

LOG NO: APR 27 1992 RD.

ACTION:

FILE NO:

ASSESSMENT REPORT  
ON  
GEOCHEMICAL WORK  
ON THE FOLLOWING  
CLAIMS

SUB-RECORDER  
RECEIVED

APR 21 1992

M.R. # ..... \$ .....  
VANCOUVER, B.C.

BEST BET 17 ..... 253569  
BEST BET 18 ..... 253570

located

45 KM NORTH-NORTHWEST OF  
STEWART, BRITISH COLUMBIA  
SKEENA MINING DIVISION

56 degrees 22 minutes latitude  
130 degrees 07 minutes longitude

N.T.S. 104B/8E

PROJECT PERIOD: Sept. 29 to October 11, 1991

ON BEHALF OF  
TEUTON RESOURCES CORP.  
VANCOUVER, B.C.

REPORT BY

D. Cremonese, P. Eng.  
509-675 W. Hastings  
Vancouver, B.C.

Date: April 1992 GEOLOGICAL BRANCH  
ASSESSMENT REPORT

22,261

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## 1. INTRODUCTION

### A. Property, Location, Access and Physiography

The Best Bet claims are situated approximately 6 km north of the airstrip at Tide Lake Flats (just north of the old Granduc concentrator). Access from Stewart, 45 air-kilometers to the south, is by helicopter; alternative access is via the Granduc road to the aforementioned air strip and thence by helicopter. Access by foot is possible from the terminus of the Granduc Road system near the old East Gold mine, however this would entail a hazardous crossing over a highly crevassed glacier.

The claims are bisected by the west-east trending "Little Canoe" Glacier, the first valley glacier north of the giant Frankmackie Glacier, from which a small stream drains eastward into Toe Lake. An extensive icefield encroaches on the northern margins of the claims.

Terrain is steep throughout except on the upland bordering the icecap near the 1,600 m level, an area marked by gently sloping eskers, patches of glacially scoured rock and vegetation consisting of alpine grass, dwarf bushes and mountain flowers. From this upland, sharply incised creeks drain southward into the valley glacier. Intermittent patches of scrubby mountain balsam and hemlock thicken gradually downslope from treeline at the 1,300 m mark.

### B. Status of Property

Relevant claim information is summarized below:

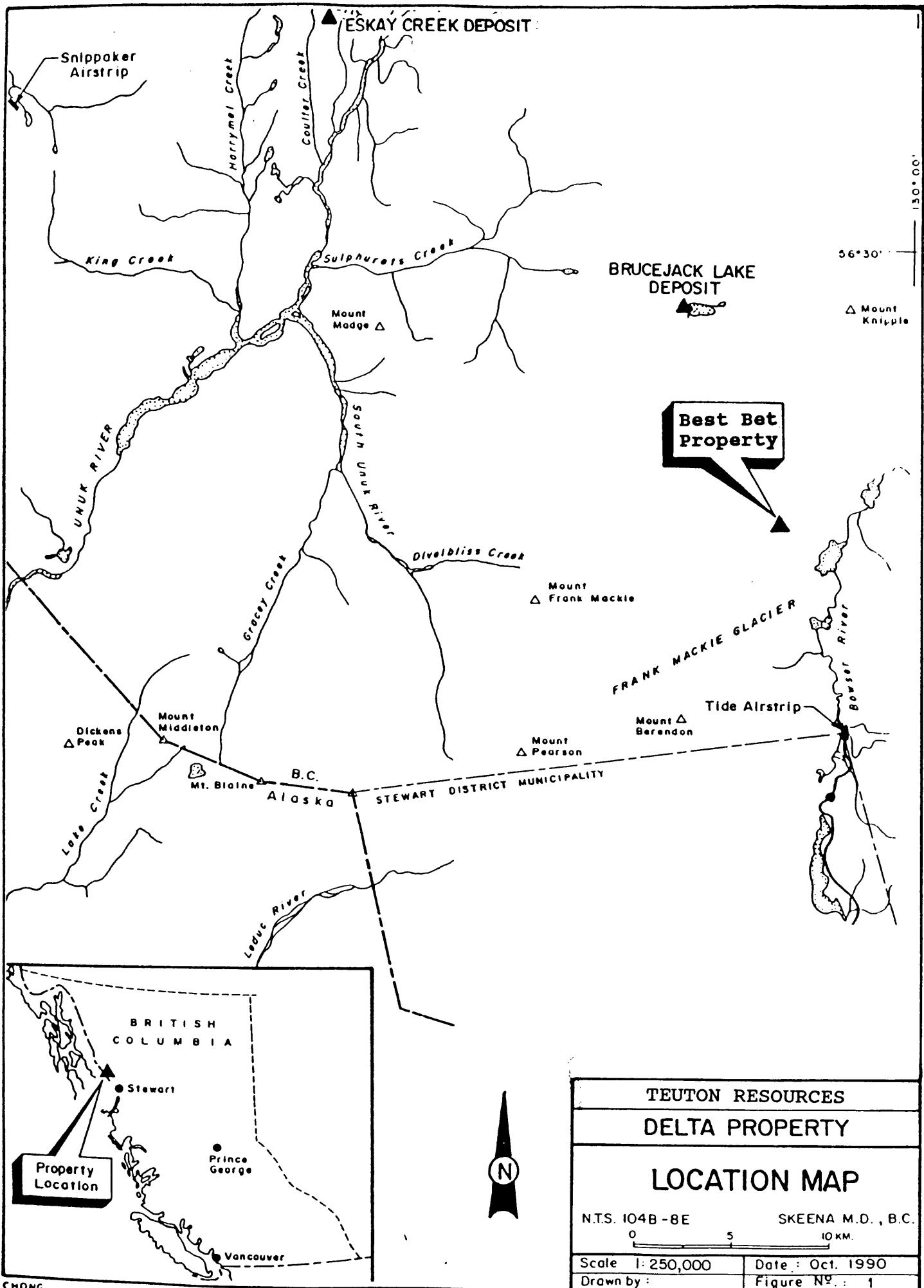
Name	Tenure No.	No. of Units	Record Date
Best Bet 17	253569	20	Jan. 22, 1990
Best Bet 18	253570	20	Jan. 22, 1990

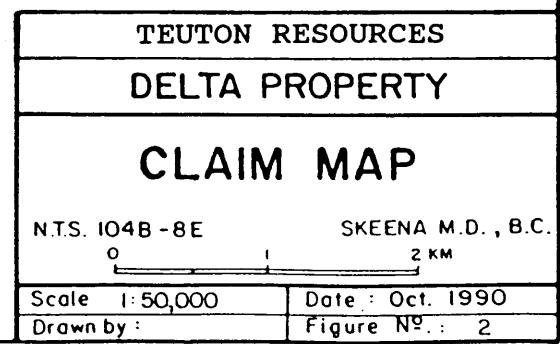
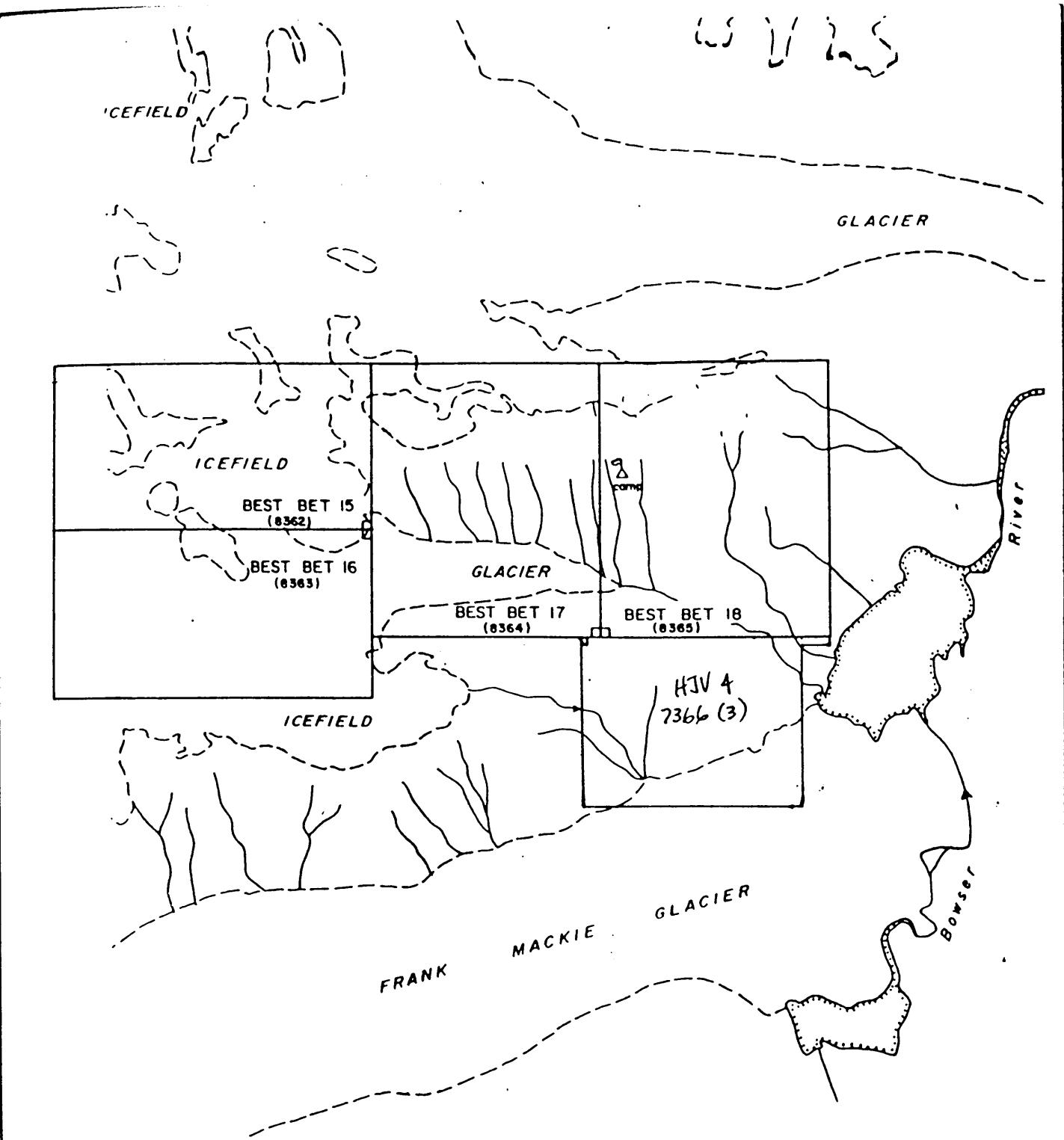
The claims are shown on Fig. 2 and are owned by Teuton Resources Corp. of Vancouver, British Columbia.

### C. History

In 1966/67 the claim area formed part of a regional study by the B.C. Department of Mines under the direction of Ted Grove, P.Eng (Ref.3). A review of the standard geological and government references indicates there was no recorded work undertaken in the immediate vicinity of the property prior to this time.

The area remained dormant until the early 1980's when rising precious metal values prompted many exploration companies to





initiate new reconnaissance programs. Teuton Resources staked the ground in 1982 under the presumption that geology similar to that occurring at the Sulphurets property 15 km to the north may have been exposed by retreating ice. [Note: During this period the Best Bet 17 & 18 claims were covered by the Delta and Alpha claims: the latter were inadvertently allowed to lapse by an optionee in 1989]. The assumption was partially confirmed by a prospecting expedition in 1983 which uncovered a large alteration zone made up, among other units, of sericite schists and pyritized sediments.

Geochemical stream sediment and rock character sampling during a reconnaissance program carried out in 1985 by Teuton Resources Corp. (Ref. 7) resulted in the discovery of a number of samples highly anomalous in gold and silver.

The property was optioned to Territorial Petroleum a year later. Territorial drilled a few short holes to test for extensions of a native gold occurrence noted the previous year on the topland in the northeastern quadrant of the claim. This program failed to uncover any economic mineralization. Reconnaissance investigations carried out at the same time were more fruitful. A soil geochem survey along 30 m topographic contours, sample interval 25 meters, disclosed a number of distinct +400 ppb gold anomalies (with roughly coincident silver, lead, and zinc anomalies), located in the western half of the Delta claim [now covered by Best Bet 17 claim]. Rock sampling in the center of one of the anomalies provided samples of up to 0.2 ounces per ton in a silicified tuff.

The property was re-optioned to Canarc Resources Corp. in 1989. During 1989-1990 Canarc carried out a comprehensive exploration program consisting of prospecting, sampling, trenching, geological mapping, geochemical surveys and both airborne and ground geophysical surveys. Several targets were located as a result of this work including two prominent IP-resistivity anomalies (with coincident Mag/VLF trends) in the "M" and "J" zones. Canarc dropped the option in early 1991 and the property reverted to Teuton.

#### D. References

1. ALLDRICK, D.J. (1984); Geological Setting of the Precious Metals Deposits in the Stewart Area, Paper 84-1, Geological Fieldwork 1983, B.C.M.E.M.P.R.
2. GROVE, E.W. ET AL (1982); Unuk River-Salmon River-Anyox Area. Geological Mapping 1:1000000 B.C.M.E.M.P.R.
3. GROVE, E.W. (1982); The Frankmackie Glacier Property, A Summary Report Compiled for Teuton Resources Corp. (Private).

4. GROVE, E.W. (1971); Geology of Mineral Deposits of the Stewart Area. Bulletin 58, B.C.M.E.M.P.R.
5. CREMONESE, D. (1983); Assessment Report on Prospecting Work on the Following Claims, Alpha #3619(112) and Delta #3622(11). NTS 104B/8E.
6. GROVES, W.D. & SHELDRAKE, R.(1984); Assessment Report on Geophysical Work (Airborne EM and Mag) on the Bowser River Properties of Teuton Resources Corp. NTS 104B/8E
7. CREMONESE, D., P.ENG. (1985); Assessment Report on Geological and Geochemical Work on the Alpha and Delta Claims, NTS 104B/8E.
8. CREMONESE, D., P.ENG., (1987); Assessment Report on Diamond Drilling Work on the Delta Claim, NTS 104B/8E. On file with Dept. of Energy, Mines & Petroleum Resources.
9. WILSON, JOHN & MCCROSSAN, ED (1990); Geological, Geochemical and Geophysical Report on the Delta Property near Stewart, British Columbia. Private Report for Canarc Resources Corp.
10. STANLEY, CLIFFORD R. (1987): PROBPLOT--An Interactive Computer Program to Fit Mixtures of Normal (or Log Normal) Distributions with Maximum Likelihood Optimization Procedures; Instruction Manual -- Association of Exploration Geochemists, Special Volume 14.

#### **E. Summary of Work Done**

The 1991 geochemical program on the property was undertaken by contractor Terra Nova Explorations under the supervision of geologist Brian Hall. This program was part of a larger work program carried out in the Frankmackie Glacier area on several properties owned by Teuton Resources Corp. and spanning the period from Sept. 29 to Oct. 11, 1991.

A base camp was mobilized by helicopter to the Four J's property, located a few kilometers south of the Best Bet claims. Pickets for the grid were prepared at base camp, and, after a brief weather delay, Brian Hall and two assistants were flown to the Best Bet claims by helicopter on Oct. 3, 1991. A grid was established (conformable with the 1990 Canarc grid) and 203 soil samples were collected. The crew was demobilized to base camp by helicopter.

The soil geochemical samples were shipped to the Eco-Tech facility in Kamloops where they were analysed for gold content by standard AA techniques, as well as for 30 elements by I.C.P. (Inductively Coupled Argon Plasma).

## 2. TECHNICAL DATA AND INTERPRETATION

### A. Regional Geology

The Best Bet claims lie in the Stewart area east of the Coast Crystalline Complex and within the western onlap boundary of the Bowser Basin. Rocks exposed in the area belong to the Mesozoic Hazelton Group and have been folded on regional NW-SE axes, cut by faults and selective tectonism, locally hydrothermalized and intruded by plugs of both Cenozoic and Mesozoic age.

Locally, within the Hazelton Group, Lower Jurassic volcanic and sedimentary rocks of the Unuk River Formation are unconformably overlain by the Middle Jurassic marine and non-marine volcanics and sediments of the Betty Creek Formation, the volcano-sedimentary Upper Jurassic Salmon River Formation, and the post-accretion fine clastic basinal Nass Formation.

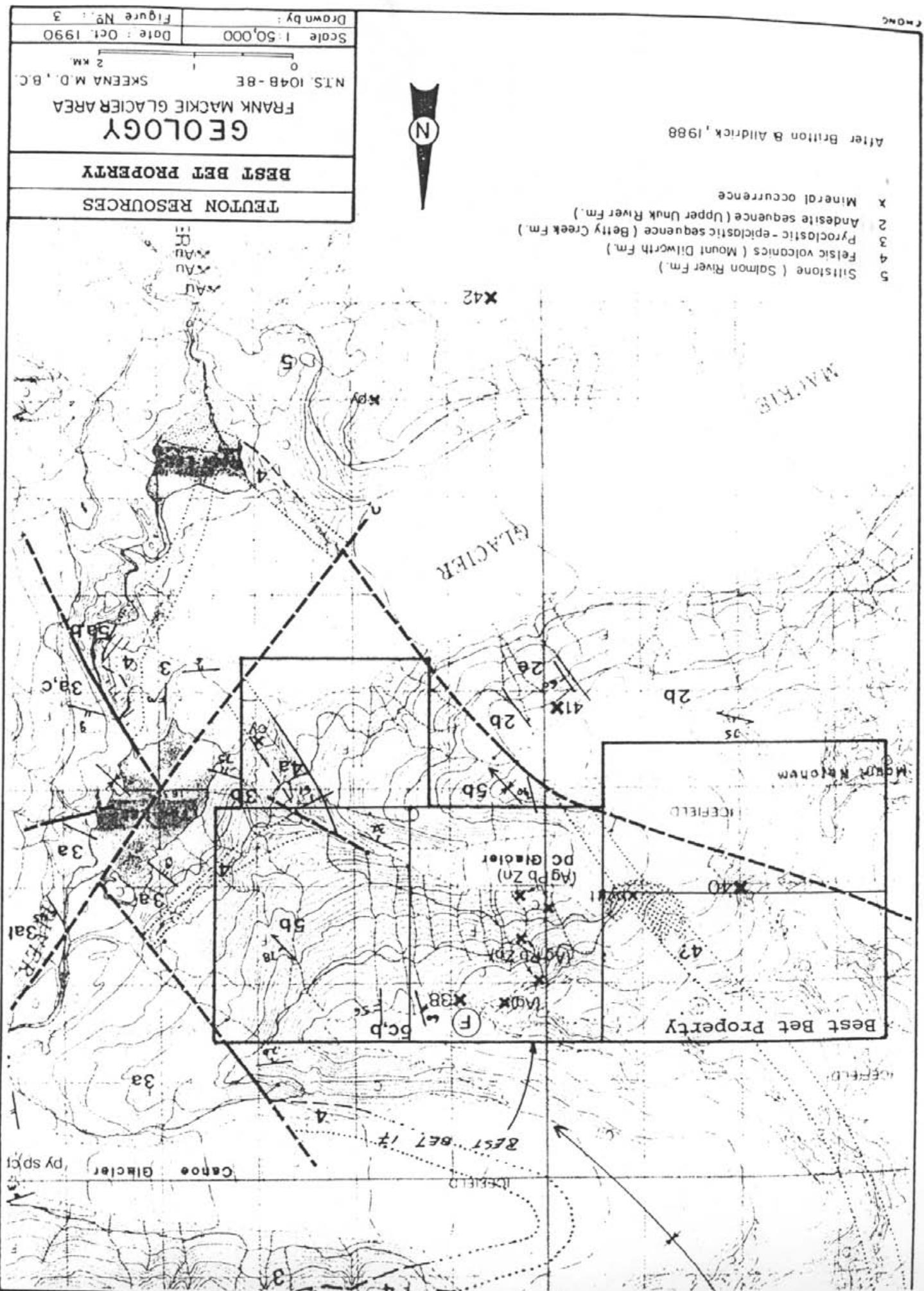
The oldest rocks in the area belong to the Lower Jurassic Unuk River Formation which forms a north-northwesterly trending belt extending from Alice Arm to the Iskut River. It consists of green, red and purple volcanic breccia, conglomerate, sandstone and siltstone with minor crystal and lithic tuff, limestone, chert and coal. Also included in the sequence are pillow lavas and volcanic flows.

In the study area the Unuk River Formation is overlain by Lower Middle and Middle Jurassic rocks from the Betty Creek and Salmon River Formations, respectively. A variable to high angle unconformity is in places traceable between the underlying (steeper) Unuk River cycle of volcanics and overlying (flatter) cycle of often similar-looking Betty Creek volcanics. Geometry of the interface between the Betty Creek and overlying Salmon River is, at most, somewhat disconformable: the Nass Formation overlies as a sedimentary quiet basin-filling onlap with only a relatively minor erosional component from the island-arc and/or accreted terrane.

The Betty Creek Formation consists of submarine pillow lavas, broken pillow breccias, andesitic and basaltic flows, plus (emergent) green, red and purple volcanic breccia, conglomerate, sandstone and siltstone with minor crystal and lithic tuff, limestone, chert and coal. Also included in the sequence are pillow lavas and volcanic flows.

According to Grove (Ref. 2 & 3), the majority of the rocks from the Hazelton Group were derived from the Hazelton age andesitic volcanoes subsequently rapidly eroding to form overlapping lenticular sedimentary wedges varying laterally in grain size from breccia to siltstone.

Intrusives in the region are dominated by the granodiorite of



the Coast Plutonic Complex (to the west). Some of the smaller intrusive plugs in the study area range from quartz monzonite to granite and are likely related outlyer processes associated with the Coast Plutonic Complex.

Regional geology is presented in this report in Fig. 3.

## B. Property Geology

In general, the western margin of the property is underlain by Lower Jurassic volcanics and sediments of the Unuk River Formation. These rocks are unconformably overlain to the east by Middle Jurassic sediments of the Salmon River Formation. The sediments have been folded into synclines and anticlines with northerly trending fold axes. Small Eocene feldspar porphyry intrusions, important as mineralizers in the region, outcrop in the northwest quadrant of the Best Bet 17 claim.

## C. Geochemistry - Soil Samples

### a. Introduction

Grid references were taken from the grid established during the 1989-90 surface exploration program operated by former optionee Canarc Resources Corp. Because of time constraints, the re-established grid was confined to a specific area of interest: between Lines 250S--900S and Stations 200W--1000W. This area coincided with the two IP-Resisitivity anomalies detected in the 1990 ground geophysical surveys. Object of the 1991 exploration program was to test this favourable zone for coincident soil geochem anomalies. Snow cover, steep terrain and rock outcrop precluded a complete investigation of the grid area selected. Nevertheless, 203 geochem soil samples were collected from 11 lines of varying length. Sampling was done at 25m intervals where possible.

Grid location relative to claim lines was fixed according to field altimeter readings and reference to airphotos.

### b. Treatment of data

Values for gold, silver, arsenic, copper, lead, and zinc have been plotted in this report on Figs. 4 to 9, respectively. The data is presented on maps drawn at a scale of 1 to 5,000 and is shown in relation to stream courses and claim lines.

The numerical values for each of the sample sites have been contoured using the Probplot computer program (Ref. 10). Contour levels were chosen empirically for each element after reference to

results of several other soil geochem programs carried out in the region over the past ten years. This has been found to be a better method for delineating anomalous areas than the rigorous standard application of statistical methods.

### c. Discussion

A strong gold anomaly is evident between Lines 300S--500S and Stations 475W--625W, coincident with the "M" zone IP-Resistivity anomaly discovered by Canarc crews in 1990. Nine sample sites within the core of this anomaly exceed 600 ppb gold, maximum value being 4850 ppb. The Fig. 4 gold computer contour plot shows a weaker anomaly, values between 150 ppb and 660 ppb, extending south from the western edge of the 600+ ppb core anomaly to the end of the grid on Line 900S. This may be either a typical downslope dispersion effect or evidence that the source continues in a southward direction.

A smaller, but intense, gold anomaly is centered on Line 850S, Stations 850 and 875W (gold values of 1,535 and 1,275 ppb, respectively). This geochem anomaly coincides well with the "J" IP-Resistivity anomaly discovered in 1990. Size of this anomaly is indeterminate at the present time due to its location near the southwestern edge of the grid. It may represent a faulted extension of the source of the "M" zone geochem anomaly, an interpretation that is supported by the mag data contours established by the 1990 ground geophysical surveys. For reference, a 1990 grab sample from an outcrop of tightly folded felsic tuffs taken within this area ran 1.767 oz/ton gold [Sample "DJ"]--it may well be related to the source of the geochem anomaly.

The silver plot on Fig. 5 shows a very good correlation with the gold plot. Two main anomalous areas are apparent, much like those on Fig. 4; the larger anomaly even has a downslope dispersion pattern similar to that in the gold plot. However, there is also a third silver anomaly evident in the northwest portion of the grid extending to the boundaries of the area tested. Anomalous silver values ranged up to a maximum value of 8.0 ppm at Line 350S, Station 600W.

The arsenic (Fig. 6), lead (Fig. 8) and zinc (Fig. 7) plots share a roughly similar pattern which is distinct from those for gold and silver. In general the most consistently anomalous values occur in the northwest portion of the grid between Stations 725 and 900W attenuating, with random highs in between, downslope in a SSE direction. The lead and zinc plots, and to a lesser extent the arsenic plot, also show anomalies coinciding with the two prime gold anomalies. Interestingly, the highest spot value for arsenic, lead and zinc occurs at Line 900S, Station 925W: 865 ppm As, 1374 ppm Pb and 2086 ppm Zn.

Copper contours, plotted on Fig. 7, show weaker anomalies clustered within the three silver anomalies more prominently expressed in Fig. 6. The copper-silver correlation may be due to tetrahedrite mineralization of the kind noted in small quartz veins throughout the property. Maximum value of 285 ppm copper occurs at Line 400S, Station 525W.

It should also be noted that metal values for all elements tested are at background levels in the easternmost portion of the grid between Stations 200W to 425W. This area is underlain by a sedimentary unit consisting of black argillites, wacke, siltstone and mudstone. By contrast, the more geochemically active area to the west is underlain by volcanic units, primarily crystal lithic tuffs (some lapilli tuff) and schist (quartz-sericite-pyrite).

#### D. Field Procedure and Laboratory Technique

Soil samples were taken in the field by digging with a mattock to the "C" soil horizon (poorly developed for the most part), with samples running approximately 300 to 500 grams of material. This was then placed into a standard Kraft Bag. The bags were then marked, allowed to dry, and shipped by bus to Vancouver for analysis at the Acme Analytical Laboratories facility on 852 East Hastings Street.

After standard sample preparation for soils, a .500 gram subsample was digested with 3ml of 3-1-2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95 degrees Centigrade for one hour, then diluted to 10 ml with water. The resulting solution was tested by Inductively Coupled Argon Plasma to yield quantitative results for 30 elements. Gold was analysed by standard atomic absorption methods from a 10 gram subsample.

#### E. Conclusions

The 1991 geochemical soil survey located two distinct gold anomalies with overlapping Ag-Cu-(As)-Pb-Zn anomalies. A silver anomaly with coincident Pb-Zn-As-(Cu) highs is also present in the northwest corner of the grid area. The two gold geochem anomalies also correspond with two IP-Resistivity anomalies located during a ground geophysical survey conducted late in the field season the previous year (1990). The lower of the two gold anomalies overlaps the area where a 1990 grab sample returned values of 1.767 oz/ton Au.

More work is warranted to follow up the coincident geochemical and geophysical anomalies. This work should include further geochemical soil sampling and IP-Resistivity surveys both on untested portions of the 1991 grid as well as grid extensions along anomalous trends. This program should be supplemented by prospecting for the source of the anomalous responses, rock geochem

sampling, trenching and geological mapping. A favourable outcome would lead to a second phase of diamond drilling of selected targets.

Respectfully submitted,



D. Cremonese, P.Eng.  
April 15, 1992

### APPENDIX I -- WORK COST STATEMENT

Field Personnel--Period Sept. 29 to Oct. 11, 1991:

B. Hall, Geologist	
2 days @ \$321/day	\$645
B. Sauer, Assistant	
2 days @ \$187/day	374
M. Gray, Assistant	
2 days @ \$187/day	374

Helicopter -- VIH/Stewart Base

Crew drop-offs/pick-up	
1.4 hrs @ \$771/hr.	1,079

Food -- 6 man-days @ \$25/man-day	150
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Personnel: mob/demob (home base to Stewart, return) (prorated with other projects where applicable)	900
--	-----

Assays--Eco-Tech Labs, Kamloops, B.C.

Geochem Au, I.C.P. and soil sample preparation 203 @ \$13.25 sample	2,690
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#### Report Costs

Report and map preparation, compilation and research	
D. Cremonese, P.Eng., 2.5 days @ \$350/day	875
Draughting/Geochem Contouring -- RPM Computer	240
Word Processor - 4 hrs. @ \$25/hr.	100
Copies, report, jackets, maps, etc.	40
<b>TOTAL.....</b>	<b>\$ 7,467</b>

Amount Claimed Per Statement of Exploration: \$7,200

**APPENDIX II - CERTIFICATE**

I, Dino M. Cremonese, do hereby certify that:

1. I am a mineral property consultant with an office at Suite 509-675 W. Hastings, Vancouver, B.C.
2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).
3. I am a Professional Engineer registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.
4. I have practiced my profession since 1979.
5. This report is based upon work carried out on the Best Bet 17 & 18 claims, Skeena Mining Division in October of 1991. Reference to field notes and maps made by geologist Brian Hall is acknowledged. I have full confidence in the abilities of all samplers used in the 1991 geochemical program and am satisfied that all samples were taken properly and with care.
6. I am a principal of Teuton Resources Corp., owner of the Best Bet claims: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 15th day of April, 1992.



D. Cremonese, P.Eng.

**Appendix III**

**Assay Certificates**

ECO-TECH LABORATORIES LTD.  
10041 EAST TRANS CANADA HWY.  
KAMLOOPS, B.C. V2C 2J3  
PHONE - 604-573-5700

OCTOBER 18, 1991

FAX - 604-573-4557

TEUTON RESOURCES CORP. - ETK 91-011  
602 - 675 WEST HASTINGS STREET  
VANCOUVER, B.C.  
V6B 1H2

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: DELTA  
203 SOIL SAMPLES RECEIVED OCTOBER 9, 1991

ET#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	CU FE(%)	E(%)	LA MG(%)	MN	MO MA(%)	M1	P	PB	SB	SN	SR TI(%)	U	V	W	T	EW
1	- D L 250M- 575E	105	1.6 1.01	100	6	85	<5 .27	1	27	10	109	5.77 .02	<10 .49	883	3 <.01	28	1290	196	40 <20	14 .01	<10	31 <10	4	273		
2	- D L 250M- 600E	145	1.4 1.14	135	6	75	<5 .20	<1	28	13	120	5.96 .01	<10 .54	749	4 <.01	33	1470	188	40 <20	12 .01	<10	37 <10	<1	289		
3	- D L 250M- 625E	70	1.4 .22	285	6	90	<5 .20	<1	18	1	94	9.50 <.01	10 .18	1139	3 <.01	11	3990	222	65 <20	11 <.01	<10	12 <10	<1	237		
4	- D L 250M- 650E	265	2.6 .69	310	8	105	<5 .26	2	30	5	268	8.99 <.01	10 .39	1776	15 <.01	41	1620	256	95 <20	24 <.01	<10	24 <10	3	392		
5	- D L 250M- 675E	200	1.0 2.11	165	6	165	<5 .75	2	32	7	131	5.64 .03	10 1.05	1642	2 <.01	15	1610	194	20 <20	24 .02	<10	82 <10	7	371		
6	- D L 250M- 700E	110	1.0 2.10	255	6	215	<5 .90	3	34	8	137	5.70 <.01	10 1.23	2261	1 <.01	14	1880	242	25 <20	30 .02	<10	80 <10	7	427		
7	- D L 250M- 725E	85	1.0 2.07	340	8	280	<5 1.00	3	36	8	136	5.85 <.01	10 1.28	2345	1 <.01	15	2030	246	25 <20	30 .01	<10	80 <10	7	479		
8	- D L 250M- 775E	95	1.0 2.14	375	8	250	<5 2.08	2	33	8	132	5.64 <.01	10 1.50	2095	1 <.01	14	1970	234	25 <20	47 .01	<10	83 <10	5	435		
9	- D L 250M- 800E	120	3.2 1.94	345	8	230	<5 1.36	2	32	7	129	5.70 <.01	10 1.28	2042	1 <.01	13	1970	234	20 <20	36 .01	<10	76 <10	5	403		
10	- D L 250M- 850E	55	1.8 2.22	515	8	315	<5 1.13	3	38	7	163	6.15 <.01	10 1.43	2830	1 <.01	15	2090	438	30 <20	35 .01	<10	93 <10	4	502		
11	- D L 250M- 875E	160	3.4 2.08	715	6	350	<5 .93	6	41	6	172	6.35 <.01	10 1.33	3380	1 <.01	14	2080	1068	60 <20	33 .01	<10	80 <10	4	776		
12	- D L 250M- 900E	70	1.8 1.76	310	6	380	<5 .94	3	37	7	147	5.61 <.01	10 1.22	2749	1 <.01	16	2150	376	20 <20	36 .01	<10	66 <10	4	635		
13	- D L 300M- 525E	165	.6 1.15	80	4	65	<5 .19	<1	18	10	84	5.59 .03	10 .58	743	3 .01	17	1450	96	30 <20	11 .01	<10	31 <10	2	141		
14	- D L 300M- 550E	120	3.0 .68	135	6	90	<5 .40	5	33	6	137	6.10 .01	<10 .37	1155	3 <.01	27	1720	582	125 <20	21 <.01	<10	26 <10	2	741		
15	- D L 300M- 575E	130	2.0 .90	140	4	85	<5 .27	1	28	9	128	5.82 .01	10 .42	1244	6 <.01	28	1530	176	40 <20	12 <.01	<10	29 <10	1	277		
16	- D L 300M- 625E	345	2.2 .53	265	6	140	<5 .26	2	28	<1	123	7.23 <.01	10 .28	2201	5 <.01	11	1410	208	40 <20	16 <.01	<10	18 <10	<1	357		
17	- D L 300M- 650E	80	1.0 2.24	285	4	210	<5 1.13	2	32	8	122	5.75 <.01	10 1.33	1874	<1 <.01	12	1710	248	20 <20	31 .03	<10	88 <10	7	447		
18	- D L 300M- 675E	100	1.0 2.09	360	4	235	<5 .66	3	37	8	143	6.06 <.01	10 1.32	2420	1 <.01	15	1980	282	25 <20	26 .02	<10	81 <10	7	530		
19	- D L 300M- 700E	230	1.0 2.10	315	6	255	<5 .82	3	35	8	131	5.83 <.01	20 1.31	2006	1 .02	14	1800	246	20 <20	29 .03	<10	82 <10	8	460		
20	- D L 300M- 725E	110	1.8 1.98	675	10	300	<5 .94	5	38	7	149	6.07 <.01	10 1.27	2636	1 <.01	16	1960	404	30 <20	39 .01	<10	75 <10	6	602		
21	- D L 300M- 750E	75	1.4 2.08	670	4	290	<5 1.33	4	36	7	152	5.94 <.01	10 1.42	2220	1 <.01	15	2120	412	35 <20	39 .01	<10	79 <10	4	548		
22	- D L 300M- 775E	100	1.8 1.97	340	4	270	<5 1.40	3	34	8	132	5.60 <.01	10 1.27	2164	1 <.01	15	1920	342	30 <20	35 .01	<10	76 <10	5	451		
23	- D L 300M- 800E	110	2.2 2.01	510	4	290	<5 1.87	4	37	7	146	5.97 <.01	10 1.30	2579	1 <.01	16	1940	566	40 <20	50 .01	<10	76 <10	3	545		
24	- D L 350M- 475E	405	1.0 .66	130	4	50	<5 .18	1	34	2	167	6.80 <.01	10 .43	1415	8 <.01	20	1480	76	15 <20	5 <.01	<10	10 <10	<1	134		
25	- D L 350M- 500E	375	1.0 .67	105	6	40	<5 .17	1	28	2	148	6.18 <.01	10 .50	1052	7 <.01	22	1430	72	10 <20	5 <.01	<10	16 <10	<1	148		
26	- D L 350M- 525E	135	.6 1.01	100	6	90	<5 .49	1	34	4	138	5.89 .02	10 .68	1797	3 <.01	16	1990	74	20 <20	16 <.01	<10	46 <10	9	168		

## PAGE 2 TRITON RESOURCES ETK 91-811

ET#	DESCRIPTION	AU(ppb)	OCTOBER 18, 1991												ECO-TECH LABORATORIES LTD.																
			AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	I(%)	LA	MG(%)	MR	NO	NA(%)	N	P	PB	SB	SM	SR	TI(%)	U	V	W	X
27 - D L 350E- 550E	60	2.0	.54	110	8	115	<5	.67	6	36	3	97	5.77	.01	10	.40	2087	1	<.01	15	2500	250	60	<20	23	<.01	<10	36	<10	5	602
28 - D L 350E- 575E	70	1.6	.60	100	6	210	<5	.41	1	31	3	71	5.74	.03	10	.33	5230	6	<.01	15	3430	72	20	<20	27	<.01	<10	21	<10	3	379
29 - D L 350E- 600E	635	8.0	.49	370	6	110	<5	.06	<1	22	3	150	7.68	<.01	10	.26	752	16	<.01	16	1740	254	65	<20	20	<.01	<10	18	<10	<1	232
30 - D L 350E- 625E	925	7.6	.58	355	6	120	<5	.13	1	44	<1	95	11.90	<.01	20	.33	4675	12	<.01	10	2100	178	20	<20	12	<.01	<10	12	<10	<1	207
31 - D L 350E- 650E	65	1.0	2.55	225	8	180	<5	.80	2	38	12	143	5.71	.03	10	1.41	1855	1	<.01	19	1450	212	20	<20	19	.03	<10	96	<10	6	393
32 - D L 350E- 675E	135	.8	1.92	295	6	220	<5	.65	2	32	8	124	5.43	<.01	10	1.21	1944	<1	<.01	17	1960	208	25	<20	24	.02	<10	73	<10	7	402
33 - D L 350E- 700E	90	1.2	1.77	395	8	270	<5	.68	3	33	6	128	5.52	<.01	20	1.05	2160	1	.03	14	2180	292	25	<20	27	.02	<10	66	<10	9	416
34 - D L 350E- 725E	180	1.6	1.91	405	8	325	<5	.65	4	36	8	134	5.77	<.01	10	1.26	2330	1	<.01	16	2190	338	25	<20	24	.02	<10	77	<10	6	461
35 - D L 350E- 750E	90	2.0	1.85	440	6	235	<5	.62	4	34	7	135	5.89	<.01	20	1.18	2330	1	<.01	14	2190	494	15	<20	24	.02	<10	76	<10	6	509
36 - D L 350E- 775E	105	1.8	1.70	415	6	210	<5	.63	3	33	6	120	5.72	<.01	20	1.10	2136	1	<.01	13	2280	480	15	<20	24	.02	<10	72	<10	6	459
37 - D L 350E- 800E	110	1.0	1.74	405	8	205	<5	.62	3	32	7	128	5.72	<.01	20	1.13	2085	1	<.01	14	2270	466	35	<20	23	.02	<10	73	<10	6	457
38 - D L 350E- 825E	205	2.0	1.73	400	6	210	<5	.62	4	32	7	127	5.67	<.01	20	1.10	2100	1	<.01	14	2240	446	35	<20	24	.02	<10	73	<10	6	449
39 - D L 350E- 850E	95	1.8	1.78	465	4	225	<5	.63	4	34	7	138	5.95	<.01	20	1.19	2238	1	<.01	15	2270	532	40	<20	26	.02	<10	75	<10	5	507
40 - D 400E- 200E	5	<.2	1.83	30	4	75	<5	.28	<1	27	56	49	4.36	.03	10	.97	751	1	.01	92	1140	30	5	<20	36	<.01	<10	33	<10	<1	111
41 - D 400E- 225E	20	.2	1.01	25	6	80	<5	.30	<1	29	57	58	4.71	.04	10	.92	957	1	<.01	92	1130	28	5	<20	34	<.01	<10	32	<10	2	131
42 - D 400E- 250E	5	.2	1.53	25	4	60	<5	.28	<1	29	46	54	4.57	.03	10	.81	974	1	.01	90	1300	28	5	<20	34	<.01	<10	27	<10	1	123
43 - D 400E- 275E	<5	<.2	1.84	25	8	60	<5	.25	<1	28	61	52	4.29	.02	10	1.04	747	1	<.01	94	1050	28	5	<20	30	<.01	<10	34	<10	<1	109
44 - D 400E- 300E	<5	<.2	1.92	30	6	85	<5	.24	<1	34	61	60	5.02	.04	10	.91	864	1	.01	104	1350	34	10	<20	34	<.01	<10	36	<10	<1	126
45 - D 400E- 325E	<5	.2	1.48	55	6	85	<5	.32	<1	34	43	63	5.23	.03	10	.75	903	1	<.01	117	1420	34	10	<20	41	<.01	<10	27	<10	1	146
46 - D 400E- 350E	<5	.4	1.55	35	6	120	<5	.28	<1	40	29	63	5.21	.04	10	.81	2409	2	<.01	98	1160	24	10	<20	35	<.01	<10	23	<10	1	156
47 - D 400E- 375E	5	.4	1.63	40	6	110	<5	.25	1	47	37	77	5.41	.04	10	.79	2214	2	.01	118	1250	32	10	<20	32	<.01	<10	27	<10	2	168
48 - D 400E- 400E	175	.4	1.67	40	6	110	<5	.26	1	46	38	78	5.49	.04	10	.81	2112	2	<.01	116	1260	30	10	<20	34	<.01	<10	28	<10	2	171
49 - D 400E- 425E	10	.6	1.42	45	6	100	<5	.16	<1	49	38	86	6.32	.03	10	.61	2092	2	.01	121	1690	38	10	<20	24	<.01	<10	26	<10	<1	172
50 - D 400E- 450E	85	.8	.68	90	6	30	<5	.06	<1	18	4	105	5.04	<.01	10	.50	692	7	.01	20	1380	62	15	<20	4	<.01	<10	13	<10	<1	112
51 - D 400E- 475E	250	2.0	.49	145	6	50	<5	.12	<1	18	1	124	6.83	<.01	10	.37	734	9	<.01	18	1550	212	20	<20	6	<.01	<10	10	<10	<1	255
52 - D 400E- 500E	800	2.4	1.47	145	8	115	<5	.39	4	20	6	262	6.07	.03	10	1.04	1891	6	<.01	18	1670	134	15	<20	18	<.01	<10	46	<10	5	270
53 - D 400E- 525E	1170	2.2	1.49	155	8	120	<5	.39	4	30	7	285	6.43	.02	20	1.05	2006	7	<.01	18	1800	144	20	<20	18	<.01	<10	47	<10	6	283
54 - D 400E- 550E	865	1.8	1.47	145	8	115	<5	.36	4	27	7	268	6.16	.02	10	1.06	1868	6	<.01	20	1680	136	20	<20	16	<.01	<10	46	<10	5	272
55 - D 400E- 575E	4850	3.0	1.17	175	10	80	<5	.38	3	30	6	208	6.28	<.01	10	.89	1542	5	<.01	22	1600	114	25	<20	18	<.01	<10	39	<10	2	250
56 - D 400E- 600E	2510	4.2	1.15	180	8	85	<5	.37	4	30	4	196	6.30	<.01	10	.87	1611	5	<.01	21	1650	124	25	<20	16	<.01	<10	39	<10	2	258
57 - D 400E- 625E	380	4.0	.29	260	8	60	<5	.08	1	27	<1	205	6.98	<.01	10	.20	1002	15	<.01	16	1440	130	55	<20	11	<.01	<10	11	<10	<1	210
58 - D 400E- 650E	275	1.8	.96	175	6	145	<5	.48	1	30	3	92	5.87	<.01	10	.60	1601	2	<.01	14	1510	86	20	<20	16	.01	<10	34	<10	1	197
59 - D 400E- 675E	555	.8	2.26	140	6	105	<5	.81	2	39	7	164	6.04	<.01	10	1.34	1964	<1	<.01	10	1700	158	25	<20	23	.03	<10	94	<10	5	335
60 - D 400E- 725E	205	1.0	2.06	430	8	320	<5	.65	3	36	9	150	5.94	<.01	20	1.30	1939	1	.01	19	1780	288	25	<20	26	.02	<10	79	<10	8	436
61 - D 400E- 750E	105	1.4	2.02	345	8	225	<5	.63	3	33	7	123	5.93	<.01	20	1.22	1970	1	.01	15	1900	306	25	<20	28	.04	<10	81	<10	9	419
62 - D 400E- 775E	85	1.4	1.83	525	6	235	<5	1.10	4	35	6	155	6.27	<.01	10	1.17	2740	1	<.01	15	1790	610	30	<20	32	.01	<10	92	<10	5	571
63 - D 400E- 800E	35	1.0	2.01	265	8	185	<5	.84	2	30	9	185	5.63	<.01	10	1.29	1713	1	<.01	15	1830	266	20	<20	29	.02	<10	80	<10	5	339

## PAGE 3 TRITON RESOURCES RTK 91-811

RTK	DESCRIPTION	AU(ppb)	OCTOBER 18, 1991												ECO-TECH LABORATORIES LTD.																
			AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	NR	NO	NA(%)	NI	P	PB	SB	SN	SR	T(%)	U	V	W	X
64 - D 450M- 200E	50	.2	1.80	20	8	60	<5	.25	<1	34	57	56	4.30	.02	<10	.94	853	1	<.01	110	1150	22	5	<20	32	<.01	<10	31	<10	1	114
65 - D 450M- 225E	45	.2	1.87	25	8	70	<5	.22	<1	32	60	56	4.41	.03	10	.98	904	1	<.01	97	1150	24	10	<20	29	<.01	<10	34	<10	<1	111
66 - D 450M- 250E	20	<.2	1.83	20	8	65	<5	.24	<1	30	60	51	4.19	.03	10	1.00	773	1	<.01	95	1140	24	5	<20	31	<.01	<10	33	<10	<1	106
67 - D 450M- 275E	35	.2	2.03	30	8	90	<5	.25	<1	36	64	63	4.99	.03	10	1.03	1046	1	<.01	109	1390	26	10	<20	35	<.01	<10	36	<10	<1	126
68 - D 450M- 300E	30	.2	2.05	25	6	105	<5	.33	<1	36	62	62	5.09	.06	10	.98	1015	1	<.01	115	1320	30	10	<20	44	<.01	<10	36	<10	1	132
69 - D 450M- 325E	20	.2	1.91	30	8	60	<5	.26	<1	28	65	68	4.87	.02	10	1.06	601	1	<.01	101	1170	34	5	<20	33	<.01	<10	38	<10	<1	125
70 - D 450M- 350E	25	.2	1.55	50	6	105	<5	.31	<1	36	45	65	5.37	.04	10	.77	1036	1	<.01	127	1310	34	5	<20	42	<.01	<10	28	<10	1	154
71 - D 450M- 375E	15	.2	1.80	40	6	105	<5	.35	<1	39	39	71	5.41	.06	10	.87	1360	1	<.01	105	1250	24	10	<20	46	<.01	<10	27	<10	2	149
72 - D 450M- 400E	10	.4	1.84	30	8	95	<5	.09	<1	50	42	71	5.33	.04	10	.91	1716	2	<.01	104	1030	30	10	<20	19	<.01	<10	30	<10	<1	152
73 - D 450M- 425E	20	.4	1.57	45	6	120	<5	.15	1	49	39	84	5.02	.05	10	.68	1668	2	<.01	127	1390	36	15	<20	25	<.01	<10	27	<10	1	183
74 - D 450M- 450E	20	.6	1.43	40	6	95	<5	.15	1	31	20	82	5.26	.04	10	.67	1387	6	<.01	79	1130	38	10	<20	16	<.01	<10	22	<10	3	210
75 - D 450M- 475E	10	1.4	.60	105	6	50	<5	.03	<1	19	3	67	5.69	<.01	10	.37	856	7	<.01	32	1280	32	25	<20	5	<.01	<10	13	<10	<1	185
76 - D 450M- 500E	245	2.6	1.01	135	4	105	<5	.26	7	27	5	200	6.75	.02	10	.73	2799	13	<.01	37	1520	314	20	<20	12	<.01	<10	25	<10	4	782
77 - D 450M- 525E	715	2.6	1.71	165	6	55	<5	.11	1	29	7	216	6.49	<.01	10	.90	1474	8	<.01	20	1710	120	20	<20	4	<.01	<10	34	<10	<1	219
78 - D 450M- 550E	370	1.2	.86	140	6	100	<5	.26	2	31	4	140	6.18	.01	10	.58	1690	6	<.01	26	1560	102	20	<20	9	<.01	<10	23	<10	3	202
79 - D 450M- 575E	325	3.0	.49	235	6	95	<5	.12	<1	30	1	186	6.93	<.01	10	.31	1320	14	<.01	22	1660	120	40	<20	11	<.01	<10	17	<10	<1	233
80 - D 450M- 600E	450	5.4	.43	250	6	100	<5	.19	2	33	2	164	6.96	<.01	10	.76	1663	10	<.01	18	1330	134	70	<20	12	<.01	<10	14	<10	<1	297
81 - D 450M- 625E	210	1.6	.60	170	6	95	<5	.33	1	29	<1	65	6.30	<.01	<10	.39	1458	3	<.01	9	1290	126	40	<20	12	<.01	<10	21	<10	<1	290
82 - D 450M- 650E	430	.8	1.76	285	4	160	<5	.88	<1	38	6	121	6.06	<.01	10	1.08	1880	2	<.01	15	1670	110	25	<20	20	<.01	<10	73	<10	3	242
83 - D 500M- 200E	15	.2	1.62	25	8	75	<5	.20	<1	45	53	56	4.46	.02	<10	.84	1213	1	<.01	100	1080	22	5	<20	23	<.01	<10	30	<10	1	134
84 - D 500M- 225E	15	.2	1.85	20	6	65	<5	.14	<1	41	50	59	4.65	.03	<10	.92	1015	1	<.01	102	1090	20	10	<20	21	<.01	<10	32	<10	<1	120
85 - D 500M- 250E	5	<.2	1.70	15	6	55	<5	.24	<1	29	50	47	3.99	.02	<10	.95	743	1	<.01	90	1080	18	5	<20	26	<.01	<10	32	<10	<1	107
86 - D 500M- 275E	10	.2	1.99	20	6	80	<5	.16	<1	30	61	63	4.67	.04	10	.97	1058	1	<.01	107	1220	24	5	<20	25	<.01	<10	35	<10	2	142
87 - D 500M- 300E	5	.2	1.90	20	8	85	<5	.23	<1	33	59	56	4.77	.04	10	.94	960	1	<.01	101	1180	24	10	<20	30	<.01	<10	35	<10	<1	131
88 - D 500M- 325E	5	.2	1.93	30	6	75	<5	.21	<1	41	60	66	5.09	.04	10	.94	1122	1	<.01	111	1180	28	10	<20	28	<.01	<10	36	<10	<1	144
89 - D 500M- 350E	5	.2	1.02	45	6	80	<5	.29	<1	35	34	51	4.57	.02	10	.53	1015	1	<.01	111	1210	24	10	<20	30	<.01	<10	21	<10	1	145
90 - D 500M- 375E	5	.4	1.84	30	4	110	<5	.14	<1	54	38	71	5.77	.05	10	.87	2266	2	<.01	109	1190	22	10	<20	23	<.01	<10	20	<10	<1	194
91 - D 500M- 400E	5	.2	1.77	30	4	105	<5	.12	<1	40	41	72	5.63	.05	10	.80	1649	2	<.01	113	1210	24	10	<20	21	<.01	<10	20	<10	<1	184
92 - D 500M- 425E	5	.4	2.03	30	6	90	<5	.07	<1	35	54	79	5.02	.05	10	.90	795	3	<.01	99	1390	32	10	<20	18	<.01	<10	34	<10	<1	173
93 - D 500M- 450E	35	.6	.85	50	6	45	<5	.08	1	18	10	45	4.17	.01	<10	.48	823	4	<.01	34	900	82	10	<20	7	<.01	<10	14	<10	<1	270
94 - D 500M- 475E	245	1.6	.75	110	4	60	<5	.16	2	27	6	131	6.07	<.01	10	.47	1408	12	<.01	35	1570	168	20	<20	9	<.01	<10	21	<10	<1	328
95 - D 500M- 500E	260	1.6	1.15	125	6	75	<5	.14	3	25	8	159	5.41	.01	10	.80	1360	13	<.01	30	1350	132	20	<20	6	<.01	<10	34	<10	1	357
96 - D 500M- 525E	1015	4.6	1.08	135	6	55	<5	.19	4	28	6	163	5.59	<.01	10	.79	1673	8	<.01	26	1320	800	20	<20	9	<.01	<10	30	<10	1	470
97 - D 500M- 550E	245	2.2	.65	165	6	95	<5	.19	5	33	2	142	6.72	<.01	10	.42	2330	9	<.01	31	1480	150	30	<20	11	<.01	<10	18	<10	2	406
98 - D 500M- 575E	35	.8	.49	90	4	85	<5	.12	4	21	<1	49	6.56	.02	10	.17	4087	8	<.01	59	1220	38	30	<20	10	<.01	<10	1	<10	13	385
99 - D 500M- 600E	50	.8	.75	105	4	70	<5	.20	1	42	1	101	6.29	.02	10	.26	4108	7	.01	52	1570	38	30	<20	15	<.01	<10	7	<10	13	357
100 - D 550M- 200E	700	2.0	1.44	140	6	100	<5	.37	3	27	7	234	5.92	.03	10	1.01	1773	6	<.01	16	1610	122	20	<20	16	<.01	<10	45	<10	5	282

TABLE A. THERMOCHEMICAL DATA FOR THE 31-10-119

RT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	OCTOBER 18, 1991												ECO-TRACE LABORATORIES LTD.											
												CU	FE(%)	K(%)	LA	MG(%)	Mo	Mo MA(%)	Ni	P	Pb	Sb	Sn	SR	Ti(%)	U	V	W	X	Y	Zn				
137-D	750M- 625E	490	1.0	1.81	330	4	215	<5	.62	2	38	7	154	5.53	<.01	10	1.01	1900	<1	<.01	19	1960	206	25	<20	21	.02	<10	65	<10	5	376			
138-D	750M- 650E	255	.8	1.89	200	6	145	<5	.55	1	29	8	116	5.29	.01	10	1.10	1496	1	<.01	14	1700	156	15	<20	19	.02	<10	72	<10	5	288			
139-D	750M- 675E	315	.8	1.89	250	6	135	<5	.59	2	31	6	123	5.35	<.01	10	1.12	1569	1	<.01	14	1910	186	20	<20	20	.02	<10	70	<10	4	332			
140-D	750M- 700E	70	.6	2.89	275	4	135	<5	.29	1	38	9	124	5.98	<.01	10	1.10	2029	1	<.01	15	1500	202	20	<20	13	.02	<10	81	<10	5	339			
141-D	750M- 725E	50	.8	1.93	180	6	175	<5	.58	2	30	6	103	5.32	.02	10	1.18	1824	1	<.01	13	1770	170	15	<20	18	.02	<10	74	<10	4	295			
142-D	750M- 750E	55	.6	2.06	215	6	150	<5	.42	1	30	9	102	5.28	<.01	10	1.20	1745	<1	<.01	14	1700	136	15	<20	15	.02	<10	73	<10	4	261			
143-D	750M- 775E	30	.2	4.06	135	6	60	<5	.08	<1	15	8	67	4.92	.01	20	.56	677	3	<.01	7	1200	88	10	<20	5	.02	<10	45	<10	6	173			
144-D	750M- 800E	45	.4	3.40	110	6	75	<5	.44	<1	12	10	57	4.47	.02	10	.56	552	1	<.01	8	1360	82	10	<20	17	.02	<10	51	<10	3	137			
145-D	750M- 825E	75	.8	2.63	265	6	260	<5	.39	1	40	11	121	5.76	<.01	10	1.24	2726	<1	<.01	17	1390	176	20	<20	16	.01	<10	79	<10	6	327			
146-D	750M- 850E	65	1.0	1.84	270	6	235	<5	.65	2	33	8	117	5.51	<.01	10	1.18	2088	1	<.01	17	2090	236	20	<20	23	.01	<10	63	<10	5	391			
147-D	750M- 875E	85	.6	1.76	135	6	120	<5	.57	1	26	8	93	5.06	.01	10	1.25	1309	<1	<.01	13	2000	124	20	<20	19	.03	<10	63	<10	5	237			
148-D	750M- 900E	80	.6	1.69	145	6	150	<5	.66	1	25	7	93	4.78	.01	10	1.17	1377	<1	<.01	12	2390	132	15	<20	20	.01	<10	60	<10	5	238			
149-D	800M- 600E	300	1.0	1.95	285	10	210	<5	.67	3	37	7	140	5.63	<.01	10	1.09	2051	<1	<.01	18	1760	232	30	<20	20	.02	<10	72	<10	4	394			
150-D	800M- 625E	110	.8	1.86	270	6	160	<5	.62	1	31	6	120	5.29	<.01	10	1.05	1589	1	<.01	14	1870	164	25	<20	19	.02	<10	69	<10	4	304			
151-D	800M- 650E	65	.4	3.53	135	4	70	<5	.26	<1	19	13	82	4.97	.02	10	.64	978	2	<.01	9	1240	108	10	<20	12	.02	<10	69	<10	4	199			
152-D	800M- 675E	55	.2	3.67	95	4	60	<5	.08	<1	15	10	57	4.00	<.01	10	.42	911	2	<.01	7	1030	68	5	<20	6	.01	<10	64	<10	1	135			
153-D	800M- 700E	85	.8	3.10	200	8	100	<5	.19	<1	32	11	113	5.66	.03	20	.91	1645	2	.02	16	1670	152	20	<20	9	.04	<10	74	<10	10	291			
154-D	800M- 725E	55	.6	2.88	190	6	140	<5	.24	1	32	11	112	5.78	.04	20	1.09	1717	1	<.01	16	1570	156	20	<20	10	.05	<10	82	<10	10	289			
155-D	800M- 750E	50	.6	2.76	215	8	140	<5	.22	<1	31	9	103	5.68	.04	20	1.08	1991	1	.02	15	1390	152	15	<20	10	.04	<10	73	<10	9	288			
156-D	800M- 775E	35	.2	2.80	155	6	75	<5	.12	<1	18	10	70	5.27	.03	20	.82	975	1	.02	7	1160	128	15	<20	7	.05	<10	74	<10	7	171			
157-D	800M- 800E	30	.2	3.65	130	8	45	<5	.07	<1	13	11	65	5.92	.01	20	.59	933	3	.02	7	1640	68	10	<20	5	.03	<10	62	<10	5	136			
158-D	800M- 825E	25	.4	1.93	320	4	75	<5	.06	<1	33	8	54	5.50	<.01	10	.66	3402	1	<.01	6	1870	236	15	<20	6	.01	<10	80	<10	1	190			
159-D	800M- 850E	65	.8	2.40	290	6	240	<5	.36	1	39	10	117	5.94	.01	20	1.27	3190	1	<.01	16	1400	208	20	<20	15	.03	<10	81	<10	6	356			
160-D	800M- 875E	140	.8	3.06	155	4	150	<5	.31	1	32	14	104	5.52	.01	10	.76	3455	1	<.01	11	2120	132	15	<20	10	.02	<10	89	<10	2	243			
161-D	800M- 900E	185	2.6	3.36	345	4	70	<5	.14	<1	42	13	114	5.39	<.01	10	.82	3431	2	<.01	10	1680	542	35	<20	8	.01	<10	75	<10	41	535			
162-D	800M- 925E	190	1.0	3.01	215	6	155	<5	.15	1	28	11	91	5.98	.02	20	.96	2769	2	<.01	14	1400	208	20	<20	9	.01	<10	62	<10	6	351			
163-D	800M- 950E	65	.6	2.38	155	6	155	<5	.38	<1	15	12	67	4.94	.03	10	.70	1009	<1	<.01	10	2890	144	15	<20	13	.01	<10	74	<10	4	252			
164-D	800M- 975E	50	1.0	2.31	250	6	250	<5	.47	1	32	11	126	5.68	.04	20	1.31	2240	1	<.01	17	1660	222	25	<20	19	.01	<10	74	<10	5	357			
165-D	800M- 1000E	45	.8	2.04	190	6	150	<5	.36	1	30	10	93	5.07	.03	10	1.00	2259	<1	<.01	11	2320	180	20	<20	14	.01	<10	65	<10	6	267			
166-D	850M- 500E	50	.6	1.05	100	6	235	<5	.24	2	19	2	47	5.27	.05	20	.33	2296	5	<.01	22	1590	70	20	<20	39	<.01	<10	18	<10	6	252			
167-D	850M- 525E	95	.8	.80	100	4	125	<5	.30	1	20	2	48	5.00	.01	20	.41	2022	3	<.01	13	1310	46	20	<20	23	.01	<10	24	<10	2	149			
168-D	850M- 550E	170	1.0	1.30	145	4	120	<5	.54	<1	26	3	75	5.52	.01	10	.71	1530	2	<.01	14	1510	76	20	<20	21	.02	<10	44	<10	3	166			
169-D	850M- 575E	395	.4	2.19	195	4	170	<5	.03	1	31	6	102	5.34	.02	10	1.30	1524	<1	<.01	11	1800	100	20	<20	16	.04	<10	78	<10	5	202			
170-D	850M- 600E	360	.6	2.29	195	4	155	<5	.03	1	32	6	105	5.45	.04	10	1.29	1635	1	<.01	12	1720	100	25	<20	21	.04	<10	80	<10	5	227			

## PAGE 6 TEUTON RESOURCES ETR 91-011

RT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	OCTOBER 18, 1991										ECO-TECH LABORATORIES LTD.									
											CU	FE(%)	K(%)	LA	MG(%)	Mo	Mo Na(%)	Ni	P	Pb	SB	SR	SR Ti(%)	S	V	V	V	V	V	
171-D	850M- 625E	335	.8	2.00	235	4	160	<5	.62	1	30	7	119	5.38	.01	10	1.13	1623	1 <.01	14	1630	136	20 <20	18 .03	<10	74 <10	4	267		
172-D	850M- 650E	100	.6	2.85	160	4	70	<5	.14	<1	23	15	86	5.13	.03	10	.76	1102	3 <.01	17	1550	124	10 <20	7 .03	<10	70 <10	3	218		
173-D	850M- 675E	80	.8	2.77	110	4	70	<5	.16	1	25	15	91	5.00	.01	10	1.18	1981	10 <.01	43	1340	88	15 <20	7 .03	<10	91 <10	7	272		
174-D	850M- 700E	85	.4	3.14	145	4	90	<5	.13	<1	21	12	77	4.26	.04	10	.72	1771	2 <.01	11	1450	102	10 <20	8 .01	<10	83 <10	2	218		
175-D	850M- 725E	125	.4	3.17	120	4	60	<5	.19	<1	24	15	90	5.11	.03	10	.87	1160	2 .01	11	1530	98	15 <20	7 .04	<10	99 <10	4	191		
176-D	850M- 750E	50	.2	3.07	145	2	80	<5	.05	<1	14	11	65	4.85	.02	10	.62	921	1 .01	7	1550	82	10 <20	4 .01	<10	86 <10	1	147		
177-D	850M- 775E	30	.6	2.80	270	4	185	<5	.16	<1	32	12	114	5.79	.05	10	1.16	2225	1 <.01	15	1180	186	15 <20	9 .01	<10	85 <10	4	330		
178-D	850M- 800E	50	.4	3.79	165	4	75	<5	.11	<1	30	11	83	5.55	.01	20	.80	2073	2 .02	10	950	130	10 <20	6 .03	<10	72 <10	6	222		
179-D	850M- 825E	370	.8	3.23	160	6	105	<5	.20	1	32	10	105	5.59	.03	20	1.08	2276	1 .01	13	1630	130	15 <20	7 .04	<10	76 <10	8	290		
180-D	850M- 850E	1535	.6	3.78	195	4	70	<5	.20	<1	22	13	117	5.40	<.01	10	.98	1201	1 <.01	13	1710	82	15 <20	7 .02	<10	78 <10	2	255		
181-D	850M- 875E	1275	1.4	3.94	195	4	85	<5	.23	<1	39	10	146	6.12	.03	20	1.05	3370	1 .01	13	2810	120	15 <20	6 .03	<10	115 <10	9	286		
182-D	850M- 900E	555	2.2	3.33	285	4	120	<5	.10	1	44	12	193	6.24	<.01	10	1.17	5065	2 <.01	18	2120	278	20 <20	8 .03	<10	88 <10	2	601		
183-D	850M- 925E	85	.6	1.93	160	4	150	<5	.44	1	27	9	101	5.12	.01	10	1.19	1792	1 <.01	14	1980	178	20 <20	15 .02	<10	66 <10	5	297		
184-D	850M- 950E	70	.8	3.52	100	2	100	<5	.08	<1	24	10	73	4.01	.03	10	.56	1936	<1 <.01	6	1740	118	10 <20	6 .01	<10	75 <10	7	182		
185-D	850M- 975E	115	.6	3.04	140	2	95	<5	.14	<1	25	15	88	4.92	.04	10	1.12	1623	1 .01	13	1640	166	20 <20	8 .02	<10	87 <10	3	286		
186-D	850M- 1000E	85	1.0	3.17	115	4	110	<5	.19	<1	21	17	110	4.07	.05	10	.88	1368	1 <.01	12	1720	152	15 <20	9 .01	<10	75 <10	9	264		
187-D	900M- 600E	350	.6	2.00	160	4	110	<5	.75	1	26	7	87	5.05	<.01	10	1.22	1344	<1 <.01	12	1730	104	15 <20	17 .06	<10	73 <10	5	165		
188-D	900M- 625E	215	.8	2.08	230	4	140	<5	.54	1	30	8	112	5.31	.01	10	1.01	1498	1 <.01	15	1670	148	25 <20	15 .04	<10	71 <10	5	267		
189-D	900M- 650E	140	.4	3.32	90	6	40	<5	.17	<1	13	13	56	5.10	.03	20	.65	531	3 .02	9	1630	88	10 <20	7 .05	<10	60 <10	6	140		
190-D	900M- 675E	305	.2	3.60	80	4	45	<5	.23	<1	15	13	70	4.35	.01	10	.68	683	5 <.01	13	1480	68	10 <20	7 .03	<10	78 <10	2	163		
191-D	900M- 700E	135	.6	3.04	125	4	50	<5	.14	<1	19	13	77	4.78	.03	10	.79	1040	1 .01	11	1560	112	10 <20	7 .03	<10	90 <10	4	185		
192-D	900M- 725E	95	.4	3.48	130	6	60	<5	.27	<1	31	17	89	5.34	.03	10	.93	2046	2 .01	13	2730	116	15 <20	9 .05	<10	99 <10	6	187		
193-D	900M- 750E	50	.4	2.94	215	4	85	<5	.04	<1	26	12	76	5.62	.03	10	.92	2036	2 <.01	11	1750	122	15 <20	5 .01	<10	89 <10	<1	227		
194-D	900M- 775E	60	.6	2.79	165	4	100	<5	.10	<1	31	12	93	5.22	.05	10	1.02	2047	1 .01	11	1160	144	15 <20	7 .01	<10	82 <10	6	221		
195-D	900M- 800E	150	.6	2.80	175	4	145	<5	.29	2	19	12	100	4.82	.04	10	1.04	875	<1 <.01	13	1310	138	10 <20	12 .01	<10	83 <10	4	238		
196-D	900M- 825E	85	.6	2.50	170	6	140	<5	.33	1	32	11	106	5.31	.05	10	1.20	2000	1 <.01	16	1520	132	15 <20	12 .02	<10	74 <10	6	264		
197-D	900M- 850E	140	.6	2.72	200	4	160	<5	.25	1	37	11	121	5.84	.04	10	1.29	2427	1 <.01	17	1430	162	15 <20	11 .02	<10	83 <10	5	330		
198-D	900M- 875E	155	1.0	2.78	245	4	90	<5	.19	<1	23	11	92	5.67	<.01	10	1.07	1466	1 <.01	12	2030	248	25 <20	9 .03	<10	87 <10	3	346		
199-D	900M- 900E	115	1.2	3.21	195	4	100	<5	.07	<1	38	13	90	5.04	.03	10	.80	3224	2 .01	8	1220	210	15 <20	6 .01	<10	74 <10	<1	273		

PAGE 7 TEUTON RESOURCES ETR 91-811

ST#	DESCRIPTION	AU(ppb)	OCTOBER 18, 1991												ECO-TECH LABORATORIES LTD.																	
			Ag	Al(%)	As	B	BA	Bi	Ca(%)	CD	CO	CR	Cu	Fe(%)	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	SB	Sn	SR Ti(%)	U	V	W	Y	Zn	
200- D 900M- 925E	705	*	3.0	1.57	865	4	650	<5	.28	21	54	3	192	9.61	<.01	30	.92	9632	3	<.01	39	1420	1374	70	<20	25	.01	<10	84	40	10	2086
201- D 900M- 950E	75	3.0	2.39	190	4	155	<5	.19	<1	27	11	76	5.10	.01	10	.84	2424	1	.01	12	2200	198	15	<20	17	.01	<10	74	<10	<1	267	
202- D 900M- 975E	100	.8	2.75	190	4	90	<5	.15	<1	30	16	109	5.54	.03	10	1.19	2184	1	<.01	17	1930	216	20	<20	9	.02	<10	84	<10	1	320	
203- D 900M- 1000E	75	.8	2.94	125	4	110	<5	.09	<1	24	17	93	4.88	.05	10	.92	2546	<1	<.01	11	1780	140	15	<20	6	.01	<10	76	<10	3	222	

NOTE: < = LESS THAN

\* = TO -45

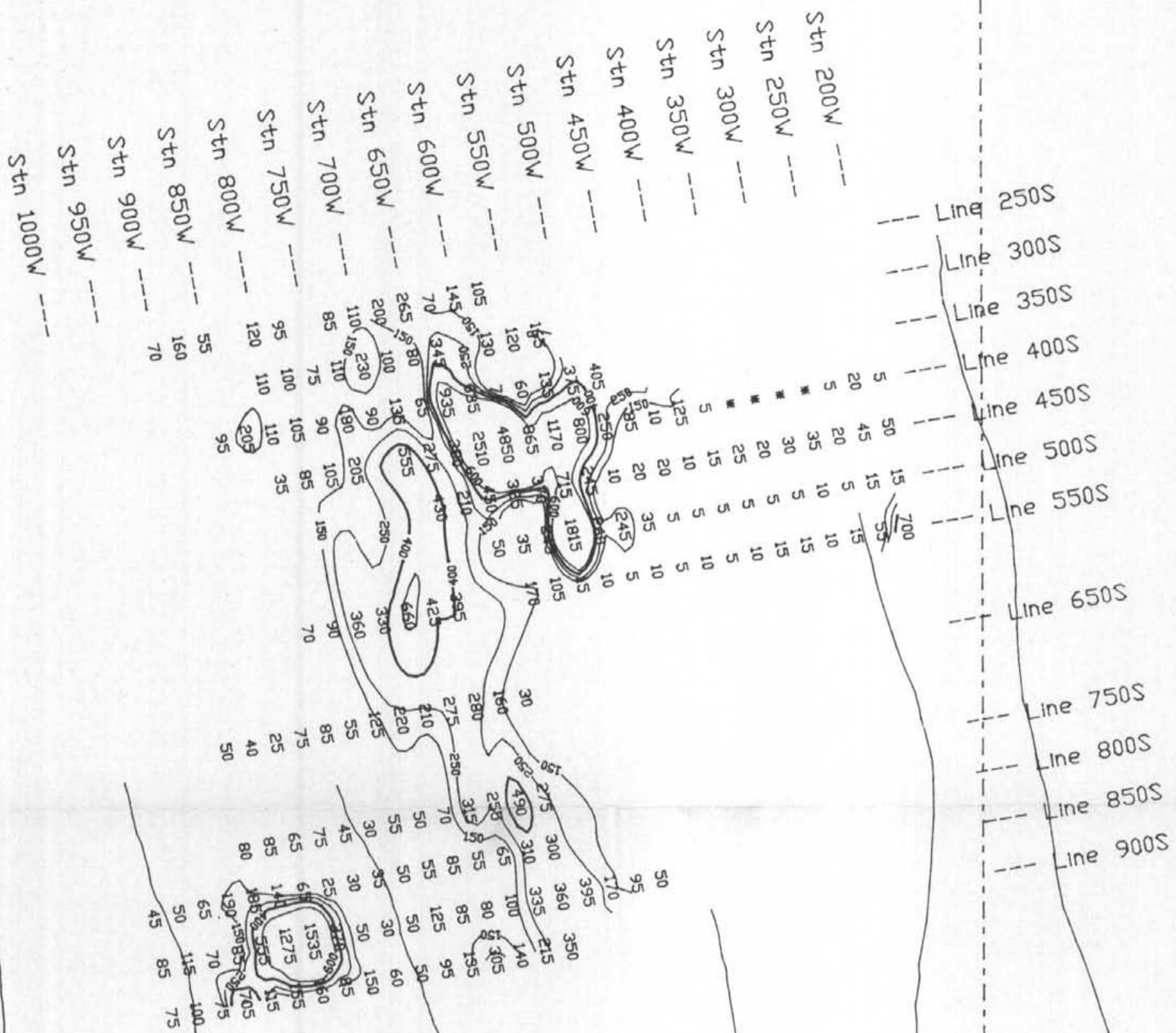


ECO-TECH LABORATORIES LTD.  
Per Frank J. Pazzutti, A.Sc.T.  
 B.C. Certified Assayer

Corner Post 5N

Best Bet 17  
8364

Best Bet 18  
8365



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

LEGEND

- Glacier - - -
- Creek ↗
- Claim Bdy - - -

**22,261**

TEUTON RESOURCES CORP.

Delta Property  
Stewart, B.C. - Skeena M.D.

M-J AREA  
SOIL GEOCHEMISTRY  
AU VALUES (ppb)

J.C.

SCALE 1:5000



METERS

Asterisks signify  
Au < 5 ppb

Au Contours at  
150, 250, 400, 600 ppb

RPM Mapping  
and  
Computer  
Services  
Ltd.

Date: Dec. 1991

NTS No.: 104B/8E

Figure: 4

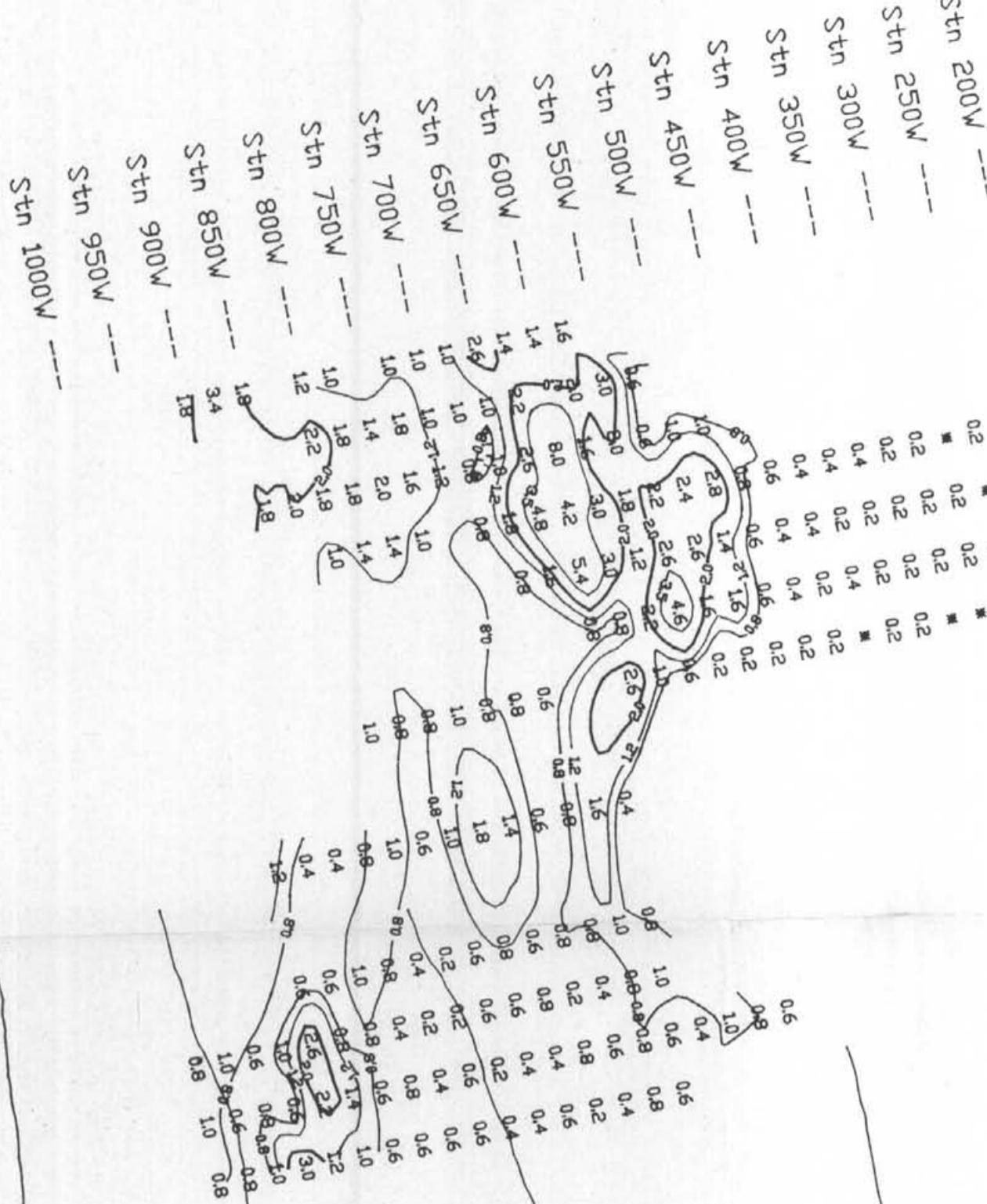
Corner Post 5N

Best Bet 17

8364

Best Bet 18

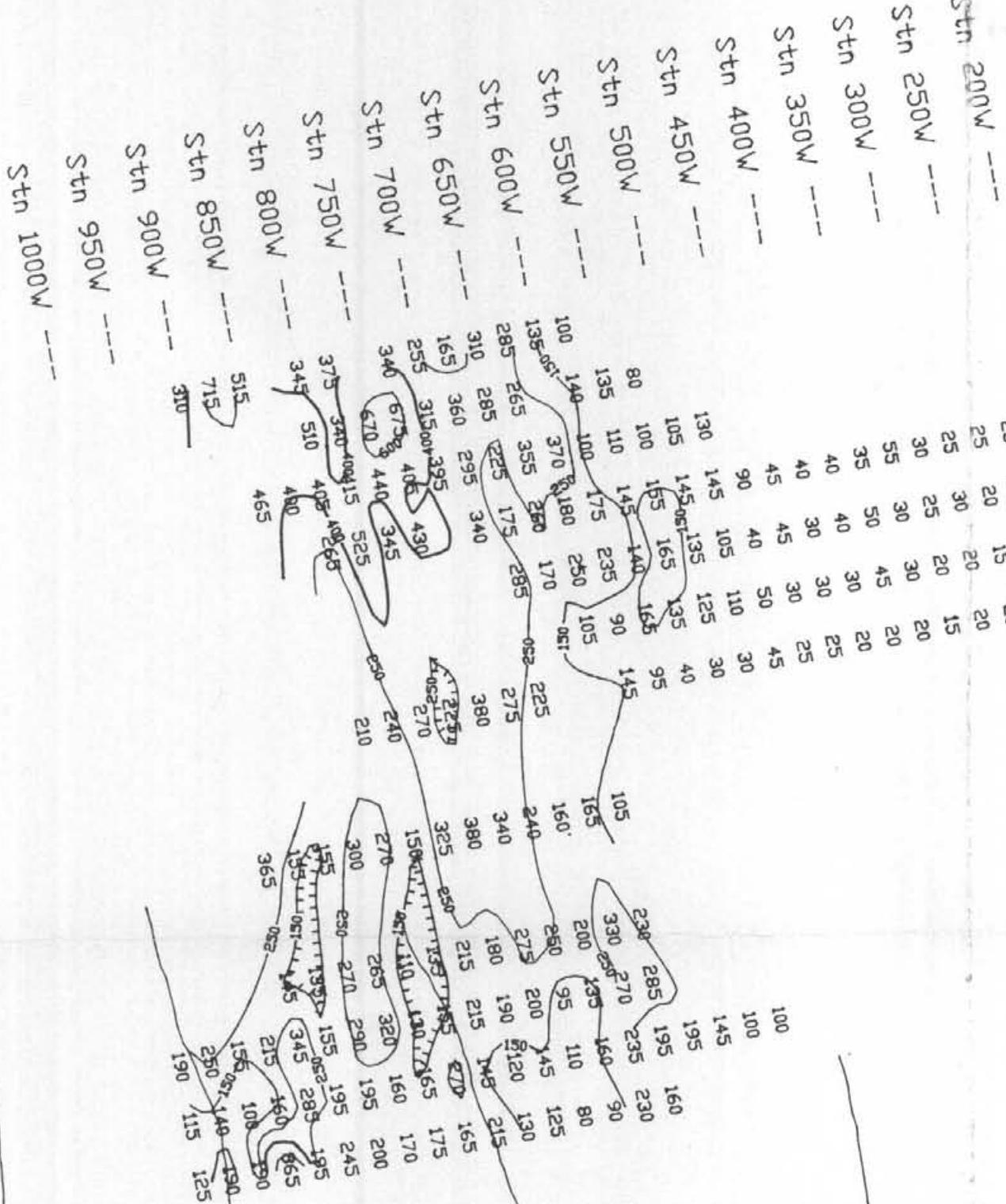
8365



Corner Post 5N

Best Bet 17  
8364

Best Bet 18  
8365



Line 250S  
Line 300S  
Line 350S  
Line 400S  
Line 450S  
Line 500S  
Line 550S  
Line 650S  
Line 750S  
Line 800S  
Line 850S  
Line 900S

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

LEGEND

- Glacier - - -
- Creek →
- Claim Bdy - - -

22,261

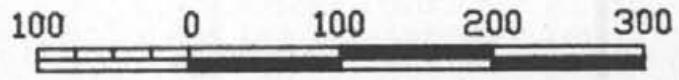
TEUTON RESOURCES CORP.

Delta Property  
Stewart, B.C. - Skeena M.D.

M-J AREA  
SOIL GEOCHEMISTRY  
AS VALUES (ppm)

85

SCALE 1:5000



METERS

RPM Mapping  
and  
Computer  
Services  
Ltd.

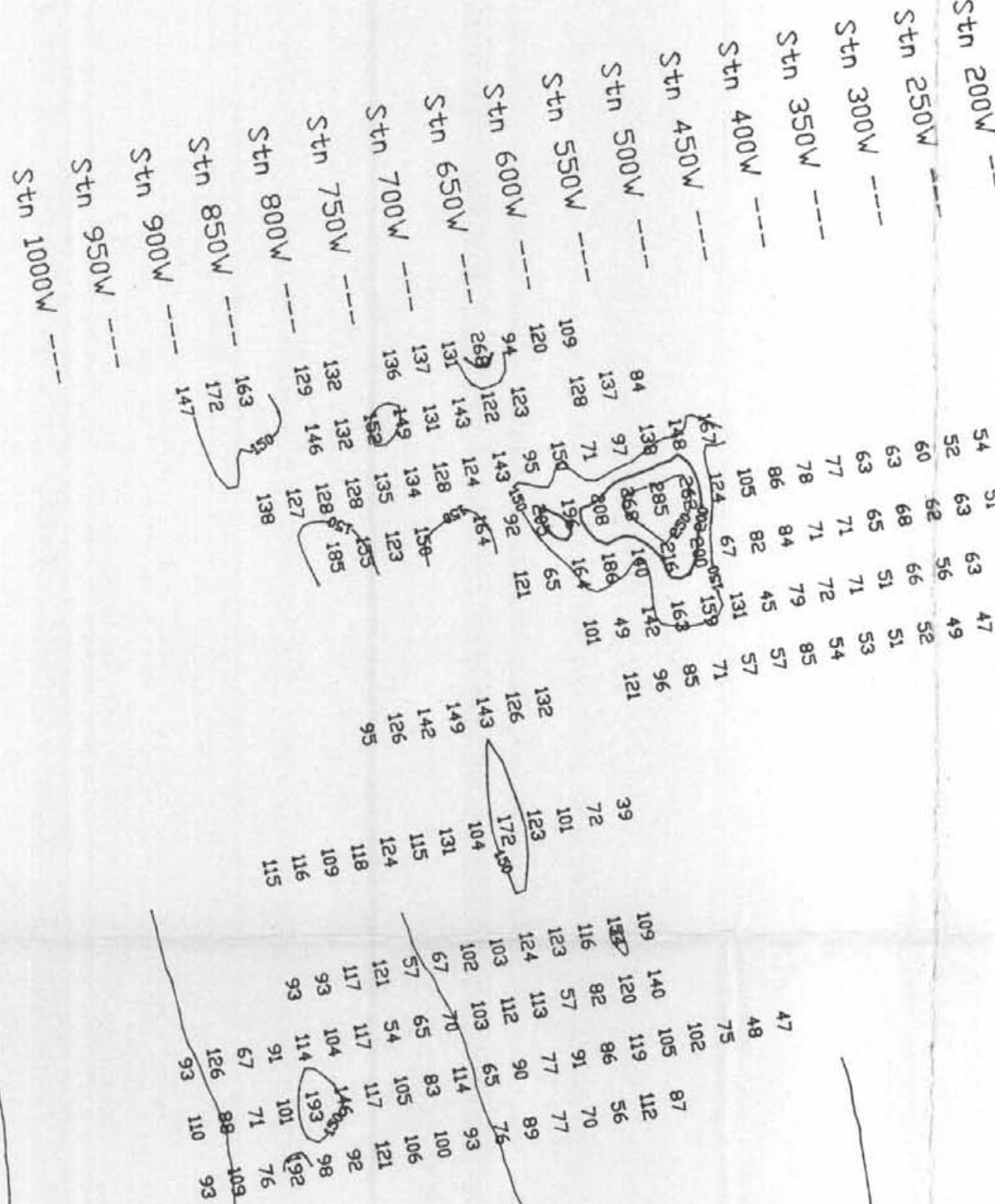
Date: Dec. 1991  
NTS No.: 104B/8E  
Figure: 6

DC GLACIER

Corner Post 5N

Best Bet 17  
8364

Best Bet 18  
8365



Line 250S  
Line 300S  
Line 350S  
Line 400S  
Line 450S  
Line 500S  
Line 550S  
Line 600S  
Line 650S  
Line 700S  
Line 750S  
Line 800S  
Line 850S  
Line 900S

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,261

TEUTON RESOURCES CORP.

Delta Property  
Stewart, B.C. - Skeena M.D.

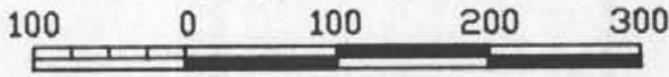
M-J AREA  
SOIL GEOCHEMISTRY  
CU VALUES (ppm)

36

RPM Mapping  
and  
Computer  
Services  
Ltd.

Date:	Dec. 1991
NTS No.:	104B/8E
Figure:	7

SCALE 1:5000



METERS

Cu Contours at  
150, 200 & 250 ppm

LEGEND

Glacier -----

Creek -----

Claim Bdy -----

DC GLACIER

Corner Post 5N

Best Bet 17  
8364

Best Bet 18  
8365

Stn 200W ---  
 Stn 250W ---  
 Stn 300W ---  
 Stn 350W ---  
 Stn 400W ---  
 Stn 450W ---  
 Stn 500W ---  
 Stn 550W ---  
 Stn 600W ---  
 Stn 650W ---  
 Stn 700W ---  
 Stn 750W ---  
 Stn 800W ---  
 Stn 850W ---  
 Stn 900W ---  
 Stn 1000W ---

Line 250S  
 Line 300S  
 Line 350S  
 Line 400S  
 Line 450S  
 Line 500S  
 Line 550S  
 Line 650S  
 Line 750S  
 Line 800S  
 Line 850S  
 Line 900S

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**22,261**

TEUTON RESOURCES CORP.

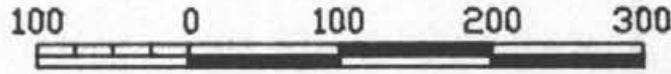
Delta Property  
Stewart, B.C. - Skeena M.D.

M-J AREA  
SOIL GEOCHEMISTRY  
PB VALUES (ppm)

8.C

RPM Mapping and Computer Services Ltd.	Date: Dec. 1991
	NTS No.: 104B/8E
	Figure: 8

SCALE 1:5000



METERS

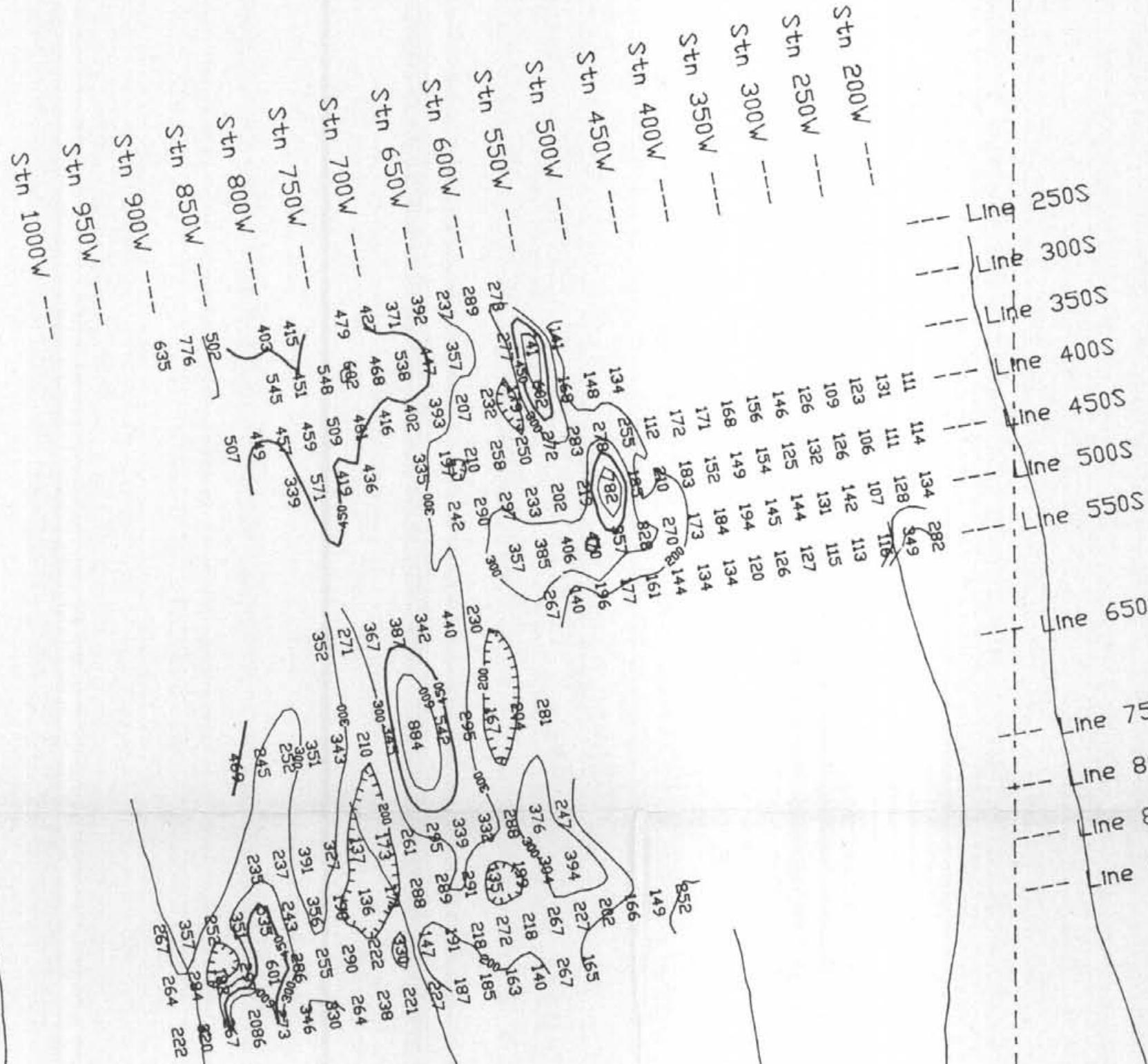
Pb Contours at  
100, 150, 250 & 400 ppm

DC GLACIER

Corner Post 5N

Best Bet 17  
8364

Best Bet 18  
8365



**GEOLOGICAL BRANCH ASSESSMENT REPORT**

LEGEND

- Glacier - - -
- Creek /
- Claim Bdy - - -

**22,261**

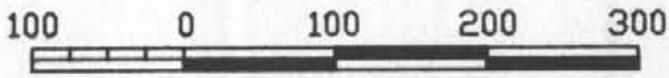
TEUTON RESOURCES CORP.

Delta Property  
Stewart, B.C. - Skeena M.D.

M-J AREA  
SOIL GEOCHEMISTRY  
ZN VALUES (ppm)

84

SCALE 1:5000



METERS

Zn Contours at  
200, 300, 450 & 600 ppm

RPM Mapping  
and  
Computer  
Services  
Ltd.

Date: Dec. 1991  
NTS No.: 104B/8E  
Figure: 9