

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**19,606**

**GEOLOGICAL, GEOPHYSICAL, AND GEOCHEMICAL  
COMPILATION ON  
CONSOLIDATED POWERGEM RESOURCE CORPORATION'S  
ALBINO LAKE PROJECT  
(ALPHA, BETA, GAMMA, EPSILON, OMEGA, RHO, PI, DELTA PHI CLAIMS)**

**SKEENA MINING DIVISION  
BRITISH COLUMBIA**

**NTS 104B/9W, 10E**

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**December 15, 1989**

**OREQUEST**



## SUMMARY

The Albino Lake Project consists of nine claims in the active Iskut - Sulphurets area of British Columbia. These claims lie approximately 2.5 km north of the Calpine Resources Inc. / Stikine Resources Ltd., Eskay Creek deposit. This report summarizes the airborne geophysical survey, preliminary geological, geochemical and grid based geophysical work and presents an evaluation of the property's potential to host an economic precious metals deposit.

The exploration program focused on tracing the extension of the geophysical anomalies thought to be associated with the Eskay Creek 21 Zone mineralization. A property wide program of mapping (1:10,000 scale), prospecting, rock (88 samples), soil (363 samples) and silt (58) sampling was also undertaken to determine the stratigraphy within the property boundaries, and to locate and evaluate the favourable Mt. Dilworth-Salmon River Formation sequence. The program commenced on July 4, 1989 and was completed by October 15, 1989.

A cut grid and a flagged grid, totalling 14.5 km, were established on the eastern portion of the property, Pi claim, to test for the possible strike extension of the 21 Zone mineralization, identified on the Calpine Resources Inc. / Stikine Resources Ltd., Eskay Creek property. The VLF-EM survey over both gridded areas identified several weak conductors which may be associated with the 21 Zone trend. A magnetometer survey over the same area was also carried out, although with limited effectiveness due to magnetic storms at that time. Some spot highs were located which correlate well with the airborne magnetic data. This area is underlain by an unknown thickness of Middle Jurassic sediments which limit the effectiveness of mapping and conventional geochemical techniques.

Mapping and prospecting of the western portion of the property resulted in the discovery of narrow high grade quartz-copper-silver veins which assayed up to 1.58 oz/ton silver and 2.82% copper over 2.0 m and from which grab samples also assayed 7.08 oz/ton silver and 10.61% copper.

Further work on the property will require drilling to test for the source of the geophysical anomalies as well as the thickness of the sedimentary cover. Costs of this program are estimated at \$250,000.

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## INTRODUCTION

This report on the Albino Lake Project was commissioned by Prime Explorations Ltd. on behalf of Consolidated Powergem Resource Corporation. The work program was carried out by OreQuest Consultants Ltd. under the direction of Prime Explorations Ltd.

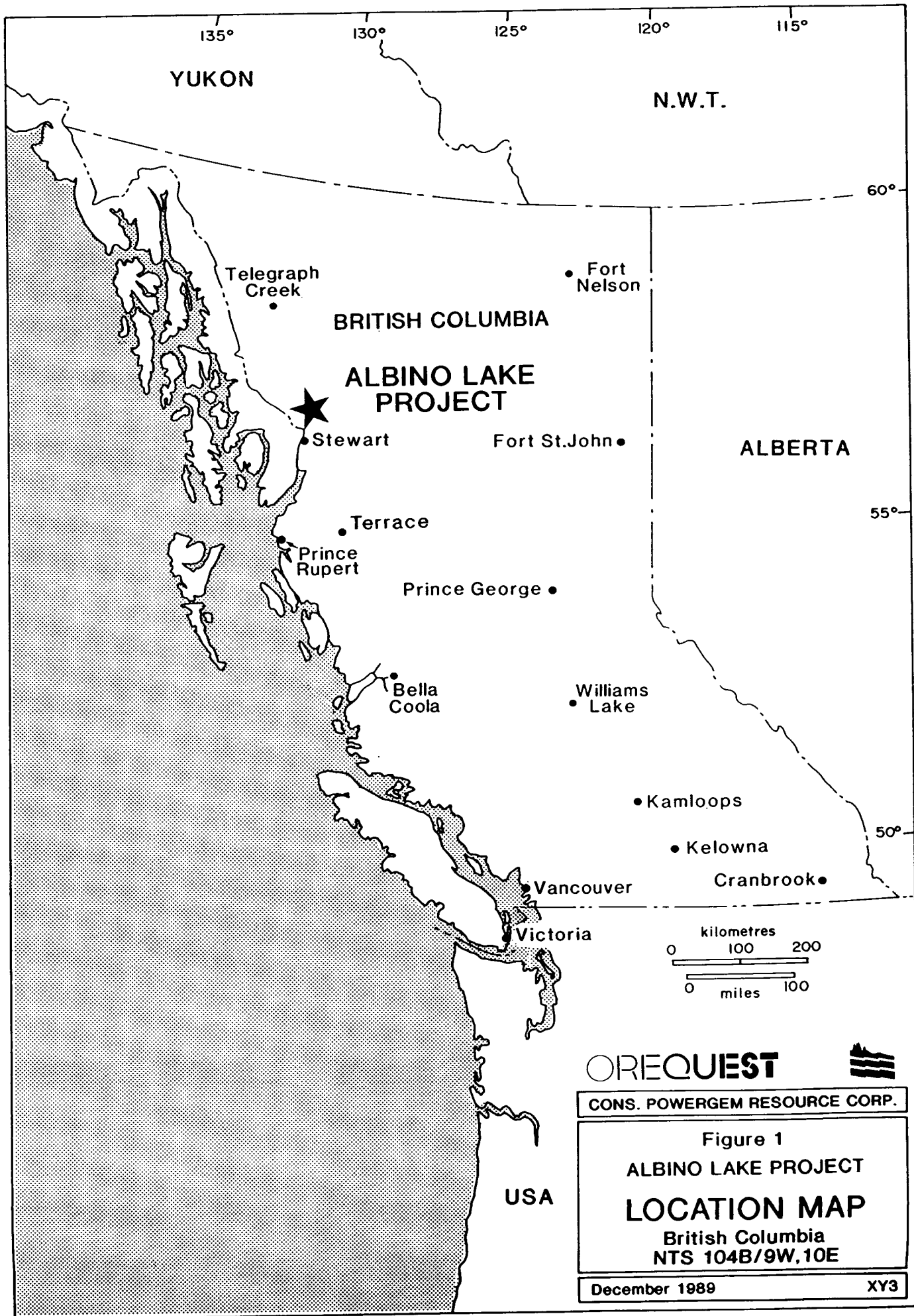
The information contained within this report was obtained through execution and supervision of the work program, materials listed in the bibliography, knowledge of the airborne geophysical and geochemical data from the Eskay Creek and surrounding properties as well as familiarity with the Iskut-Sulphurets area gained by OreQuest on behalf of various clients in 1987, 1988 and 1989.

The report summarizes the airborne geophysics and field work carried out during the period of July through October 1989 and presents an evaluation of the property's potential to host an economic precious metals deposit. Recommendations are made for an exploration program to further evaluate the property.

## LOCATION AND ACCESS

The Albino Lake property is located in northwestern British Columbia, approximately 100 kilometers northwest of Stewart as shown in Figure 1. The claims are situated within NTS map-sheet 104B/9W and 104B/10E and centered about 56°41' north latitude and 130°28' west longitude in the Skeena Mining Division.

The property comprises two adjoining blocks of claims, one of which lies 2.5 km north of the Calpine Resources Inc. / Stikine Resources Ltd. Eskay Creek property, while the other block lies immediately west of the 21 Zone mineralization.



YUKON

N.W.T.

BRITISH COLUMBIA

ALBERTA

**ALBINO LAKE PROJECT**

Telegraph Creek

Fort Nelson

Stewart

Fort St. John

Terrace

Prince Rupert

Prince George

Bella Coola

Williams Lake

Kamloops

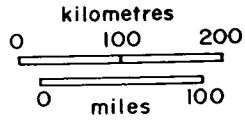
Kelowna

Cranbrook

Vancouver

Victoria

USA



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Figure 1  
**ALBINO LAKE PROJECT**  
**LOCATION MAP**  
 British Columbia  
 NTS 104B/9W,10E

December 1989

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Access to the claims is by helicopter. Airstrips are located at the Johnny Mountain Mine, on Bronson Creek at the Snip deposit, both approximately 40 km to the west, and at Snippaker Creek approximately 10 km to the southwest. Float or ski-equipped aircraft can land on Tom McKay Lake 2 km to the southwest. The Bell-Irving Crossing (Bell II) on the Stewart-Cassiar Highway, approximately 25 km to the east can also be used for shipment of supplies.

Frequent scheduled and charter flights from Smithers (330 kilometers to the southeast) to the Bronson Creek strip service the exploration and mining activity in the area. The Johnny Mountain airstrip is serviced regularly from Terrace. The Snippaker Creek airstrip would require improvement before use by small aircraft. Numerous helicopters are generally available in the area for casual charter during the summer field season. A year round helicopter supported winterized camp has been established on the Eskay Creek property.

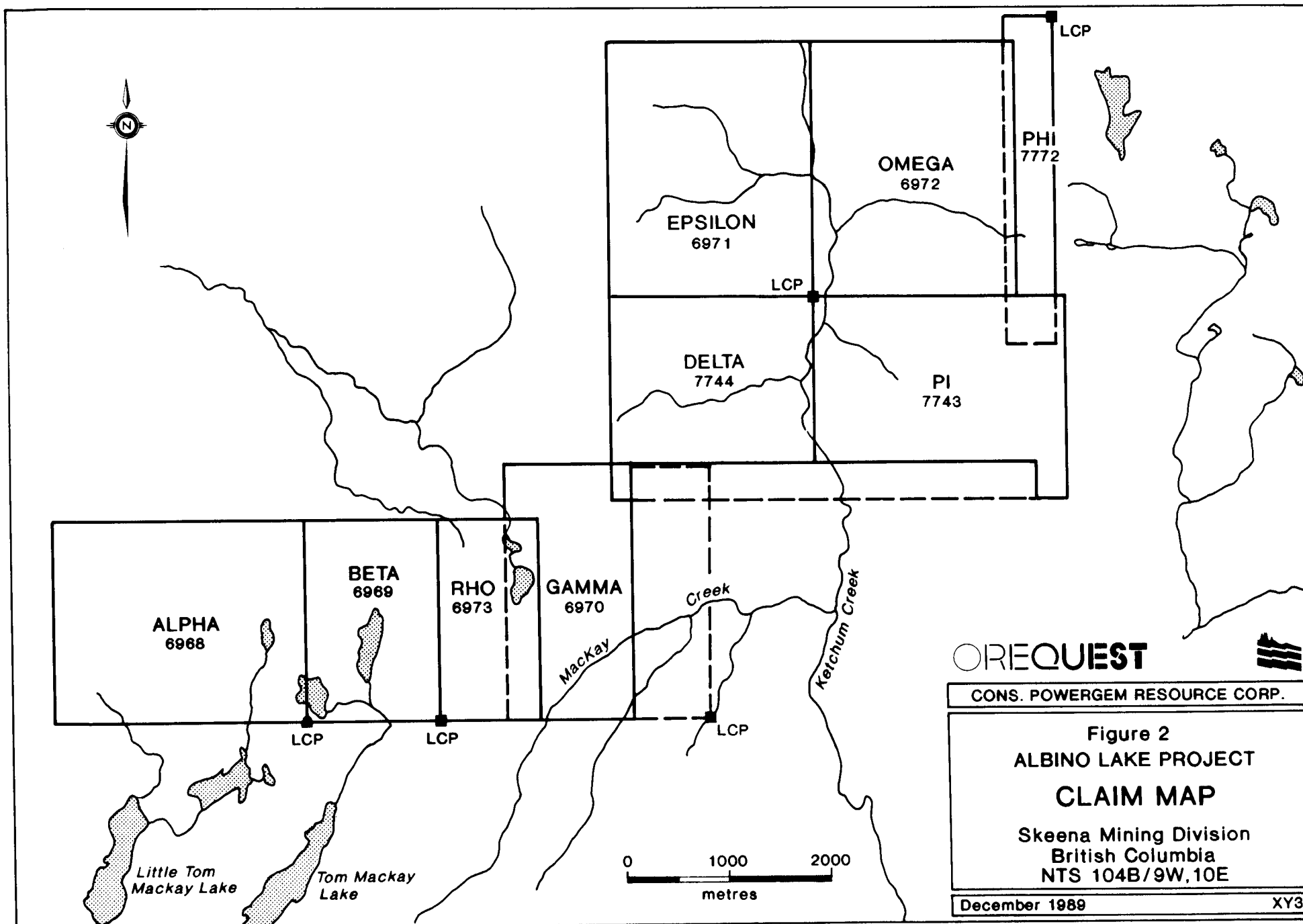
#### CLAIM STATUS AND OWNERSHIP

The Albino Lake property comprises 9 mineral claims, consisting of 142 units as listed in the table below. As shown in Figure 2 all claims are situated within the Skeena Mining Division.

TABLE I

Claim Name	Record Number	Units	Date of Record	Expiry Date
Alpha	6968	20	Oct. 30, 1988	Oct. 30, 1995
Beta	6969	12	Oct. 30, 1988	Oct. 30, 1995
Gamma	6970	20	Nov. 1, 1988	Nov. 1, 1995
Epsilon	6971	20	Oct. 31, 1988	Oct. 31, 1995
Omega	6972	20	Oct. 31, 1988	Oct. 31, 1995





Claim Name	Record Number	Units	Date of Record	Expiry Date
Rho	6973	8	Nov. 2, 1988	Nov. 2, 1995
Pi	7743	20	July 25, 1989	July 25, 1995
Delta	7744	16	July 27, 1989	July 27, 1995
Phi	7772	6	Aug. 1, 1989	Aug. 1, 1995

The property is the subject of a joint venture agreement between Consolidated Powergem Resource Corp. which owns the Epsilon, Omega, Pi, Delta and Phi claims and Tamavack Resources Inc. which owns the Alpha, Beta, Gamma and Rho claims. Calvada Resources Inc. has an option whereby they may earn up to a 25% interest through funding 50% of the current exploration program.

#### CLIMATE, PHYSIOGRAPHY AND VEGETATION

Elevations on the Albino Lake property range from 750 m in the river valleys at the east side of the property up to 1900 m on the unnamed peak to the west. Slopes range from moderate to very precipitous.

Low lying regions are vegetated by mature mountain hemlock and balsam. This changes to subalpine and alpine vegetation consisting of stunted shrubs and grasses. The western block of claims cover an icefield on the western peak and slope down to a plateau on the east.

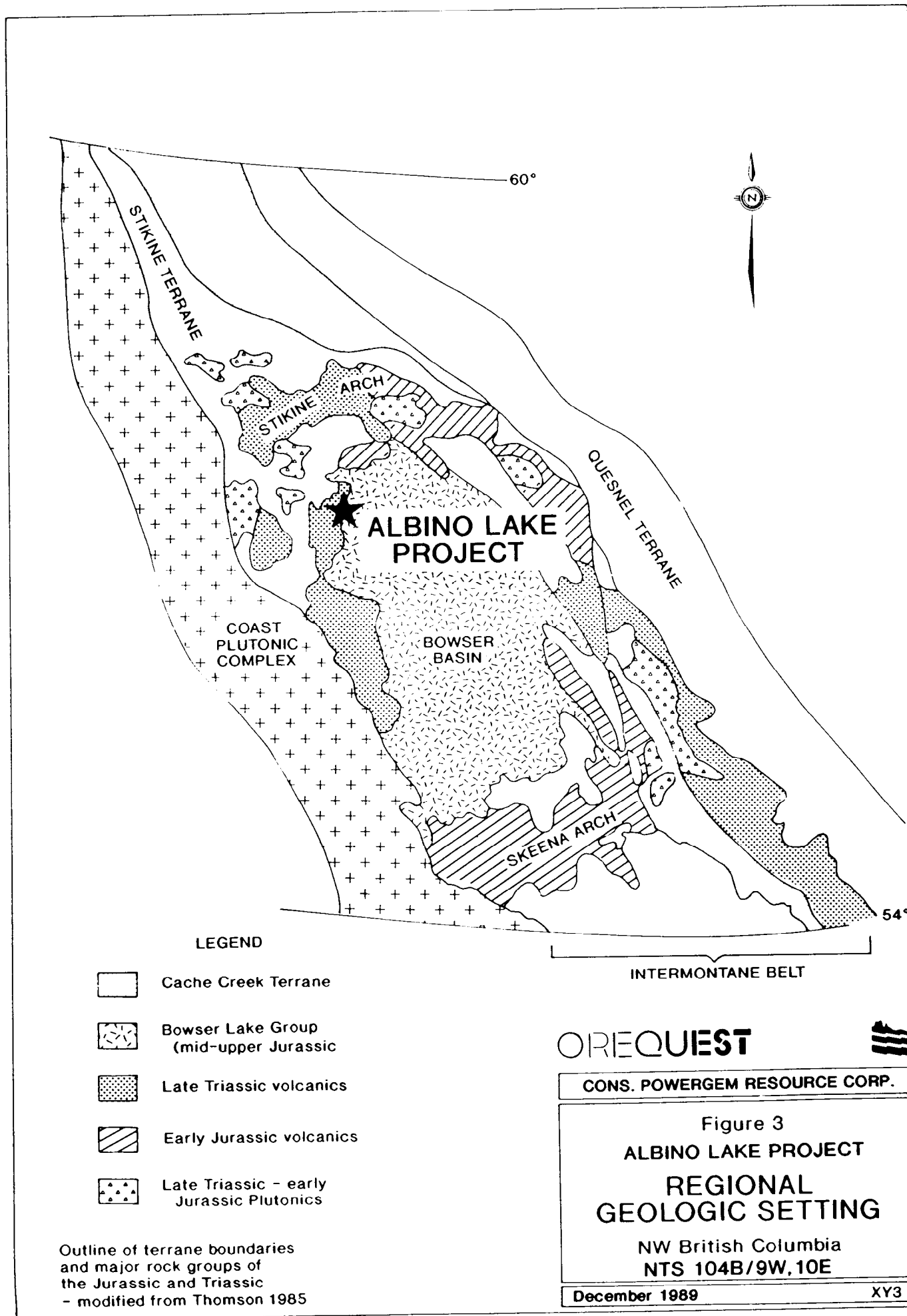
Climate in the area is severe, particularly at the higher elevations. Heavy snowfalls in winter and rain in the short summer working season are typical of the Iskut-Sulphurets area. Inclement weather conditions and reliance on helicopter transport make this a high cost area to explore for minerals.

## REGIONAL GEOLOGY AND MINERALIZATION






The property lies within the Intermontane Tectono-Stratigraphic Belt - one of five parallel, northwest-southeast trending belts which comprise the Canadian Cordillera (Figure 3). The claims cover the contact between the Stikine Terrane, which makes up most of the western half of the Intermontane Belt, and the unmetamorphosed sediments of the Bowser Basin.

Regional mapping indicates that the property is underlain by a large embayment of Upper Triassic to Lower Jurassic strata exposed along the western edge of the Bowser Basin which Grove (1986), who completed the first mapping and compilation of the entire region, has termed the Stewart Complex. This Complex is bordered by the Coast Plutonic Complex to the west, the Bowser Basin to the east, Alice Arm to the south and the Iskut River to the north.

The Stewart Complex is well known as the setting for the Iskut, Sulphurets, Stewart, and Alice Arm (Kitsault) precious metal mining camps (Alldrick, 1989, p.233). The oldest units in the Stewart Complex are Upper Triassic epiclastic volcanics, marbles, sandstones, and siltstones. These are overlain by sedimentary and volcanic rocks of the Hazelton Group. However, precise nomenclature for early to Middle Mesozoic strata is still evolving and several workers have proposed differing subdivisions within the Hazelton Group (eg. Grove, 1986; Alldrick, 1989). Most generally the Group has been subdivided into the Lower Jurassic Unuk River and Betty Creek Formations, Middle Jurassic Salmon River and the Upper Jurassic Nass Formation. Upper Jurassic sedimentary rocks were identified as the Nass Formation by Grove (Grove, 1986) and included by him in the Hazelton Group. More recently the Salmon River Formation has been included in the Middle Jurassic Spatzizi Group



**LEGEND**

-  Cache Creek Terrane
-  Bowser Lake Group (mid-upper Jurassic)
-  Late Triassic volcanics
-  Early Jurassic volcanics
-  Late Triassic - early Jurassic Plutonics

Outline of terrane boundaries and major rock groups of the Jurassic and Triassic - modified from Thomson 1985

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**Figure 3  
ALBINO LAKE PROJECT  
REGIONAL  
GEOLOGIC SETTING**

NW British Columbia  
NTS 104B/9W,10E

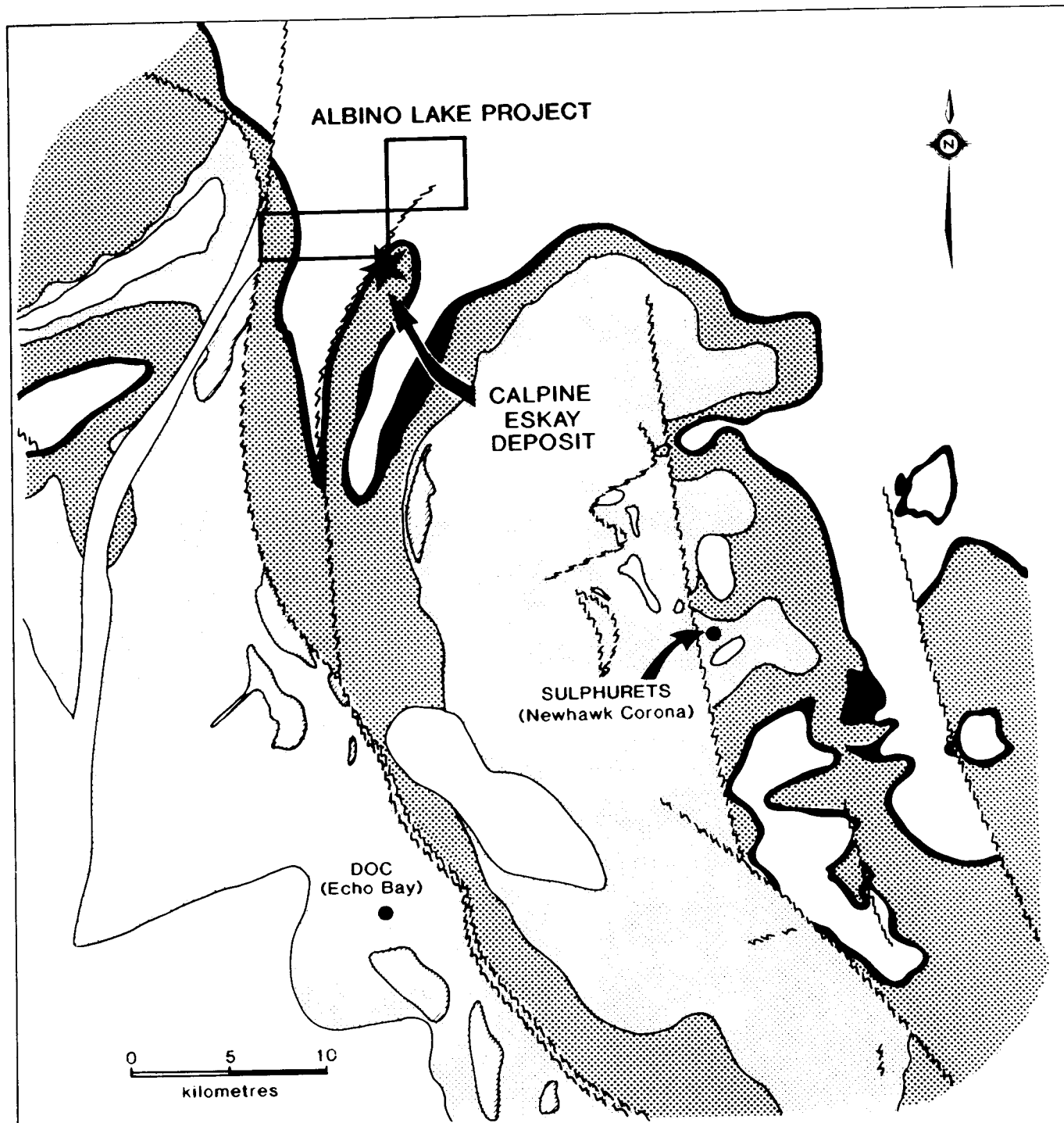
December 1989

XY3

underlying the late Middle Jurassic Ashman Formation which is considered part of the Bowser Group (Alldrick, 1989). Alldrick has studied the facies changes within the Stewart Complex, using an andesitic stratovolcano model to establish proximal, intermediate and distal members, which accumulated in both subaerial and submarine environments, and added the Mt. Dilworth Formation between the Betty Creek and Salmon River Formations (Figure 4).

The Unuk River Formation consists predominantly of volcanic rocks and sediments which include lithic tuffs, pillow lavas with carbonate lenses, and some thin bedded siltstones. It forms an angular unconformity with the underlying Upper Triassic units. Betty Creek Formation rocks are characterized by bright red and green volcanoclastic agglomerates, with sporadic intercalated andesitic flows, pillow lavas, chert, and some carbonate lenses. These unconformably overlie the Unuk River Formation. The Mt. Dilworth Formation consists of dioritic to rhyolitic lapilli to ash tuffs to flows with argillaceous sediments. The Salmon River Formation is a thick assemblage of intensely folded colour banded siltstones and lithic wackes that form a conformable to disconformable contact with the underlying Betty Creek or Mt. Dilworth Formation. Weakly deformed dark coloured argillites and wackes of the Ashman Formation unconformably overlie the Salmon River Formation.

These volcanic and sedimentary successions were intruded by the Coast Plutonic Complex during the Cretaceous and Tertiary periods. A wide variety of intrusive phases is present including granodiorite, quartz monzonite, and diorite. Small satellite plugs from the larger batholiths can be important for localizing mineralization.



Regional Geology from Alldrick, 1989

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Figure 4  
ALBINO LAKE PROJECT

**REGIONAL  
GEOLOGY**

British Columbia  
NTS 104B/9W, 10E

December 1989

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PERIOD	FORMATION	GROUP
M Jur	Ashman	BOWSER LAKE
190 Ma	Salmon River	SPATSIZI
	Mount Dilworth	
L Jur	Betty Creek	HAZELTON
210 Ma	Unuk River	
		STUHINI
U Tri		

6 Km

Major structural features of the Stewart Complex include the western boundary contact with the Coast Intrusive Complex. The northern boundary is at the Iskut River where extensive deformation has thrust Paleozoic strata south across Middle Jurassic and older units. Younger faulting has also occurred around the Iskut. A line of Quaternary volcanic flows marks the southern limit of the complex and the Meziadin Hinge defines the eastern border.

The Stewart area has been mined actively since the early 1900's and is one of the most prolific mining districts in British Columbia (Grove, 1971). Mineralization in this camp has been classified into three categories: precious metal bearing fissure and replacement veins, massive sulphide deposits and gold-bearing porphyry copper deposits (Grove, 1986)

More recent exploration and development activity has focused on vein and fissure vein gold mineralization in the northern part of the Stewart Complex, in the Iskut River-Sulphurets area, where several new discoveries have been made. As summarized by Alldrick et al (1989b):

"Country rocks are Upper Triassic to Lower Jurassic Hazelton Group andesitic pyroclastics and related sedimentary rocks. Characteristic ore minerals include electrum, native gold and silver, as well as silver sulphosalts. Base metals are present in recoverable amounts in some deposits. The ore deposits and alteration assemblages are typical of mesothermal to epithermal vein systems in island arc environments. Combined age dates from lead isotope studies indicate that the early Jurassic volcanic and intrusive host rocks and the mineralization are essentially coeval; they formed about 195 million years ago. This age is similar to deposits in the Stewart and Alice Arm mining camps to the south, and the Toodoggone camp to the east - all hosted in Hazelton Group Rocks.

All original discoveries resulted from prospecting programs, although follow-up rock geochemistry surveys have identified additional mineral zones nearby and induced polarization surveys have successfully delineated high-sulphide areas within large alteration zones. Typical prospect evaluation involves initial sampling of blasted bedrock trenches followed by large-diameter diamond drilling. Regionally, the two mining camps stand out as strong geochemical anomalies in gold and silver, but associated or "pathfinder" elements differ between the camps: the Iskut area is anomalous in lead, zinc, copper, and cobalt; the Sulphurets area is anomalous in copper, arsenic, antimony, mercury, barium, and fluorine."

The Iskut-Sulphurets belt is at a relatively early stage of exploration as new surface showings continue to be found. Despite its frontier status, two new gold mines have begun production (Skyline Gold Corp.'s Johnny Mountain Mine and Catear Resources Ltd.'s Goldwedge) and two more properties are in advanced stages of underground development and in-fill drilling (Cominco Ltd./Prime Resources Corp.'s Snip deposit and Newhawk/Granduc/Corona's West Zone). Reserves of these deposits are to date moderate in tonnage but impressive in grade. All are at least partly open along strike and to depth.

The Iskut area originally attracted interest at the turn of the century when prospectors, returning south from the Yukon goldfields searched for placer gold and staked bedrock gossans. In the 1970's the porphyry copper boom drew exploration into the area. The new era of gold exploration began with the 1979 option of the Sulphurets claim block by Esso Minerals Canada and the 1980 acquisition of the Mount Johnny claims by Skyline Explorations Ltd. Skyline commissioned its mill in July, 1988. Cominco Ltd. and Prime Resources Corp. are projected to announce a feasibility decision on the adjacent Snip deposit in early



1990. There has been limited production from Catear Resources Ltd.'s Goldwedge Zone where the mill was commissioned in June 1988.

Beyond these projects, and except for limited early placer gold recovery from some creeks, the area has had no mineral production history. Since 1979, more than 70 new mineral prospects have been identified, though ground acquisition was relatively slow until the fall of 1987 when the promising results of summer exploration programs became known and the provincial government announced the upcoming release of analytical results from a regional stream sediment survey. By April 1988, all open ground had been staked. More than 60 companies hold ground in the Iskut-Sulphurets belt but to date only small areas within this 40x80 kilometre district have received extensive exploration.

In the Sulphurets Creek camp, southeast of the Albino Lake Project near Brucejack Lake, the West Zone of Newhawk Gold Mines Ltd./Granduc Mines Ltd./Corona Corporation is reported to contain 854,072 tons grading 0.354 oz/t gold and 22.94 oz/t silver while the Snowfield Gold Zone and Sulphurets Lake Gold Zone are bulk tonnage low grade deposits containing 7.7 million tons of 0.075 oz/t gold and 20 million tons of 0.08 oz/t gold respectively (GCNL August 24, 1989). Catear Resources Ltd.'s Gold Wedge Zone is reported to contain 146,437 tons of 0.827 oz/t gold and 2.56 oz/t silver in a similar setting.

The Doc deposit, located to the south of the Albino Lake property, hosts 470,000 tons grading 0.27 oz/t gold and 1.31 oz/t silver, within a series of high grade but narrow quartz veins.

On the Snip property the Twin Zone, a 3 to 25 ft. thick discordant shear vein cuts a thickly bedded sequence of intensely carbonatized feldspathic wackes and siltstones. Twin Zone reserves in all categories have been reported as 1,032,000 tons of 0.875 oz/t ton gold (Prime Resources, 1989). This does not include additional reserves which may be developed outside the Twin Zone when mining begins. Twin Zone mineralization occurs in a banded shear zone comprising alternating bands of massive calcite, heavily disseminated to massive pyrite, crackle quartz and thin bands of biotite-chlorite.

At the Johnny Mountain deposit, reserves in all categories are estimated at 876,000 tons of 0.55 oz/t gold and 1.00 oz/t silver with copper, zinc, and lead (Northern Miner, Aug. 21, 1989). Five major areas of gold-bearing sulphide are known. The most important Stonehouse Zone consists of sulphide-potassium feldspar-quartz vein and stockwork systems which have been only partly explored.

The most recently discovered and perhaps the most exciting gold mineralization occurs on the Eskay Creek property, 2.5 km south of the northeast block and adjoining the western block of the Albino Lake claims. At the original 21 Zone discovery gold grading up to 0.73 oz/t over 96.5 ft, occurs in several distinct lithologies in a 300 ft. wide fault zone at a contact between Lower Jurassic Mt. Dilworth Formation volcanics (Northern Miner, 1988 p.20; Calpine Resources Incorporated News Release January 6, 1989) and sediments of the Salmon River Formation. More recent results have returned 0.875 oz/t gold over 682.2 ft. (CA89-109), 91.8 ft. of 0.453 oz/t gold and 16.91 oz/t silver (CA89-93) and 55.8 ft of 0.867 oz/t gold and 19.92 oz/t silver (CA89-101 - Calpine news release, August 21, 1989). The 21 Zone has now been traced over a minimum strike length of 1300 m and

remains open at depth and to the northeast. A total of \$7.0 M is expected to be spent on exploration in 1989.

The E & L deposit is situated to the southwest of the Albino Lake property. This deposit was worked in the 1960's and early 1970's by trenching, drilling and 460 m of underground development, and has proven reserves of 3.2 million tons of 0.8% nickel and 0.6% copper (MEMPR, Minfile). Mineralization consisting of disseminated pyrrhotite, chalcopyrite with minor pentlandite, pyrite and bornite occurs in a small stock of altered coarse grained gabbro.

#### HISTORY AND PREVIOUS WORK

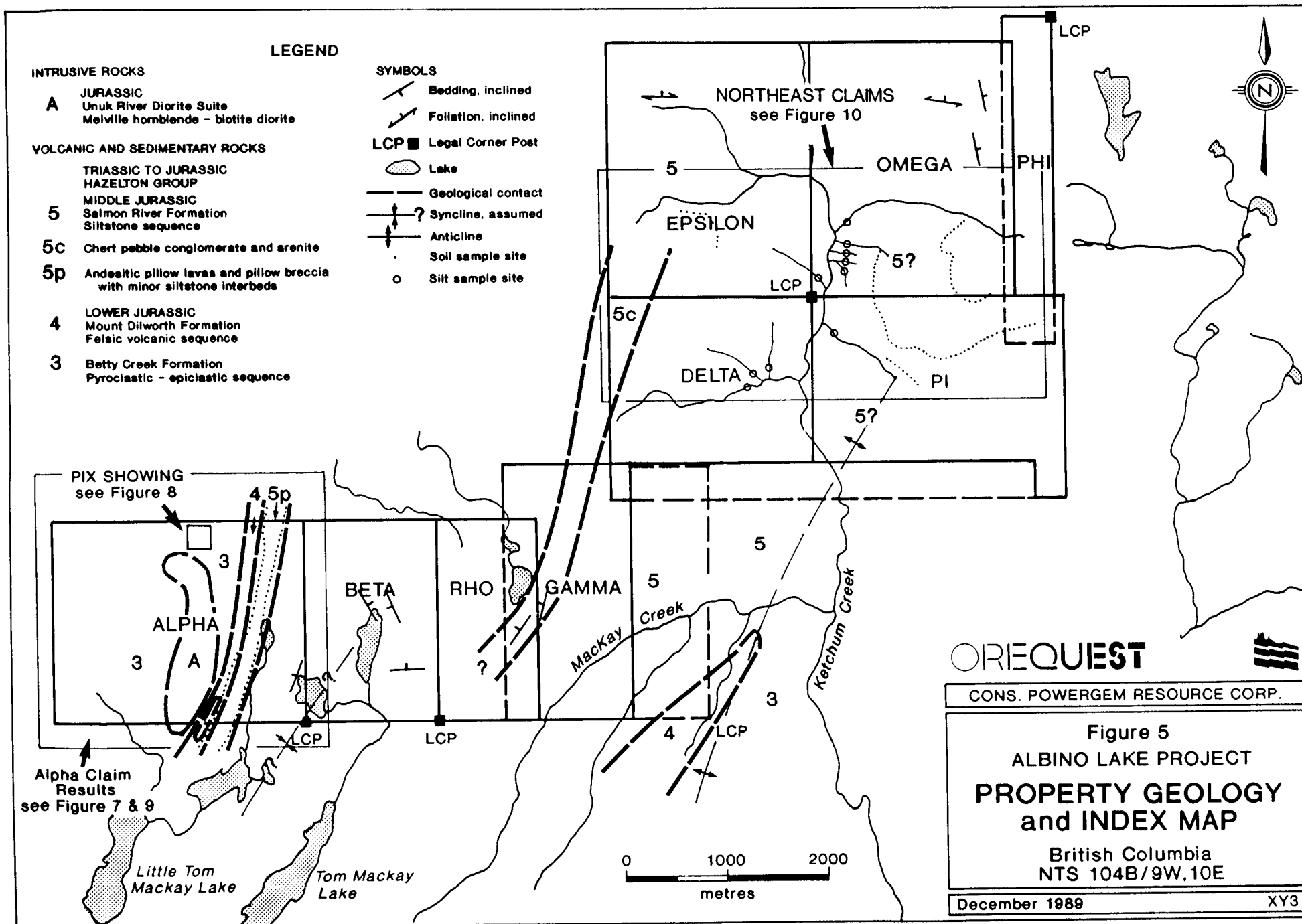
A review of material available in the government assessment files indicates that almost all of the work in the area has been confined to the Tok, Kay and Sib claims, which are currently held by Calpine Resources Inc./Stikine Resources Ltd. and American Fibre Corporation/Silver Butte Resources Ltd. Apart from government mapping the only other work in the area has been a regional stream geochemical sediment and water survey released in 1988.

Results of this joint B.C.M.E.M.P.R./Geological Survey of Canada survey have returned weakly anomalous values in zinc, nickel and cobalt from five samples collected in the property area.

#### PROPERTY GEOLOGY AND MINERALIZATION

##### Stratigraphy

The Albino Lake property is underlain by mostly volcanic and sedimentary rocks of the Lower Jurassic Hazleton and Middle Jurassic Spatzizi Groups (Figure 5).



The oldest mapped unit consists of andesitic tuffs, agglomerate and argillite of the Betty Creek Formation, which is exposed on the Alpha claim only, at the western edge of the property. The argillites are usually tightly folded, sheared and locally siliceous and limonitic on weathered surfaces. The andesitic rocks are generally undeformed and unaltered. This unit hosts both mineralized zones discovered on the property.

An exposure of rhyolitic ash tuffs and shales tentatively identified as Mt. Dilworth Formation outcrops in the southern portion of the Alpha claim. This unit 400 m by 75 m in size appears to stratigraphically overlie the Betty Creek Formation.

The Mt. Dilworth Formation is overlain by thick sequences of sediments of the Salmon River Formation (Spatzizi Group), a similar stratigraphic sequence to that seen at the Eskay Creek discovery. This unit consists of mostly shales, lesser greywacke and conglomerate with a basal andesitic horizon - individual beds range from 10 cm to tens of metres in thickness. These relatively unaltered, folded sediments cover all claim blocks except for the west half of the Alpha claim.

A large body of fine grained and feldspar porphyritic diorite intrudes the Salmon River rocks in the central area of the Alpha claim. This elongated body is approximately 1200 m long by 400 m wide and trends northerly. Presently the age of this intrusive is unknown.

Irregular rhyolite dykes intrude the andesite and diorite on the Alpha claim. These dykes are pale green, siliceous, often pyritic and are white on weathered

surfaces. In general they form a north to northwest trending swarm which is a continuation of a similar system on the Tymar Resources Inc. Lakewater property to the south. They range up to 5 m in width and over 50 m in length. To date they have been noted only within the diorite and the volcanics of the Betty Creek Formation. No definitive age is known for these dykes but it is not inconceivable that they may have been a feeder system for the rhyolitic tuffs of the Mt. Dilworth Formation, as they have not been observed intruding the Salmon River sediments.

#### Structure

The Salmon River sediments are moderately folded into what are termed similar folds, with minor faulting. The structural grain trends generally northeast with a large broad syncline, whose fold axis trends  $030^{\circ}$  and plunges  $045^{\circ}$  to the northeast, occupying the Beta claim. Related S and Z folds in the magnitude of tens of metres appear on airphotos. Chevron folding is common on outcrop scale with attitudes of fold axes averaging  $55^{\circ}$  plunge toward  $020^{\circ}$ .

A zone of faulting, trending north-northeast through the southeast corner of the Alpha claim, separates the Salmon River rocks from the mixed sequence to the west. These faults are generally subvertical in dip. To the west of this zone is an eastward younging sequence of Betty Creek, Mt. Dilworth (?) and Salmon River Formations. Folding of the Betty Creek Formation into tight similar folds is evident in the argillites in the northern part of the Alpha claim.

A north-south trending regional fault (Unuk-Harrymel Fault) lies along the west boundary of the Albino Lake property. Uplift of the western block has exposed

older Lower Jurassic and Triassic rocks to the west of the property (mapped by Alldrick, 1989).

A northeast trending, and gently north plunging, anticlinal structure has been mapped across the GNC and Eskay Creek properties, the west limb of which hosts the 21 Zone mineralization. An extension of this feature potentially could underlie the southwest corner of the Pi claim on the Albino Lake property. The basal andesitic unit of the Salmon River Formation (the target horizon) is last exposed at an elevation of 775 m in MacKay Creek. North of this point the land surface rises and all exposures are of the overlying Salmon River sediments. Ketchun Creek, the main north-south drainage on the eastern claim block, follows roughly the border between the Pi and Delta claims and is as low as 750 m in elevation at the southern border of the Pi claim.

It would be reasonable to assume that sites near Ketchun Creek would provide the closest proximity to the basal Salmon River target horizon. Eastward of this area the thickness of the sedimentary cover would increase as the land surface rises to over 1100 m in elevation, a factor to be considered in the evaluation of the geophysical anomalies.

The predominant alteration assemblages noted on the property are limonitic staining in the argillites and weak chloritic alteration of the volcanics of the Betty Creek Formation. Patchy silicification is also evident in some of the Betty Creek argillaceous sections at the Pix and Ridge showings. The mineralization at these showings on the Alpha claim consists of disseminated pyrite in the host rocks, with pyrrhotite, chalcopyrite, galena, bornite and trace of arsenopyrite in the

quartz veins. Secondary minerals in these zones include limonite, malachite, azurite and covellite.

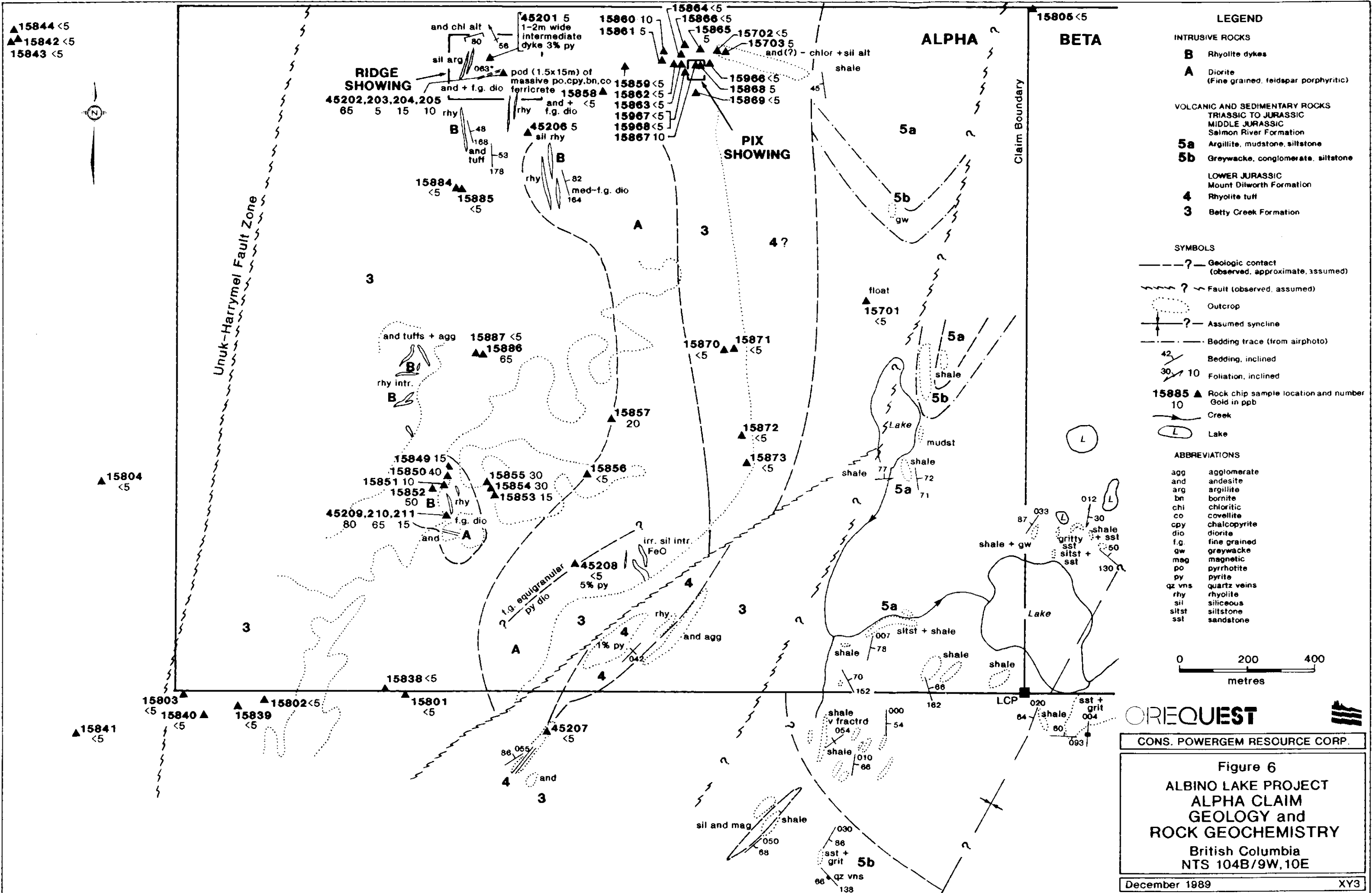
#### Pix Showing

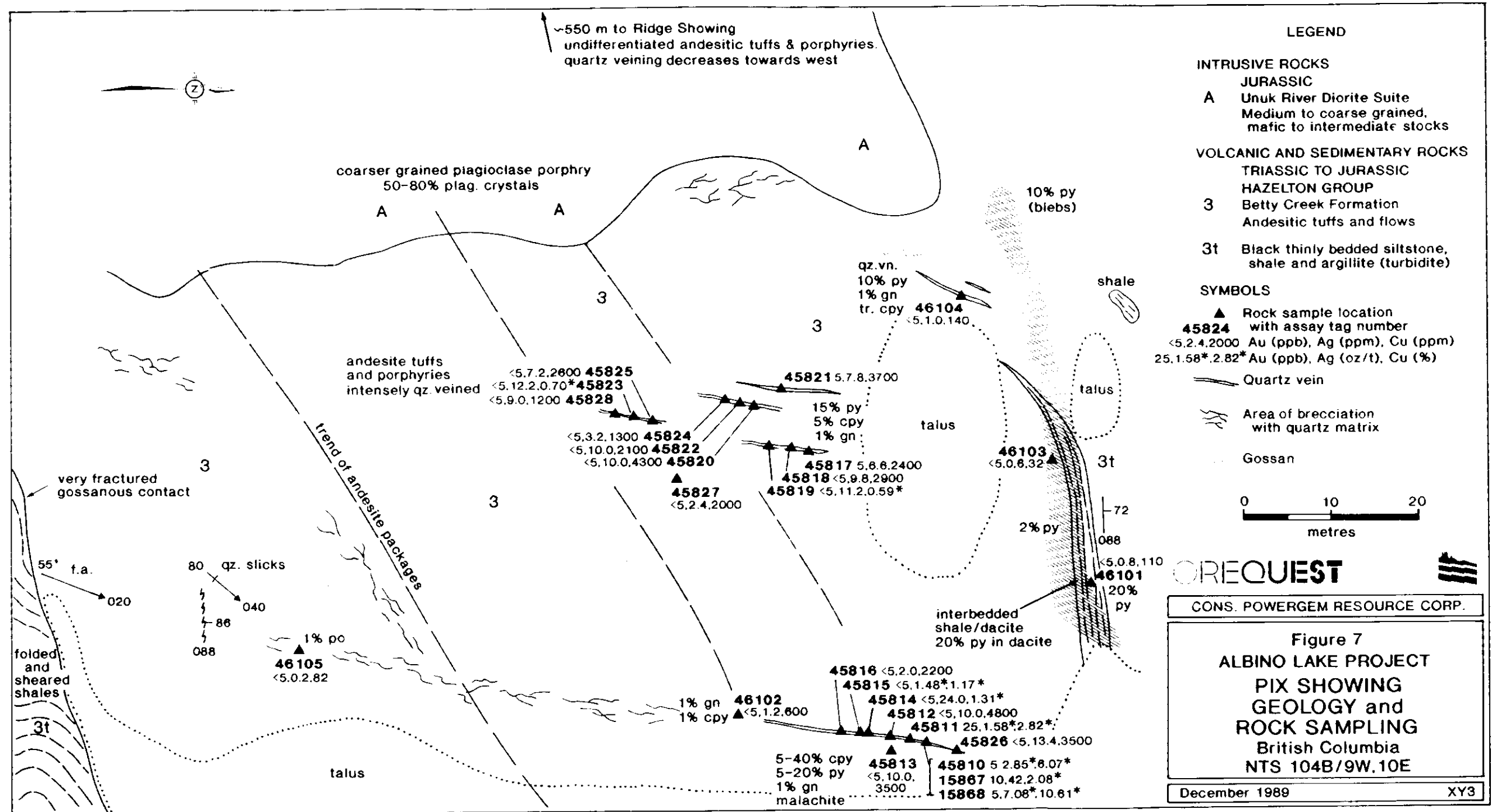
The showing is part of a weak quartz vein stockwork system over approximately 50 metres of strike length in andesitic tuffs and plagioclase porphyry. It occurs adjacent to a 5 metre wide pyritic and strongly silicified argillite unit near the north boundary of the Alpha claim (Figures 6 and 7). The andesites and shales trend generally northeast, dipping moderately to the northwest. Toward the south gossanous, sheared and folded argillites are interbedded with the andesites. No mineralization was noted in the argillites. Quartz and quartz-calcite veins cut the fractured, chloritically altered andesite. A few zones up to 2 metres wide of more intense fracturing and veining resemble a shatter breccia. Up to 1% pyrrhotite blebs (<1 mm) and traces of galena and chalcopyrite occur within the quartz stringers.

Six main quartz-sulphide veins ranging up to 50 cm wide and 20 metres long trend north-northeast, dipping moderately to steeply east. These veins contain up to 30% pyrite (disseminated and blebs), 50% chalcopyrite (massive and blebs), 2% galena (blebs) and traces of bornite and covellite. These veins are typically leached with most pyrite oxidized to limonite and with abundant malachite staining.

At least two phases of brecciation were noted in the wall rock. Drusy quartz was noted in vugs and open fractures. Wall rock alteration is limonitic and chloritic with a narrow halo (0-30 cm) of silicification.







Rock chips from the Pix Showing assayed as high as 25 ppb gold, 7.08 oz/ton silver and 10.61% copper; arsenic values were generally low. Listed below are some of the better results:

TABLE 2

Sample #	Width	Description	Results			
			Au ppb	Ag ppm (oz/ton)	Cu %	As ppm
15867	Grab	Vuggy qtz. vein with 15% py, 5% cpy, mal/az stain	10	42	2.08	72
15868*	Grab	Vuggy qtz. vein with 60% py, 5% cpy, mal/az stain	5	(7.08)	10.61	45
45810*	0.3 m	Vuggy qtz. vein with 20% py, 10% cpy, mal stain	<5	(2.85)	6.07	120
45811*	2.0 m	Sheared + veined andesite, 3% cpy, mal stain	25	(1.58)	2.82	160
45814	Grab	Vuggy qtz. vein, 2% cpy, tr. gal + mal	<5	24.0	1.31	10
45815*	Grab	Quartz vein with cpy + malachite	<5	(1.48)	1.17	60
45819	Grab	Vuggy qtz. vein 5% cpy, 15 py, tr. gal + mal	<5	11.2	0.59	70
45823	Grab	Quartz vein with 5% py, 2% cpy	<5	12.2	0.70	30
45826**	Grab	Andesite, tr cpy + galena	<5	13.4	(3500)	40

\*Silver in oz/ton

\*\*Copper in ppm

#### Ridge Showing

The Ridge Showing is located approximately 550 metres west of the Pix Showing in a similar setting (Figure 6). Siliceous rhyolite dykes intrude the diorite and andesites directly to the north. The host rocks near the mineralized zone are pyritic, partly leached, chloritic and limonitic. The zone, trending 063°, pinches out toward the southwest and trends underneath a small glacier toward the northeast to give a confirmed strike length of 15 metres.

The majority of the zone occurs as felsenmere with boulders of massive sulphide over 50 cm in width containing 90% pyrrhotite and 10% bornite-covellite.

At the edge of the glacier it outcrops as a 6 m wide fractured zone of strongly leached and altered (limonitic, weak argillic) andesite. Quartz and quartz-calcite stringers up to 5 mm (up to 10%) fill fractures. These contain 10% pyrrhotite, 5% pyrite, 2% chalcopyrite, 2% bornite-covellite and trace of arsenopyrite. Abundant limonite cementing within fractures has resulted in the formation of an in situ ferricrete.

Rock chips from the Ridge Showing assayed as high as 65 ppb gold, 3.2 ppm silver, 0.85% copper and 170 ppm arsenic (all in sample #45202). Results are as follows:

TABLE 3

Sample #	Width	Description	Results			
			Au ppb	Ag ppm	Cu ppm (%)	As ppm
45202*	Grab	Felsenmere, massive Po/Born/Cov	65	3.2	(0.85)	170
45203	2.0 m	Felsenmere, andesite with Qtz-Po-Py-Cpy-Born-Cov veins	5	1.4	2400	48
45204	2.0 m	Fractured and with Qtz-Po-Py-Cpy-Born, Cov veins	15	1.6	1500	29
45205	2.0 m	Fractured and with Qtz-Po-Py-Cpy-Born-Cov veins	10	0.6	1700	19

\*Copper in %

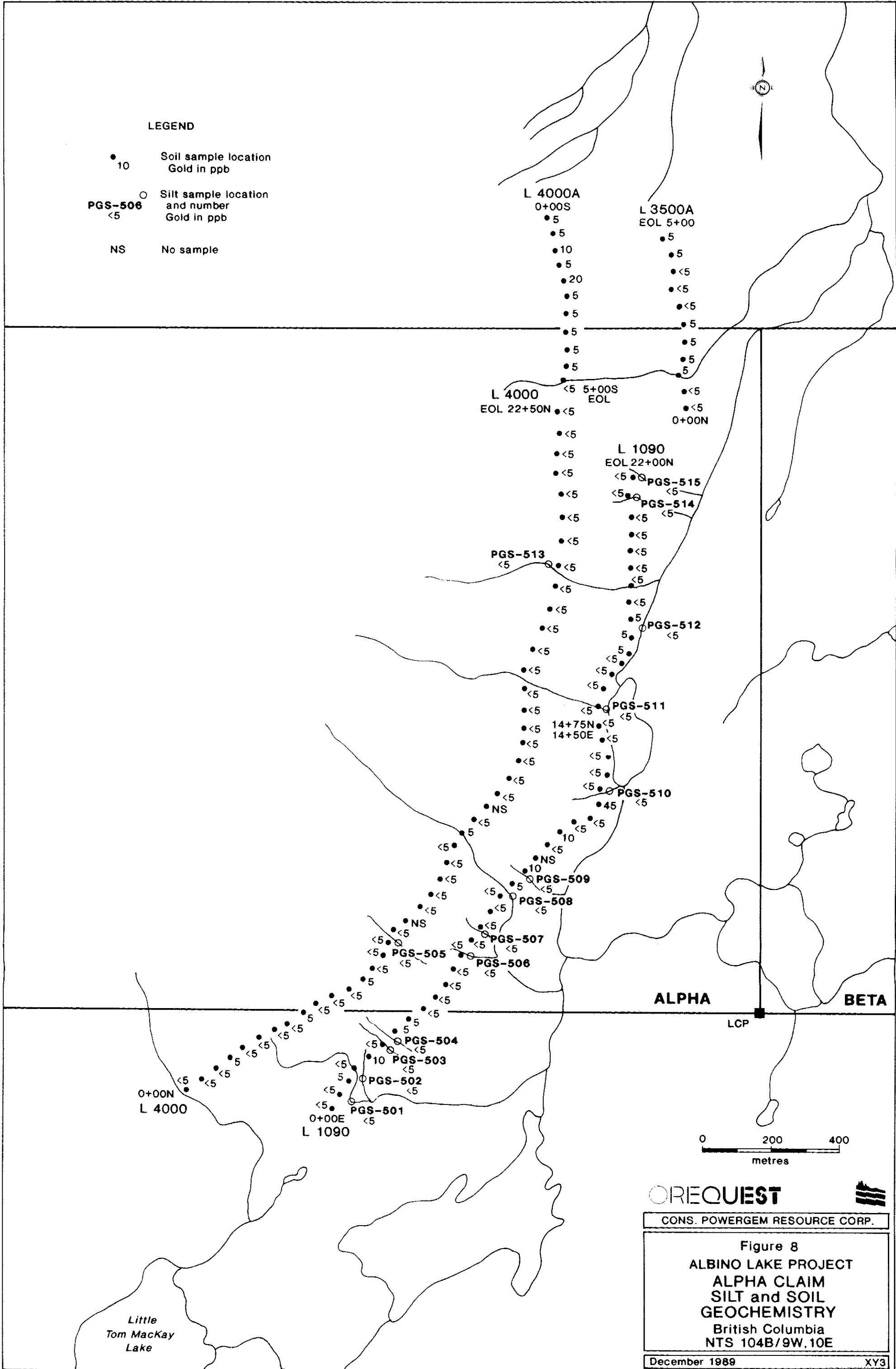
Although the Pix and Ridge Showings are not structurally connected, they are believed to be related to the same mineralizing event due to the similarities of setting and content as both are low gold-arsenic but high silver-copper systems.

#### PROPERTY GEOCHEMISTRY

A total of 88 rock, 58 silt and 363 soil samples were collected from the Albino Lake property and sent to TSL Laboratories in Saskatoon, Saskatchewan for

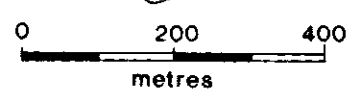
**LEGEND**

- 10 Soil sample location  
Gold in ppb
- Silt sample location  
and number  
Gold in ppb
- PGS-506  
<5
- NS No sample



ALPHA BETA

LCP



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Figure 8  
ALBINO LAKE PROJECT  
ALPHA CLAIM  
SILT and SOIL  
GEOCHEMISTRY  
British Columbia  
NTS 104B/9W, 10E

analysis using standard geochemical techniques (Appendix B). Sample preparation was done in TSL's facilities in Richmond, British Columbia. Sample locations and results appear on Figures 8 and 9.

Rock samples were collected from all prospective units during the prospecting and geological mapping programs. Analyses were for gold, silver, copper, and arsenic with most of the samples collected from the Alpha claim. The highest values were returned from the showings previously mentioned. The remainder of the samples produced a maximum of 80 ppb gold and 3.4 ppm silver. Some of the higher results are listed below. Descriptions of all rock samples collected and analytical results are available in Appendices A and B respectively.

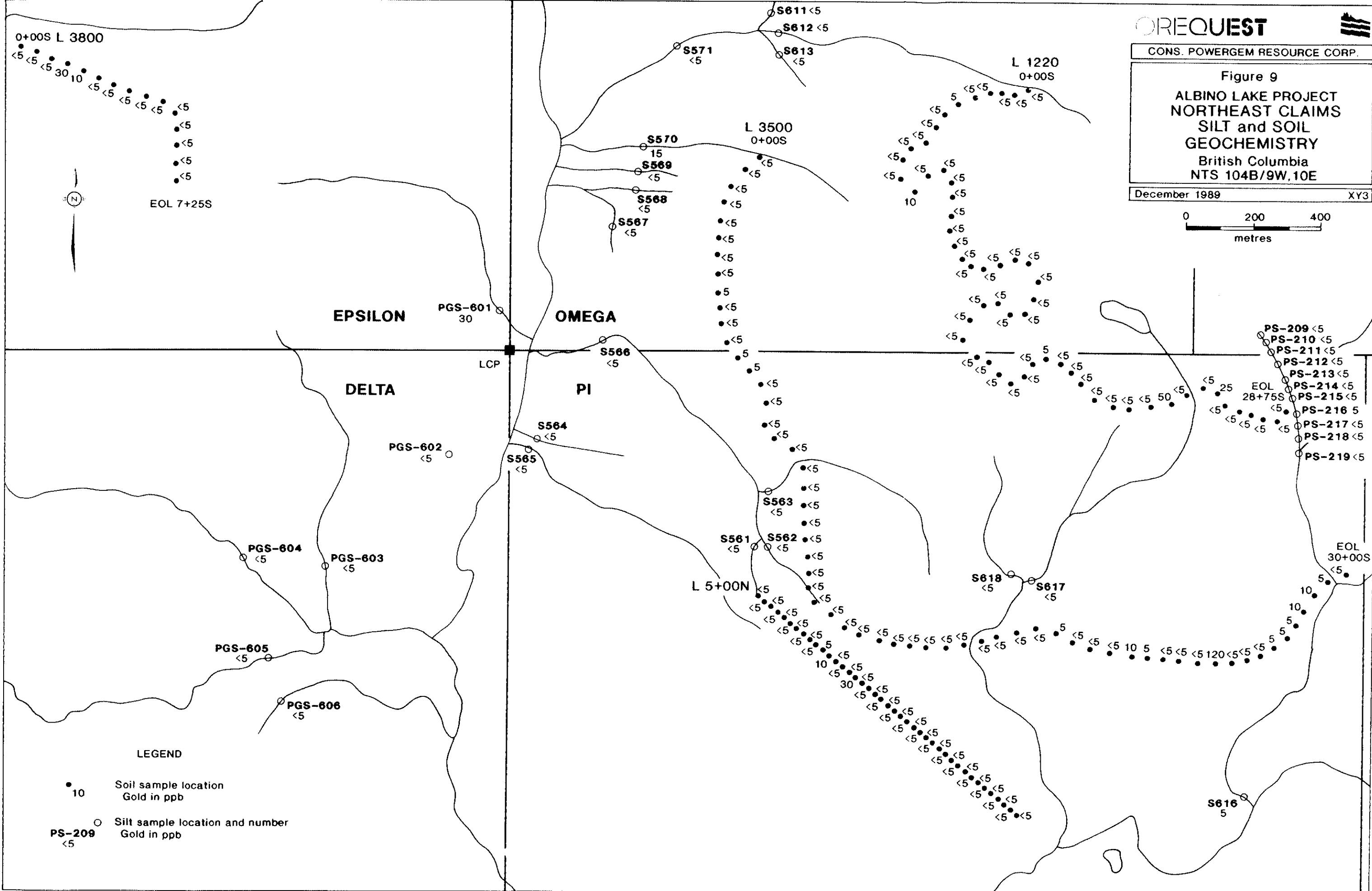
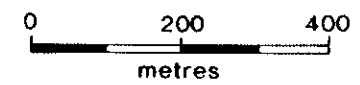
Sample #	Width	Description	Results			
			Au ppb	Ag ppm	Cu ppm	As ppm
15850	Grab	Massive sulphides	40	2.2	24	77
15851	Grab	Quartz vein with 10% pyrite	10	3.4	50	9
15852	Grab	Quartz vein with 15% pyrite	50	3.0	47	18
15886	Grab	Andesite (?) 3% pyrite	65	0.6	21	620
45209	Grab	Sil. rhyolite with qtz stringers + 3% pyrite blebs	80	1.6	98	19
45210	Grab	Sil. rhyolite with qtz stringers + 5% pyrite blebs	65	1.8	81	10
45211	0.3 m	Sil. rhyolite with 5-10% py stringers	15	2.6	51	360

#### Silts

Stream sediment samples were collected from most perennial streams and were analyzed for gold plus a 32 element I.C.A.P. package. Results are generally low. A single elevated gold assay (30 ppb) was returned for sample PGS 601, taken from the southeast corner of the Epsilon claim (Figure 9).

Figure 9  
ALBINO LAKE PROJECT  
NORTHEAST CLAIMS  
SILT and SOIL  
GEOCHEMISTRY  
British Columbia  
NTS 104B/9W,10E

December 1989 XY3



LEGEND

- 10 Soil sample location  
Gold in ppb
- PS-209 Silt sample location and number  
Gold in ppb

Three elevated silver results were returned from the center of the Omega claim (#611:1.0 ppm silver, #612:1.2 ppm silver, #613:0.8 ppm silver). These samples were collected from adjacent drainages.

Silts collected from creeks draining the area of the Pix and Ridge Showings did not return any anomalous values in copper or silver.

Samples were collected at 25 metre intervals on contour soil lines as well as from a single southeast trending line which was intended to cross the projected northeast extension of the Eskay Creek, 21 Zone mineralization. The B Horizon was sampled where possible, using a mattock, and the material stored in kraft paper bags. Samples were analyzed for gold plus a 32 element I.C.A.P. suite.

Two soil samples produced elevated gold values. Sample L3500 -25+00S, located on the eastern Pi claim, assayed 120 ppb gold (0.2 ppm silver). One soil (L1090 - 12+00E) taken from the eastern portion of the Alpha claim returned 45 ppb gold (0.4 ppm silver). No soils collected downslope from the Pix or Ridge showings returned anomalous results.

#### AIRBORNE GEOPHYSICS

In early 1989 Consolidated Powergem Resource Corporation expended \$45,359 to carry out a Phase I Aerodat airborne survey over the Albino Lake property as part of a survey including other properties in the Eskay Creek area. As summarized in the assessment report by Mallo and Dvorak (1989), the objective of the survey was to define areas of possible precious metal anomalies reflected by magnetic, electromagnetic and VLF-EM surveys. The results were to provide a data base for

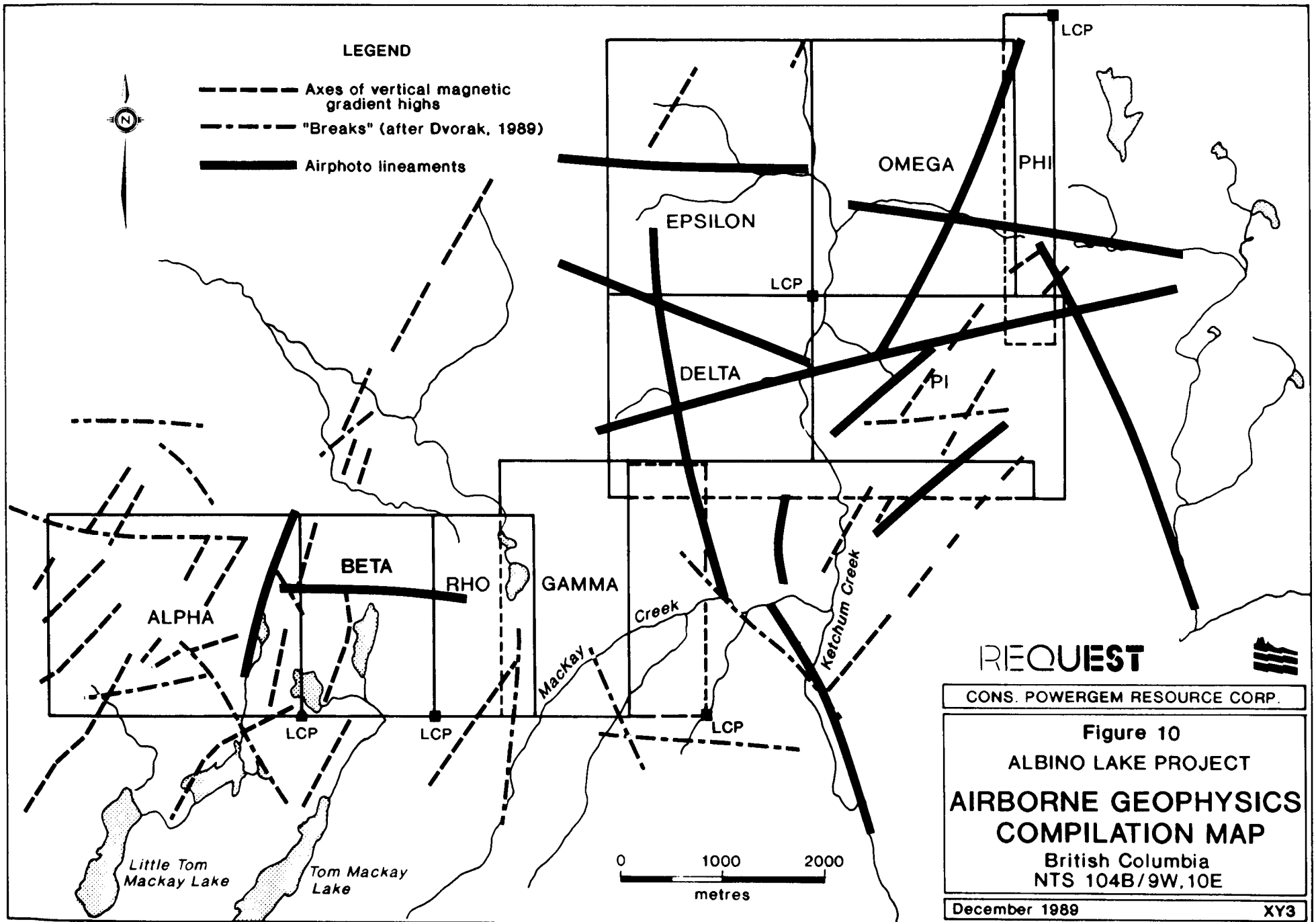


the surface exploration program Nominal line spacing was 100 m and the flight direction was northwest-southeast.

Figure 10 shows that the Albino Lake property contains two zones of total field magnetic highs, generally trending northeast-southwest, occurring on the eastern and western edges of the property. On the Alpha claim, at the western edge of the property, mapping has shown the area to be underlain by andesitic tuffs and flows which are overlain by Middle Jurassic sediments to the east. The pattern of magnetic response weakens considerably to the east, likely due to the thickening of this sedimentary cover. This trend then reverses approaching the eastern side of the project area where northeast-southwest oriented magnetic highs are again evident. A thinning of the sediments could account for this change, however the low relief of the calculated vertical magnetic gradient data in the area is a sign that there is still a significant layer of sedimentary cover on the eastern side of the project area.

A similar total field magnetic zone occurs in the area of the Eskay Creek 21 Zone mineralization and the anomaly in the northeastern portion of Albino Lake property may represent an extension of this trend.

A pyrrhotite bearing andesite was noted in the north central portion of the Alpha claim which would account at least partially for the magnetic anomaly in this area. Also in this area a north-northeast trending diorite body occupies the middle of the claim block.



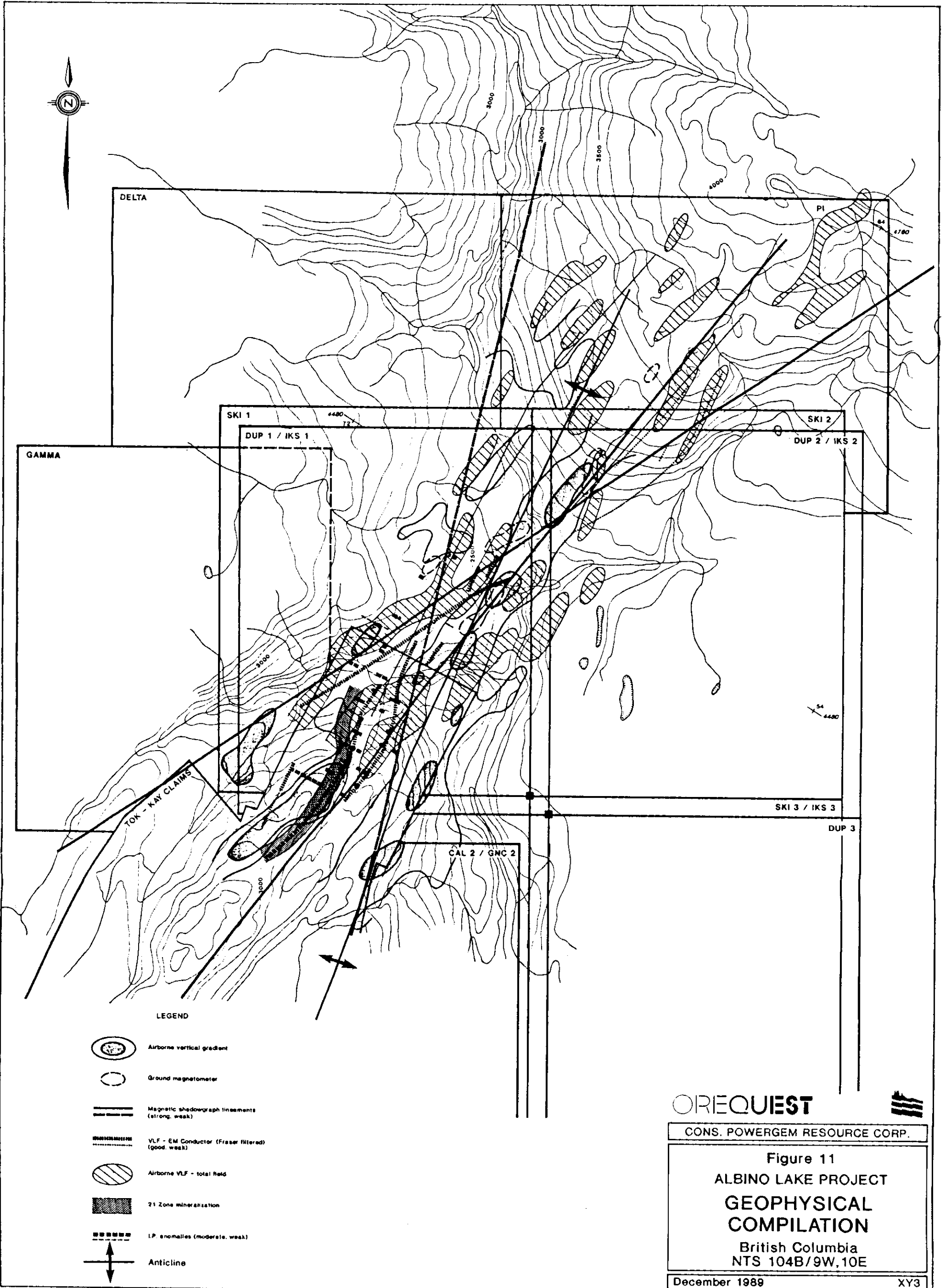
As a result of the rugged terrain on the Albino Lake property, the apparent resistivity values, which are strongly influenced by the elevation differences, provide an incomplete picture. There are no ready explanations for many of the resistivity features.

Severe changes in flying altitude also mean that the picture of electromagnetic response may be incomplete. For example in areas of excessive flying height, anomalous areas might be missed. No EM anomalies are known to occur within the boundary of the Albino Lake project.









#### GROUND GEOPHYSICS

Grid controlled magnetometer and VLF-EM surveys were carried out predominantly on the southern portion of the Pi claim. Initially a flagged grid was established over the southeast corner of the Pi claim based on weak airborne VLF-EM and magnetic anomalies generated by the Aerodat survey.

A baseline trending 040° was established on the flagged grid over the projected trace of the airborne anomalies, with cross lines at 100 m intervals. The equipment used included a Geonics EM-16, an EDA Omni Plus and a Scintrex MP2 magnetometer. Readings were taken at 12.5 m intervals for 600 m on either side of the baseline or as far as topographic conditions allowed. The Hawaii transmitting station was utilized for this survey. A second grid, using cut lines, was established to the west of the flagged grid as a continuation of the cut grid on the Adrian Resources Ltd. Ski Project. This was also oriented at 040°. The aim of the cut grid was to provide better control for a resurvey of the flagged grid area and to tie in with geophysical data on the Adrian claims (Figures 11 and 12).



LEGEND

-  Airborne vertical gradient
-  Ground magnetometer
-  Magnetic shadowgraph lineaments (strong, weak)
-  VLF - EM Conductor (Fraser filtered) (good, weak)
-  Airborne VLF - total field
-  21 Zone mineralization
-  I.P. anomalies (moderate, weak)
-  Anticline

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Figure 11  
ALBINO LAKE PROJECT  
**GEOPHYSICAL  
COMPILATION**

British Columbia  
NTS 104B/9W,10E

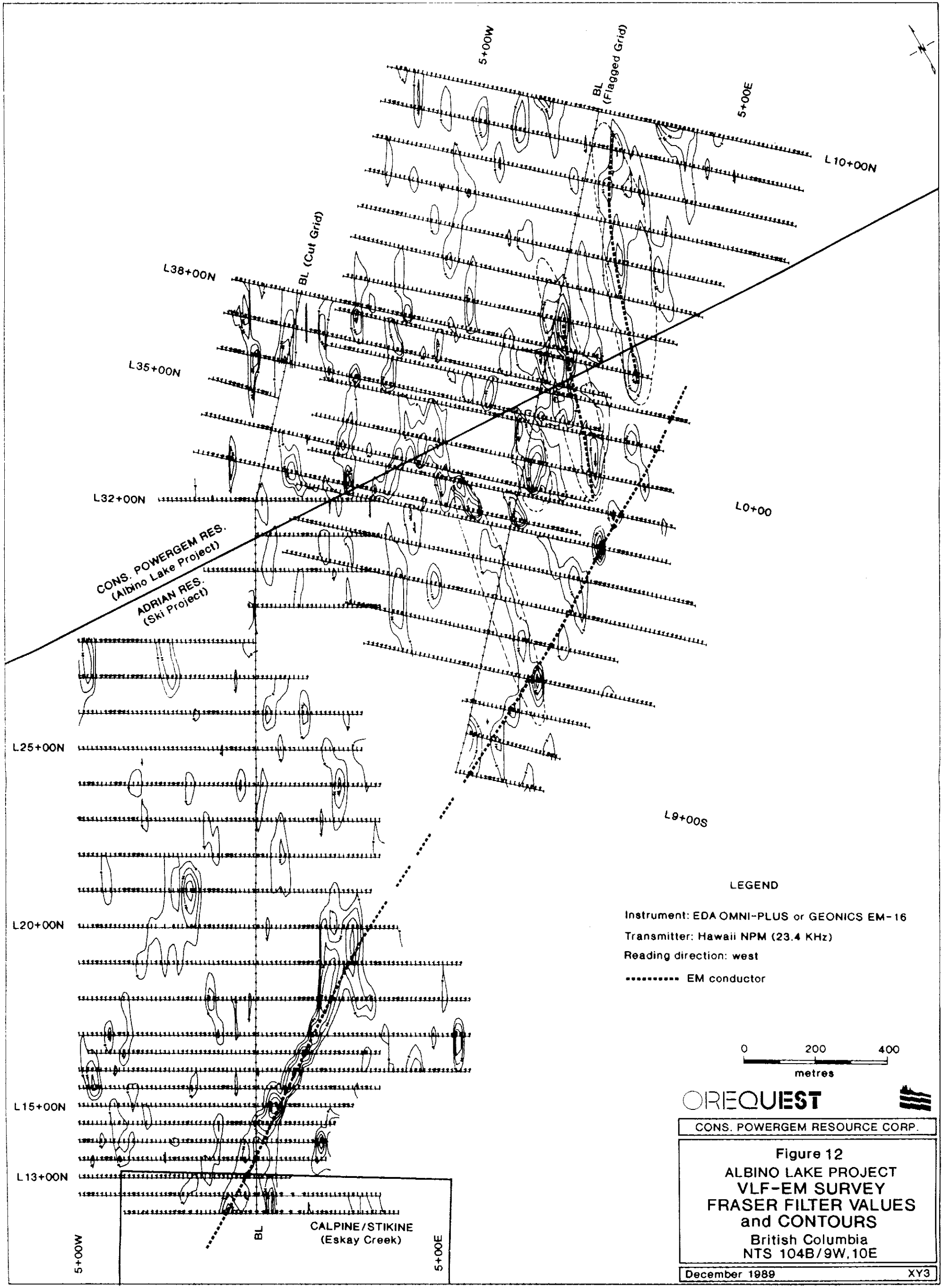
December 1989

XY3

The VLF-EM survey utilized the Hawaii transmitting station as dictated by the orientation of the structures. This survey delineated three weak conductors trending off the Adrian property onto the Pi claim (Figures 12 and 13). These correlate somewhat with total field VLF-EM data from the Aerodat survey, which indicates a continuation of the general trends off the current grid area. The trend of these ground survey-defined conductors is in general conformable with, and may be an extension of, those on the Eskay Creek property, some of which appear to be related to the 21 Zone mineralization.

A ground magnetometer survey was carried out over the flagged grid and partially over the cut area (Figure 14). The Scintrex unit was utilized on the flagged grid but was replaced with an EDA Omni Plus on the cut lines. Poor quality results over the flagged grid were in part due to severe magnetic storms during the survey. This was to be remedied using the EDA unit on the cut lines however deteriorating weather conditions forced a suspension of activities prior to completion of the line cutting.

As indicated by the Aerodat survey the magnetic variation over this portion of the claim block is quite low and it is therefore not surprising that few magnetic anomalies are present within the surveyed area. One single line anomaly did register in approximately the center of the Pi claim. This anomaly is very weak and has a narrow half-width, meaning that it is likely from a near surface source. Within the scope of the ground survey the magnetic anomaly is flanked by weak to moderate VLF-EM conductors. The unknown thickness of Middle Jurassic sediments which underlie the grid is at least partially responsible for the low magnetic relief in this area.



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**Figure 12**  
**ALBEDO LAKE PROJECT**  
**VLF-EM SURVEY**  
**FRASER FILTER VALUES**  
**and CONTOURS**  
 British Columbia  
 NTS 104B/9W,10E

December 1989 XY3

Although the response in the grid VLF-EM surveys is weak, it has produced discrete anomalies which appear to outline a trend striking in the same direction as the trend in the airborne data. The ground-based magnetic data is in agreement with airborne magnetic data and does not appear to sense any significant basement rock anomalies.

#### CONCLUSIONS AND RECOMMENDATIONS

The 1989 field program was directed primarily at evaluating the possibility of a northeasterly trending strike extension of the 21 Zone mineralization from the Eskay Creek property onto the Albino Lake property. At the same time the remainder of the property was the object of a mapping, prospecting and sampling program to uncover any other anomalies which may be present.

On the Pi claim the Aerodat airborne geophysical survey outlined a subtle magnetic total field zone extending from the Eskay Creek property of Calpine Resources Inc./Stikine Resources Ltd. across the Ski claims of Adrian Resources Ltd. and onto the Albino Lake property. Grid controlled ground magnetometer and VLF-EM surveys were carried out over these areas to evaluate the airborne results and to provide targets for follow up drill testing. The results of the grid VLF-EM survey show some correlation of weak EM conductors with those defined by the airborne work. Similar conductors have been noted partially within and flanking the known 21 Zone mineralization. On the Albino Lake property the unknown thickness of sedimentary cover could account for the relatively weaker response. The area of most interest is the western flank of the eastern total field aeromagnetic high, due to the 21 Zones location on the western flank of the same high. There are, however, no

calculated vertical magnetic gradient highs to facilitate definition of more specific targets.

The ground based magnetic data is only partially complete due to the magnetic storms which occurred during the survey. This rendered much of the data suspect. However those sections which were usable are very flat and do not show any significant anomalies. The one anomaly shown is likely due to a small near - surface source.

Conventional geochemical and prospecting techniques were unsuccessful in delineating any targets due to the unknown thickness of Middle Jurassic Salmon River Formation sediments which cover this area.

Surface profiles in the area of the southern Pi claim indicate a potential thickness of Salmon River Formation in excess of 275m from the Ketchum Creek drainage to the height of land in the central Pi claim. This thickness may be mitigated by the northeast trending anticline mentioned previously, however this eastward thickening of the sedimentary package must be considered in evaluating the geophysical anomalies as drill targets.

On the Alpha claim, at the western edge of the property, rocks of the Lower Jurassic Betty Creek, Mt. Dilworth (?) and Salmon River Formations outcrop at surface. Prospecting and mapping in this area located two copper-silver showings within the andesitic rocks of the Betty Creek Formation. Values up to 10.61% copper and 7.08 oz/ton silver were received from narrow quartz/calcite/sulphide veins. The two showings are approximately 550 m apart and not along strike, however they



exhibit the same style of mineralization supporting the assumption that they are related to the same event. Nearby dioritic and rhyolitic intrusive may have provided the source material.

The copper-silver showings on the Alpha claim at the western edge of the property, although of high grade, are narrow and have not returned any anomalous gold values. For these reasons no further work is recommended on the Pix or Ridge Showings at this time.

Further work on the Albino Lake property should concentrate on the area of geophysical anomalies on the Pi claim. As noted above there are similarities between the geophysical signatures in the area of the 21 Zone mineralization and on the southern portion of the Pi claim. Due to the cover of Middle Jurassic Salmon River Formation sedimentary rocks, drilling is the only effective method of testing the geophysical anomalies. A fence of holes perpendicular to the trend of the anomalies is required to determine the thickness to the basal Salmon River Formation target horizon.

A cost estimate for the Phase III drill program on the Pi grid area is included below:

Phase III

Mob/Demob	\$ 10,000
Support	15,000
Diamond Drill 1050 m @ \$150/m	157,500
Assays	15,100
Contingency @ 10%	19,800
Subtotal	<u>\$217,400</u>
Prime Management Fee @ 15%	32,600
Total	<u>\$250,000</u>

STATEMENT OF EXPENDITURES

April 1, 1989 to October 31, 1989

Labour	DAYS	RATE		
W. Raven	5	\$390	\$	2,145.00
B. Dewonck	21	\$425		8,925.00
G. Cavey	8	\$450		3,600.00
J. Chapman	20.75	\$425		8,818.75
A. Walus	2	\$300		600.00
M. Vanwermeskerken	10.5	\$300		3,150.00
V. VanDamme	5	\$300		1,500.00
D. Pickston	13.5	\$300		4,050.00
R. Mackie	18	\$250		4,500.00
S. Conley	20	\$250		5,000.00
D. Page	5	\$250		1,250.00
F. Bordie	14	\$250		3,500.00
T. McGowen	4	\$250		1,000.00
C. Birarda	10	\$250		2,500.00
S. Massey	14	\$250		3,500.00
W. Egg	7	\$320		2,240.00
A. Linley	10	\$250		2,500.00
G. Prenevost	2	\$280		560.00
L. LeBel	3.5	\$62.50/hr		218.75
B. Lewis	4.5	\$300		1,350.00
M. Wren	30.5	\$24/hr		732.00
B. Gowans	40.75	\$28/hr		1,141.00
Total			\$62,780.50	\$ 62,780.50
Mob/Demob				7,936.16
Support Costs				14,189.32
Transport and Communications				14,051.57
Equipment				3,700.34
Contract Services				23,721.80
Camp Construction				6,630.21
Analyses				8,937.05
Report				2,134.55
Total				\$144,081.50

STATEMENT OF QUALIFICATIONS

I, Jim Chapman, of 580 West 17th Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1976) and hold a B.Sc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of #306-595 Howe Street, Vancouver, British Columbia, V6C 2T5.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
5. I am a Fellow of the Geological Association of Canada.
6. The information contained in this report was obtained from a review of data listed in the bibliography, a property examination and knowledge of the area.
7. I have no interest, direct or indirect or in the securities of Consolidated Powergem Resource Corporation.
8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.

Jim Chapman  
Consulting Geologist, F.G.A.C.

DATED at Vancouver, British Columbia the 15th day of December, 1989.

STATEMENT OF QUALIFICATIONS

I, Wesley D.T. Raven, of 21 West 60th Ave., Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1983) and hold a BSc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of 306-595 Howe Street, Vancouver, British Columbia.
3. I have been employed as an exploration geologist on a full time basis since 1983.
4. The information contained in this report was obtained during onsite property supervision personally conducted by myself in 1989.
5. I have no interest, direct or indirect, in the property nor in the securities of Consolidated Powergem Resource Corporation.
6. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.

Wesley D.T. Raven, B.Sc.

DATED at Vancouver, British Columbia, this 15th day of December, 1989.

STATEMENT OF QUALIFICATIONS

I, Marco Vanwermeskerken, of 5443 Wildwood Crescent, Delta, British Columbia, hereby certify:

1. I am a graduate of the University of British Columbia (1987) and hold a B.Sc. degree in geology.
2. I am presently employed as a geologist with OreQuest Consultants Ltd. of #306-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various exploration companies since graduation.
4. The information contained in this report was obtained from field observations as well as material listed in the bibliography.
5. I have no interest, direct or indirect or in the property or in the securities of Consolidated Powergem Resource Corporation.
6. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.

Marco Vanwermeskerken, B.Sc.  
Geologist

DATED at Vancouver, British Columbia, this 15th day of December, 1989.

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APPENDIX A  
ROCK SAMPLE DESCRIPTIONS



## CONSOLIDATED POWERGEM RESOURCE CORPORATION ALBINO LAKE PROJECT

SAMPLE	DATE	LOCATION	LITHOLOGY	REMARKS/ALTERATION/STRUCTURE	MINERALIZATION
45201	8.8.89	Alpha N.	Intermediate dyke	1.2 m wide chip, 126/76 NE, white bands rich in anhedral feldspar in a light brown-tan soft grainy matrix (weathered surface). Fresh: mottled green-grey matrix with small angular clasts up to 5 mm (amorphous dark grey-black).	3% pyrite (blebs <2 mm)
45202	8.8.89	Alpha N.	Massive sulphide	Blocks greater than 50 cm, trends 063 degrees. Subcrop grab.	90% pyrrhotite, 5% bornite/covellite, 5% black amorphous material.
45203	8.8.89	Alpha N.	Ferricrete	Angular clasts of very altered (FeO) and leached andesite (?) in a limonitic matrix (shatter breccia), local weak argillic alteration.	(Blebs <5 mm), trace of arsenopyrite.
45204	8.8.89	Alpha N.	Ferricrete	Same as 45203 with more sulphides. 2.0 m chip.	50 - 90% Pyrrhotite, 15% pyrite, trace of arsenopyrite, chalcopyrite.
45205	8.8.89	Alpha N.	Ferricrete	Same as 45203. 2.0 m chip.	Same as 45203.
45206	8.8.89	Alpha N.	Argillite	Discontinuous, very siliceous, trends 169/90, many quartz stringers up to 1 mm, east wall very limonitic. 1.8 m chip.	No sulphides.
45207	9.8.89	Alpha S.	Andesite	1 m x 3 m, gossanous (limonitic) pod, small synclinal structure (36 to 064) in rhyolite with 30% quartz stringers. Grab.	10% pyrite (blebs and stringers).
45208	9.8.89	Alpha S.	Diorite	Fine grained equigranular pyritic zone (at migmatite contact). Grab.	5 - 10% disseminated pyrite.
45209	9.8.89	Alpha SW.	Rhyolite	Medium grey (aphanitic), 5 - 10% quartz stringers <0.2 mm, limonitic weathering. Subcrop grab.	3% pyrite (blebs <5 mm).
45210	12.8.89	Alpha SW.	Rhyolite	5 m wide, same as 45209, diffuse contact, propylitic alteration. Grab.	5% disseminated pyrite near contact.
45211	12.8.89	Alpha SW.	Rhyolite	Siliceous, 085/72 N, limonitic weathering. 0.3 m chip.	5 - 10% pyrite (stringers).
46101	2.9.89	Pix zone	Dacite	Sill in siliceous shales (80 cm wide), 088/72 N, plagioclase phenocrysts <.2 mm and hornblende <.1 mm, altered to chlorite, brecciated hangingwall. 0.8 m chip.	20% pyrite (blebs and disseminated).
46102	2.9.89	Pix zone	Andesite	Fractured and brecciated, quartz and calcite in fractures, some vuggy quartz, trends 006 degrees, 1.8 m chip.	1% pyrite and 1% galena and chalcopyrite (in veins).
46103	2.9.89	Pix zone	Dacitic ash tuff	Very gossanous (limonitic) calcite/limonite halo on sulphide blebs. 2.0 m chip.	10% pyrite, 2% pyrrhotite (blebs <3 mm).
46104	2.9.89	Pix zone	Quartz-calcite veins	3 m wide stockwork (<30 cm veins), one vein sampled, 004/90, angular andesitic fragments <1 cm, leached, vuggy, FeO and MnO dendrites. 0.3 m chip.	Up to 10% pyrite (blebs, stringers, disseminated), 1% galena (blebs), trace of chalcopyrite and malachite.
46105	2.9.89	Pix zone	Andesite breccia	Shatter breccia with quartz and quartz-calcite matrix, 002/58 W. 1.2 m chip.	1% disseminated pyrite.
46106	3.9.89	Pix zone	Dacite dyke	Gossanous (limonitic), diffuse contacts, trends 110 degrees steep, andesite wallrock (chloritized) with quartz veins. 2.0 m chip.	1% pyrrhotite (blebs and disseminated), 5% pyrite (blebs).
46107	3.9.89	Pix zone	Very siliceous rock (vein?)	Small 30 cm x 50 cm pod within andesite, many small angular quartz fragments (<1 mm) with white halos in a siliceous matrix, andesite wallrock	No sulphides.

## CONSOLIDATED POWERGEM RESOURCE CORPORATION ALBINO LAKE PROJECT

SAMPLE	DATE	LOCATION	LITHOLOGY	REMARKS/ALTERATION/STRUCTURE	MINERALIZATION
				(weak chloritic alteration).	
15701	8.8.89	Alpha	Andesite	Float / silicification.	2 - 3% pyrite.
15702	8.8.89	Alpha	Andesite ?	Grab.	10 - 15% pyrite.
15703	8.8.89	Alpha	Andesite ?	Grab.	Limonite.
15838	8.8.89	Alpha S.W.	Andesite	Grab.	3% pyrite.
15839	8.8.89	Alpha S.W.	Andesite	Medium grey green aphanitic. Grab.	10% pyrite.
15840	8.8.89	Alpha S.W.	Andesite	Grab.	3% pyrite.
15841	8.8.89	Alpha S.W.	Andesite ?	Grab from float.	
15842 - 43	8.8.89	Alpha N.W.	Andesite ?	Grab.	
15845	9.8.89	Epsilon W.	Conglomerate ?	Grab.	
15846	9.8.89	Epsilon W.	Quartz vein	In sandstone. Grab.	
15847	9.8.89	Epsilon W.	Quartz vein	In sandstone. Grab.	
15848	9.8.89	Epsilon W.	Conglomerate	Quartz - chlorite veins ?	
15849	10.8.89	Alpha S.W.	Andesite	Grab.	2% pyrite.
15850	10.8.89	Alpha S.W.	Andesite	Small mineralized zone. Grab.	40% pyrite.
15851	10.8.89	Alpha S.W.	Andesite	Small mineralized zone. Grab.	10% pyrite.
15852	10.8.89	Alpha S.W.	Andesite	Grab.	15% pyrite.
15853	10.8.89	Alpha S.W.	Andesite	Grab.	10% pyrite.
15854	10.8.89	Alpha S.W.	Andesite	Grab.	
15855	10.8.89	Alpha S.W.	Andesite	Grab.	
15856	10.8.89	Alpha centre	Andesite	Grab.	5% pyrite.
15857	10.8.89	Alpha centre	Andesite	Grab.	
15858	11.8.89	Alpha N.	Andesite	Fine grained, light green. Grab.	2% pyrite.
15859	11.8.89	Alpha N.	Andesite	Fine grained, dark green, gossanous.	3% pyrite.
15860	11.8.89	Alpha N.	Andesite	Light grey. Grab.	5% pyrite.
15861	11.8.89	Alpha N.	Diorite	Medium grained.	3% pyrite.
15862	11.8.89	Alpha N.	Quartz vein	Aphanitic andesite host rock. Grab.	10% pyrite.
15863	11.8.89	Alpha N.	Quartz vein	Aphanitic andesite host rock. Grab.	10% pyrite.
15864	11.8.89	Alpha N.	Andesite	Chloritic (?) alteration. Aphanitic. Grab.	3% pyrite.
15865	11.8.89	Alpha N.	Andesite with quartz veins	Light grey. Grab.	10% pyrite.
15866	11.8.89	Alpha N.	Andesite	Grey. Grab.	5% pyrite.
15867	11.8.89	Alpha N.	Andesite	Brecciated and mineralized. Grab.	15% pyrite.
15868	11.8.89	Alpha N.	Andesite	Brecciated and mineralized. Grab.	Malachite/azurite 60% pyrite. No copper stain.
15869	11.8.89	Alpha N.	Andesite	Grab.	5% pyrite.
15870	12.8.89	Alpha centre	Andesite	Fine grained (aphanitic) black. Float.	3% pyrite.
15871	12.8.89	Alpha centre	Siltstone ?	Black. Fine grained gossan. Grab.	10% pyrite. (stringers)
15872	12.8.89	Alpha centre	Andesite ?	Light grey. Grab.	15% pyrite.
15873	12.8.89	Alpha centre	Andesite ?	Light grey. Grab.	3% pyrite.
15884	16.8.89	Alpha N.W.	Massive pyrite	Grab.	70% pyrite.
15885	16.8.89	Alpha N.W.	Andesite ?	Grab.	40% pyrite.
15886	16.8.89	Alpha centre	Andesite ?	Grab.	3% pyrite.
15887	16.8.89	Alpha centre	Andesite ?	Dark green. Grab.	5% pyrite.
45810	2.9.89	Pix zone	Andesite tuff	Brecciated with mineralized quartz veins. 30cm. chip.	10% chalcopyrite, minor pyrite abundant malachite stains.
45811	2.9.89	Pix zone	Andesite tuff	Brecciated with mineralized quartz veins. Grab.	3% chalcopyrite, minor pyrite, malachite.
45812	2.9.89	Pix zone	Andesite tuff	Brecciated with mineralized quartz veins. Grab.	Chalcopyrite, pyrite.

CONSOLIDATED POWERGEM RESOURCE CORPORATION ALBINO LAKE PROJECT

SAMPLE	DATE	LOCATION	LITHOLOGY	REMARKS/ALTERATION/STRUCTURE	MINERALIZATION
					malachite.
45813	2.9.89	Pix zone	Andesite tuff	Brecciated with mineralized quartz veins. Grab.	Traces of pyrite, chalcopyrite and malachite.
45814	2.9.89	Pix zone	Andesite tuff	Brecciated with mineralized quartz veins. Grab.	2% chalcopyrite, trace of galena. Malachite.
45815	2.9.89	Pix zone	Andesite tuff	Brecciated with mineralized quartz veins. Grab.	Abundant chalcopyrite and malachite.
45816	2.9.89	Pix zone	Andesite tuff	Brecciated with mineralized quartz veins. Grab.	Trace of chalcopyrite and malachite. 1% galena.
45817	2.9.89	Pix zone	Quartz vein	Mineralized 30cm. chip.	2% chalcopyrite, 5% pyrite.
45818	2.9.89	Pix zone	Quartz vein	Mineralized. Grab.	30% pyrite, 5% chalcopyrite.
45819	2.9.89	Pix zone	Quartz vein	Mineralized. Grab.	15% pyrite, 5% chalcopyrite.
45820	2.9.89	Pix zone	Quartz vein	Mineralized subcrop. Grab.	Traces of chalcopyrite and galena.
45821	2.9.89	Pix zone	Andesite tuff	Mineralized. Grab.	10% pyrite.
45822	2.9.89	Pix zone	Quartz vein	Mineralized 15cm. chip.	5% pyrite, 1% chalcopyrite, trace galena.
45823	2.9.89	Pix zone	Andesite	Mineralized. Grab.	5% pyrite, 2% chalcopyrite.
45824	2.9.89	Pix zone	Quartz vein	Mineralized subcrop. Grab.	3% pyrite
45825	2.9.89	Pix zone	Andesite	Grab.	3% pyrite
45826	2.9.89	Pix zone	Andesite	Mineralized. Grab.	Traces of chalcopyrite and galena.
45827	2.9.89	Pix zone	Andesite	Mineralized. Grab.	Traces of chalcopyrite and malachite.
45828	3.9.89	Pix zone	Quartz vein	Mineralized. Grab.	Traces of chalcopyrite, pyrite, galena and malachite.

APPENDIX B

ASSAY SHEETS AND ANALYTICAL PROCEDURES

# **T S L LABORATORIES**

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2 - 302 - 48th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

OreQuest Consultants Ltd.  
306 - 595 Howe Street  
Vancouver, B.C.  
V6C 2T5

Jan. 9/90

1 - **SAMPLE PREPARATION PROCEDURES**  
Rock and Core

- Entire sample is crushed, riffled and the subsequent split is pulverized to -150 mesh.

Soils and Silts

- Sample is dried and sieved to -80 mesh.

2 - **FIRE ASSAY PROCEDURES**

Geochem Gold (Au ppb) -

A 30g subsample is fused, cupelled and the subsequent dore' bead is dissolved in aqua regia. The solution is then analyzed on the Atomic Absorption.

Assay Gold (Au oz/ton) -

A 29.16g subsample is fused, cupelled and the subsequent dore' bead is parted with a dilute nitric acid solution. The gold obtained is rinsed with DI water, annealed and weighed on a microbalance.

3 - **Geochem Silver (Ag ppm) -**

A 1g subsample is digested with 5mls of aqua regia for 1 1/2 to 2 hours, then diluted with DI H<sub>2</sub>O. The solutions are then run on the Atomic Absorption.

Assay Silver (Ag oz/ton) -

A 2.00g sample is digested with 15mls HCl plus 5mls HNO<sub>3</sub> for 1 hour in a covered beaker; diluted to 100mls with 1:1 HCl. The solution is run on the Atomic Absorption.

4 - **BASE METALS**

Geochem - A 1g subsample is digested with 5mls of aqua regia for 1 1/2 to 2 hours, then diluted with DI H<sub>2</sub>O. The solutions are then run on the Atomic Absorption.

Assay - A 0.500g sample is taken to dryness with 15mls HCl plus 5mls HNO<sub>3</sub>, then redissolved with 5mls HNO<sub>3</sub> and diluted to 100mls with DI H<sub>2</sub>O. The solution is run on the Atomic Absorption.

con't...



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Page 2.

5. ICAP Geochemical Analysis -

A 1g subsample is digested with 5mls of aqua regia for 1 1/2 to 2 hours, then diluted with DI H2O. The solutions are then run on the ICAP.

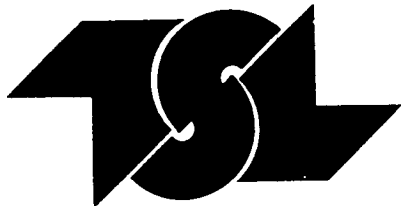
6. Heavy Mineral Concentrates -

The sample is initially wet sieved through -1700 micron, then placed on a shaker table. A heavy liquid separation is performed, Methylene Iodide, (S.G. - 3.3); diluted to give a S.G. of 2.96. The heavies were then analyzed for Au by Fire Assay plus an ICAP Scan.

Yours truly,

Bernie Dunn

BD/vh



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S7K 6A4

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## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7110

SAMPLE(S) OF Rock

INVOICE #: 11895  
P.O.: 8055/R-1193

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
15801	<5	<.2	48	1
15802	<5	<.2	22	3
15803	<5	<.2	93	1
15804	<5	<.2	40	4
15805	<5	<.2	19	7
15838	<5	<.2	53	3
15839	<5	<.2	10	1
15840	<5	<.2	16	1
15841	<5	<.2	41	5
15842	<5	<.2	180	10
15843	<5	2.4	1500	3
15844	<5	1.0	1100	1

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Samples, Pulps and Rejects discarded two months from the date of this report.



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## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7103

SAMPLE(S) OF Rock

INVOICE #: 11913  
P.O.: 8005/R-1180

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm	Cu %
45201	5	<.2	29	19	
45202	65	3.2	>5000	170	.85
45203	5	1.4	2400	48	
45204	15	1.6	1500	29	
45205	10	.6	1700	19	
45206	5	<.2	630	10	
45207	<5	<.2	72	19	
45208	<5	<.2	25	19	
45209	80	1.6	98	19	
45210	65	1.8	81	10	
45211	15	2.6	51	360	

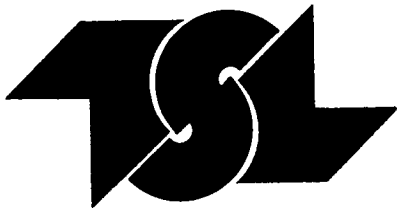
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REPORT No.  
S7102

SAMPLE(S) OF Rock

INVOICE #: 11912  
P.O.: 8005/R-1192

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm	Ag ozt	Cu %
15849	15	<.2	10	360		
15850	40	2.2	24	77		
15851	10	3.4	50	9		
15852	50	3.0	47	18		
15853	15	<.2	95	12		
15854	30	<.2	86	16		
15855	30	.4	41	48		
15856	<5	<.2	6	2		
15857	20	.4	35	10		
15858	<5	<.2	29	3		
15859	<5	<.2	120	4		
15860	10	.4	30	110		
15861	<5	.6	460	8		
15862	<5	<.2	55	9		
15863	<5	2.4	270	5		
15864	<5	.2	530	4		
15865	5	4.6	640	82		
15866	<5	<.2	220	5		
15867	10	42.	>5000	72		2.08
15868	5	>50.	>5000	45	7.08	10.61

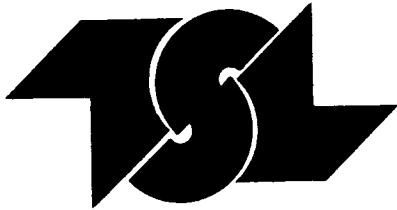
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*Bernie Dean*





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REPORT No.  
S7370

SAMPLE(S) OF Rock

INVOICE #: 12174  
P.O.: R-1284

Wes Raven  
Project POWER GEM

	Au ppb	Ag ppm	Ag ozt	Cu ppm	As ppm	Cu %
45810	5	>50	2.85	>5000	120	6.07
45811	25	>50	1.58	>5000	160	2.82
45812	<5	10.0		4800	10	
45813	<5	10.0		3500	5	
45814	<5	24.0		>5000	10	1.31
45815	<5	>50	1.48	>5000	60	1.17
45816	<5	2.0		2200	1	
45817	5	6.6		2400	60	
45818	<5	9.8		2900	110	
45819	<5	11.2		>5000	70	.59
45820	<5	10.0		4300	2	
45821	5	7.8		3700	10	
45822	<5	10.0		2100	12	
45823	<5	12.2		>5000	30	.70
45824	<5	3.2		1300	4	
45825	<5	7.2		2600	10	
45826	<5	13.4		3500	40	
45827	<5	2.4		2000	10	
45828	<5	9.0		1200	30	

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*Dennis Piljaniak*





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REPORT No.  
S7368

SAMPLE(S) OF Rock

INVOICE #: 12172  
P.O.: R-1282

Marcus V.  
Project POWERGEM Albino Lake

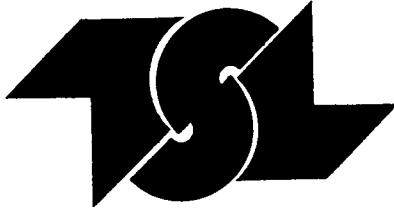
	Au ppb	Ag ppm	Cu ppm	As ppm
15869	<5	.6	200	4
15870	<5	1.0	68	20
15871	<5	.6	77	2
15872	<5	.2	11	3
15873	<5	.6	140	3
15884	<5	.4	17	20
15885	<5	.4	12	19
15886	65	.6	21	620
15887	<5	.2	10	2
15845	5	.2	27	3
15846	<5	<.2	1	1
15847	<5	.2	20	2
15848	<5	.4	8	2
15966	<5	.8	300	2
15967	<5	.6	110	3
15968	<5	.2	31	1
46101	<5	.8	110	8
46102	<5	1.2	600	2
46103	<5	.6	32	1
46104	<5	1.0	140	2200

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SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7368

SAMPLE(S) OF Rock

INVOICE #: 12172  
P.O.: R-1282

Marcus V.  
Project POWERGEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
46105	5	.2	82	1
46106	<5	.4	37	<1
46107	<5	.6	4	<1

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REPORT No.  
S7369

SAMPLE(S) OF Rock

INVOICE #: 12173  
P.O.: 8005/R-1283

Alex Walus  
Project TANTALUS (Treaty)

	Au ppb	Ag ppm	Cu ppm	As ppm
15894	5	<.2	22	13
15895	<5	<.2	19	5
15896	<5	.4	25	12
15897	<5	.2	31	18
15898	<5	.4	12	4
45803	45	.8	24	110
45804	5	.8	41	14
15899	<5	<.2	21	9
45403	<5	<.2	6	132
45404	<5	<.2	36	<1
15701	<5	.2	88	3
15702 POWERGEM	<5	.4	26	5
15703	5	.8	66	10

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## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
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Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7280

SAMPLE(S) OF Silt

INVOICE #: 12079  
P.O.: 8055/R-1252

W. Raven  
Project POWERGEM

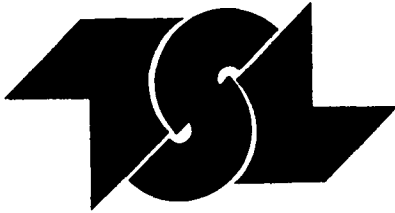
	Au ppb
PGS 451	<5
PGS 452	<5
PGS 453	<5
PGS 454	<5
PGS 455	<5
PGS 456	<5
PGS 457	<5

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants

Sep 18/89

SIGNED





# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7140

SAMPLE(S) OF Silts

INVOICE #: 11883  
P.O.: 8055-R-1198

W. Raven  
Project POWER GEM Albino Lake

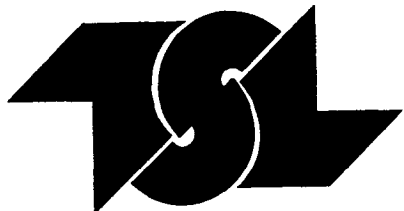
	Au ppb
PGS-501	<5
PGS-502	<5
PGS-503	<5
PGS-504	<5
PGS-505	<5
PGS-506	<5
PGS-507	<5
PGS-508	<5
PGS-509	<5
PGS-510	<5
PGS-511	<5
PGS-512	<5
PGS-513	<5
PGS-514	<5
PGS-515	<5
PS-209	<5
PS-210	<5
PS-211	<5
PS-212	<5
PS-213	<5

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants

Aug 30/89

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# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7140

SAMPLE(S) OF Silts

INVOICE #: 11883  
P.O.: 8055-R-1198

W. Raven  
Project POWER GEM Albino Lake

	Au ppb
PS-214	<5
PS-215	<5
PS-216	5
PS-217	<5
PS-218	<5
PS-219	<5

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants

Aug 30/89

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T S L LABORATORIES

2-302-46TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE : (306) 931 - 1033

FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATIONS LTD.

10TH FLOOR, BOX 10 - 808 WEST HASTINGS STREET

VANCOUVER, B.C.

V6C 2Y6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWER GEN

S.A.O.: 8055/R-1198

ALL RESULTS PPM

T.S.L. REPORT No. : S - 7140

T.S.L. File No. :

T.S.L. Invoice No. : 12083

SAMPLE #	Al	Sb	As	Ba	Be	B	Cu	Cr	Cl	Co	Ca	Fe	Pb
P66-501	21000	< 5	5	200	< 1	< 5	4700	1	56	16	26	33000	22
P66-502	22000	< 5	< 5	210	< 1	< 5	4100	< 1	89	26	55	30000	14
P66-503	10000	< 5	< 5	210	< 1	< 5	3400	1	18	14	36	34000	10
P66-504	12000	< 5	< 5	210	< 1	< 5	4000	< 1	16	14	49	33000	32
P66-505	16000	< 5	35	210	< 1	< 5	3500	2	100	16	46	29000	20
P66-506	17000	< 5	20	140	< 1	< 5	2500	< 1	61	14	31	27000	4
P66-507	15000	< 5	70	200	1	< 5	5600	1	100	27	56	35000	30
P66-508	23000	< 5	20	200	< 1	< 5	5900	< 1	130	10	55	33000	20
P66-509	27000	< 5	5	190	3	< 5	12000	< 1	56	30	32	42000	10
P66-510	18000	< 5	20	210	< 1	< 5	4700	2	47	17	31	30000	16
P66-511	17000	< 5	< 5	170	< 1	< 5	2300	< 1	100	16	41	26000	16
P66-512	25000	< 5	25	170	< 1	< 5	4300	< 1	71	23	46	41000	8
P66-513	26000	< 5	< 5	200	1	< 5	3700	< 1	56	26	43	41000	32
P66-514	21000	< 5	35	200	< 1	< 5	5300	< 1	62	17	32	30000	10
P66-515	16000	< 5	25	210	< 1	< 5	3000	< 1	33	17	40	35000	26
PS-209	25000	< 5	20	160	1	< 5	3000	< 1	43	19	37	30000	24
PS-210	26000	< 5	< 5	160	1	< 5	2300	1	56	17	46	30000	24
PS-211	25000	< 5	55	130	< 1	< 5	2400	< 1	91	23	57	32000	12
PS-212	27000	20	15	160	1	< 5	2000	1	73	21	59	31000	20
PS-213	21000	< 5	< 5	170	< 1	< 5	1700	< 1	59	10	50	29000	16
PS-216	23000	< 5	50	130	< 1	< 5	1500	< 1	110	23	49	32000	20
PS-217	16000	< 5	20	160	< 1	< 5	2000	1	120	14	31	25000	0
PS-218	16000	< 5	20	110	< 1	< 5	1500	< 1	61	15	34	23000	10
PS-219	20000	5	10	140	< 1	10	2200	1	75	19	40	29000	14

DATE : SEP-18-1989

SIGNED :

*Bernie Dunn*

T S L LABORATORIES

2-302-48TH STREET, SASKATON, SASKATCHEWAN S7K 6A4

TELEPHONE : (306) 931 - 1033

FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATIONS LTD.  
10TH FLOOR-BOX. 608 WEST HASTINGS STREET  
VANCOUVER, B.C.

T.S.L. REPORT No. : S - 7140

T.S.L. File No. :

T.S.L. Invoice No. : 12083

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER PROJECT: POWER GEM S.A.O.: 8055/R-1188

ALL RESULTS PPM

SAMPLE #	Mo	Mn	Pb	Ni	P	V	Sc	Ag	Na	Sr	Ti	Se	Tl
PGS-501	5100	1100	< 2	46	650	820	5	< 1	1200	44	10	< 10	1600
PGS-502	5500	2300	13	62	760	820	13	< 1	540	22	< 10	< 10	1600
PGS-503	2600	740	6	18	550	560	6	< 1	440	17	< 10	< 10	250
PGS-504	2500	790	4	18	690	720	7	< 1	250	23	10	10	100
PGS-505	4400	760	6	70	670	760	5	< 1	340	16	< 10	< 10	770
PGS-506	5000	730	2	68	500	400	3	< 1	320	17	< 10	< 10	660
PGS-507	5500	1500	12	70	610	620	7	< 1	670	25	< 10	< 10	2300
PGS-508	5900	780	14	74	630	800	5	< 1	1100	28	< 10	< 10	1300
PGS-509	6300	730	< 2	46	760	3120	6	< 1	2700	120	20	< 10	3600
PGS-510	4900	780	4	58	680	860	4	< 1	970	34	10	< 10	1100
PGS-511	5200	610	2	100	560	540	4	< 1	110	22	< 10	< 10	230
PGS-512	6100	940	12	54	650	620	9	< 1	620	22	10	< 10	2100
PGS-513	5000	2700	12	56	810	1100	9	< 1	990	40	< 10	< 10	2200
PGS-514	4900	610	2	64	670	920	5	< 1	1300	36	< 10	< 10	1700
PGS-515	4300	750	12	66	640	740	7	< 1	300	21	< 10	10	220
PS-209	4800	830	< 2	64	580	940	4	< 1	1300	53	< 10	< 10	2100
PS-210	4900	990	2	72	690	660	3	< 1	530	41	10	< 10	1400
PS-211	6000	1300	16	130	810	620	4	< 1	430	38	< 10	< 10	630
PS-212	5200	1200	14	92	960	600	3	< 1	250	36	< 10	< 10	870
PS-215	5000	910	2	100	660	500	2	< 1	140	35	< 10	< 10	510
PS-216	6000	1100	10	130	620	520	3	< 1	220	24	< 10	20	240
PS-217	5200	680	4	86	620	460	2	< 1	80	37	< 10	< 10	100
PS-218	5100	680	2	72	560	360	2	< 1	150	29	< 10	10	200
PS-219	5700	1000	< 2	100	710	600	3	7	260	42	< 10	< 10	300

DATE : SEP-18-1989

SIGNED :

*Bernie Duan*

T.S.L. LABORATORIES

2-302-46TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE : (306) 931 - 1033

FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME HYDRATION LTD.  
10TH FLOOR-BOX 12, 605 WEST HASTINGS STREET  
WINNIPEG, S.C.

T.S.L. REPORT No. : 8-7148

T.S.L. File No. :

T.S.L. Invoice No. : 12022

V60 276

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWER GEN

S.A.U.: 8055/R-1198

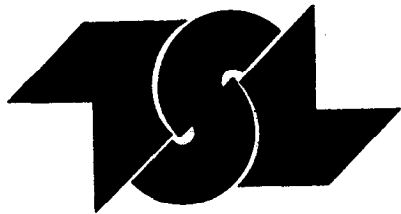
ALL RESULTS PPM

SAMPLE #	N	V	Y	Zn	Zr	Rb
PBS-501	< 10	55	19	110	6	< 5
PBS-502	< 10	110	20	100	12	20
PBS-503	< 10	51	9	99	5	< 5
PBS-504	< 10	31	10	100	4	< 5
PBS-505	< 10	50	14	240	7	< 5
PBS-506	< 10	19	9	95	5	< 5
PBS-507	< 10	110	13	210	8	5
PBS-508	< 10	110	9	130	5	5
PBS-509	< 10	120	19	150	24	10
PBS-510	< 10	24	9	100	3	< 5
PBS-511	< 10	35	7	95	7	< 5
PBS-512	< 10	110	13	130	12	15
PBS-513	< 10	44	19	100	13	< 5
PBS-514	< 10	30	8	110	8	< 5
PBS-515	< 10	29	8	130	5	10
PBS-208	< 10	53	14	160	9	< 5
PBS-210	< 10	45	10	170	4	< 5
PBS-211	< 10	47	10	160	4	15
PBS-212	< 10	41	15	210	4	< 5
PBS-215	< 10	36	12	170	1	< 5
PBS-216	< 10	42	7	150	5	< 5
PBS-217	< 10	32	5	80	1	< 5
PBS-218	< 10	31	5	96	< 1	< 5
PBS-219	< 10	39	8	120	< 1	< 5

DATE : SEP-18-1989

SIGNED :

*Bernie Dean*



# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7277

SAMPLE(S) OF Silts

INVOICE #: 12077  
P.O.: 8055/R-1248

W. Raven  
Project POWERGEM

	Au ppb	
PGS 561	<5	
PGS 562	<5	
PGS 563	<5	
PGS 564	<5	
PGS 565	<5	
PGS 566	<5	
PGS 567	<5	
PGS 568	<5	
PGS 569	<5	
PGS 570	15	
PGS 571	<5	
PGS 401	<5	Adrian
PGS 402	<5	↓
PGS 403	<5	
PGS 404	<5	
PGS 405	Not Rec'd	
PGS 406	<5	
PGS 505	<5	Adrian

Should be PGS-405

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INVOICE TO: OreQuest Consultants

Sep 18/89

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T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
 TELEPHONE : (306) 931 - 1033  
 FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-000 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : 9 - 7277  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 12434

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWERGEN 8055/R-1248

ALL RESULTS PPM

SAMPLE #	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb
PGS 561	17000	< 5	25	85	< 1	< 5	3300	< 1	43	14	23	26000	12
PGS 562	21000	< 5	60	110	< 1	< 5	2800	< 1	95	29	48	33000	6
PGS 563	20000	5	65	140	1	< 5	3300	< 1	77	29	52	32000	4
PGS 564	24000	5	75	160	1	< 5	4300	1	59	45	28	36000	10
PGS 565	22000	5	60	140	< 1	< 5	2500	< 1	64	24	34	35000	< 2
PGS 566	22000	5	55	120	< 1	< 5	3000	< 1	88	26	56	32000	2
PGS 567	20000	5	15	140	< 1	< 5	3500	< 1	49	10	19	31000	4
PGS 568	21000	< 5	< 5	130	< 1	< 5	3100	< 1	58	21	38	27000	6
PGS 569	20000	< 5	50	130	< 1	< 5	3200	< 1	60	23	42	28000	10
PGS 570	22000	5	25	130	1	< 5	2900	< 1	73	34	74	34000	8
PGS 571	20000	5	60	86	< 1	< 5	2100	< 1	61	22	60	34000	12
PGS 401	17000	< 5	25	200	< 1	< 5	2300	1	53	15	36	29000	14
PGS 402	19000	5	60	180	< 1	< 5	2400	< 1	41	30	17	40000	< 2
PGS 403	31000	< 5	< 5	150	2	< 5	1900	3	30	55	30	71000	14
PGS 404	13000	5	50	190	< 1	< 5	2700	1	43	17	42	27000	14
PGS 406	12000	5	20	200	< 1	< 5	3500	1	39	12	47	10000	10
PGS 505	8000	15	25	200	< 1	< 5	2800	2	27	15	53	28000	16

DATE : OCT-17-1989

SIGNED :

*Bernie Dunn*

T S L LABORATORIES

2-302-46TH STREET, SASKATOON, SASKATCHEWAN S7X 6A4

TELEPHONE : (306) 931 - 1033

FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2Y6

T.S.L. REPORT No. : S - 7277

T.S.L. File No. :

T.S.L. Invoice No. : 12434

ATTN: C. IJZISZEK, J. FOSTER

PROJECT: POWERGEN

8055/R-1246

ALL RESULTS PPM

SAMPLE #	Mg	Mn	Mo	Ni	Nb	P	K	Sc	Ag	Na	Sr	Th	Sn
PGS 561	4700	540	< 2	46	< 10	550	660	2	< 1	1300	57	< 10	< 10
PGS 562	5800	1200	2	100	< 10	900	520	3	< 1	330	59	< 10	< 10
PGS 563	5400	1400	2	80	< 10	890	500	2	< 1	350	77	< 10	< 10
PGS 564	4200	2700	< 2	62	10	870	360	1	< 1	170	200	< 10	10
PGS 565	5700	1500	< 2	84	< 10	760	420	2	< 1	170	86	< 10	< 10
PGS 566	5000	1100	2	100	< 10	1200	420	3	< 1	150	66	< 10	< 10
PGS 567	5200	360	< 2	56	< 10	760	460	2	< 1	680	56	< 10	< 10
PGS 568	4900	1000	< 2	68	< 10	800	460	1	< 1	240	74	< 10	< 10
PGS 569	5000	910	< 2	70	< 10	870	540	1	< 1	340	67	< 10	< 10
PGS 570	5200	1200	< 2	96	< 10	900	500	3	< 1	330	58	< 10	< 10
PGS 571	5600	580	< 2	80	< 10	990	360	3	< 1	90	39	< 10	< 10
PGS 401	4900	750	< 2	60	< 10	720	480	3	< 1	190	39	< 10	< 10
PGS 402	4100	2500	< 2	50	< 10	630	540	2	< 1	610	69	< 10	< 10
PGS 403	2000	1700	6	32	10	1600	240	2	< 1	90	44	< 10	10
PGS 404	4400	620	2	76	< 10	670	440	3	< 1	100	42	< 10	< 10
PGS 406	4700	300	< 2	70	< 10	580	420	4	< 1	80	40	< 10	< 10
PGS 505	3200	480	2	82	< 10	670	500	4	< 1	60	36	< 10	< 10

DATE : OCT-17-1989

SIGNED :

*Bernie Dunn*

T S L LABORATORIES

2-382-48TH STREET, SASKATON, SASKATCHEWAN S7N 6P4  
TELEPHONE : (306) 931 - 1033  
FAX : (306) 240 - 4717

S.O.B. PLASMA SCAN

Alpha-Beta Dip-Lion

PRIME EXPLORATION LTD.  
10TH FLOOR, BOX 10-508 WEST HASTINGS ST.  
VANCOUVER, B.C.

T.S.L. REPORT No. : 5 - 1277  
T.S.L. File No. :  
T.S.L. Invoice No. : 12434

V60 2Y6

ATTN: C. INDISEK, J. FOSTER

PROJECT: POWERGEN 60507R-1249

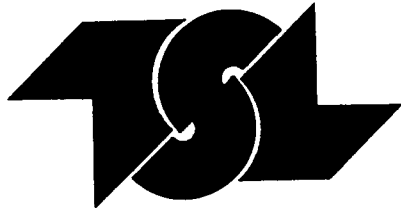
ALL RESULTS PPM

SAMPLE #	Ti	W	V	Y	Zn	Zr	Bt
P65 561	1600	< 10	36	7	40	5	25
P65 562	370	< 10	30	9	160	4	< 5
P65 563	450	< 10	32	9	170	3	< 5
P65 564	800	< 10	42	11	160	3	< 5
P65 565	220	< 10	32	7	140	4	10
P65 566	140	< 10	32	2	150	5	< 5
P65 567	1000	< 10	33	6	94	6	< 5
P65 568	370	10	32	9	140	2	35
P65 569	320	< 10	32	9	160	2	35
P65 570	340	< 10	33	10	220	5	< 5
P65 571	54	< 10	33	6	140	4	< 5
P65 401	200	< 10	31	7	130	5	35
P65 402	650	< 10	30	9	150	5	< 5
P65 403	870	< 10	52	20	200	12	55
P65 404	140	< 10	28	7	260	5	50
P65 406	26	< 10	18	6	250	5	< 5
P65 505	32	< 10	15	7	340	4	30

DATE : OCT-17-1989

SIGNED :

*Bernie Owen*



# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7278

SAMPLE(S) OF Silts

INVOICE #: 12078  
P.O.: 8055/R-1250

W. Raven  
Project POWERGEM

	Au ppb
PGS 601	30
PGS 602	<5
PGS 603	<5
PGS 604	<5
PGS 605	<5
PGS 606	<5

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants

Sep 18/89

SIGNED Bernie Dunn





T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
TELEPHONE : (306) 931 - 1033  
FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
VANCOUVER, B.C.

T.S.L. REPORT No. : S - 7278  
T.S.L. File No. :  
T.S.L. Invoice No. : 12435

V6C 2Y6

ATTN: C. IDZISZEK, J. FOSTER PROJECT: POWERGEN 8055/R-1250

ALL RESULTS PPM

SAMPLE #	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb
P6S 601	17000	5	5	110	< 1	< 5	1700	< 1	70	15	32	26000	12
P6S 602	20000	< 5	45	140	< 1	< 5	2700	< 1	54	26	30	27000	8
P6S 603	19000	5	65	140	< 1	< 5	2900	< 1	64	22	40	25000	6
P6S 604	17000	< 5	40	160	< 1	< 5	2400	< 1	62	17	39	27000	14
P6S 605	20000	10	< 5	140	< 1	< 5	1600	< 1	110	20	39	32000	10
P6S 606	19000	5	50	160	< 1	< 5	1800	< 1	65	43	37	39000	10

DATE : OCT-17-1989

SIGNED :

*Bernie Ovens*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE : (306) 931 - 1033

FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10TH FLOOR, BOX 10-006 WEST HASTINGS ST.

VANCOUVER, B.C.

V6C 2K6

ATTN: C. DOZISZEK, J. FOSTER

PROJECT: POWERGEN

8055/R-1250

T.S.L. REPORT No. : S - 7278

T.S.L. File No. :

T.S.L. Invoice No. : 12435

ALL RESULTS PPM

SAMPLE #	Mg	Mn	Mo	Ni	Nb	P	K	Sc	Ag	Na	Sr	Ti	Zn
PGS 601	5400	620	< 2	76	< 10	720	440	2	< 1	110	27	< 10	< 10
PGS 602	4800	1200	< 2	58	< 10	660	500	2	< 1	330	45	< 10	< 10
PGS 603	5200	930	< 2	76	< 10	800	520	2	< 1	310	49	< 10	< 10
PGS 604	5200	690	< 2	76	< 10	740	500	3	< 1	120	41	< 10	< 10
PGS 605	5600	970	< 2	96	< 10	680	460	3	< 1	80	31	< 10	< 10
PGS 606	4900	2200	< 2	74	< 10	950	400	3	< 1	90	29	< 10	< 10

DATE : OCT-17-1989

SIGNED :

*Bernie Ours*

T S L LABORATORIES

2-302-48TH STREET, SASKATON, SASKATCHEWAN S7N 6A4  
TELEPHONE : (306) 931 - 1033  
FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Acid-Resia Digestion

PRIME EXPLORATION LTD.  
10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
VANCOUVER, B.C.

T.S.L. REPORT No. : S - 7278  
T.S.L. File No. :  
T.S.L. Invoice No. : 12435

V60 216

ATTN: D. DZISZAK, J. ROSENF PROJECT: POWERGEN 8805/R-1208

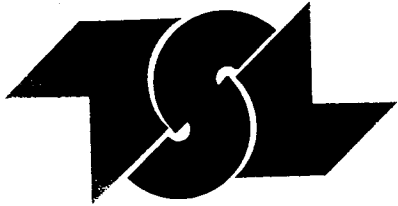
ALL RESULTS PPM

SAMPLE #	TI	H	V	Y	Zn	Zr	B
P65 601	110	< 10	29	6	110	5	10
P65 602	400	< 10	31	9	140	2	< 5
P65 603	370	< 10	32	9	140	3	< 5
P65 604	140	< 10	30	6	140	4	35
P65 605	76	< 10	32	6	120	5	< 5
P65 606	110	< 10	32	8	140	7	< 5

DATE : OCT-17-1989

SIGNED :

*Bernie Dunn*



# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7499

SAMPLE(S) OF Silt

INVOICE #: 12443  
P.O.: 8055/R-1326

W. Raven  
Project POWER GEM

	Au ppb	Ag ppm	
611	5	1.0	
612	<5	1.2	
613	<5	.8	
614	<5	.6	ADRIAN
615	<5	1.2	
616	5	.8	
617	<5	.4	
618	<5	.8	

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INVOICE TO: OreQuest Consultants

Oct 17/89

SIGNED Bernie Owen



T S L LABORATORIES

2-302-40TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE : (306) 931 - 1033

FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10TH FLOOR, BOX 10-800 WEST HASTINGS ST.

VANCOUVER, B.C.

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWERGEN 8055/R-1326

T.S.L. REPORT No. : S - 7499

T.S.L. File No. :

T.S.L. Invoice No. : 12500

ALL RESULTS PPM

SAMPLE #	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb
611	19000	< 5	45	37	< 1	< 5	3400	< 1	52	14	56	32000	20
612	23000	15	35	75	1	< 5	4100	1	46	24	68	33000	20
613	19000	15	45	70	1	< 5	2600	< 1	44	24	53	30000	22
614	16000	10	60	43	< 1	< 5	1400	< 1	52	8	32	22000	6
615	18000	< 5	50	48	2	< 5	3200	< 1	29	11	24	14000	< 2
616	15000	5	30	45	1	< 5	1700	< 1	44	13	34	23000	2
617	15000	< 5	25	56	1	< 5	1900	< 1	45	17	38	23000	2
618	15000	< 5	35	40	< 1	< 5	1800	< 1	48	9	28	22000	< 2

DATE : OCT-24-1989

SIGNED :

*Dennis Piljiah*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE : (306) 931 - 1033

FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10TH FLOOR, BOX 10-800 WEST HASTINGS ST.

VANCOUVER, B.C.

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWERGEM

8055/R-1326

T.S.L. REPORT No. : S - 7499

T.S.L. File No. :

T.S.L. Invoice No. : 12500

ALL RESULTS PPM

SAMPLE #	Mg	Mn	Mo	Ni	Nb	P	K	Sc	Ag	Na	Sr	Th	Sn
611	6100	390	< 2	78	< 10	800	400	3	< 1	90	37	10	< 10
612	5000	1200	< 2	78	10	1100	920	3	< 1	1100	76	10	< 10
613	5500	1500	< 2	70	< 10	940	700	2	< 1	450	60	< 10	< 10
614	5400	570	< 2	62	< 10	710	400	1	< 1	220	33	< 10	10
615	3300	590	2	36	< 10	970	620	1	< 1	700	52	10	< 10
616	5300	700	< 2	62	< 10	710	460	2	< 1	400	35	< 10	< 10
617	5100	1100	< 2	64	< 10	820	500	1	< 1	310	46	< 10	< 10
618	5300	540	< 2	62	< 10	720	500	2	< 1	400	38	< 10	< 10

DATE : OCT-24-1989

SIGNED :

*Dennis Pilgial*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
TELEPHONE : (306) 931 - 1033  
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
10TH FLOOR, BOX 10-800 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2X6

T.S.L. REPORT No. : S - 7499  
T.S.L. File No. :  
T.S.L. Invoice No. : 12500

ATTN: C. IDZISZEK, J. FOSTER PROJECT: POWERGEM 8055/R-1326

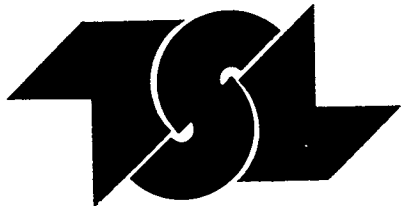
ALL RESULTS PPM

SAMPLE #	Ti	W	V	Y	Zn	Zr	Bi
611	41	< 10	33	6	120	3	< 5
612	1100	10	41	13	190	6	< 5
613	450	< 10	33	9	140	2	< 5
614	220	< 10	20	7	80	2	< 5
615	1100	< 10	27	13	120	4	< 5
616	410	< 10	19	8	94	1	< 5
617	390	< 10	19	9	110	1	< 5
618	440	< 10	20	6	83	2	< 5

DATE : OCT-24-1989

SIGNED :

*Dennis Piljialk*



# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7133

SAMPLE(S) OF Soils

INVOICE #: 11898  
P.O.: 8055-R-1202

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L4000A-0+00	5	<.2	59	9
L4000A-0+50S	5	<.2	63	7
L4000A-1+00S	10	<.2	59	5
L4000A-1+50S	5	<.2	69	7
L4000A-2+00S	20	<.2	38	3
L4000A-2+50S	5	.2	43	7
L4000A-3+00S	5	.2	58	6
L4000A-3+50S	5	<.2	46	7
L4000A-4+00S	5	<.2	38	5
L4000A-4+50S	5	.2	36	2
L4000A-5+00S	<5	<.2	65	2
L3500A-0+00	<5	.2	32	2
L3500A-0+50N	<5	<.2	30	2
L3500A-1+00N	5	<.2	21	1
L3500A-1+50N	5	<.2	45	4
L3500A-2+00N	5	<.2	57	7
L3500A-2+50N	5	<.2	44	5
L3500A-3+00N	<5	<.2	45	2
L3500A-3+50N	<5	<.2	25	3
L3500A-4+00N	<5	<.2	38	5

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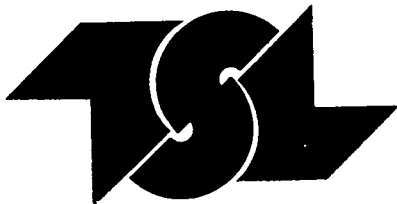
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*Bernie Dunn*







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DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

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Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7133

SAMPLE(S) OF Soils

INVOICE #: 11898  
P.O.: 8055-R-1202

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L3500A-4+50N	5	.2	48	7
L3500A-5+00N	5	.2	220	4
L3500-0+00	<5	<.2	16	3
L3500-0+50S	<5	<.2	34	5
L3500-1+00S	<5	<.2	22	5
L3500-1+50S	<5	<.2	32	3
L3500-2+00S	<5	<.2	30	3
L3500-2+50S	<5	<.2	17	3
L3500-3+00S	<5	.6	42	2
L3500-3+50S	<5	.6	49	4
L3500-4+00S	5	.6	73	6
L3500-4+50S	<5	<.2	38	3
L3500-5+00S	<5	.6	23	2
L3500-5+50S	<5	<.2	16	4
L3500-6+00S	5	<.2	23	3
L3500-6+50S	5	<.2	20	9
L3500-7+00S	<5	.4	39	2
L3500-7+50S	<5	<.2	33	2
L3500-8+00S	<5	.2	30	2
L3500-8+50S	<5	.2	28	5

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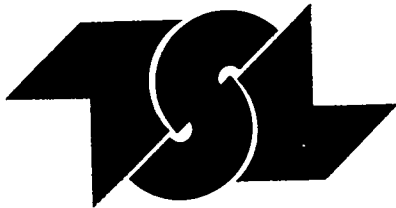
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*Bernie Dean*

For enquiries on this report, please contact Customer Service Department.  
Samples, Pulps and Rejects discarded two months from the date of this report.

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# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7133

SAMPLE(S) OF Soils

INVOICE #: 11898  
P.O.: 8055-R-1202

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L3500-9+00S	<5	1.0	27	6
L3500-9+50S	<5	.2	37	4
L3500-10+00S	<5	<.2	21	2
L3500-10+50S	<5	.2	24	4
L3500-11+00S	<5	.2	26	1
L3500-11+50S	<5	.4	39	2
L3500-12+00S	<5	.2	21	2
L3500-12+50S	<5	1.0	11	3
L3500-13+00S	<5	<.2	13	4
L3500-13+50S	<5	<.2	12	3
L3500-14+00S	<5	<.2	36	1
L3500-14+50S	<5	<.2	21	3
L3500-15+00S	<5	<.2	36	3
L3500-15+50S	<5	<.2	15	<1
L3500-16+00S	<5	.2	21	3
L3500-16+50S	<5	<.2	19	<1
L3500-17+00S	<5	.2	43	4
L3500-17+50S	<5	.2	23	3
L3500-18+00S	<5	.2	17	7
L3500-18+50S	<5	1.0	21	3

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*Bernie Dunn*

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Page 3 of 4





# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7133

INVOICE #: 11898  
P.O.: 8055-R-1202

SAMPLE(S) OF Soils

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L3500-19+00S	<5	.2	18	3
L3500-19+50S	<5	.2	19	1
L3500-20+00S	<5	<.2	24	5
L4000-15+50S	<5	.2	36	5
L4000-16+00S	<5	<.2	50	6
L4000-16+50S	<5	<.2	55	6
L4000-17+00S	<5	<.2	68	3
L4000-17+50S	<5	<.2	150	3
L4000-18+00S	<5	.2	58	7
L4000-18+50S	<5	<.2	52	3
L4000-19+00S	<5	.6	120	10
L4000-19+50S	<5	.2	48	5
L4000-20+00S	<5	.4	47	3
L4000-20+50S	<5	<.2	69	2
L4000-21+00S	<5	.2	90	5
L4000-21+50S	<5	<.2	80	6
L4000-22+00S	<5	<.2	71	5
L4000-22+50S	<5	<.2	87	3

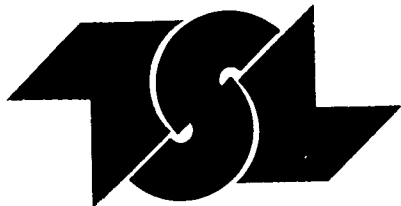
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*Bernie Ouan*





# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7131

INVOICE #: 11886  
P.O.: 8055-R-1177

SAMPLE(S) OF Soils

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L3800-0+00	<5	.2	99	11
L3800-0+50SW	<5	<.2	35	7
L3800-1+00SW	<5	<.2	24	4
L3800-1+50SW	30	<.2	22	6
L3800-2+00SW	10	<.2	28	7
L3800-2+50SW	<5	<.2	83	10
L3800-3+00SW	<5	<.2	39	9
L3800-3+50SW	<5	<.2	46	24
L3800-4+00SW	<5	<.2	22	4
L3800-4+50SW	<5	<.2	28	3
L3800-5+00SW	<5	<.2	26	6
L3800-5+50SW	<5	<.2	39	9
L3800-6+00SW	<5	<.2	34	7
L3800-6+50SW	<5	<.2	27	4
L3800-7+00SW	<5	<.2	25	6
L1220-0+00S	<5	<.2	15	3
L1220-0+50S	<5	<.2	27	6
L1220-1+00S	<5	<.2	52	7
L1220-1+50S	<5	<.2	21	8
L1220-2+00S	<5	<.2	58	5

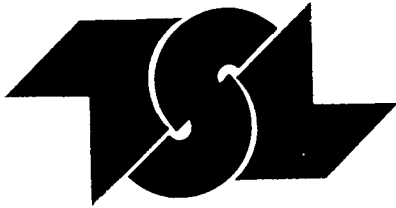
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*Bernie Dunn*





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DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

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## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7131

SAMPLE(S) OF Soils

INVOICE #: 11886  
P.O.: 8055-R-1177

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L1220-2+50S	5	<.2	38	6
L1220-3+00S	<5	<.2	54	10
L1220-3+50S	<5	<.2	62	11
L1220-4+00S	<5	<.2	36	4
L1220-4+50S	<5	<.2	18	5
L1220-5+00S	<5	<.2	25	6
L1220-5+50S	<5	<.2	50	11
L1220-6+00S	10	<.2	24	3
L1220-6+50S	<5	<.2	34	6
L1220-7+00S	<5	<.2	28	7
L1220-7+50S	<5	<.2	24	3
L1220-8+00S	<5	.2	17	3
L1220-8+50S	<5	<.2	26	3
L1220-9+00S	<5	<.2	52	13
L1220-9+50S	<5	<.2	26	3
L1220-10+00S	<5	<.2	12	2
L1220-10+50S	<5	<.2	22	9
L1220-11+00S	<5	<.2	21	4
L1220-11+50S	<5	<.2	44	8
L1220-12+00S	<5	<.2	74	11

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*Bernie Dunn*





# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7131

SAMPLE(S) OF Soils

INVOICE #: 11886  
P.O.: 8055-R-1177

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L1220-12+50S	<5	<.2	31	7
L1220-13+00S	<5	<.2	35	4
L1220-13+50S	<5	<.2	29	3
L1220-14+00S	<5	<.2	53	7
L1220-14+50S	<5	<.2	36	4
L1220-15+00S	<5	<.2	31	7
L1220-15+50S	<5	<.2	44	4
L1220-16+00S	<5	<.2	32	4
L1220-16+50S	<5	<.2	14	3
L1220-17+00S	<5	.4	18	2
L1220-17+50S	<5	<.2	28	4
L1220-18+00S	<5	<.2	13	2
L1220-18+50S	<5	<.2	15	1
L1220-19+00S	<5	<.2	22	2
L1220-19+50S	<5	<.2	46	9
L1220-20+00S	5	<.2	64	9
L1220-20+50S	<5	<.2	85	10
L1220-21+00S	<5	<.2	24	4
L1220-21+50S	<5	<.2	47	4
L1220-22+00S	<5	<.2	33	6

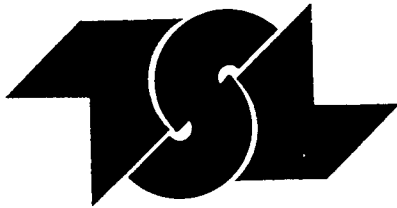
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*Bonnie Dunn*





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2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

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10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7131

SAMPLE(S) OF Soils

INVOICE #: 11886  
P.O.: 8055-R-1177

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L1220-22+50S	<5	<.2	28	5
L1220-23+00S	<5	.2	18	2
L1220-23+50S	<5	<.2	19	2
L1220-24+00S	50	<.2	22	6
L1220-24+50S	<5	.4	76	13
L1220-25+00S	<5	<.2	52	11
L1220-25+50S	<5	.8	41	3
L1220-26+00S	<5	.2	26	3
L1220-26+50S	5	<.2	12	3
L1220-27+00S	<5	<.2	37	6
L1220-27+50S	<5	<.2	69	7
L1220-28+00S	<5	<.2	17	3
L1220-28+50S	<5	<.2	66	5

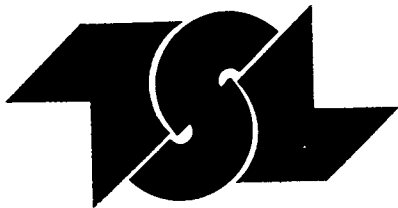
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DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7133

SAMPLE(S) OF Soils

INVOICE #: 11898  
P.O.: 8055-R-1202

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L4000A-0+00	5	<.2	59	9
L4000A-0+50S	5	<.2	63	7
L4000A-1+00S	10	<.2	59	5
L4000A-1+50S	5	<.2	69	7
L4000A-2+00S	20	<.2	38	3
L4000A-2+50S	5	.2	43	7
L4000A-3+00S	5	.2	58	6
L4000A-3+50S	5	<.2	46	7
L4000A-4+00S	5	<.2	38	5
L4000A-4+50S	5	.2	36	2
L4000A-5+00S	<5	<.2	65	2
L3500A-0+00	<5	.2	32	2
L3500A-0+50N	<5	<.2	30	2
L3500A-1+00N	5	<.2	21	1
L3500A-1+50N	5	<.2	45	4
L3500A-2+00N	5	<.2	57	7
L3500A-2+50N	5	<.2	44	5
L3500A-3+00N	<5	<.2	45	2
L3500A-3+50N	<5	<.2	25	3
L3500A-4+00N	<5	<.2	38	5

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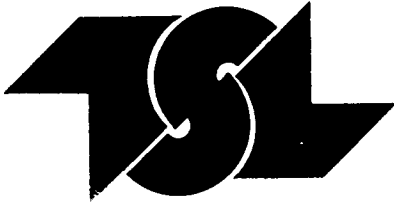
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S7133

SAMPLE(S) OF Soils

INVOICE #: 11898  
P.O.: 8055-R-1202

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L3500A-4+50N	5	.2	48	7
L3500A-5+00N	5	.2	220	4
L3500-0+00	<5	<.2	16	3
L3500-0+50S	<5	<.2	34	5
L3500-1+00S	<5	<.2	22	5
L3500-1+50S	<5	<.2	32	3
L3500-2+00S	<5	<.2	30	3
L3500-2+50S	<5	<.2	17	3
L3500-3+00S	<5	.6	42	2
L3500-3+50S	<5	.6	49	4
L3500-4+00S	5	.6	73	6
L3500-4+50S	<5	<.2	38	3
L3500-5+00S	<5	.6	23	2
L3500-5+50S	<5	<.2	16	4
L3500-6+00S	5	<.2	23	3
L3500-6+50S	5	<.2	20	9
L3500-7+00S	<5	.4	39	2
L3500-7+50S	<5	<.2	33	2
L3500-8+00S	<5	.2	30	2
L3500-8+50S	<5	.2	28	5

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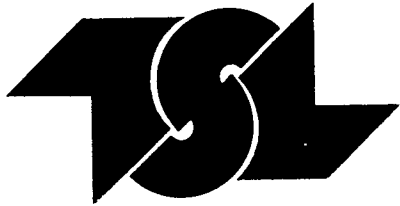
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REPORT No.  
S7133

SAMPLE(S) OF Soils

INVOICE #: 11898  
P.O.: 8055-R-1202

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L3500-9+00S	<5	1.0	27	6
L3500-9+50S	<5	.2	37	4
L3500-10+00S	<5	<.2	21	2
L3500-10+50S	<5	.2	24	4
L3500-11+00S	<5	.2	26	1
L3500-11+50S	<5	.4	39	2
L3500-12+00S	<5	.2	21	2
L3500-12+50S	<5	1.0	11	3
L3500-13+00S	<5	<.2	13	4
L3500-13+50S	<5	<.2	12	3
L3500-14+00S	<5	<.2	36	1
L3500-14+50S	<5	<.2	21	3
L3500-15+00S	<5	<.2	36	3
L3500-15+50S	<5	<.2	15	<1
L3500-16+00S	<5	.2	21	3
L3500-16+50S	<5	<.2	19	<1
L3500-17+00S	<5	.2	43	4
L3500-17+50S	<5	.2	23	3
L3500-18+00S	<5	.2	17	7
L3500-18+50S	<5	1.0	21	3

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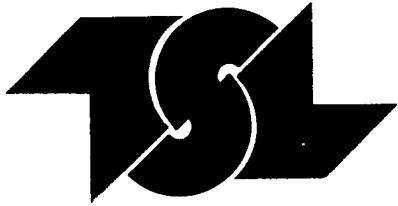
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SAMPLE(S) OF Soils

INVOICE #: 11898  
P.O.: 8055-R-1202

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L3500-19+00S	<5	.2	18	3
L3500-19+50S	<5	.2	19	1
L3500-20+00S	<5	<.2	24	5
L4000-15+50S	<5	.2	36	5
L4000-16+00S	<5	<.2	50	6
L4000-16+50S	<5	<.2	55	6
L4000-17+00S	<5	<.2	68	3
L4000-17+50S	<5	<.2	150	3
L4000-18+00S	<5	.2	58	7
L4000-18+50S	<5	<.2	52	3
L4000-19+00S	<5	.6	120	10
L4000-19+50S	<5	.2	48	5
L4000-20+00S	<5	.4	47	3
L4000-20+50S	<5	<.2	69	2
L4000-21+00S	<5	.2	90	5
L4000-21+50S	<5	<.2	80	6
L4000-22+00S	<5	<.2	71	5
L4000-22+50S	<5	<.2	87	3

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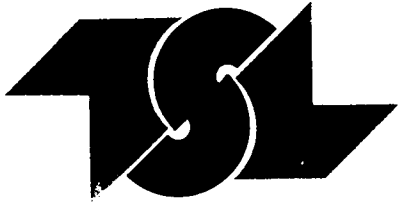
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## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7132

SAMPLE(S) OF Soils

INVOICE #: 11885  
P.O.: 8055-R-1196

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L4000-0+00	<5	.2	38	5
L4000-0+50N	<5	.2	50	6
L4000-1+00N	<5	<.2	15	3
L4000-1+50N	5	<.2	19	1
L4000-2+00N	<5	.2	30	2
L4000-2+50N	<5	.2	29	2
L4000-3+00N	<5	.2	35	4
L4000-3+50N	<5	.2	61	3
L4000-4+00N	5	<.2	79	5
L4000-4+50N	<5	<.2	52	3
L4000-5+00N	<5	.2	26	2
L4000-5+50N	<5	<.2	27	2
L4000-6+00N	5	.2	43	2
L4000-6+50N	<5	.6	23	<1
L4000-7+00N	<5	<.2	25	1
L4000-7+50N	<5	<.2	56	4
L4000-8+00N	<5	<.2	38	2
L4000-9+00N	<5	.2	22	2
L4000-9+50N	<5	<.2	49	3
L4000-10+00N	<5	.2	29	4

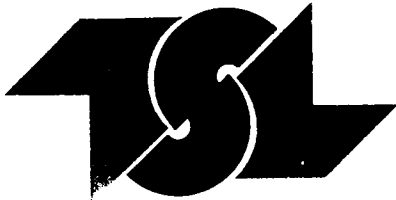
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REPORT No.  
S7132

SAMPLE(S) OF Soils

INVOICE #: 11885  
P.O.: 8055-R-1196

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L4000-10+50N	<5	1.2	24	<1
L4000-11+00N	<5	<.2	92	4
L4000-11+50N	5	<.2	53	3
L4000-12+00N	<5	<.2	66	2
L4000-13+00N	<5	<.2	64	1
L4000-13+50N	<5	.2	55	1
L4000-14+00N	<5	<.2	73	2
L4000-14+50N	<5	.2	36	4
L4000-15+00N	<5	.2	24	50
L1090-0+00	<5	.2	19	3
L1090-0+50E	<5	.2	20	2
L1090-1+00E	5	<.2	39	4
L1090-1+50E	<5	.2	41	3
L1090-2+00E	10	.4	54	4
L1090-2+50E	<5	.2	32	7
L1090-3+00E	5	.4	30	2
L1090-3+50E	5	.2	30	12
L1090-4+00E	<5	.2	21	5
L1090-4+50E	<5	<.2	52	6
L1090-5+00E	<5	2.0	30	4

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S7K 6A4

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Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7132

SAMPLE(S) OF Soils

INVOICE #: 11885  
P.O.: 8055-R-1196

W. Raven  
Project POWER GEM Albino Lake

	Au ppb	Ag ppm	Cu ppm	As ppm
L1090-5+50E	<5	.2	200	3
L1090-6+00E	15	<.2	65	2
L1090-6+50E	<5	<.2	32	2
L1090-7+00E	<5	.2	36	5
L1090-7+50E	<5	<.2	40	11
L1090-8+00E	<5	<.2	37	2
L1090-8+50E	5	<.2	29	2
L1090-9+00E	10	.4	97	70
L1090-10+00E	<5	.2	24	7
L1090-10+50E	10	.2	99	15
L1090-11+00E	<5	<.2	33	12
L1090-11+50E	<5	<.2	72	1
L1090-12+00E	45	.4	35	1
L1090-12+50E	<5	<.2	37	3
L1090-13+00E	<5	<.2	51	2
L1090-13+50E	<5	<.2	25	<1
L1090-14+00E	<5	.2	55	4
L1090-14+50E	<5	<.2	23	2

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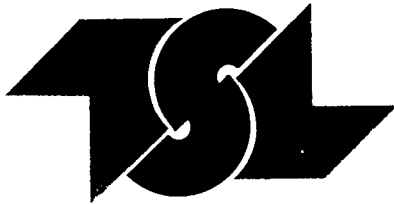
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S7K 6A4

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10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7124

SAMPLE(S) OF Soils

INVOICE #: 11897  
P.O.: 8055-R-1201

W. Raven  
Project POWER GEM

	Au ppb	Ag ppm	Cu ppm	As ppm
L3500-20+50S	5	<.2	42	6
L3500-21+00S	<5	<.2	15	2
L3500-21+50S	<5	<.2	17	2
L3500-22+00S	<5	.2	37	5
L3500-22+50S	10	<.2	15	8
L3500-23+00S	5	.2	29	5
L3500-23+50S	<5	<.2	16	3
L3500-24+00S	<5	<.2	19	9
L3500-24+50S	5	<.2	25	3
L3500-25+00S	120	.2	20	4
L3500-25+50S	<5	<.2	35	4
L3500-26+00S	<5	<.2	26	5
L3500-26+50S	<5	.2	19	5
L3500-27+00S	5	<.2	18	4
L3500-27+50S	5	<.2	46	5
L3500-28+00S	5	<.2	19	3
L3500-28+50S	10	<.2	15	5
L3500-29+00S	10	<.2	52	8
L3500-29+50S	5	<.2	26	2
L3500-30+00S	<5	<.2	16	5

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S7K 6A4

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10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7124

SAMPLE(S) OF Soils

INVOICE #: 11897  
P.O.: 8055-R-1201

W. Raven  
Project POWER GEM

	Au ppb	Ag ppm	Cu ppm	As ppm
L1090-15+00E	<5	<.2	48	6
L1090-15+50E	<5	<.2	46	5
L1090-16+00E	<5	<.2	65	4
L1090-16+50E	<5	<.2	63	6
L1090-17+00E	5	<.2	35	<1
L1090-17+50E	5	<.2	29	5
L1090-18+00E	5	<.2	36	4
L1090-18+50E	<5	<.2	24	2
L1090-19+00E	<5	<.2	26	2
L1090-19+50E	<5	<.2	19	6
L1090-20+00E	<5	<.2	41	11
L1090-20+50E	<5	<.2	31	3
L1090-21+00E	<5	<.2	58	9
L1090-21+50E	<5	<.2	22	7
L1090-22+00E	<5	<.2	18	<1

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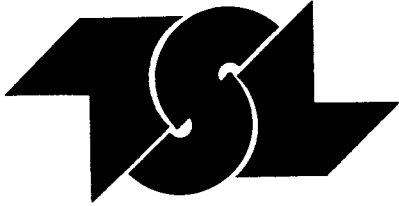
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S7K 6A4

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SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7289

SAMPLE(S) OF Soil

INVOICE #: 12088  
P.O.: 8055/R-1268

W. Raven  
Project POWERGEM Albino Lake

Au  
ppb

L5+00S-6+00E	<5
L5+00N-0+00	<5
L5+00N-0+25W	<5
L5+00N-0+50W	<5
L5+00N-0+75W	<5
L5+00N-1+00W	<5
L5+00N-1+25W	<5
L5+00N-1+50W	<5
L5+00N-1+75W	<5
L5+00N-2+00W	<5
L5+00N-2+25W	30
L5+00N-2+50W	<5
L5+00N-2+75W	<5
L5+00N-3+00W	<5
L5+00N-3+25W	10
L5+00N-3+50W	5
L5+00N-3+75W	<5
L5+00N-4+00W	<5
L5+00N-4+25W	<5
L5+00N-4+50W	<5

ADRIAN - (Flagged Grid)

POWERGEM  
(Flagged grid)

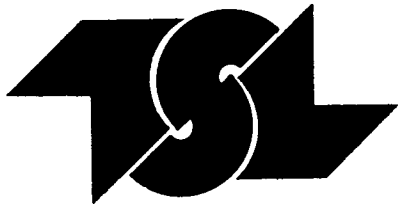
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V6C 2X6

REPORT No.  
S7289

SAMPLE(S) OF Soil

INVOICE #: 12088  
P.O.: 8055/R-1268

W. Raven  
Project POWERGEM Albino Lake

Au  
ppb

L5+00N-4+75W	<5
L5+00N-5+00W	<5
L5+00N-5+25W	<5
L5+00N-5+50W	<5
L5+00N-5+75W	<5
L5+00N-6+00W	<5
L5+00N-0+25E	<5
L5+00N-0+50E	<5
L5+00N-0+75E	<5
L5+00N-1+00E	<5
L5+00N-1+25E	<5
L5+00N-1+50E	<5
L5+00N-1+75E	<5
L5+00N-2+00E	<5
L5+00N-2+25E	<5
L5+00N-2+50E	<5
L5+00N-2+75E	<5
L5+00N-3+00E	<5
L5+00N-3+25E	<5
L5+00N-3+50E	<5

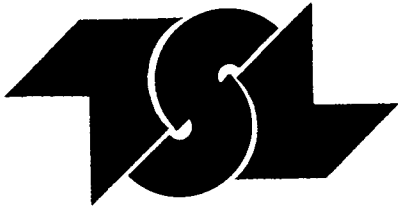
POWERGEM  
(Flagged Grid)

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants

Sep 18/89

SIGNED





# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S7289

SAMPLE(S) OF Soil

INVOICE #: 12088  
P.O.: 8055/R-1268

W. Raven  
Project POWERGEM Albino Lake

	Au ppb	
L5+00N-3+75E	<5	POWERGEM (Flagged Grid)
L5+00N-4+00E	<5	

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants

Sep 18/89

SIGNED Beenie Aene



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE : (306) 931 - 1033

FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10TH FLOOR, BOX 10-808 WEST HASTINGS ST.

VANCOUVER, B.C.

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWERGEN ALBINO LAKE 8055/R-1268

ALL RESULTS PPM

T.S.L. REPORT No. : S - 7289

T.S.L. File No. :

T.S.L. Invoice No. : 12474

SAMPLE #	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb
L5+00S-3+50E	20000	< 5	40	82	< 1	< 5	1100	< 1	53	5	18	56000	14
L5+00S-3+75E	26000	< 5	< 5	76	< 1	< 5	1300	< 1	57	2	19	60000	10
L5+00S-4+00E	13000	< 5	< 5	65	< 1	< 5	590	< 1	130	4	21	31000	12
L5+00S-4+25E	18000	< 5	< 5	110	< 1	< 5	380	< 1	40	3	17	61000	26
L5+00S-4+50E	23000	< 5	15	100	< 1	< 5	500	< 1	54	4	23	57000	26
L5+00S-4+75E	19000	< 5	< 5	110	< 1	< 5	1100	< 1	53	7	20	46000	10
L5+00S-5+00E	21000	< 5	< 5	110	< 1	< 5	690	< 1	65	4	22	60000	16
L5+00S-5+25E	15000	< 5	25	55	< 1	< 5	920	< 1	37	7	19	48000	4
L5+00S-5+50E	29000	< 5	5	66	< 1	< 5	290	< 1	48	3	25	65000	28
L5+00S-5+75E	20000	< 5	30	47	< 1	< 5	730	< 1	55	6	18	54000	20
L5+00S-6+00E	37000	< 5	< 5	59	< 1	< 5	190	< 1	59	3	24	61000	16
L5+00N-0+00	12000	< 5	< 5	62	< 1	< 5	410	< 1	20	6	16	38000	16
L5+00N-0+25W	21000	< 5	15	79	< 1	< 5	1100	< 1	70	12	32	46000	6
L5+00N-0+50W	48000	< 5	5	48	1	< 5	740	< 1	44	60	71	23000	12
L5+00N-0+75W	18000	< 5	45	56	< 1	< 5	410	< 1	63	5	11	32000	12
L5+00N-1+00W	22000	< 5	< 5	74	< 1	< 5	230	< 1	51	3	19	31000	10
L5+00N-1+25W	28000	< 5	< 5	69	< 1	< 5	800	< 1	50	3	47	24000	12
L5+00N-1+50W	30000	< 5	< 5	52	< 1	< 5	410	< 1	47	3	26	36000	14
L5+00N-1+75W	19000	< 5	< 5	130	< 1	< 5	1300	< 1	37	9	25	42000	10
L5+00N-2+00W	19000	< 5	5	84	< 1	< 5	430	< 1	63	3	29	34000	10
L5+00N-2+25W	4000	< 5	5	180	< 1	5	7500	1	13	7	37	9200	130
L5+00N-2+50W	21000	< 5	15	71	< 1	< 5	330	< 1	75	5	18	47000	18
L5+00N-2+75W	43000	< 5	< 5	52	< 1	< 5	2500	< 1	28	12	36	35000	6
L5+00N-3+00W	22000	< 5	5	110	< 1	< 5	650	< 1	56	9	21	50000	12
L5+00N-3+25W	18000	< 5	< 5	71	< 1	< 5	950	< 1	52	5	17	37000	12
L5+00N-3+50W	26000	< 5	< 5	55	< 1	< 5	1100	< 1	35	38	31	30000	12
L5+00N-3+75W	32000	< 5	< 5	37	< 1	< 5	360	< 1	29	6	25	43000	18
L5+00N-4+00W	24000	< 5	25	110	< 1	< 5	970	< 1	81	7	29	36000	10
L5+00N-4+25W	18000	< 5	< 5	55	< 1	< 5	470	< 1	54	3	20	41000	< 2
L5+00N-4+50W	14000	< 5	< 5	85	< 1	< 5	500	< 1	27	5	38	30000	20

DATE : OCT-20-1989

SIGNED :

*Bernie Owen*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE : (306) 931 - 1033

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PRIME EXPLORATION LTD.

10TH FLOOR, BOX 10-808 WEST HASTINGS ST.

VANCOUVER, B.C.

V6C 2X6

T.S.L. REPORT No. : S - 7289

T.S.L. File No. :

T.S.L. Invoice No. : 12474

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWERGEN ALBINO LAKE 8055/R-1268

ALL RESULTS PPM

SAMPLE #	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb
L5+00N-4+75W	16000	< 5	< 5	45	< 1	< 5	510	< 1	21	5	15	40000	18
L5+00N-5+00W	21000	< 5	5	52	< 1	< 5	450	< 1	37	6	18	52000	16
L5+00N-5+25W	17000	< 5	< 5	38	< 1	< 5	370	< 1	45	6	16	40000	16
L5+00N-5+50W	22000	< 5	20	61	< 1	< 5	950	< 1	67	7	19	39000	12
L5+00N-5+75W	31000	< 5	40	56	< 1	< 5	310	< 1	38	5	24	59000	12
L5+00N-6+00W	23000	< 5	< 5	93	< 1	< 5	1100	< 1	68	4	41	34000	14
L5+00N-8+25E	18000	< 5	5	56	< 1	< 5	460	< 1	44	5	15	47000	8
L5+00N-8+50E	28000	< 5	5	60	2	< 5	990	< 1	42	23	38	35000	18
L5+00N-8+75E	24000	< 5	< 5	53	< 1	< 5	1200	< 1	28	20	19	38000	14
L5+00N-1+00E	18000	< 5	< 5	57	< 1	< 5	790	< 1	29	9	12	44000	18
L5+00N-1+25E	17000	< 5	< 5	120	< 1	< 5	900	< 1	40	6	16	55000	18
L5+00N-1+50E	29000	< 5	40	190	2	< 5	5100	< 1	46	40	27	62000	12
L5+00N-1+75E	28000	< 5	15	74	< 1	< 5	1800	< 1	50	22	19	34000	12
L5+00N-2+00E	16000	< 5	20	99	< 1	< 5	1200	< 1	46	8	19	31000	18
L5+00N-2+25E	28000	< 5	5	95	< 1	< 5	3900	< 1	26	15	14	38000	6
L5+00N-2+50E	11000	< 5	10	54	< 1	< 5	850	< 1	35	8	16	38000	16
L5+00N-2+75E	31000	< 5	20	58	< 1	< 5	1800	< 1	33	30	26	33000	10
L5+00N-3+00E	25000	< 5	< 5	55	< 1	5	2100	< 1	24	7	21	11000	16
L5+00N-3+25E	33000	< 5	5	68	1	< 5	1300	< 1	19	10	30	33000	22
L5+00N-3+50E	29000	< 5	< 5	110	< 1	< 5	630	< 1	73	8	30	44000	14
L5+00N-3+75E	31000	< 5	25	130	< 1	< 5	150	< 1	99	4	22	59000	12
L5+00N-4+00E	31000	< 5	< 5	62	< 1	< 5	140	< 1	77	6	46	79000	30

DATE : OCT-20-1989

SIGNED :

*Bernie Dunn*

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Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10TH FLOOR, BOX 10 - 808 WEST HASTINGS ST.

VANCOUVER, B.C.

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWERGEN ALBINO LAKE 8055/R-1268

ALL RESULTS PPM

T.S.L. REPORT No. : S - 7289

T.S.L. File No. :

T.S.L. Invoice No. : 12474

SAMPLE #	Mg	Mn	Mo	Ni	Nb	P	K	Sc	Ag	Na	Sr	Th	Sn
L5+00S-3+50E	2600	220	8	24	10	630	320	1	< 1	230	13	< 10	10
L5+00S-3+75E	2400	95	14	16	< 10	470	220	2	< 1	100	11	< 10	10
L5+00S-4+00E	1200	100	2	58	< 10	570	340	2	< 1	160	8	< 10	< 10
L5+00S-4+25E	920	300	12	12	10	470	320	2	< 1	80	9	< 10	< 10
L5+00S-4+50E	1900	100	14	14	20	460	280	2	< 1	40	8	< 10	10
L5+00S-4+75E	3300	240	< 2	38	< 10	620	400	2	< 1	130	14	< 10	10
L5+00S-5+00E	3000	100	14	30	10	1100	260	2	< 1	110	11	< 10	< 10
L5+00S-5+25E	2600	160	< 2	22	10	780	400	2	< 1	330	12	< 10	< 10
L5+00S-5+50E	1700	140	10	12	40	430	260	2	< 1	130	5	< 10	< 10
L5+00S-5+75E	2300	140	< 2	20	10	450	300	2	< 1	250	10	< 10	< 10
L5+00S-6+00E	1800	140	8	14	20	350	260	3	< 1	80	6	< 10	20
L5+00N-0+00	1800	860	< 2	16	< 10	940	320	1	1	150	7	< 10	< 10
L5+00N-0+25W	4600	740	2	60	< 10	1500	460	< 1	< 1	90	17	< 10	10
L5+00N-0+50W	2700	1400	8	28	< 10	900	340	2	< 1	200	12	< 10	20
L5+00N-0+75W	3300	420	< 2	30	< 10	750	320	1	< 1	100	8	< 10	< 10
L5+00N-1+00W	3900	310	2	42	< 10	1100	380	< 1	< 1	70	7	< 10	10
L5+00N-1+25W	3500	160	2	32	< 10	870	400	2	< 1	160	19	< 10	< 10
L5+00N-1+50W	2700	190	4	26	10	600	240	1	< 1	100	18	< 10	10
L5+00N-1+75W	3100	390	< 2	28	< 10	830	440	1	< 1	410	50	< 10	< 10
L5+00N-2+00W	4300	380	4	50	< 10	1300	400	< 1	< 1	50	10	< 10	< 10
L5+00N-2+25W	1300	120	< 2	24	< 10	960	460	< 1	1	210	530	< 10	< 10
L5+00N-2+50W	4200	250	2	48	< 10	630	260	1	< 1	50	16	< 10	10
L5+00N-2+75W	3800	310	< 2	16	< 10	920	540	5	1	710	29	< 10	< 10
L5+00N-3+00W	3500	460	< 2	34	< 10	1400	320	1	< 1	100	15	< 10	10
L5+00N-3+25W	3000	220	< 2	20	< 10	600	320	1	< 1	200	14	< 10	< 10
L5+00N-3+50W	2700	2000	< 2	20	30	630	660	4	< 1	430	15	< 10	< 10
L5+00N-3+75W	1700	340	14	14	20	580	440	2	< 1	290	6	< 10	< 10
L5+00N-4+00W	4800	430	4	50	< 10	620	440	2	< 1	190	10	< 10	< 10
L5+00N-4+25W	3200	150	2	30	< 10	2100	400	1	< 1	70	9	< 10	< 10
L5+00N-4+50W	1700	110	< 2	14	< 10	450	280	2	1	110	12	< 10	< 10

DATE : OCT-20-1989

SIGNED :

*Bernie Owen*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

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FAX : (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10TH FLOOR, BOX 10 - 888 WEST HASTINGS ST.

VANCOUVER, B.C.

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWERGEN ALBINO LAKE 8055/R-1268

ALL RESULTS PPM

T.S.L. REPORT No. : S - 7289

T.S.L. File No. :

T.S.L. Invoice No. : 12474

SAMPLE #	Mg	Mn	Mo	Ni	Nb	P	K	Sc	Ag	Na	Sr	Th	Sn
L5+00N-4+75W	1400	270	< 2	12	< 10	1000	320	2	1	150	7	< 10	< 10
L5+00N-5+00W	2000	220	6	18	10	460	180	2	< 1	70	10	< 10	< 10
L5+00N-5+25W	3600	620	< 2	38	< 10	1000	320	2	< 1	140	6	< 10	10
L5+00N-5+50W	4200	290	< 2	42	< 10	530	360	3	< 1	260	10	< 10	< 10
L5+00N-5+75W	970	85	12	6	70	2600	200	4	< 1	90	6	< 10	< 10
L5+00N-6+00W	5400	240	4	84	< 10	770	500	1	< 1	70	16	< 10	10
L5+00N-0+25E	2000	290	< 2	28	< 10	650	280	1	< 1	110	11	< 10	< 10
L5+00N-0+50E	2400	1000	2	28	10	870	560	1	< 1	280	20	< 10	10
L5+00N-0+75E	2100	1700	< 2	18	30	700	400	2	< 1	260	20	< 10	< 10
L5+00N-1+00E	1900	760	< 2	16	10	570	480	1	< 1	270	17	< 10	< 10
L5+00N-1+25E	2000	330	10	22	20	450	240	1	< 1	90	24	< 10	< 10
L5+00N-1+50E	2700	4000	54	34	10	710	460	2	< 1	390	110	< 10	10
L5+00N-1+75E	3700	2000	4	44	< 10	820	480	1	< 1	200	39	< 10	< 10
L5+00N-2+00E	3500	330	2	40	< 10	710	360	1	< 1	180	27	< 10	< 10
L5+00N-2+25E	2500	890	< 2	18	10	810	420	1	< 1	280	52	< 10	< 10
L5+00N-2+50E	2500	600	< 2	24	< 10	750	440	1	< 1	150	24	< 10	< 10
L5+00N-2+75E	3100	1900	2	26	< 10	1100	400	1	< 1	300	58	< 10	< 10
L5+00N-3+00E	2200	300	2	20	< 10	730	320	1	< 1	180	83	< 10	10
L5+00N-3+25E	1200	240	20	24	60	460	600	2	< 1	360	78	< 10	10
L5+00N-3+50E	3900	280	18	44	< 10	420	260	2	< 1	130	38	< 10	10
L5+00N-3+75E	4600	160	16	42	< 10	350	200	4	< 1	60	5	< 10	10
L5+00N-4+00E	1900	200	8	16	40	730	300	3	< 1	40	3	< 10	10

DATE : OCT-20-1989

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V6C 2X6

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T.S.L. File No. :

T.S.L. Invoice No. : 12474

ALL RESULTS PPM

SAMPLE #	Ti	M	V	Y	Zn	Zr	Bi
L5+00S-3+50E	1400	< 10	86	4	53	21	< 5
L5+00S-3+75E	440	< 10	100	2	50	27	< 5
L5+00S-4+00E	940	< 10	120	2	57	11	5
L5+00S-4+25E	3700	< 10	96	4	52	42	< 5
L5+00S-4+50E	1600	< 10	83	3	63	45	< 5
L5+00S-4+75E	1000	< 10	87	3	59	19	< 5
L5+00S-5+00E	1500	< 10	82	3	51	29	< 5
L5+00S-5+25E	3200	< 10	110	3	48	25	< 5
L5+00S-5+50E	3600	< 10	71	3	51	180	< 5
L5+00S-5+75E	3100	< 10	93	3	49	56	< 5
L5+00S-6+00E	1400	< 10	53	3	53	95	< 5
L5+00N-0+00	4300	< 10	90	3	47	20	< 5
L5+00N-0+25W	440	< 10	50	2	82	18	< 5
L5+00N-0+50W	1000	< 10	29	28	75	13	10
L5+00N-0+75W	1200	< 10	60	3	38	13	< 5
L5+00N-1+00W	260	< 10	46	2	54	10	< 5
L5+00N-1+25W	1400	< 10	40	25	61	14	15
L5+00N-1+50W	830	< 10	41	4	53	20	< 5
L5+00N-1+75W	2100	< 10	65	5	59	24	< 5
L5+00N-2+00W	230	< 10	58	2	65	11	< 5
L5+00N-2+25W	220	< 10	10	7	310	6	< 5
L5+00N-2+50W	500	< 10	58	2	55	18	< 5
L5+00N-2+75W	7400	< 10	94	20	52	44	< 5
L5+00N-3+00W	770	< 10	66	3	60	21	< 5
L5+00N-3+25W	1200	< 10	67	3	37	16	< 5
L5+00N-3+50W	4100	< 10	76	34	59	30	< 5
L5+00N-3+75W	2500	< 10	46	45	49	42	< 5
L5+00N-4+00W	740	< 10	66	5	65	16	< 5
L5+00N-4+25W	460	< 10	90	2	51	16	< 5
L5+00N-4+50W	4400	< 10	93	3	35	23	10

DATE : OCT-20-1989

SIGNED :

*Bernie Ouan*



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PRIME EXPLORATION LTD.

10TH FLOOR, BOX 10-008 WEST HASTINGS ST.

VANCOUVER, B.C.

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: POWERGEN ALBINO LAKE 8055/R-1268

ALL RESULTS PPM

T.S.L. REPORT No. : S - 7289

T.S.L. File No. :

T.S.L. Invoice No. : 12474

SAMPLE #	Ti	W	V	Y	Zn	Zr	Bi
L5+00N-4+75W	3900	< 10	96	5	36	28	< 5
L5+00N-5+00W	2700	< 10	94	3	47	31	< 5
L5+00N-5+25W	2900	< 10	87	4	48	24	< 5
L5+00N-5+50W	4300	< 10	94	4	50	26	< 5
L5+00N-5+75W	3100	< 10	97	6	38	94	< 5
L5+00N-6+00W	250	< 10	33	5	130	12	< 5
L5+00N-0+25E	2600	10	87	3	50	23	< 5
L5+00N-0+50E	1700	< 10	39	20	92	19	10
L5+00N-0+75E	3200	< 10	68	16	75	21	< 5
L5+00N-1+00E	2500	< 10	64	5	59	22	< 5
L5+00N-1+25E	1500	10	52	10	59	25	< 5
L5+00N-1+50E	2000	< 10	55	27	170	38	< 5
L5+00N-1+75E	770	< 10	52	10	78	14	< 5
L5+00N-2+00E	1400	< 10	43	4	58	13	10
L5+00N-2+25E	2200	< 10	59	6	59	23	< 5
L5+00N-2+50E	2200	< 10	66	3	53	16	< 5
L5+00N-2+75E	2600	< 10	63	11	75	19	< 5
L5+00N-3+00E	820	< 10	18	11	56	10	< 5
L5+00N-3+25E	1900	< 10	30	16	130	84	5
L5+00N-3+50E	480	< 10	46	4	62	26	< 5
L5+00N-3+75E	310	< 10	120	2	60	25	< 5
L5+00N-4+00E	2200	< 10	100	5	55	110	15

DATE : OCT-20-1989

SIGNED :

*Bernie Owen*

200 W 150 W 100 W 50 W 0 50 E 100 E 150 E 200 E 250 E 300 E 350 E 400 E 450 E 500 E 550 E 600 E 650 E 700 E 750 E 800 E 850 E 900 E 950 E 1000 E 1050 E 1100 E 1150 E 1200 E 1250 E 1300 E

BASELINE

BASELINE

POWERGEM  
ADRIAN

L 1000 N

L 900 N

L 800 N

L 700 N

L 600 N

L 500 N

L 400 N

L 300 N

L 200 N

L 100 N

L 0

L 100 S

L 200 S

L 300 S

L 400 S

L 500 S

L 600 S

L 700 S

L 800 S

L 900 S

L 3800 N

L 3700 N

L 3600 N

L 3500 N

L 3400 N

L 3300 N

BASELINE

BASELINE

200 W 150 W 100 W 50 W 0 50 E 100 E 150 E 200 E 250 E 300 E 350 E 400 E 450 E 500 E 550 E 600 E 650 E 700 E 750 E 800 E 850 E 900 E 950 E 1000 E 1050 E 1100 E 1150 E 1200 E 1250 E 1300 E

LEGEND  
INSTRUMENT: EDA OMNI-PLUS or GEONICS EM-16  
TRANSMITTER: HAWAII  
WPA(23.4 KHZ)  
READINGS DIRECTION: WEST

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

19,606

50 0 50 100 150

SCALE 1:2500

OREQUEST

CON POWERGEM RESOURCE CORP

Figure 12

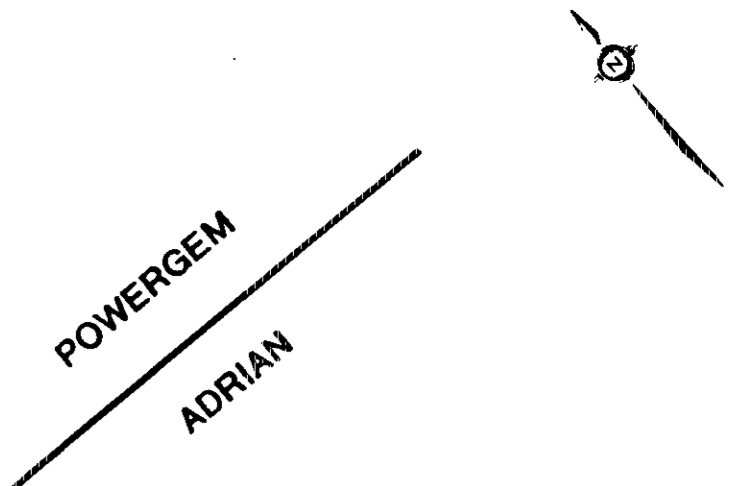
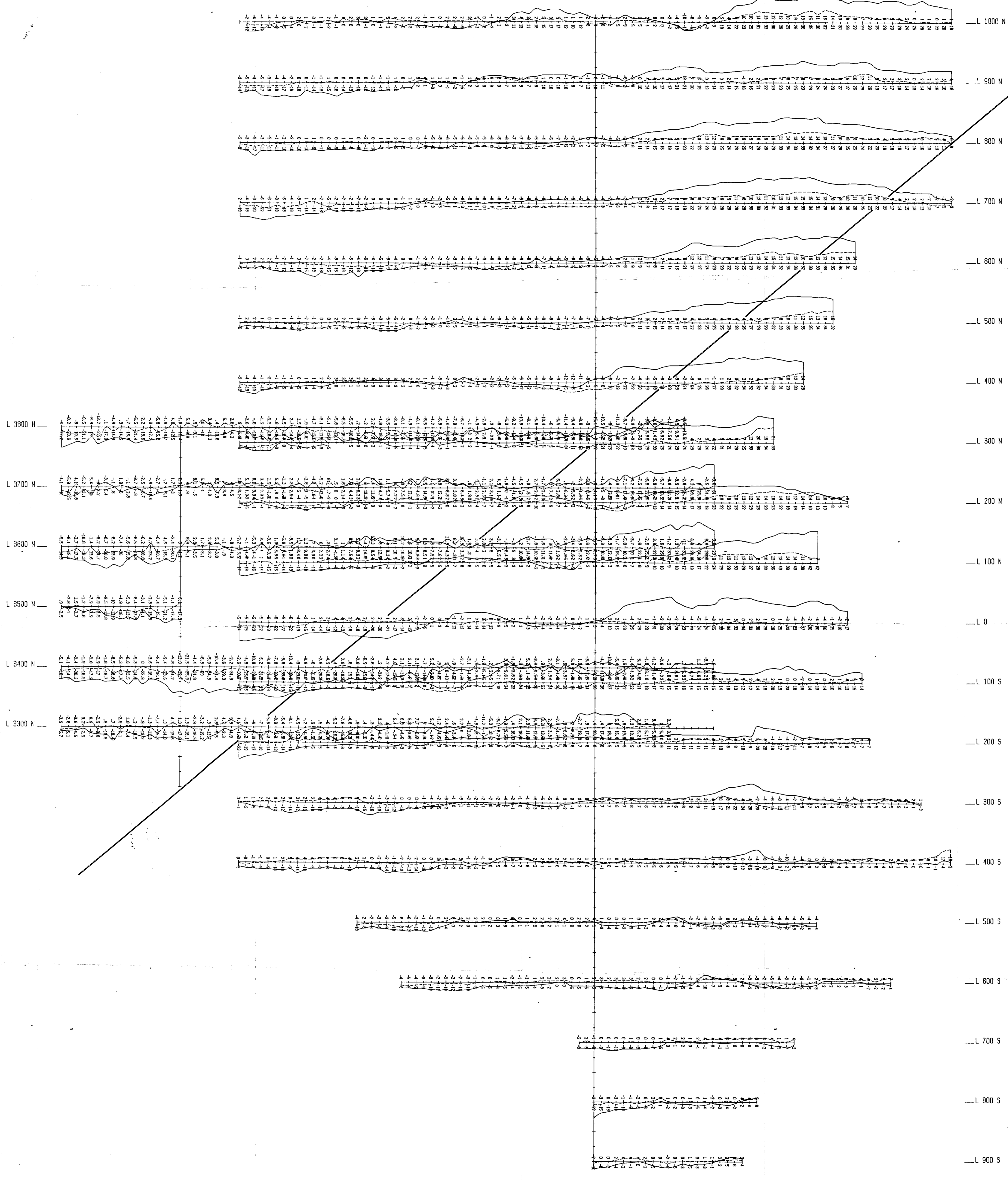
Albino Lake Project

VLF-EM SURVEY  
FRASER FILTER VALUES AND CONTOURS  
British Columbia  
NTS 104B/9W.10E

January 1990

200 W 150 W 100 W 50 W 50 E 100 E 150 E 200 E 250 E 300 E 350 E 400 E 450 E 500 E 550 E 600 E 650 E 700 E 750 E 800 E 850 E 900 E 950 E 1000 E 1050 E 1100 E 1150 E 1200 E 1250 E 1300 E

200 W 150 W 100 W 50 W 50 E 100 E 150 E 200 E 250 E 300 E 350 E 400 E 450 E 500 E 550 E 600 E 650 E 700 E 750 E 800 E 850 E 900 E 950 E 1000 E 1050 E 1100 E 1150 E 1200 E 1250 E 1300 E

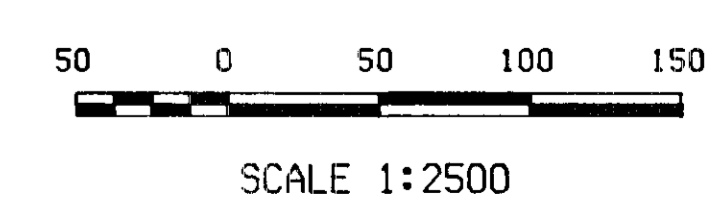


**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**19,606**

**LEGEND**

- INSTRUMENT: EDA DMI-PLUS or GEONICS EM-15
- TRANSMITTER: HAWAII NPM(23.4 KHZ)
- READING DIRECTION: WEST
- IN PHASE: IN PHASE
- QUADRATURE: QUADRATURE
- ANOMALY LOCATION: ANOMALY LOCATION
- CONDUCTOR AXIS: CONDUCTOR AXIS

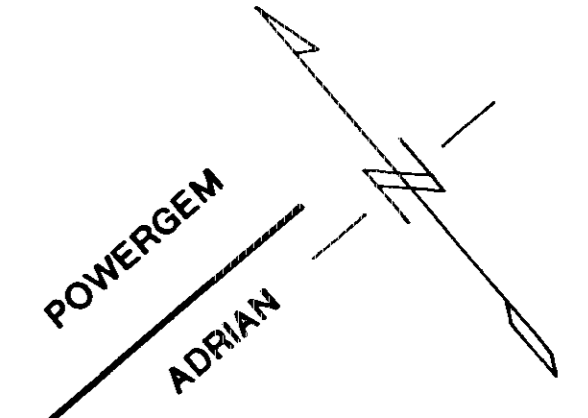


**OREQUEST**

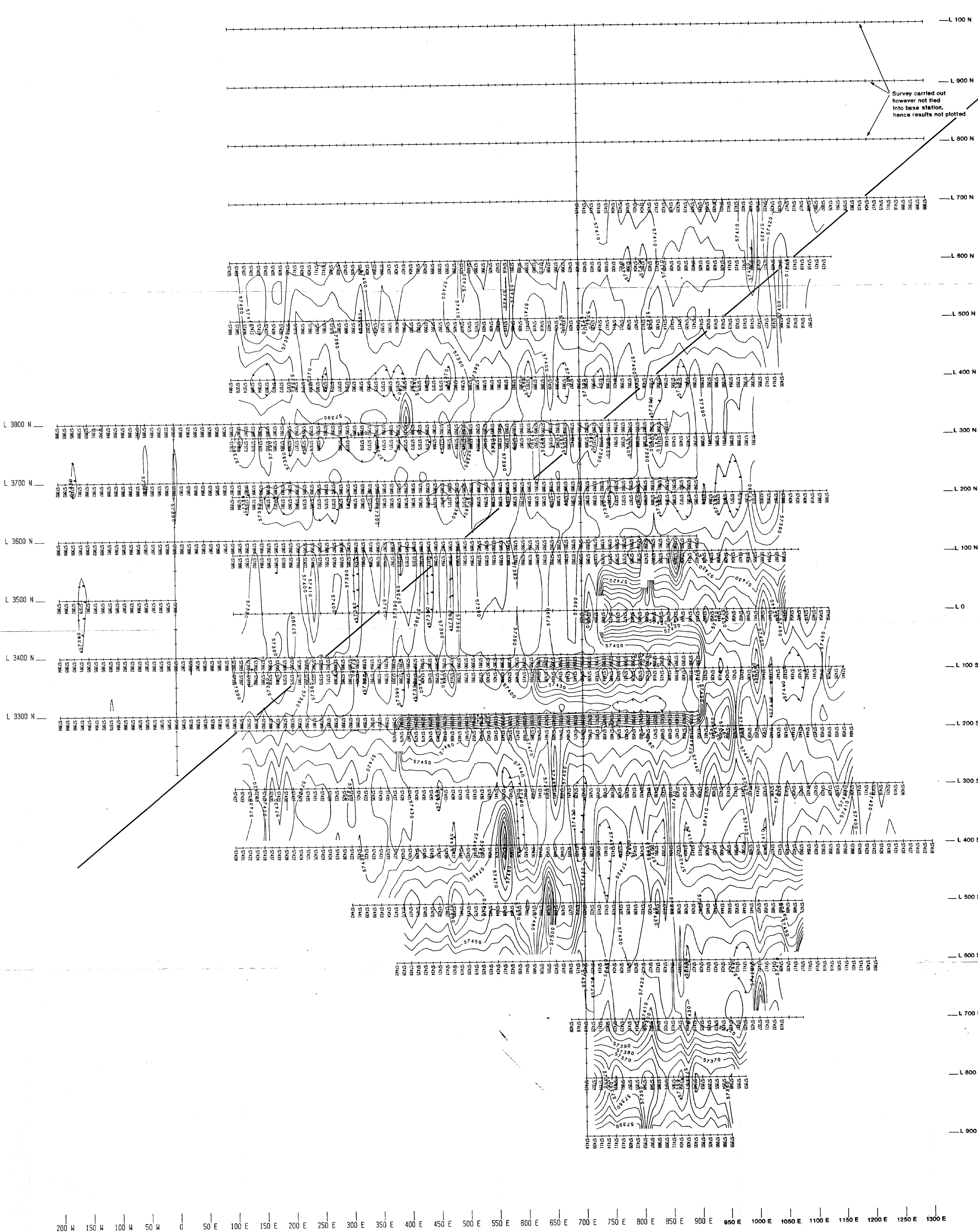
CON POWERGEM RESOURCE CORP

Figure 13  
Albino Lake Project  
VLF-EM SURVEY  
PROFILES  
British Columbia  
NTS 104B/9W.10E

January 1990



Survey carried out however not tied into base station, hence results not plotted



LEGEND

INSTRUMENTS: EDA OMNI-PLUS

EDA OMNI-IV

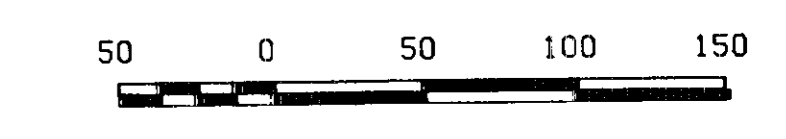
CONTOUR INTERVAL

100 m

10 m

GEOLOGICAL BRANCH ASSESSMENT REPORT

19,606



SCALE 1:2500

OREQUEST

CON POWERGEN RESOURCE CORP

Figure 14 Albino Lake Project (3) TOTAL FIELD MAGNETIC SURVEY

British Columbia NTS 104B/9W.10E

January 1990

200 W 150 W 100 W 50 W 0 50 E 100 E 150 E 200 E 250 E 300 E 350 E 400 E 450 E 500 E 550 E 600 E 650 E 700 E 750 E 800 E 850 E 900 E 950 E 1000 E 1050 E 1100 E 1150 E 1200 E 1250 E 1300 E