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LOG NO:	AUG 25 1994	RD.
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ASSESSMENT REPORT  
ON  
GEOPHYSICAL WORK  
ON THE FOLLOWING CLAIM

BLASTER ..... #200388

located

30 KM NORTHEAST OF  
UCLUELET, BRITISH COLUMBIA  
ALBERNI MINING DIVISION

49 degrees 11 minutes latitude  
125 degrees 25 minutes longitude

N.T.S. 92F/3W

PROJECT PERIOD: May 5 to May 9, 1994

GEOLOGICAL BRANCH  
ON BEHALF OF ASSESSMENT REPORT  
K. GOURLEY  
MAPLE RIDGE, B.C.

REPORT BY

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

23,451

Date: August 5, 1994

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## 1. INTRODUCTION

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

The property is located about 35km northeast of Ucluelet on the west coast of Vancouver Island and approximately 57km by road west of Port Alberni. The Port Alberni-Tofino paved highway runs 800m east of the property, following the eastern side of the Kennedy River. Immediately east of the Canoe Creek bridge on the highway, McMillan Bloedel has constructed a logging road which gives direct access to the southern and western portions of the property.

The property is drained by a number of tributaries of the Kennedy River. The central and southwest portions of the property are drained by the easterly flowing Canoe Creek and a northeasterly flowing side-creek, Olympic Creek. Devil's Club Creek drains the northeast corner and flows in a southeasterly direction.

Elevations vary from approximately 150m along the southeast border to over 950m in the northwest corner. Vegetation in the area is comprised mainly of red cedar and occasional Douglas Fir at lower elevations grading into yellow cedar and hemlock at higher elevations. Underbrush is moderate to dense, typical of the coast rain forest. Physiography is rugged with frequent bluffs and small gorges.

Climate is relatively mild featuring abundant precipitation during early spring, fall and winter. Rain can range up to 275cm a year. Because of the low-lying elevation and proximity to the coast, the property receives only light, scattered snowfall during the winter months. This allows for an extended field season.

### B. Status of Property

Relevant claim information is summarized below:

Name	Tenure No.	No. of Units	Record Date
Blaster	200388	20	May 9, 1986

Claim location is shown on Fig. 2 after N.T.S. map 92F/3W, Alberni Mining Division. The claim is presently owned by Kelly Gourley of Maple Ridge, British Columbia. Teuton Resources Corp. was the operator at the time of the 1994 assessment work program.

### C. History

The Blaster claim lies within the historic Kennedy River Gold Camp. Prospectors were first attracted to the west coast of Vancouver Island in the 1860's after placer gold was discovered in several

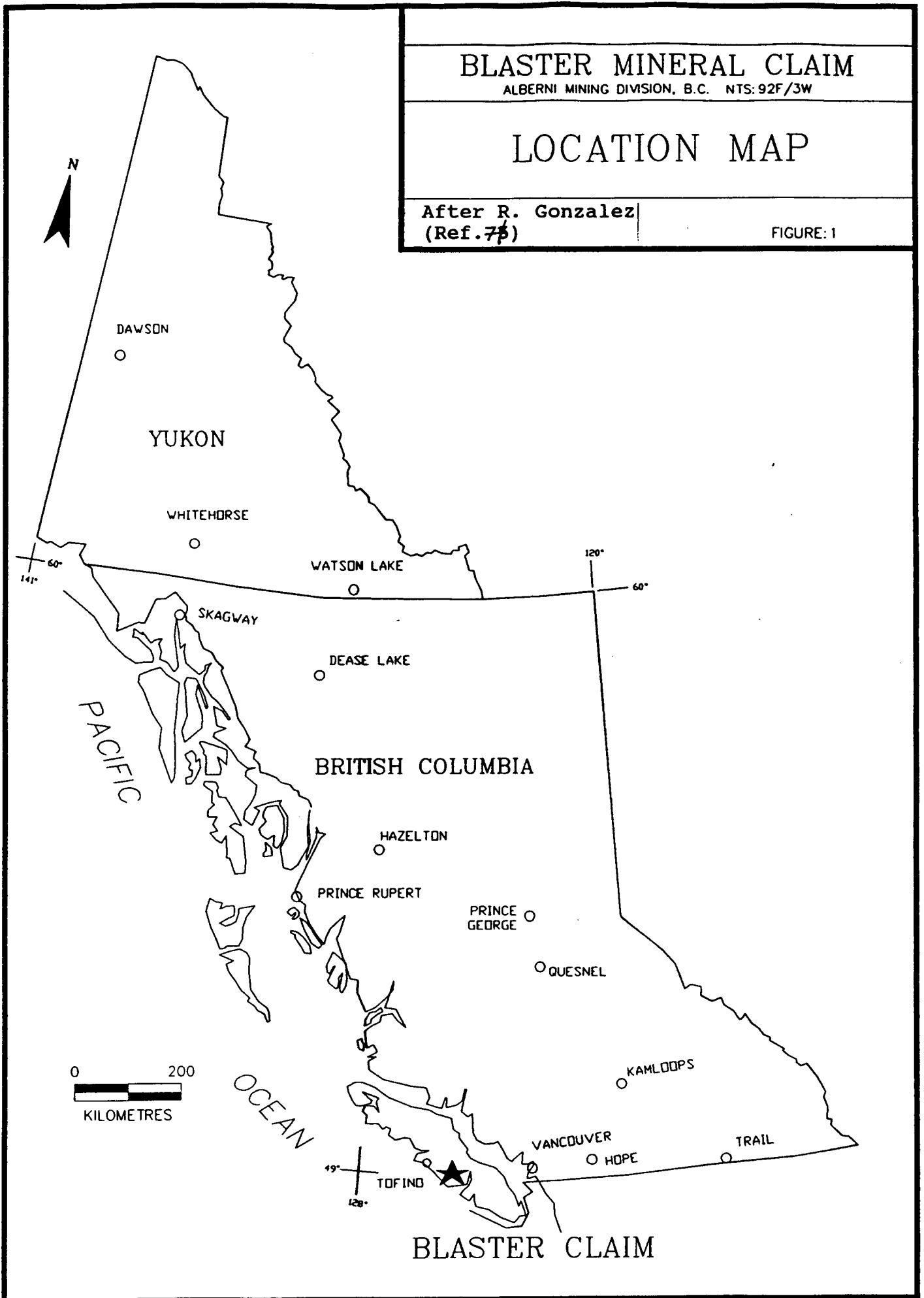
# BLASTER MINERAL CLAIM

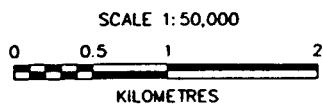
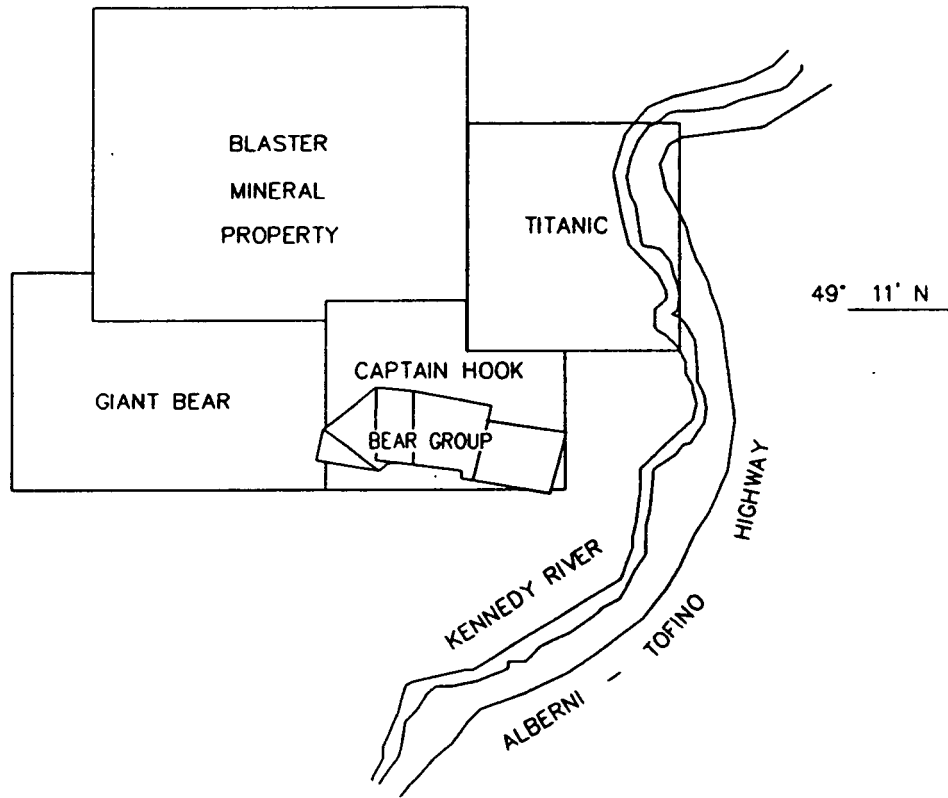
ALBERNI MINING DIVISION, B.C. NTS: 92F/3W

## LOCATION MAP

After R. Gonzalez  
(Ref. 7~~8~~)

FIGURE: 1





**BLASTER MINERAL CLAIM**

ALBERNI MINING DIVISION, B.C. NTS:92F/3W

**CLAIM MAP**

After R. Gonzalez  
(Ref. 7)

FIGURE: 2

streams draining into the Pacific. Follow-up hard rock prospecting led to the location of gold-bearing quartz veins on China Creek, Bedwell River and Kennedy River.

In 1898, a small stamp mill was constructed on the Rose Marie claim, located about 4km south-southeast of the Blaster claim; it ran for a few years before shutting down. In 1913, immediately to the east of the property, prospectors discovered the Olympic and Titanic Veins. Further showings were subsequently located and the area remained fairly active until World War II began after which gold exploration dropped off dramatically.

With the rise in the price of gold in the early 1980's, claim-staking and exploration activity resumed in the Kennedy River area. All of the old showings were staked and peripheral areas were also examined. In 1986, the Blaster claim was staked by K. Gourley to cover the favourable extension of a prominent fault structure. In 1987, anomalous gold stream geochem samples were followed up by prospecting leading to the discovery of the Elite Vein. Stripping and sampling of the vein in 1987 exposed 85m of strike carrying appreciable gold values over relatively narrow widths. Further quartz veins such as the Elite II, Elite III and Rachel Veins were also discovered.

In 1988, optionee International Coast Minerals drilled 14 holes totalling 819m testing depth extensions of the Elite and Rachel Veins. Gold values obtained in drilling were not as good as from surface sampling.

In 1991, after the property was returned to the owner by the optionee, a small program was carried out consisting of prospecting and rock chip sampling. This work located several new structures including a number of gold-bearing quartz veins, contact metamorphic pyrrhotite-chalcopyrite bands at intrusive-limestone contacts, and sulphide bearing calcite veins and quartz-calcite stringers in igneous rocks. Eight rock samples from the property were also submitted for petrographic analysis in 1991.

In 1993 a small rock geochemical grid was emplaced in the "Frog Lake" area in the southwestern corner of the claim to investigate an outcrop of altered limestone (a float sample from this vicinity returned anomalous gold values in 1991). Thirteen samples were taken from the grid and one sample was taken a little distance west of the northern end of the grid. Seven rock samples were also taken from a new discovery, the "Kristen" vein, located near the eastern boundary of the claim, approximately 100m north of the northern fork of Olympic Creek. Six hand trenches were excavated in an attempt to trace extensions of the vein through overburden without success.

**D. References**

1. Annual Report of the Minister of Mines for 1895, 1907, 1913 and 1916: British Columbia Ministry of Mines Annual Reports.
2. Carter, N.C., 1989; Evaluation of Mineral Claims, Kennedy River Area, Alberni Mining Division, B.C.: Private Report for Nationwide Gold Mines Corp., March 17, 1989.
3. Cremonese, D.M., P.Eng., 1992; Assessment Report on Petrographical and Geological Work, Blaster Claim, Alberni Mining Division. On File with BCDEMPR, Aug. 5, 1992.
4. Cremonese, D.M., P.Eng., 1993; Assessment Report on Geochemical and Physical Work, Blaster Claim, Alberni Mining Division. On File with BCDEMPR, Aug. 6, 1993.
5. Epp, W.R., 1987; Elite Vein Sampling and Potential: Private report for Golden Spinnaker Minerals Corp. and Nationwide Gold Mines Corp., Dec. 21, 1987.
6. Epp, W.R., 1988; Elite Project - Interim Exploration Summary Report: Private report for Golden Spinnaker Minerals Corp. and Nationwide Gold Mines Corp., Jan. 4, 1988.
7. Gonzalez, R.A., 1991; Assessment Report on Geological and Geochemical Work on the Blaster Mineral Claim: On file with the BCDEMPR.
8. Gonzalez, R.A., 1991; Summary Report on the Geology and Mineral Potential of the Blaster Mineral Claim: Private report for Kancana Ventures Inc., August, 1991.
9. Henneberry, R.T., 1987; Geology and Economic Potential of the Bear Project, Alberni M.D., B.C.: Private memo to International Coast Minerals Corp., July 9, 1987
10. Henneberry, R.T., 1987; Economic Potential of the Kennedy River Valley Gold Camp, Vancouver Island, B.C.: Private report for International Coast Minerals Corp., Nov. 9, 1987.
11. Northcote, K.E., Ph.D.; Vancouver Petrographics Ltd.: Letter Reports on 8 petrographic samples from Blaster property dated May 23, 1991 and Aug. 6, 1991.
12. Pawliuk, D.J., 1988; Diamond Drilling, Geology, Geophysical and Geochemical Surveys on the Blaster Mineral Claim: Private report for Nationwide Gold Mines Corp. and Golden Spinnaker Minerals Corp., Sept. 15, 1988.
13. Stevenson, J.S., 1947; Lode-gold Deposits of Vancouver Island: B.C. Department of Mines, Bulletin 20, Part V.

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

The 1994 assessment work program on the property was undertaken in May, in the week preceding the anniversary date of the claim. Contractor Nicholson & Associates was engaged to carry out a VLF-EM and Magnetometer survey in the Frog Lake area in the southwest corner of the claim. Because of excessively steep topography, the planned program was reduced to two small grids, one adjacent to Frog Lake and the other approximately 500m to the southeast. Altogether 2,575m of grid lines (including baselines) were emplaced and 2,375m of lines covering 103 stations surveyed.

Because the Blaster claim lies within an environmentally sensitive Integrated Management zone, the crew made day trips in and out of the property rather than setting up camp (the latter would have been logistically simpler but would have entailed a lengthy review by numerous government agencies and probably required a substantial reclamation bond).

## **2. TECHNICAL DATA AND INTERPRETATION**

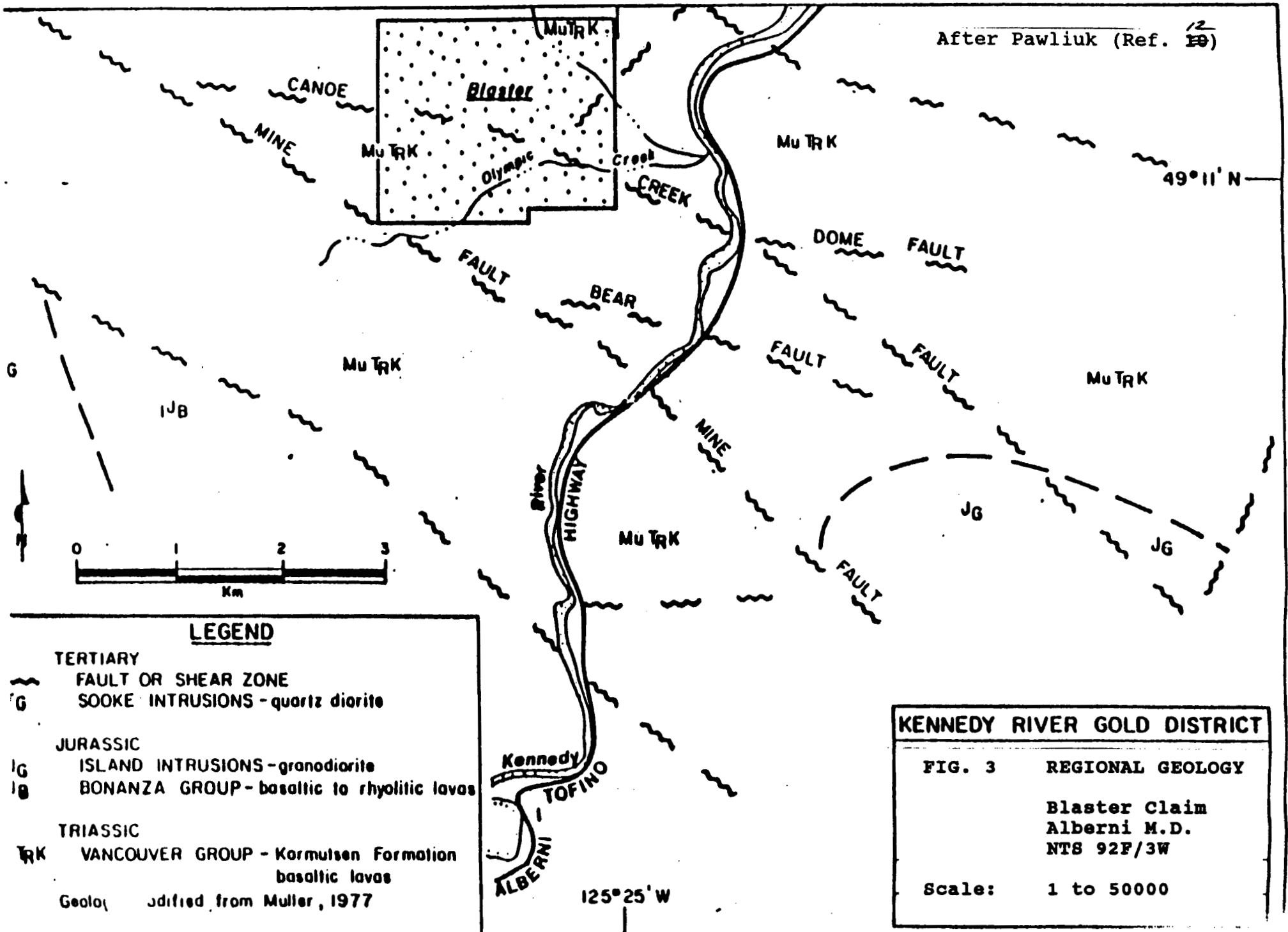
### **A. Regional Geology**

This and the following section on property geology has been largely excerpted from Gonzalez (Ref. 7).

The Kennedy River District lies within a structurally active section of western Vancouver Island and is underlain by rocks of the Vancouver Group, including the Karmutsen Formation, the Quatsino Formation and the Bonanza Volcanics. The Vancouver Group is intruded by rocks of Jurassic and Tertiary age. Gold mineralization is predominantly localized by west-northwest trending faults and shear zones, active during Tertiary time and probably related to Tertiary intrusions.

The Karmutsen and Quatsino Formations are the principal members of the Triassic aged, Vancouver Group. The Karmutsen Formation represents a thick accumulation (approximately 6000m) of submarine basic pillow lavas, pillow breccias, lava flows, related dykes and sills, and intervolcanic limestone. Limestone is present only in the upper portion of the formation and is usually less than one metre thick. Most of the formation is characterized by weakly metamorphosed greenschist facies. The Quatsino Formation is a sedimentary unit composed primarily of massive limestone. It rests paraconformably atop the Karmutsen Formation and is disconformably overlain by the Bonanza Volcanics. The sedimentation represented by the Quatsino Formation indicates a prolonged cessation of volcanism. The limestone is massive, gray with little or not apparent bedding. The Quatsino Formation varies in thickness from 25m in the northern half of Vancouver Island to approximately 475m north of Victoria. The formation may be contact metamorphosed to marble





After Pawliuk (Ref. 12)

49°11' N



**LEGEND**

- TERTIARY
    - ~ FAULT OR SHEAR ZONE
    - G SOOKE INTRUSIONS - quartz diorite
  - JURASSIC
    - IG ISLAND INTRUSIONS - granodiorite
    - JB BONANZA GROUP - basaltic to rhyolitic lavas
  - TRIASSIC
    - TRK VANCOUVER GROUP - Karmutsen Formation basaltic lavas
- Geology modified from Muller, 1977

**KENNEDY RIVER GOLD DISTRICT**

FIG. 3 REGIONAL GEOLOGY

Blaster Claim  
Alberni M.D.  
NTS 92F/3W

Scale: 1 to 50000

125°25' W

and/or partly or completely silicified at intrusive contacts. At intrusive contacts, skarn is commonly present containing pyroxene (diopside), epidote, chlorite, and garnet together with magnetite, pyrrhotite, and chalcopyrite.

Bonanza Volcanics represents an assemblage of volcanic rocks comprised of andesitic to latitic flows, tuffs, and breccias which overlies the Quatsino Formation as an erosional unconformity. The lithology of Bonanza Volcanics are varied and heterogeneous, in contrast to the monotonously uniform sequences of the Karmutsen Formation. Lavas range in composition from basaltic andesite, commonly amygaloidal, to rhyodacite and are interbedded with maroon and green tuffs and breccias and several clastic sedimentary units, some of which contain Lower Jurassic fossils. The total thickness of this unit is estimated at over 2500m.

Two periods of intrusive activity have been documented in the district. The Jurassic Island Intrusions exhibit rocks varying in composition from leucocratic quartz monzonite to gabbro, but the majority are granodiorite and quartz diorite. Generally, small high-level bodies and cores of the larger plutons contain leucocratic granodiorite and quartz monzonite while deeper and marginal intrusives are composed of diorite and gabbro. Contacts with Karmutsen Formation rocks are generally sharp and well-defined. Tertiary plutons are confined to narrow belts crossing Vancouver Island and radiating out from the Tofino region; they usually consist of small stocks (less than two square km in surface area), dykes, and sills. Gold-quartz veins appear to be mainly or exclusively related to these Tertiary plutons. These stocks are medium-grained quartz diorite and consist mainly of quartz, oligoclase-andesine, and biotite. Outcrops are conspicuously jointed, with a bouldery or hummocky appearance due to rounding by exfoliation of angles between joint planes. Contacts with older rocks can be either sharp or sheared.

West-northwesterly to westerly trending faults of Tertiary age cut the rock units in the area. Gold mineralization is predominantly localized within these structures, suggesting a Tertiary age for the mineralization.

Regional geology is shown on Fig. 3.

## **B. Property Geology**

Karmutsen Formation andesite and andesite porphyry crop out on the east and south side of the claim. These volcanics have been intruded by quartz diorite belonging to the Island Intrusions and are found to outcrop in the central and northwestern portion of the claim. A small amount of Quatsino Formation limestone, approximately 40m thick, is found capping a small hill in the southwestern portion of the claim. The Canoe Creek Fault passes through the

central portion of the property, is about 20m wide, and includes sheared, brecciated rock that has been locally silicified and bleached.

The most important structures found to date on the property from an economic perspective are the Elite and Elite II Veins. The Elite Vein is hosted in an easterly to northeasterly trending shear or fault which is likely a splay of the Canoe Creek fault. This quartz-sulphide vein is 35 to 75cm wide at surface and dips steeply to the north and northwest. It has been partially exposed by hand trenching for an indicated length of 85m. Massive to weakly brecciated andesitic volcanics host the vein. Alteration is typical of the regional propylitic assemblage which consists of chlorite, carbonate and pyrite; it is significantly stronger proximal to the vein. Pervasive chlorite with lesser silicification, limonite, pyrite and bleaching form a halo of approximately 40cm in both the hanging wall and the footwall. No gouge was noted along vein contacts. Mineralization, occurring primarily as pods, seams, and fracture filling, consists predominantly of pyrite and pyrrhotite ranging in concentration from 10 to 25 per cent. Minor amounts of arsenopyrite and sphalerite have also been observed. The stronger mineralized sections of the vein are well oxidized within the surface exposures.

The complex nature of the regional faulting is little understood in the southern portion of Vancouver Island; however, there is a strong correlation between gold deposits and the regional west-northwesterly to westerly faults. The Canoe Creek fault is one of these westerly trending structures, and it divides the claim into two halves. The Elite II Vein lies within this structure and is traceable, where the creek has exposed bedrock, for approximately 400m. The shear, which in places is up to 10m wide, is made up of bleached and silicified volcanics and contains irregular lenses and pods of quartz. Two to six per cent disseminated pyrite and minor pyrrhotite are found throughout the shear. The most abundant sulphides are contained with the quartz lenses and pods. Rock samples that contain the most pyrite also contain the most gold and silver.

## C. Geophysical Surveys

### a. Introduction

The 1994 assessment program was intended as a follow-up to the discovery in 1993 of skarn-type mineralization in the vicinity of Frog Lake (southwest corner of Blaster claim). It was originally intended that a significant portion of the Frog Lake area be tested by geophysical surveying, however after the field crew accessed the property it was soon realized that terrain in the area was far too steep for a large control grid.

A small grid of four staggered lines totalling 850m, Grid #1, with 50m spacings between lines, was all that the crew was able to manage in the immediate vicinity of Frog Lake (cf. Fig. 4 for location). A separate grid, Grid #2, was also emplaced about 500m to the southeast in the only other topographically feasible area in the southwest quadrant of the claim. This grid consisted of 5 lines totalling 1,475m with 25m spacings between lines.

Grid locations were fixed according to a base map constructed by reference to a B.C. Forest Services map showing local physiography, roads and topographic contours.

The field crew, consisting of geologists M. Terry and B. Donaldhill of Nicholson & Associates, both familiar hands with Magnetometer and VLF-EM surveys, used a IGS-2 Magnetometer/VLF-EM unit. Although it was originally intended that two VLF-EM stations were to be read, the signal strength from the Seattle transmitter was of such magnitude (4 or 5X normal) that all other signals were jammed out.

#### b. Treatment of Data

The crew collected 39 readings from Grid #1 and 64 from Grid #2, all taken at 25m intervals. Data listings for both the Magnetometer and VLF-EM readings are presented in this report in Appendix III.

Profiles of total magnetic field strength and profiles of inphase & quadrature are presented in this report on Fig. 5 for both Grid #1 and #2. Base mag was at 55,000 nT. All of the profiles have been mean-zeroed to grid lines.

#### c. Discussion

Because extremely steep terrain precluded construction of a large grid as originally planned it was only possible to collect a very limited amount of geophysical data. No obvious anomalies were detected during the program, however no proper interpretation can be made from the limited data.

In the opinion of the field crew, any magnetic highs located during the survey can be attributed to pyrrhotite blebs and/or higher magnetite content in the intrusives. There appears to be a weak structure striking northwest on the eastern edge of Grid #2. This is similar to the strike of most auriferous structures elsewhere on the property.

#### D. Conclusions

The 1994 assessment work program was hampered by steep topography, severely limiting the scope of the planned geophysical surveys. The field crew reported that since almost all of the property is characterized by extremely rugged terrain, reconnaissance scale geophysical or geochemical programs are not possible. The limited data collected during the 1994 magnetometer and VLF-EM surveys did not disclose any obvious anomalies.

Future work on the property is probably best restricted to further prospecting, trenching, sampling and geological mapping.

Respectfully submitted,



D. Cremonese, P.Eng.  
August 5, 1994

## APPENDIX I -- WORK COST STATEMENT

## Field Personnel--Period May 6 to 9, 1994:

M. Terry, Geologist	
3 days @ \$294/day	882
B. Donaldhill, Geologist	
3 days @ \$267.50/day	803
Contractor's 4 X 4 Truck Rental Charges	
3 days @ \$80.25/day	241
Magnetometer & VLF/EM unit rental	241
Travel, accommodation & misc. charges	516
Contractor's Office Charges	52
Report Costs	
Report and map preparation, compilation and research	
D. Cremonese, P.Eng., 1.5 days @ \$300/day	450
Draughting -- RPM Computer	120
Word Processor - 3 hrs. @ \$25/hr.	75
Copies, report, jackets, maps, etc.	30
<b>TOTAL.....</b>	<b>\$ 3,410</b>
Amount Claimed Per Statement of Exploration .....	\$ 3,100

[Surplus to be credited against withdrawal from PAC account of Teuton Resources Corp. if possible].

## 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 practised my profession since 1979.
5. This report is based upon work carried out on the Blaster claim, Alberni Mining Division in May of 1994. Reference to a field report and maps made by geologist B. Donaldhill is acknowledged. I have full confidence in the abilities of all personnel used in the 1994 geophysical program and am satisfied that all readings were taken properly and with care.
6. I am a principal of Teuton Resources Corp., previous optionee of the Blaster claim: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 5th day of August, 1994.



D. Cremonese, P.Eng.

**APPENDIX III**

**DATA LISTINGS**

**MAGNETOMETER/VLF-EM SURVEY**



-----  
SCINTREX V2.0                    Magnetometer R2.0  
Base Fld:                    0.            \*=Uncorrected Data            Ser No:503235.  
Line:                    450.N    Grid:                    1.    Job:                    394.    Date: 94/05/07    Operator:                    308.  
-----

Station	Mag Fld	Change	Time	Information
300.E	55487.1*		15:05:06	
325.E	55425.0*	-62.1	14:59:36	
350.E	55499.6*	74.6	14:56:35	
375.E	55461.4*	-38.2	14:53:30	
400.E	55485.0*	23.6	14:52:30	
425.E	55461.1*	-23.9	14:50:19	
450.E	55474.5*	13.4	14:46:32	
475.E	55561.1*	86.6	14:42:55	
500.E	55590.6*	29.5	14:38:45	
525.E	55764.2*	173.6	14:36:09	
550.E	55496.7*	-267.5	14:34:17	
575.E	55524.9*	28.2	14:32:59	
600.E	55504.0*	-20.9	14:30:41	
625.E	55513.2*	9.2	14:28:36	

-----  
SCINTREX V2.0                    Magnetometer R2.0  
Base Fld:                    0.            \*=Uncorrected Data            Ser No:503235.  
Line:                    500.N    Grid:                    1.    Job:                    394.    Date: 94/05/07    Operator:                    308.  
-----

Station	Mag Fld	Change	Time	Information
500.E	55447.7*		13:59:13	
525.E	55458.4*	10.7	14:00:27	
550.E	55476.6*	18.2	14:03:08	
575.E	55502.3*	25.7	14:04:33	
600.E	55506.2*	3.9	14:05:54	
625.E	55523.3*	17.1	14:07:33	
650.E	55504.7*	-18.6	14:09:37	

-----  
SCINTREX V2.0                    Magnetometer R2.0  
Base Fld:                    0.            \*=Uncorrected Data            Ser No:503235.  
Line:                    550.N    Grid:                    1.    Job:                    394.    Date: 94/05/07    Operator:                    308.  
-----

Station	Mag Fld	Change	Time	Information
500.E	55516.7*		13:54:54	
525.E	55609.2*	92.5	13:53:02	
550.E	55487.0*	-122.2	13:50:15	
575.E	55497.1*	10.1	13:49:20	
600.E	55489.5*	-7.6	13:48:14	
625.E	55593.2*	103.7	13:47:06	
650.E	55462.3*	-130.9	13:44:16	
675.E	55514.0*	51.7	13:42:11	
700.E	55486.9*	-27.1	13:38:54	

-----  
SCINTREX V2.0                    Magnetometer R2.0  
Base Fld:                    0.            \*=Uncorrected Data            Ser No:503235.  
Line:                    600.N    Grid:                    1.    Job:                    394.    Date: 94/05/07    Operator:                    308.  
-----

Station	Mag Fld	Change	Time	Information
500.E	55541.0*		13:15:12	
525.E	55486.9*	-54.1	13:17:12	
550.E	55511.2*	24.3	13:19:32	
575.E	55545.9*	34.7	13:20:52	
600.E	55809.5*	263.6	13:22:53	

650.E 55515.1\* -137.2 13:26:40  
675.E 55479.8\* -35.3 13:33:15

SCINTREX V2.0            VLF M-Fld    R1.6

VLF #1 24.8KHz

Ser No:503235.

Line: 450.N Grid: 1. Job: 394. Date: 94/05/07 Operator: 308.

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
300.E		17	-2		138.00		3	15:05:21	
325.E		10	-2		143.00		2	14:59:51	
350.E		9	-1		148.00		4	14:56:50	
375.E		9	-0		147.00		3	14:53:42	
400.E		6	-1		146.00		2	14:52:43	
425.E		6	-0		150.00		3	14:50:36	
450.E		5	-0		147.00		2	14:46:47	
475.E		4	-1		150.00		3	14:43:09	
500.E		5	-2		150.00		3	14:39:00	
525.E		5	-2		148.00		3	14:36:35	
550.E		0	-1		146.00		3	14:34:49	
575.E		0	-0		151.00		3	14:33:11	
600.E		2	-1		150.00		3	14:30:54	
625.E		3	-1		147.00		2	14:28:52	

SCINTREX V2.0            VLF M-Fld    R1.6

VLF #1 24.8KHz

Ser No:503235.

Line: 500.N Grid: 1. Job: 394. Date: 94/05/07 Operator: 308.

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
500.E		6	-4		147.00		2	13:59:28	
525.E		11	-0		146.00		3	14:00:38	
550.E		8	-0		151.00		2	14:03:21	
575.E		5	-1		155.00		2	14:04:44	
600.E		7	-2		149.00		2	14:06:06	
625.E		12	-2		144.00		3	14:07:45	
650.E		7	-1		149.00		3	14:09:51	

SCINTREX V2.0            VLF M-Fld    R1.6

VLF #1 24.8KHz

Ser No:503235.

Line: 550.N Grid: 1. Job: 394. Date: 94/05/07 Operator: 308.

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
500.E		3	-1		151.00		2	13:55:06	
525.E		5	-3		147.00		2	13:53:13	
550.E		7	-3		147.00		4	13:50:28	
575.E		9	-2		140.00		3	13:49:32	
600.E		11	-1		137.00		3	13:48:26	
625.E		17	-2		131.00		3	13:47:18	
650.E		17	-1		132.00		3	13:44:28	
675.E		15	0		122.00		3	13:42:25	
700.E		21	3		133.00		2	13:39:10	

---

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
500.E		27		-0	104.00		3	13:15:39	
525.E		29		-0	120.00		3	13:17:48	
550.E		26		0	128.00		3	13:19:45	
575.E		28		0	123.00		3	13:21:06	
600.E		34		2	122.00		2	13:23:18	
625.E		24		-1	128.00		3	13:24:46	
650.E		14		-0	157.00		3	13:26:54	
675.E		17		-0	156.00		4	13:33:34	

-----  
SCINTREX V2.0 Magnetometer R2.0  
Base Fld: 0. \*=Uncorrected Data Ser No:503235.  
Line: 900.N Grid: 2. Job: 394. Date: 94/05/08 Operator: 308.  
-----

Station	Mag Fld	Change	Time	Information
525.E	55405.6*		11:55:38	
550.E	55470.2*	64.6	11:54:21	
575.E	55429.0*	-41.2	11:51:43	
600.E	55374.5*	-54.5	11:49:22	
625.E	55391.8*	17.3	11:46:40	
650.E	55378.8*	-13.0	11:45:10	
675.E	55420.1*	41.3	11:43:43	
700.E	55478.3*	58.2	11:42:24	
725.E	55553.4*	75.1	11:40:01	
750.E	55336.6*	-216.8	11:38:52	
775.E	55468.9*	132.3	11:36:51	
800.E	55411.8*	-57.1	11:33:44	
825.E	55421.0*	9.2	11:31:27	

-----  
SCINTREX V2.0 Magnetometer R2.0  
Base Fld: 0. \*=Uncorrected Data Ser No:503235.  
Line: 925.N Grid: 2. Job: 394. Date: 94/05/08 Operator: 308.  
-----

Station	Mag Fld	Change	Time	Information
525.E	55497.4*		10:54:24	
550.E	55457.9*	-39.5	10:57:48	
575.E	55444.2*	-13.7	10:58:59	
600.E	55430.0*	-14.2	11:00:33	
625.E	55414.7*	-15.3	11:01:33	
650.E	55382.8*	-31.9	11:03:27	
675.E	55375.5*	-7.3	11:05:28	
700.E	55485.3*	109.8	11:06:35	
725.E	55464.9*	-20.4	11:08:11	
750.E	55490.6*	25.7	11:09:57	
775.E	55524.9*	34.3	11:12:31	
800.E	55392.1*	-132.8	11:14:15	
825.E	55361.8*	-30.3	11:15:39	

-----  
SCINTREX V2.0 Magnetometer R2.0  
Base Fld: 0. \*=Uncorrected Data Ser No:503235.  
Line: 950.N Grid: 2. Job: 394. Date: 94/05/08 Operator: 308.  
-----

Station	Mag Fld	Change	Time	Information
525.E	55437.8*		10:44:00	
550.E	55554.1*	116.3	10:41:10	
575.E	55363.2*	-190.9	10:39:28	
600.E	55379.4*	16.2	10:37:57	
625.E	55480.6*	101.2	10:36:21	
650.E	55487.8*	7.2	10:35:11	
675.E	55428.9*	-58.9	10:34:01	
700.E	55420.0*	-8.9	10:32:35	
725.E	55470.8*	50.8	10:30:59	
750.E	55506.5*	35.7	10:29:15	
775.E	55488.2*	-18.3	10:27:15	
800.E	55444.6*	-43.6	10:25:02	
825.E	55443.2*	-1.4	10:18:45	

-----  
SCINTREX V2.0                    Magnetometer R2.0  
Base Fld:            0.            \*=Uncorrected Data            Ser No:503235.  
Line:    975.N    Grid:            2.    Job:            394.    Date: 94/05/08    Operator:            308.  
-----

Station	Mag Fld	Change	Time	Information
525.E	55386.1*		09:52:17	
550.E	55477.6*	91.5	09:54:47	
575.E	55478.0*	0.4	09:56:08	
600.E	55487.1*	9.1	09:57:23	
625.E	55505.1*	18.0	09:58:55	
650.E	55442.0*	-63.1	10:00:21	
675.E	55415.6*	-26.4	10:01:45	
700.E	55448.8*	33.2	10:03:07	
725.E	55536.2*	87.4	10:04:45	
750.E	55507.5*	-28.7	10:06:34	
775.E	55556.0*	48.5	10:08:17	
800.E	55557.1*	1.1	10:10:00	
825.E	55498.8*	-58.3	10:11:54	

-----  
SCINTREX V2.0                    Magnetometer R2.0  
Base Fld:            0.            \*=Uncorrected Data            Ser No:503235.  
Line:    1000.N    Grid:            2.    Job:            394.    Date: 94/05/08    Operator:            308.  
-----

Station	Mag Fld	Change	Time	Information
525.E	55382.6*		09:42:09	
550.E	55471.0*	88.4	09:36:33	
575.E	55501.8*	30.8	09:34:32	
600.E	55470.0*	-31.8	09:32:34	
625.E	55469.3*	-0.7	09:31:13	
650.E	55458.2*	-11.1	09:29:36	
675.E	55492.4*	34.2	09:28:09	
700.E	55497.3*	4.9	09:26:29	
725.E	55453.3*	-44.0	09:24:43	
750.E	55450.9*	-2.4	09:23:35	
775.E	55568.3*	117.4	09:21:40	
800.E	55422.1*	-146.2	09:19:56	

-----  
 SCINTREX V2.0 VLF M-Fld R1.6  
 VLF #1 24.8KHZ Ser No:503235.  
 Line: 900.N Grid: 2. Job: 394. Date: 94/05/08 Operator: 308.  
 -----

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
525.E	-37		-18		157.00		3	11:55:49	
550.E	-35		-15		152.00		3	11:54:35	
575.E	-33		-15		146.00		3	11:51:57	
600.E	-23		-13		143.00		3	11:49:36	
625.E	-22		-10		144.00		3	11:46:54	
650.E	-23		-9		146.00		4	11:45:25	
675.E	-17		-8		139.00		3	11:43:58	
700.E	-19		-7		141.00		3	11:42:34	
725.E	-16		-5		143.00		3	11:40:23	
750.E	-22		-6		140.00		3	11:39:07	
775.E	-16		-7		141.00		3	11:37:04	
800.E	-15		-7		140.00		3	11:33:58	
825.E	-16		-8		140.00		3	11:31:41	

-----  
 SCINTREX V2.0 VLF M-Fld R1.6  
 VLF #1 24.8KHZ Ser No:503235.  
 Line: 925.N Grid: 2. Job: 394. Date: 94/05/08 Operator: 308.  
 -----

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
525.E	-31		-19		163.00		3	10:54:42	
550.E	-30		-18		152.00		3	10:58:02	
575.F	-34		-15		149.00		3	10:59:13	
600.E	-27		-12		148.00		3	11:00:49	
625.E	-32		-11		144.00		4	11:01:46	
650.E	-24		-10		147.00		3	11:03:41	
675.E	-24		-8		144.00		3	11:05:45	
700.E	-19		-6		143.00		3	11:06:50	
725.E	-15		-5		144.00		3	11:08:28	
750.E	-12		-4		144.00		3	11:10:12	
775.E	-21		-7		139.00		3	11:12:45	
800.E	-15		-6		139.00		3	11:14:29	
825.E	-15		-7		140.00		4	11:15:56	

-----  
 SCINTREX V2.0 VLF M-Fld R1.6  
 VLF #1 24.8KHZ Ser No:503235.  
 Line: 950.N Grid: 2. Job: 394. Date: 94/05/08 Operator: 308.  
 -----

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
525.E	-34		-19		156.00		4	10:44:13	
550.E	-29		-17		151.00		3	10:41:22	
575.E	-29		-13		148.00		3	10:39:41	
600.E	-32		-12		143.00		4	10:38:16	
625.E	-21		-11		142.00		4	10:36:37	
650.E	-20		-9		144.00		3	10:35:23	
675.E	-27		-8		139.00		3	10:34:15	
700.E	-20		-6		141.00		4	10:32:51	
725.E	-19		-5		137.00		3	10:31:12	
750.E	-19		-5		141.00		3	10:29:29	
775.E	-14		-5		145.00		3	10:27:28	

-----  
SCINTREX V2.0 VLF M-Fld R1.6

VLF #1 24.8KHz

Ser No:503235.

Line: 975.N Grid: 2. Job: 394. Date: 94/05/08 Operator: 308.  
-----

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
525.E	-42		-20		146.00		4	09:52:36	
550.E	-36		-16		144.00		3	09:55:03	
575.E	-29		-13		144.00		4	09:56:21	
600.E	-27		-11		146.00		4	09:57:40	
625.E	-25		-10		144.00		3	09:59:13	
650.E	-26		-8		138.00		3	10:00:38	
675.E	-21		-7		141.00		3	10:02:01	
700.E	-19		-7		142.00		3	10:03:23	
725.E	-15		-5		142.00		3	10:05:01	
750.E	-12		-3		142.00		3	10:06:49	
775.E	-10		-4		143.00		4	10:08:33	
800.E	-12		-4		145.00		2	10:10:12	
825.E	-9		-5		143.00		3	10:12:09	

-----  
SCINTREX V2.0 VLF M-Fld R1.6

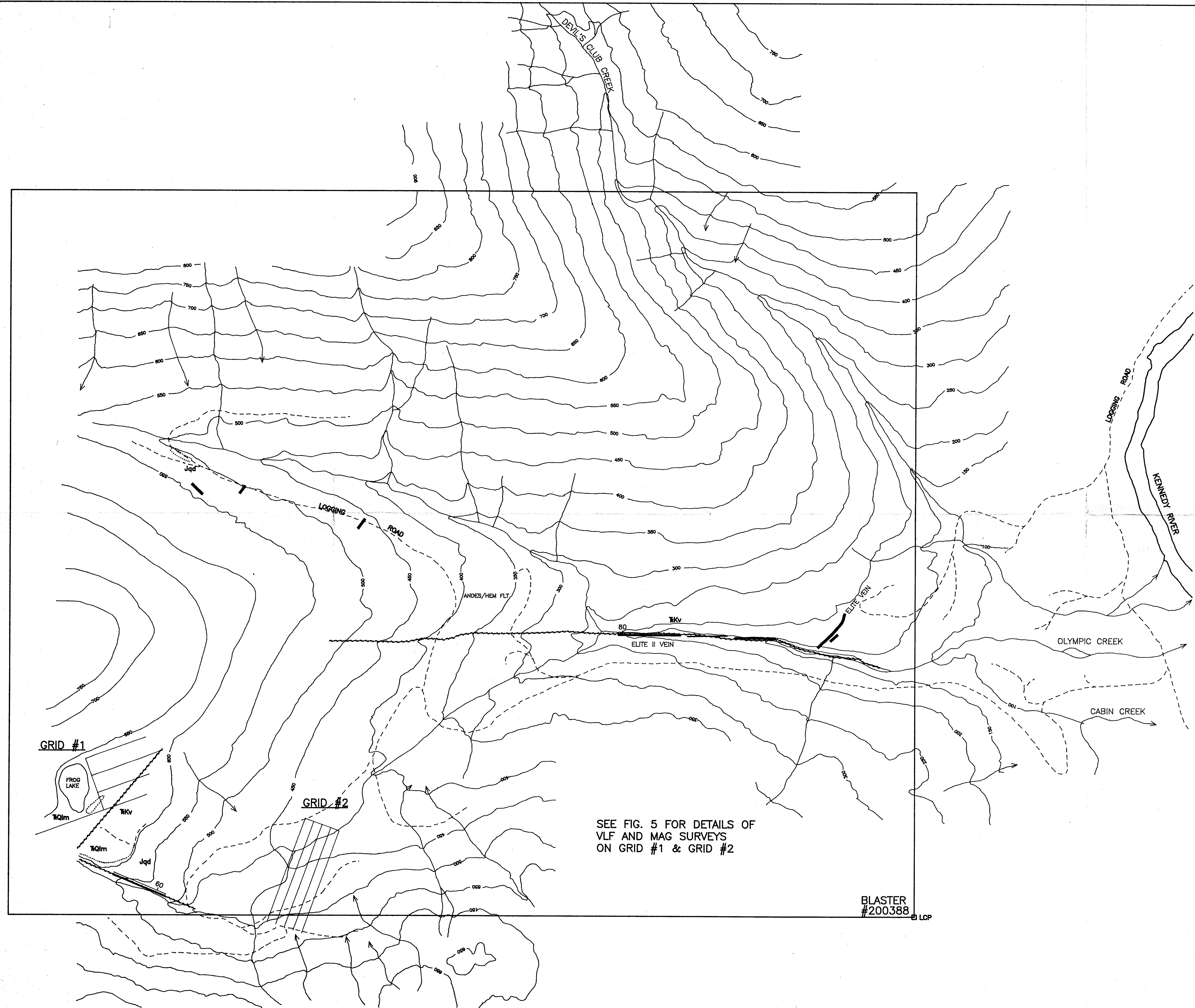
VLF #1 24.8KHz

Ser No:503235.

Line: 1000.N Grid: 2. Job: 394. Date: 94/05/08 Operator: 308.  
-----

Station	Vert	IP	Vert	Q	Hor	Fld	Dur.	Time	Information
525.E	-39		-19		145.00		3	09:42:27	
550.E	-35		-16		140.00		3	09:36:47	
575.E	-34		-13		139.00		3	09:34:46	
600.E	-23		-12		144.00		2	09:32:46	
625.E	-22		-9		142.00		3	09:31:26	
650.E	-21		-8		142.00		3	09:29:52	
675.E	-15		-7		136.00		4	09:28:21	
700.E	-18		-6		135.00		3	09:26:42	
725.E	-14		-4		132.00		3	09:24:59	
750.E	-10		-2		134.00		3	09:23:49	
775.E	-14		-3		130.00		3	09:21:54	
800.E	-10		-4		133.00		3	09:20:11	



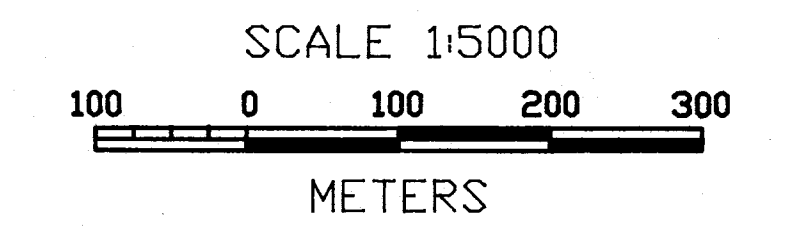


**LEGEND**

- JURASSIC**
- TKv ISLAND INTRUSIVE, GRANODIORITE
- TRIASSIC**
- TQlm QUATSINO LIMESTONE
- TKv KARMUTSEN VOLCANICS
- QUARTZ and (or) CARBONATE VEIN (Not to Scale)
- CONTACT
- FAULT
- SHEAR ZONE
- OUTCROP

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

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CONTOUR INTERVAL 50 METERS

SEE FIG. 5 FOR DETAILS OF  
VLF AND MAG SURVEYS  
ON GRID #1 & GRID #2

BLASTER  
#200388 LCP

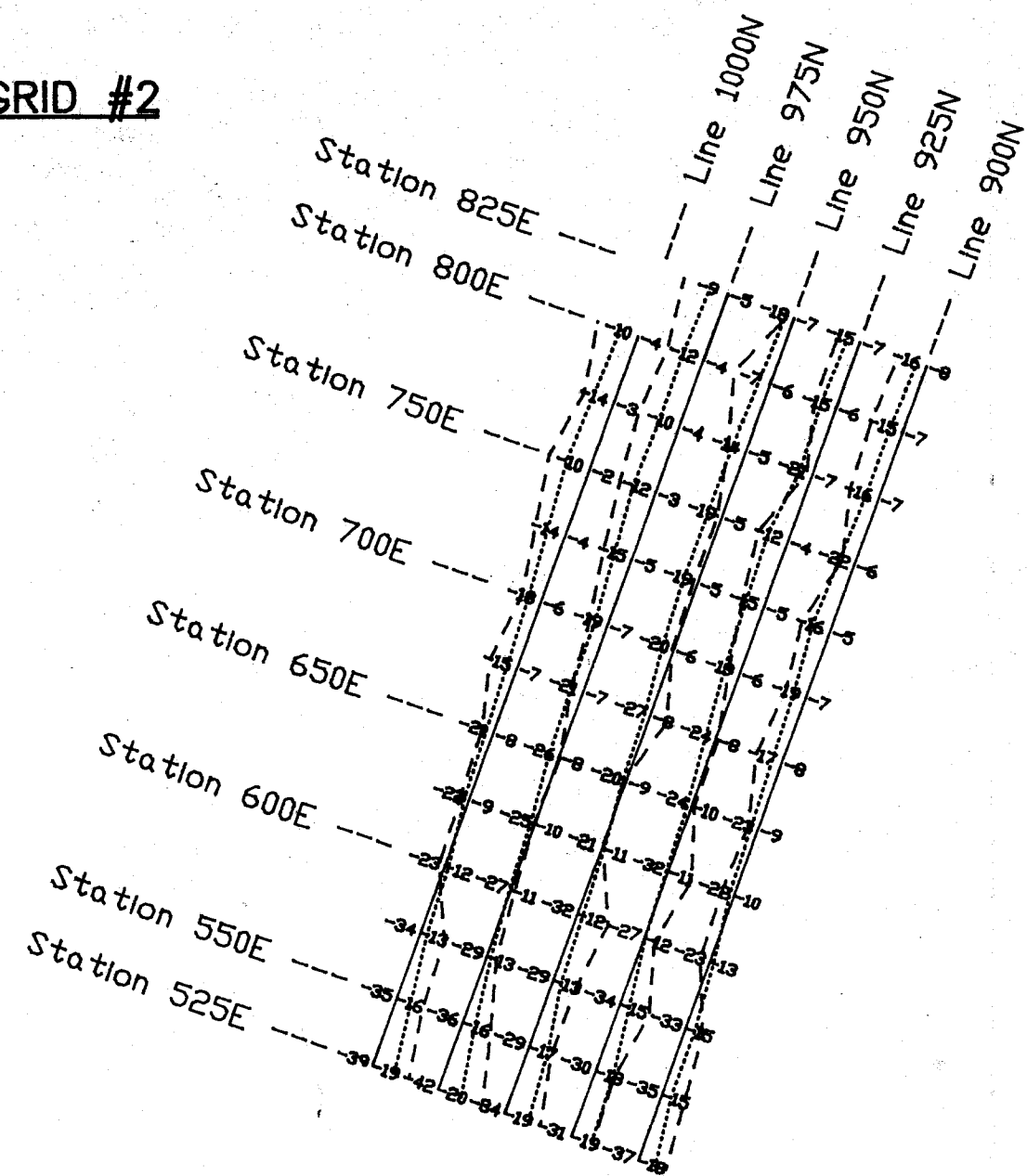
<b>BLASTER CLAIM</b>	
ALBERNI MINING DIVISION - NTS 92F/3W	
1994 GEOPHYSICAL SURVEY INDEX MAP SHOWING LOCATIONS OF GRID #1 & GRID #2	
RPM Mapping and Computer Services Ltd.	Date: August 1994
	Owner: K. Gourley
	Figure: 4

**PROFILES OF INPHASE & QUADRATURE**

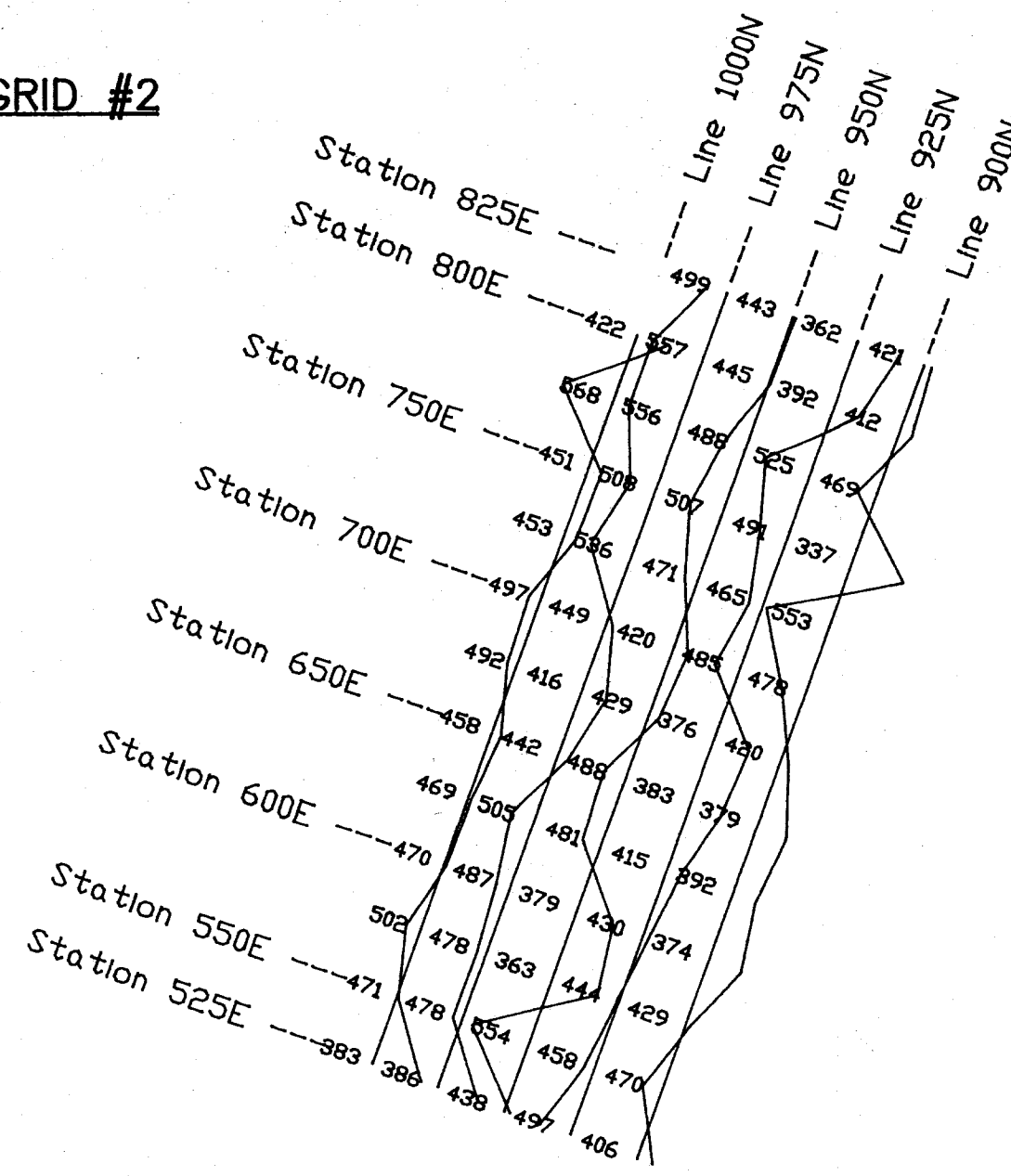
**PROFILES OF TOTAL MAGNETIC FIELD STRENGTH**



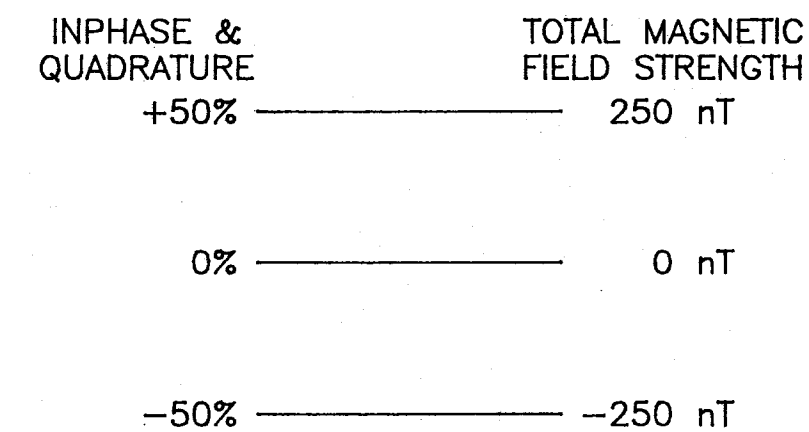
**GRID #2**



**GRID #2**



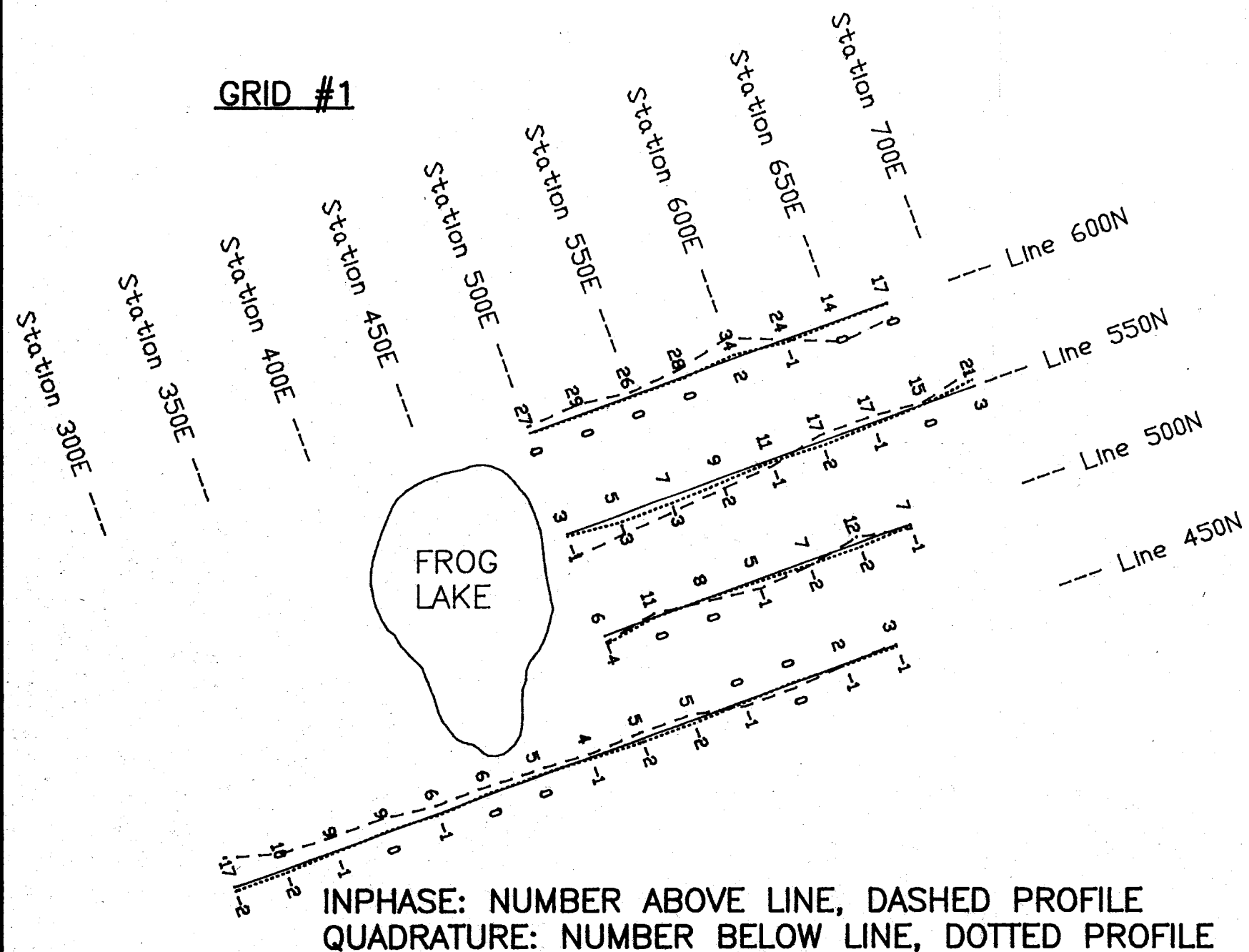
**PROFILE AMPLITUDE**



**PROFILES MEAN-ZEROED TO GRID LINES**

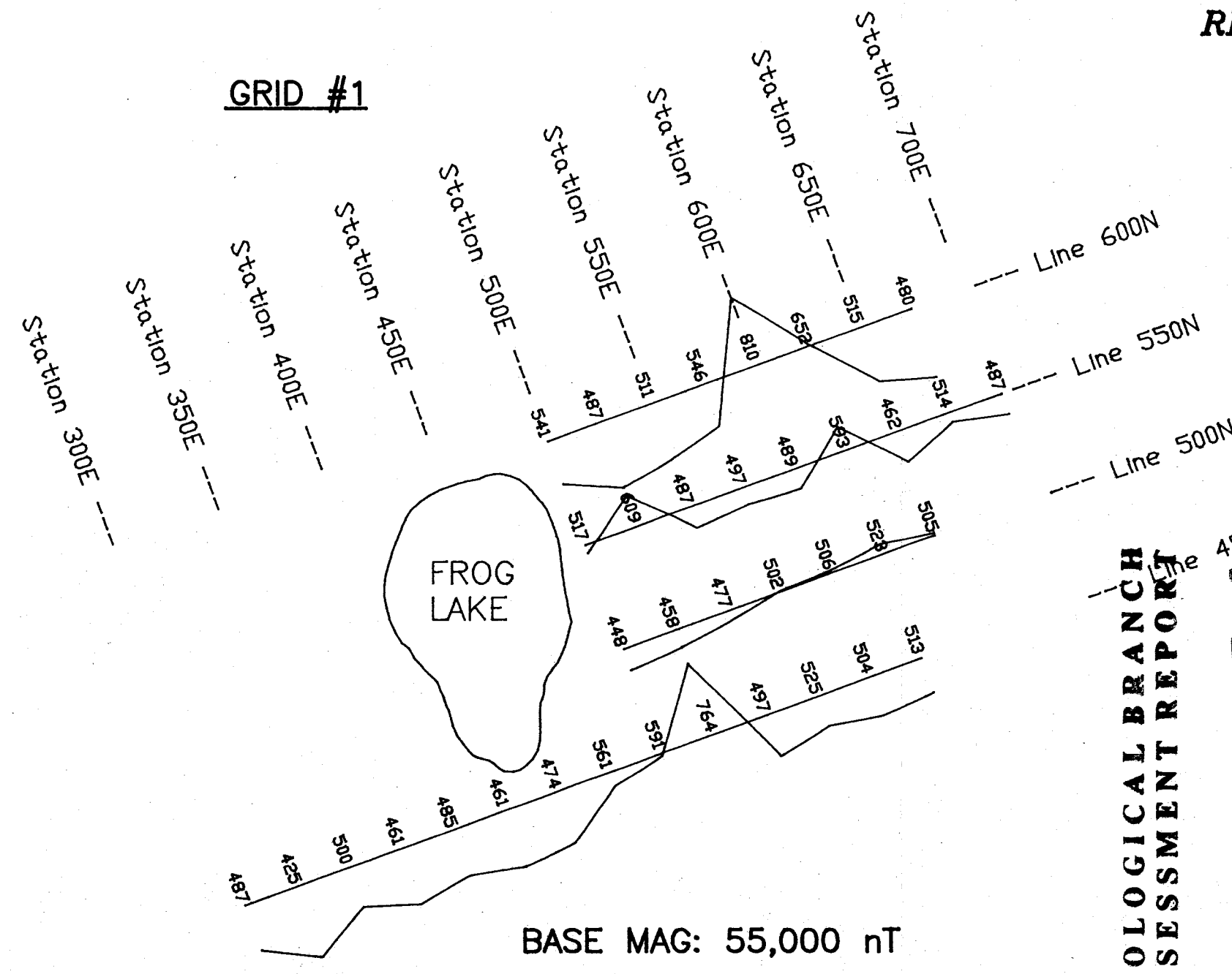
**REFER TO FIG. 4 FOR GRID POSITIONS RELATIVE TO CLAIM BOUNDARIES**

**GRID #1**

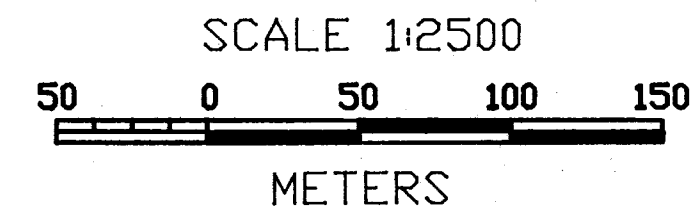


**INPHASE: NUMBER ABOVE LINE, DASHED PROFILE  
QUADRATURE: NUMBER BELOW LINE, DOTTED PROFILE**

**GRID #1**



**BASE MAG: 55,000 nT**



**GEOLOGICAL BRANCH ASSESSMENT REPORT**

23,451

<b>BLASTER CLAIM</b>	
ALBERNI MINING DIVISION - NTS 92F/3W	
1994 GEOPHYSICAL SURVEY VLF - EM (SEATTLE) PROFILES OF INPHASE & QUADRATURE (%) & PROFILES OF TOTAL MAGNETIC FIELD STRENGTH (nT)	
RPM Mapping and Computer Services Ltd.	Date: August 1994
	Owner: K. Gourley
	Figure: 5

*J.C.*