GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

ON THE

GRANVILLE MOUNTAIN PROPERTY

OF

Owner/Operator: PROMINENT RESOURCES CORPORATION

TRAIL CREEK MINING DIVISION

NTS. 82E/1E

LATITUDE 49°11.75'N LONGITUDE 118°4.25'W

BY

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AND

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SUMMARY

North trending gold quartz veins, exposed on Granville Mtn., are thought to be genetically related to the intrusion of Eocene Coryell syenites into Mount Roberts Formation meta-sediments, Rossland Group meta-volcanics and Jurassic - Cretaceous Nelson quartz monzonites. The more competent quartz monzonites were structurally favoured in playing host to the Eocene fracturing and mineralizing events.

Quartz vein systems within the quartz monzonite have potential for significant strike length (1500+ m). Exposed showings indicate an average thickness of 1.2 m. Surface and underground (Cominco, circa 1940) sampling suggest values up to 68 gm/tonne Au (2.0 oz/t) are commonly associated with pyrite +/- sulphide rich ore zones.

Three vein systems warrant further evaluation. These include the Dubrovnik - Amazon, Alice L/Berlin - Albion and Bonanza prospects. Close spaced magnetometer and VLF/EM surveys should be conducted prior to cat trenching. The Dubrovnik 'soil anomaly' should also be examined.

Magnetite bearing skarn deposits are developed at limestone/Coryell syenite contacts on the Nugget, Iron and Lucky claims. Select magnetite pods yielded up to 7.5 gm/tonne Au (0.220 oz/t) over 2.3 m. The extent of these showings should be evaluated by detailed geological mapping, combined with a close spaced magnetometer survey.

The estimated cost of continued exploration is $ 57,025.00.

INTRODUCTION

At the request of Mr. Marshall Bertram (president) of Prominent Resources Corporation, Azimuth Geological carried out a geological investigation, along with geochemical and geophysical orientation surveys on the Granville Mountain Property. Two geologists completed this program between July 6th and August 7th, 1985.

The following report is based on results of these surveys and a review of previous operators technical data.

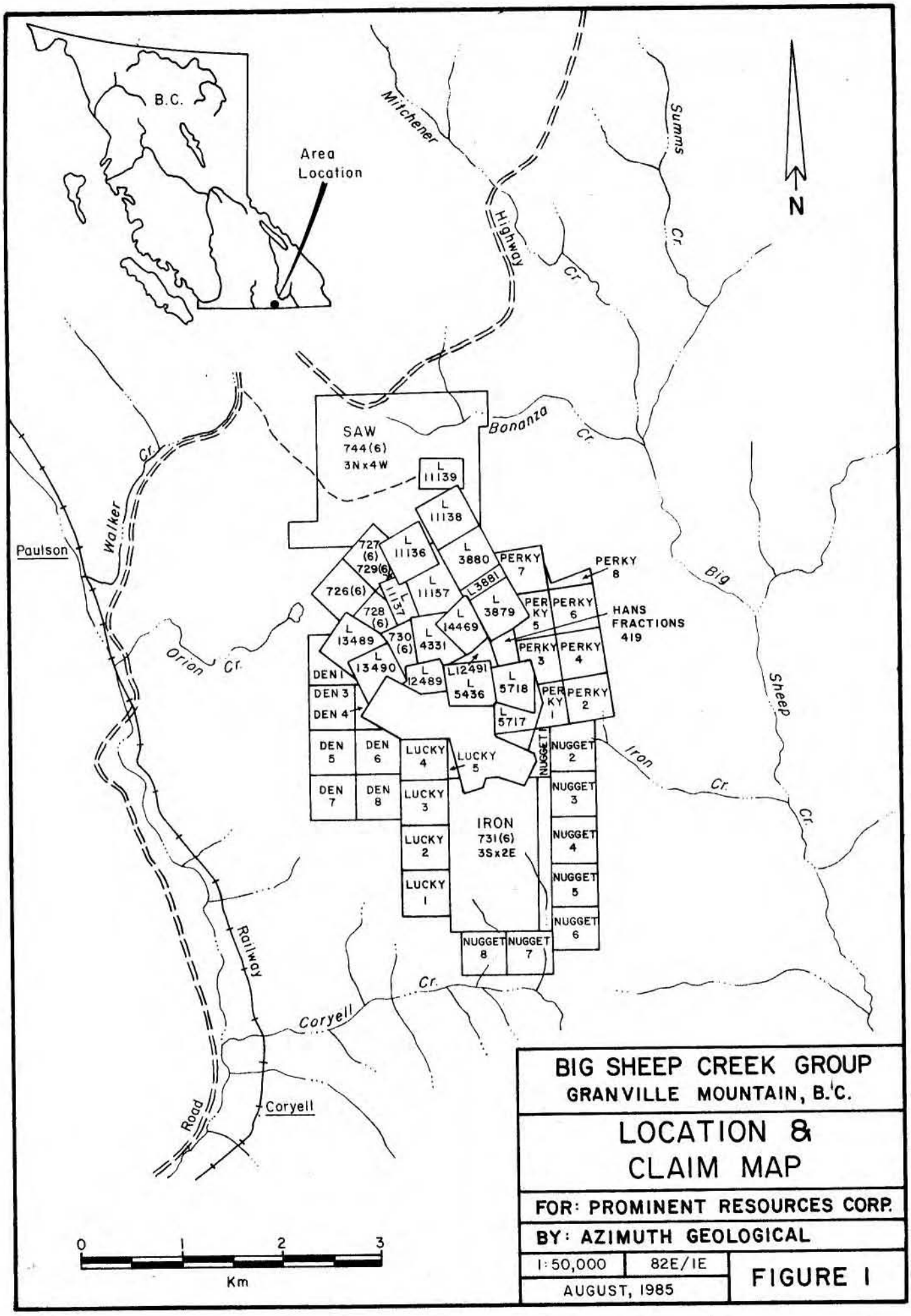
Location, Access and Physiography

The Big Sheep Creek claim group is situated in the Trail Creek Mining Division, adjacent to Highway #3, approximately 40 km east of Grand Forks and 35 km west of Castlegar, British Columbia. Granville Mountain lies at the approximate centre of the property; latitude 49°11.75'N longitude 118°4.25'W. Big Sheep Creek is located to the east of the claim group. McRae Creek lies to the west (Figure 1).

Access is via Bonanza Pass, 7.2 km by paved highway east of the Paulson Bridge. The majority of the property is accessible by two wheel drive on well maintained logging roads. The upper reaches of Granville Mountain and some of the earlier established roads require a 4x4 vehicle.

Granville Mountain occurs in the Rossland Range of the Monashee Mountains. Elevations range from 1490 m at Bonanza Pass to 1800+ m atop Granville Mountain. Topography varies from well vegetated, gentle rolling hills to cliff dominated slopes on the west side of Granville Mountain. The eastern margin of the property is bounded by the precipitous Big Sheep Creek Valley. The west to east flowing Iron Creek bisects the property.

The upper reaches of Granville Mountain host up to 30% exposure. Overburden is extensive on the lower slopes.



BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

LOCATION & CLAIM MAP

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:50,000	82E/1E	FIGURE 1
AUGUST, 1985		

Property

The Granville Mountain property or Big Sheep Creek claim group consists of 55 contiguous mineral claims surrounding 17 crown granted claims, located in the Trail Creek Mining Division on map sheet 82E/1E.

Claim Name	No. of Units	Record No.	Anniversary
Hidden Hand	1	408	June 26
Perky 1-8	8 (twopost)	411 - 418	June 26
Hans Fraction	1 (twopost)	419	June 26
Nugget 1-8	8 (twopost)	420 - 427	June 26
Lucky 1-5	5 (twopost)	428 - 432	June 26
Den 1-8	8 (twopost)	433 - 440	June 26
Glendale	1	444	July 26
Empire 1-5	5	726 - 730	June 3
Iron	6	731	June 3
Saw	12	744	June 16
Saginaw	Crown Grant	L 3879	
Inland Empire	Crown Grant	L 3880	
Saginaw Fraction	Crown Grant	L 3881	
Alice L	Crown Grant	L 4331	
Dubrovnik	Crown Grant	L 5436	
New Bonanza	Crown Grant	L 5717	
Bonanza	Crown Grant	L 5718	
Independent	Crown Grant	L 11136	
Washington	Crown Grant	L 11138	
Inland Fraction	Crown Grant	L 11156	
Berlin	Crown Grant	L 11157	
Albion #2	Crown Grant	L 12489	
Duluth	Crown Grant	L 12490	
Albion Fraction	Crown Grant	L 12491	
B.C.	Crown Grant	L 13489	
U.S.	Crown Grant	L 13490	
A&G Fraction	Crown Grant	L 14469	

PREVIOUS WORK

All of the main vein systems on the Granville Mountain property have received intermittent work since 1898, when the Amazon claim block was crown granted. Physical evidence of this work exists in the form of collapsed shafts, adits, open cuts and pits. A summary of work prior to 1940 was obtained from British Columbia Ministry of Mines Annual reports. Pertinent aspects of this work have been summarized in Table 1.

Circa 1940, both Sheep Creek Gold Mines and Cominco examined the property and conducted extensive sampling of the vein systems. Some very high gold values, over significant widths, were obtained from both surface and underground workings. Table 2 illustrates some of the higher values obtained from various Crown grants.

More recent work on the property consisted of a drilling program by Northern Syndicate Ltd. (1962). Hole 62-1, on the Albion vein, intersected 2.9 m (9.5') of 11.9 gm/tonne (0.35 oz/t) Au and 54.4 gm/tonne (1.6 oz/t) Ag (Kruchkowski, 1981).

Ground to the west and south of the Albion vein was examined in 1968 (Hanan, 1968). This survey was completed over an area now covered by the Empire, Den and Lucky claims. The program consisted of geological mapping, soil sampling and a magnetometer survey. Emphasis was placed on areas underlain by greenstones, peridotites and carbonates. No significant mineralization was discovered.

In 1974 Ike Weibe, a local prospector, drilled 4 holes on the Albion vein and 2 holes on the Dubrovnik vein. The highest intersection was from hole 74-4 on the Albion vein. It returned 0.6 m (2') of 20.5 gm/tonne (0.604 oz/t) Au and 115.3 gm/tonne (3.39 oz/t) Ag.

Dolmage Campbell and Associates Ltd. conducted a brief property examination in 1979 (Adamson, 1979). The work was not pursued and no detailed report was written.

TABLE 1

WORK HISTORY - 1898-1964, MMAR

VEIN SYSTEM	YEAR	WORK PERFORMED
Albion	1932	pyrite vein exposed in creek, 12' to south, 50' inclined shaft with tunnel driven to south, rusty quartz returned $8.00/ton. lower workings, 12' inclined shaft on 7.5' vein on strike with Cascade-Bonanza.
	1950	adit advanced 80' into hill, connected with shaft 35' below collar, 25 tons with 8 oz Au and 48 oz Ag shipped to Trail.
	1962	siliceous vein ore, 152 tons with 16 oz Au, 147 oz Ag, 309 lbs Pb and 309 lbs Zn.
	1964	bulldozing, stripping, 400' of diamond drilling, 35' shaft @ 30' to horizontal, 25 tons with 70 oz Au, 23 oz Ag, 50 lbs Pb and 50 lbs Zn.
Alice L/Berlin	1906	6'x8' shaft driven 45'.
	1907	40' shaft, vein widens from 5.5' on surface to 9' at depth, good values.
	1917	25' shaft on quartz lead, high grade ore shoot, drifts driven both ways from shaft along lead, 59 tons valued $90 - $100/ton in Au and Ag.
	1918	several hundred feet of drifting, shaft and cross-cut at 40' level, high grade ore pockets, 142 tons of 3 oz/ton Au, 15 oz/ton Ag and 0.6% Cu.
	1919	galena, chalcopyrite, pyrite, quartz within fissures in alkali syenite, 65 tons with 26 oz Au, 83 oz Ag and 117 lbs Cu.
	1922	overhauling 10 stamp mill on Inland/Empire
	1923	exploration of old workings
	1924	test run 10 stamp mill and floatation unit, good results
	1928	Ag, Pb ore shipped
	1938	541 tons shipped to date containing 121 oz Au, 1,142 oz Ag.
	1939	underground work, 467 tons yielded 80 oz Au and 145 oz Ag.
Amazon	1923	shafts and open cuts along 10" vein. Bergen claim to west, 6000' elevation, vein with open cuts and 20' shaft, chalcopyrite, pyrrhotite and pyrite in quartz within syenite and limestone, vein close to contact, sample across 22' returned low Au.

Bonanza	1900	75' trenching on Bonanza 3.
	1901	to date, 275' drifting, 15' winzing and 15' cross-cuts.
Dubrovnik	1936	29" quartz vein in draw 700' north of tributary to Iron Creek, narrows to north, to south veins appear to be faulted.
Duluth	1932	4' quartz vein with py in open cut, 4.8 oz/t Au and 45 oz/t Ag.
	1936	4' rusty quartz vein, N15°W/70°E, in granite, vein in depression 100' to south.
Inland Empire	1906	6'x8' shaft to 180'.
	1907	40' cross-cut, shaft to 170'. shaft to 200' and cross-cut to hit ledge, intent to extend shaft to 400' and install stamp mill.
	1909	shaft deepened, near shipping.
	1911	some equipment added, otherwise idle.
	1912	2,200 tons milled, 43 tons shipped.
	1914	1500' drifting and cross-cuts, 1200' of diamond drilling, hit large ore body of milling ore.
	1916	name changed to Inland, 800' drifting, 50' cross-cuts.
	1918	In past 4 stamp mill was installed, lead and mineralization persist but ore not of sufficient value to cover costs.
	1938	not worked for past 14 years, 541 tons shipped yielding 121 oz Au and 1,142 oz Ag (from Alice L/Berlin ?).
U.S.	1932	20' shaft on quartz vein with py, vein widens from 16" to 7' at depth, vein strikes north and dips 70°W, below shaft 124' tunnel cuts downward continuation of vein.
	1936	12" quartz vein traced 40' to north, north end of shaft - 12" sample yielded 0.06 oz/t Au. adit trends N80°E, 110' towards S70°W from shaft, 120' from portal hit vein, drift 25'-30' north and south.

TABLE 2

CIRCA 1940 SAMPLING RESULTS

Property	Sheep Creek Gold Mines	Cominco
Amazon		2.0' - 0.12 oz/t Au shaft
Albion 2	3.5' - 0.83 oz/t Au drift	4.7' - 0.74 oz/t Au shaft
Albion Fr.	4.0' - 0.36 oz/t Au shaft	8.0' - 0.40 oz/t Au shaft
Berlin	4.0' - 0.18 oz/t Au drift	5.4' - 1.14 oz/t Au shaft
Dubrovnik	2.0' - 0.34 oz/t Au open cut	4.0' - 0.14 oz/t Au open cut
Duluth	4.0' - 0.20 oz/t Au shaft	
Albion 2	3.3' - 0.27 oz/t Au average grade	
Berlin	2.2' - 0.42 oz/t Au average grade	

*data from McGuire (1940a and1940b) and Prominent Resources Corp. news letter, 1984

Eight holes were drilled on the Albion and Berlin/Alice L veins in 1979 (Williams, 1980). It was concluded that the strength, dimensions and continuity of the veins reduced with depth on both vein systems. No significant mineralization was intersected in any of the holes.

The most extensive program carried out to date was by E&B Explorations Ltd. (Kruchkowski, 1981). Detailed geological mapping, combined with soil, VLF/EM and magnetometer surveys were conducted over two grid areas (see Figures 2 and 5). The northern or main grid covered the vein systems in the vicinity of Granville Mountain Peak. The southern or Iron Grid examined east - west trending quartz veins and pyrrhotite/pyrite rich zones in the volcanics and limestones. No new vein systems were discovered and further work was not recommended. Soil sampling however, returned anomalous values up to 1540 ppb Au. This zone, located near the Dubrovnik - Bonanza 2 Crown Grant boundary, extended over a strike length of 150+ m. No follow-up work has been conducted along this zone.

The Albion, Dubrovnik and Cascade-Bonanza veins were examined, sampled and classified as epithermal vein deposits by F.M. Smith (Smith, 1983 and 1984). The Alice L/Berlin and Inland Empire were considered to be gold porphyrites. This model was based upon the volcanic host rocks and the apparent lack of alteration similar to that associated with the Albion and Dubrovnik veins.

Smith (1983) described the alteration associated with the Albion vein as an envelope consisting of a 0.91 m (3') low pH sericite and clay rich assemblage on the footwall side of the vein and a similar 3.0 to 3.6 m (10' to 12') zone in the hanging wall. Information based upon the shape of the alteration zone, along with drill and surface data, led Smith (1983) to conclude that the ore shoots plunged 45° south in a vein dipping 70° east.

An orientation IP - resistivity survey was completed across the Albion vein and the Dubrovnik soil anomaly (Mark, 1984). East dipping resistivity lows were assumed (based on the model presented by Smith, 1983) to represent wide, east dipping alteration zones.

A diamond drilling program (Sookochoff, 1984) was designed to test;

1) IP - resistivity anomalies in the vicinity of the Albion vein,
2) previous high grade drill intersections on the Albion vein (DDH 62-1 and DDH 74-4) and
3) continuation to depth of the mineralization associated with the Dubrovnik vein surface exposures.

Results of the survey indicated that the Albion vein was discontinuous and that gold grades were erratic. One hole on the Dubrovnik vein system however, returned values of 13.5 gm/tonne (0.398 oz/t) Au and 240.0 gm/tonne (7.06 oz/t) Ag over 2.56 m (8.4').

REGIONAL GEOLOGY

The Pennsylvanian - Permian Mt. Roberts Formation and the Lower Jurassic Elise Formation of the Rossland Group have been intruded by Nelson and Coryell plutonic rocks.

The oldest rocks in the vicinity of Granville Mtn. are siltstones, argillaceous quartzites, slates, greywackes, cherts, pebble conglomerates, limestones, and lesser lavas of the Mt. Roberts Formation. These are exposed along McRae Creek to the west of Granville Mtn. The Anarchist Group, not documented east of Grand Forks, may in part be Mt. Roberts equivalent.

The Elise Formation of the Rossland Group consists of flow breccias, volcanic breccias, andesites and basalts, agglomerates, tuffs, black laminated siltstones, and augite porphyry. Rossland Group rocks are noted to outcrop near the headwaters of Big Sheep Creek.

Biotite hornblende granodiorite of the Late Jurassic - Early Cretaceous Nelson intrusives cut both the Rossland Group and the Mt. Roberts Formation.

The Nelson has subsequently been intruded by the Middle Eocene Coryell group of alkali plutonics. Course grained syenite is the most distinctive and

quartz monzonite the most widespread of the Coryell. Granites and monzonites are also common. Numerous hypabyssal porphyritic phases have been documented.

PROPERTY GEOLOGY

The Granville Mtn. property is underlain by a series of intermediate volcanics and sediments, cut by at least two phases of intrusives. Volcanics and sediments form two distinct east - west trending belts, separated by a large body of quartz monzonite. Larger intrusive bodies of syenite - quartz syenite occur to the north and south of these volcanic pendants (Figure 2).

In the vicinity of the Inland Empire and Alice L/Berlin prospects, the northern volcanic pendant is in contact with quartz monzonite. This volcanic belt was traced eastwards to the Enterprise group of Crown Granted claims. Limited exposure made it difficult to trace the pendant to the west.

The northern contact of the volcanics with syenite is dominated by a series of east - west trending gneisses. Foliated bands composed of biotite, chloritized pyroxene and/or hornblende, feldspar +/- quartz have been injected lit par lit by fine grained syenite to granite. Southwards, these gneisses progressively become more massive meta-volcanics and biotite schists. Near the southern contact with the quartz monzonite intrusion, hornfelsed meta-volcanics and/or meta-sediments are pyrrhotite +/- pyrite rich.

Thin limestone units, trending 240°, crop out to the east of the property. Tremolite rich clasts in the Inland Empire dump suggest these carbonates extend to the west. Foliated tuffs and volcanic breccias were also identified to the east of the Granville Mtn. property.

To the south of the quartz monzonite stock, massive greenstones and feldspar, pyroxene porphyritic andesite to basalt predominate. Primary structures are rare, making the trend of the volcanics difficult to determine except on a regional scale. Locally, tuffaceous horizons and andesitic breccias suggest an east - west trend. A large body of andesitic breccia extends from west to

east, across the entire Iron claim block. Large, angular (to 5 cm) chlorite rich porphyritic clasts occur within a fine grained, locally porphyritic, andesitic groundmass.

A thick limestone band lies within intermediate to felsic volcanics. In the the vicinity of E&B Exploration's (Kruchkowski, 1981) Iron Grid, the carbonate and volcanics have been intruded by a small quartz monzonite stock and by late feldspar and biotite porphyritic syenite dykes. The volcanic/limestone contact is marked by a pronounced silicification. Chert like bands are developed at the immediate contact. Pyrite +/- pyrrhotite, associated with this contact zone, carry low but anomalous Au values (up to 40 ppb Au).

Syenite - quartz syenite intrudes the volcanic pendant to the south. A second, thinner (to 50 m) limestone unit can be traced as a series of lenses across the Nugget, Iron and Lucky claims. Where the limestone has been intruded by syenite, garnet, pyroxene, magnetite, specularite, +/- potassium feldspar and graphite bearing skarns are developed. These may carry significant concentrations of gold, as evidenced by the Magnetite Adit skarn on the Nugget 5 claim (up to 7.5 gm/tonne Au (0.220 oz/t)).

The volcanic and sedimentary pendants predate the quartz monzonite and syenite intrusive events. This group of rocks has been tentatively assigned to the Rossland Group of volcanics. The presence of limestone and biotite schist suggest these pendant rocks may in part be Mount Roberts Formation. Exposures of both Mount Roberts Formation and Rossland Group have been documented to the east and west of the property (Little, 1957).

Plutonics on the property were previously mapped as belonging to the Eocene Coryell intrusive event (Little, 1957). Forty-eight rock samples were etched with hydrofluoric acid and stained with sodium cobaltinitrate. Potassium feldspars turned yellow, quartz became glassy and plagioclase remained a milky white. From this survey it was determined that two composionally distinct intrusive populations underly the Granville Mtn. property.

Hypidiomorphic quartz monzonites compositionally dominate the central stock, but quartz monzodiorites and monzonites are present locally. These intrusives are composed of fine to medium grained plagioclase, potassium feldspar,

chlorite after hornblende +/- biotite and quartz. Magnetite is an important accessory. Quartz rarely exceeds 10% - 15%.

An east - west trending zone of fine grained quartz monzonite occurs within the medium grained quartz monzonite, immediately south of the U.S., Albion, Dubrovnik, Duluth and Bonanza vein systems. It does not appear to be a separate intrusive event, as contacts between the two are gradational. Its spatial relationship to the mineralized veins is not understood.

Large intrusive bodies of syenite to quartz syenite composition outcrop to the north and south of the volcanic pendants. Mineralogy consists of large (to 3 cm) potassium feldspar phenocrysts within a medium grained potassium feldspar, plagioclase feldspar, biotite, hornblende and quartz groundmass. The quartz content is generally less than 5% to 10%. Adjacent to the volcanic pendants, biotite rich hybrids and granite phases are common.

Most of the known gold bearing quartz veins are hosted by the central, quartz monzonite stock. A few veins occur within volcanics, but these are proximal to the quartz monzonite contact. No veins have been documented in the syenites.

Dykes and larger hypabyssal bodies of feldspar +/- biotite porphyritic syenite crosscut the quartz monzonite. This relationship, along with the spatial separation of the quartz monzonite from the syenite, suggests the two plutonic rock types may be related to different intrusive events.

Syenites and associated dyke rocks are part of the Eocene Coryell intrusive event. The quartz monzonite stock has tentatively been correlated with the Jurassic - Cretaceous Nelson intrusives, but it may represent an earlier phase of the Coryell.

MINERALIZATION AND ROCK GEOCHEMISTRY

Three distinct types of mineralization have been documented on the Granville Mtn. property. Pyrite +/- sulphide bearing quartz veins contain up to 68

gm/tonne Au (2.000 oz/t) and 250 gm/tonne Ag (7.34 oz/t). Skarn deposits, developed along limestone - intrusive contacts, may carry significant amounts of gold and silver. Siliceous and/or silicified volcanics are locally pyrrhotite and pyrite rich. Rare, low but anomalous, gold values are associated with these sulphide bearing volcanics. Rock descriptions and their associated geochemical analyses are listed in Table 3. Sample locations and showings are illustrated on Figure 5.

Vein Systems

Previous studies dealt almost exclusively with the gold bearing quartz veins. North trending veins predominate but some east - west quartz veins occur within limestones and volcanics on the Iron and Nugget claims.

North trending veins are generally steeply dipping to the east and are sub-parallel to two major joint orientations measured throughout the property. This is illustrated on density diagrams (Figures 3 and 4) derived by plotting poles to veins and joints and contouring, using a Kalsbeek counting net (McClay, 1984; Ragan, 1979). Some common data points are shared between the veins and joints, suggesting mineralized fluids may have utilized pre-existing joint surfaces.

The majority of the north trending veins are hosted by Nelson (?) quartz monzonite. These vein systems extend north and south into the Rossland volcanics (Amazon, Alice L/Berlin, Inland Empire), but exploration to date suggests they decrease in abundance away from the quartz monzonite.

Vein mineralization is dominated by pyrite, occurring as disseminated, fine to coarse grained euhedral crystals and locally defining a crude banding. Visible sulphides appear to be restricted to veins proximal to volcanic contacts. ICAP results however, indicate copper, lead and zinc (up to 1875 ppb Cu, 3149 ppb Pb, 302 ppb Zn) are associated with veins hosted by the intrusive. Gangue consists of quartz and rare quartz and calcite assemblages. Magnetite is notably absent from quartz veins and their associated alteration zones. Widths range from less than 1 cm (0.4") to over 1.4 m (4.6').

TABLE 3

ROCK SAMPLE DESCRIPTIONS

Legend

agg = aggregate	diss = disseminated	mt = magnetite	sil = silicified
alt = alteration	ep = epidote	mtrx = matrix	string = stringer
bo = biotite	feld = feldspar	po = pyrrhotite	sy = syenite
box = boxwork	frac = fracture	py = pyrite	tex = texture
brec = breccia	F.W. = footwall	qtz = quartz	trem = tremolite
carb = carbonate	goss = gossanous	qv = quartz vein	volc = volcanic
cc = calcite	hfls = hornfels	ser = sericite	vug = vuggy
chl = chlorite	H.W. = hanging wall	serp = serpentine	
conc = concentrate	ls = limestone	shst = schist	

Au values in ppb * = oz/ton

Ag values in ppm * = oz/ton

Cu, Pb, Zn values in ppm

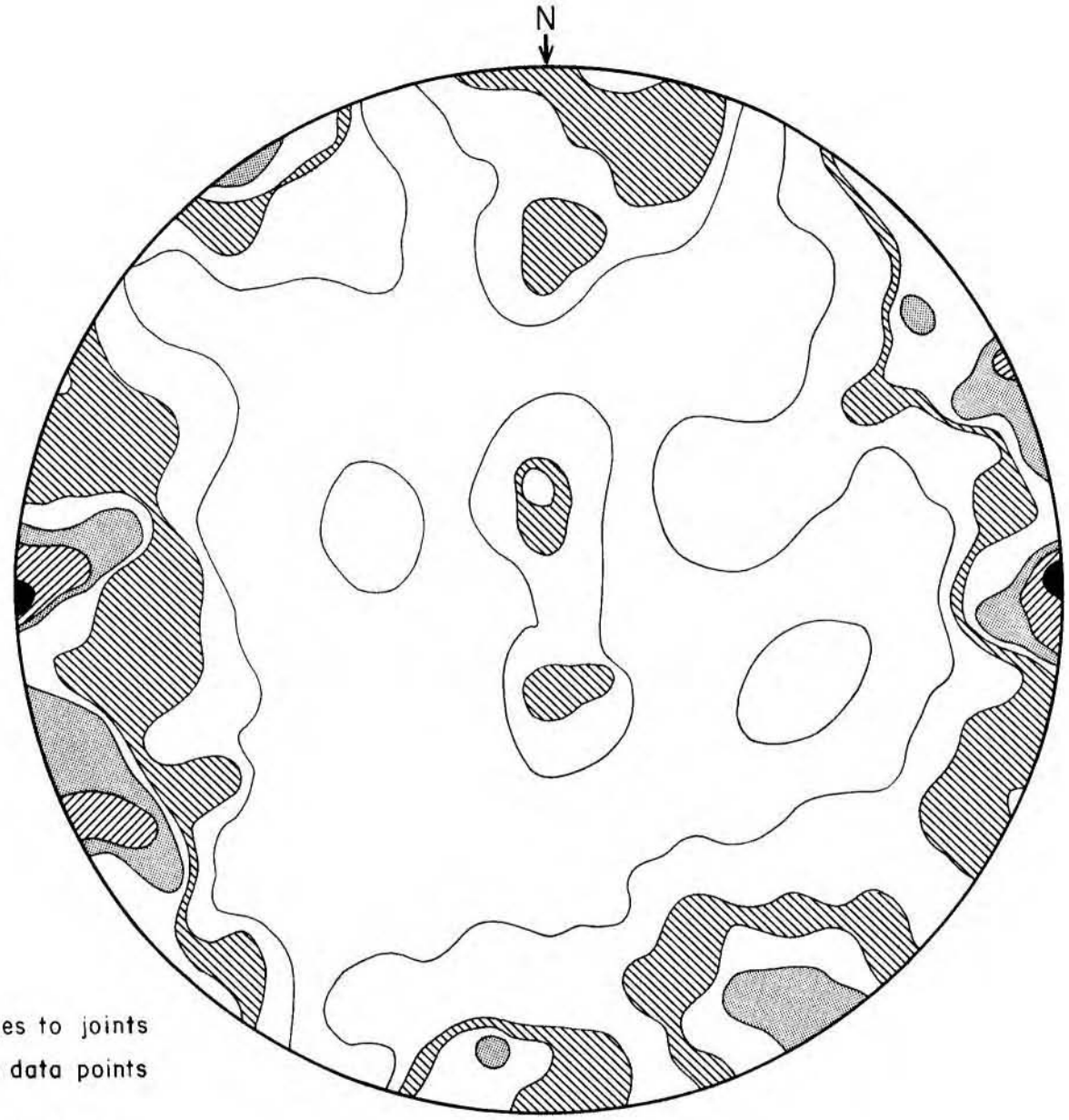
SAMPLE	LOCATION	TYPE	WIDTH	DESCRIPTION	Au (ppb) * = oz/t	Ag (ppm) * = oz/t	Cu (ppm)	Pb (ppm)	Zn (ppm)
05401	Road	grab		qtz, bo, feld, shst, diss py and po, goss	5	1.5	63	4	22
05402	Albion	grab	dump	py conc. in qtz., banded	1.144*	3.01*	1875	140	12
05403	Albion	chip	30 cm	F.W., ep string, diss py and mt, sil	40	1.5	442	65	92
05404	Albion	chip	40 cm	F.W., sil, ser, chl with 7 mm qv, py and mt	620	12.1	140	274	15
05405	Albion	chip	17 cm	sheared qv, box tex, ser, no mt	610	8.6	6	187	nd
05406	Albion	chip	33 cm	qv, pods of ser to 1 cm, box tex, no mt	nd	0.66*	16	125	1
05407	Albion	chip	25 cm	H.W., ser and sil, 1-2% diss py, no mt.	5	8.2	100	280	14
05408	Albion	chip	50 cm	H.W., feld to clay, intrusive tex, ep string, mt	5	4.2	136	48	59
05409	Bonanza	chip	1 m	70 cm qv, vug, diss py to 1%, two qv, 2 and 5 cm	2.038*	7.34*	316	3149	55
05410	Bonanza	chip	2 m	F.W., sil, ep as pods and string, mafics to chl, feld to clay, qv, mt	120	2.5	63	162	262
05411	Bonanza	chip	1 m	H.W., thin clay seams, 1 to 2 cm qv, intense alt of sy, ep, chl and clay	0.334*	1.87*	167	2844	302
05412	Inland/ Empire	grab	dump	serp, cc veins, 5mm mt string	10	1.2	8	13	13
05413	Inland/ Empire	grab	dump	qv, serp along frac, cc veins and pods, bo, goss	0.108*	2.80*	223	711	16
05414	Inland/ Empire	grab	dump	hfls, ep string, py and po, cc veins	5	1.0	10	11	76
05415	Inland/ Empire	grab	dump	brec, trem clasts, diss py, sil hfls mtrx	40	1.1	11	15	13

SAMPLE	LOCATION	TYPE	WIDTH	DESCRIPTION	Au (ppb) * = oz/t	Ag (ppm) * = oz/t	Cu (ppm)	Pb (ppm)	Zn (ppm)
05416	Inland/ Empire	grab	dump	carb alt, cc veins, diss py	20	0.7	8	24	76
05417	Berlin	grab	dump	qv, diss py and py agg to 6 mm, cc frac	0.130*	0.62*	8	155	5
05418	Berlin	grab	dump	py conc	220	1.13*	11	255	24
05419	Berlin	grab	dump	sil sy, ser, diss and vein py, ep string, qtz and cc vein to 5 cm	3498	3.4	21	58	31
05420	Berlin	grab	dump	alt sy, qtz and cc vein to 7 mm, diss py, ep	235	3.3	87	23	50
05421	Albion	chip	0.55 m	F.W., chl, ser and clay increase towards vein, minor clay rich gouge	160	1.8	104	11	41
05422	Albion	chip	1.35 m	qv, diss py, py bands, 9 cm wall rock inclusion	nd	3.0	165	82	6
05423	Albion	chip	1.02 m	H.W., sil, chl, qm, qv	340	4.0	448	115	20
05424	Albion	chip	1.7 m	H.W., sil qm, minor ser, clay, chl, ep, diss py, mt	nd	1.6	145	33	49
05425	Albion	grab	dump	py conc in qv	1.070*	3.43*	1244	135	nd
05426	Dubrovnik	chip	0.72 m	F.W.?, sil qm, chl and clay grades to chl away from vein	100	0.2	44	8	36
05427	Dubrovnik	chip	1.40 m	qv, minor ser and py, crude banding	0.196*	13.0	43	193	3
05428	Duluth	chip	0.60 m	qv, veinlets of py, vug	10	6.6	16	74	nd
05429	Duluth	grab	float	alt qm, multiple qtz and cc veins to 2 cm, py to 2%, chl frac	0.068*	1.30	24	9	24
05430	Iron Grid	grab	20 m	sil volc, overlain by ls, sil contact, py	20	0.9	152	10	25
05431	Iron Grid	grab		sil volc/ls contact, chert, po and py	5	0.7	54	6	28
05432	Iron Grid	grab		andesite ?, diss py and po	40	0.7	33	11	27

SAMPLE	LOCATION	TYPE	WIDTH	DESCRIPTION	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
					* = oz/t	* = oz/t			
05433	St. Thomas	chip	1.3 m	qv in ls, F.W. = leached marble, no sulphides	35	0.4	2	6	4
05434	Iron Claim	grab		alt qm, hematite	5	0.7	6	36	14
05435	Mt. Adit	chip	1.0 m	massive mt at sy/ls contact	5	1.2	16	323	133
05436	Mt. Adit	chip	1.0 m	shear, mt in shear, 30 cm gouge, diss py	nd	1.9	190	52	48
05437	Mt. Adit	grab		shear in alt sy	nd	1.2	17	22	163
05438	Mt. Adit	chip	2.0 m	mt, py, garnet, specular hematite, ep in sil volc	5	2.8	139	174	268
05439	Mt. Adit	chip	2.0 m	gouge/shear at ls/sy contact	5	0.7	61	24	45
05440	Mt. Adit	chip	0.8 m	mt, gouge, 20 cm garnet seam on F.W., ep	0.220*	7.9	97	2403	701
05441	St. Thomas (east)	chip	1.4 m	qv, py and chl frac, clay pods	10	0.3	32	44	51
05442	St. Thomas (east)	chip	1.6 m	qv, limonite stain	5	1.5	42	153	606
05443	St. Thomas (east)	chip	7.0 m	qv, alt wallrock, limonite stain	80	0.2	23	14	28
05444	St. Thomas (east)	grab		qv, sil volc, massive po with qtz and chl, cpy	15	0.3	607	28	31
05445	St. Thomas (east)	chip	1.4 m	qv, py seams, heavily oxidized	70	0.4	89	15	14
05446	St. Thomas (east)	chip	0.2 m	massive py along shear	0.042*	0.1	103	6	4
05447	St. Thomas (east)	chip	0.4 m	qtz and chl frac, minor py	205	0.4	59	35	41
05448	St. Thomas (east)	chip	1.25 m	qv, py and chl veinlets, py pods to 2 cm	115	0.3	66	14	20
05449	St. Thomas (east)	chip	0.9 m	qv, shear/gouge near F.W., massive py pods	155	0.4	38	9	34
05450	St. Thomas (east)	grab	dump	py conc in qtz	380	0.2	34	5	nd

SAMPLE	LOCATION	TYPE	WIDTH	DESCRIPTION	Au (ppb) * = oz/t	Ag (ppm) * = oz/t	Cu (ppm)	Pb (ppm)	Zn (ppm)
05451	Mt. Adit	grab		sil volc, po rich	5	0.9	178	22	14
05452	Mt. Adit	grab		sil volc, po to 2%, py	nd	1.6	54	86	46
05455	Iron Grid	grab		sil volc, diss py and po	5	0.4	42	9	17
05456	Iron Grid	grab		sil volc, chl and py frac, po	20	0.9	90	20	37
05457	Iron Grid	grab		qm/ls contact, sy dyke, diss py	nd	1.6	88	15	63
05458	George's Pit	chip	1.8 m	sil volc, diss po and py	10	1.2	66	20	33
05459	George's Pit	chip	2.7 m	sil volc, diss po and py	10	1.1	76	13	31
05460	George's Pit	chip	1.3 m	sil volc, diss po and py	5	0.9	47	11	41
05461	George's Pit	grab	dump	sil volc, diss po and py	5	1.1	44	13	29
05462	Amazon	grab	dump	qv, py and cpy, ep, volc inclusions	0.090*	1.6	66	51	42
05463	Amazon	grab	dump	qv with py	420	1.4	71	76	85
05464	Amazon	grab		py conc	0.274*	6.0	22	177	21
05465	Amazon	chip	0.5 m	0.4 m qv, 0.1 m shear on H.W., diss py	0.086*	4.9	107	299	422
05466	Amazon	chip	0.6 m	chl and sil volc, diss py	nd	0.9	54	23	163
05473	Cascade Rd	grab		qtz diorite, diss py	50	1.1	150	744	300
05474	Cascade Rd	grab		similar to 05473, less py	nd	0.3	33	38	53
05475	Berlin	grab	dump	qtz, py and gn	1.198*	11.61*	235	11002	257
05476	Iron Claim	chip	1.0 m	sil volc, diss py and	60	4.7	71	139	70
05477	Iron Claim	grab	0.5 m	ls, sil	15	0.1	12	52	12
05478	Iron Claim	grab	1.0 m	dacite at ls contact, sil, minor chl and clay	nd	0.9	74	19	30

SAMPLE	LOCATION	TYPE	WIDTH	DESCRIPTION	Au (ppb) * = oz/t	Ag (ppm) * = oz/t	Cu (ppm)	Pb (ppm)	Zn (ppm)
05479	Lucky 1	grab	2.0 m	sil volc with skarn, ep, graphite, py, po, and cpy	nd	0.7	15	19	15
05480	Lucky 1	grab	dump	sil ls, diss py	20	0.1	17	10	72
05481	Lucky 1	grab	dump	sil, chl volc, cc frac, ep, garnet, mt, diss py	90	1.1	48	231	41
05482	U.S.	grab	dump	qv with py pods	0.038*	8.4	6	82	22
05483	U.S.	grab	dump	qv, no sulphide	300	2.3	5	14	8
05484	U.S.	grab	dump	chl volc, ep, diss py	nd	0.7	26	6	89
05485	U.S. adit	grab	dump	qv, diss py	260	2.3	119	12	37
05486	Dubrovnik L 14	grab	float	qm with qv, chl and ep alt, no sulphides	nd	0.4	8	7	26
05487	Dubrovnik L 15	grab	float	qm, chl and ep alt	nd	0.1	18	8	70
05488	Duluth	chip	1.2 m	qv, rare diss py	120	0.4	9	4	44
05489	Duluth	chip	0.75 m	alt qm, ser, oxidized py	35	0.5	35	12	34
05490	Cascade Rd	grab		sy dyke, qtz, ep string minor py	10	0.3	7	8	42



Poles to joints
83 data points

LEGEND

- 7%
- 6%
- 5%
- 3.5%
- 2.5%
- 1%

BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

JOINT ORIENTATIONS

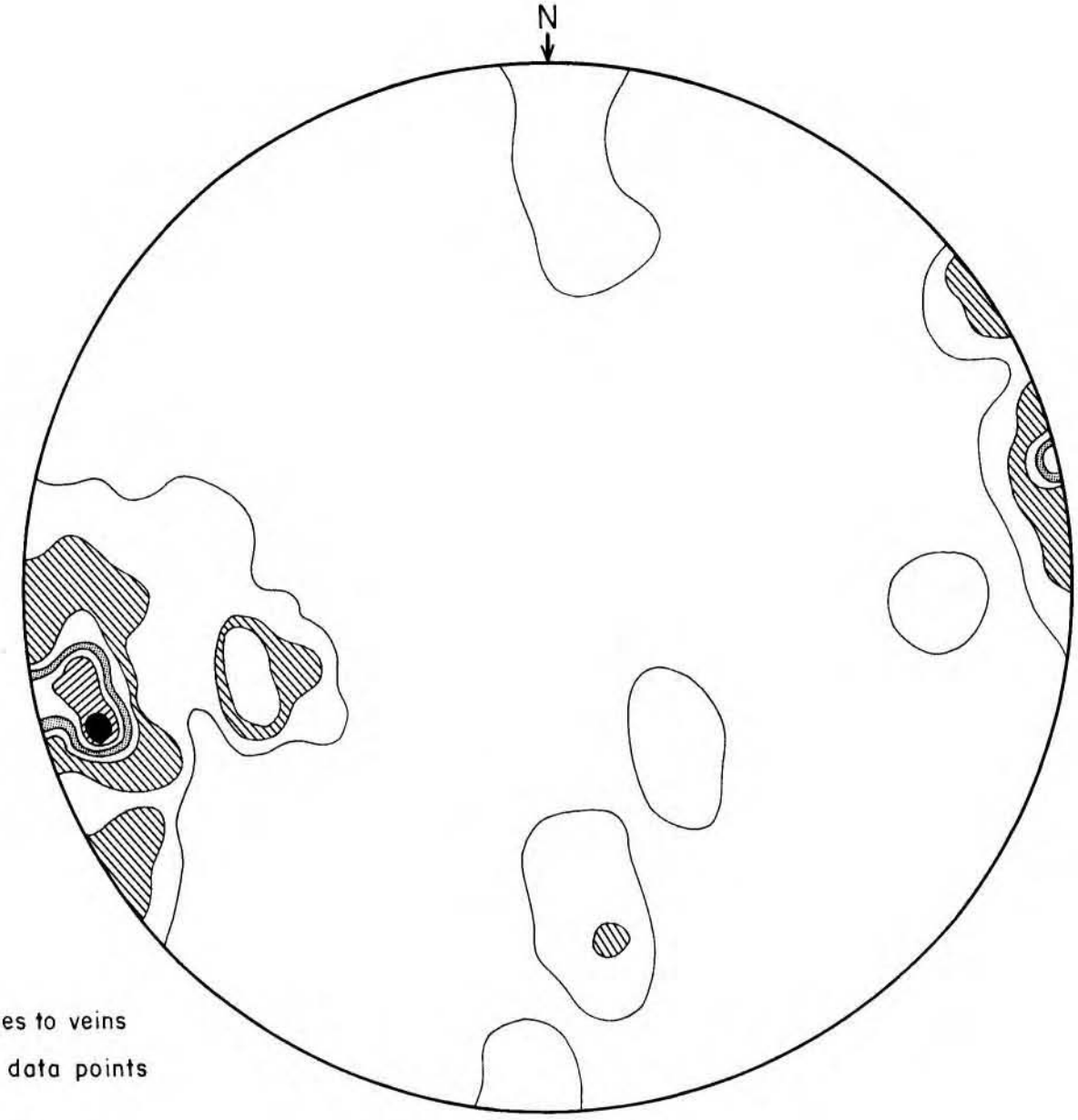
FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

82E/1E

AUGUST, 1985

FIGURE 3



Poles to veins

25 data points

LEGEND

28%

24%

20%

16%

12%

8%

4%

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

VEIN ORIENTATIONS

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

82E/1E

AUGUST, 1985

FIGURE 4

Country rock, in the vicinity of the quartz veins, has undergone varying degrees of hydrothermal alteration. Sericite and clay is pervasive within a few centimeters of the veins. This alteration decreases in intensity away from the veins, towards a propylitic envelope composed of chlorite as fracture filling and altered mafic crystals. Epidote is also associated with mineralized veins and occurs as stringers, clots and floods.

Observed footwall and hanging wall alteration zones obtained maximum widths of 0.7 m (2.3') and 2.7 m (8.9') respectively. Silicification occurs locally, but is not restricted to one side of the vein.

On the Albion showing, a trench hosted a 1.35 m (4.4') quartz vein with sparse disseminated pyrite. Footwall alteration consisted of abundant clay and sericite extending 10 - 15 cm (0.3' - 0.5') away from the vein. Propylitic alteration spanned 0.55+ m (1.8+'). Hanging wall alteration was more extensive, with 1.02 m (3.3') of sericite and clay within a 1.7 m (5.6') chlorite rich envelope. This alteration was not as extensive as described by previous samplers (Smith, 1984) and the grades were substantially lower. Smith's (1984) sampling returned 11.6 gm/tonne Au (0.339 oz/t) from the quartz vein itself. The 1985 sampling program yielded 340 ppb Au across 1.02 m (3.3') of hanging wall alteration. No gold was detected in the quartz vein material. The large discrepancy between values could be due to a nugget effect. Pyrite concentrates from the dump did return 38.9 and 36.4 gm/tonne Au (1.144 oz/t and 1.070 oz/t).

Other vein systems in the quartz monzonite also carry significant gold values. The Dubrovnik vein returned 6.7 gm/tonne Au (0.196 oz/t) over 1.4 m (4.6') of pyrite bearing quartz vein. A 1.0 m (3.3') quartz vein with pyrite, on the Bonanza vein system, yielded 69.3 gm/tonne Au (2.038 oz/t) and the associated hanging wall alteration zone assayed 11.4 gm/tonne (0.334 oz/t) over 1.0 m (3.3').

Vein systems proximal to the volcanic contact (Alice L/Berlin, and Inland Empire) returned high gold and silver values from dump material (Alice L/Berlin = 40.7 gm/tonne Au (1.198 oz/t) and 394.7 gm/tonne Ag (11.61 oz/t);

Inland Empire = 3.7 gm/tonne Au (0.108 oz/t) and 95.2 gm/tonne Ag (2.80 oz/t)). These veins carry higher concentrations of Pb (11,000 ppb) with moderate copper and zinc. Nickel, chromium and bismuth are also substantially higher near the contact.

Outcrops in the vicinity of the Inland Empire were sparse. Serpentinite, cross-cut by random magnetite seams, was noted on the dump. This could account for the high Ni and Cr values associated with deposits in this area. Values up to 3.4 gm/tonne Au (0.101 oz/t) were reported from magnetite samples (Smith, 1984). Recent sampling returned only 10 ppb.

The Amazon quartz vein occurs within Rossland (?) volcanics. Gold values are associated with pyrite and chalcopyrite bearing veins. A pyrite concentrate returned 9.3 gm/tonne Au (0.274 oz/t). A 0.5 m (1.6') chalcopyrite bearing quartz vein assayed 2.9 gm/tonne Au (0.086 oz/t).

Few veins on the property have been developed for any substantial strike length. Figure 2 illustrates that the Amazon, Dubrovnik and several adits, shafts and cuts developed between them may lie along the same vein system. This would indicate a 1500 m (4900') strike length.

East - west trending quartz veins occur at limestone - volcanic contacts on the Iron and Nugget claims. A 0.2 m (0.65') massive pyrite seam, from the East St. Thomas showing, yielded 1.4 gm/tonne Au (0.042 oz/t). All other elements, except As (500 ppb), were low.

Skarn Deposits

Skarn showings are developed on the southern part of the Iron claim group, where thin limestone lenses have been intruded by Coryell syenite - quartz syenite. These skarn showings are often silicified and typically contain garnet, epidote, pyroxene, minor potassium feldspar and graphite. Magnetite and pyrite occur locally.

Three pits and a small adit expose a skarn showing near the Nugget 4 and Nugget 5 claim boundary (Figures 2 and 5). In one pit, a 0.7 m (2.3') wide

magnetite seam oriented 260°/64°N, assayed 7.8 gm/tonne Au (0.220 oz/t) and 7.9 ppm Ag. Significant amounts of Pb, Bi, Mn and Zn are also associated with this sample.

The extent of these skarn showings is uncertain. Pods and lenses of limestone were traced to the west for 1.5 km. Pits and open cuts exposed skarnified rocks on the Lucky 1 mineral claim. Low, but anomalous gold values (90 ppb) were associated with this zone.

Silicified Volcanics

A belt of rust weathering, intermediate to felsic volcanics extends across the Iron claim, to the north and south of the limestone unit hosting the St. Thomas vein system (Figures 2 and 5). Pyrrhotite +/- pyrite are ubiquitous throughout this zone. Only low gold values (40 ppb) have been obtained from the limestone - volcanic contact area.

Mineralization Model

Strong similarities exist between mineralization exposed on Granville Mtn. and the Beaverdell Camp in south - central British Columbia. In the Beaverdell area, silver +/- gold rich veins are hosted by Jurassic - Cretaceous Nelson equivalent intrusives. These horsetail into Permian (?) Anarchist meta-sediments and meta-volcanics (Watson and Godwin, 1985). Mineralization is Eocene in age and is genetically related to the Coryell intrusive event. The more competent Nelson granodiorite was preferentially fractured and acted as host to the mineralizing fluids. Few veins are found within the Eocene Coryell quartz monzonite.

In the Granville Mtn area, veins are preferentially developed in the competent Jurassic - Cretaceous Nelson (?) quartz monzonite and to a lesser extent in the volcanic and sedimentary pendant rocks. The age of the mineralization has yet to be determined, but it is thought to be related to the emplacement of the Eocene Coryell syenites and quartz syenites.

GEOPHYSICS

Introduction

A total of twenty four orientation lines (5.2 line kilometers) were established and evaluated utilizing VLF/EM and/or magnetometer (Figure 5, Figures 6 to 30). These were completed in conjunction with soil geochemistry to determine the feasibility of the following:

1) further delineation along surface of the trace of known vein systems,

2) definition of a possible vein location in the vicinity of the E&B 'Dubrovnik soil anomaly' (Kruchkowski, 1981),

3) location of the serpentinite and old workings on the Inland Empire,

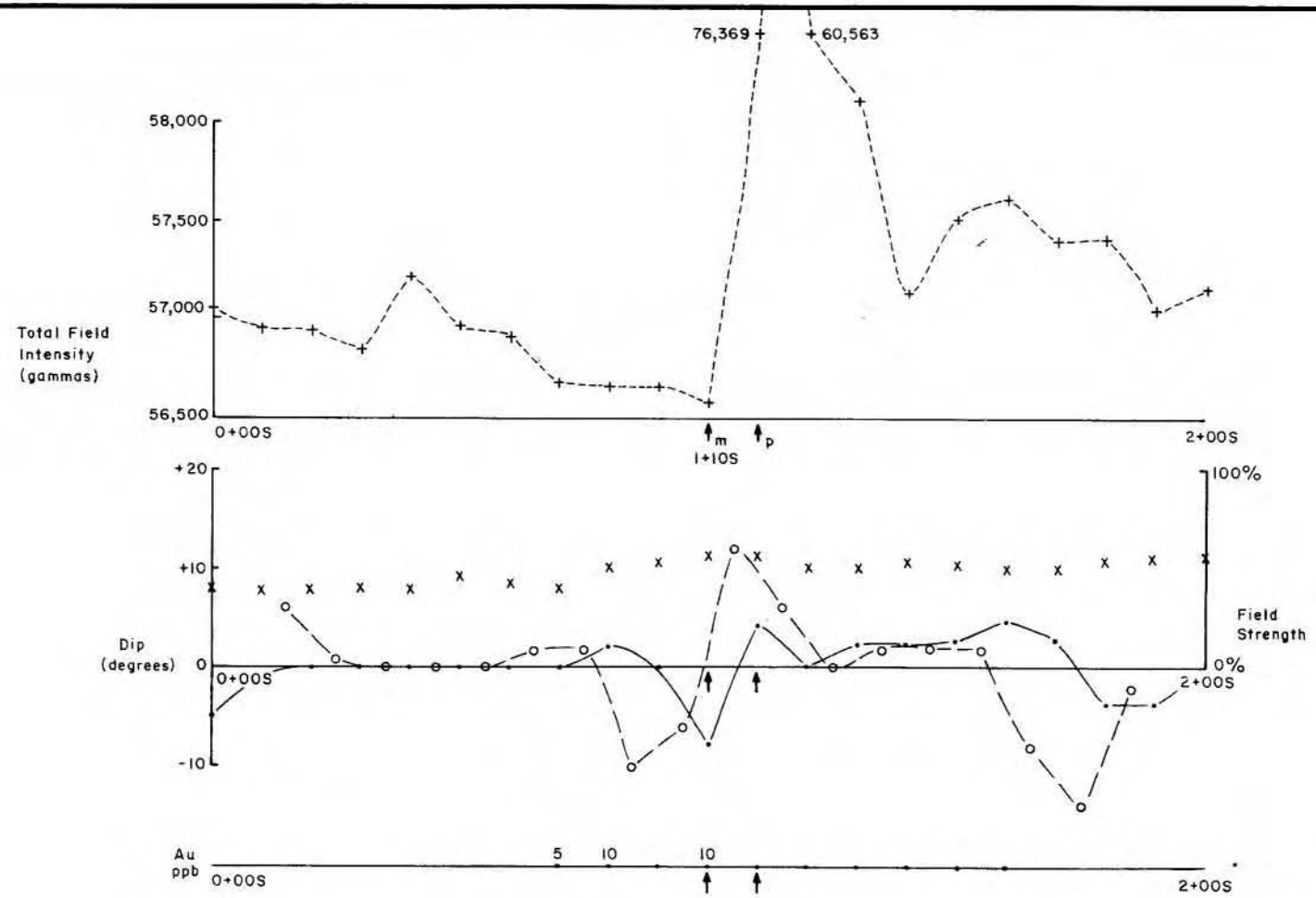
4) definition of geological contacts deemed favourable for mineralization and

5) definition of structural trends and/or orientations of known showings.

Evaluating the vein systems required coverage in 5 meter intervals, while all other lines were completed using 10 meter stations.

Procedure - Magnetometer

A Scintrex MP-2 Proton Precession Magnetometer was utilized to survey all of the established orientation lines. Results were corrected such that each of the three areas surveyed (Iron Claims; Inland Empire; Albion - Dubrovnik) were internally consistent. Area to area readings are not comparable. This is due



Line Azimuth 160°

$\uparrow_m$: magnetite adit

$\uparrow_p$: pit

VLF Tx: Seattle

Gain: 23

0 10 20
metres

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER - VLF
SOIL GEOCHEMISTRY
LINE 1 - MT. ADIT

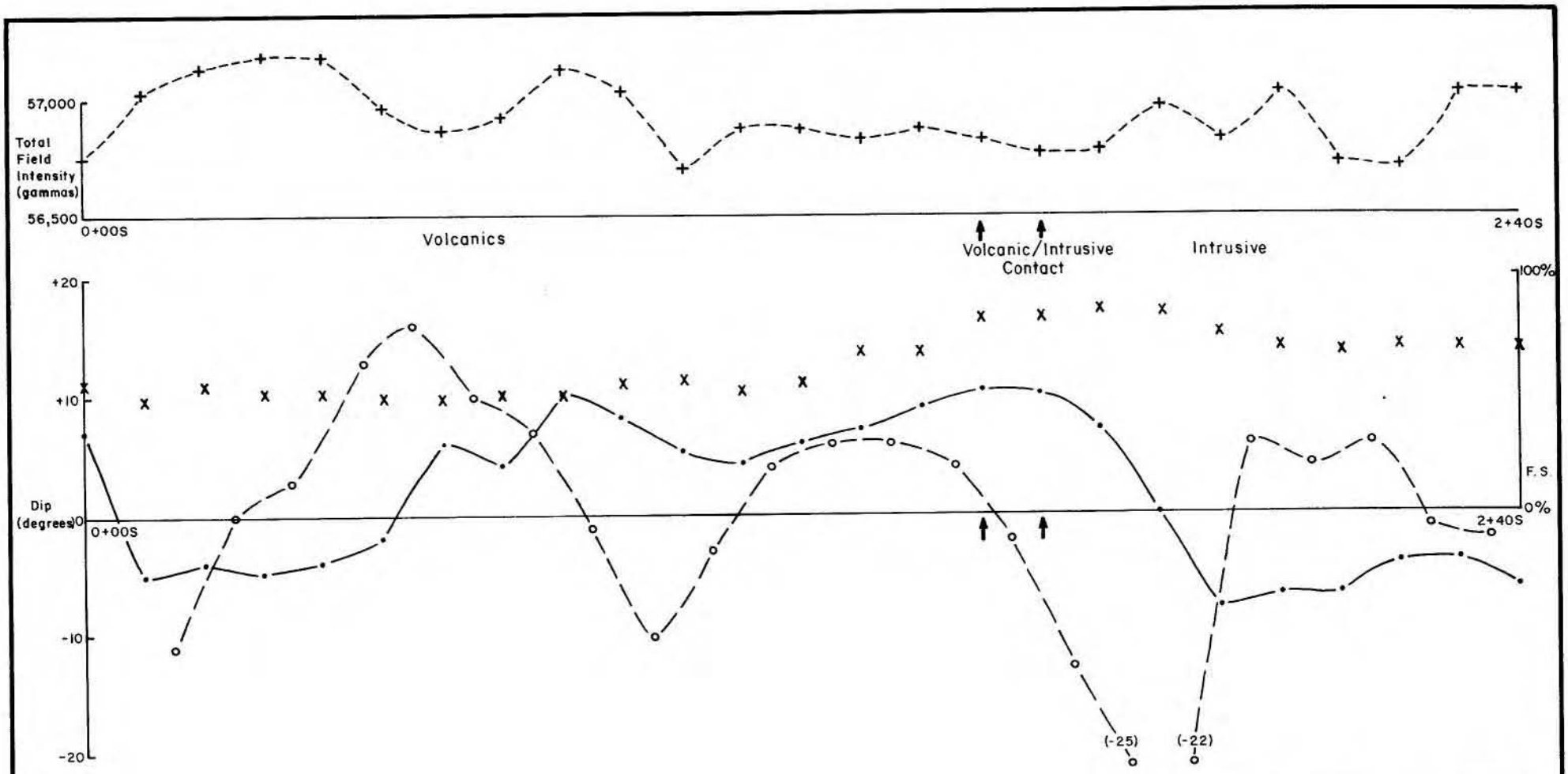
FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

≈1:1325 | 82E/1E

AUGUST, 1985

FIGURE 6



Line Azimuth 180°
VLF Tx: Seattle
Gain: 25.5

0 10 20
metres

BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

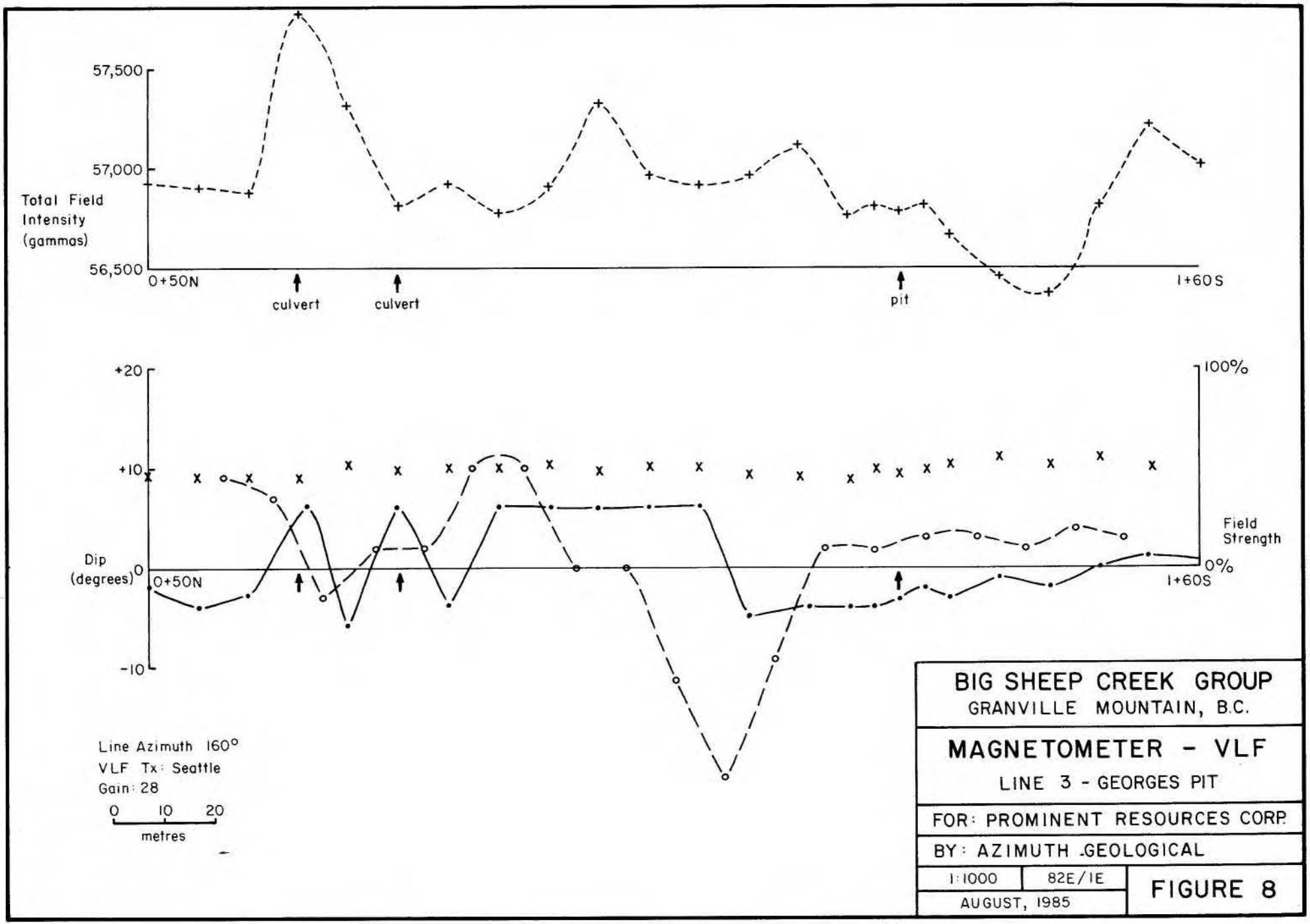
MAGNETOMETER - VLF
LINE 2 - IRON GRID

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E
AUGUST, 1985	

FIGURE 7



BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

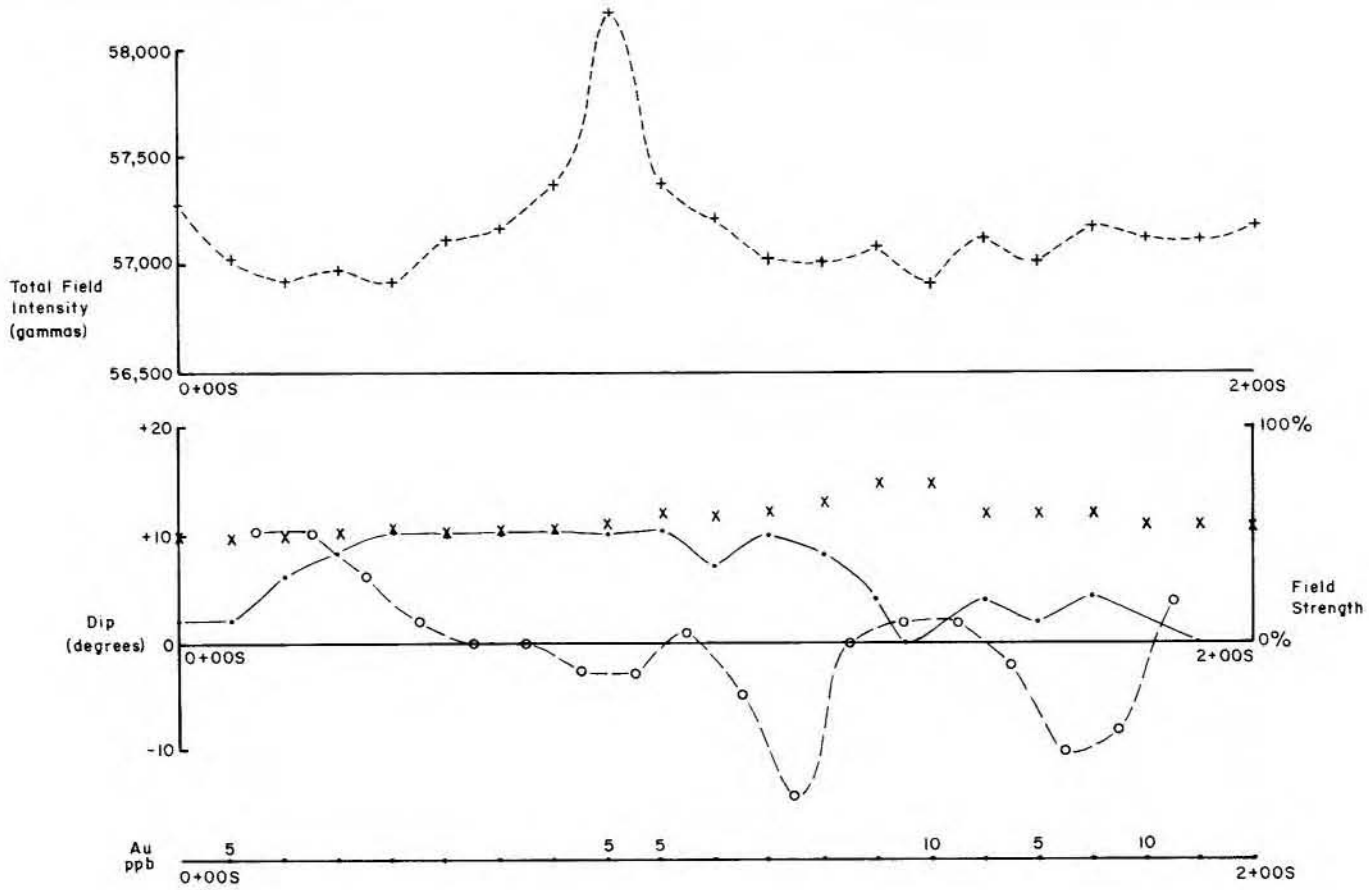
MAGNETOMETER - VLF
LINE 3 - GEORGES PIT

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E
AUGUST, 1985	

FIGURE 8



Line Azimuth 180°

VLF Tx: Seattle

Gain : 30

0 10 20

metres

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER - VLF
SOIL GEOCHEMISTRY
LINE 4 - INLAND EMPIRE

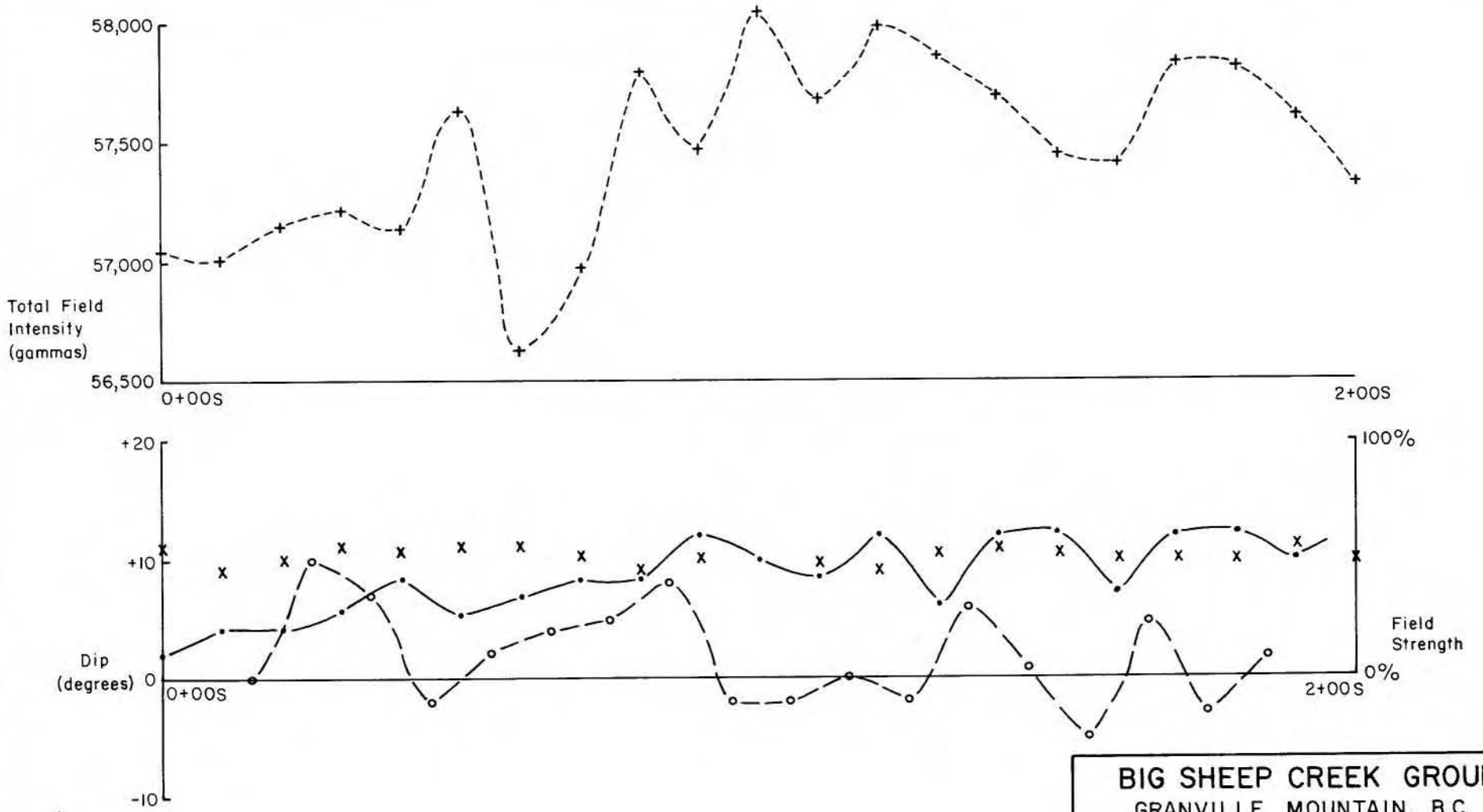
FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

≈ 1:1325 | 82E/1E

AUGUST, 1985

FIGURE 9



Line Azimuth 180°
VLF Tx: Seattle
Gain: 30

0 10 20
metres

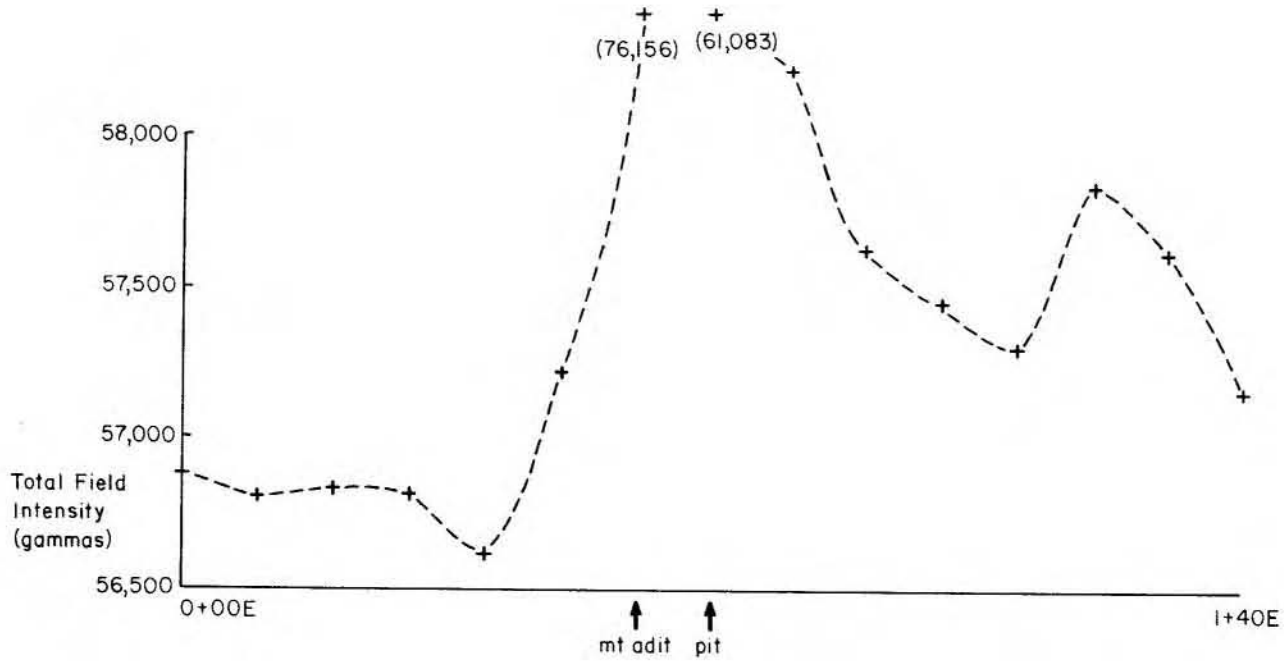
BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER - VLF
LINE 5 - INLAND EMPIRE

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E	FIGURE 10
AUGUST, 1985		



Line Azimuth 090°

0 10 20

metres

BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

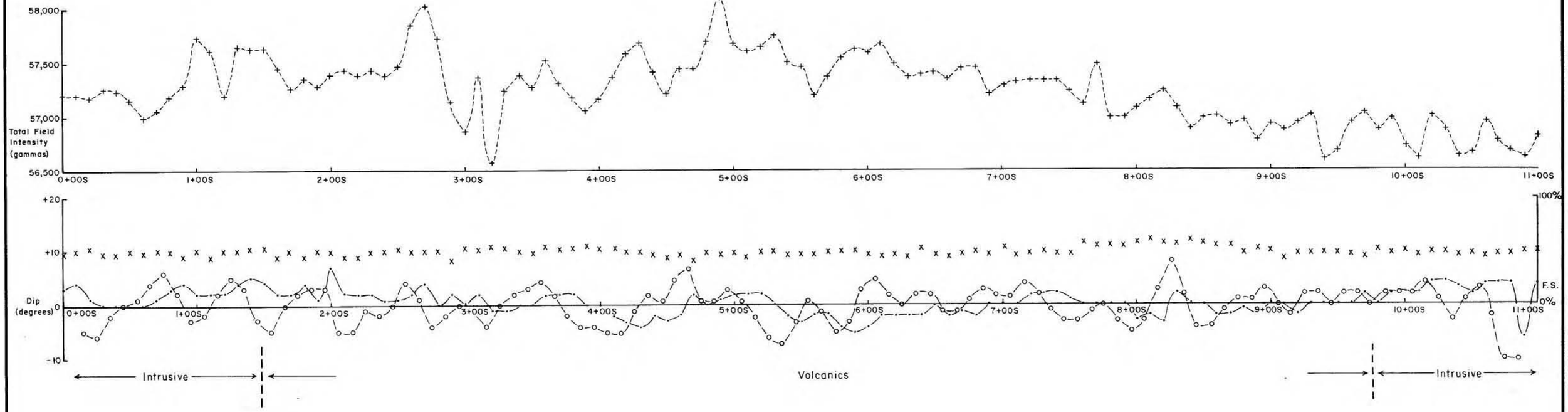
MAGNETOMETER
LINE 6 - MT. ADIT

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E
AUGUST, 1985	

FIGURE 11



Line Azimuth 140°-160°

VLF Tx: Seattle

Gain: 26

0 20 40
metres

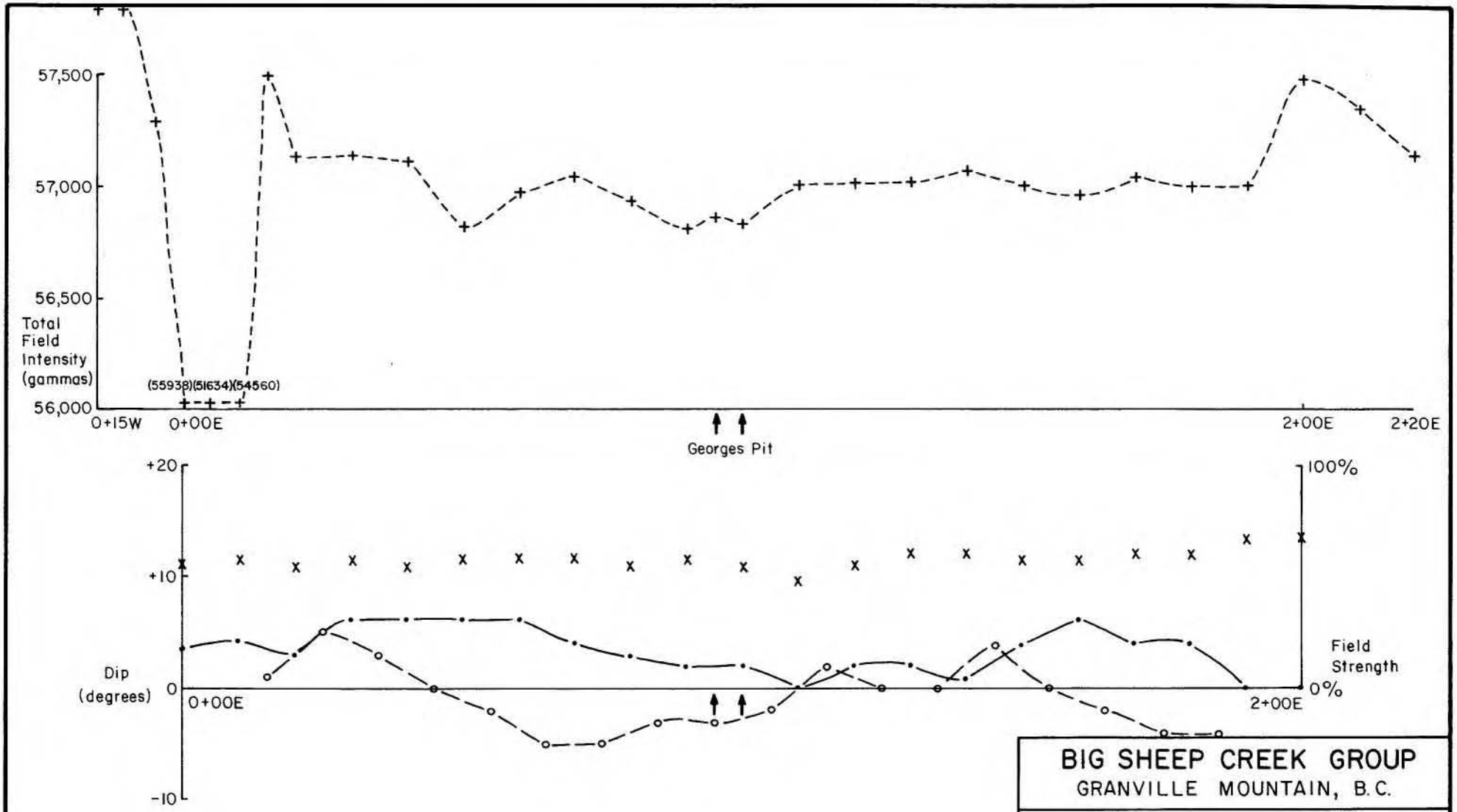
BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER - VLF
LINE 7 - CASCADE ROAD

FOR: PROMINENT RESOURCES LTD.

BY: AZIMUTH GEOLOGICAL

≈1:2650	82E/1E	FIGURE 12
AUGUST, 1985		



BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

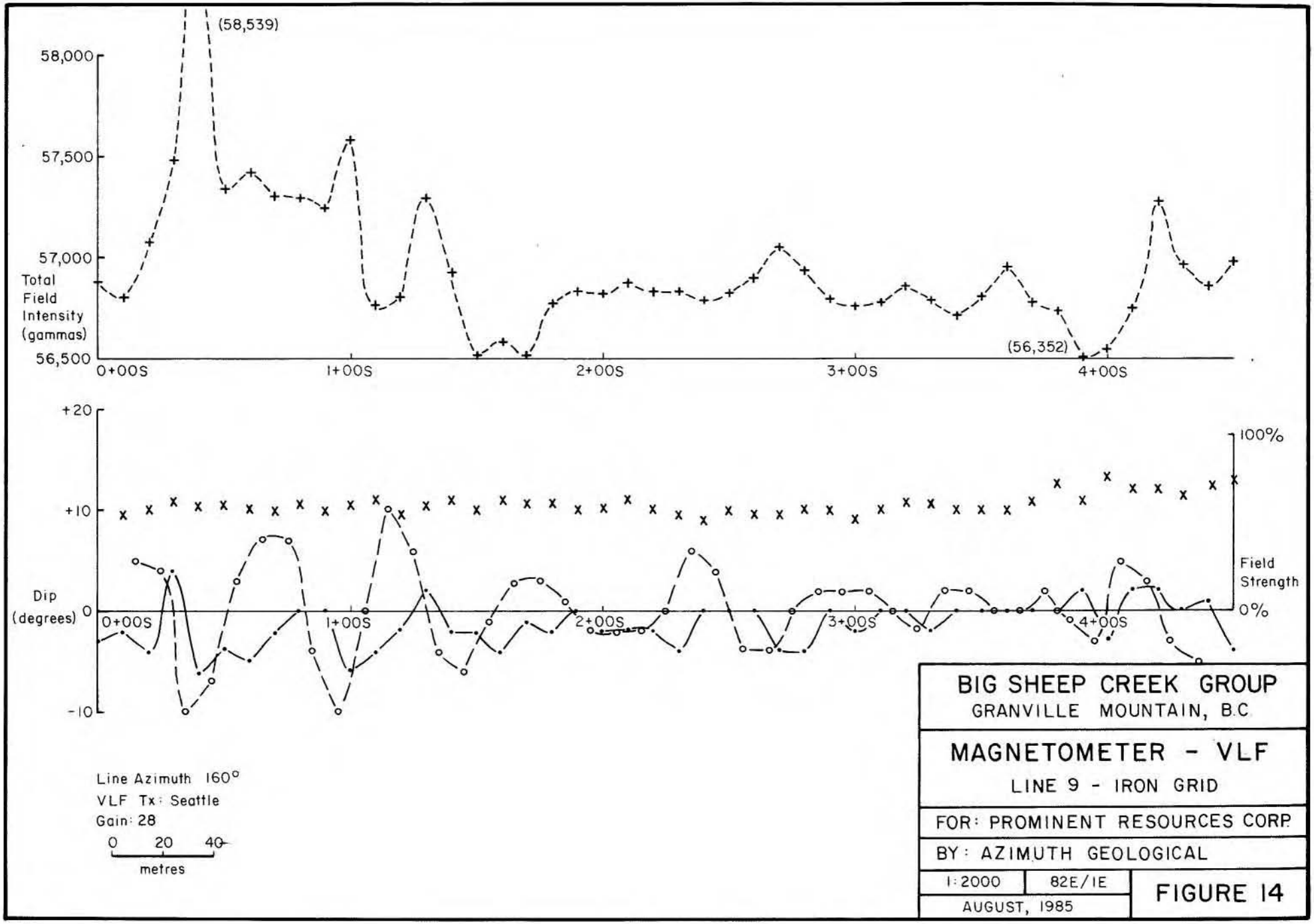
MAGNETOMETER - VLF
LINE 8 - GEORGES PIT

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E
AUGUST, 1985	

FIGURE 13



BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C

MAGNETOMETER - VLF
LINE 9 - IRON GRID

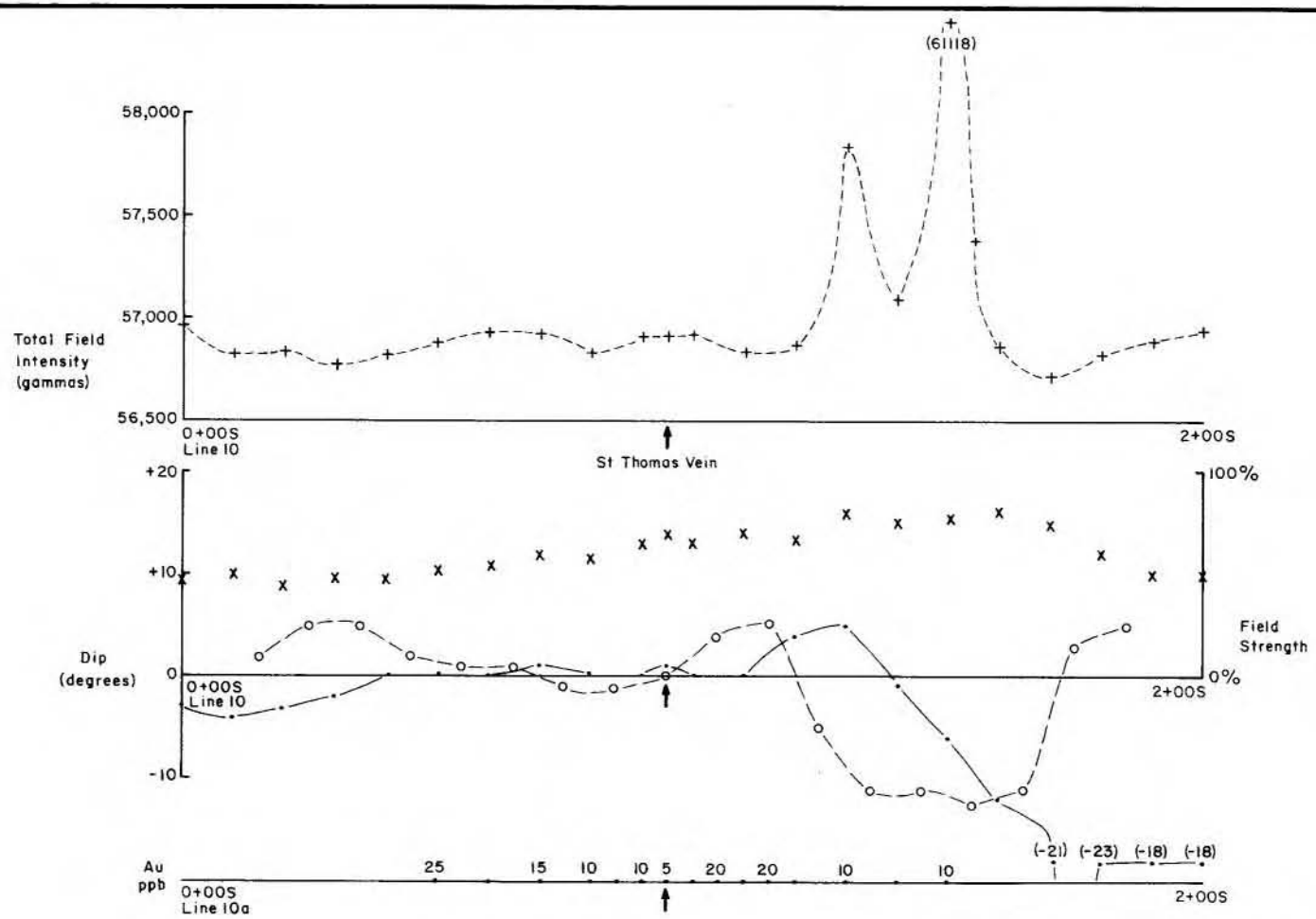
FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:2000 | 82E/1E

AUGUST, 1985

FIGURE 14



Line Azimuth 160°

VLF Tx: Seattle

Gain: 30

0 10 20

metres

BIG SHEEP CREEK GROUP

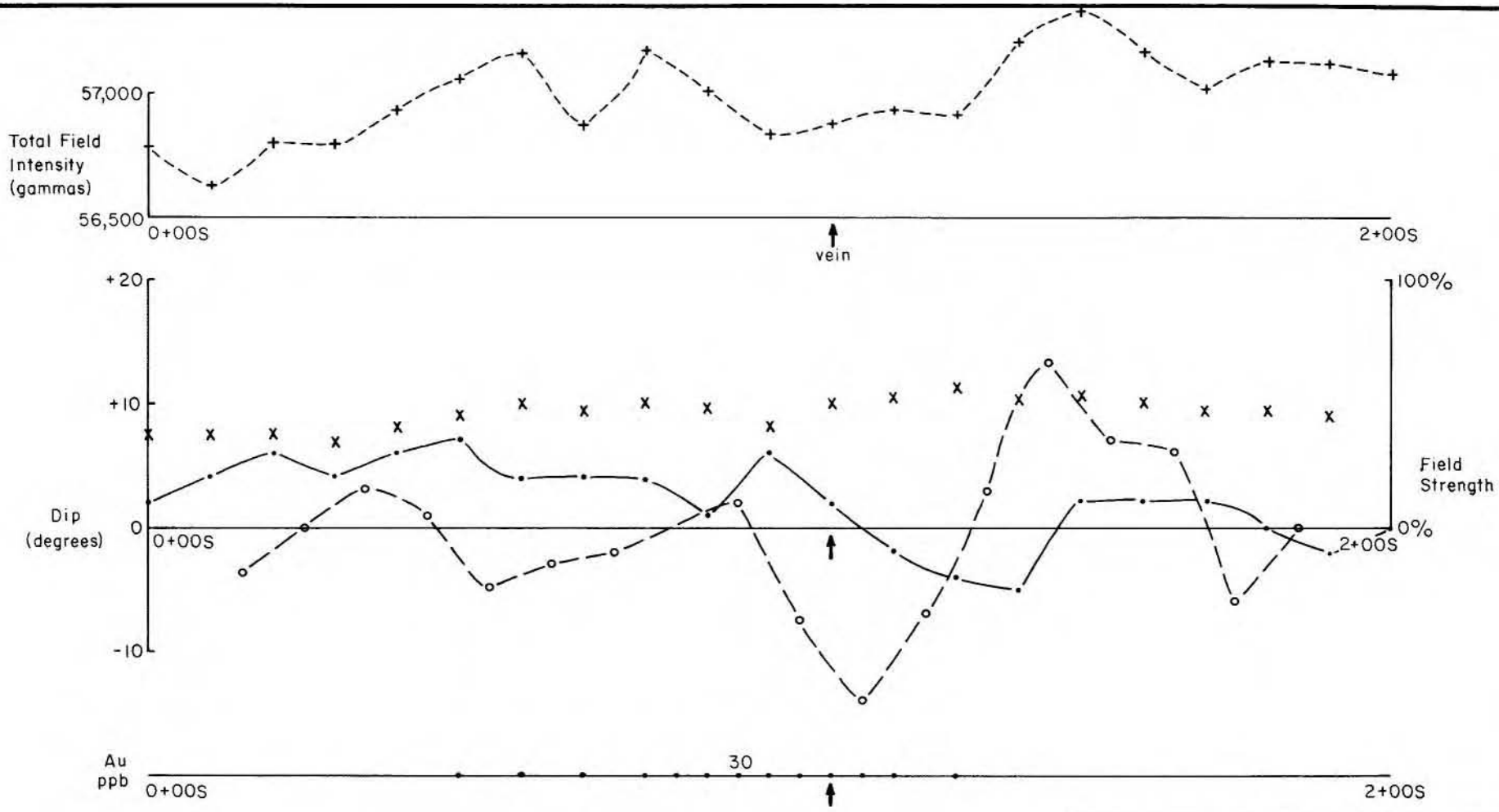
GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER - VLF
SOIL GEOCHEMISTRY
LINE 10/10a - ST THOMAS VEIN

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

≈1:1325	82E/1E	FIGURE 15
AUGUST, 1985		



Line Azimuth 160°

VLF Tx: Seattle

Gain: 24

0 10 20

metres

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

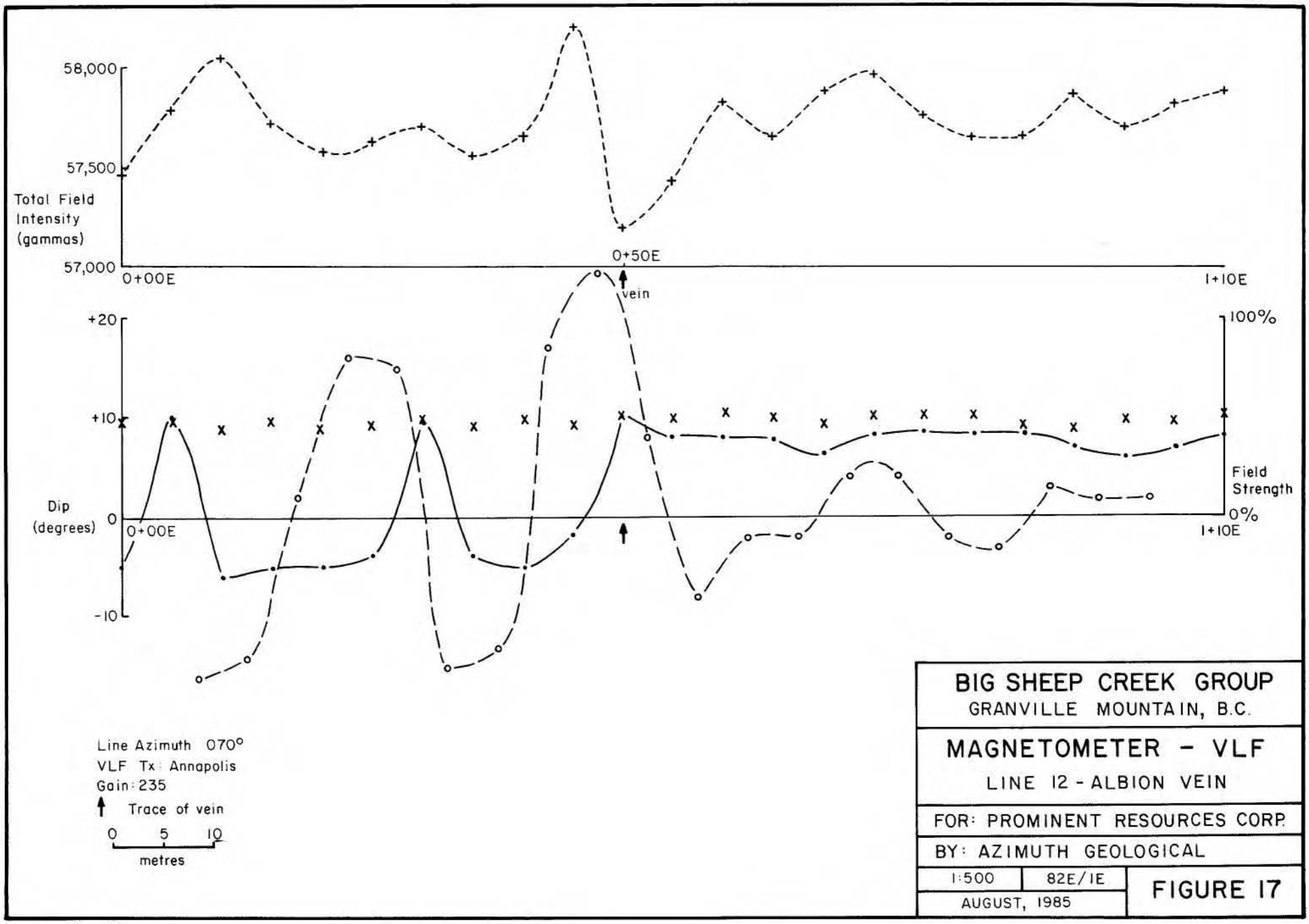
MAGNETOMETER - VLF
SOIL GEOCHEMISTRY
LINE 11 - EAST OF ST. THOMAS VEIN

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E
AUGUST, 1985	

FIGURE 16



BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

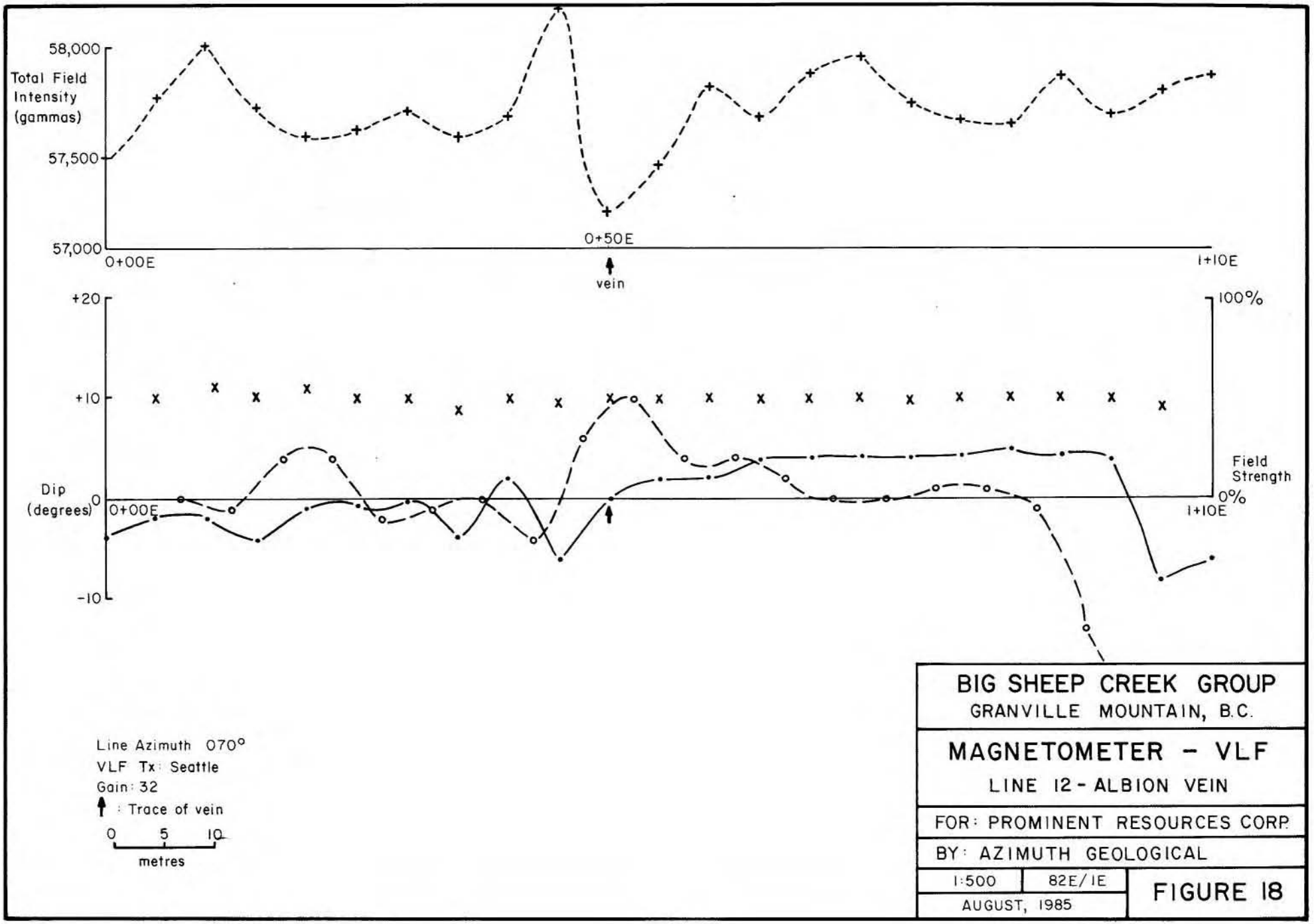
MAGNETOMETER - VLF
LINE 12 - ALBION VEIN

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:500	82E/1E
AUGUST, 1985	

FIGURE 17



BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER - VLF

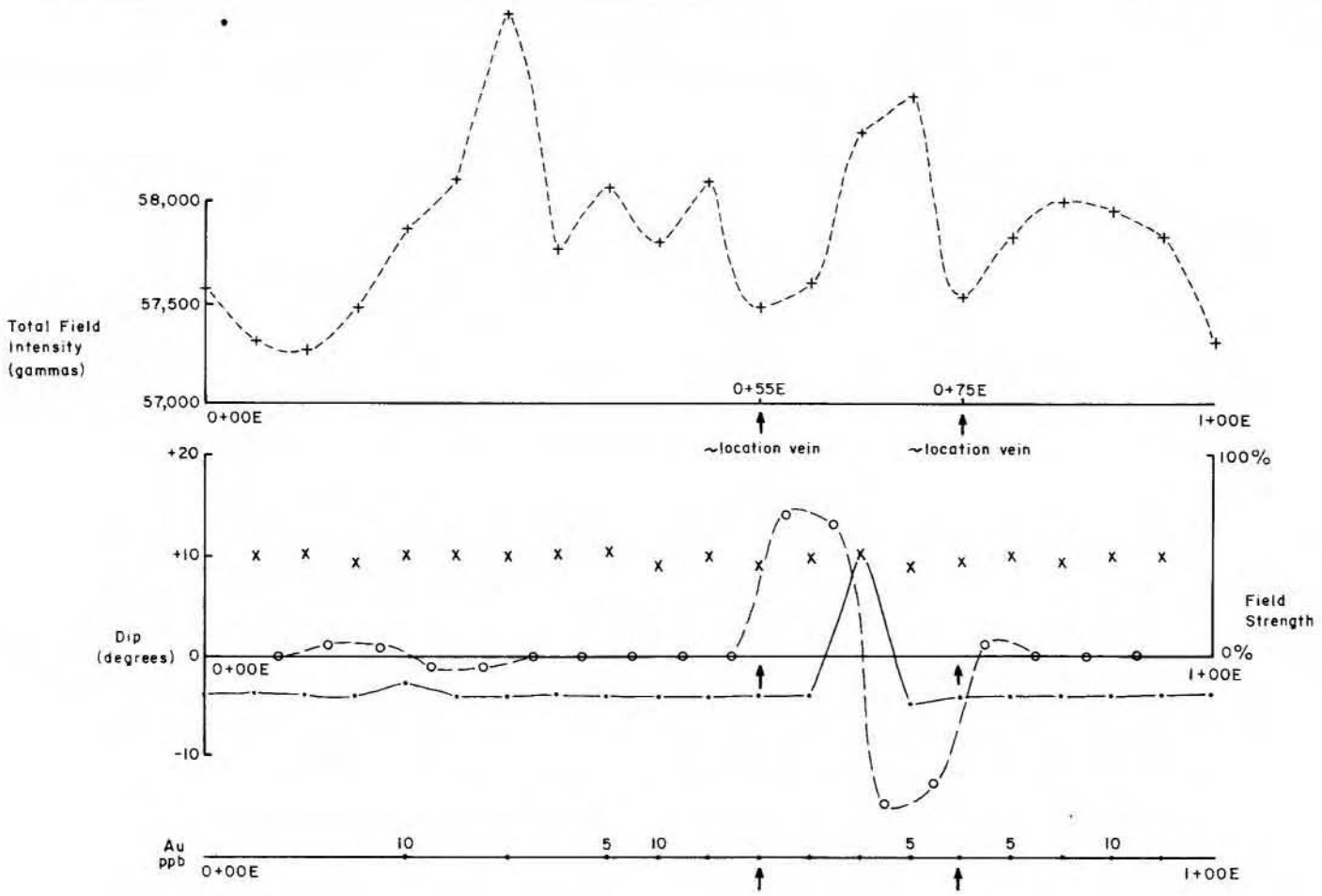
LINE 12 - ALBION VEIN

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:500	82E/1E
AUGUST, 1985	

FIGURE 18



Line Azimuth 070°

VLF Tx: Annapolis

Gain : 235

0 5 10

metres

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

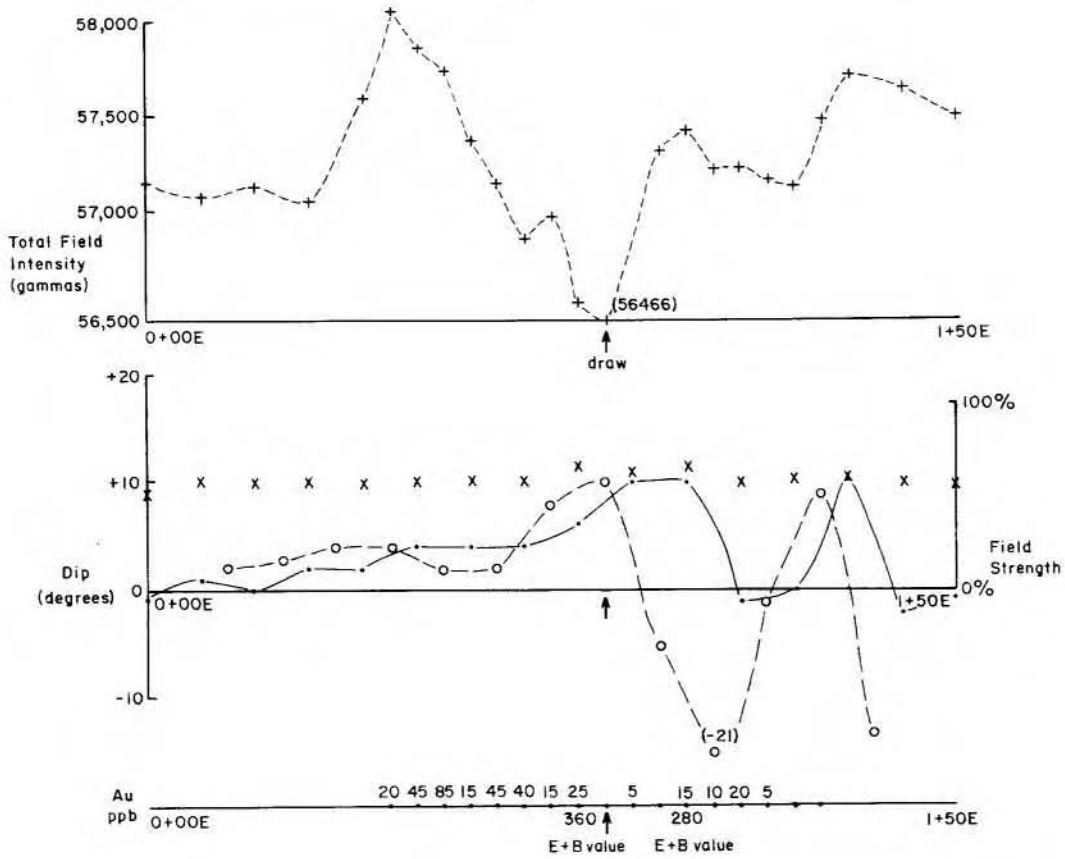
MAGNETOMETER - VLF
SOIL GEOCHEMISTRY
LINE 13 - ALBION VEIN

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

≈1:650	82E/1E
AUGUST, 1985	

FIGURE 19



Line Azimuth 090°

VLF Tx: Annapolis

Gain : 267

0 10 20

metres

45 ppb Au 1985 survey

160 ppb Au 1981 survey (Kruchkowski, 1981)

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER - VLF

SOIL GEOCHEMISTRY

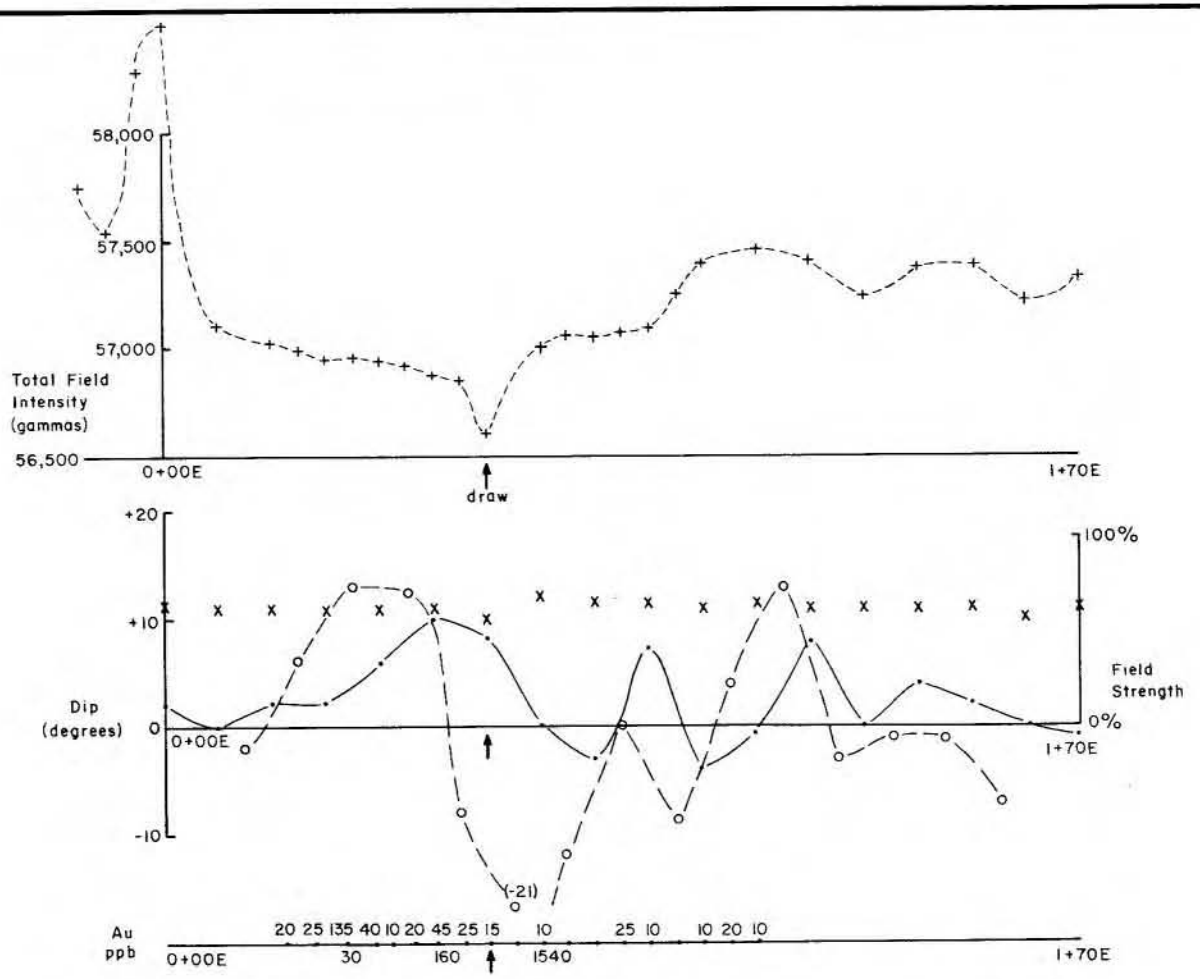
LINE 14 - DUBROVNIK SOIL ANOMALY

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

≈ 1:1325 | 82E/1E | AUGUST, 1985

FIGURE 20



Line Azimuth 090°

VLF Tx: Annapolis

Gain : 267

0 10 20

metres

45 ppb Au 1985 survey

160 ppb Au 1981 survey (Kruchkowski, 1981)

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

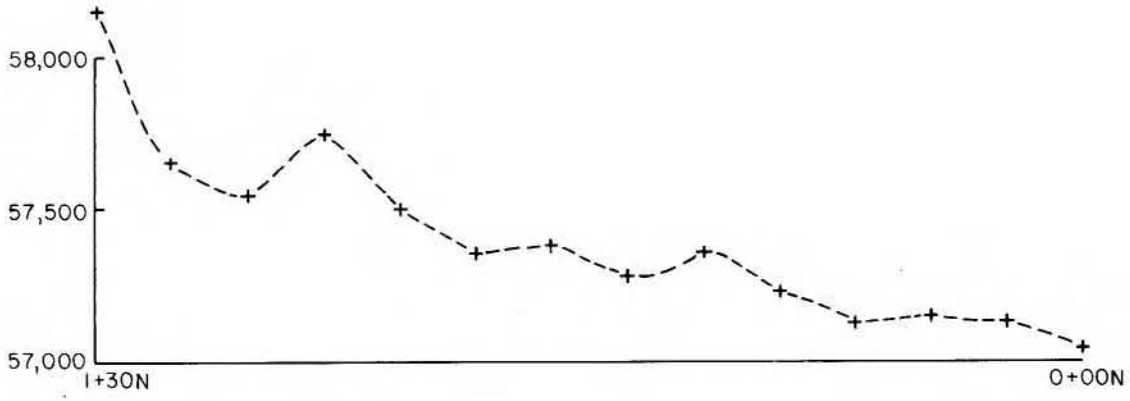
MAGNETOMETER - VLF
SOIL GEOCHEMISTRY

LINE 15 - DUBROVNIK SOIL ANOMALY

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

≈ 1:1325	82E/1E	FIGURE 21
AUGUST, 1985		



Line Azimuth 160°

0 10 20

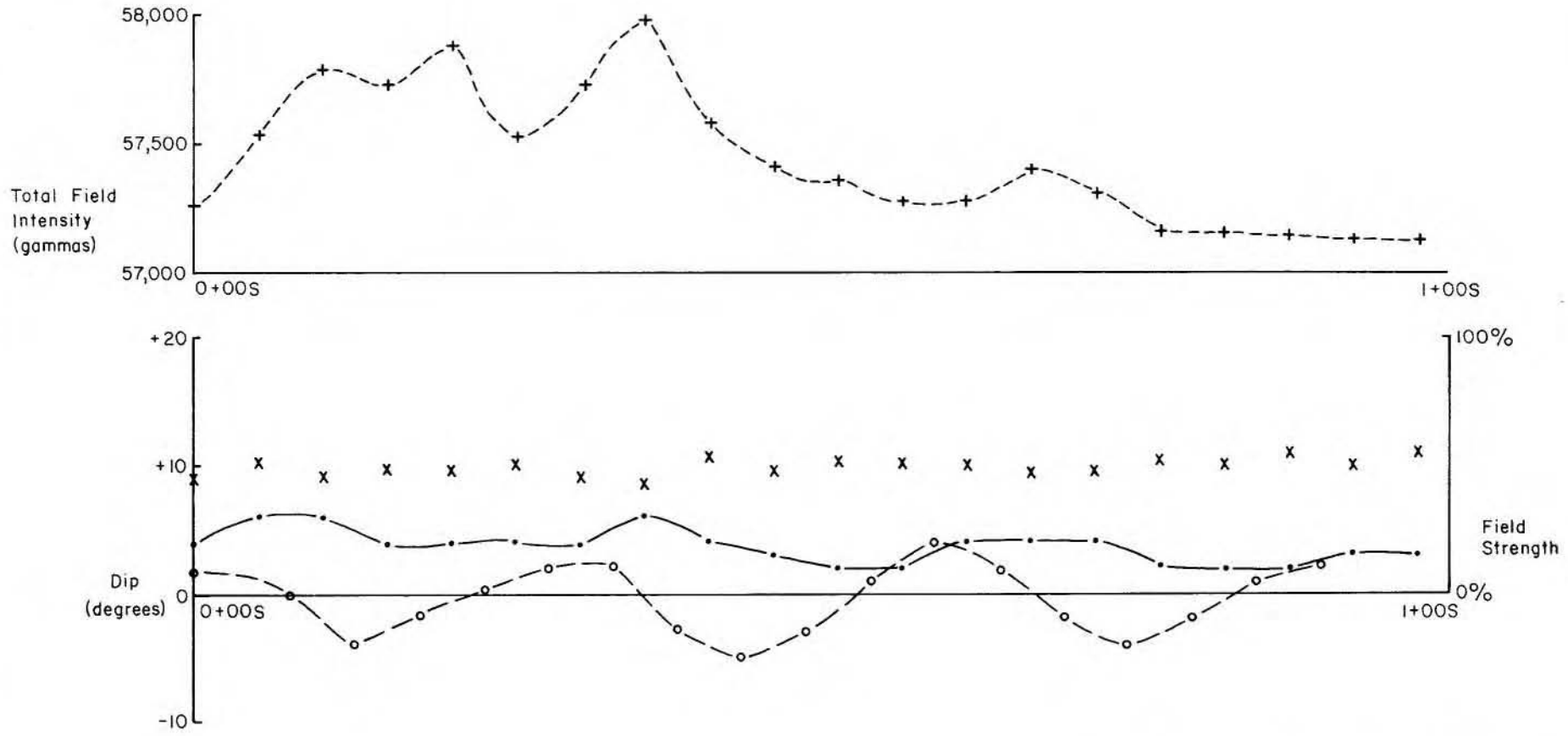
BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER
LINE 16 - WEST OF #05401

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E	FIGURE 22
AUGUST, 1985		



Line Azimuth 160°
VLF Tx: Seattle
Gain: 32

0 10 20
metres

BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

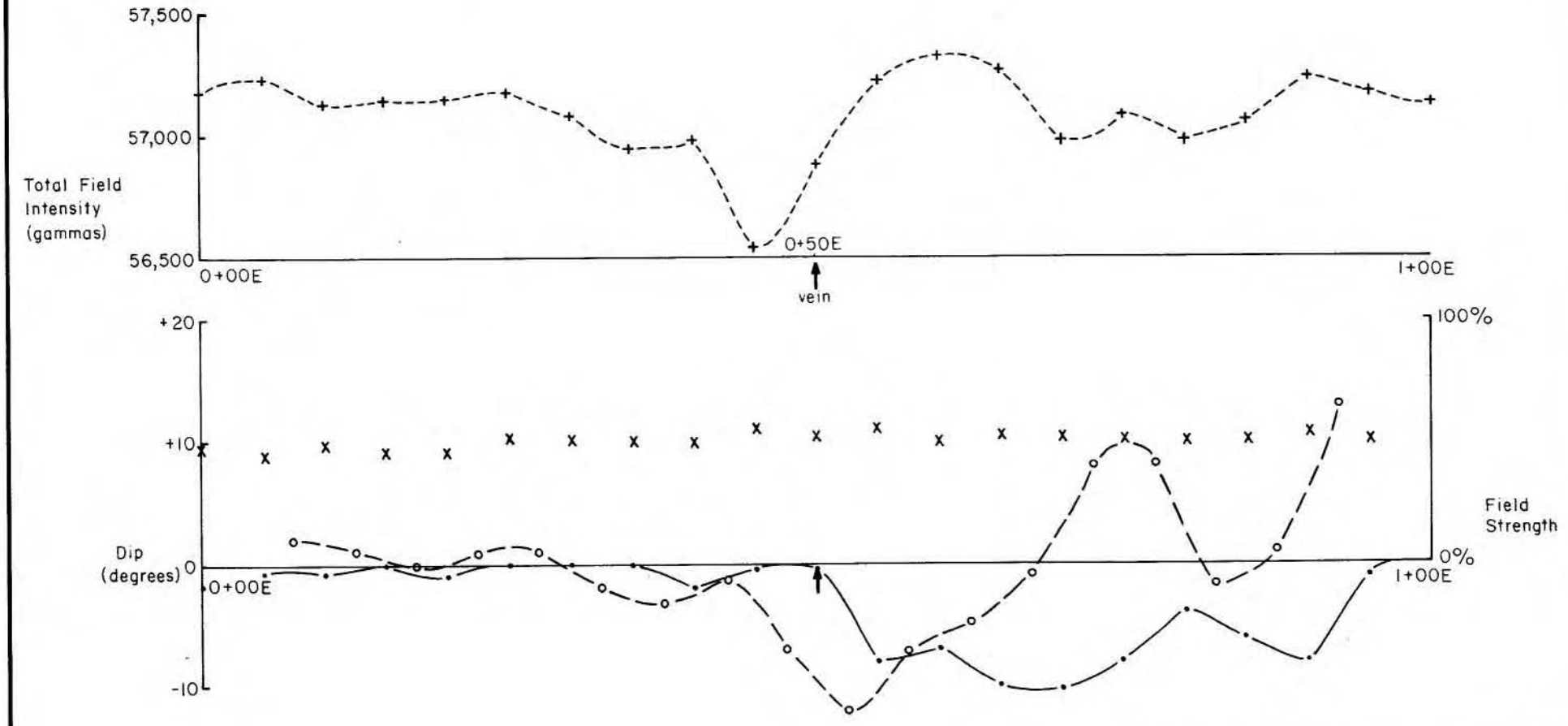
MAGNETOMETER - VLF
LINE 17 - EAST OF #05401

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E
AUGUST, 1985	

FIGURE 23



Line Azimuth 070°
VLF Tx: Annapolis
Gain: 237
↑ : Trace of vein

0 5 10
metres

BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

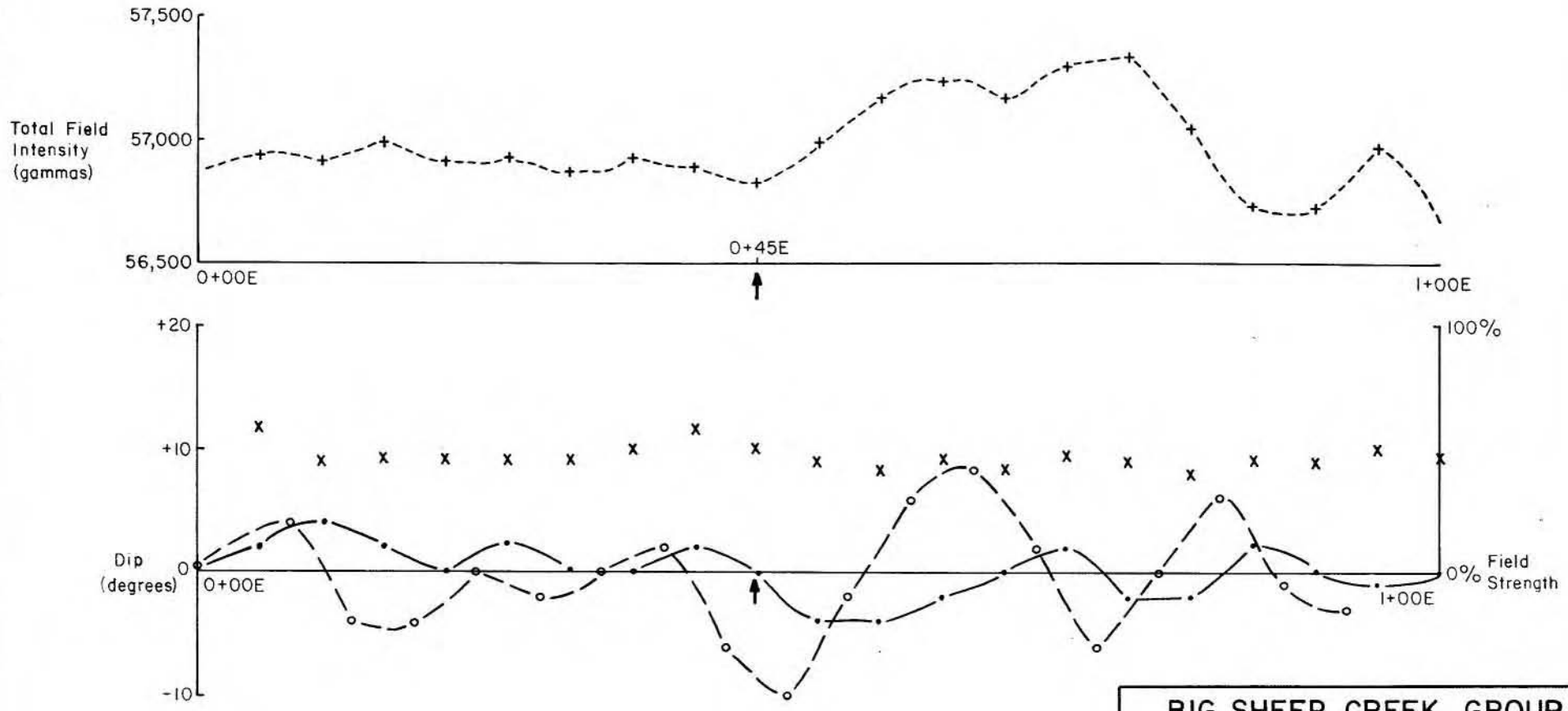
MAGNETOMETER - VLF
LINE 18 - ALICE L. VEIN

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:500	82E/1E
AUGUST, 1985	

FIGURE 24



Line Azimuth 070°
VLF Tx: Annapolis
Gain: 234
↑ : Trace of vein (uncertain)

0 5 10
metres

BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

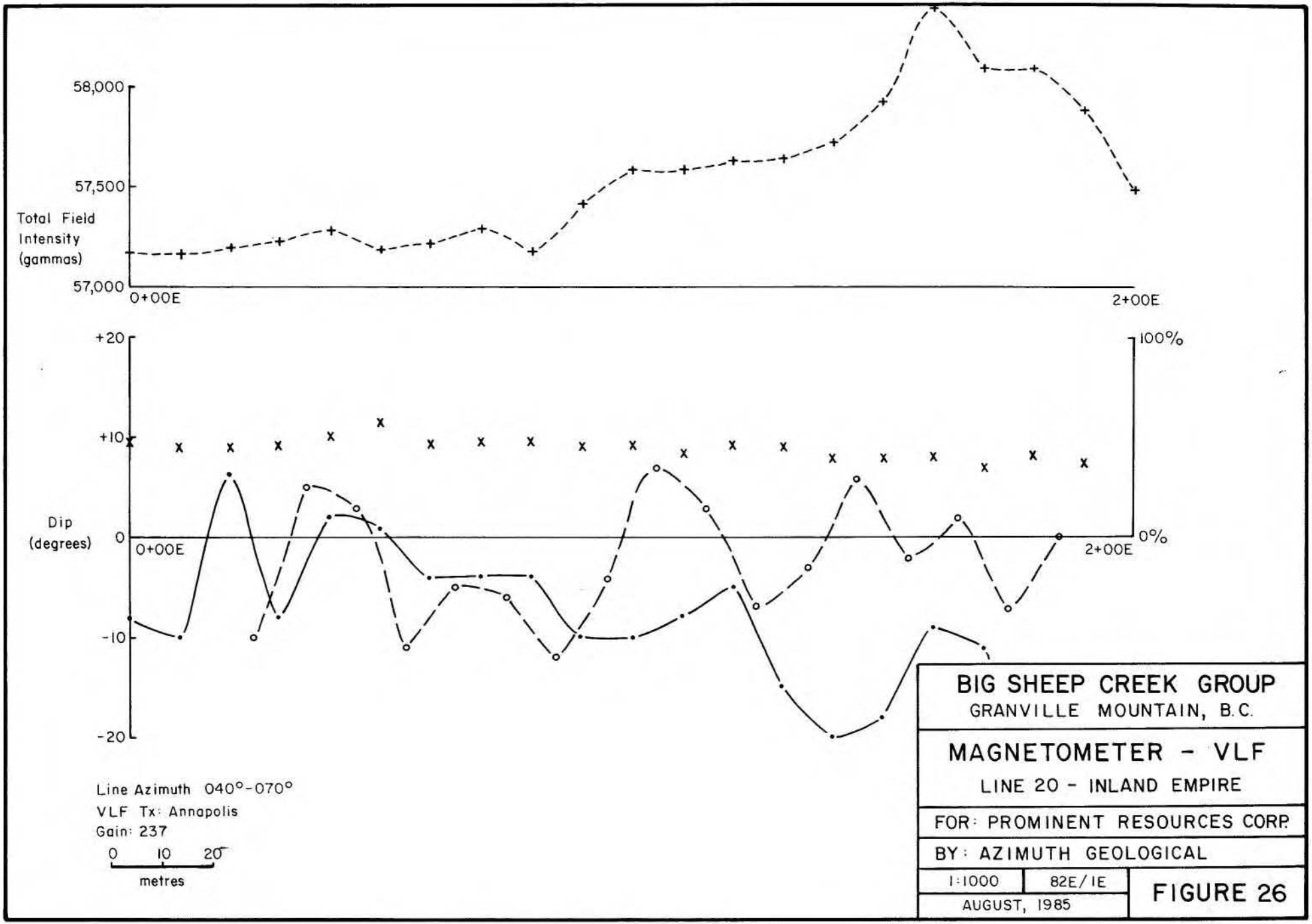
MAGNETOMETER - VLF
LINE 19 - ALICE L. VEIN

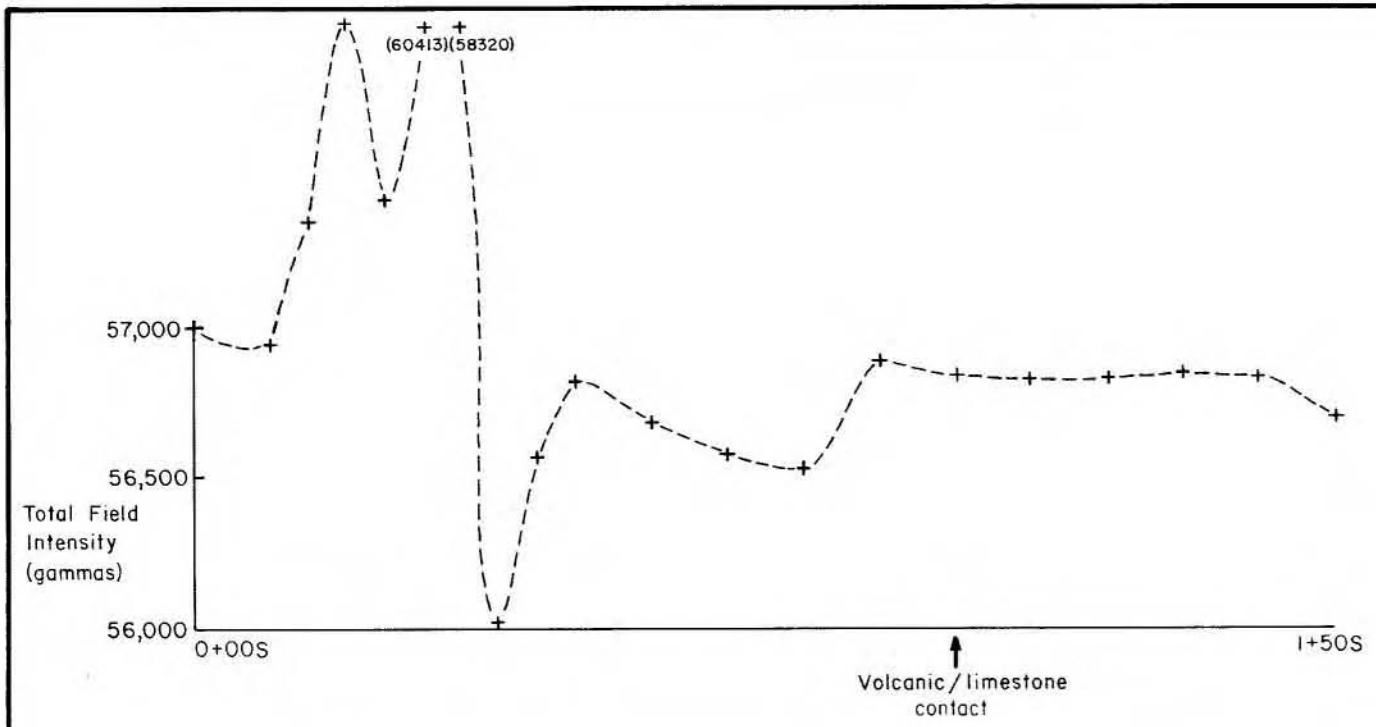
FOR: PROMINENT RESOURCES CORP

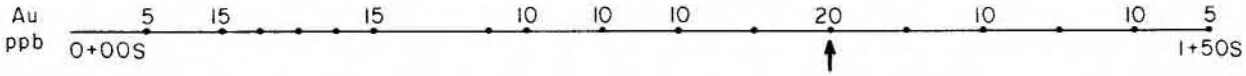
BY: AZIMUTH GEOLOGICAL

1:500	82E/1E
AUGUST, 1985	

FIGURE 25


58,000
57,500
57,000
Total Field Intensity (gammas)
0+00E
2+00E
+20
+10
0
-10
-20
Dip (degrees)
100%
0%
0+00E
2+00E
Line Azimuth 040°-070°
VLF Tx: Annapolis
Gain: 237
0 10 20
metres
BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.
MAGNETOMETER - VLF
LINE 20 - INLAND EMPIRE
FOR: PROMINENT RESOURCES CORP.
BY: AZIMUTH GEOLOGICAL
1:1000
82E/1E
AUGUST, 1985
FIGURE 26





Line Azimuth 160°

0 10 20

metres

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

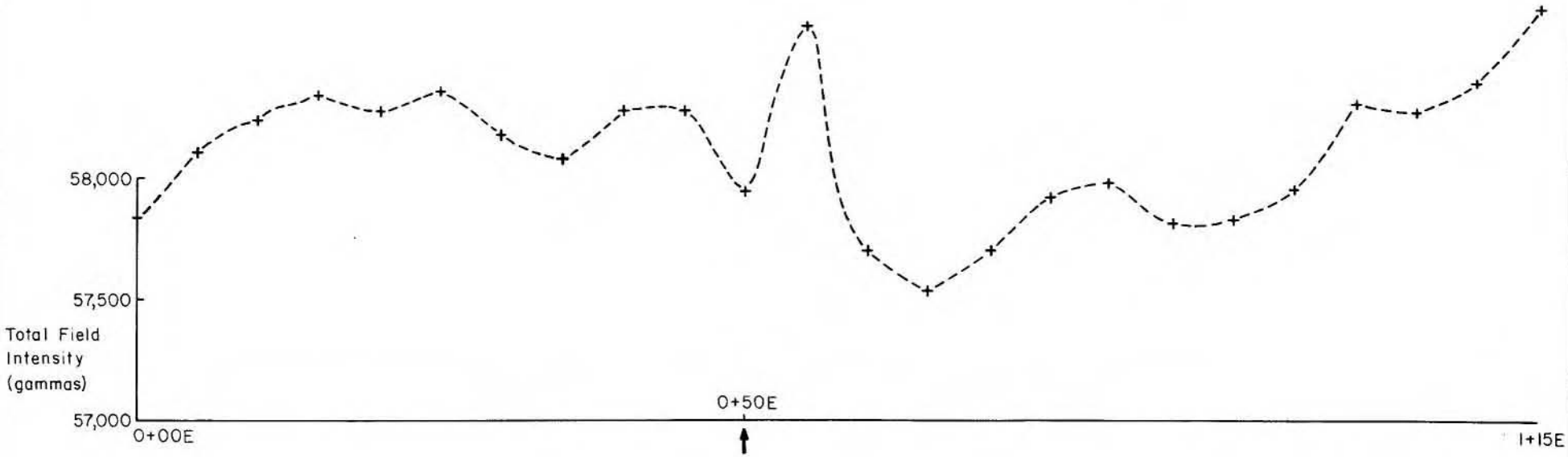
MAGNETOMETER
SOIL GEOCHEMISTRY
LINE 21/21A IRON GRID ROAD OUTCROP

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:1000	82E/1E
AUGUST, 1985	

FIGURE 27



Line Azimuth 070°

↑ : Trace of vein

0 5 10

metres

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER

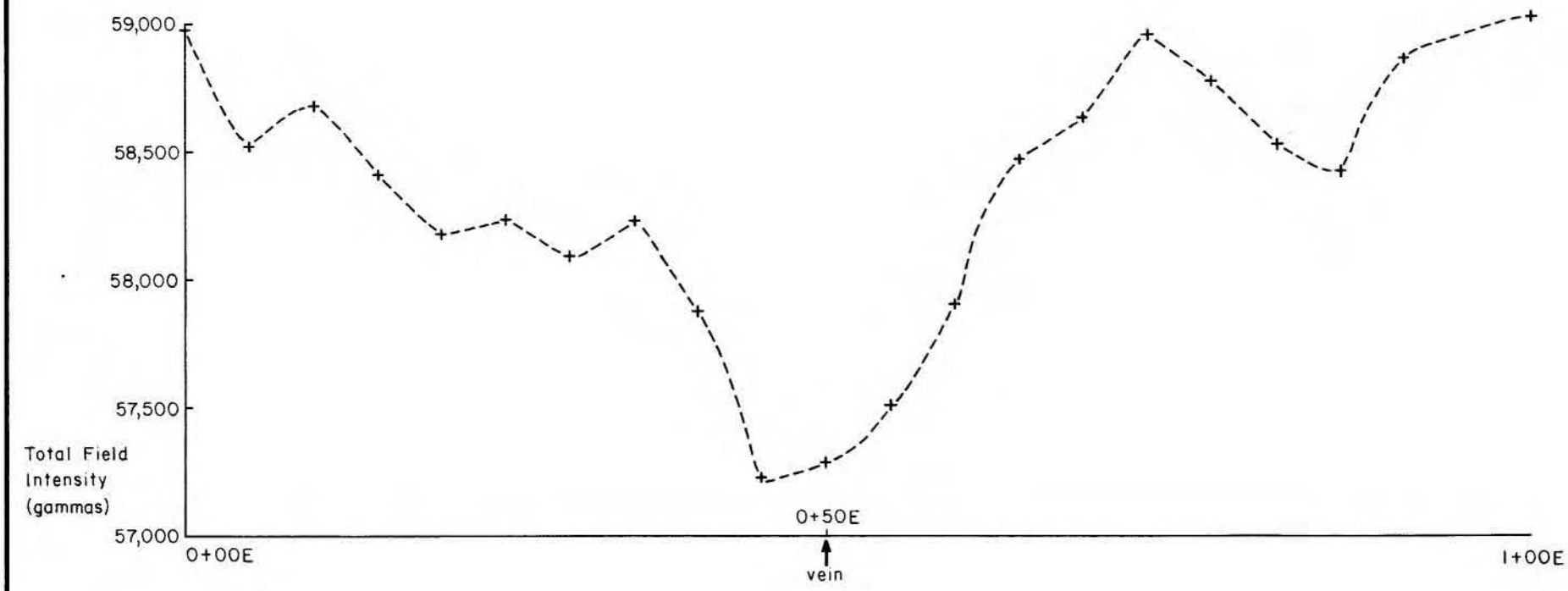
LINE 22 - ALBION VEIN

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:500	82E/1E
AUGUST, 1985	

FIGURE 28



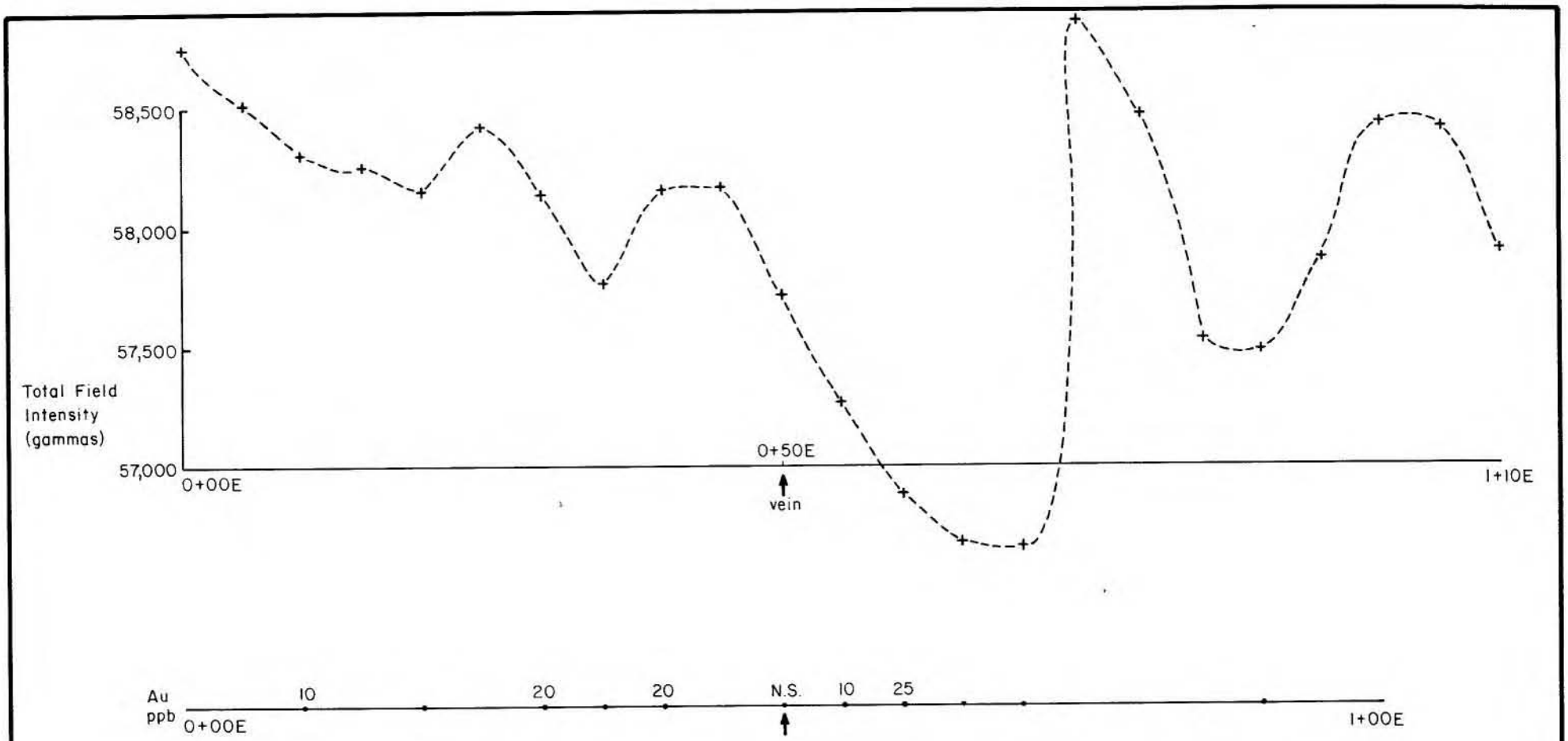
Line Azimuth 070°

↑ : Trace of vein

0 5 10

metres

BIG SHEEP CREEK GROUP GRANVILLE MOUNTAIN, B.C.	
MAGNETOMETER LINE 23 - DUBROVNIK VEIN	
FOR: PROMINENT RESOURCES CORP.	
BY: AZIMUTH GEOLOGICAL	
1:500	82E/1E
AUGUST, 1985	FIGURE 29



Line Azimuth 070°

↑ : Trace of vein

0 5 10

metres

BIG SHEEP CREEK GROUP

GRANVILLE MOUNTAIN, B.C.

MAGNETOMETER
SOIL GEOCHEMISTRY
LINE 24 - DUBROVNIK VEIN

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:500	82E/1E
AUGUST, 1985	

FIGURE 30

to the extensive size of the property, which prohibited returning to one stationary base station. A base station magnetometer is recommended for any future surveys.

Procedure - VLF/EM

A Sabre VLF/EM unit was used to evaluate 18 of the 24 lines. Two transmitters were required; Seattle (NLK 18.6 kHz) for north - south lines and Annapolis (NSS 21.4 kHz) for east - west lines. Orientation of the two transmitters with respect to the property is 250° (Seattle) and 105° (Annapolis). An east - west test line over the Albion vein (L 12), utilizing both transmitters, indicated that Annapolis provided the stronger profile of the two.

Results - Magnetometer

Magnetometer values in the vicinity of the Albion, Dubrovnik and Alice L/Berlin veins (L 12, 13, 18, 19, 22, 23, 24) reveal a well defined magnetic low associated with the veins, allowing them to be traced along strike. In addition, the Dubrovnik vein hanging wall (L 24) displays a zone of low magnetics extending from the vein at 0+50E to 0+70E. This possibly indicates an alteration zone depleted in magnetite. The veins located on the Iron Claim (L 3, 10/10a, 11), occurring within volcanics and/or limestone, carry a much weaker magnetic signature than the quartz monzonite hosted Albion, Dubrovnik and Alice L/Berlin veins.

A well defined magnetic low is present on both lines 14 and 15, which were completed over the E&B 'Dubrovnik soil anomaly'. On each line a magnetic low is associated with a very small topographic depression (L 14, 0+85E; L 15, 0+60E), possibly representing a vein, alteration or shear zone striking 355°. The southern extensions of the Dubrovnik and Duluth veins also occur in similar topographic depressions.

Results obtained from the Inland Empire (L 4, 5, 20) were ambiguous due to the extensive nature of dump material and to the abundance of metal debris in the immediate vicinity of the old workings.

The only geological boundaries well defined by the magnetometer survey are gold bearing garnet, magnetite, pyroxene skarn zones associated with limestone/Coryell contacts. Extreme magnetometer highs may be characteristic of these structures, as indicated by orientation lines 1 and 6 located across the Nugget Claim Magnetite Adit. In this area the skarn carries up to 7.5 gm/tonne Au (0.220 oz/ton).

Intense magnetic highs on lines 10 and 11 of the Iron Grid reflect underlying pyrrhotite rich volcanics along strike from sample 05456 (20 ppb Au). Magnetometer highs on lines 9 and 21 may also be associated with this zone.

Lines 3 and 8, both over Georges' Pit, allowed the east-west orientation of the structure to be ascertained.

Recommendations - Magnetometer

The magnetometer provides an efficient cost effective method of tracing the vein systems and skarn type mineralization along strike. The following is recommended at 5 meter intervals:

1) the possibility of the Amazon - Dubrovnik veins representing the same mineralized system and the Alice L/Berlin structure being on strike with the Albion should be evaluated;

2) high gold values over significant widths, associated with the Bonanza vein, suggest this system warrants further investigation;

3) more detailed lines in the vicinity of the 'Dubrovnik soil anomaly' are required prior to trenching;

4) lines distal to the cultural anomalies on the Inland Empire dump are required to fully evaluate the area;

5) the area of the Magnetite Adit should be detailed, as should the pits of samples 05479-05481. These are along strike from and carry similar mineralization to that exposed in the Magnetite Adit;

6) an extreme magnetometer low on the east end of line 8 should be examined further

Results and Recommendations - VLF/EM

The VLF/EM data serves to reinforce and in some instances further delineate vein positions indicated by the magnetometer lows. While this is well illustrated on the Albion vein (L 12, 13, 22), anomalous VLF/EM values did not accompany all the vein systems (i.e. L 18, 19, 11).

Line 14 of the Dubrovnik soil anomaly has a coincident fraser filtered high (+10), but no crossover associated with a magnetometer low at 0+85E. Line 15 exhibits a VLF/EM high from 0+35E to 0+45E. This is offset from the magnetometer low at 0+60E.

VLF/EM values obtained thus far on the Inland Empire are ambiguous.

Skarnified contacts were also delineated by the VLF/EM data associated with the magnetometer results. The Magnetite Adit (L 1) exhibits a filtered peak of +13 associated with the magnetometer high. Lines 10 and 11, which both cross a pyrrhotite rich zone of volcanics denoted by elevated magnetometer values, also carried coincident VLF/EM anomalies.

The significance of lone VLF/EM (L 18, 19) anomalies is unclear. As such, the VLF/EM should be used in conjunction with the magnetometer for any future surveys.

SOIL GEOCHEMISTRY

Introduction/Procedure

A total of 149 soil samples were collected from nine orientation lines (L 1, 4, 10a, 11, 13, 15, 14, 20, 24) and two test pits (L 3, 13). Soils were obtained from a depth of 15 to 40 cm and included predominantly 'B' with some 'C' horizon representatives. Test pits sampled 'A','B', and 'C' horizons. Anomalous soil values are illustrated on geophysical sections (Figures 6 to 30).

Analyses were completed by Vangeochem Lab Limited, North Vancouver, B.C. (Appendicies 2 to 4). Check samples were sent to Chemex Labs, North Vancouver, B.C. (see Appendix 5). All soils were geochemically analyzed for gold. A twenty-eight element ICAP was also completed. Statistical analyses were performed on ten of the twenty-eight elements. These included aluminum, arsenic, barium, cadmium, colbalt, copper, manganese, lead, silver, and zinc.

For details regarding analytical procedures see Appendix 2.

Results

In test pit L 3 (35-80 ppb Au) 'B' horizon soil samples carry up to twice the concentration of gold as the 'A' or 'C' horizon. No significant gold values were obtained from test pit L 13.

A probability plot indicates that gold values of 11 ppb or greater are anomalous.

A cursory examination of the gold geochemical data suggests that soils overlying volcanics have a slightly higher background value than those overlying the intrusives.

Soil profiles across vein systems could not be sampled in the vicinity of vein exposures due to dump material and debris from cat trenching. Soils were therefore obtained from lines over the projected trace of the veins in the vicinity of the Albion, Dubrovnik, and St. Thomas veins (L 13, 10a, 24).

The Albion vein carried no elevated gold values. The Dubrovnik, St. Thomas and East St. Thomas veins all returned several anomalous values (up to 30 ppb Au) but none of these were coincident with either the trace of the vein or the geophysical anomalies.

The Inland Empire soil results (L 4) were extremely low to nondetectable.

The area of the Magnetite Adit (L 1) on the Nugget Claims returned no significant value gold values.

The existence of 1981 grid lines established by E&B Explorations Ltd. and the preservation of the line and station numbers on trees and pickets allowed accurate location of the 1985 soil samples (L 14, 15) across the Dubrovnik soil anomaly. Several aspects of this anomaly are interesting to note. While many anomalous values are present on lines 14 and 15, the values are much lower than the 'E&B' report suggests. Line 14 carries values of 25 and 15 ppb gold in the location where 'E&B' indicates 360 and 280 ppb gold. Line 15 returned 45 and 10 ppb gold in contrast to 'E&B' results of 160 and 1540 ppb. Almost all of the significant values of the 1985 survey on lines 14 and 15 are restricted to the slope on the west side of a topographic low or draw (L 14,0+85E; L 15,0+60E). This indicates that the anomaly may be hydromorphic with a vein lying upslope to the west of the depression. 'E&B' anomalous values however, flank both sides of the draw, supporting magnetometer and VLF/EM data suggesting the draw is overlying a vein, shear, or alteration zone. Both theories should be tested.

ICAP results proved to be informative. Statistical treatment of the following ten elements indicate threshold values (mean plus one standard deviation) as noted below:

aluminum = 3.712 ppm
arsenic = 9.528 ppm
barium = 97.44 ppm
cadmium = 5.556 ppm
colbalt = 8.990 ppm
copper = 34.65 ppm
manganese = 769.2 ppm
lead = 52.09 ppm
silver = .7794 ppm
zinc = 162.3 ppm

Arsenic values were anomalous proximal to veins located within the volcanic/sedimentary sequence. The St. Thomas vein (L 10a) carried 13 ppm and 11 ppm arsenic directly over and ten meters south of the vein. A zone of twenty meters in total is elevated in arsenic (12-57 ppm) across the East St. Thomas vein (L 11). This vein returned the most significant gold assay (1.428 gm/tonne Au (0.042 oz/t) in this area. Test pit L 3, carrying values of 35 to 80 ppb gold, also has elevated arsenic values (13 ppm).

The Albion vein, Dubrovnik vein, and the Dubrovnik soil anomaly, all hosted within quartz monzonite, do not display an arsenic signature. Line 24, (Dubrovnik vein) has anomalous arsenic, but values are distal to the vein. Up to 13 ppm As was obtained from the Inland Empire (L 14, 0+10E).

In addition to elevated arsenic values, the St. Thomas vein carries elevated calcium, strontium, and zinc, while the East St. Thomas soils are anomalous in barium, manganese, and lead.

Test pit L 3 (35-80 ppb) is associated with high arsenic as previously indicated. In addition, anomalous calcium, cadmium, chromium, copper, potassium, magnesium, lead, silver, strontium and zinc are present. The 'A' horizon from the pit is further elevated in colbalt and manganese. Line 21/21a, in the vicinity of test pit L 3, is anomalous in barium, calcium, cobalt, chromium, lead, strontium, and zinc, in addition to gold geochemical values up to 20 ppb.

Line 4 of the Inland Empire is interesting in several aspects. Station 0+50E displays elevated antimony, barium, calcium, colbalt, chromium, iron, potassium, magnesium, manganese, sodium, nickel, lead, molybdenum, silver, strontium, and zinc. The elevated colbalt, chromium, iron, magnesium, and nickel, may indicate proximity to serpentinite. From stations 1+00S to 1+60S high calcium (up to 0.4%) and locally anomalous chromium, manganese and strontium were noted. The extremely elevated calcium substantiates the limestone unit extending westward from the Enterprise group of crown grants.

Anomalous silver values, in addition to those previously mentioned, occur on L 11,1+15S; L 11,1+20S; and L 24,1+00S with no accompanying lead values.

Recommendations

In general, gold soil geochemistry should be used as a reconnaissance tool defining broad areas of interest only. Geophysics is then required to further determine the existence and position of possible veins structures.

Arsenic could be used on a detailed basis to help define veins within the volcanics but these veins generally carry gold values of much less significance than those within the intrusive.

Soils over the extreme magnetometer low at the west end of line 8 are recommended.

The area of line 21/21a and test pit L 3 carry interesting gold values and require closer examination.

The discrepency between the 1981 and 1985 surveys on the Dubrovnik soil anomaly, in addition to differences noted between 1985 results and check samples, may be attributable to a nugget type effect. It is therefore suggested that future detailed soils include the extension of the 1985 lines west, and the establishment of intermediary lines between lines 14 and 15. Trenching on line 15 over the draw and upslope to the west is recommended, after the completion of geochemical and geophysical surveys.

CONCLUSIONS AND RECOMMENDATIONS

Three types of mineralization have been documented on the Granville Mtn. property. Two of these are important with respect to gold mineralization. North-south trending quartz veins are hosted by a large body of quartz monzonite and by volcanics proximal to the quartz monzonite contact. These veins have a potential of 1500 m+ (5000') strike length with an average width of 1.2 m (4'). Values up to 68 gm/tonne Au (2.0 oz/t) have been returned from surface sampling. Reportedly, underground sampling returned similar assays.

Magnetite rich skarns are developed as podiferous bodies at limestone/Coryell syenite contacts. The extent and continuity of these skarnified zones is undetermined. Select magnetite pods yielded up to 2.3m (7.8') of 7.5 gm/tonne Au (0.220 oz/t).

The age of the quartz monzonite is as yet unknown. Cross cutting relationships suggests that it is older than the Coryell syenitic intrusives on the property. If the quartz monzonite is Nelson equivalent, mineralizing processes could be comparable to those which formed the Beaverdell deposit in south-central B.C.

Geochemical, magnetometer and VLF/EM orientation surveys were conducted across vein and skarn deposits. The known vein systems did not display a geochemical signature for gold. This suggests that gold in soil values are best utilized in defining broad areas of interest only. Closely spaced magnetometer readings provide an efficient and cost effective means of tracing both the vein systems and skarnified contacts along strike. Quartz veins display a very distinctive magnetometer low while skarn zones are characterized by intense magnetometer highs. At present VLF/EM serves only to further substantiate magnetometer anomalies. Future VLF/EM data may aid in differentiating magnetic anomaly types.

The continuity between the Alice L/Berlin - Albion and the Dubrovnik - Amazon vein systems requires evaluation utilizing a detailed magnetometer survey. Limited trenching should ensue, contingent upon the delineation of an

encouraging strike length. High gold values associated with the Bonanza vein system suggests this structure warrants a similar investigation.

The uncertainty as to the cause of the Dubrovnik soil anomaly may be resolved with additional geochemical and geophysical surveys. Dependent on the availability and location of the cat, trenching may proceed either in conjunction with/or following these surveys. At present, it is recommended that trenching take place on line 15 over the 'draw' and upslope to the west.

The Magnetite Adit area on the Nugget Claims requires further investigation. An attempt to define the extent of these gold bearing skarns should consist of detailed geological mapping accompanied by a magnetometer survey.

The estimated cost of continued exploration is $57,025.00 (Table 4).

Respectfully submitted;

Gregory G. Crowe, M.Sc., P.Geol.

Joanna R. Forbes, B.Sc.

TABLE 4

ESTIMATED COSTS FOR CONTINUED EXPLORATION

Mobilization		$ 2,000.00
Supervision	33 @ 250/day	8,250.00
Senior Geologist	33 @ 200/day	6,600.00
Geologist	33 @ 175/day	5,250.00
Accomodation	90 @ 20/man day	1,800.00
Transportation	90 @ 20/man day	1,800.00
Food	90 @ 27.5/man day	2,475.00
Fuel		1,250.00
Equipment		3,300.00
Secretarial and Office Supplies		1,000.00
Geochemistry - soil	200 @ 12/sample	2,400.00
- rock	100 @ 15/sample	1,500.00
- shipping		200.00
Sub-contracting - cat trenching		10,000.00
Report		4,000.00
Contingency 10%		5,200.00
Total		**57,025.00**

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CERTIFICATE

I, GREGORY G. CROWE, of the city of Vancouver, British Columbia hereby certify that:

1) I am a consulting geologist with offices at 404 - 850 West Hastings St., Vancouver, B.C.

2) I hold a degree of Master of Science in Geology from the University of Calgary, November, 1981 and a Bachelor of Science in Geology from Carleton University in Ottawa, June, 1977.

3) I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4) I have been employed in my profession for the past 10 years.

5) I have no interest either directly or indirectly, nor do I expect to receive any interest in the property covered in this report or in the shares of Prominent Resources Corporation.

6) This report is based on a field examination conducted between July 6, 1985 and August 7, 1985 and on a detailed evaluation of previous operators technical data.

Dated on this 20th day of September, 1985 at Vancouver, B.C.

Gregory G. Crowe, M.Sc., P. Geol.
Consulting Geologist

CERTIFICATE

I, JOANNA R. FORBES, of the city of Vancouver, British Columbia hereby certify that:

1) I am a consulting geologist with offices at 404 - 850 West Hastings St., Vancouver, B.C.

2) I hold a degree of Bachelor of Science in Geology from the University of Calgary, May, 1981.

4) I have been employed in my profession for the past 7 years.

5) I have no interest either directly or indirectly, nor do I expect to receive any interest in the property covered in this report or in the shares of Prominent Resources Corporation.

6) This report is based on a field examination conducted between July 6, 1985 and August 7, 1985 and on a detailed evaluation of previous operators technical data.

Dated on this 20th day of September, 1985 at Vancouver, B.C.

Joanna R. Forbes, B.Sc.
Consulting Geologist

Appendix 1

Costs Incurred

COSTS INCURRED

Mobilization		$ 1,500.00
Senior Geologist	32 days @ 250.00/day	8,000.00
Geologist	32 days @ 200.00/day	6,400.00
Initial Drafting		500.00
Accomodation		810.00
Transportation	3500 km @ 0.15/km	525.00
Food	64 @ 21/man day	1,344.00
Fuel		650.00
Equipment		250.00
Geochemistry		4,498.00
Report		3,500.00
Secretarial		750.00
	Total	**$ 28,727.00**

Appendix 2

Sample Preparation - Analytical Procedures

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vancouvelr. B.C.
V7P 2S3

TO: AZIMUTH GEOLOGICAL SERVICE
#404 - 850 W. Hastings Street
Vancouver, B.C. V6C 1E1

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine multiple elements in hot acid soluble by Induction Couple Plasma Spectrometer (ICP) analysis.

1. Method_of_Sample_Preparation

(a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.

(b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.

(c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method_of_Digestion

(a) 0.500 gram of -80 mesh sample was used.

(b) Samples were digested in a hot water bath at 95 C for 75 minutes with diluted aqua regia acids. (3 : 1 : 3, HCl : HNO3 : H2O)

(c) The digested samples were diluted to a fixed volume and shaken well.

3. Method_of_Analysis

The analyses were determined by using a Jarrel Ash ICAP model 9000 direct reading emission spectrometer with an inductively coupled plasma excitation source. Background and inter-element corrections (IEC'S) were applied. All data is compiled into an Apple IIe computer. stored on floppy disk and printed by an Epson 100 dot-matrix printer.

4. The analyses were supervised by Mr. Wade Reeves and Mr. Conway Chun of Vangeochem Lab Ltd. and their staff.

Conway Chun
VANGEOCHEM LAB LTD.

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vancouver, B.C.
V7P 2S3

TO: AZIMUTH GEOLOGICAL SERVICE
#404 - 850 W. Hastings Street
Vancouver, B.C. V6C 1E1

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine gold by fire-assay method and detected by atomic absorption spec. in geological samples.

1. Method_of_Sample_Preparation

(a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.

(b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainles steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraciton was transferred into a new bag for analysis later.

(c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh for finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method_of_Extraction

(a) 20.0 - 30.0 grams of the pulp samples were used. Samples were weighed out by using a top-loading balance into fusion pot.

(b) A Flux of litharge, soda ash, silica, borax, flour, or potassium nitrite is added, then fused at 1900 degrees F and a lead button is formed.

(c) The gold is extract by cupellation and part with diluted nitric acid.

(d) The gold bead is saved for measurement later.

3. Method of Detection

(a) The gold bead is disolved by boiling with sodium cyanide, hydrogen peroxide and amonium hydroxide.

(b) The gold analyses were detected by using a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. David Chiu and his laboratory staff.

David Chiu
VANGEOCHEM LAB LTD.

Appendix 3

Rock Geochemistry - Analytical Results

VANGEOCHEM LAB LIMITED

MAIN OFFICE
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(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-06-002 JOB NUMBER: 85268 AZIMUTH GEOLOGICAL

SAMPLE #	Au ppb
85465	500
85466	nd
85473	50
85474	nd
85475	40100
85476	60
85477	15
85478	nd
85479	nd
85480	20
85481	90
85482	520
85483	300
85484	nd
85485	260
85486	nd
85487	nd
85488	120
85489	35
85490	10

DETECTION LIMIT 5

nd = none detected — = not analysed is = insufficient sample

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BRANCH OFFICE
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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-01-061(C) JOB NUMBER: 85255 AZIMUTH GEOLOGICAL

SAMPLE #	Au ppb
85401	5
85402	41410
85403	40
85404	620
85405	610
85406	nd
85407	5
85408	5
85409	68400
85410	120
85411	12780
85412	10
85413	3730
85414	5
85415	40
85416	20
85417	3360
85418	220
85419	3498
85420	235
85421	160
85422	nd
85423	340
85424	nd
85425	35550
85426	100
85427	7885
85428	10
85429	2290
85430	20
85431	5
85432	40
85433	35
85434	5
85435	5
85436	nd
85437	nd
85438	5
85439	5
DETECTION LIMIT	5

nd = none detected — = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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BRANCH OFFICE
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(604) 251-5656

SAMPLE #	Au ppb
85440	6960
85441	10
85442	5
85443	80
85444	15
85445	70
85446	1400
85447	205
85448	115
85449	155
85450	360
85451	5
85452	nd
85455	5
85456	20
85457	nd
85458	10
85459	10
85460	5
85461	5
85462	6450
85463	420
85464	9460

DETECTION LIMIT 5

nd = none detected — = not analysed is = insufficient sample

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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B C V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-06-006 JOB NUMBER: 85321 AZIMUTH GEOLOGICAL

SAMPLE #	Ag oz/st	Au oz/st
5402	3.01	1.144
5406	.66	--
5409	7.34	2.038
5411	1.87	.334
5413	2.80	.108
5417	.62	.130
5418	1.13	--
5419	--	(.005
5425	3.43	1.070
5427	--	.196
5429	--	.068
5440	--	.220
5443	--	(.005
5446	--	.042
5462	--	.090
5464	--	.274
5465	--	.086
DETECTION LIMIT	.01	.005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million (= less than

signed: _____

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-06-006 JOB NUMBER: 85321 AZIMUTH GEOLOGICAL

SAMPLE #	Ag oz/st	Au oz/st
5475	11.61	1.198
5482	--	.038

DETECTION LIMIT .01 .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-06-007 JOB NUMBER: 85255 AZIMUTH GEOLOGICAL

SAMPLE #	Cr %	Ni %
5412	.06	.18
DETECTION LIMIT	.01	.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million (= less than

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SR,MN,FE,CA,P,CR,MG,BA,PB,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: AZIMUTH GEOLOGICAL
ATTENTION:
PROJECT: 85-07-04

REPORT#: 85-06-005
JOB#: 85255
INVOICE#: 8880

DATE RECEIVED: 85/08/16
DATE COMPLETED: 85/08/21
COPY SENT TO:

ANALYST Ed Rumal

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
05401	1.5	.76	11	ND	26	6	.42	.1	15	16	63	2.96	.09	.42	192	10	.01	6	.06	4	ND	ND	ND	5	20	ND	ND	22
05402	92.1	.02	ND	39	20	210	.03	.9	13	123	1875	6.58	.11	.01	40	4	.01	3	.01	140	ND	ND	ND	2	2	ND	ND	12
05403	1.3	1.22	7	ND	102	ND	.87	2.2	9	29	642	2.95	.13	.57	703	1	.01	322	.12	65	ND	ND	ND	3	83	ND	ND	92
05404	12.1	.59	7	ND	118	23	.17	.1	1	39	140	2.52	.09	.17	163	10	.01	2	.06	274	ND	ND	ND	1	29	ND	ND	15
05405	8.6	.25	12	ND	75	16	.01	.1	ND	50	6	.39	.05	.02	26	5	.03	2	.01	187	ND	ND	ND	ND	3	ND	ND	ND
05406	26.5	.05	11	3	14	64	.01	.1	ND	203	16	.47	.03	.01	44	14	.01	7	.01	125	ND	ND	ND	ND	1	ND	ND	1
05407	8.2	.75	8	ND	111	ND	.28	.5	1	86	100	1.17	.09	.19	242	4	.01	5	.11	290	ND	ND	ND	ND	23	ND	ND	14
05408	4.2	1.54	6	ND	62	ND	.68	1.4	6	24	136	2.60	.12	.77	705	3	.01	227	.13	48	ND	ND	ND	3	66	4	ND	59
05409	>100	.14	13	71	6	4	.11	1.7	1	156	514	.95	.04	.06	102	323	.01	6	.02	3149	ND	ND	ND	1	11	ND	ND	55
05410	2.5	1.34	9	ND	31	5	.55	5.8	6	25	63	1.78	.10	1.11	434	6	.01	5	.12	162	ND	ND	ND	3	43	ND	6	262
05411	53.3	1.25	11	9	19	5	.35	4.5	6	63	167	1.49	.11	.98	382	96	.01	20	.11	2844	ND	ND	ND	3	49	9	5	302
05412	1.2	.11	ND	ND	18	ND	1.47	.1	63	174	8	2.60	.11	11.89	391	ND	.01	1444	.01	13	ND	ND	ND	ND	53	ND	ND	13
05413	82.0	.13	10	3	18	175	.16	1.5	4	148	223	4.60	.12	.10	110	11	.01	19	.01	731	ND	ND	18	1	6	4	ND	16
05414	1.0	1.75	6	ND	23	4	.90	.4	18	28	10	3.59	.13	2.24	654	ND	.01	14	.05	11	ND	ND	ND	6	42	3	12	76
05415	1.1	.43	16	ND	26	ND	3.31	.3	6	108	11	.70	.11	.34	285	1	.01	30	.05	15	ND	ND	ND	3	58	12	ND	13
05416	.7	.84	11	ND	429	6	8.90	.7	11	29	8	3.22	.13	4.32	1913	2	.01	149	.02	24	ND	ND	ND	2	567	4	12	76
05417	24.2	.01	9	3	9	52	.04	.1	5	192	8	2.60	.07	.02	75	5	.01	7	.01	135	ND	ND	ND	ND	3	ND	ND	5
05418	38.8	.41	ND	ND	38	80	.17	.5	80	59	11	9.33	.19	.14	63	18	.01	5	.05	255	ND	ND	ND	2	11	ND	ND	24
05419	3.4	.78	8	ND	61	ND	1.52	1.2	7	68	21	2.40	.17	.33	359	2	.01	6	.12	58	ND	ND	ND	ND	71	7	ND	31
05420	3.3	.95	8	ND	63	7	1.64	.8	8	37	87	2.44	.16	.56	536	1	.01	367	.10	23	ND	ND	ND	ND	88	11	ND	50
05421	1.8	.92	10	ND	47	ND	.47	1.1	4	63	104	1.60	.10	.52	495	1	.01	2	.12	11	ND	ND	ND	1	58	3	ND	41
05422	3.0	.18	13	ND	36	9	.03	.1	2	105	165	1.89	.07	.06	119	5	.01	4	.04	82	ND	ND	ND	ND	3	ND	ND	6
05423	6.0	.68	6	ND	66	21	.09	.8	10	36	448	3.87	.12	.21	598	7	.01	3	.09	115	ND	ND	6	2	14	ND	ND	20
05424	1.6	1.34	7	ND	67	5	.63	.7	6	45	145	2.35	.11	.62	600	1	.01	9	.14	33	ND	ND	ND	3	102	ND	ND	49
05425	80.8	.01	ND	34	12	354	.03	.5	23	95	1244	7.31	.13	.02	61	5	.01	1066	.01	135	ND	ND	ND	2	3	ND	ND	ND
05426	.2	1.46	7	ND	127	ND	.38	.1	6	37	44	2.58	.11	.59	952	2	.04	3	.12	8	ND	ND	ND	1	34	ND	7	36
05427	13.0	.14	12	5	28	34	.02	.1	1	167	43	1.55	.05	.03	97	3	.01	15	.01	193	ND	ND	ND	ND	2	ND	ND	3
05428	6.6	.07	14	ND	19	11	.04	.1	5	155	16	.93	.04	.03	98	4	.01	1262	.01	74	ND	ND	ND	ND	3	ND	ND	ND
05429	1.3	.74	12	3	74	ND	2.88	.3	9	39	24	2.55	.20	.45	912	1	.01	6	.12	9	ND	ND	ND	1	95	23	ND	24
05430	.9	1.73	12	ND	35	ND	.90	.1	8	59	152	2.03	.12	.34	110	27	.01	57	.05	10	ND	ND	ND	2	322	8	ND	25
05431	.7	2.22	5	ND	63	ND	1.06	.3	14	29	54	2.51	.12	.46	180	2	.01	12	.08	6	ND	ND	ND	4	188	5	ND	28
05432	.7	1.55	8	ND	67	4	.71	.4	10	40	33	2.65	.13	.60	175	1	.01	343	.09	11	ND	ND	ND	4	91	3	ND	27
05433	.4	.01	13	ND	5	32	.06	.1	ND	183	2	.37	.03	.01	65	1	.01	7	.01	6	ND	ND	ND	ND	6	ND	ND	4
05434	.7	.43	14	ND	63	ND	.11	.1	2	42	6	1.40	.14	.25	155	4	.88	3	.04	36	ND	ND	ND	3	23	8	ND	14
05435	1.2	.20	ND	ND	29	ND	.75	.1	14	27	16	27.09	.48	.10	3419	ND	.01	2	.08	323	ND	ND	ND	3	14	4	ND	133
05436	1.9	.90	23	ND	13	3	3.49	.1	32	71	190	13.02	.36	.15	1300	2	.01	275	.57	57	ND	ND	4	7	23	21	ND	48
05437	1.2	1.83	5	ND	489	4	1.35	.9	19	146	17	6.07	.34	1.52	1463	2	.01	33	.29	72	ND	ND	ND	7	121	14	5	163
05438	2.8	.92	14	ND	28	ND	3.13	1.0	86	27	139	10.95	.31	.26	1131	1	.01	49	.14	174	ND	ND	4	6	21	18	14	268
05439	.7	1.28	47	ND	188	ND	3.65	.1	4	50	61	3.31	.21	.25	431	2	.01	328	.92	24	ND	ND	ND	3	95	21	ND	45

CLIENT: AZIMUTH GEOLOGICAL JOB#: 85255 PROJECT: 85-07-04 REPORT: 85-06-005

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
05440	7.9	1.06	5	6	36	154	2.66	3.0	7	25	97	7.33	.16	.23	1360	1	1.40	3	.24	2403	ND	ND	ND	2	37	4	ND	781
05441	.3	.30	15	ND	28	ND	.60	.6	3	117	32	1.81	.04	.10	405	4	.21	10	.05	44	ND	ND	ND	ND	20	ND	ND	51
05442	1.5	.33	22	ND	23	4	2.39	31.2	6	36	42	2.81	.11	.77	1242	174	.96	3	.10	153	ND	ND	ND	ND	63	3	ND	606
05443	.2	.41	18	ND	34	17	.69	.2	3	114	23	1.67	.05	.07	437	5	.14	7	.05	14	ND	ND	ND	ND	21	ND	ND	28
05444	.3	.72	ND	ND	21	ND	.64	.1	50	36	607	14.23	.19	.14	330	6	1.44	39	.06	28	ND	ND	ND	2	173	ND	ND	31
05445	.4	.83	126	ND	28	ND	.62	.2	18	52	89	7.05	.12	.19	92	2	.71	411	.04	15	ND	ND	ND	ND	35	ND	ND	14
05446	.1	.03	505	ND	5	ND	.04	.1	25	37	103	22.21	.24	.02	28	ND	2.28	7	.01	6	ND	ND	ND	3	5	ND	ND	4
05447	.4	1.85	44	ND	104	ND	1.35	.3	3	100	59	3.03	.08	.24	218	13	.31	7	.08	35	ND	ND	ND	ND	151	ND	ND	41
05448	.3	1.63	117	ND	104	ND	1.04	.2	8	58	66	5.23	.11	.27	313	31	.55	338	.09	14	ND	ND	ND	1	97	ND	ND	20
05449	.4	.80	120	ND	50	ND	2.56	.3	17	101	38	3.92	.11	.13	195	15	.43	6	.04	9	ND	ND	ND	ND	205	ND	ND	34
05450	.2	.04	419	ND	4	ND	.02	.1	147	101	34	20.26	.23	.02	22	2	2.04	15	.01	5	ND	ND	ND	1	2	ND	ND	ND
05451	.9	.80	13	ND	42	ND	.66	.5	10	86	178	2.55	.07	.18	80	1	.08	25	.15	22	ND	ND	ND	3	87	ND	ND	14
05452	1.6	1.88	8	ND	91	4	.79	2.3	11	26	54	2.13	.08	.53	194	1	.11	11	.05	86	ND	ND	ND	3	64	ND	ND	46
05455	.4	1.77	10	ND	20	3	.71	.5	5	56	42	1.71	.06	.35	143	1	.07	334	.04	9	ND	ND	ND	1	82	ND	ND	17
05456	.9	1.30	14	ND	23	3	.67	.3	13	55	90	2.50	.08	.31	266	1	.13	10	.05	20	ND	ND	ND	1	56	ND	ND	37
05457	1.6	.84	9	ND	58	3	1.27	.6	15	28	88	3.04	.09	.30	226	3	.28	21	.08	15	ND	ND	ND	3	140	ND	ND	63
05458	1.2	1.54	12	ND	29	ND	1.08	.6	11	37	66	2.61	.08	.32	188	3	.17	7	.09	20	ND	ND	ND	3	89	ND	ND	33
05459	1.1	1.69	11	ND	83	ND	.85	.5	7	41	76	3.43	.09	.52	231	3	.29	291	.09	13	ND	ND	ND	4	79	ND	ND	31
05460	.9	2.41	6	ND	101	5	1.01	.5	13	49	47	3.11	.11	.88	209	1	.26	7	.08	11	ND	ND	ND	3	117	5	ND	41
05461	1.1	1.11	15	ND	34	5	.70	.5	11	35	44	2.44	.08	.42	194	1	.17	6	.08	13	ND	ND	ND	3	67	7	ND	29
05462	1.6	.63	25	3	20	3	.39	2.5	10	113	66	1.66	.07	.15	127	5	.17	14	.04	51	ND	ND	ND	ND	27	ND	ND	42
05463	1.4	.46	39	ND	15	ND	.28	2.6	9	72	71	1.73	.05	.39	269	3	.29	19	.02	76	ND	ND	ND	1	17	ND	ND	85
05464	6.0	.04	19	9	7	ND	.17	.1	143	60	22	20.78	.24	.05	70	8	2.14	547	.01	177	ND	ND	ND	1	8	ND	ND	21

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

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A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
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IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: AZIMUTH GEOLOGICAL
ATTENTION:
PROJECT: 85-07-04

REPORT#: 85-06-004
JOB#: 85268
INVOICE#:

DATE RECEIVED: 85/08/17
DATE COMPLETED: 85/08/20
COPY SENT TO: MR. GREG CROWE

ANALYST _____

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
05465	4.9	.64	53	ND	16	5	.40	15.4	21	100	107	6.36	.15	.27	231	24	.01	507	.03	299	ND	ND	3	1	17	ND	ND	422
05466	.9	2.37	10	ND	65	ND	.90	3.0	15	140	54	1.97	.11	1.30	318	6	.01	93	.08	23	ND	ND	ND	1	67	ND	9	163
05473	1.1	1.82	8	ND	45	ND	1.09	1.8	19	42	150	2.56	.12	.49	436	5	.01	324	.07	744	ND	ND	ND	5	60	ND	ND	300
05474	.3	1.77	7	ND	41	ND	.77	.3	11	29	33	2.46	.09	.60	187	1	.01	11	.06	38	ND	ND	ND	3	50	ND	ND	53
05475	>100	.04	23	32	9	426	.12	19.9	7	138	235	2.95	.06	.02	77	5	.01	1351	.01	11002	ND	ND	4	ND	5	ND	ND	257
05476	4.7	3.33	ND	ND	25	ND	2.32	.6	6	8	71	2.95	.14	.20	250	2	.01	17	.05	139	ND	ND	ND	4	127	4	ND	78
05477	.1	.04	17	ND	62	ND	34.82	.1	ND	4	12	.25	.01	.10	698	1	.01	29	.03	52	ND	ND	ND	ND	221	ND	ND	12
05478	.9	2.58	7	ND	61	ND	2.77	.2	6	14	74	6.41	.18	.33	415	1	.01	7	.11	19	ND	ND	ND	6	74	10	ND	30
05479	.7	1.14	13	ND	20	ND	5.58	.2	5	47	15	4.05	.17	.29	1795	87	.01	301	.11	19	ND	ND	7	5	13	12	323	15
05480	.1	.26	19	ND	41	ND	16.84	.6	6	12	17	4.48	.04	4.45	2879	4	.01	17	.11	10	ND	ND	3	ND	234	ND	18	72
05481	1.1	.39	27	ND	8	ND	13.24	.8	7	28	48	3.19	.09	1.64	2560	21	.01	172	.45	231	ND	ND	6	2	218	ND	134	41
05482	8.4	.28	9	ND	33	22	.25	1.3	7	76	6	6.52	.12	.12	110	7	.01	685	.02	82	ND	ND	ND	ND	13	ND	ND	22
05483	2.3	.14	14	ND	22	8	.07	.1	1	94	5	1.15	.04	.06	60	9	.01	10	.01	14	ND	ND	ND	ND	4	ND	ND	8
05484	.7	6.48	ND	ND	87	4	1.51	.4	12	72	26	3.31	.30	2.35	510	56	.01	317	.10	6	ND	ND	ND	5	76	ND	18	89
05485	2.3	.54	10	ND	36	4	.21	.1	13	58	119	4.17	.11	.29	184	9	.01	10	.03	12	ND	ND	ND	1	8	ND	ND	37
05486	.4	.40	13	ND	33	ND	.43	.1	5	71	8	1.65	.07	.46	295	1	.01	537	.09	7	ND	ND	ND	3	37	ND	ND	26
05487	.1	.25	18	ND	41	ND	16.79	.5	6	12	18	4.37	.04	4.45	2868	3	.01	17	.11	8	ND	ND	4	1	235	ND	14	70
05488	.4	1.18	12	ND	31	ND	.74	.2	4	34	9	1.63	.10	.77	427	6	.01	6	.10	4	ND	ND	ND	2	54	ND	4	44
05489	.5	.80	5	ND	105	ND	.29	.8	6	19	35	2.35	.11	.17	1188	1	.01	1	.14	12	ND	ND	ND	ND	13	ND	ND	34
05490	.3	1.47	9	ND	57	ND	.66	.2	7	55	7	1.80	.11	.99	378	45	.01	361	.08	8	ND	ND	ND	4	102	ND	ND	42

Appendix 4

Soil Geochemistry - Analytical Results

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-06-001 JOB NUMBER: 85270 AZIMUTH GEOLOGICAL

SAMPLE #	Au ppb
L1 0+70S	5
L1 0+90S	10
L1 1+00S	nd
L1 1+10S	10
L1 1+20S	nd
L1 1+30S	nd
L1 1+40S	nd
L1 1+50S	nd
L1 1+60S	nd
L1 1+70S	nd
L3 T-001	35
L3 T-002	30
L3 T-003	40
L3 T-004	80
L3 T-005	30
L4 0+10S	5
L4 0+20S	nd
L4 0+30S	nd
L4 0+40S	nd
L4 0+50S	nd
L4 0+60S	nd
L4 0+70S	nd
L4 0+80S	5
L4 0+90S	5
L4 1+00S	nd
L4 1+10S	nd
L4 1+20S	nd
L4 1+30S	nd
L4 1+40S	10
L4 1+50S	nd
L4 1+60S	5
L4 1+70S	nd
L4 1+80S	10
L4 1+90S	nd
L4 2+00S	nd
L4 2+10S	nd
L10A 0+52S	25
L10A 0+62S	nd
L10A 0+72S	15
DETECTION LIMIT	5

nd = none detected — = not analysed is = insufficient sample

VGC

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au ppb
L10A 0+80S	10
L10A 0+85S	nd
L10A 0+90S	10
L10A 0+95S	5
L10A 1+00S	nd
L10A 1+05S	20
L10A 1+10S	nd
L10A 1+15S	20
L10A 1+20S	nd
L10A 1+30S	10
L10A 1+40S	nd
L10A 1+50S	10
L10A 1+60S	nd
L11 0+40S	nd
L11 0+50S	nd
L11 0+60S	nd
L11 0+70S	nd
L11 0+80S	nd
L11 0+85S	nd
L11 0+90S	nd
L11 0+95S	30
L11 1+00S	nd
L11 1+05S	nd
L11 1+10S	nd
L11 1+15S	nd
L11 1+20S	nd
L11 1+30S	nd
L13 0+20E	10
L13 0+30E	nd
L13 0+40E	5
L13 0+45E	10
L13 0+50E	nd
L13 0+55E	nd
L13 0+60E	nd
L13 0+65E	nd
L13 0+70E	5
L13 0+75E	nd
L13 0+80E	5
L13 0+90E	10
DETECTION LIMIT	5

nd = none detected — = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au ppb
L13 1+00E	nd
L13 T-001	nd
L13 T-002	nd
L13 T-003	nd
L13 T-004	5
L14 0+45E	20
L14 0+50E	45
L14 0+55E	85
L14 0+60E	15
L14 0+65E	45
L14 0+70E	40
L14 0+75E	15
L14 0+80E	25
L14 0+85E	nd
L14 0+90E	5
L14 0+95E	nd
L14 1+00E	15
L14 1+05E	10
L14 1+10E	20
L14 1+15E	5
L14 1+20E	nd
L14 1+25E	nd
L21 0+10S	5
L21 0+20S	nd
L21 0+25S	15
L21 0+30S	nd
L21 0+35S	nd
L21 0+40S	nd
L21 0+50S	15
L21 0+60S	nd
L21 0+70S	10
L21 0+80S	10
L21 0+90S	10
L21 1+00S	nd
L21 1+10S	20
L21 1+20S	nd
L21 1+30S	10
L21 1+40S	nd
L21 1+50S	10
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au ppb
L21 1+60S	5
L24 0+10E	10
L24 0+20E	nd
L24 0+30E	20
L24 0+35E	nd
L24 0+40E	20
L24 0+45E	nd
L24 0+55E	10
L24 0+60E	25
L24 0+65E	nd
L24 0+70E	nd
L24 0+90E	nd
L24 1+00E	nd
85 S001	20
85 S002	25
85 S003	135
85 S004	40
85 S005	10
85 S006	20
85 S007	45
85 S008	25
85 S009	15
85 S010	nd
85 S011	10
85 S012	nd
85 S013	nd
85 S014	25
85 S015	10
85 S016	nd
85 S017	10
85 S018	20
85 S019	10

DETECTION LIMIT 5

nd = none detected — = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PB,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: AZIMUTH GEOLOGICAL
ATTENTION: MR. GREG CROWE
PROJECT: 85-07-04

REPORT#: 85-06-003
JOB#: 85270
INVOICE#: 8860

DATE RECEIVED: 85/08/09
DATE COMPLETED: 85/08/20
COPY SENT TO: MR. GREG CROWE

ANALYST W. Rowe

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L1 0+70S	.5	2.86	ND	ND	42	ND	.21	.5	10	20	27	2.42	.07	.34	483	6	.01	19	.05	15	ND	ND	ND	1	20	ND	ND	62
L1 0+90S	.4	3.47	ND	ND	45	ND	.19	.6	9	19	21	2.26	.07	.34	459	4	.01	16	.06	11	ND	ND	ND	1	20	ND	ND	78
L1 1+00S	.5	3.60	ND	ND	94	ND	.13	.6	10	23	22	2.61	.08	.37	437	3	.01	15	.08	15	ND	ND	ND	1	19	ND	ND	97
L1 1+10S	.4	3.19	ND	ND	77	ND	.11	.2	11	23	24	2.81	.06	.30	450	2	.01	13	.12	19	ND	ND	ND	1	11	ND	ND	114
L1 1+20S	.4	2.81	ND	ND	109	ND	.16	.4	10	27	24	2.90	.07	.37	437	3	.02	16	.14	17	ND	ND	ND	1	12	ND	ND	117
L1 1+30S	.1	2.76	ND	ND	67	ND	.09	.1	9	24	19	2.37	.04	.29	791	1	.01	12	.12	8	ND	ND	ND	1	11	ND	ND	68
L1 1+40S	.5	2.62	ND	ND	99	ND	.14	.3	9	15	20	2.91	.06	.40	381	2	.01	8	.08	8	ND	ND	ND	2	18	ND	ND	56
L1 1+50S	.2	2.73	ND	ND	59	ND	.08	.1	9	19	15	2.43	.06	.30	338	2	.01	11	.07	11	ND	ND	ND	1	11	ND	ND	55
L1 1+60S	.2	2.78	ND	ND	58	ND	.10	.1	9	18	16	2.42	.05	.29	459	1	.01	10	.12	10	ND	ND	ND	1	10	ND	ND	56
L1 1+70S	.1	3.44	ND	ND	45	ND	.07	.2	7	12	14	2.02	.04	.19	308	1	.01	7	.11	7	ND	ND	ND	1	9	ND	ND	44
L3 T-001	.5	1.18	13	ND	22	ND	.40	5.4	6	30	30	2.64	.10	.39	325	5	.01	6	.09	25	ND	ND	3	1	37	ND	ND	166
L3 T-002	2.3	1.06	13	ND	19	ND	.33	4.6	5	27	30	2.41	.09	.31	249	6	.01	5	.07	204	ND	ND	4	1	32	ND	ND	195
L3 T-003	1.0	2.75	ND	ND	52	ND	.38	9.1	9	35	56	3.17	.11	.47	483	3	.08	12	.06	154	ND	ND	ND	1	63	ND	ND	466
L3 T-004	.9	3.45	ND	ND	79	ND	.36	15.0	9	31	40	3.05	.10	.45	942	3	.11	13	.05	145	ND	ND	ND	1	64	ND	ND	379
L3 T-005	1.2	4.14	ND	ND	104	ND	.39	34.4	11	27	36	2.79	.11	.41	4272	9	.13	14	.05	198	ND	ND	ND	1	47	ND	ND	690
L4 0+10S	.3	.53	13	ND	48	ND	.11	1.1	3	11	9	1.52	.03	.08	152	1	.01	3	.03	19	ND	ND	3	1	14	ND	ND	46
L4 0+20S	.2	1.69	ND	ND	64	ND	.12	.4	4	16	8	2.48	.05	.16	256	ND	.01	4	.05	11	ND	ND	ND	1	17	ND	ND	43
L4 0+30S	.4	1.86	ND	ND	63	ND	.42	.2	4	15	10	2.19	.08	.17	422	2	.01	6	.03	13	ND	ND	ND	1	37	ND	ND	29
L4 0+40S	.2	1.20	3	ND	52	ND	.36	.1	4	24	7	2.39	.07	.25	173	1	.01	7	.02	14	ND	ND	ND	1	40	ND	ND	22
L4 0+50S	3.0	2.48	ND	ND	206	ND	1.67	.9	17	90	178	5.61	.19	.77	851	11	.08	726	.12	54	ND	ND	10	2	42	ND	ND	123
L4 0+60S	.3	1.33	4	ND	136	ND	.08	.1	4	19	7	2.58	.05	.15	240	1	.01	5	.02	15	ND	ND	3	1	13	ND	ND	38
L4 0+70S	.2	1.46	4	ND	62	ND	.10	.1	5	20	6	2.27	.05	.16	408	ND	.01	4	.07	17	ND	ND	3	1	13	ND	ND	46
L4 0+80S	.4	2.39	ND	ND	82	ND	.09	.3	7	19	9	2.57	.05	.16	616	1	.01	5	.15	15	ND	ND	ND	1	10	ND	ND	74
L4 0+90S	.2	2.08	ND	ND	77	ND	.14	.3	5	17	7	2.15	.05	.15	408	1	.01	5	.12	11	ND	ND	ND	1	15	ND	ND	57
L4 1+00S	.1	1.69	ND	ND	99	ND	.28	.2	5	24	8	2.52	.08	.28	456	2	.01	15	.04	14	ND	ND	ND	1	28	ND	ND	36
L4 1+10S	.3	1.79	ND	ND	71	ND	.42	.2	5	22	10	2.24	.10	.23	1294	1	.01	8	.07	10	ND	ND	ND	ND	34	ND	ND	31
L4 1+20S	.3	1.76	ND	ND	77	ND	.32	.1	5	28	9	2.65	.09	.25	289	1	.01	8	.06	11	ND	ND	ND	1	27	ND	ND	35
L4 1+30S	.4	2.80	ND	ND	72	ND	.40	.1	8	22	12	2.49	.10	.24	1160	1	.01	8	.08	12	ND	ND	ND	1	33	ND	ND	40
L4 1+40S	.3	1.96	ND	ND	59	ND	.30	.1	5	16	8	2.14	.06	.17	262	ND	.01	5	.06	13	ND	ND	ND	1	26	ND	ND	34
L4 1+50S	.3	.90	5	ND	49	ND	.22	.1	3	13	5	1.66	.05	.10	133	1	.01	4	.03	10	ND	ND	3	1	22	ND	ND	16
L4 1+60S	.1	1.21	ND	ND	73	ND	.21	.1	4	24	7	2.18	.07	.22	170	1	.01	8	.08	11	ND	ND	ND	ND	20	ND	ND	31
L4 1+70S	.4	2.24	ND	ND	95	ND	.13	.2	5	21	7	2.62	.06	.14	251	1	.01	5	.08	14	ND	ND	ND	1	17	ND	ND	42
L4 1+80S	.3	1.91	ND	ND	51	ND	.14	.1	4	22	7	2.49	.07	.17	165	1	.01	5	.13	13	ND	ND	ND	1	14	ND	ND	29
L4 1+90S	.3	.93	7	ND	47	ND	.16	.1	4	23	5	2.10	.07	.18	162	1	.01	7	.08	14	ND	ND	3	1	14	ND	ND	24
L4 2+00S	.1	.91	9	ND	48	ND	.11	.1	3	13	5	1.61	.04	.13	237	1	.01	4	.07	8	ND	ND	ND	1	13	ND	ND	26
L4 2+10S	.3	.93	6	ND	47	ND	.21	.1	3	14	6	1.73	.05	.10	123	1	.01	3	.03	11	ND	ND	ND	1	21	ND	ND	16
L10A 0+30S	.3	2.51	ND	ND	61	ND	.11	.2	7	27	14	2.49	.07	.40	221	1	.01	14	.07	12	ND	ND	ND	1	15	ND	ND	62
L10A 0+60S	.3	4.41	ND	ND	36	ND	.05	.1	7	13	11	1.80	.05	.18	448	1	.01	8	.12	7	ND	ND	ND	ND	8	ND	ND	48
L10A 0+70S	.5	3.60	ND	ND	46	ND	.08	.2	6	12	13	1.82	.05	.18	330	1	.01	9	.11	10	ND	ND	ND	1	9	ND	ND	61

CLIENT: AZIMUTH GEOLOGICAL JOB#: 85270 PROJECT: 85-07-04 REPORT: 85-06-003

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	V PPM	ZN PPM
L10A 0+80S	.7	4.47	7	ND	78	ND	.11	.6	7	13	23	1.99	.06	.20	126	2	.01	19	.11	26	ND	ND	ND	2	14	ND	ND	138
L10A 0+85S	.4	3.37	7	ND	73	ND	.12	.4	7	17	16	2.31	.06	.26	193	1	.01	12	.12	19	ND	ND	ND	1	17	ND	ND	101
L10A 0+90S	.6	3.09	9	ND	97	ND	.12	.6	7	16	17	2.24	.08	.28	175	1	.01	15	.10	24	ND	ND	ND	1	22	ND	ND	103
L10A 0+95S	.4	4.15	7	ND	100	ND	.16	.4	9	20	22	2.64	.08	.32	160	2	.01	22	.10	28	ND	ND	ND	ND	33	ND	ND	129
L10A 1+00S	.6	3.02	13	ND	69	ND	.73	.9	8	15	16	2.54	.11	.27	243	3	.01	26	.08	29	ND	ND	ND	ND	182	4	ND	164
L10A 1+05S	.6	3.38	8	ND	69	ND	.20	.9	8	13	14	2.32	.08	.21	379	1	.01	16	.08	39	ND	ND	ND	1	20	ND	ND	202
L10A 1+10S	.4	2.95	11	ND	54	ND	.10	.3	7	15	13	2.20	.08	.24	533	1	.01	8	.12	39	ND	ND	ND	ND	12	ND	ND	83
L10A 1+15S	.3	3.42	4	ND	53	ND	.07	.3	5	14	13	2.30	.08	.20	189	1	.01	8	.15	19	ND	ND	ND	1	11	ND	ND	58
L10A 1+20S	.1	3.16	4	ND	56	ND	.06	.1	4	13	32	4.14	.08	.22	199	3	.01	8	.17	17	ND	ND	ND	1	19	ND	ND	55
L10A 1+30S	.1	4.19	ND	ND	99	ND	.08	.1	7	18	36	3.02	.09	.45	455	1	.01	18	.17	22	ND	ND	ND	1	20	ND	ND	75
L10A 1+40S	.1	2.91	8	ND	61	ND	.07	.1	7	14	19	2.52	.06	.24	664	1	.01	9	.16	18	ND	ND	ND	ND	10	ND	ND	72
L10A 1+50S	.1	2.34	5	ND	69	ND	.08	.2	8	16	17	2.85	.06	.21	1127	1	.01	8	.11	17	ND	ND	ND	ND	13	ND	ND	60
L10A 1+60S	.1	2.72	ND	ND	72	ND	.08	.1	8	16	19	2.92	.06	.22	994	1	.01	9	.13	20	ND	ND	ND	ND	13	ND	ND	61
L11 0+40S	.4	4.25	6	ND	87	ND	.08	.8	8	14	19	2.35	.06	.18	707	2	.01	12	.13	23	ND	ND	ND	ND	10	ND	ND	142
L11 0+50S	.1	3.50	ND	ND	52	ND	.05	.1	6	10	11	1.88	.04	.11	422	1	.01	3	.11	14	ND	ND	ND	ND	7	ND	ND	49
L11 0+60S	.3	3.67	5	ND	73	ND	.07	.3	8	18	16	2.43	.05	.20	415	2	.01	6	.15	21	ND	ND	ND	1	11	ND	ND	58
L11 0+70S	.2	3.87	ND	ND	71	ND	.10	.4	8	15	15	2.40	.06	.25	501	1	.01	9	.14	20	ND	ND	ND	ND	16	ND	ND	112
L11 0+80S	.2	5.40	ND	ND	55	ND	.07	.2	6	12	16	2.31	.06	.16	309	2	.01	6	.13	20	ND	ND	ND	1	10	ND	ND	76
L11 0+85S	.3	3.60	7	ND	80	ND	.09	.4	7	15	21	2.45	.07	.25	320	2	.01	13	.09	26	ND	ND	ND	ND	17	ND	ND	103
L11 0+90S	.3	2.53	12	ND	75	ND	.08	.5	6	14	23	2.26	.07	.23	710	2	.01	17	.10	24	ND	ND	ND	ND	13	ND	ND	107
L11 0+95S	.2	2.74	12	ND	63	ND	.07	.6	8	16	17	2.44	.07	.24	450	2	.01	10	.11	24	ND	ND	ND	ND	12	ND	ND	140
L11 1+00S	.6	4.18	8	ND	82	ND	.08	.6	9	14	19	2.28	.07	.17	621	2	.01	12	.12	25	ND	ND	ND	2	10	ND	ND	145
L11 1+05S	.6	2.85	57	ND	86	ND	.59	1.3	8	16	24	2.31	.11	.18	1030	3	.01	35	.25	146	ND	ND	7	ND	39	4	ND	349
L11 1+10S	.8	4.43	5	ND	113	ND	.09	.6	7	12	12	1.95	.10	.18	910	2	.01	16	.14	21	ND	ND	3	2	12	5	ND	132
L11 1+15S	1.0	3.77	5	ND	108	ND	.07	.5	9	14	13	1.91	.10	.18	307	2	.01	14	.09	21	ND	ND	3	2	11	9	ND	88
L11 1+20S	1.1	2.50	7	ND	44	ND	.10	.4	6	16	9	1.81	.10	.23	142	2	.01	10	.06	23	ND	ND	3	1	12	13	ND	45
L11 1+30S	.6	4.42	ND	ND	79	ND	.09	.5	8	42	20	2.67	.08	.49	174	2	.01	13	.15	20	ND	ND	ND	2	13	ND	ND	76
L13 0+20E	.7	1.13	10	ND	44	ND	.07	.1	5	11	7	2.76	.08	.18	155	1	.01	3	.05	21	ND	ND	ND	2	20	ND	ND	36
L13 0+30E	.4	1.89	4	ND	62	ND	.11	.3	6	21	12	3.04	.10	.38	225	1	.01	10	.12	17	ND	ND	ND	2	24	ND	ND	55
L13 0+40E	.5	2.41	4	ND	38	ND	.03	.4	4	9	9	1.90	.07	.09	78	1	.01	2	.06	19	ND	ND	ND	2	6	ND	ND	17
L13 0+45E	.4	1.59	8	ND	38	ND	.07	.1	4	13	8	2.00	.07	.19	117	1	.01	4	.10	15	ND	ND	ND	ND	10	ND	ND	24
L13 0+50E	.4	2.61	4	ND	45	ND	.05	.1	4	12	10	2.12	.07	.16	114	1	.01	3	.10	16	ND	ND	ND	ND	8	ND	ND	29
L13 0+55E	.5	1.89	8	ND	48	ND	.06	.1	4	13	7	2.09	.08	.17	183	1	.01	4	.10	18	ND	ND	ND	ND	13	ND	ND	38
L13 0+60E	.6	2.34	5	ND	48	ND	.07	.2	5	14	12	2.38	.08	.21	159	1	.01	6	.17	20	ND	ND	ND	ND	13	ND	ND	33
L13 0+65E	.5	1.67	9	ND	68	ND	.08	.3	6	12	12	1.92	.08	.24	261	2	.01	5	.09	20	ND	ND	ND	ND	28	ND	ND	37
L13 0+70E	.6	2.31	6	ND	49	ND	.07	.1	5	15	9	2.78	.09	.23	245	1	.01	7	.16	23	ND	ND	ND	1	21	ND	ND	44
L13 0+75E	.6	3.25	3	ND	45	ND	.06	.1	4	14	13	2.32	.08	.20	138	2	.01	5	.17	21	ND	ND	ND	1	14	ND	ND	35
L13 0+80E	.6	2.51	4	ND	48	ND	.05	.1	4	13	9	2.09	.08	.18	107	1	.01	5	.07	20	ND	ND	ND	ND	11	ND	ND	31
L13 0+90E	.7	2.42	4	ND	38	ND	.04	.3	4	14	7	2.49	.08	.12	107	1	.01	4	.07	20	ND	ND	ND	1	9	ND	ND	25

CLIENT: AZIMUTH GEOLOGICAL JOB#: 85270 PROJECT: 85-07-04 REPORT: 85-06-003

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L13 1+00E	.4	2.16	ND	ND	48	ND	.05	.1	4	19	10	2.71	.07	.15	138	1	.01	6	.05	16	ND	ND	ND	4	11	ND	ND	26
L13 T-001	.1	2.16	6	ND	42	ND	.07	.3	4	20	10	2.46	.07	.25	167	1	.01	8	.10	10	ND	ND	ND	ND	14	ND	ND	30
L13 T-002	.1	3.15	ND	ND	48	ND	.07	.3	4	20	11	2.51	.07	.28	183	1	.01	8	.13	11	ND	ND	ND	1	14	ND	ND	39
L13 T-003	.2	.11	16	ND	13	ND	.01	.1	1	2	2	.35	.02	.02	24	ND	.01	1	.01	6	ND	ND	ND	ND	3	ND	ND	7
L13 T-004	.3	.62	15	ND	157	ND	.07	.9	2	6	12	.91	.04	.09	249	ND	.01	4	.05	100	ND	ND	ND	1	15	ND	ND	33
L14 0+45E	.5	3.15	ND	ND	64	ND	.07	.4	5	11	11	2.20	.07	.22	235	ND	.01	6	.11	14	ND	ND	ND	3	14	ND	ND	37
L14 0+50E	.3	2.71	ND	ND	67	ND	.09	.4	5	11	10	2.28	.06	.23	342	1	.01	6	.17	13	ND	ND	ND	3	15	ND	ND	45
L14 0+55E	.3	2.23	4	ND	62	ND	.12	.3	5	12	10	2.63	.07	.31	248	1	.01	5	.15	14	ND	ND	ND	2	20	ND	ND	50
L14 0+60E	.3	2.52	ND	ND	68	ND	.19	.6	6	12	11	2.70	.08	.33	565	ND	.01	5	.25	16	ND	ND	ND	2	29	ND	ND	52
L14 0+65E	.3	2.66	ND	ND	68	ND	.11	.4	5	12	10	2.58	.06	.30	363	1	.01	5	.15	13	ND	ND	ND	2	18	ND	ND	49
L14 0+70E	.3	2.60	ND	ND	74	ND	.11	.3	6	13	10	2.56	.06	.32	269	2	.01	6	.09	11	ND	ND	ND	2	18	ND	ND	45
L14 0+75E	.3	2.40	ND	ND	77	ND	.14	.4	5	14	11	2.71	.08	.38	231	1	.01	5	.10	12	ND	ND	ND	1	19	ND	ND	46
L14 0+80E	.5	2.90	ND	ND	70	ND	.11	.4	6	13	12	2.70	.07	.40	193	1	.01	6	.08	10	ND	ND	ND	1	17	ND	ND	48
L14 0+85E	.3	1.98	ND	ND	58	ND	.19	.3	4	13	9	2.51	.07	.27	149	2	.01	5	.06	14	ND	ND	ND	2	22	ND	ND	42
L14 0+90E	.3	2.02	ND	ND	77	ND	.09	.5	5	14	9	2.47	.07	.27	313	2	.01	5	.07	13	ND	ND	ND	1	13	ND	ND	49
L14 0+95E	.3	2.75	ND	ND	77	ND	.12	.4	5	14	10	2.44	.07	.32	211	2	.01	7	.12	12	ND	ND	ND	2	17	ND	ND	47
L14 1+00E	.2	2.03	4	ND	79	ND	.10	.4	5	13	9	2.34	.07	.27	349	2	.01	4	.15	15	ND	ND	ND	ND	14	ND	ND	46
L14 1+05E	.4	2.76	ND	ND	99	ND	.10	.6	6	15	10	2.64	.08	.32	422	2	.01	7	.12	15	ND	ND	ND	1	15	ND	ND	59
L14 1+10E	.3	1.73	5	ND	100	ND	.10	.2	5	12	7	2.50	.07	.21	362	2	.01	5	.11	16	ND	ND	ND	1	16	ND	ND	46
L14 1+15E	.5	2.81	ND	ND	72	ND	.11	.5	6	14	10	2.57	.08	.28	288	2	.01	6	.15	17	ND	ND	ND	1	16	ND	ND	51
L14 1+20E	.6	2.36	ND	ND	67	ND	.09	.4	5	13	11	2.28	.07	.24	193	2	.01	11	.11	13	ND	ND	ND	1	12	ND	ND	40
L14 1+25E	.4	1.88	4	ND	91	ND	.11	.6	5	10	8	2.00	.07	.23	677	1	.01	5	.08	21	ND	ND	ND	2	18	ND	ND	38
L21 0+10S	.4	2.64	ND	ND	90	ND	.33	.3	14	8	26	2.49	.10	.29	413	1	.01	7	.13	13	ND	ND	ND	1	42	ND	ND	41
L21 0+20S	.2	2.81	ND	ND	77	ND	.12	.1	8	11	17	2.28	.07	.24	189	1	.01	8	.10	10	ND	ND	ND	3	27	ND	ND	42
L21 0+25S	.2	4.75	ND	ND	70	ND	.09	.4	10	12	36	2.94	.08	.27	216	1	.01	10	.15	13	ND	ND	ND	3	19	ND	ND	46
L21 0+30S	.3	3.16	ND	ND	63	ND	.11	.1	7	10	38	3.55	.08	.25	210	2	.01	7	.11	11	ND	ND	ND	1	18	ND	ND	45
L21 0+35S	.6	3.72	ND	ND	83	ND	.13	.4	9	12	36	3.87	.11	.44	188	2	.01	7	.12	22	ND	ND	ND	3	30	ND	ND	59
L21 0+40S	.7	2.51	ND	ND	84	ND	.10	.3	7	13	14	2.39	.07	.24	185	1	.01	7	.06	16	ND	ND	ND	3	21	ND	ND	47
L21 0+50S	.4	3.42	ND	ND	61	ND	.11	.2	6	13	17	2.10	.08	.28	189	1	.01	8	.13	13	ND	ND	ND	2	27	ND	ND	41
L21 0+60S	.3	3.60	ND	ND	59	ND	.10	.4	10	9	47	3.42	.09	.22	203	1	.01	9	.13	11	ND	ND	ND	2	16	ND	ND	45
L21 0+70S	.2	3.53	ND	ND	64	ND	.07	.2	11	11	36	2.89	.08	.27	156	1	.01	13	.09	10	ND	ND	ND	2	15	ND	ND	43
L21 0+80S	.4	4.29	ND	ND	115	ND	.13	.5	11	9	73	5.18	.12	.45	252	2	.01	9	.14	8	ND	ND	ND	5	32	ND	3	54
L21 0+90S	.4	4.62	ND	ND	73	ND	.09	.3	9	9	74	3.34	.09	.26	213	2	.01	11	.11	8	ND	ND	ND	3	21	ND	ND	45
L21 1+00S	.4	3.66	ND	ND	70	ND	.09	.3	8	6	19	2.06	.06	.16	246	ND	.01	11	.08	6	ND	ND	ND	1	14	ND	ND	92
L21 1+10S	.6	2.68	ND	ND	102	ND	.17	1.0	9	12	14	2.26	.07	.23	414	1	.01	14	.10	15	ND	ND	ND	1	20	ND	10	193
L21 1+20S	.8	2.29	ND	ND	117	ND	.34	1.0	10	21	22	2.53	.09	.31	276	1	.01	32	.10	15	ND	ND	ND	ND	57	ND	ND	199
L21 1+30S	.5	2.68	ND	ND	78	ND	.26	.9	7	21	19	2.63	.09	.22	295	1	.01	27	.18	16	ND	ND	ND	ND	31	ND	ND	188
L21 1+40S	.5	3.50	ND	ND	102	ND	.24	.7	9	18	22	2.38	.09	.30	393	2	.01	29	.13	34	ND	ND	ND	ND	48	ND	ND	186
L21 1+50S	.4	3.04	ND	ND	96	ND	.19	.7	9	23	40	2.74	.08	.38	413	3	.01	32	.23	25	ND	ND	ND	2	53	ND	ND	140

CLIENT: AZIMUTH GEOLOGICAL JOB#: 85270 PROJECT: 85-07-04 REPORT: 85-06-003

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L21 1+00S	.3	3.79	ND	ND	76	ND	.15	.2	9	13	36	3.81	.08	.45	202	2	.01	6	.11	28	ND	ND	ND	1	32	ND	ND	59
L24 0+10E	.2	2.33	11	ND	53	ND	.09	.1	5	17	10	2.36	.07	.24	194	1	.01	6	.09	18	ND	ND	ND	ND	16	ND	ND	38
L24 0+20E	.3	2.77	5	ND	52	ND	.06	.1	5	20	11	2.80	.07	.20	139	1	.01	7	.10	19	ND	ND	ND	ND	11	ND	ND	34
L24 0+30E	.5	2.61	4	ND	116	3	.13	.3	13	20	17	2.81	.08	.61	644	1	.01	11	.11	19	ND	ND	ND	2	23	ND	4	71
L24 0+35E	.6	2.22	10	ND	93	ND	.11	.8	8	14	13	2.69	.08	.31	657	1	.01	7	.15	26	ND	ND	ND	2	20	ND	ND	60
L24 0+40E	.4	3.86	5	ND	87	ND	.08	.2	7	14	12	2.32	.07	.29	214	1	.01	8	.13	20	ND	ND	ND	2	16	ND	3	42
L24 0+45E	.4	3.77	ND	ND	116	ND	.19	.1	11	16	13	2.47	.08	.31	189	2	.01	9	.12	21	ND	ND	ND	3	28	ND	4	44
L24 0+55E	.6	3.57	4	ND	73	ND	.13	.2	7	19	13	2.51	.09	.29	251	1	.01	8	.13	20	ND	ND	ND	2	29	ND	4	49
L24 0+60E	.4	2.52	4	ND	74	ND	.14	.2	6	20	11	2.66	.08	.29	597	1	.01	8	.15	19	ND	ND	ND	2	19	ND	ND	56
L24 0+65E	.2	2.86	6	ND	49	ND	.31	.2	5	13	7	2.64	.08	.30	542	1	.01	5	.18	16	ND	ND	ND	ND	117	ND	ND	60
L24 0+70E	.5	3.95	ND	ND	130	3	.21	.3	11	35	19	4.51	.12	.62	693	1	.01	20	.18	26	ND	ND	ND	3	35	ND	7	88
L24 0+90E	.3	2.17	6	ND	80	ND	.13	.1	7	24	13	2.68	.07	.46	369	1	.01	14	.08	15	ND	ND	ND	ND	19	ND	ND	50
L24 1+00E	1.2	3.54	ND	ND	57	ND	.12	.3	5	13	21	2.17	.08	.29	198	2	.01	5	.10	22	ND	ND	ND	ND	21	ND	ND	32
BS S001	.6	3.17	5	ND	68	ND	.13	.2	6	14	18	2.46	.08	.30	354	1	.01	5	.12	20	ND	ND	ND	1	23	ND	ND	40
BS S002	.8	3.08	ND	ND	66	ND	.13	.3	6	14	19	2.47	.08	.30	346	1	.01	5	.12	22	ND	ND	ND	1	23	ND	ND	40
BS S003	.5	3.50	6	ND	70	ND	.12	.1	6	13	18	2.42	.07	.30	189	1	.01	5	.08	20	ND	ND	ND	2	21	ND	ND	38
BS S004	.5	2.62	5	ND	77	ND	.16	.3	7	15	21	2.48	.09	.37	422	1	.01	5	.10	20	ND	ND	ND	1	29	ND	ND	39
BS S005	.6	3.31	4	ND	87	ND	.13	.3	7	13	14	2.33	.06	.33	276	1	.01	7	.07	20	ND	ND	ND	2	26	ND	ND	46
BS S006	.3	3.73	ND	ND	72	ND	.20	.3	8	15	16	2.68	.07	.45	316	2	.01	8	.13	18	ND	ND	ND	3	39	ND	ND	51
BS S007	.3	2.35	5	ND	59	ND	.10	.1	5	11	12	2.16	.04	.17	174	1	.01	3	.09	15	ND	ND	ND	1	16	ND	ND	35
BS S008	.4	3.26	3	ND	88	ND	.17	.3	7	14	16	2.50	.07	.30	261	2	.01	10	.09	17	ND	ND	ND	ND	26	ND	ND	43
BS S009	.6	2.87	4	ND	61	ND	.28	.6	6	13	9	2.85	.09	.38	274	2	.01	5	.09	18	ND	ND	ND	ND	28	ND	4	47
BS S010	.3	2.37	ND	ND	97	ND	.13	.1	5	14	8	2.31	.07	.21	418	1	.01	4	.20	16	ND	ND	ND	ND	20	ND	ND	44
BS S011	.2	2.49	ND	ND	92	ND	.14	.3	5	16	11	2.37	.07	.25	240	1	.01	5	.14	14	ND	ND	ND	ND	21	ND	ND	42
BS S012	.7	3.54	ND	ND	75	ND	.10	.3	7	14	10	2.33	.07	.21	179	2	.01	5	.10	18	ND	ND	ND	ND	14	ND	ND	50
BS S013	.6	3.18	4	ND	74	ND	.08	.1	7	13	13	2.21	.07	.20	464	2	.01	4	.13	20	ND	ND	ND	1	13	ND	ND	42
BS S014	.7	3.61	3	ND	73	ND	.09	.1	8	10	15	2.00	.07	.16	725	2	.01	4	.12	18	ND	ND	ND	2	13	ND	ND	52
BS S015	.5	3.81	5	ND	71	ND	.10	.2	6	12	16	2.24	.07	.21	479	1	.01	5	.15	20	ND	ND	ND	2	16	ND	ND	45
BS S016	.3	1.70	6	ND	67	ND	.11	.1	5	13	7	2.59	.06	.20	305	1	.01	3	.11	16	ND	ND	ND	ND	16	ND	ND	47
BS S017	.2	3.44	4	ND	66	ND	.09	.1	5	14	14	2.52	.06	.29	225	1	.01	5	.11	16	ND	ND	ND	1	14	ND	ND	44
BS S018	.3	3.37	3	ND	76	ND	.11	.3	6	15	13	2.64	.07	.33	305	1	.01	5	.11	18	ND	ND	ND	1	17	ND	ND	46
BS S019	.8	3.34	ND	ND	87	ND	.11	.2	6	16	15	2.70	.07	.36	322	1	.01	5	.11	19	ND	ND	ND	ND	17	ND	ND	51

Appendix 5

Geochemical Check Samples

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ASSAY

TO : VANGEOCHEM LAB LTD.

1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C.
V7P 2S3

CC: GREG CROWE

CERT. # : A8515618-001-A
INVOICE # : I8515618
DATE : 4-SEP-85
P.O. # : NONE
AZIMUTH GEOLOGICAL

Sample description	Prep code	Au FA oz/T					
5401	214	<0.002	--	--	--	--	--
5402	214	0.914	--	--	--	--	--
5409	214	1.796	--	--	--	--	--
5411	214	0.296	--	--	--	--	--
5419	214	0.014	--	--	--	--	--
5425	214	1.010	--	--	--	--	--
5426	214	0.004	--	--	--	--	--
5427	214	0.232	--	--	--	--	--
5433	214	<0.002	--	--	--	--	--
5443	214	0.008	--	--	--	--	--
5459	214	<0.002	--	--	--	--	--
5460	214	<0.002	--	--	--	--	--
5464	214	0.296	--	--	--	--	--
5475	214	N.S.S.	--	--	--	--	--
G5401 ROCK	207	0.002	--	--	--	--	--
J5402 ROCK	207	1.006	--	--	--	--	--

B. Stewart

Registered Assayer, Province of British Columbia

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : VANGEOCHEM LAB LTD.

1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C.
V7P 2S3

CC: GREG CROWE

CERT. # : A8515620-001-A
INVOICE # : I8515620
DATE : 6-SEP-85
P.O. # : NONE
AZIMUTH GEOLOGICAL

Sample description	Prep code	Au ppb FA+AA					
L14 0+45E	214	25	--	--	--	--	--
L14 0+50E	214	30	--	--	--	--	--
L14 0+55E	214	70	--	--	--	--	--
L14 0+60E	214	210	--	--	--	--	--
L14 0+65E	214	300	--	--	--	--	--
L14 0+70E	214	50	--	--	--	--	--
L14 0+75E	214	90	--	--	--	--	--
85S-003	214	145	--	--	--	--	--
85S-007	214	80	--	--	--	--	--
85S-008	214	60	--	--	--	--	--
85S-009	214	10	--	--	--	--	--
85S-010	214	10	--	--	--	--	--
85S-011	214	15	--	--	--	--	--
85S-012	214	5	--	--	--	--	--
85S-013	214	10	--	--	--	--	--

Certified by Hart Bichler

CTA

Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone:(604) 984-0221
Telex: 043-52597

*Analytical Chemists *Geochemists *Registered Assayers

CERTIFICATE OF ANALYSIS

TO : VANGEOCHEM LAB LTD.

1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C.
V7P 2S3

CERT. # : A8515620-001-A
INVOICE # : I8515620
DATE : 11-SEP-85
P.O. # : NONE
AZIMUTH GEOLOGICAL

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
CC: GREG CROWE

Sample description	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Tl %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	
L14 0+45E	25	3.13	0.2	<10	60	<0.5	<2	0.14	<0.5	6	12	8	2.67	<10	0.03	10	0.25	276	1	0.02	8	1090	8	<10	30	0.12	<10	<10	49	<10	40	--
L14 0+50E	30	2.73	0.2	<10	60	<0.5	<2	0.16	<0.5	5	13	5	2.70	<10	0.04	<10	0.26	395	1	0.02	8	1690	12	<10	19	0.12	<10	<10	50	<10	50	--
L14 0+55E	70	2.17	0.2	<10	50	<0.5	<2	0.18	<0.5	6	13	<1	2.91	<10	0.04	10	0.31	275	1	0.01	6	1480	12	<10	24	0.10	<10	<10	56	<10	50	--
L14 0+60E	210	2.29	0.2	<10	80	<0.5	<2	0.24	<0.5	7	11	9	2.84	<10	0.04	10	0.32	618	1	0.02	6	2400	18	<10	28	0.08	<10	<10	49	<10	50	--
L14 0+65E	300	2.61	0.2	<10	60	<0.5	<2	0.13	<0.5	7	12	4	2.88	<10	0.03	<10	0.31	407	1	0.01	7	1540	12	<10	17	0.10	<10	<10	51	<10	50	--
L14 0+70E	50	2.52	0.2	<10	60	<0.5	<2	0.19	<0.5	7	14	6	2.79	<10	0.04	10	0.33	297	2	0.02	8	920	12	<10	22	0.11	<10	<10	53	<10	50	--
L14 0+75E	90	2.59	0.2	<10	80	<0.5	<2	0.27	<0.5	7	18	2	3.37	<10	0.06	10	0.43	280	1	0.01	9	1000	16	<10	28	0.11	<10	<10	70	<10	60	--
85S-003	145	3.56	0.4	<10	70	<0.5	<2	0.21	<0.5	7	16	16	2.95	<10	0.05	10	0.33	223	1	0.02	10	910	18	<10	27	0.14	<10	<10	52	<10	40	--
85S-007	80	2.42	0.4	<10	110	<0.5	<2	0.16	<0.5	5	13	5	2.62	<10	0.04	10	0.19	205	1	0.03	7	990	14	<10	19	0.13	<10	<10	50	<10	40	--
85S-008	60	3.22	0.2	<10	90	<0.5	<2	0.23	<0.5	8	15	12	2.86	<10	0.04	10	0.31	286	1	0.02	8	930	16	<10	28	0.12	<10	<10	48	<10	50	--
85S-009	10	2.83	0.2	<10	60	<0.5	<2	0.39	<0.5	6	15	5	3.36	<10	0.04	10	0.40	310	1	0.02	7	880	14	<10	30	0.12	<10	<10	64	<10	50	--
85S-010	10	2.29	0.2	<10	100	<0.5	<2	0.18	<0.5	6	14	4	2.67	<10	0.04	10	0.22	462	<1	0.02	7	1970	14	20	21	0.10	<10	<10	48	<10	50	--
85S-011	15	2.37	0.2	<10	90	<0.5	<2	0.19	<0.5	6	16	9	2.53	<10	0.04	10	0.25	253	<1	0.02	8	1360	12	<10	20	0.09	<10	<10	48	<10	40	--
85S-012	5	3.44	0.6	10	70	<0.5	<2	0.14	<0.5	7	17	9	2.68	<10	0.05	10	0.23	200	2	0.02	10	1110	16	<10	15	0.12	<10	<10	47	<10	60	--
85S-013	10	3.10	0.4	10	70	<0.5	<2	0.11	<0.5	7	14	8	2.51	<10	0.05	20	0.21	526	2	0.02	8	1330	12	<10	13	0.12	<10	<10	46	<10	50	--

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•Analytical Chemists •Geochemists •Registered Assayers

CERTIFICATE OF ANALYSIS

TO : VANGEOCHEM LAB LTD.

1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C.
V7P 2S3

CERT. # : A8515619-001-A
INVOICE # : I8515619
DATE : 12-SEP-85
P.O. # : NONE
AZIMUTH GEOLOGICAL

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
CC: GREG CROWE

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
5401	0.94	0.2	<10	30	<0.5	<2	0.84	<0.5	18	34	57	3.83	<10	0.15	10	0.56	294	14	0.09	8	740	4	<10	19	0.34	<10	<10	64	<10	30	--	--
5402	0.13	106.0	10	20	<0.5	234	0.05	0.5	16	238	2011	7.34	<10	0.05	<10	0.01	44	5	<0.01	7	80	118	<10	3	<0.01	<10	<10	2	<10	10	--	--
5409	0.33	104.0	<10	10	<0.5	10	0.26	2.0	1	342	381	1.24	<10	0.01	<10	0.05	127	435	<0.01	5	280	3114	<10	17	<0.01	<10	<10	14	<10	60	--	--
5411	2.06	64.0	<10	30	<0.5	<2	1.29	4.0	8	145	196	2.22	<10	0.20	20	0.96	564	122	0.02	6	1230	2774	<10	97	0.12	<10	<10	50	<10	350	--	--
5419	1.20	3.2	<10	100	<0.5	2	1.99	0.5	10	144	9	2.83	<10	0.51	10	0.38	411	1	0.03	4	1240	54	<10	70	0.01	<10	<10	17	<10	30	--	--
5425	0.08	98.0	<10	10	<0.5	410	0.05	0.5	31	234	1406	8.54	<10	0.01	<10	0.01	38	7	<0.01	1209	60	126	<10	3	<0.01	<10	<10	<1	<10	10	--	--
5426	1.51	0.2	<10	160	<0.5	2	0.47	<0.5	10	65	50	3.45	<10	0.41	20	0.67	1095	<1	0.05	5	1330	6	<10	26	0.02	<10	<10	67	<10	40	--	--
5427	0.24	14.2	<10	30	<0.5	40	0.03	<0.5	2	330	43	1.79	<10	0.12	<10	0.04	104	3	<0.01	8	180	178	<10	1	<0.01	<10	<10	5	<10	<10	--	--
5433	0.05	0.2	<10	<10	<0.5	48	0.09	<0.5	<1	466	1	0.42	<10	<0.01	<10	<0.01	79	1	<0.01	10	30	6	<10	7	<0.01	<10	<10	3	<10	<10	--	--
5443	0.87	0.2	<10	40	<0.5	18	2.16	<0.5	4	257	19	2.45	<10	0.04	10	0.08	742	5	<0.01	10	590	18	<10	11	0.02	<10	<10	28	<10	30	--	--
																															--	--
5459	1.92	0.4	<10	120	<0.5	<2	1.34	<0.5	10	103	98	4.82	<10	0.21	10	0.64	330	3	0.18	421	980	26	<10	83	0.36	<10	<10	119	<10	50	--	--
5460	2.73	0.2	<10	170	<0.5	<2	1.55	<0.5	18	92	57	4.36	<10	0.27	10	1.07	315	<1	0.31	10	880	18	<10	129	0.27	<10	<10	156	<10	50	--	--
5464	0.10	7.8	60	<10	<0.5	<2	0.22	1.5	207	128	61	27.03	<10	0.01	<10	0.04	68	21	<0.01	717	40	174	<10	6	0.01	<10	<10	<1	<10	30	--	-
G 5401 ROCK	0.74	0.2	<10	20	<0.5	<2	0.60	<0.5	18	11	58	3.75	<10	0.11	10	0.40	217	7	0.05	12	700	30	<10	14	0.25	<10	<10	47	<10	30	--	--
J 5402 ROCK	0.06	64.0	<10	10	<0.5	110	0.02	<0.5	12	12	755	5.17	<10	0.03	<10	0.01	57	3	<0.01	11	70	84	<10	2	<0.01	<10	<10	1	<10	10	--	--

SAW (744)

HIDDEN HAND (408)
LI1139

WASHINGTON
LI1138

INDEPENDENT
LI1136

EMPIRE 2 (727)

EMPIRE 4 (729)

EMPIRE 1 (726)

EMPIRE 6 (728)

INLAND EMPIRE
L3880

GLENDALE (444)

BERLIN
LI1157

INLAND FR.
LH156

SAGINAW FR.
L3881

LI1137

A&G FR.
LI4469

ALICE L.
L4331

SAGINAW
L3879

PERKY 7 (417)

PERKY 8 (418)

PERKY 5 (415)

PERKY 6 (416)

LI4571

LI4569

LI4567

LI4563

LI4565

LI4570

LI4564

LI4566

B.C.
LI3489

EMPIRE 5 (730)

HANS FRACTIONS (419)

PERKY 4 (414)

DULUTH
LI2940

U.S.
LI3490

ALBION FR.
LI2491

ALBION 2
LI2489

BONANZA
L5718

PERKY 3 (413)

DEN 1 (433)

DEN 3 (435)

DEN 4 (436)

ROYAL KANGAROO
L5002

DUBROVNIK
L5436

PERKY 2 (412)

PERKY 1 (411)

CALIFORNIA
L5001

CASCADE
L5000

NEW BONANZA
L5717

DEN 5 (437)

DEN 6 (438)

LUCKY 4 (431)

LUCKY 5 (432)

BONANZA 3
L5003

OUR HOME
L5004

NUGGET 1 (420)

NUGGET 2 (421)

DEN 7 (439)

DEN 8 (440)

LUCKY 3 (430)

IRON (731)

JOY 3 (697)

NUGGET 3 (422)

LUCKY 2 (429)

NUGGET 4 (423)

LUCKY 1 (428)

NUGGET 5 (424)

NUGGET 6 (423)

NUGGET 8 (427)

NUGGET 7 (426)

Bonanza Creek

Orion Creek

Iron Creek

Coryell Creek

Ecsy

Ecqsy

P-JKv

P-JKvb

P-JKls

JKqm

JKm

Td

Tl

4900 4800 4700 4600 4500 4400 4300 4200 5000 5100 5200 5300 5400 5500 5600

100 50 0 100 200 300 400 Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,733

LEGEND

TERTIARY

/T/ MAFIC DYKES: l=lamprophyre, d=diorite/gabbro porphyry

EOCENE

/Ec/ CORYELL DYKES: feldspar/biotite porphyry, fine grained syenite - granite

Ec CORYELL INTRUSIVES: sy = syenite, qsy = quartz syenite

JURASSIC AND/OR CRETACEOUS

JK NELSON INTRUSIVES: qm= quartz monzonite, m = monzonite

PENNSYLVANIAN - JURASSIC AND/OR CRETACEOUS

PJK MOUNT ROBERTS FORMATION / ROSSLAND GROUP: v = andesite to basaltic flows and tuffs with local dacitic units, vb = andesitic breccia, l = limestone

SYMBOLS

- Geological contact (defined, approximate)
- Bedding (tops inclined, vertical)
- Foliation (inclined, vertical)
- Joint
- Shear
- Vein, quartz unless specified
- Shaft
- Adit
- Pit
- Open Cut
- Trench
- Outcrop Area
- Dump

BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

GEOLOGY MAP

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:5000	82E/1E	FIGURE 2
AUGUST, 1985		

SAW (744)

HIDDEN HAND (408)

L11139

WASHINGTON L11138

INDEPENDENT L11136

EMPIRE 2 (727)

EMPIRE 1 (726)

EMPIRE 4 (729)

EMPIRE 6 (728)

EMPIRE 5 (730)

INLAND EMPIRE L3880

INLAND FR. L11156

GLENDALE (444)

BERLIN L11157

L11137

A&G FR. L14469

ALICE L. L4331

B.C. L13489

U.S. L13490

DEN 1 (433)

DEN 3 (435)

DEN 4 (436)

DEN 5 (437)

DEN 6 (438)

DEN 7 (439)

DEN 8 (440)

ALBION 2 L12489

ALBION FR. L12491

ROYAL KANGAROO L5002

CALIFORNIA L5001

CASCADE L5000

LUCKY 4 (431)

LUCKY 5 (432)

BONANZA 3 L5003

OUR HOME L5004

LUCKY 3 (430)

LUCKY 2 (429)

LUCKY 1 (428)

DUBROVNIK L5436

BONANZA L5718

NEW BONANZA L5717

SAGINAW FR. L3881

SAGINAW L3879

PERKY 7 (417)

PERKY 8 (418)

PERKY 5 (415)

PERKY 6 (416)

PERKY 4 (414)

PERKY 3 (413)

PERKY 2 (412)

PERKY 1 (411)

HANS FRACTIONS (419)

DULUTH L12940

NUGGET 1 (420)

NUGGET 2 (421)

NUGGET 3 (422)

NUGGET 4 (423)

NUGGET 5 (424)

NUGGET 6 (423)

NUGGET 7 (426)

NUGGET 8 (427)

JOY 3 (697)

IRON (731)

L14569

L14565

L14567

L14563

L14570

L14564

L14566

L14571

INLAND EMPIRE
dump 0.108 oz/t Au
2.80 oz/t Au

ALICE L. - BERLIN
dump 1.198 oz/t Au 11.61 oz/t Ag
0.130 oz/t Au 0.62 oz/t Ag

DUBROVNIK
1.4 m 0.196 oz/t Au

U.S.
dump 0.038 oz/t Au

TEST PIT L13
T001-T004

ALBION VEIN
dump 1.070 oz/t Au
1.144 oz/t Au
0.57 m 0.02 oz/t Au

DULUTH
grab 0.068 oz/t Au

BONANZA VEIN
1.0 m 2.038 oz/t Au 7.34 oz/t Ag
1.0 m 0.334 oz/t Au 1.87 oz/t Ag

AMAZON
dump 0.274 oz/t Au
0.5 m 0.086 oz/t Au

TEST PIT L3
T001 - T005
30 ppb to 80 ppb Au

EAST ST THOMAS VEIN
0.2 m 0.042 oz/t Au

MAGNETITE ADIT
0.8 m 0.220 oz/t Au

Bonanza Creek

Orion Creek

Iron Creek

Coryell Creek

100 50 0 100 200 300 400
Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,733

LEGEND

- 1981 Grid
- 1985 Grid Lines
- 05444 Sample Location
- Soil Test Pit
- Vein
- Adit
- Shaft
- Open Cut
- Pit
- Trench

N
250° Tx Seattle
105° Tx Annapolis

BIG SHEEP CREEK GROUP
GRANVILLE MOUNTAIN, B.C.

GEOPHYSICAL AND GEOCHEMICAL
GRID LOCATION AND
ROCK SAMPLE LOCATION

FOR: PROMINENT RESOURCES CORP.

BY: AZIMUTH GEOLOGICAL

1:5000	82E/1E
AUGUST, 1985	FIGURE 5