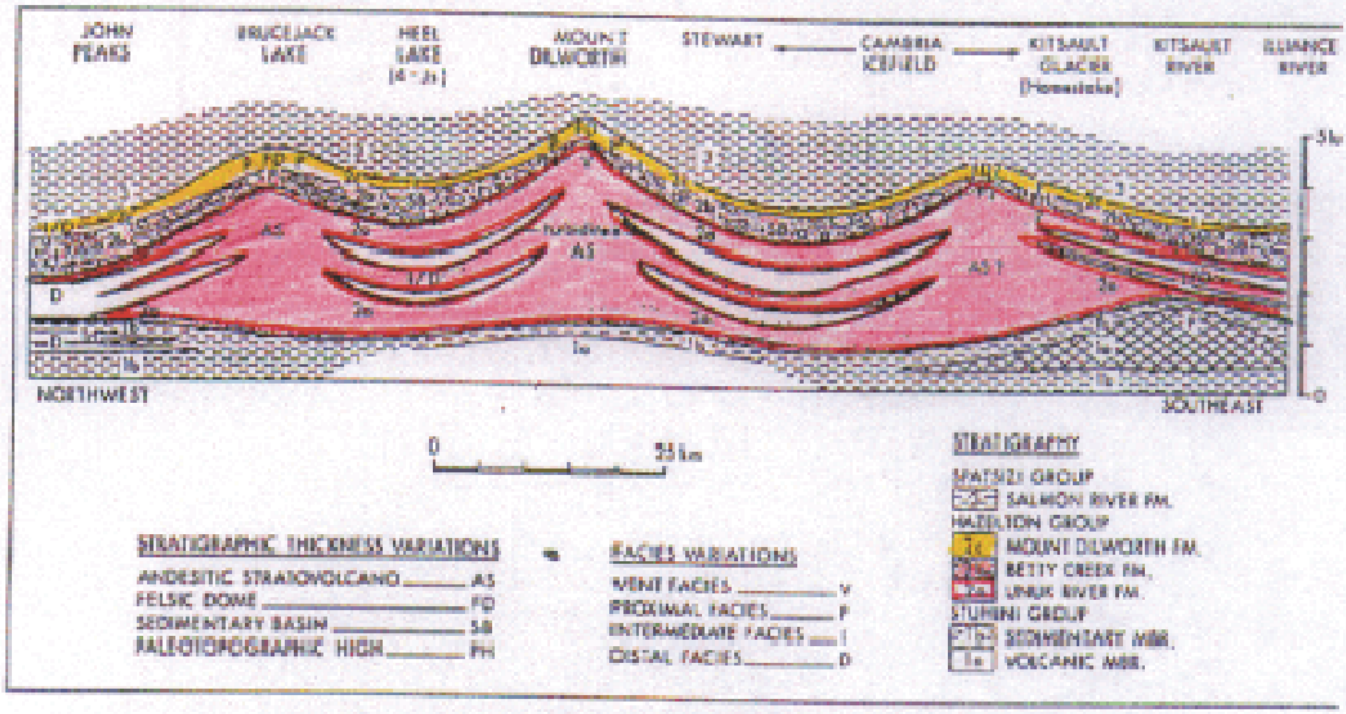


Figure 1-27-4. North-south schematic reconstruction through the Stewart complex.

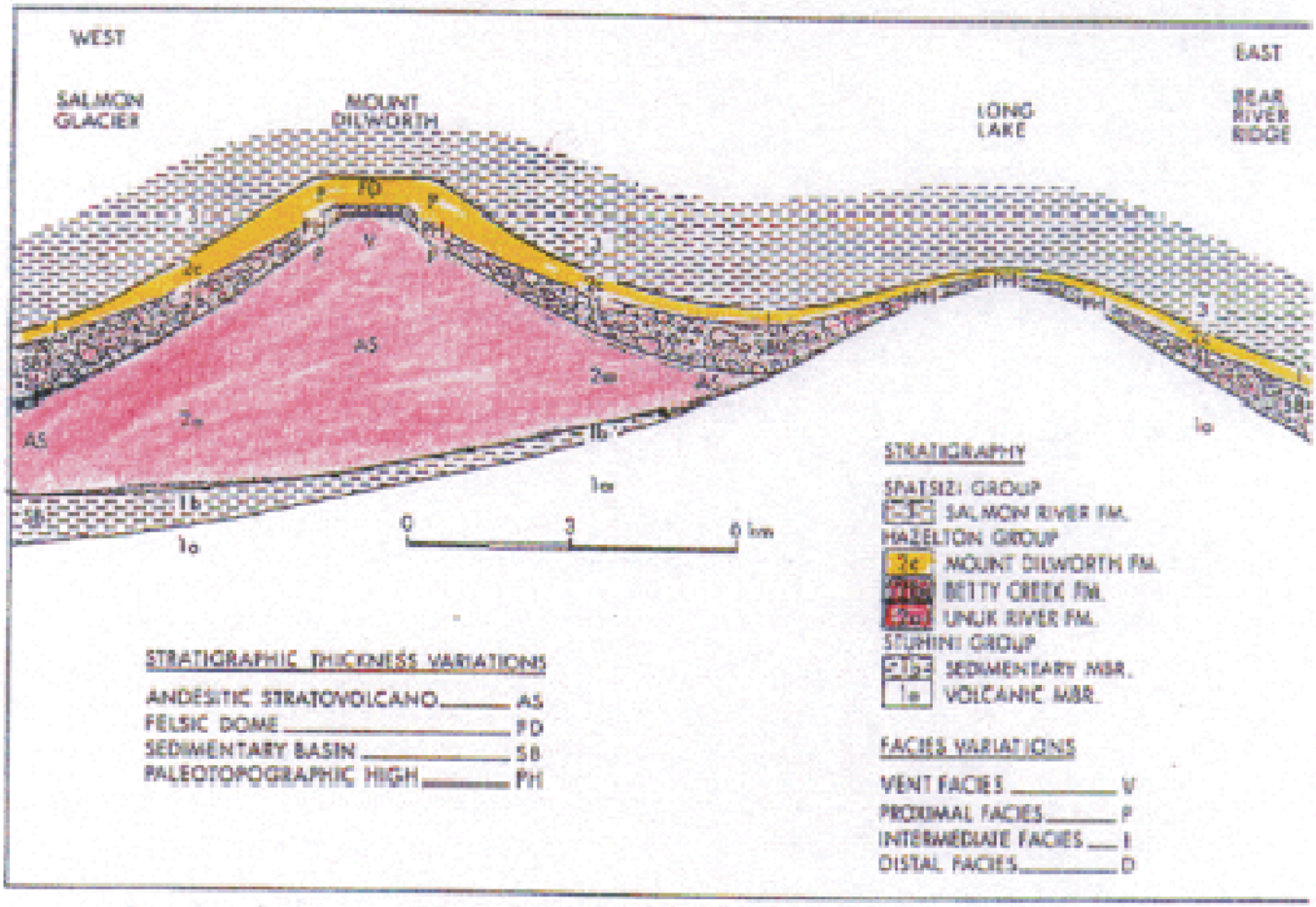


Figure 1-27-5. West-east schematic reconstruction through the Stewart complex.

FIGURE 6A
DILWORTH FORMATION IN STEWART COMPLEX STRATIGRAPHY

Alldrick assigned formational status (Mt. Dilworth Formation, Figure 6A) 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 (Figure 6A), a thick sequence of andesite flows and pyroclastic rocks with minor interbedded sedimentary rocks, hosts a number of major gold deposits in the Stewart Camp (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 6A). This formation represents the climatic 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 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 the Bowser Lake Group sediment "slices" occurring within and overlying the Hazelton Group pyroclastics to the west.

Two main intrusive episodes occurred 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 and phenocrysts and locally potassium feldspar megacrysts. The Eocene Hyder quartz-monzonite, comprising a main batholith, several smaller plugs and a widespread dyke 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 Intermontaine - Insular superterrane boundary (Rubin et al. 1990). Biotite hornfels zones are associated with a majority of the quartz monzonite and granodiorite stocks.

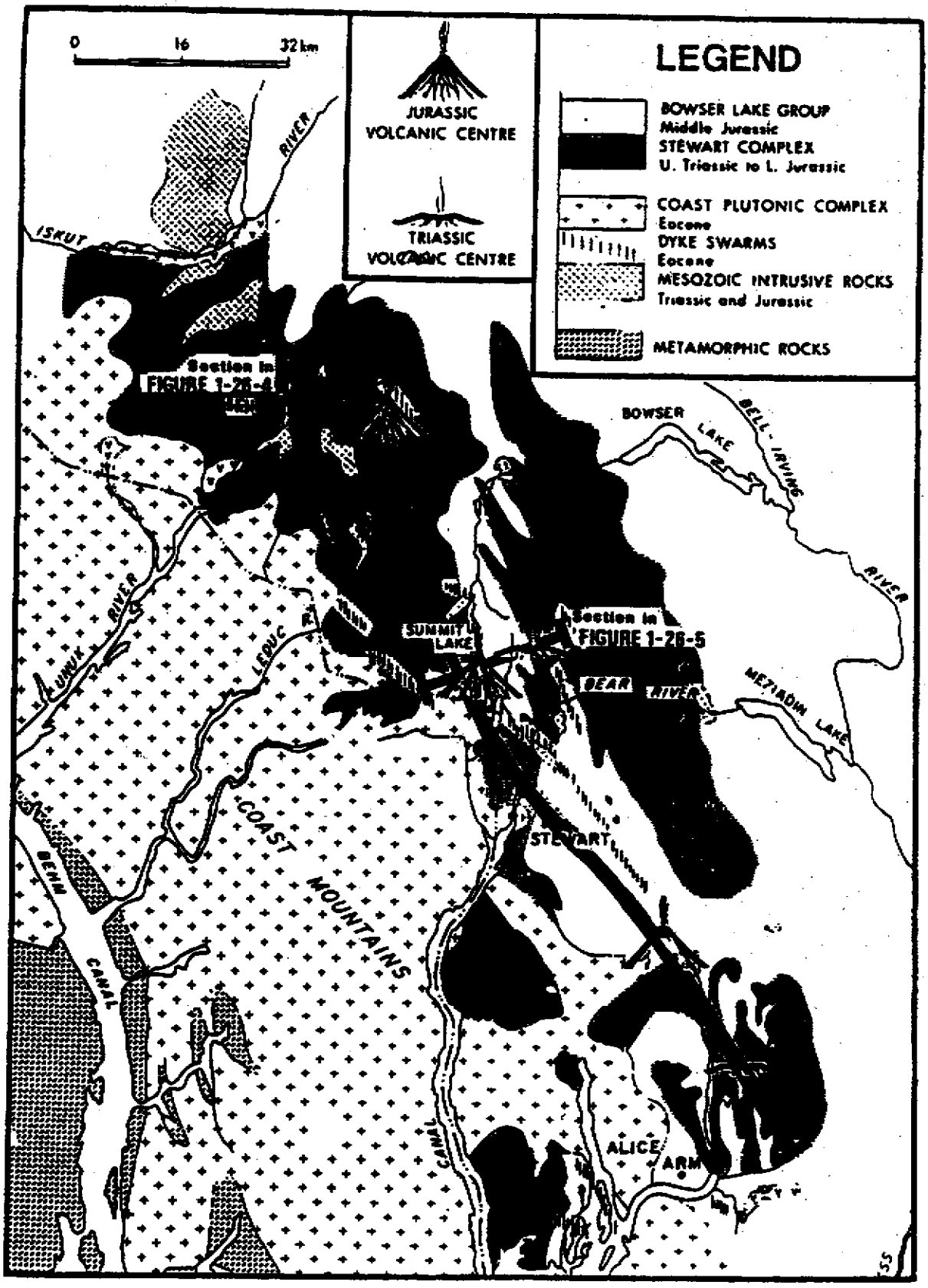
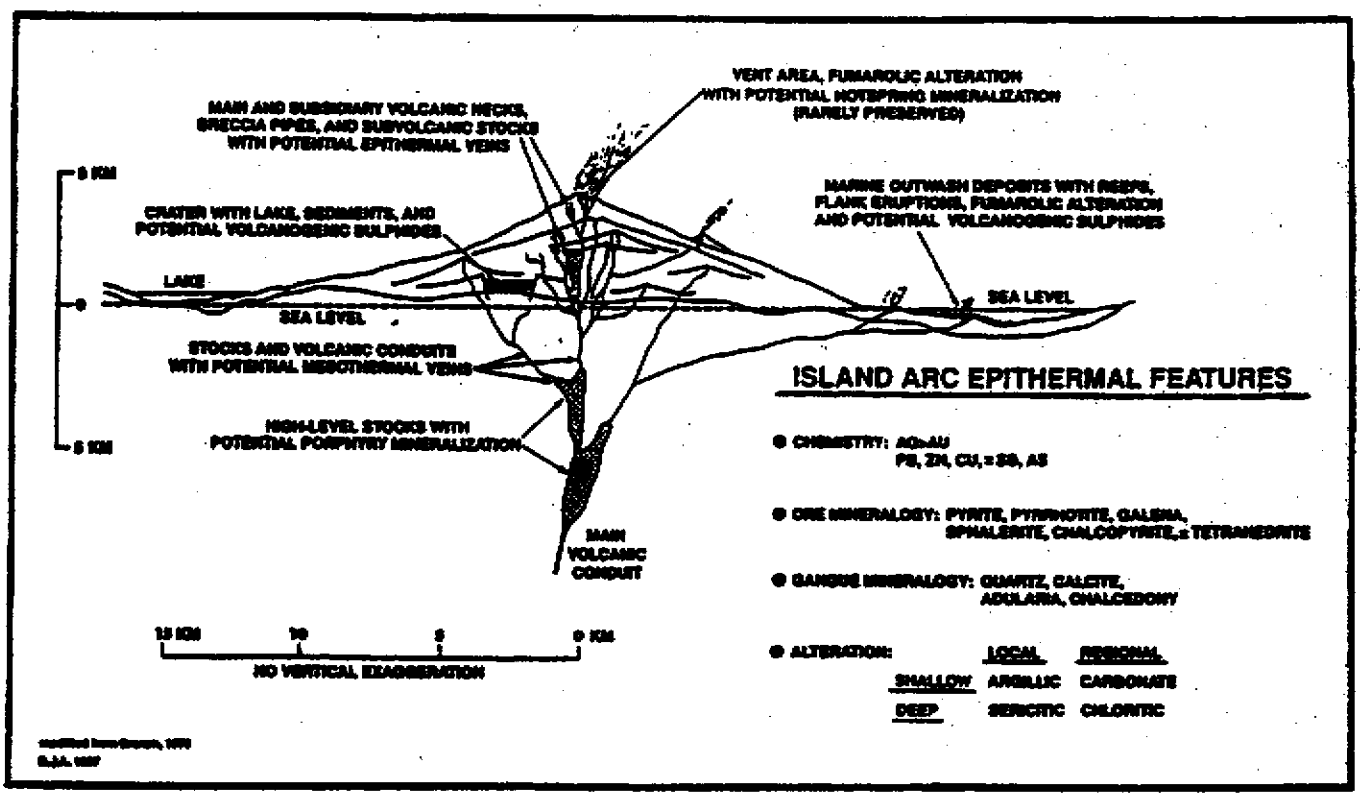


Figure 1-27-3. Distribution of the Stewart complex showing the locations of section lines for Figures 1-27-4 and 1-27-5.

FIGURE 6B

STEWART VOLCANIC BELT



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

FIGURE 6C

MINERALIZATION TYPES
STEWART CAMP

7. STEWART CAMP MINERALIZATION:

The Stewart Complex is the setting for the Stewart (Silbak-Premier, Silver Butte, Big Missouri, Red Mountain, Snip, Johnny Mountain, Eskay Creek), Sulphurets, and Kitsalt (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 6B, C). 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 of gold and 1,281,400 kg of silver in its original lifetime from 1918 to 1976. The mine was re-opened by Westmin in 1988 with reserves quoted at 5.9 million tonnes grading 2.16 g gold/t and 80.23 g silver/t (Randall, 1988). The mine was closed in the summer of 1997 and the mill is currently up for sale.

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 180 m 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.

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 BC Molybdenum Mine at Lime Creek.

The Eskay Creek Mine (current reserves of 1.4 million tonnes grading 57.7 gold/t and 2493 g silver/t) is planning to increase current production from 150 t/d to 250 t/d in October 2000. The 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 stock work 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 continues to expand the original, approximately 280 m by 100 m zone that has an average thickness of 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 are 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.

No exploration was carried out on Royal Oak's Red Mountain project in 1999, and the property is now in the hands of a receiver. Royal Oak had apparently curtailed work in 1997 as a result of a dispute with the BC government. 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 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 stock works of pyrite stringers and veinlets. Gold occurs as native gold, electrum and as tellurides. Approximately 1 M ounces have been outlined to date, with an average grade of about 10 g gold/t.

8. GEOLOGY, DELTA WEST PROJECT, STEWART PROPERTY:

The Delta West Project is postulated to cover a tectonic window in which Jurassic Hazelton Group and Palaeozoic Stikine Assemblages have been exposed by the uplift of broad anticlinal features know 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 is described in the 1993, Phase 1B program report (Molloy, 1993A). The results of the Geological Survey of Canada's mapping of the domes are summarized on Map 2. The west

margin of the Oweegee Dome is dominated by Lower Jurassic Hazelton Group rocks: intermediate to mafic plagioclase-pyroxene lapilli tuff-breccia, lapilli, ash and dust tuffs; intermediate and felsic flows and drived debris flow; tuffaceous arkose siltstone and mudstone; and conglomerate. These rocks as mapped via 1996 and 1997 reconnaissance activities are interpreted to extend west to 300 m east of, and across Hwy 37. On the west side of this contact, the Hazelton Group is overlain by the Upper Jurassic Bowser Lake Group sediments, which include silty sandstones, and fine grained sandstone and arkose. Hazelton Group rocks exposed on the east side of the highway include dacite and rhyolitic units.

9. 1999 PROSPECTORS ASSISTANCE PROGRAM

The 1999 Delta West Project was carried out as part of a regional Prospectors Assistance Program in the Stewart Camp (Molloy, 1999). Exploration activities on the Delta Grid (Map 1) were carried out in July, August and September, as allowed by weather (often incessant rain and fog) and major road construction activities.

The approximately $7000 project expenditure as summarized Table 2 has been apportioned from the Assistance Program, but also includes the cost of the 1999 and the historical data integration, and full report preparation. The Town of Stewart was used as a base for the work, since road crews occupied facilities at Bell 2 and at Meziadin Junction.

9.A. GEOCHEMICAL, GEOLOGICAL ICAL SURVEYS TO PRIORITIZE DRILL TARGETS ON THE DELTA WEST PROJECT, STEWART PROPERTY:

Historical work on the Delta West Grid, as described in the Report on 1998 Prospectors Assistance Program (Molloy, 1998), outlined a number of apparently stratabound zones of Zn-Cd-Ag-Ba soil anomalies that have both IP and HLEM anomaly associations. The targets are located in close proximity to Hwy 37, but are covered by glacial-fluvial overburden that ranges up to over 10 m in depth.

The target mineralization is interpreted to be associated with altered (silicified, carbonatized, hematized, pyritized) HazeltonGroup rhyolites, volcanic breccias and tuffaceous rocks, intruded by apophyses of diorite. These rocks are in contact with Bowser Group sediments near the east side of Hwy 37 and are part of the Oweegee Dome, which was first identified by the GSC (Map S2; Greig, 1991) as being predominantly composed of Hazelton Group stratigraphy. Such rocks on the Deltaic Grid, located about 10 km to the southeast on the Stewart Property, host au-Cu mineralization.

The widening and construction of the Hwy 37 (Map S1) hindered access to, and work on the historic Delta West Grid, which strattles the highway. For a period of time "no stopping" was

TABLE 2: EXPLORATION EXPENDITURES ($ CDN)
(MOB >STEWART CAMP; DELTA WEST PROJECT; DEMOB >TORONTO)

TYPE:	CLAIM NO. (WK ALLOCATION): FOX 33 (55%)	FOX 30 (45%)	AMOUNT:
a. truck: gas, rental, repairs, km	$ 988.24	$ 808.56	$ 1796.80
b. subsistence, accommodation	412.50	337.50	750.00
b. Chemex analytical charges	629.72	515.22	1144.94
c. salaries	467.50	382.50	850.00
d. supplies	188.90	154.56	343.46
e. shipping, courier, communication	265.00	216.81	481.81
f. drafting/data integration	529.65	433.35	963.00
b. writing/data interpretation	441.38	361.12	802.50
c. reproduction	55.00	45.00	100.00
TOTALS	3977.89	3254.62	7232.51

allowed in the construction zone. Exploration activities consisted of the restoration of Grid Lines 30+00N, 28+00N, 26+00N, 22+00N and Base Line 50+00E; and, the collection of a total of 86 fill-in soil samples (Map S3) generally taken at 10 m intervals from the B horizon, and check samples, which were analyzed by 32 element ICP by Chemex Labs in Vancouver.

The samples are described in Table STUDGSO1 and the analytical results for the 11 elements considered most relevant are presented in Table STUDGSOA1. The Zn, Cu, Ni, Ba and Cd soil analytical results have been integrated with the complete, historic geochemical data on Maps S4-S8, respectively. All the1999analytical results are presented on the Chemex Certificates of Analyses in Appendix A. Prospecting and mapping were carried out to locate additional outcrops and apparent structures, and to ascertain whether the axes of the most important HLEM anomalies located in 1998 have any apparent overburden, as opposed to bedrock association. The results of prospecting and mapping activities have been integrated with the historic data on Map S9.

The Delta West project rationale was advanced by both the 1999 regional Prospectors Assistance Program (Molloy, 1999) and by the work on the project. As noted in the program report, sediments from streams draining Bowser Group lithologies in the Stewart Camp are generally characterized by rather elevated Cu and Ni contents. Soil samples overlying Bowser sediments near Hwy 37 appear to have the same Cu-Ni signature (Maps S5, S6), which thus appears to be a useful tool in mapping the contact of the Bowser Group and altered Hazelton Group rocks. The latter rocks are postulated to host wide, stratabound zones of Zn-Cd-Ag-Ba mineralization to the east of the Bowser – Hazelton Group contact. This type of mineralization often halos significant Cu-Au mineralization in the Stewart Camp e.g., the Red Mountain Au-Cu deposit; and, the Delta Grid Cu-Au mineralization located on the Stewart Property about 10 km southeast of the Delta West Grid.

DELTAIC GRID, STEWART PROPERTY: 1999 DETAILED FOLLOW-UP GEOCHEMICAL SURVEYS:
SOIL SAMPLE DESCRIPTIONS:
TABLE STUDGSO1

L30+00N

SAMPLE NO., LOC.	NAME, HORIZ., DEVEL., DEPTH	GR. SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS
86801SO L30N, 48+70E	SLT-SD-GRAV, B, GOOD, 25 CM	SLT-PEBS, ORG BRN	70% SLT, 10% SD, 20% GRAV - HETRO FRAGS, ANG TO RD, BOW SEDS OXID MAT, MIN GR VOL	TO S, HETRO BO SIM TO FRAGS	48+75: NO SURF EVID FOR CONDUCT ON HILLSIDE
86802SO L30N, 48+60E	AS 86801SS				
86803SO L30N, 48+80E	AS 86801SS	BUT C/W 80% SLT, 5% ORG			
86804SO L30N, 48+50E	SLT-SD-GRAV, B, GOOD, 25 CM	SLT-PEBS, BRN	50% SLT, 20% SD, 30% GRAV - HETRO FRAGS, ANG TO RD, BOW SEDS OXID MAT, MIN GR VOL	TO S, HETRO BO RD TO ANG	48+75: NO SURF EVID FOR CONDUCT ON HILLSIDE
86978SO L30N, 55+60E	SLT-SD B, GOOD, 20 CM	SLT-CO, ORG BRN	60% SLT, 40% SD	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT
86979SO L30N, 55+70E	SLT-SD B, GOOD, 20 CM	SLT-CO, ORG BRN	60% SLT, 40% SD	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT
86980SO L30N, 55+80E	SLT-SD B, GOOD, 15 CM	SLT-CO, ORG BRN	60% SLT, 40% SD	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT
86981SO L30N, 55+90E	SLT-SD B, GOOD, 30 CM	SLT-CO, ORG BRN	60% SLT, 40% SD	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT
86982SO L30N, 56+10E	SLT-SD B, GOOD, 30 CM	SLT-CO, ORG BRN	60% SLT, 40% SD	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT
86983SO L30N, 56+20E	SLT-SD B, GOOD, 30 CM	SLT-CO, ORG BRN	60% SLT, 40% SD	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT
86984SO L30N, 56+30E	SLT-SD B, GOOD, 30 CM	SLT-CO, ORG BRN, FK TING	60% SLT, 40% SD	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT
86985SO L30N, 56+40E	SLT-SD-GRAV, B, GOOD, 25 CM	SLT-PEBS, BRN	60% SLT, 30% SD 10% ANG FRAGS OF VOL	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT
86986SO L30N, 56+60E	SLT-SD-GRAV, B, GOOD, 25 CM	SLT-PEBS, BRN	60% SLT, 30% SD 10% ANG FRAGS OF VOL	TO W, NO GEOL	NO APPARENT CAUSE OF CONDUCT

MOST RELEVENT ANALYTICAL RESULTS (32 ELEMENT ICP; SEE TABLE A1 FOR COMPLETE RESULTS)):
TABLE STUDGSOA1

L30+00N

SAMPLE NO.	AG ppm	CU ppm	NI ppm	PB ppm	ZN ppm	CD ppm	BA ppm	AS ppm	SB ppm	HG ppm	MO ppm
86801SO	0.20	20.00	32.00	12.00	252.00	<0.50	350.00	8.00	<2	<1	<1
86802SO	<0.20	16.00	29.00	12.00	226.00	0.50	360.00	8.00	<2	<1	<1
86803SO	<0.20	17.00	33.00	8.00	236.00	0.50	230.00	8.00	2.00	<1	<1
86804SO	<0.20	67.00	67.00	16.00	158.00	0.50	230.00	20.00	<2	<1	1.00
86978SO	<0.20	41.00	45.00	10.00	306.00	2.50	370.00	10.00	<2	<1	<1
86979SO	<0.20	33.00	33.00	8.00	204.00	2.50	290.00	12.00	6.00	<1	<1
86980SO	<0.20	19.00	33.00	8.00	344.00	1.50	170.00	8.00	6.00	<1	<1
86981SO	0.20	27.00	41.00	8.00	272.00	0.50	190.00	14.00	<2	<1	<1
86982SO	0.40	33.00	40.00	10.00	302.00	3.00	410.00	22.00	<2	<1	1.00
86983SO	0.40	19.00	29.00	10.00	394.00	3.00	340.00	14.00	<2	<1	<1
86984SO	0.40	16.00	25.00	8.00	222.00	2.00	230.00	14.00	<2	1.00	<1
86985SO	0.20	49.00	51.00	10.00	146.00	0.50	210.00	32.00	<2	<1	1.00
86986SO	0.40	24.00	21.00	12.00	152.00	1.50	220.00	18.00	<2	<1	1.00

L28N+00 TABLE STUDGSO1

SAMPLE NO., LOC.	NAME, HORIZ., DEVEL., DEPTH	GR. SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS
86805SO L28N, 49+30E	SLT-SD-GRAV, B, GOOD, 25 CM	SLT-PEBS, ORG BRN	60% SLT,20% SD, 20% GRAV - HETRO FRAGS, ANG TO RD, BOW SEDS OXID MAT, MIN GR VOL	TO S, HETRO BO	NO APPARENT CAUSE OF CONDUCT
86806SO L28N, 49+20E	SLT-SD-GRAV, B, GOOD, 25 CM	SLT-PEBS, BRN	60% SLT,20% SD, 20% GRAV - HETRO FRAGS, ANG TO RD, BOW SEDS OXID MAT, MIN GR VOL	TO E, HETRO BO	NO APPARENT CAUSE OF CONDUCT
86807SO L28N, 49+10E	SLT-SD-GRAV, B, GOOD, 20 CM	SLT-PEBS, BRN	SLT FI 20% SLT,80% SD, MIN FRAGS BOW SEDS,	TO S NO GEOL	NO APPARENT CAUSE OF CONDUCT
86808SO L28N, 48+90E	AS 86807SO	FI, BRN			
86809SO L28N, 48+80E	SLT-SD-ORG, AB, GOOD, 40 CM	SLT FI, BR BLK	70% SLT,10% SD, 20% ORG	TO E NO GEOL	NO APPARENT CAUSE OF CONDUCT
86810SO L28N, 48+70E	ORG MUCK, A, POOR, 20 CM	SLT, BLK	50% SLT, 50% SD, 10% ORG	TO E NO GEOL	NO APPARENT CAUSE OF CONDUCT
86811SO L28N, 48+60E	ORG MUCK, B, GOOD, 20 CM	SLT, BRN	50% SLT, 50% SD, 10% ORG	POOR NO GEOL	NO APPARENT CAUSE OF CONDUCT
86812SO L28N, 48+40E	SLT SD, B, GOOD, 30 CM	SLT FI, BRN	70% SLT, 25% SD, 5% ORG	TO NW NO GEOL	NO APPARENT CAUSE OF CONDUCT
86813SO L28N, 48+30E	SLT ORG TR ROOT SAMP	SLT, BRN	50% SLT, 50% ORG,	TO NW NO GEOL	NO APPARENT CAUSE OF CONDUCT
86814SO L28N, 48+20E	SLT , SD B, GOOD, 20 CM	SLT-CO BRN,	20% SLT, 80% SD,	TO NW NO GEOL	NO APPARENT CAUSE OF CONDUCT
86815SO L28N, 48+10E	SLT , ORG AB, GOOD, 20 CM	SLT, ORG BRN BLK	60% SLT, 40% ORG,	TO NW NO GEOL	NO APPARENT CAUSE OF CONDUCT
86816SO 26+75N, 47+75E E SIDE OF RD	ROCK FLOUR	FI BLK	SLT	BOW SEDS EXPOSED DURING RD CONST	

L28+00N TABLE STUDGSOA1

SAMPLE NO.	AG ppm	CU ppm	NI ppm	PB ppm	ZN ppm	CD ppm	BA ppm	AS ppm	SB ppm	HG ppm	MO ppm
86805SO	0.20	21.00	37.00	10.00	340.00	0.50	220.00	6.00	<2	<1	<1
86806SO	<0.20	49.00	55.00	10.00	110.00	<0.5(	150.00	12.00	<2	<1	<1
86807SO	<0.20	79.00	59.00	10.00	134.00	<0.5(	150.00	16.00	<2	<1	<1
86808SO	0.20	40.00	51.00	10.00	146.00	<0.5(	160.00	12.00	2.00	<1	<1
86809SO	1.20	190.00	94.00	8.00	298.00	2.50	490.00	10.00	2.00	<1	<1
86810SO	0.80	113.00	43.00	<2	248.00	1.50	210.00	2.00	<2	<1	1.00
86811SO	<0.20	29.00	21.00	2.00	86.00	0.50	220.00	2.00	<2	<1	<1
86812SO	0.20	27.00	36.00	6.00	156.00	0.50	180.00	13.00	2.00	<1	<1
86813SO	0.80	33.00	35.00	12.00	248.00	2.50	370.00	12.00	<2	<1	<1
86814SO	0.20	29.00	35.00	10.00	372.00	2.50	250.00	10.00	<2	<1	<1
86815SO	0.20	72.00	47.00	6.00	248.00	1.50	420.00	6.00	<2	<1	<1
86816SO	0.20	52.00	68.00	6.00	142.00	<0.5(	170.00	12.00	<2	<1	<1

L28+00N (CONT) TABLE STUDGSO1

SAMPLE NO., LOC.	NAME, HORIZ., DEVEL., DEPTH	GR. SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS
86965SO L28N, 57+15E	SLT SD, B, GOOD, 25 CM	SLT - FI BRN	80% SLT, 20% SD,	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86966SO L28N, 56+90E	CL SLT ORG, AC, POOR, 15 CM	SLT - FI BLK	25% SLT, 25% CL, 40% ORG, 10% TUFF FRAGS	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86967SO L28N, 56+80E	CL SLT ORG, AC, POOR, 15 CM	SLT - FI BLK	25% SLT, 25% CL, 40% ORG, 10% TUFF FRAGS	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86968SO L28N, 56+70E	CL SLT ORG, AC, POOR, 15 CM	SLT - FI BLK	25% SLT, 25% CL, 40% ORG, 10% TUFF FRAGS	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86969SO L28N, 56+60E	SLT SD ORG, B, GOOD, 40 CM	SLT - PEBS ORG BRN	80% SLT, 10% SD, 5% OXID VOL, BRECC 5% ORG	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86970SO L28N, 56+40E	SLT SD GRAV, B, GOOD, 25 CM	SLT - PEBS BRN	50% SLT, 30% SD, 20% TUFF FRAGS	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86971SO L28N, 56+30E	SLT ORG, AC, POOR, 30 CM	SLT BLK	70% SLT, 30% ORG,	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86972SO L28N, 56+20E	SLT SD, B, GOOD, 20 CM	BRN SLT FI	50% SLT, 40% SD, 10% ORG	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86973SO L28N, 56+10E	SLT SD, B, GOOD, 20 CM	BRN SLT FI	50% SLT, 40% SD, 10% ORG	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86974SO L28N, 55+90E	SLT SD ORG, AC, POOR, 20CM	SLT BLK BRN	25% SLT, 50% ORG, 25% SD	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86976SO L28N, 55+80E	SLT SD GRAV, B, GOOD, 20CM	SLT - PEBS BRN	50% SLT, 10% ORG, 40% SD	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR
86977SO L28N, 55+70E	SLT SD GRAV, B, GOOD, 25CM	SLT - PEBS BRN	50% SLT, 10% ORG, 40% SD	TO W NO GEOL	NO SURF EVID FOR CONDUCTOR

L28+00N (CONT) TABLE STUDGSOA1

SAMPLE NO.	AG ppm	CU ppm	NI ppm	PB ppm	ZN ppm	CD ppm	BA ppm	AS ppm	SB ppm	HG ppm	MO ppm
86965SO	0.60	34.00	29.00	10.00	258.00	1.50	250.00	18.00	2.00	<1	<1
86966SO	0.40	76.00	52.00	14.00	632.00	6.00	780.00	18.00	<2	<1	<1
86967SO	0.60	42.00	25.00	25.00	182.00	3.00	270.00	8.00	2.00	<1	1.00
86968SO	0.40	54.00	34.00	8.00	326.00	3.00	260.00	12.00	2.00	<1	<1
86969SO	<0.2	52.00	26.00	14.00	386.00	2.00	260.00	14.00	6.00	<1	<1
86970SO	<0.2	101.00	51.00	12.00	458.00	1.00	420.00	16.00	2.00	<1	1.00
86971SO	0.60	122.00	74.00	12.00	466.00	1.50	290.00	14.00	4.00	<1	1.00
86972SO	<0.2	69.00	53.00	10.00	264.00	1.50	300.00	14.00	2.00	<1	1.00
86973SO	0.20	41.00	54.00	20.00	478.00	1.50	280.00	16.00	6.00	<1	1.00
86974SO	0.20	29.00	37.00	10.00	440.00	5.00	550.00	6.00	4.00	<1	<1
86976SO	0.20	27.00	33.00	12.00	370.00	2.00	370.00	18.00	2.00	<1	<1
86977SO	0.40	24.00	30.00	10.00	252.00	2.50	220.00	12.00	4.00	<1	<1

L26+00N TABLE STUDGSO1

SAMPLE NO., LOC.	NAME, HORIZ., DEVEL., DEPTH	GR. SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS
86846SO L26N, 48+30E	SLT , SD, GRAV, B, GOOD, 25 CM	SLT - PEBS ORG BRN	90% SLT, 5% ORGS, 5% FRAGS MAINLY BOW	TO W NO GEOL	NO APPARENT CAUSE OF CONDUCT
86844SO L26N, 48+40E	AS 86840SO				
86843SO L26N, 48+40E	AS 86840SO				
86841SO L26N, 48+60E	AS 86840SO				
86840SO L26N, 48+70E	SLT , SD, GRAV, B, GOOD, 30 CM	SLT - PEBS ORG BRN	70% SLT, 20 SD% , 5% ANG HETRO ANG FRAGS 5% ORG	TO W NO GEOL	NO APPARENT CAUSE OF CONDUCT
86839SO L26N, 48+80E	AS 86838SO				
86838SO L26N, 48+90E	SLT , SD, GRAV, B, GOOD, 25 CM	SLT - PEBS ORG BRN	60% SLT, 30 SD% , 10% ANG FRAGS MAINLYBOW SEDS ANG	TO W NO GEOL	NO APPARENT CAUSE OF CONDUCT
86817SO L26N, 49+10E	SLT , ORG, B, GOOD, 20 CM	SLT - PEBS BRN	5% SLT, 90% ORG, 5% ANG FRAGS BOW SEDS	TO W SOM BO BOW SEDS	NO APPARENT CAUSE OF CONDUCT
86818SO L26N, 49+20E	AS 86817SO				
86819SO L26N, 49+30E	SLT, SD, ORG, B, GOOD, 30 CM	SLT - PEBS BRN	80% SLT, 10 ORG, 10 SD, MIN FRAGS BOW SEDS	TO W NO GEOL	NO APPARENT CAUSE OF CONDUCT
86820SO L26N, 49+40E	SLT, SD, ORG, B, GOOD, 20 CM		60% SLT, 10 ORG, 30 SD, MIN FRAGS BOW SEDS & QR VOL	TO W NO GEOL	NO APPARENT CAUSE OF CONDUCT
86821SO L26N, 49+60E	SLT, SD, ORG, B, GOOD, 25 CM	SLT ORG BRN	100% SLT	TO W NO GEOL	NO APPARENT CAUSE OF CONDUCT
86822SO L26N, 49+70E	SLT, GRAV B, GOOD, 25 CM	SLT - PEBS ORG BRN	80% SLT 20 PEBS BOW SEDS, OXID MAT	TO W NO GEOL	NO APPARENT SOURCE OF CONDUCT
86823SO L26N, 49+80E	SLT, GRAV B, GOOD, 20 CM	SLT - PEBS ORG BRN	90% SLT 5 SD 5 PEBS BOW SEDS, OXID MAT	TO W NO GEOL	NO APPARENT SOURCE OF CONDUCT

L26+00N TABLE STUDGSOA1

SAMPLE NO.	AG ppm	CU ppm	NI ppm	PB ppm	ZN ppm	CD ppm	BA ppm	AS ppm	SB ppm	HG ppm	MO ppm
86845SO	<0.20	34.00	40.00	10.00	264.00	2.00	350.00	14.00	<2	<1	2.00
86844SO	<0.20	21.00	21.00	4.00	242.00	2.00	310.00	6.00	2.00	<1	1.00
86843SO	0.20	26.00	20.00	14.00	358.00	4.00	470.00	6.00	2.00	<1	3.00
86841SO	0.20	17.00	23.00	6.00	384.00	2.50	490.00	4.00	<2	<1	1.00
86840SO	0.20	21.00	25.00	6.00	282.00	1.50	340.00	8.00	2.00	<1	<1
86839SO	<0.20	26.00	33.00	10.00	264.00	1.50	370.00	16.00	<2	<1	<1
86838SO	<0.20	34.00	34.00	12.00	310.00	1.00	210.00	14.00	2.00	<1	<1
86817SO	0.20	23.00	30.00	6.00	310.00	1.50	460.00	6.00	<2	<1	<1
86818SO	0.60	16.00	34.00	8.00	402.00	2.00	620.00	4.00	2.00	<1	<1
86819SO	0.40	15.00	32.00	8.00	268.00	2.00	490.00	2.00	<2	<1	<1
86820SO	0.60	14.00	29.00	4.00	268.00	1.50	300.00	6.00	<2	<1	1.00
86821SO	0.20	17.00	22.00	8.00	110.00	0.50	170.00	4.00	<2	<1	<1
86822SO	0.40	19.00	27.00	10.00	172.00	<0.5	280.00	12.00	2.00	<1	1.00
86823SO	1.00	47.00	33.00	12.00	236.00	1.50	320.00	6.00	<2	<1	2.00

L26+00N (CONT) TABLE STUDGSO1

SAMPLE NO., LOC.	NAME, HORIZ., DEVEL., DEPTH	GR. SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS
86824SO L26N, 49+90E	SLT, MIN ORG, B, GOOD, 20 CM	SLT BRN	100% SLT	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC"
86846SO L26N, 53+80E	SLT , SD, GRAV, B, GOOD, 20 CM	SLT - PEBS ORG BRN	80% SLT, 10 SD% , 10% ANG FRAGS OF GR VOL BRECC	TO W HETRO BO	NO APPARENT SOURCE OF CONDUC"
86847SO L26N, 53+90E	SD, GRAV, BK SAMP	FI - PEBS BRN	80% SD, 20 GRAV , HETRO FRAGS	TO SE NO GEOL	NO APPARENT SOURCE OF CONDUC"
86848SO L26N, 54+10E	SLT, SD, GRAV, B, GOOD, 25 CM	SLT - PEBS ORG BRN	80% SLT, 10 HETRO FRAGS, MOSTLY OXID, 10% FI SD	TO SE NEAR MAJOR LIN @ 340 DEG @54+15E	NO APPARENT SOURCE OF CONDUC"
86849SO L26N, 54+20E	SD, ORG, AC, POOR, 30 CM	SLT - FI BLK	30% SLT, 70% SD	TO NW NO GEOL	NO APPARENT SOURCE OF CONDUC"
86850SO L26N, 54+30E	SD, ORG, SLT, B, GOOD, 35 CM	SLT - FI ORG BRN	60% SLT, 30% SD 10% ORG	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC"
86852SO L26N, 54+40E	SLT GRAV ORG, AC, POOR, 30 CM	SLT - FI BLK BRN	70% SLT, 5% ORG, 15% HETRO FRAGS, MAINLY OXID BRECC	TO W PYROCLASTIC BO INCL TUFF	NO APPARENT SOURCE OF CONDUC"
86853SO L26N, 54+50E	SLT, SD, GRAV, B, GOOD, 20 CM	SLT - PEBS ORG BRN	60% SLT, 10 HETRO FRAGS, INCL ANG SHALE, RD BRECC 30% FI SD	TO W SOM HETRO FRAGS	NO APPARENT SOURCE OF CONDUC"
86854SO L26N, 54+70E	SLT, SD, GRAV, B, GOOD, 20 CM	SLT - PEBS ORG BRN	60% SLT, 10% HETRO FRAGS, INCL ANG SHALE, RD BRECC 30% FI SD	TO W SOM HETRO FRAGS	NO APPARENT SOURCE OF CONDUC"
86855SO L26N, 54+80E	CL SLT, B, GOOD, 20 CM	CL SLT ORG BRN	80% SLT, 10% CL, 5% ORGS, 5% FRAGS, INCL GR TUFF	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC"
86856SO L26N, 54+90E	CL SLT, B, GOOD, 20 CM	CL SLT ORG BRN	80% SLT, 10% CL, 5% ORGS, 5% FRAGS, INCL GR TUFF	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC"
86857SO L26N, 55+10E	SLT SD GRAV, B, GOOD, 20 CM	SLT - PEBS ORG BRN	60% SLT, 30% SD, 10% HETRO FRAGS - MOSTLY VOL	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC"
86858SO L26N, 55+20E	SLT SD GRAV, B, GOOD, 20 CM	SLT - PEBS ORG BRN	60% SLT, 30% SD, 10% HETRO FRAGS - MOSTLY VOL	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC"
86859SO L26N, 55+30E	SLT SD GRAV, B, GOOD, 30 CM	SLT - PEBS ORG BRN	60% SLT, 30% SD, 10% HETRO FRAGS - MOSTLY VOL 5% ORG	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC"
86860SO L26N, 55+40E	SLT SD GRAV, B, GOOD, 30 CM	SLT - PEBS ORG BRN	60% SLT, 30% SD, 10% HETRO FRAGS - MOSTLY VOL 5% ORG	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC"

L26+00N (CONT) TABLE STUDGSOA1

SAMPLE NO.	AG ppm	CU ppm	NI ppm	PB ppm	ZN ppm	CD ppm	BA ppm	AS ppm	SB ppm	HG ppm	MO ppm
8682450	<0.20	21.00	14.00	6.00	94.00	0.50	180.00	8.00	<2	<1	1.00
8682460	0.20	30.00	35.00	10.00	350.00	1.50	280.00	20.00	<2	<1	<1
8682470	0.20	86.00	54.00	12.00	172.00	2.00	180.00	30.00	<2	<1	2.00
8682480	0.20	18.00	15.00	10.00	98.00	1.50	140.00	16.00	2.00	<1	<1
8682490	0.20	83.00	45.00	12.00	144.00	2.00	220.00	14.00	<2	<1	1.00
8682500	0.20	32.00	40.00	6.00	222.00	1.50	100.00	22.00	<2	<1	3.00
8682520	0.40	43.00	39.00	2.00	396.00	6.50	380.00	10.00	<2	<1	1.00
8682530	0.20	32.00	47.00	10.00	418.00	3.50	250.00	14.00	<2	<1	1.00
8682540	0.20	54.00	26.00	16.00	258.00	4.00	430.00	10.00	<2	<1	3.00
8682550	<0.20	22.00	25.00	6.00	268.00	2.50	250.00	10.00	<2	<1	1.00
8682560	0.20	23.00	19.00	8.00	174.00	2.00	160.00	14.00	<2	<1	2.00
8682570	0.20	29.00	28.00	10.00	208.00	3.00	150.00	12.00	<2	<1	<1
8682580	0.20	26.00	23.00	10.00	368.00	14.00	390.00	8.00	<2	<1	3.00
8682590	0.20	29.00	44.00	12.00	272.00	2.50	200.00	16.00	<2	<1	1.00
8682600	0.20	38.00	30.00	8.00	214.00	0.50	160.00	14.00	2.00	<1	3.00

L26+00N (CONT) TABLE STUDGSO1

SAMPLE NO., LOC.	NAME, HORIZ., DEVEL., DEPTH	GR. SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS
86961SO L26N, 55+60E	SLT SD GRAV, B, GOOD, 25 CM	SLT - PEBS BRN	60% SLT, 30% SD, 10% HETRO FRAGS - MOSTLY VOL MIN ORG	TO W HETRO BO INCL RHY, GR TUFF	NO APPARENT SOURCE OF CONDUC
86962SO L26N, 55+70E	SLT SD GRAV, B, GOOD, 25 CM	SLT - PEBS ORG BRN	60% SLT, 30% SD, 10% HETRO FRAGS - MOSTLY VOL MIN ORG	TO W HETRO BO INCL RHY, GR TUFF	NO APPARENT SOURCE OF CONDUC
86963SO L26N, 55+80E	SLT SD GRAV, B, GOOD, 20 CM	SLT - PEBS BRN	60% SLT, 30% SD, 10% HETRO FRAGS - MOSTLY VOL MIN ORG	TO W HETRO BO INCL RHY, GR TUFF	NO APPARENT SOURCE OF CONDUC
86964SO L26N, 55+90E	SLT SD GRAV, B, GOOD, 20 CM	SLT - PEBS BRN	60% SLT, 30% SD, 5% HETRO FRAGS - MOSTLY VOL 5% ORG	TO W NO GEOL	NO APPARENT SOURCE OF CONDUC

L26+00N (CONT) TABLE STUDGSOA1

SAMPLE NO.	AG ppm	CU ppm	NI ppm	PB ppm	ZN ppm	CD ppm	BA ppm	AS ppm	SB ppm	HG ppm	MO ppm
86961SO	0.20	18.00	23.00	14.00	272.00	2.00	270.00	8.00	<2	<1	<1
86962SO	0.20	43.00	50.00	10.00	240.00	0.50	320.00	16.00	<2	<1	<1
86963SO	<0.20	27.00	36.00	10.00	272.00	0.50	260.00	12.00	<2	<1	<1
86964SO	<0.20	35.00	38.00	14.00	294.00	2.00	350.00	16.00	2.00	<1	<1

L24+00N TABLE STUDGSO1

SAMPLE NO., LOC.	NAME, HORIZ., DEVEL., DEPTH	GR. SIZE, COLOUR	COMPOSITION	DRAINAGE, GEOLOGY	COMMENTS
86826SO L24N, 50+40E	SLT, SD, B, GOOD, 20 CM	SLT ORG BRN	60 SLT, 40 SD MIN ORG	TO W SOM HETRO BO, MAINLY OXID	NO SURF EVID FOR CONDUCTOR
86827SO L24N, 50+30E	SLT, SD GRAV, B, GOOD, 20 CM	SLT - PEBS ORG BRN	40 SLT, 40 SD 20 HETRO PEBS	TO W SOM HETRO BO, MAINLY OXID	NO SURF EVID FOR CONDUCTOR
86828SO L24N, 50+20E	AS 86827SO			TO W SOM HETRO BO, INCL FELSIC MAT	NO SURF EVID FOR CONDUCTOR
86829SO L24N, 50+10E	AS 86827SO 25 CM			TO W SOM HETRO BO, INCL RHY MAT	NO SURF EVID FOR CONDUCTOR
86830SO L24N, 49+90E	AS 86829SO				
86831SO L24N, 49+80E	AS 86829SO 40 CM			GEOL INCL NO OF RHY BO	NO SURF EVID FOR CONDUCTOR
86832SO L24N, 49+70E	SLT, SD GRAV, B, GOOD, 30 CM	SLT - PEBS ORG BRN	70 SLT, 20 SD 10 HETRO PEBS	TO W SOM HETRO BO	NO SURF EVID FOR CONDUCTOR
86833SO L24N, 49+60E	AS 86832SO 25 CM				
86834SO L24N, 49+40E	SLT, SD GRAV, B, GOOD, 30 CM	SLT - PEBS ORG BRN	70 SLT, 20 SD 10 HETRO PEBS	TO W SOM HETRO BO	NO SURF EVID FOR CONDUCTOR
86835SO L24N, 49+30E	AS 86834SO 40 CM		INCL 5 % PEBS 70% SILT	TO W LOTS OF VOL BRECC BO	NO SURF EVID FOR CONDUCTOR
86836SO L24N, 49+20E	SLT, SD B GOOD 25 CM	SLT - CO SLT - PEBS ORG BRN	80 SLT, 20 SD	TO W LOTS OF VOL BRECC BO	NO SURF EVID FOR CONDUCTOR
86837SO L24N, 49+10E	SLT, SD GRAV, A C, GOOD, B, 15 CM	SLT - PEBS ORG BRN	30 SLT, 20 SD 50% HETRO PEBS	TO W GEOL IN VOL BRECC BO	NO SURF EVID FOR CONDUCTOR

L24+00N TABLE STUDGSOA1

SAMPLE NO.	AG ppm	CU ppm	NI ppm	PB ppm	ZN ppm	CD ppm	BA ppm	AS ppm	SB ppm	HG ppm	MO ppm
86826SO	<0.2	22.00	28.00	10.00	296.00	0.50	280.00	12.00	2.00	<1	<1
86827SO	<0.2	21.00	25.00	10.00	308.00	<0.	250.00	14.00	<2	<1	<1
86828SO	<0.2	28.00	30.00	14.00	306.00	0.50	220.00	16.00	6.00	<1	<1
86829SO	0.20	22.00	35.00	8.00	616.00	2.00	250.00	10.00	2.00	<1	<1
86830SO	<0.2	31.00	38.00	10.00	292.00	0.50	240.00	20.00	2.00	<1	<1
86831SO	<0.2	28.00	36.00	12.00	260.00	<0.	230.00	20.00	2.00	<1	1.00
86832SO	0.20	20.00	23.00	50.00	370.00	0.50	190.00	14.00	2.00	<1	<1
86833SO	0.20	40.00	38.00	12.00	200.00	1.00	210.00	22.00	2.00	<1	1.00
86834SO	<0.2	26.00	27.00	14.00	534.00	2.50	240.00	12.00	2.00	<1	<1
86835SO	<0.2	37.00	34.00	14.00	292.00	1.50	400.00	18.00	<2	<1	<1
86836SO	<0.2	26.00	19.00	12.00	530.00	3.00	560.00	4.00	<2	<1	<1
86837SO	<0.2	30.00	30.00	14.00	346.00	2.00	260.00	20.00	4.00	<1	<1

From the integration of the historical and current geophysical, geological and soil Cu, Ni, Zn, Cd and Ba geochemical information (Maps S2-S9), the Highway and Central/East Zn Zones are interpreted to offer high priority polymetallic, year round drill targets in close proximity to Hwy 37. Although there are few outcrops on the grid, the distribution of the various rock boulder types (Map S9) appears reflective of the underlying bedrock types. The main zones of interest are thus postulated to be associated with altered Hazelton Group tuffs and breecias. The most common alteration types are limonite, hematite, silica and and chlorite. No apparent surficial sources were found for the HLEM anomalies associated with the main targets.

The Highway Zn Zone, as outlined by threshold Zn, Cd and Ba contours of 300 ppm, 1.5 ppm and 200 ppm, respectively (Maps S4, S7, S8) is centered at about L48+50N (Map S4) and ranges up to over 150 m in width. Historical work indicates the zone has a northwest strike length of over 2 km and moderate IP correlation on the three lines (26+00N, 22+00N, 14+00N) that have been run with IP to date.

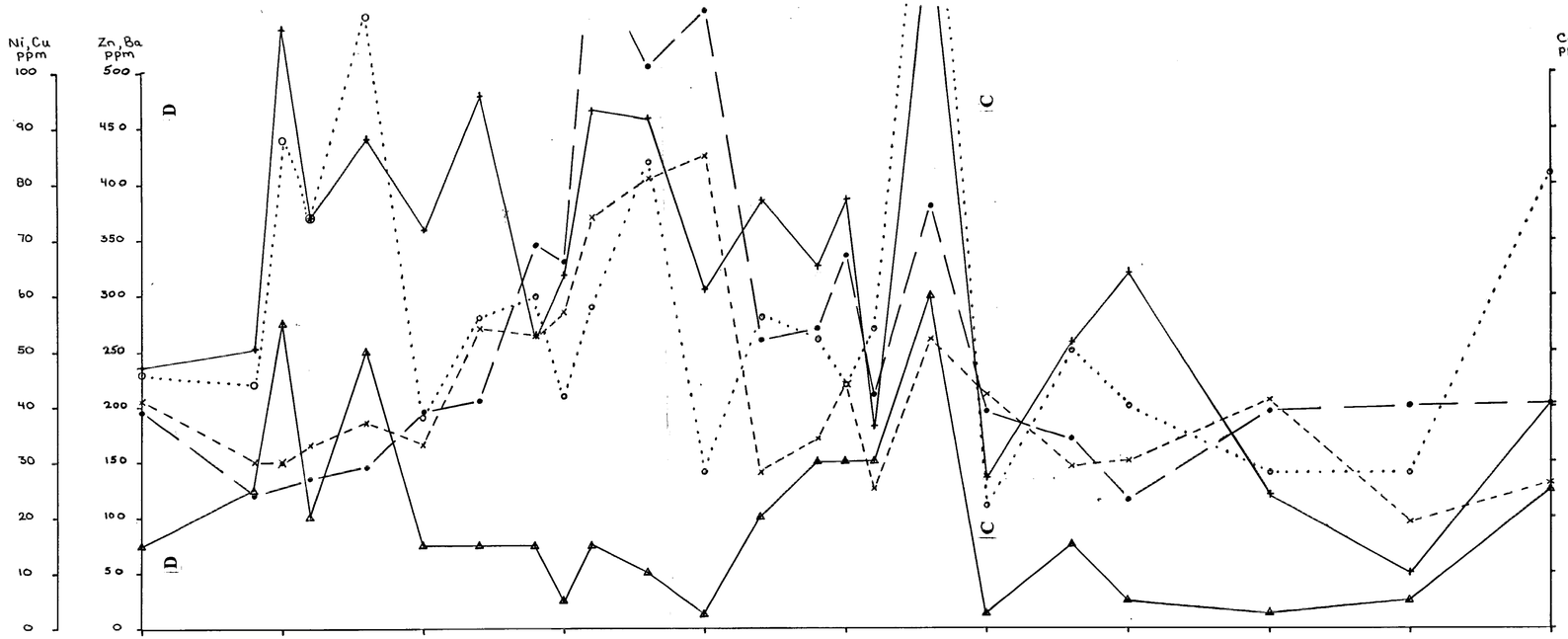
The Central/East Zn Zone is centred at about L56+00N and offers a similar, if not more important target, since stronger soil Cu and Ni values (Maps S5, S6), in this case believed to be associated with altered Hazelton Group rocks, have a overlapping relationship with the east side of the Central/East Zn Zone. The zone also exhibits an apparent flexure (Map S4) that is associated with some of the strongest soil Zn, Cu and Ni values. A strong IP anomaly is correlative with the zone on L28+00N (the only grid line in the 1999 detailed follow-up area on which the historic IP survey was run). At least two HLEM anomaly axes (Map 4) are associated with the wide zone (up to over 200 m) as outlined by threshold contours of 300 ppm Zn, 200 ppm Ba and 1.5 ppm Cd (Maps S4, S7, S8). Based on the historical work, the zone has a strike length of over 2 km.

The two diamond drill holes now recommended to initially test the targets (Map S4) total 550 m and represent a significant revision of the1998 drill proposal. Hole DW01-00 would be collared on L28+00N at 55+50E and drilled for 250 m at an azimuth of 60° and a dip of 45° to test the East/Central Zn Zone (Figure 7). Dependent on the success of the first hole, Hole 2 could be immediately drilled under Hole 1 from the same set-up (Figure 7). Or, Hole 2 could be collared at 47+50E on L24+00N to test the Hwy Zone, and would be drilled at an azimuth of 60° and a dip of 45° under Hwy 37, for about 300 m (Figure 8).

Projected IP chargeability anomaly

55+50E | 55+75E | 56+00E | 56+25E | 56+50E | 56+75E | 57+00E | 57+25E | 57+50E | 57+75E | 58+00E

Ni, Cu ppm | Zn, Ba ppm | Cd ppm



SAMPLE NUMBERS

84803 | 84717 | 84802 | 84716 | 84714 | 84801 | 84713 | 84712 | 598159 | 84711 | 84710 | 598158 | 84709 | 84708 | 598157 | 84707 | 84706 | 598156 | 84705 | 598155 | 598154 | 598153 | 598152

DW00-01

-45°

FIGURE 7

STEWART PROPERTY:
PROPOSED LOCATION OF DW00-01
SHOWING Zn, Cd, Ba, Cu & Ni SOIL GEOCHEMICAL PROFILES

LINE 28+00N Looking 330 degrees

DW00-01 — proposed drill hole-horizontal projection

C C axis of interpreted HLEM conductor

strong IP chargeability anomaly projected from L26+00N

Horizontal Scale 1:500

GEOCHEMICAL PROFILE

Soil Sample Locations

Zn (ppm)

Ba (ppm)

Ni (ppm)

Cu (ppm)

Cd (ppm)

Geofine Exploration Consultants Ltd Apr 2000

Projected IP chargeability anomaly

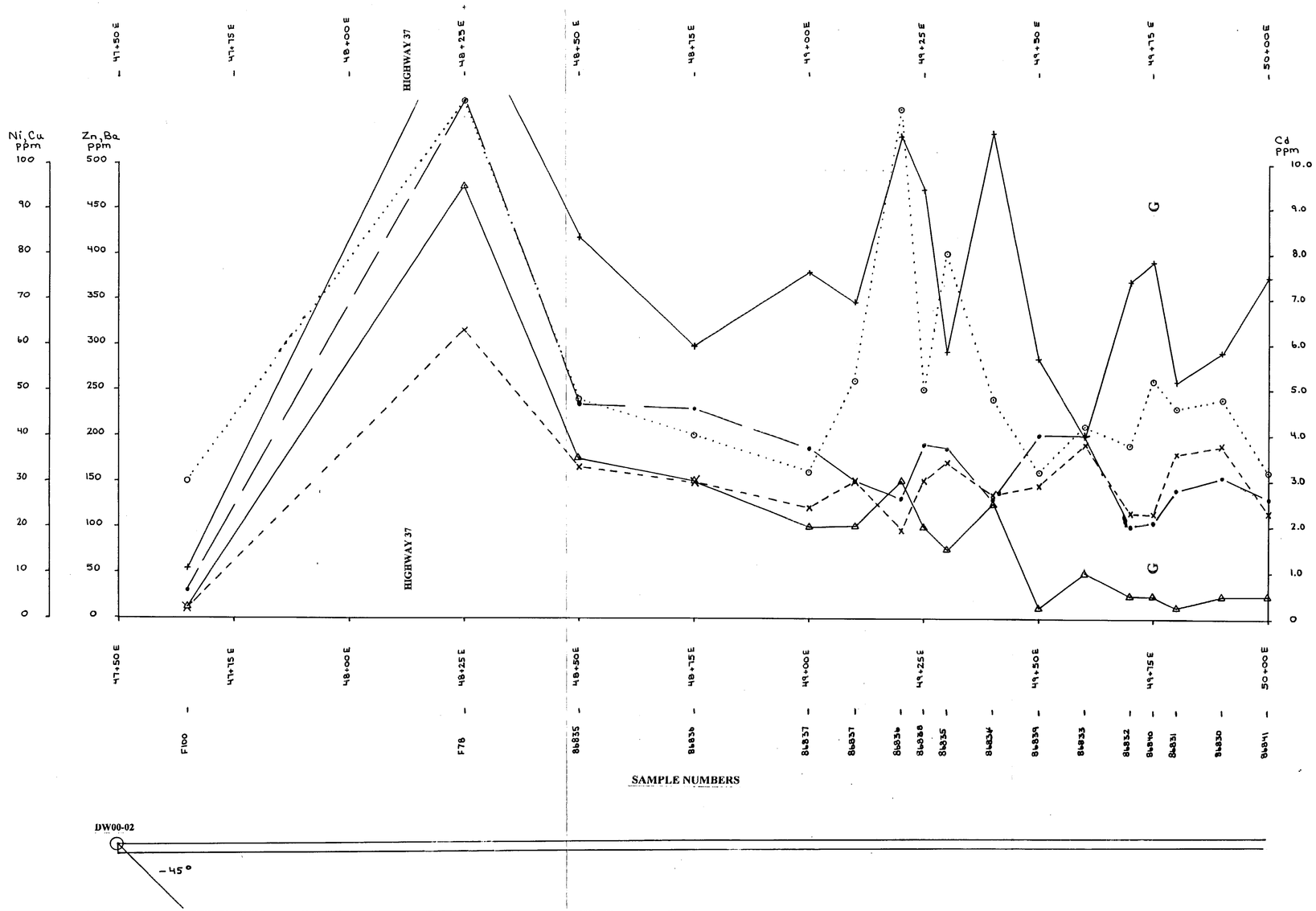


FIGURE 8

STEWART PROPERTY:
PROPOSED LOCATION OF DW00-02 SHOWING Zn, Cd, Ba, Cu & Ni SOIL GEOCHEMICAL PROFILES

LINE 24+00N Looking 330 degrees

DW00-02
proposed drill hole-horizontal projection

C C axis of interpreted HLEM conductor

moderate IP chargeability anomaly projected from L26+00N

Horizontal Scale 1:500

GEOCHEMICAL PROFILE

Soil Sample Locations

Zn (ppm)

Ba (ppm)

Ni (ppm)

Cu (ppm)

Cd (ppm)

Geofine Exploration Consultants Ltd Apr 2000

10. CONCLUSIONS, RECOMMENDATIONS:

10.A. CONCLUSIONS:

It is concluded that the Delta West Grid hosts the most consistent and most extensive Zn-Ag-Cd-Ba soil anomalies that the author is aware of in the Stewart Camp, based on over 12 years of field exploration experience in the camp. The strength of the anomalies also compares favourably to those in the Grenville Province of Ontario, Quebec and New York State that are associated with significant Zn deposits. The anomalies also have moderate to high IP chargeability association, and based on the results of the 1999 program, are deemed to offer high priority Zn-Pb-Ag, and perhaps associated Cu-Au targets, which now require evaluation with diamond drilling.

The Bowser Group Cu-Ni signature and the distribution of rock boulders appear to be useful mapping tools in the mainly overburden covered terrain. The good correlation of soil Zn, Cd, and Ba anomalies and their IP expression delineates rather precise drill targets in favourable Hazelton Group stratigraphy. Soil Cu-Ni anomalies, apparently associated with altered Hazelton Group rocksand associated intrusive rocks of dioritic composition, flank the Central/East Zn Zone on the east. The anomalies are considered to possibly reflect Cu-Au targets, such as those on the Deltaic Grid, about 10 km to the southeast.

10.B. RECOMMENDATIONS:

It is recommended that the Highway and Central/East Zn Zones be initially drill tested with two holes comprising a total of 550 m. The targets are located in close proximity to Hwy 37 and on relatively flat ground, in a clear-cut accessible by old lumber roads. Such infrastructure thus provides low cost, year round exploration opportunities. It is further recommended that the work be carried out in conjunction with follow-up drill testing of the significant gold-copper targets on the Deltaic Grid to the southeast (Molloy, 1997). An aggregate, 1000 m drill program is thus proposed as the next stage of exploration on the Stewart Property.

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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 a prospector/geologist with an 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);

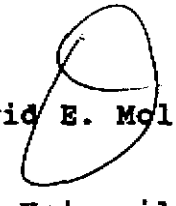
iii. I have practised my profession in mineral exploration continuously for the past 27 years;

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 Association of Geoscientists of Ontario; of the Prospectors and Developers' Association; of the Association of Exploration Geochemists; and of the BC & Yukon Chamber of Mines.

vi. I have prepared this "Report On The 1999 Delta West Project: Detailed Geochemical And Geological Surveys Carried Out To Prioritize Drill Targets On The Stewart Property"; and, 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 David E. Molloy.



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

Dated at Unionville, Ontario, this 9th day of April, 2000.

APPENDIX A

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: MOLLOY, DAVID
PROP
49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project : GRDW
Comments: ATTN: DAVID MOLLOY

Page Number : 1-A
Total Pages : 3
Certificate Date: 17-SEP-1999
Invoice No. : I9927995
P.O. Number : GR
Account : RIX

CERTIFICATE OF ANALYSIS A9927995

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
86801	201	202	0.2	2.29	8	< 10	350	< 0.5	< 2	0.16	< 0.5	12	46	20	4.03	< 10	< 1	0.08	< 10	0.58	1140
86802	201	202	< 0.2	2.42	8	< 10	360	< 0.5	< 2	0.27	0.5	13	45	18	4.39	< 10	< 1	0.10	< 10	0.56	1130
86803	201	202	< 0.2	2.51	6	< 10	230	< 0.5	< 2	0.14	< 0.5	14	50	17	4.34	< 10	< 1	0.10	< 10	0.57	860
86804	201	202	< 0.2	2.44	20	< 10	230	< 0.5	< 2	0.35	0.5	26	53	87	4.63	< 10	< 1	0.10	< 10	1.01	1700
86805	201	202	0.2	2.22	6	< 10	220	< 0.5	< 2	0.27	0.5	16	43	21	4.22	< 10	< 1	0.07	< 10	0.69	955
86806	201	202	< 0.2	1.88	12	< 10	150	< 0.5	< 2	0.34	< 0.5	16	41	49	3.44	< 10	< 1	0.07	< 10	0.79	1040
86807	201	202	< 0.2	2.18	16	< 10	150	< 0.5	< 2	0.32	< 0.5	17	44	79	4.09	< 10	< 1	0.05	< 10	0.90	1145
86808	201	202	0.2	2.09	12	< 10	160	< 0.5	< 2	0.29	< 0.5	13	44	40	3.67	< 10	< 1	0.06	< 10	0.79	875
86809	201	202	1.2	2.77	10	< 10	490	0.5	< 2	1.42	2.5	21	54	190	3.42	< 10	< 1	0.17	20	0.49	5000
86810	201	202	0.6	0.63	2	< 10	210	0.5	< 2	2.98	1.5	5	19	113	0.59	< 10	< 1	0.10	10	0.15	2280
86811	201	202	< 0.2	0.79	2	< 10	220	< 0.5	< 2	2.72	0.5	7	15	29	1.32	< 10	< 1	0.04	< 10	0.28	1035
86812	201	202	0.2	1.66	12	< 10	180	< 0.5	< 2	0.38	0.5	15	33	27	3.20	< 10	< 1	0.10	< 10	0.62	1105
86813	201	202	0.8	1.62	12	< 10	370	< 0.5	< 2	0.88	2.5	17	32	33	3.41	< 10	< 1	0.16	< 10	0.56	2460
86814	201	202	0.2	1.99	10	< 10	250	< 0.5	< 2	0.44	2.5	23	45	29	4.85	< 10	< 1	0.11	< 10	0.58	1915
86815	201	202	0.2	1.57	6	< 10	420	< 0.5	< 2	2.26	1.5	17	31	72	2.89	< 10	< 1	0.06	< 10	0.55	3870
86816	201	202	0.2	1.56	12	< 10	170	< 0.5	< 2	1.75	< 0.5	20	38	52	3.70	< 10	< 1	0.06	< 10	0.98	1485
86817	201	202	0.2	2.06	6	< 10	460	< 0.5	< 2	0.55	1.5	16	40	23	4.05	< 10	< 1	0.11	< 10	0.49	2130
86818	201	202	0.6	1.62	4	< 10	620	< 0.5	< 2	1.08	2.0	17	34	15	3.14	< 10	< 1	0.11	< 10	0.51	2610
86819	201	202	0.4	1.22	2	< 10	490	< 0.5	< 2	0.86	2.0	16	44	15	2.82	< 10	< 1	0.12	< 10	0.36	2400
86820	201	202	0.6	1.33	6	< 10	300	< 0.5	< 2	0.54	1.5	10	32	14	3.16	< 10	< 1	0.06	< 10	0.42	725
86821	201	202	0.2	1.80	4	< 10	170	< 0.5	< 2	0.27	0.5	10	34	17	3.56	< 10	< 1	0.03	< 10	0.38	930
86822	201	202	0.4	1.89	12	< 10	280	< 0.5	< 2	0.24	< 0.5	14	39	19	4.65	< 10	< 1	0.05	< 10	0.42	1110
86823	201	202	1.0	2.46	6	< 10	320	< 0.5	< 2	0.91	1.5	17	47	34	3.95	< 10	< 1	0.05	< 10	0.36	4980
86824	201	202	< 0.2	0.86	6	< 10	180	< 0.5	< 2	0.80	0.5	7	21	17	2.33	< 10	< 1	0.09	< 10	0.19	470
86825	201	202	1.6	1.80	122	< 10	70	< 0.5	< 2	2.47	2.0	23	32	124	4.90	< 10	< 1	0.10	< 10	1.36	735
86826	201	202	< 0.2	2.94	12	< 10	280	< 0.5	< 2	0.55	0.5	19	47	22	6.15	10	< 1	0.10	< 10	0.70	1760
86827	201	202	< 0.2	2.71	14	< 10	250	< 0.5	< 2	0.39	< 0.5	13	41	21	5.29	< 10	< 1	0.09	< 10	0.62	1190
86828	201	202	< 0.2	2.60	16	< 10	220	< 0.5	< 2	0.34	0.5	18	42	28	5.51	10	< 1	0.06	< 10	0.63	1300
86829	201	202	0.2	2.67	10	< 10	250	< 0.5	< 2	0.29	2.0	18	44	22	5.11	< 10	< 1	0.07	< 10	0.70	1555
86830	201	202	< 0.2	3.16	20	< 10	240	< 0.5	< 2	0.34	0.5	15	51	31	5.74	< 10	< 1	0.09	< 10	0.82	975
86831	201	202	< 0.2	2.51	20	< 10	230	< 0.5	< 2	0.45	< 0.5	17	51	28	5.36	< 10	< 1	0.08	< 10	0.66	2110
86832	201	202	0.2	2.12	14	< 10	190	< 0.5	< 2	0.42	0.5	15	38	20	5.50	< 10	< 1	0.08	< 10	0.48	1320
86833	201	202	0.2	2.26	22	< 10	210	< 0.5	< 2	0.50	1.0	19	35	40	3.94	< 10	< 1	0.06	< 10	0.67	1595
86834	201	202	< 0.2	2.18	12	< 10	240	< 0.5	< 2	0.31	2.5	17	41	26	5.14	< 10	< 1	0.06	< 10	0.58	1985
86835	201	202	< 0.2	2.26	18	< 10	400	< 0.5	< 2	0.43	1.5	23	42	37	4.86	< 10	< 1	0.06	< 10	0.56	2870
86836	201	202	< 0.2	1.67	4	< 10	560	< 0.5	< 2	0.41	3.0	29	35	26	4.62	10	< 1	0.08	< 10	0.25	5330
86837	201	202	< 0.2	2.01	20	< 10	260	< 0.5	< 2	0.55	2.0	23	39	30	4.60	< 10	< 1	0.10	< 10	0.56	2440
86838	201	202	< 0.2	2.43	14	< 10	210	< 0.5	< 2	0.32	1.0	30	46	34	5.26	< 10	< 1	0.08	< 10	0.65	2820
86839	201	202	< 0.2	2.27	16	< 10	370	< 0.5	< 2	0.64	1.5	22	44	26	5.00	< 10	< 1	0.09	< 10	0.49	2500
86840	201	202	0.2	1.83	8	< 10	340	< 0.5	< 2	0.38	1.5	18	38	21	3.34	< 10	< 1	0.10	< 10	0.41	2470

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: MOLLOY, DAVID
PROP
49 NORMANDALE RD.
UNIONVILLE, ON
L3R 4J8

Project : GRDW
Comments: ATTN: DAVID MOLLOY

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Certificate Date: 17-SEP-1999
Invoice No. :I9927995
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Account :RIX

CERTIFICATE OF ANALYSIS A9927995

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
86801	201	202	< 1	< 0.01	32	1900	12	0.01	< 2	4	10	0.01	< 10	< 10	71	< 10	252
86802	201	202	< 1	< 0.01	29	2060	12	0.01	< 2	3	14	0.02	< 10	< 10	85	< 10	226
86803	201	202	< 1	< 0.01	33	1750	8	0.01	2	4	8	0.01	< 10	< 10	73	< 10	236
86804	201	202	1	< 0.01	67	980	16	< 0.01	< 2	14	18	0.01	< 10	< 10	74	< 10	158
86805	201	202	< 1	< 0.01	37	2190	10	0.01	< 2	3	13	0.01	< 10	< 10	65	< 10	340
86806	201	202	< 1	< 0.01	55	730	10	0.02	< 2	6	14	0.01	< 10	< 10	53	< 10	110
86807	201	202	< 1	< 0.01	59	780	10	0.01	< 2	6	17	0.01	< 10	< 10	61	< 10	134
86808	201	202	< 1	< 0.01	51	850	10	0.01	2	5	14	< 0.01	< 10	< 10	58	< 10	146
86809	201	202	< 1	0.01	94	2800	8	0.05	2	25	82	0.06	< 10	< 10	55	< 10	298
86810	201	202	1	0.01	43	1560	< 2	0.26	< 2	3	127	< 0.01	< 10	< 10	9	< 10	54
86811	201	202	< 1	< 0.01	21	890	2	0.17	< 2	1	103	0.01	< 10	< 10	23	< 10	86
86812	201	202	< 1	< 0.01	38	1210	6	0.03	2	3	15	0.01	< 10	< 10	53	< 10	156
86813	201	202	< 1	< 0.01	35	1460	12	0.06	< 2	2	41	0.02	< 10	< 10	58	< 10	248
86814	201	202	< 1	< 0.01	35	1090	10	0.01	< 2	4	21	0.05	< 10	< 10	93	< 10	372
86815	201	202	< 1	< 0.01	47	1660	6	0.11	< 2	4	95	0.01	< 10	< 10	43	< 10	248
86816	201	202	< 1	< 0.01	68	820	8	0.50	< 2	6	80	0.01	< 10	< 10	43	< 10	142
86817	201	202	< 1	< 0.01	30	2110	6	0.03	< 2	2	27	0.02	< 10	< 10	68	< 10	310
86818	201	202	< 1	< 0.01	34	1620	6	0.04	2	2	48	0.03	< 10	< 10	51	< 10	402
86819	201	202	< 1	< 0.01	32	1490	8	0.03	< 2	1	45	0.01	< 10	< 10	40	< 10	256
86820	201	202	1	< 0.01	29	1390	4	0.03	< 2	1	25	0.01	< 10	< 10	50	< 10	268
86821	201	202	< 1	< 0.01	22	470	8	0.01	< 2	1	13	0.02	< 10	< 10	67	< 10	110
86822	201	202	1	< 0.01	27	810	10	0.03	2	1	13	0.03	< 10	< 10	87	< 10	172
86823	201	202	2	< 0.01	33	1280	12	0.08	< 2	7	38	0.07	< 10	< 10	64	< 10	236
86824	201	202	1	< 0.01	14	700	6	0.07	< 2	1	33	0.05	< 10	< 10	62	< 10	94
86825	201	202	3	0.01	47	990	50	1.68	6	3	112	0.03	< 10	< 10	53	< 10	186
86826	201	202	< 1	< 0.01	28	3660	10	0.02	2	3	17	0.03	< 10	< 10	128	< 10	298
86827	201	202	< 1	< 0.01	25	2350	10	0.01	< 2	4	13	0.04	< 10	< 10	111	< 10	308
86828	201	202	< 1	< 0.01	30	2670	14	0.01	6	4	14	0.01	< 10	< 10	110	< 10	306
86829	201	202	< 1	< 0.01	35	2330	8	0.01	2	3	11	0.04	< 10	< 10	91	< 10	616
86830	201	202	< 1	< 0.01	38	1900	10	0.02	2	3	13	0.03	< 10	< 10	117	< 10	292
86831	201	202	1	< 0.01	36	2900	12	0.02	2	3	15	0.03	< 10	< 10	100	< 10	260
86832	201	202	< 1	< 0.01	23	3290	50	0.03	2	3	15	0.06	< 10	< 10	119	< 10	370
86833	201	202	1	< 0.01	38	1510	12	0.04	< 2	3	17	0.02	< 10	< 10	76	< 10	200
86834	201	202	< 1	< 0.01	27	1970	14	0.03	2	3	13	0.07	< 10	< 10	97	< 10	542
86835	201	202	< 1	< 0.01	34	2110	14	0.03	< 2	3	17	0.01	< 10	< 10	85	< 10	292
86836	201	202	< 1	< 0.01	19	1580	12	0.03	< 2	3	18	0.10	< 10	< 10	90	< 10	530
86837	201	202	< 1	< 0.01	30	1780	14	0.03	4	2	23	0.04	< 10	< 10	90	< 10	346
86838	201	202	< 1	< 0.01	34	1990	12	0.03	2	3	16	0.04	< 10	< 10	103	< 10	310
86839	201	202	< 1	< 0.01	33	2290	10	0.05	< 2	2	29	0.03	< 10	< 10	88	< 10	284
86840	201	202	< 1	< 0.01	25	980	6	0.03	2	2	18	0.03	< 10	< 10	70	< 10	282

CERTIFICATION: _____

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga
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CERTIFICATE OF ANALYSIS A9927995

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
86841	201	202	0.2	1.39	4	< 10	490	< 0.5	2	0.93	2.5	14	30	17	3.24	< 10	< 1	0.09	< 10	0.35	2150
86843	201	202	0.2	1.46	6	< 10	470	< 0.5	< 2	0.79	4.0	32	31	26	4.02	< 10	< 1	0.09	< 10	0.27	5850
86844	201	202	< 0.2	1.70	6	< 10	310	< 0.5	< 2	0.75	2.0	21	31	21	3.83	< 10	< 1	0.09	< 10	0.42	2150
86845	201	202	< 0.2	2.47	14	< 10	350	< 0.5	< 2	0.43	2.0	17	42	34	4.87	< 10	< 1	0.07	< 10	0.75	1545
86846	201	202	0.2	3.00	20	< 10	260	< 0.5	< 2	0.20	1.5	19	42	30	6.20	< 10	< 1	0.05	< 10	0.66	1080
86847	201	202	0.2	2.78	30	< 10	180	< 0.5	< 2	0.32	2.0	24	44	85	4.66	< 10	< 1	0.05	< 10	0.94	1740
86848	201	202	0.2	1.35	16	< 10	140	< 0.5	< 2	0.22	1.5	8	21	18	4.12	< 10	< 1	0.06	< 10	0.29	555
86849	201	202	0.2	1.52	14	< 10	220	< 0.5	< 2	1.07	2.0	18	30	63	3.40	< 10	< 1	0.05	< 10	0.59	1850
86850	201	202	0.2	1.77	22	< 10	100	< 0.5	< 2	0.50	1.5	14	28	32	4.11	< 10	< 1	0.06	< 10	0.57	1055
86951	201	202	1.0	1.61	8	< 10	70	< 0.5	2	2.26	3.0	22	28	112	4.58	< 10	< 1	0.09	< 10	1.31	665
86952	201	202	0.4	1.58	10	< 10	380	< 0.5	< 2	1.35	8.5	26	28	43	3.78	< 10	< 1	0.07	< 10	0.35	5480
86953	201	202	0.2	2.41	14	< 10	250	< 0.5	< 2	0.36	3.5	26	44	32	4.80	< 10	< 1	0.07	< 10	0.79	2210
86954	201	202	0.2	1.79	10	< 10	430	< 0.5	< 2	0.69	4.0	16	37	54	3.87	< 10	< 1	0.07	< 10	0.27	2810
86955	201	202	< 0.2	1.94	10	< 10	250	< 0.5	< 2	0.32	2.5	12	34	22	4.29	< 10	< 1	0.07	< 10	0.54	1115
86956	201	202	0.2	1.61	14	< 10	160	< 0.5	< 2	0.29	2.0	19	31	23	5.34	< 10	< 1	0.06	< 10	0.35	2030
86957	201	202	0.2	1.58	12	< 10	150	< 0.5	< 2	0.33	3.0	16	24	29	3.66	< 10	< 1	0.06	< 10	0.31	2040
86958	201	202	0.2	1.03	8	< 10	390	< 0.5	< 2	0.44	14.0	19	22	26	3.73	< 10	< 1	0.08	< 10	0.21	3800
86959	201	202	0.2	2.55	16	< 10	200	< 0.5	2	0.26	2.5	13	44	29	5.05	< 10	< 1	0.05	< 10	0.73	580
86960	201	202	0.2	1.61	14	< 10	160	< 0.5	< 2	0.25	0.5	14	27	30	3.73	< 10	< 1	0.04	< 10	0.55	850
86961	201	202	0.2	1.48	8	< 10	270	< 0.5	< 2	0.17	2.0	17	29	18	3.93	< 10	< 1	0.07	< 10	0.36	2630
86962	201	202	0.2	2.34	16	< 10	320	< 0.5	< 2	0.21	0.5	19	44	43	4.53	< 10	< 1	0.04	< 10	0.75	910
86963	201	202	< 0.2	2.17	12	< 10	260	< 0.5	< 2	0.25	0.5	15	39	27	4.55	< 10	< 1	0.06	< 10	0.70	775
86964	201	202	< 0.2	2.32	16	< 10	350	< 0.5	< 2	0.29	2.0	23	44	35	4.67	< 10	< 1	0.05	< 10	0.65	2600
86965	201	202	0.6	1.63	18	< 10	250	< 0.5	< 2	0.57	1.5	15	27	34	3.72	< 10	< 1	0.07	< 10	0.48	1495
86966	201	202	0.4	1.74	18	< 10	780	< 0.5	< 2	1.01	6.0	50	21	76	4.31	< 10	< 1	0.10	< 10	0.33	>10000
86967	201	202	0.6	0.64	8	< 10	270	< 0.5	< 2	1.33	3.0	5	18	42	1.60	< 10	< 1	0.07	< 10	0.12	995
86968	201	202	0.4	0.94	12	< 10	260	< 0.5	< 2	1.05	3.0	14	19	54	2.85	< 10	< 1	0.07	< 10	0.17	2430
86969	201	202	< 0.2	1.09	14	< 10	280	< 0.5	< 2	0.73	2.0	17	22	52	3.80	< 10	< 1	0.08	< 10	0.19	4030
86970	201	202	< 0.2	2.26	16	< 10	420	< 0.5	< 2	1.19	1.0	33	26	101	4.12	< 10	< 1	0.20	10	0.49	6760
86971	201	202	0.6	1.90	14	< 10	290	< 0.5	< 2	1.07	1.5	42	25	122	4.04	< 10	< 1	0.07	< 10	0.43	6910
86972	201	202	< 0.2	1.56	14	< 10	300	< 0.5	< 2	0.80	1.5	28	23	69	3.70	< 10	< 1	0.08	< 10	0.34	3450
86973	201	202	0.2	2.62	16	< 10	280	< 0.5	< 2	0.62	1.5	34	37	41	4.75	< 10	< 1	0.09	< 10	0.59	3760
86974	201	202	0.2	1.08	6	10	550	< 0.5	< 2	1.96	5.0	22	28	29	2.53	< 10	< 1	0.15	< 10	0.33	4550
86975	201	202	2.0	1.60	92	< 10	70	< 0.5	< 2	2.14	2.5	21	29	120	4.54	< 10	< 1	0.09	< 10	1.24	670
86976	201	202	0.2	1.98	18	< 10	370	< 0.5	< 2	0.75	2.0	20	40	27	4.46	< 10	< 1	0.10	< 10	0.57	2860
86977	201	202	0.4	1.56	12	< 10	220	< 0.5	< 2	0.66	2.5	17	32	24	3.75	< 10	< 1	0.09	< 10	0.50	1380
86978	201	202	< 0.2	2.35	10	< 10	370	< 0.5	< 2	0.85	2.5	18	35	41	4.02	< 10	< 1	0.13	< 10	0.67	2470
86979	201	202	< 0.2	1.60	12	< 10	290	< 0.5	< 2	0.66	2.5	16	29	33	3.47	< 10	< 1	0.07	< 10	0.52	1625
86980	201	202	< 0.2	2.65	8	< 10	170	< 0.5	< 2	0.15	1.5	16	42	19	4.35	< 10	< 1	0.08	< 10	0.69	1095
86981	201	202	0.2	2.46	14	< 10	190	< 0.5	< 2	0.24	0.5	15	41	27	4.38	< 10	< 1	0.07	< 10	0.71	1100

CERTIFICATION: David Lee

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UNIONVILLE, ON
L3R 4J8

Project : GRDW
Comments: ATTN: DAVID MOLLOY

Page Number :2-B
Total Pages :3
Certificate Date: 17-SEP-1999
Invoice No. :I9927995
P.O. Number :GR
Account :RIX

CERTIFICATE OF ANALYSIS A9927995

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
86841	201	202	1	< 0.01	23	2250	6	0.04	< 2	< 1	28	0.03	< 10	< 10	59	< 10	384
86843	201	202	3	< 0.01	20	990	14	0.04	2	3	33	0.07	< 10	< 10	82	< 10	358
86844	201	202	1	< 0.01	21	790	4	0.04	2	3	32	0.05	< 10	< 10	85	< 10	242
86845	201	202	2	< 0.01	40	1470	10	0.03	< 2	3	18	0.03	< 10	< 10	96	< 10	254
86846	201	202	< 1	< 0.01	35	2330	10	0.02	< 2	5	11	0.03	< 10	< 10	118	< 10	350
86847	201	202	2	< 0.01	54	960	12	0.01	< 2	7	12	0.03	< 10	< 10	96	< 10	172
86848	201	202	< 1	< 0.01	15	610	10	0.03	2	1	16	0.06	< 10	< 10	112	< 10	98
86849	201	202	1	< 0.01	45	780	12	0.05	< 2	5	46	0.02	< 10	< 10	53	< 10	144
86850	201	202	3	< 0.01	40	750	6	0.03	< 2	3	23	< 0.01	< 10	< 10	53	< 10	222
86951	201	202	4	< 0.01	46	940	40	1.60	2	3	110	0.02	< 10	< 10	47	< 10	180
86952	201	202	1	< 0.01	39	1200	2	0.08	< 2	1	54	0.03	< 10	< 10	66	< 10	396
86953	201	202	1	< 0.01	47	1450	10	0.03	< 2	3	17	0.02	< 10	< 10	80	< 10	416
86954	201	202	3	< 0.01	26	2770	16	0.03	< 2	3	32	0.03	< 10	< 10	79	< 10	258
86955	201	202	1	< 0.01	25	1650	6	0.02	< 2	2	12	0.03	< 10	< 10	90	< 10	266
86956	201	202	2	< 0.01	19	1720	8	0.03	< 2	1	14	0.05	< 10	< 10	131	< 10	174
86957	201	202	< 1	< 0.01	28	1910	10	0.01	< 2	3	19	0.01	< 10	< 10	55	< 10	208
86958	201	202	3	< 0.01	23	1410	10	0.03	< 2	1	18	0.03	< 10	< 10	64	< 10	388
86959	201	202	1	< 0.01	44	1690	12	0.03	< 2	4	12	< 0.01	< 10	< 10	78	< 10	272
86960	201	202	3	< 0.01	30	1170	8	0.01	2	3	12	0.01	< 10	< 10	62	< 10	214
86961	201	202	< 1	< 0.01	23	1800	14	0.02	< 2	1	8	0.02	< 10	< 10	66	< 10	272
86962	201	202	< 1	< 0.01	50	2120	10	0.01	< 2	5	10	< 0.01	< 10	< 10	68	< 10	240
86963	201	202	< 1	< 0.01	36	3010	10	0.02	< 2	4	12	< 0.01	< 10	< 10	66	< 10	272
86964	201	202	< 1	< 0.01	38	2830	14	0.02	2	3	13	0.01	< 10	< 10	77	< 10	294
86965	201	202	< 1	< 0.01	29	1180	10	0.03	2	2	23	0.01	< 10	< 10	66	< 10	258
86966	201	202	< 1	0.01	52	2390	14	0.06	< 2	3	47	0.03	< 10	< 10	64	< 10	632
86967	201	202	1	0.01	25	890	8	0.09	2	1	47	0.04	< 10	< 10	48	< 10	182
86968	201	202	< 1	< 0.01	34	1620	8	0.05	2	< 1	36	0.01	< 10	< 10	51	< 10	326
86969	201	202	< 1	< 0.01	28	2000	14	0.04	6	1	25	0.05	< 10	< 10	66	< 10	386
86970	201	202	1	0.01	81	3180	12	0.04	2	6	66	0.03	< 10	< 10	57	< 10	458
86971	201	202	1	< 0.01	74	1730	12	0.08	4	4	50	0.01	< 10	< 10	52	< 10	466
86972	201	202	1	< 0.01	53	1570	10	0.07	2	3	32	0.01	< 10	< 10	55	< 10	264
86973	201	202	1	< 0.01	54	2180	20	0.04	6	4	24	0.04	< 10	< 10	78	< 10	478
86974	201	202	< 1	< 0.01	37	1800	10	0.09	4	1	72	0.03	< 10	< 10	41	< 10	440
86975	201	202	2	0.01	45	910	54	1.83	12	3	103	0.03	< 10	< 10	47	< 10	178
86976	201	202	< 1	< 0.01	33	2220	12	0.03	2	3	32	0.02	< 10	< 10	71	< 10	370
86977	201	202	< 1	< 0.01	30	1310	10	0.05	4	3	29	0.01	< 10	< 10	62	< 10	252
86978	201	202	< 1	< 0.01	45	1080	10	0.04	< 2	5	33	0.03	< 10	< 10	62	< 10	306
86979	201	202	< 1	< 0.01	33	920	8	0.03	6	3	31	0.03	< 10	< 10	55	< 10	204
86980	201	202	< 1	< 0.01	33	870	8	0.02	6	4	10	0.02	< 10	< 10	79	< 10	344
86981	201	202	< 1	< 0.01	41	940	8	0.02	< 2	3	11	0.03	< 10	< 10	73	< 10	272

CERTIFICATION:

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Project : GRDW
Comments: ATTN: DAVID MOLLOY

Tot[illegible]es :3
Certi[illegible]e Date: 17-SE
Invoice No. :19927
P.O. Number :GR
Account :RIX

CERTIFICATE OF ANALYSIS A9927995

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	M pp
86982	201	202	0.4	2.75	22	< 10	410	< 0.5	< 2	0.35	3.0	20	40	33	4.45	< 10	< 1	0.11	< 10	0.50	306
86983	201	202	0.4	2.10	14	< 10	340	< 0.5	< 2	0.37	3.0	17	35	19	3.85	< 10	< 1	0.12	< 10	0.45	269
86984	201	202	0.4	2.05	14	< 10	230	< 0.5	< 2	0.20	2.0	15	35	16	3.99	< 10	1	0.08	< 10	0.38	188
86985	201	202	0.2	2.91	32	< 10	210	< 0.5	< 2	0.25	0.5	16	41	49	4.58	< 10	< 1	0.06	< 10	0.79	122
86986	201	202	0.4	1.65	18	< 10	220	< 0.5	< 2	0.70	1.5	13	31	24	5.25	10	< 1	0.07	< 10	0.29	151
86987	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	Not[illegible]
86987A	201	202	1.8	1.70	92	< 10	70	< 0.5	< 2	2.23	3.0	20	27	135	4.69	< 10	< 1	0.09	< 10	1.30	[illegible]

CERTIFICATION: David Lee

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Project : GRDW
Comments: ATTN: DAVID MOLLOY

Page Number :3-B
Total Pages :3
Certificate Date: 17-SEP-1999
Invoice No. :I9927995
P.O. Number :GR
Account :RIX

CERTIFICATE OF ANALYSIS A9927995

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
86982	201	202	1	0.01	40	1160	10	0.03	< 2	5	17	0.04	< 10	< 10	99	< 10	302
86983	201	202	< 1	0.01	29	1580	10	0.01	< 2	3	20	0.03	< 10	< 10	73	< 10	394
86984	201	202	< 1	< 0.01	25	880	8	0.02	< 2	2	11	0.03	< 10	< 10	79	< 10	222
86985	201	202	1	0.01	51	710	10	0.02	< 2	6	13	0.03	< 10	< 10	90	< 10	146
86986	201	202	1	< 0.01	21	620	12	0.01	< 2	3	29	0.07	< 10	< 10	133	< 10	152
86987	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
86987A	201	202	7	< 0.01	47	1010	44	1.70	< 2	3	110	0.03	< 10	< 10	50	< 10	178

CERTIFICATION: _____

104A/11W

MINERAL & PLACER RESERVE
O/C 217/86 FEB. 12, 1986.
SUBJECT TO CONDITIONS
COAL RESERVE
O/C 177/86 FEB. 14, 1986
NO STAKING

STEWART PROPERTY

MT. SKOWILL

Holder Creek

Oweegee Creek

Oweegee Lake

DELTA WEST GRID AREA

DELTAIC GRID AREA

DELTA RIVER

Delta Creek

OWEEGEE PEAK

DELTA PEAK

OWEEGEE RANGE

Coal Creek

PAT 53 355295
PAT 52 355294
PAT 51 355293
PAT 50 355292

FOX 1 318286
FOX 2 318287
FOX 4 318289
FOX 5 318290
FOX 6 318291
FOX 7 318292
FOX 8 318293
FOX 9 318294
FOX 10 318295
FOX 11 318296
FOX 12 318297
FOX 13 318298
FOX 14 318299
FOX 15 318300
FOX 16 318301
FOX 17 318852
FOX 18 318853
FOX 19 320182
FOX 20 320183
FOX 21 320184
FOX 22 321176
FOX 23 321177
FOX 24 321178
FOX 25 341206
FOX 26 341205
FOX 30 347293
FOX 31 347294
FOX 32 347295
FOX 33 347296
FOX 34 347297
FOX 35 347298
FOX 36 347299
FOX 37 347300
FOX 38 347301
FOX 39 347302
FOX 40 347520
FOX 41 349191
FOX 42 349192
FOX 43 349193
FOX 44 349194
FOX 45 349195
FOX 46 349196
FOX 47 349197
FOX 48 355296
FOX 49 355297
FOX 50 355298

OLD 1 323125
OLD 2 323126
OLD 3 323127
OLD 4 323128

253002 DELTA 1
253003 DELTA 2

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

MINERAL & PLACER RESERVE
SUBJECT TO CONDITIONS

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

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

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

M104A/12E M104A/11W

STEWART PROPERTY
MAP 1
CLAIM MAP
grid area
property outline
Scale 1:31 680
Geofine Exploration Consultants Ltd December 1997

BRITISH COLUMBIA

MINISTRY OF EMPLOYMENT AND INVESTMENT

ENERGY AND MINERALS DIVISION

MINERAL TITLES BRANCH

MINERAL TITLES REFERENCE

MAP 104A11W

U.T.M. ZONE 9

LAST MAP UPDATE: 1996 NOV 01

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

MAP 51

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	*345A*
TAG NUMBER	100000
LEGAL POST	◎
WITNESS POST	WP ○
FORFEITED TENURE	C
VERIFIED	VAR
SURVEYED	SUR
REVERTED C.G. MINERAL CLAIM	REV CG OR RCG
CROWN GRANTED	C G
OPEN FOR STAKING	O.F.S.

1UMIT	2 POST CLAIM	OLD 2 POST CLAIM
400.42 m	400.42 m	500 ft
25 ha 0.79 sq	25 ha 0.79 sq	20.90 ha 0.53 sq
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.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,225

Énergie, 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-stratified, green and maroon ash, lapilli and dust tuff, tuffaceous arkose and mudstone.

LJHv — intermediate to mafic plagioclase-pyroxene and subordinate plagioclase-hornblende phyric lapilli tuff-breccia, lapilli, ash and dust tuff, flows; derived debris flows, arkose and siltstone.

LJHa — thick bedded and massive tuffaceous arkose and siltstone with abundant syn-depositional soft-sediment deformation structures; mafic to intermediate fragmental volcanic rocks and associated debris flows.

UPPER TRIASSIC

STUHINI GROUP

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

PALEOZOIC

STIKINE ASSEMBLAGE

PERMIAN

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

DEVONIAN AND MISSISSIPPIAN

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

INTRUSIVE ROCKS

MIDDLE JURASSIC OR YOUNGER

MJI — pyroxene diorite sills.

MAP SYMBOLS

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

MAP S2

STEWART PROPERTY
PROPERTY GEOLOGY
GSC 1993

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DELTA PEAK
CASSIAR LAND DISTRICT
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Scale 1:50 000 Échelle

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

CONVERSION SCALE FOR ELEVATIONS
ÉCHELLE DE CONVERSION DES ALTITUDES

TAFT CREEK
CASSIAR LAND DISTRICT
BRITISH COLUMBIA

Scale 1:50,000 Échelle

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

CONNECTIONS PROVISIONNELLES 1986

L30+00N

L28+00N

L26+00N

L24+00N

58+00E

57+00E

56+00E

55+00E

54+00E

53+00E

52+00E

51+00E

50+00E

49+00E

48+00E

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57+00E
56+00E
55+00E
54+00E
53+00E
52+00E
51+00E
50+00E
49+00E
48+00E

FOX 33

FOX 30

Highway 37

86816

MAP S3

1999 PROSPECTORS ASSISTANCE PROGRAM
AREA 4
DELTA WEST PROJECT,
STEWART PROPERTY

DELTA PEAK AREA - DETAILED FOLLOW-UP SOIL GEOCHEMICAL SURVEY: SAMPLE NUMBERS

86916	Sample number
△	soil sample 1996
•	soil sample 1997, 1998
O	soil sample 1999
Fox 30	claim line and name
	contour of geochemical analyses
	strong IP chargeability anomaly
	moderate IP chargeability anomaly
⊗	1997 weak airborne EM anomaly
D——D	axis of interpreted HLEM conductor

Scale 1:1 000

David E. Molloy — December 1999

L30+00N L28+00N L26+00N L24+00N

58+00E 57+00E 56+00E 55+00E 54+00E 53+00E 52+00E 51+00E 50+00E 49+00E 48+00E

FOX 33

FOX 30

Highway 37

C C D D E E F F G G

MAP 34

1999 PROSPECTORS ASSISTANCE PROGRAM
AREA 4
DELTA WEST PROJECT,
STEWART PROPERTY

DELTA PEAK AREA - DETAILED FOLLOW-UP SOIL GEOCHEMICAL SURVEY:
Zn ppm

86916	Sample number
△	soil sample 1996
•	soil sample 1997, 1998
O	soil sample 1999
Fox 30	claim line and name
300	contour of geochemical analyses (Zn ppm)
	strong IP chargeability anomaly
	moderate IP chargeability anomaly
⊗	1997 weak airborne EM anomaly
D—D	axis of interpreted HLEM conductor

Scale 1:1 000

David E. Malloy December 1999

L30+00N L28+00N L26+00N L24+00N

58+00E 57+00E 56+00E 55+00E 54+00E 53+00E 52+00E 51+00E 50+00E 49+00E 48+00E

FOX 33

FOX 30

Highway 37

MAP S5

1999 PROSPECTORS ASSISTANCE PROGRAM
AREA 4
DELTA WEST PROJECT,
STEWART PROPERTY

DELTA PEAK AREA - DETAILED FOLLOW-UP SOIL GEOCHEMICAL SURVEY:
Cu ppm

86916	Sample number
△	soil sample 1996
●	soil sample 1997, 1998
O	soil sample 1999
Fox 30	claim line and name
50	contour of geochemical analyses (Cu ppm)
	strong IP chargeability anomaly
	moderate IP chargeability anomaly
⊗	1997 weak airborne EM anomaly
D——D	axis of interpreted HLEM conductor

Scale 1:1 000

David E. Molloy — December 1999

L30+00N L28+00N L26+00N L24+00N

58+00E 57+00E 56+00E 55+00E 54+00E 53+00E 52+00E 51+00E 50+00E 49+00E 48+00E

FOX 33

FOX 30

Highway 37

MAP S6

1999 PROSPECTORS ASSISTANCE PROGRAM
AREA 4
DELTA WEST PROJECT,
STEWART PROPERTY

DELTA PEAK AREA - DETAILED FOLLOW-UP SOIL GEOCHEMICAL SURVEY:
Ni ppm

88918	Sample number
△	soil sample 1996
•	soil sample 1997, 1998
O	soil sample 1999
Fox 30	claim line and name
50	contour of geochemical analyses (Ni ppm)
	strong IP chargeability anomaly
	moderate IP chargeability anomaly
⊗	1997 weak airborne EM anomaly
D—D	axis of interpreted HLEM conductor

Scale 1:1 000

David E. Molloy

December 1999

L30+00N L28+00N L26+00N L24+00N

58+00E 57+00E 56+00E 55+00E 54+00E 53+00E 52+00E 51+00E 50+00E 49+00E 48+00E

FOX 33

FOX 30

Highway 37

MAP S8

1999 PROSPECTORS ASSISTANCE PROGRAM
AREA 4
DELTA WEST PROJECT,
STEWART PROPERTY

DELTA PEAK AREA - DETAILED FOLLOW-UP SOIL GEOCHEMICAL SURVEY:
Cd ppm

88916	Sample number
△	soil sample 1996
•	soil sample 1997, 1998
O	soil sample 1999
Fox 30	claim line and name
2.0	contour of geochemical analyses (Cd ppm)
	strong IP chargeability anomaly
	moderate IP chargeability anomaly
⊗	1997 weak airborne EM anomaly
D—D	axis of interpreted HLEM conductor

Scale 1:1 000

David E. Molloy December 1999

1997 ROCK ANALYSES

SAMPLE NO.	Au g/t	Cu ppm	Zn ppm	Ag ppm	As ppm	Pb ppm	Cd ppm	Ba ppm
600006	<.005	25	96	<.2	<2	2	<.5	160
600010	<.005	62	106	<.2	8	<2	<.5	120
600012	<.005	9	48	<.2	8	<2	<.5	20
600018	<.005	39	48	<.2	36	4	<.5	100
600024	<.005	5	28	<.2	12	4	<.5	70
600034	<.005	36	106	<.2	18	2	<.5	190
600037	<.005	79	156	<.2	10	<2	<.5	210
600048	<.005	31	66	<.2	<2	<2	<.5	40
600050	<.005	3	40	<.2	2	8	<.5	30
600056	<.005	3	52	<.2	4	8	<.5	80
600061	<.005	97	72	0.2	8	10	<.5	70
600073	<.005	20	78	<.2	<2	2	<.5	110
600107	<.005	14	90	<.2	10	8	<.5	260
600120	<.005	5	106	<.2	<2	6	<.5	220
600123	<.005	34	68	<.2	2	2	<.5	320
600127	<.005	5	48	<.2	4	2	<.5	160
600138	0.095	252	148	0.2	<2	6	<.5	170
600179	<.005	78	82	<.2	18	<2	<.5	130
600183	<.005	116	122	<.2	22	4	<.5	200
600202	0.035	28	34	0.4	30	8	<.5	220
600208	<.005	49	172	<.2	4	2	<.5	270
600210	0.02	28	104	<.2	8	2	<.5	190
600212	<.005	54	126	<.2	<2	<2	<.5	90
600213	<.005	97	102	0.2	68	<2	<.5	70
600217	<.005	91	102	<.2	46	<2	<.5	70
600223	<.005	30	92	<.2	2	<2	<.5	280
600224	<.005	96	112	0.2	<2	8	<.5	190
600237	<.005	2	10	<.2	<2	8	<.5	300
600248	<.005	4	26	<.2	6	2	<.5	90
600250	<.005	3	14	<.2	2	4	<.5	70
600251	<.005	3	24	<.2	2	6	<.5	90
600254	<.005	12	58	<.2	<2	8	<.5	130
600255	<.005	4	22	<.2	2	8	<.5	200
600257	<.005	2	20	<.2	2	2	<.5	70
600261	<.005	2	22	<.2	16	2	<.5	70
600267	<.005	9	60	<.2	4	6	<.5	40
600274	0.015	74	66	<.2	<2	<2	<.5	40
600277	<.005	129	90	<.2	<2	<2	<.5	120
600298	<.005	52	94	0.2	<2	<2	<.5	300
600305	<.005	3	40	<.2	<2	6	<.5	50
600314	<.005	33	122	<.2	<2	6	<.5	490
600315	<.005	27	284	0.2	8	10	1	210
600317	<.005	27	94	<.2	2	6	<.5	140
600321	<.005	44	72	<.2	16	2	<.5	70
600322	<.005	46	130	<.2	<2	4	<.5	80
600328	<.005	62	130	<.2	<2	6	<.5	50
600332	<.005	10	82	<.2	<2	<2	<.5	90
600334	<.005	269	128	<.2	22	<2	<.5	140
600335	<.005	1	50	<.2	4	4	<.5	50
600345	<.005	72	242	0.2	4	2	<.5	190
600347	<.005	15	156	0.2	4	2	<.5	220
600354	<.005	65	84	<.2	4	6	<.5	200
600361	<.005	11	44	<.2	<2	4	<.5	140
600364	<.005	13	62	<.2	<2	<2	<.5	320
600367	<.005	12	62	<.2	<2	6	<.5	340
600376	<.005	1	34	<.2	2	4	<.5	70
600378	<.005	30	152	<.2	6	8	<.5	140
600419	<.005	22	90	<.2	550	8	0.5	170
600420	<.005	55	86	<.2	10	<2	<.5	140
600424	<.005	3	42	<.2	8	10	<.5	60
600428	<.005	208	78	<.2	6	8	<.5	60
600429	<.005	73	122	<.2	12	4	<.5	60
600435	<.005	14	148	<.2	24	8	<.5	100
600441	<.005	19	88	<.2	34	<2	<.5	180
600448	<.005	1	8	<.2	<2	2	<.5	80
600452	<.005	8	50	<.2	6	8	<.5	90
600453	<.005	5	80	<.2	6	<2	<.5	100
600457	<.005	19	86	<.2	8	2	<.5	230
600460	<.005	29	96	<.2	8	8	<.5	170
600481	<.005	1	12	<.2	<2	2	<.5	40
630871	<.005	37	42	0.4	28	22	0.5	150

1998 ROCK SAMPLE ANALYSES

SAMPLE NO.	Au g/t	Cu ppm	Zn ppm	Ag ppm	As ppm	Pb ppm	Cd ppm	Ba ppm
FR2	<.005	24	88	<.2	8	4	<.5	330
FR4	<.005	59	108	<.2	20	12	<.5	180
FR5	<.005	40	74	<.2	26	18	<.5	160
FR6	<.005	78	152	<.2	38	12	<.5	140
FR7	<.005	16	102	<.2	8	4	<.5	110
FR8	<.005	11	64	0.2	18	8	<.5	100
FR9	<.005	31	84	0.2	16	8	<.5	100
FR10	<.005	13	114	<.2	12	10	<.5	40
FR11	<.005	13	70	<.2	2	<2	<.5	140
FR12	<.005	48	162	<.2	8	10	<.5	44
FR13	<.005	42	96	<.2	12	10	<.5	200
FR14	<.005	28	82	<.2	12	10	<.5	330
FR15	<.005	16	28	<.2	<2	<2	<.5	40
FR15A	<.005	8	36	<.2	6	2	<.5	30
FR16	<.005	46	72	<.2	14	14	<.5	290
FR17	<.005	48	60	<.2	12	12	<.5	180
FR18	<.005	49	106	<.2	20	18	<.5	260
FR19	<.005	30	76	0.2	8	<2	<.5	210
FR37	<.005	28	74	<.2	18	14	<.5	230
FR38	<.005	30	78	<.2	12	10	<.5	160
FR41	<.005	29	78	<.2	10	8	<.5	220
FR42	<.005	31	136	<.2	2	8	<.5	270
FR43	<.005	6	22	<.2	18	2	<.5	150
FR44	<.005	43	108	<.2	28	10	<.5	110
FR45	<.005	9	48	<.2	<2	8	<.5	180
FR46	<.005	3	38	<.2	2	8	<.5	70
FR47	<.005	12	84	<.2	<2	8	<.5	240
FR49	<.005	25	160	<.2	10	8	<.5	360

1998 ROCK SAMPLE ANALYSES

SAMPLE NO.	Au g/ton	Cu ppm	Zn ppm	Ag ppm	As ppm	Pb ppm	Cd ppm	Ba ppm
460251	---	55	106	<.2	16	<2	0.5	50
460252	---	23	114	<.2	62	<2	0.5	90
460253	---	49	90	<.2	2	<2	<.5	30
460254	---	7	38	<.2	2	10	<.5	190
460255	---	6	48	<.2	6	6	<.5	50
460256	.005	79	88	<.2	<2	<2	<.5	50
460257	---	119	74	<.2	10	<2	<.5	60
460258	---	8	82	<.2	22	2	<.5	90
460259	---	10	146	<.2	12	10	<.5	90
460260	---	not submitted						
460261	---	3	42	<.2	12	6	<.5	40
460262	---	4	28	<.2	<2	6	<.5	90
460263	---	3	8	<.2	8	8	<.5	120
460264	---	4	48	<.2	2	8	<.5	40
460265	---	7	64	<.2	26	14	<.5	30
460266	---	1	32	<.2	16	4	<.5	40
460267	---	37	114	<.2	142	2	<.5	110
460268	---	1	12	<.2	<2	8	<.5	120
460269	---	3	42	<.2	14	6	<.5	50
460270	---	1	16	<.2	8	6	<.5	90
460271	---	30	86	<.2	24	<2	<.5	200
598781	not submitted							
598768	not submitted							

ABBREVIATIONS

ald	alder	lim	limonite
am	alpine meadow	mal	malachite
ank	ankerite	Mn	manganese
bs	barite	ms	semi massive sulfides
bldr	boulder	OST	oxidized soil, talus
br	brecciated	ox	oxidized
cal	calcite	py	pyritized
carb	carbonatized	q vn	quartz vein
ch	chloritized	scr	sericitized
cs	coarse	sil	silicified
cpy	chalcopyrite	sp	spruce
cpx	epidotized	sul	sulfides
fir	fir trees	sph	sphalerite
hem	hematized	stwk	stockwork
hbl	hornblende	t	talus
jar/als	jarosite/alunite	vn	vein

SYMBOLS

- outcrop area
- rock sample insitu 1997
- float sample 1997
- rock sample insitu 1996
- float sample 1996
- vegetation contact
- fault
- interpreted fault
- claim post and claim line
- stream & flow direction
- cliff
- slope direction
- swampy
- assumed geological contact
- strike and dip of bedding or zone
- strike and dip of fracture
- strike and dip of shearing
- 1997 weak airborne EM anomaly
- L-1 — conductive or low resistivity response designated for investigation
- low resistivity zone less than 200 ohm metres (coplanar 900 Hz)

LEGEND

ROCK TYPES

Q thick drift, colluvium, alluvium, till

MIDDLE (?) AND UPPER JURASSIC - BOWSER LAKE GROUP
- B1 silty mudstone lithofacies: bioturbated silty mudstone with regularly interbedded, Fe-carbonate cemented fine grained sandstone
- B2 arkosic volcanic litharenite turbidite lithofacies: thin and medium bedded, fine to medium grained, poorly sorted arkosic litharenite with interbedded silty mudstone
- B3 pyritic silty mudstone lithofacies: pyritic, siliceous, tuffaceous silty mudstone, fine to medium grained lithic arkose
- B4 undifferentiated Bowser Lake Sediments

HAZELTON GROUP - SALMON RIVER FORMATION
- S1 undifferentiated sediments (shale, mudstone, dust, limestone, conglomerate, tuffaceous sediments)
- S2 undifferentiated volcanics (basalt, pillowed basalt, volcanic breccia)

HAZELTON GROUP - LOWER AND MIDDLE JURASSIC
- H1 ferricrete
- H2 crystal tuff
- H3 crystal tuff breccia, agglomerate
- H4 ash tuff, ash tuff breccia, agglomerate
- H5 undifferentiated pyroclastic rocks: tuff, breccia, agglomerate
- H6 felsic volcanic rocks (rhyolite)
- H7 intermediate volcanic rocks (dacite)
- H8 mafic volcanic rocks (basalt, pillowed basalt, andesite)
- H9 undifferentiated, strongly altered rock

INTRUSIVE ROCKS
- R1 felsic dykes
- R2 hornblende diorite porphyry
- R3 quartz feldspar porphyry
- R4 mafic dyke

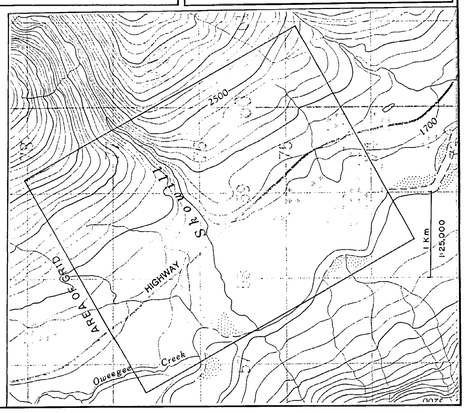
STEWART PROPERTY

MAP 59

DELTA WEST GRID - GEOLOGY & ROCK GEOCHEMICAL SURVEYS

Scale 1:5 000

Geoline Exploration Consultants Ltd — December 1999



ASSESSMENT REPORT
GEOLOGICAL SURVEY BRANCH
26,125