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TERA EX GEOLOGICAL

PRELIMINARY EXPLORATION

AND

PROGRAM PROPOSAL REPORT

FOR

McNELLAN RESOURCES

RICO PROPERTY

NEWESTMINSTER MINING DIVISION

SOUTHWESTERN BRITISH COLUMBIA

FILMED

<b>SUB-RECORDER</b>
RECEIVED
<b>MAR 3 1989</b>
M.R. # ..... \$.....
VANCOUVER, B.C.

Longitude = 49 10'N

Latitude = 121 35'W

NTS 92 H 4 E

Reported by Terrence Smithson P Geol.B.sc.

Dave Seneshen P Geol.MSc.

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,537**

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T.K.

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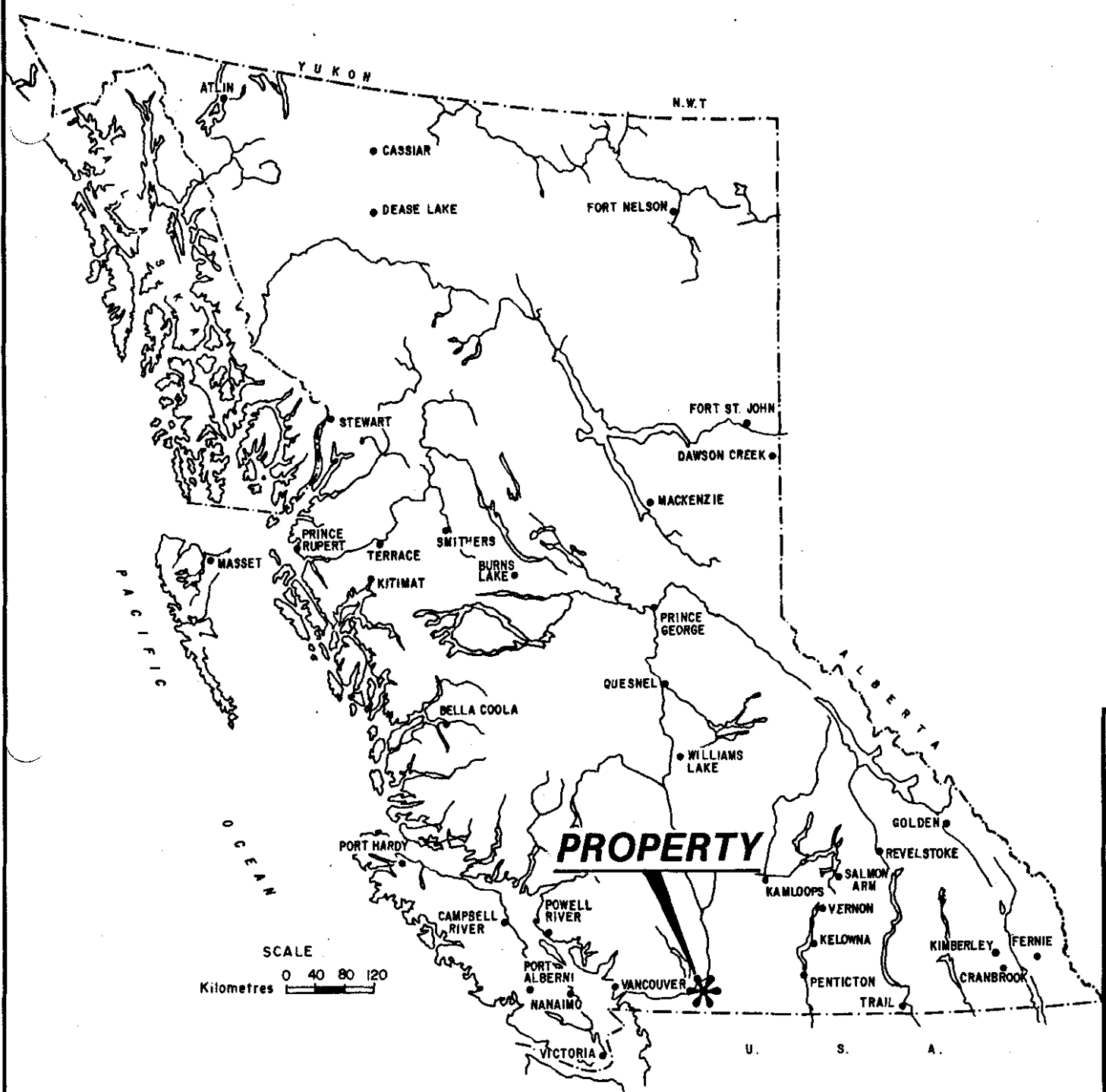
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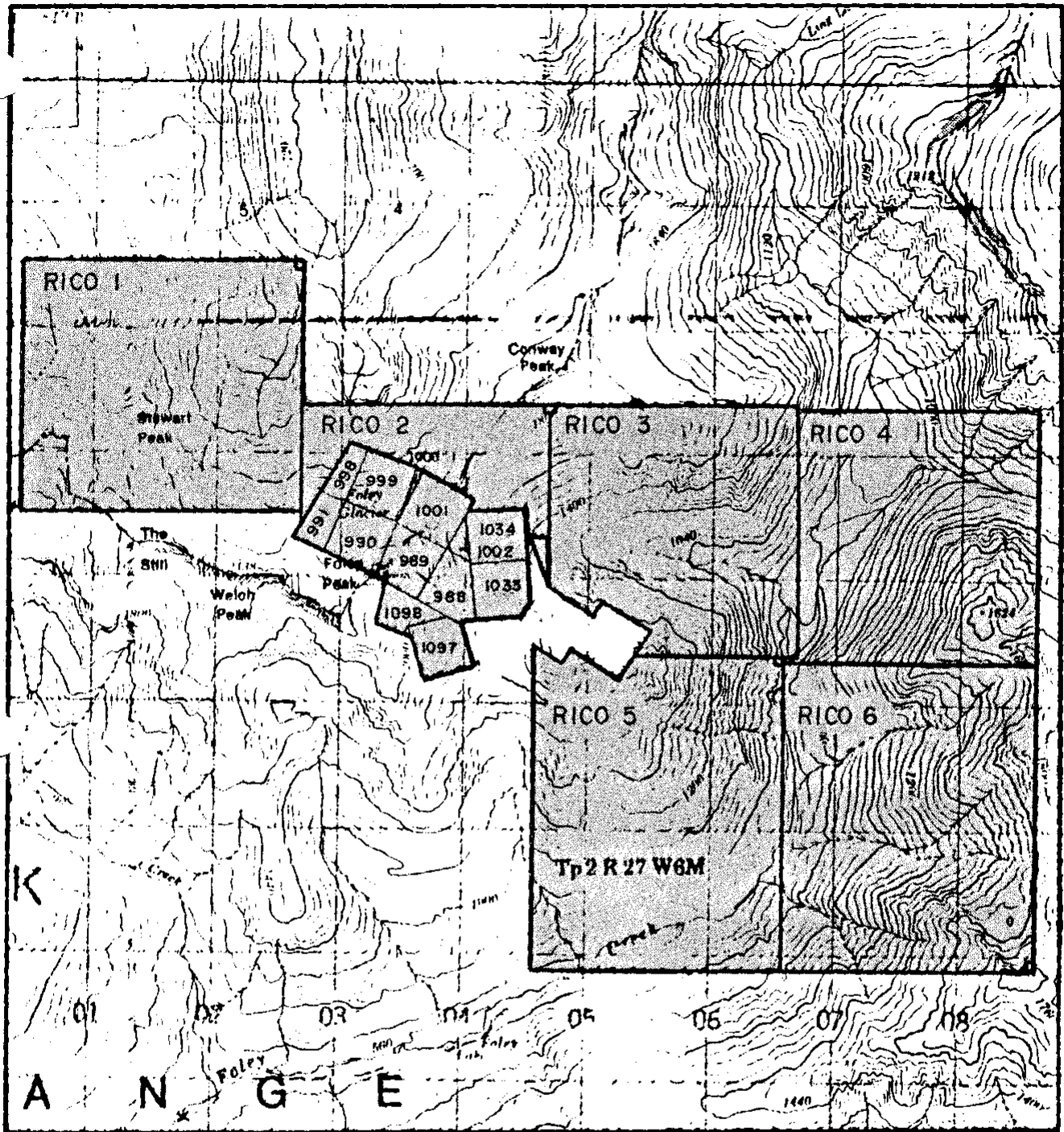
~~Map 11 AN Grid, Sheet 4~~



GEOTRONICS SURVEYS LTD.  
**McNELLEN RESOURCES, INC.**  
**RICO CLAIM GROUP**  
 MT. FOLEY AREA  
 New Westminster Mining Division, B.C.  
**LOCATION MAP**

N.T.S. 92H/4E	DATE: June, 1988	JOB No. 88-02	SCALE: 1:8,000,000	MAP No. 1
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GEOTRONICS SURVEYS LTD.			
McNELLEN RESOURCES, INC.			
<b>RICO CLAIM GROUP</b>			
MT. FOLEY AREA			
New Westminster Mining Division, B.C.			
<b>CLAIM LOCATION MAP</b>			
N.T.S. 92H/4E	DATE: June, 1988	JOB No. 88-02	SCALE: 1:50,000
MAP No.			

## TERMS OF REFERENCE

Pursuant to agreement, McNellen Resources Inc. has acquired 100% ownership in 10 crown granted mineral claims and 100 mineral staked claims units in the Chilliwack district of the New Westminster mining division located in Southwestern British Columbia.

The McNellen Resources Rico property is of economic interest because hosted within the property are two known copper-moly skarn type deposits that have in the past produced ore from two separate workings and drilling by various operators has outlined further tonages of ore grade material.

In 1971 M.K. Lorimer P Eng. summarized historic mining records regarding the property and conducted exploration in the areas around the main workings.

Due to the severe physiographic conditions past mineral exploration had been very limited except in the areas of the main workings to date.

An airborne magnetic and VLF-EM geophysical survey was flown over the property by Geotronics Surveys LTD. in May 1988.

Based on the results of the airborne survey McNellan Resources commissioned the Tera Ex Geological Remote Access [mountain-eering] crew to carry out a preliminary evaluation of: firstly, the areas of airborne survey; to define [if possible] the conductors, to sample, map, and conduct a ground geophysical survey areas of economic interest. Secondly; to sample, map and correlate all information pertinent to the areas of the major skarn zones and main workings. If warranted recommendations for continued exploration on the Rico property could be made.

## INTRODUCTION

During September and October 1988 the author supervised preliminary access, geophysical surveys and geological mapping and sampling programs over the main airborne survey targets. Assisted by the other author prepared the following report that describes results and interpretations of these programs and outlines recommendations for continued exploration.

## 2.0 PROPERTY LOCATION, ACCESS, OWNERSHIP

The McNeillan Resources Rico property is situated in the rugged Cheam range which is part of the Skagit Range in the Cascade mountains of southwestern British Columbia.

The property is 80 miles east of Vancouver and 5 miles north of Chilliwack. The property is centered 49 10'N and 121 35'W on national topographic system [N.T.S.] map area is 92 4E in the New Westminster mining division.

### 2.1 ACCESS

Access to the property is possible at the lowest elevations and extremities; from the north, by poor logging road via Wahleach [Jones] Lake and by a washed out logging road via Foley creek and Foley Lake road. The roads terminate at the property boundaries but at elevations about 2500m lower than the main skarn zones. The extremely rugged terrain in the intervening ground has contributed access to problems in the past, and further road access would be a formidable

engineering project of high cost at present. All cost efficient access to the higher elevations has been made by use of helicopter [based in Agassiz[10 minutes] and Chilliwack[16 minutes] support to the main showing.

The topography of the claim group ranges from 700m to 2500m including 8000' peaks and is described by M.K. Lorimer in 1971." The claims area is characterized by precipitous rock faces, talus slopes, glaciers and semi permanent snow fields.

Much of it is inaccessible to all but experienced mountaineers and is definitely hazardous to the average workman."

Areas within the intrusive rock types are less steep and hazardous than those of the meta sedimentary rock types which make up the highest peaks. Here the rock is much less competent and described in the Alpine Climbing Guide as "rusty, fractured, loose and detestable." The Tera Ex mountaineering crew refers to the above as "frequently a dramatic challenge." The areas of vegetation provide a tree line of heavy timber to about 5000' [1530m] with a variety of grasses and shrub-like alpine vegetation on gentler slopes to 6000' [1840m].

The climate is one of that of the coast range mountains and is complicated by the lowlands of the Frazer Valley contrasting that of the heights of the Cheam Range. The range itself is said to generate its own weather patterns with heavy precipitation at all times of the year. The extremes in temperature is only 25 C but complex wind patterns make the overall climate extremely changable. Snow level on much of the property and areas of the main showings can stay until late June with a short work season lasting a maximum of three months of clear weather.

Several major streams drain the property and all are glacial fed. Peak runoff is in early summer with water accessability limited to those glacial melt areas and the major valleys to the east, that drain to Granite and Foley creeks and in the north, to Wahleach lake. Diamond drilling would best be facilitated during the peak runoff times or elaborate pumping systems from relatively long distances could prove a limitation to exploration.

## 2.3 Property and ownership.

The property consists of six mineral claims containing 100 units, ten crown granted claims and three reverted crown granted claims as shown in map 2 and described below:

<u>Claim Name</u>	<u>No. Units</u>	<u>Record No.</u>	<u>Epiry Date</u>
Rico 1	20	3141	April 22, 1989
Rico 2	8	3142	April 22, 1990
Rico 3	16	3143	April 22, 1990
Rico 4	16	3144	April 22, 1989
Rico 5	20	3145	April 22, 1989
Rico 6	20	3146	April 22, 1989

### Reverted Crown Grants

<u>Name</u>	<u>Lot No.</u>	<u>Record No.</u>	<u>Expiry Date</u>
White	1097	3129	March 30, 1991
PI Fraction	988	3130	March 30, 1991
Phee Fraction	1002	3131	March 30, 1991

### Crown Grants

<u>Name</u>	<u>Lot No.</u>
Lucky Four #1	990
Lucky Four #2	999
Lucky Four #3	1001
Lucky Four #4	989
Lucky Four #5	1033
Lucky Four #6	1034
Epsilon Fraction	991
Delta fraction	1000
Sperry	1098

All claims are owned 100% by McNeillan Resources Inc. Toronto Ontario.



## 2.4 PROPERTY HISTORY

The following is a chronological summary of activity on the Rico property based on M.K. Lorimer's report dated 1983. Any new references of past information will be discussed separately.

1915-20 Discovery, access pack trail and two adits driven on to main and east showings. Survey Lucky Four crown grants.

1950 Rico Mines 340' drifting and crosscuts, 4000' surface and 440' underground drilling.

1953 80' advance drifting to 620' total, unknown production

1953-55 10,000' diamond drilling, localized prospecting and mapping.

1961 Attempt at electromagnetic survey on contact between main and east showing.

1966 Nine surface diamond drill holes 1330 in above contact area.

1967 Big Hope Resources erected camp and lifted 35 tons selected ore by helicopter.

- 1971 M.K.Lorimer P eng. comprehensive compilation of all previous information, fieldwork, transit survey, new maps with emphasis on main showing. Diamond drilling 335'
- 1987 Restake Rico 1-6 [100 units]
- 1988 Geotronics airborne VLF-MAG. 300km
- 1988 Tera Ex preliminary exploration program

## 2.5 REGIONAL GEOLOGY AND EXPLORATION MODEL

The Rico property is situated structurally within the Coast Plutonic Complex of the Cascade Mountains fold belt. The area is bound on the east and west by the fault systems being the Pasayten and the major Frazer River fault, both mid Cretaceous to early Tertiary in age.

The area is underlain in the north east by the four intrusive phases of the [Tertiary] Chilliwack batholith. The oldest, the Conway phase, which lies along the margins of the pluton is composed mainly of medium-grain massive tonalites that is locally porphyritic with phenocrysts of plagioclase which grade away from the contact to granodiorite and quartz monzonites. The colour is white "salt and pepper" appearance weathering to a medium grey.

Common sills and dykes of dacites and aplites crosscut the sediments and are probably derived from the batholith.

The Chilliwack group is that of eugeosynclinal marine origin interbedded with some volcanic and tuff breccias composed of basalts and fine grained andesites.

The Chilliwack group sedimentary series consists of calcareous limestones and more silicious cherts, greywakes, argillites and slates.

Ultramafic rocks associated with the basement complex range from serpentized dunites consisting of magnesian olivines outward through peridotites to hornblend shists. They occur as thrust slices within the Chilliwack Group are fault bounded and deformed to chlorite grade synkinematic metamorphism.

The Chilliwack Group has undergone, two possibly three phases of deformation. The first two phases [pre Devonian and Triassic Shuksan] produced North easterly trending overturned and recumbant folds and thrusts. These were sliced by reverse faulting in the third phase of deformation that also produced ptygmatic folding of calcite and quartz veins and minor crinkling of slaty cleavage during the mid cretaceous or any as observed in the field.

Regional metamorphism to the greenschist facies occurred in the mid cretaceous and upgraded to hornblende hornfels facies by contact metamorphism by the intrusion of the tonalites of the Chilliwack Batholith. It was during the contact metamorphosis that the segregation of Calc-silicate and amphibolite layers developed.

Contact-metasomatic type secondary mineralization related to the proximity of the batholith results in a deep red to black stain in the sediments upon oxidization. This mineralization has produced disseminate chalcopryrite, pyrite and iron oxides in fractures and found most commonly along slatly cleavage as an alteration product of pyrite. Pelitic rocks of the Chilliwack Group have been converted to andalusite hornfels, basic rocks to biotite amphibolites grading away to the from the contact to argillites and greywackes. At or near the contact calcareous "limy" rocks were converted by reactions with  $Co_2$  to garnet-wollastinite-diopside skarns and where conditions were favourable highly mineralized producing skarn-type high copper massive sulphides as the exploration model.

GEOPHYSICAL SURVEYS  
AND  
GEOLOGICAL PROGRAM

### 3.1 SURVEY METHOD

The objectives of the ground survey was to perform a multi-station VLF-EM magnetometer survey, to delineate the airborne conductive structures, to verify and detail results in areas where airborne conductive structures occur across the poorly accessible and unexplored regions of the property.

Current geophysical models concerning contact and skarn like mineral occurrences predict strongly conductive, electromagnetic anomalies coincident with either an elevated or depleted magnetic response depending on the concentration of magnetic sulphides or the degree of oxidization and leaching. Massive sulphides should appear as exceptionally conductive areas within broader, weakly conductive zones.

The surveys, preliminary in size were carried out with instruments that were extremely portable. Grids were established where possible and definitions of the conductors with the aid of geological mapping and sampling were used to correlate with detailed data of the two known skarn like deposits. The anomalous areas and grids are referred to by the same terminology and symbols established from the Geotronics airborne survey report dated May 30, 1988.

Line spacing and grid orientations were dependent on regional structure and accessibility but, generally the surveys were 25m stations by 50m line spacings or in greater detail if warranted.

### 3.2 VLF-EM SURVEY

The survey was conducted using a highly portable Geonics EM-16 receiver. This instrument measures secondary electromagnetic fields generated by buried conductive bodies when subjected to a primary low frequency radio signal. The primary signal is provided by low frequency military transmitters located in Annapolis Maryland, Seattle Washington and Hawaii. These stations were used due to their ideal orientation with respect to the easterly and northwesterly geological structures and because the airborne survey used two of these stations.

Resultant dip angles are plotted in profile with conductor axis shown as bold dashed lines. Frazer filtered values [conductivity %] are plotted and profiles prepared.

### 3.3 MAGNETOMETER SURVEY

These surveys were carried out by two types of instrument. Reconnaissance surveys used a Scintrex MF-2. More detailed used a Scintrex MF-2 proton precision magnetometer. These instruments measure total field response of the earths magnetic field intensity. The data is corrected for diurnal changes by



a "loop" method or the reapeating of several readings on the grid during specific time periods. Data is shown as corrected values plotted from a base reading of 56,500 gammas and contoured.

#### 4.0 DISCUSSION OF RESULTS

The results will be referred to by zones indicated by the maps at 1:2500 scale with grid geophysical and geological mapping and sample data in map form. Further detail of traverse magnetometer and a third VLF station and fully contoured results and profiles available on request.

##### ZONE

Indicated Airborn:a magnometer 900-1200 gamma high 2000m  
with a medium to weak VLF conductor 390m long

Geology: Entirely intrusive tonalite .75km from contact,  
established through traverse & test magnetometer  
no mineralization observed

Geophysical Data: Magnetometer traverse flat [background]  
for tonalite

Sample Results: none

Conclusion:A misleading uncorrected topographic effect from  
airborn survey.

##### ZONE C

Airborn:Strongest magnometer response on property [2000

gammas]. A north-northeast weak VLF conductor

Geology: Consisting of banded argillites with siliceous layers containing disseminated pyrites up to 10% wide banded series striking 140 with near vertical dip the unit is exposed on all three mag highs in a banded series/terrace very steep & heavily timbered and undergrown.

Geological sampling: 1m continuous widths taken on grossenous CBC cliff face across entire series. C samples on grid where possible.

Geophysical data: Magnetometer elevated response 1100-1900 gammas corresponding to py magnetite content in banded series. VLF Hawaii and Seattle high fraser filtered values B.L. 75-100m [+29] L2 75-100m [+25]/probably due to steepness [40] and topographic effect. no strong cross over weakly conductive in disseminated Py zones.

Conclusion: An interesting rock unit grossenous and approximate to the contact -possible metasomatic origin however only PY seems present and assay values are very low

#### **D Zone**

Indicated Airborn: "Finger print-type" highs up to 1200 gammas on ridge. VLF 500m medium to weak conductor

through magnetic low.

Geology: Gradational contact area between intrusive and hornfels to argillite sediments. An apparent shear zone structure to the south and two small pseudo skarn zones in folded, crenulated calcareous sediments is located in the VLF conductor.

Geophysical Data: Magnetometer results in a depleted response in the sediments. An elevated response to 2280 gamma at the contact within the intrusive. The contact is well defined magnetically. The "best fit" VLF response was Hawaii with minor crossover corresponding to the contact. Fraser filtered values on the B.L. 50-75m and large anomaly [+17] on L2, L3 200-300m. Seattle response generated possibly a false or misleading [+37] value due to topography and filter technique

Sample Results: Results from the D zone again are very low at the contact with minor mineralization being disseminated Py. The pseudo skarns zones south of the contact, the 1m channel samples returned discouraging results.

Conclusion: The environment and rock types are similar to the known skarn zones, however assay and mineralization is very limited as sampled in the field. The MAG and VLF are strong mapping tools

and define the contact zone very effectively.

## DA-DF ZONE

Indicated Airborn:Background no significant MAG or VLF response on major fault and shear structure observed in the field.

Geology: Major grossonous zone on west and east flanks of north/south trending no visable mineralization in argillites at gradational contact trending northeast/southwest. Df is highly grossonous zone metasomatic alteration in calcareous sediments cross cut by intrusive dykes 150m from contact DA.

Geophysical Data: DA zone demonstrates a magnetically elevated values at the contact grading into the intrusive [granodiorite] rocks the magnetometer proves an effective tool for contact reference. VLF is an extremely flat response across the contact on all three stations but a large cross over across the fault

Conclusion: The Airborn survey failed to pick up the contact or the massive fault structure and mineralization in these zones. No topographic effect could be attributed to this indication of misleading airborne data. The DA-DF was used as a reference to compare airborne and ground crew results. Mineralization within the DF zones calcareous rock is very grossonous

with disseminated PY but assay values are very low

#### DW ZONE

Indicated Airborn: very slight magnetic anomaly.

Geology: Ultramafic serpentine and serpentized dunite and peridotites as a thrust fault slice of the basement complex. A 500m cross sectioned width and unknown length. An alpine type ultramafic occurrence with similarities to platinum group deposits elsewhere in B.C.

Geophysical data: No ground survey taken.

Sample Results: Encouraging Pt and Pd values well above background were returned on several 1m width chip samples across a verticle rock face in cross section of the zone. The shear zone samples were heavily mineralized

Conclusion: In the authors opinion and experience on various ultramafic platinum deposits in Canada the zone deserves at least a limited second sampling program and detailed mapping to define the serpentine rich zone of interest as related to the basal thrust shear within the zone.

#### E ZONE

Indicated Airborn: A weak magnetic responce but its location

in the flat area of the Foley creek valley should indicate a depleted MAG response which indicates a non Chilliwack group sediment cause. VLF no topographical correlation with weak cross cutting conductor requiring considerable attention in field.

**Geology:** Surface mainly of disturbed creek sediments and reworked glacial till material in flood plane with thickness of 5m. On the valley sides limited outcrops with contact in the northern region [just south of intersection of granite creek] occurring set on steep hornfel cliffs grading southerly to argillite away from the contact.

The hornfels is heavily grossenous and contains up to 15% disseminated PY, trace CPY. The rock unit dips near verticle and strikes 140 parrallel to the contact.

**Geophysical data:** A relatively flat magnetic response mainly due to the thick cover of overburden and wetland conditions was observed. The VLF survey recorded on Seattle a weak cross over [+9] at the contact but was effected by the same conditions as above with relatively "flat" results.

**Sample program:** A limited amount of outcrop within the zone was sampled with very low assays results, from

the hornfels unit that contained disseminated PY.  
Steam sediment samples also were very low.

Conclusion: Field study could not delineate a cause for the zone. Ground geophysical surveys delineated the contact fairly well but no other structure was defined. Mineralization was very limited to the hornfelsic rocks but assays were low. The area is overburden covered and exploration methods applied proved only marginally useful.

#### A N ZONE

Indicated airborne: This is the northern part of a (wide [1300m] and long [2300m]) anomalous zone of which the main working ASK is located. Finger print highs on the east, with magnetic values elevated to 1300 gammas. A large, medium to strong VLF conductor crosscuts the magnetic high.

Geology: A prominent topographic ridge of entirely intrusive tonalite.

Geophysical Survey: The limited magnetometer and VLF survey perpendicular to the shear produced an extremely flat response with no fluctuations or crossover values recorded even across the 1m shear zone itself.

Sample Results: All results were (background) low. No mineralization, only minor alteration and trace graphite was observed in the shear. Samples were all of



intrusive tonalite and results including stream sediment samples were all background expected of tonalite.

Conclusion; A perfect correlation can be made with the airborne results and topography. No topographic corrections were applied to the survey when flown, so that anomaly is misleading. A very prominent, but unmineralized shear is the cause of the strong VLF conductor along with topographic contrast.

#### AREAS OF INTEREST

These areas will be treated in more detail as they were areas of main workings, past production or a main exploration target that more post reconnaissance, geological detail and field time were allotted.

#### AW [STUART] ZONE

Indicated airborne: The area is characterized by a low 200-500 gamma magnetic response with medium to strong VLF conductor, cross cutting the grid and terminating

on Stuart Peak.

Geology: A high elevation snow field at the southern base of Stuart Peak with outcrop around the snowfield. One large outcrop of tonalite exists in the middle of the grid that is probably a sill or tongue of the main intrusive. In the south half of the grid is an altered series of deep orange weathered basic volcanic flows and argillitic sediments to greywakes on the flank of Stuart Peak. A unit of hornfelsic rocks are pseudo skarn and fractured along remnant bedding at 265/64n. Heavy manganese and iron oxide stain occurs including disseminated Py, Cpy in layers parallel to the fracture pattern. Visible sulphides included calcopyrite and trace galena and sphalerite.

Geological sampling: All sample results which included a cross section of rock types across the grid returned very low values except at Line 1-275m where the grid reached the steep flank of Stuart peak and terminated in a talus slope. That sample of a calc-silicate banded of rock within the argillites returned a value of .014 oz/ton Au, .07oz/ton Ag.

Geophysical program: At the area mentioned above a high

magnetic response was recorded corresponding with weak VLF crossovers and high [+18] on L1 and repeating across the grid probably in relation to mineralized banding and oxidized fracture pattern.

Conclusions: The ground geophysical program verifies the airborne survey as far as the VLF however the magnetometer survey did not correlate. There is a correlation with the high VLF and crossover values with mineralization in the area of the gold anomaly, which is quite low but is significant on the property. Further sampling at 1m spacing in this area is recommended to determine the extent of this mineralized zone and to detail its extent. The area is steep but access is not a problem from the snowfield below.

#### **Ask Skarn zone**

This area of the main workings and adit are a classic example of a skarn deposit in outcrop that rises 75m and is surrounded on all sides by glacier. The deposit itself is 60m from the true contact with the Intrusive. The eastern cliff face of the skarn is heavily stained with hematite, limonite, manganese and malachite and is very distinct in size and extent. The main adit is approximately 200m in length.

#### **Geological Observations**

Geology: [1] The skarn consists of mm to cm thick, light grey, calc-silicate [albite-zoisite-quartz-wollastonite] which alternate with mm to cm thick, dark green to black amphibole-quartz layers within interlayered altered argillites unit with fine tuffaceous or hornfelsic component. Exotic minerals that occur in the skarn include:

[A] garnet as disseminated porphyroblasts or as interlocking porphyroblasts in massive garnetite layers,

[B] tourmaline as large [1-8cm] porphyroblasts in layered skarn or garnetite layers, and

[C] large, interlocking quartz and hedenbergite? crystals [5-10cm] in local pegmatitic zones.

[2] disseminated pyrite, pyrrhotite? and chalcopyrite occur throughout the skarn, but in the extreme southern part of the ASK grid, a 1m long, apparently conformable, massive chalcopyrite lense was observed. Pegmatitic, quartz and hedenbergite was also observed in close association with the chalcopyrite lense.

[3] The skarn has a distinct magnetic signature reflecting the presence of pyrrhotite and/or magnetite.

[4] Previous drilling [Lorimer, 1966] and recent sampling [Tera Ex Geological 1988] has confirmed the presence of significant half of the ASK grid.

[5] The source of heat and fluids for skarnification and possibly mineralization appears to be a proximal, discordant, somewhat layered, granodiorite sill to the east of

the ASK showing, not the true contact with the intrusive.

The host rocks have not undergone significant regional metamorphism and do not generally exhibit strong metamorphic foliation. Hornfelsing and recrystallization of limestone layers are common in an upgraded hornblend-hornfels facies by contact metamorphism.

Structural deformation is unexpectedly minimal and simple. The Chilliwack group sediments have been upturned to near vertical with only minor gentle folding observed. Structural deformation is manifest as the following: pre skarn normal and reverse faulting which acts as a fluid conduit and facilitates metasomatic alteration, microfracturing and jointing.

The primary calc-silicate minerals are garnet, epidote, and diopside. Sulphides include pyrite, chalcopyrite, specular and earthy hematite and lesser magnetite, pyrrhotite and arsenopyrite. Small isolated amphibole-diopside pods (up to 1m) occur and contain massive pyrrhotite-chalcopyrite-magnetite.

The main adit was driven parallel to, but not on some of the main sulphide rich zones crossing a wide garnetite zone not observed on surface.

Geophysical Data: A proton magnetometer signature was established to compare to unexplored areas - reflecting extremely high values corresponding to magnetite sulphide and rich calc-silicate layers. The VLF was ineffective due to

severe slopes of the deposit.

Sample Results: Detailed sampling of .5m chips across strike of deposit gold anomaly occurred in the southwest part of the grid up to 0.12 oz/Au/ton

Conclusion: Based on the sample and mapping program the following conclusion can be drawn:

[1]The ASK zone is a classic copper skarn with Au values.

[2]Significant base and precious metal concentrations are confined to the southern 25% of the grid and exposed deposit.

[3]Significant Cu and Ag values are more widely distributed than Au mineralization.

[4]Au mineralization is localized in what appears to be a base calc-silicate within the argillites that are heavily fractured.

[5]Au and Bi (native) show a strong correlation statistically (the sample population and rate is not enough for a truly significant confidence level.) A minor correlation between Au and W and Au and As.

[6]Although Zn and Mo are present their concentrations are of lower significance compared to Au and Cu.

## AESK Zone

This zone is similar to the major ASK zone but is much smaller in extent. The adit was caved at surface and a limited cross sectioned sample program failed to result in significant mineralization or assay values. The zone is xxxxxx in strike rock types and sequence away from the intrusive contact. However along the true contact is where the adit was driven.

If not economically significant the zone demonstrates the possible continuation of skarn type development at or near the Chilliwack sediment and intrusive contact separated by 0.5km.

## REFERENCES

The following maps, publications and reports were used in the compilation of this report.

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B.C. department of mines Assessment report

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Marcello, P. Contact Metamorphism Of The  
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Monger, J.W.H. 1966. The Stratigraphy and  
Structure of the Chilliwack Group sw B.C.  
Phd. Thesis.



## STATEMENT OF COSTS

For MCNELLAN RESOURCES, RICO PROGRAM FALL, 1988.

### PROFESSIONAL SERVICES ---Remote Access Mountaineering

Geologists	3 x 30 days @ \$200.00	= \$18,000.00
Technical	1 x 15 days @ \$200.00	= \$3,000.00
Report writing & drafting inclusive		= \$4,500.00

### EQUIPMENT RENTAL

4x4		= \$1,200.00
Communication radio		= \$300.00
Base camp set-up		= \$750.00

### ADDITIONAL COSTS

Assay costs (chemical)		
247 samples @ \$12.00		= \$2,964.00
Helicopter support		
41 hrs @ \$375.00		= \$15,375.00
Geophysical equipment		
30 days @ \$50.00		= \$1,500.00
		-----
Total amount		\$47,569.00

CERTIFICATE

I, Terrence D. Smithson of the city of Nelson in the Province of British Columbia, certify that:

1. I am a consulting geologist employed by the company of Tera Ex Geological with its head office at 715 Vernon St. Nelson B.C.

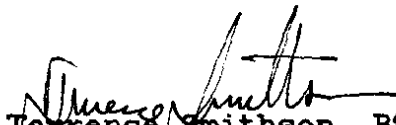
2. I am a graduate of Carleton University in Ontario in Geological Sciences with a degree of BSc.

3. I have been employed in the field of the petroleum and mineral exploration industry continuously since 1984 and have made application to the fellowship at the Geological Association of Canada. I am an active member of the American and Canadian Association of Petroleum Geologists A.A.P.G., C.S.P.G.

4. This report is based on discussions with representatives of McNellan resources, L.K. Lorimar P.Eng. an examination of published technical data and on results of geological mapping, sampling and geophysical surveys with the Tera Ex Geological (Remote Mountaineering team) program in September and October at 1988.

5. I have no interest either direct or indirect in the properties or securities at McNellan Resources.

Dated this 20, of November at Nelson, British Columbia.

  
Terrence Smithson, BSc.  
Consulting Geologist

CERTIFICATE

I David Seneshan of the City of Winnipeg, Province of Manitoba, certify that:

1. I am a consulting Geologist employed by the company of Tera Ex Geological located at 715 Vernon St. Nelson, B.C.
2. I am a graduate of the University of Manitoba in Geology with a degree of BSc. 1985 and MSc 1988.
3. I Have been employed in the field of mineral exploration continuously since 1985 with specialization in skarn and volcanic deposits with the Geological Survey of Manitoba and Esso Minerals.
4. This report is based on discussions with representatives of McNellan Resources, L.K.Lorimar P.Eng. an examination of published technical data and on results at Geological mapping sampling and geophysical surveys with the Tera Ex Geological (Remote Mountaineering Team) program in September and October at 1988.
5. I have no interest either directly nor indirectly in the properties or securities of McNellan Resources.

Dated this 20th day of November at Nelson, British Columbia.

David Seneshan, MSc.

Consulting Geologist



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 450 MATHESON BLVD. E. UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0310

To: MUSCOCHO EXPLORATION LIMITED  
 36 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5  
 Project: FOWLEY B.C.  
 Comments: GC: TERA EXPL. GEOLOGICAL

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 Date: 17-OCT-88  
 Invoice #: I-8825034  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825034

SAMPLE DESCRIPTION	PREP CODE	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
ASK 2-A	299 238	1.13	0.2	< 5	220	< 0.5	< 2	0.41	< 0.5	10	42	181	2.78	< 10	< 1	0.58	10	0.86	341	< 1
ASK 2-C	299 238	0.98	0.2	< 5	180	< 0.5	< 2	0.37	< 0.5	8	39	46	2.32	< 10	< 1	0.53	10	0.68	243	< 1
ASK 3-A	299 238	1.22	0.2	20	120	< 0.5	< 2	1.33	< 0.5	10	34	381	1.71	< 10	< 1	0.34	10	0.99	332	1
ASK 3-B	299 238	2.98	0.2	10	180	< 0.5	< 2	1.58	< 0.5	12	33	292	2.62	< 10	< 1	0.74	10	0.92	260	< 1
ASK 3-C	299 238	1.94	0.2	10	60	< 0.5	< 2	5.29	< 0.5	9	21	524	3.22	< 10	1	0.31	< 10	0.37	1395	< 1
ASK 3-D	299 238	1.02	1.0	< 5	110	< 0.5	< 2	7.14	< 0.5	12	6	557	8.34	< 10	< 1	0.16	< 10	0.30	1145	4
ASK 3-E	299 238	0.87	0.2	10	200	< 0.5	< 2	0.32	< 0.5	10	33	128	2.18	< 10	2	0.51	10	0.71	298	< 1
ASK 3.5-A	299 238	2.65	1.6	40	120	< 0.5	< 2	1.86	< 0.5	11	45	266	5.44	< 10	< 1	0.90	10	1.27	229	88
ASK 3.5-B	299 238	1.37	0.2	10	350	< 0.5	< 2	0.50	< 0.5	11	23	212	3.22	< 10	< 1	0.73	10	0.79	282	< 1
ASK 4-A	299 238	1.23	5.4	15	20	< 0.5	< 2	7.99	1.5	13	108	5510	8.27	< 10	< 1	0.06	< 10	0.15	1360	4
ASK 4-B	299 238	1.24	1.6	< 5	50	< 0.5	< 2	4.45	0.5	13	51	1190	5.76	< 10	< 1	0.23	< 10	0.34	677	4
ASK 4-C	299 238	3.94	0.4	20	80	1.0	4	3.09	< 0.5	17	47	280	2.76	< 10	< 1	0.25	< 10	0.90	264	152
ASK 4-A2	299 238	1.24	4.0	15	10	2.0	< 2	>15.00	1.0	9	4	2420	12.70	< 10	< 1	0.02	< 10	0.07	1905	< 1
ASK 5-A	299 238	1.08	13.8	25	< 10	5.0	< 2	12.50	0.5	19	18	6600	14.70	< 10	< 1	< 0.01	< 10	0.05	1710	8
ASK 5-B	299 238	3.25	0.2	20	60	1.0	< 2	2.92	< 0.5	10	18	288	2.32	< 10	< 1	0.07	< 10	0.18	220	4
ASK 6-A	299 238	1.32	8.2	25	< 10	3.0	< 2	13.90	0.5	7	11	6590	14.75	< 10	< 1	< 0.01	< 10	0.05	1695	< 1
ASK 6-B	299 238	3.03	0.8	< 5	80	1.0	< 2	7.47	< 0.5	13	23	523	4.33	< 10	< 1	0.25	< 10	0.48	2550	28
ASK 7-A	299 238	1.59	1.0	25	10	3.0	< 2	14.70	1.0	33	10	8200	11.65	< 10	< 1	0.01	< 10	0.08	1880	< 1
ASK 7-B	299 238	2.10	2.2	20	< 10	1.5	< 2	9.56	< 0.5	11	20	942	6.67	< 10	< 1	0.01	< 10	0.06	2360	6
ASK ADIT/4N	299 238	0.96	1.2	135	10	1.5	< 2	7.76	< 0.5	37	6	753	7.53	< 10	< 1	0.05	< 10	0.23	1550	10
ASK 8.5-0E	299 238	1.46	1.0	35	< 10	2.0	< 2	14.95	0.5	7	16	165	11.45	< 10	< 1	0.01	< 10	0.09	1840	22
ASK 8.5-1E	299 238	1.08	9.2	55	10	3.0	< 2	10.85	0.5	19	18	3660	13.65	< 10	< 1	0.03	< 10	0.14	1310	16
ASK L10-0E	299 238	0.73	12.2	75	30	2.0	10	8.42	0.5	24	18	6560	12.05	< 10	< 1	0.05	< 10	0.07	898	8
ASK L10-1E	299 238	0.80	10.0	20	60	2.0	8	1.44	1.0	43	13	>10000	8.41	< 10	< 1	0.33	< 10	0.34	690	39
ASK L10-2E	299 238	1.05	3.4	50	50	2.0	8	7.74	0.5	31	13	2870	6.83	< 10	< 1	0.23	< 10	0.17	1395	10
ASK L10-3E	299 238	0.46	4.4	60	30	2.0	< 2	2.69	1.0	35	23	4090	9.15	< 10	< 1	0.18	< 10	0.09	1990	23
ASK L12-0E	299 238	3.84	2.4	< 5	10	0.5	< 2	12.05	0.5	14	19	3590	5.72	< 10	< 1	0.02	< 10	0.12	3400	2
ASK L12-1E	299 238	2.95	1.4	10	< 10	1.5	< 2	13.70	0.5	20	43	8360	8.09	< 10	< 1	0.02	< 10	0.13	2780	25
ASK L12-2E	299 238	1.09	27.6	< 5	< 10	3.0	20	>15.00	0.5	5	15	2390	>15.00	< 10	< 1	< 0.01	< 10	0.03	1685	< 1
ASK L12-3E	299 238	0.85	4.4	5	10	< 0.5	30	14.35	2.5	41	11	7790	14.30	< 10	< 1	0.02	< 10	0.05	1695	< 1
ASK L12-4E	299 238	0.55	2.2	5	30	0.5	< 2	5.18	1.5	31	12	4330	5.69	< 10	2	0.26	< 10	0.14	1295	9
ASK L13-0E	299 238	3.80	52.0	45	30	0.5	332	3.67	1.0	11	15	1580	3.91	< 10	2	0.05	< 10	0.15	393	109
ASK L13-1E	299 238	0.33	18.8	215	40	< 0.5	48	0.78	0.5	2	23	883	8.09	< 10	< 1	0.04	< 10	0.01	256	11
ASK L13-2E	299 238	1.95	1.0	15	200	< 0.5	< 2	0.68	< 0.5	9	28	2360	3.71	< 10	< 1	0.77	< 10	1.11	440	97
ASK L13-3E	299 238	2.76	12.6	< 5	10	< 0.5	< 2	12.20	2.0	55	38	>10000	9.69	< 10	< 1	0.03	< 10	0.19	3130	175
ASK L13-4E	299 238	0.21	17.0	90	10	0.5	< 2	0.30	0.5	35	30	9240	7.24	< 10	< 1	0.07	< 10	0.05	414	25
ASK L13-5E	299 238	1.15	35.8	145	10	< 0.5	< 2	8.35	2.0	28	20	>10000	>15.00	< 10	< 1	0.01	< 10	0.06	1405	123
ASK L13-7W	299 238	3.79	2.0	25	30	1.0	< 2	2.99	0.5	27	29	8590	2.61	< 10	< 1	0.08	< 10	0.46	658	364

CERTIFICATION :

*B. Campbell*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 450 MATHESON BLVD., E., UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0310

to MUSCOCHO EXPLORATION LIMITED  
 36 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5  
 Project : FOWLEY B.C.  
 Comments: CC: TERA EXPL. GEOLOGICAL

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 Invoice #: I-8825034  
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## CERTIFICATE OF ANALYSIS A8825034

SAMPLE DESCRIPTION	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ASK 2-A	299 238	0.10	24	640	6	5	3	21	0.22	< 10	< 10	92	< 5	48
ASK 2-C	299 238	0.14	14	540	4	< 5	2	28	0.18	< 10	< 10	78	< 5	35
ASK 3-A	299 238	0.11	16	1010	2	5	3	21	0.10	< 10	< 10	55	< 5	45
ASK 3-B	299 238	0.27	13	1020	12	< 5	4	149	0.19	< 10	< 10	98	< 5	54
ASK 3-C	299 238	0.05	16	320	< 2	5	4	15	0.09	< 10	< 10	58	< 5	62
ASK 3-D	299 238	0.17	8	1140	6	5	2	9	0.07	< 10	< 10	64	< 5	63
ASK 3-E	299 238	0.05	14	490	< 2	< 5	2	12	0.19	< 10	< 10	68	< 5	43
ASK 3.5-A	299 238	0.08	22	3400	< 2	10	8	131	0.29	< 10	< 10	138	< 5	60
ASK 3.5-B	299 238	0.07	7	1340	4	< 5	6	7	0.18	< 10	< 10	79	< 5	56
ASK 4-A	299 238	0.01	67	140	28	5	4	9	0.02	< 10	< 10	59	< 5	214
ASK 4-B	299 238	0.04	28	1800	4	5	2	42	0.06	< 10	< 10	60	< 5	57
ASK 4-C	299 238	0.15	57	1940	< 2	< 5	5	188	0.13	< 10	< 10	75	< 5	40
ASK 4-A2	299 238	0.01	24	100	2	5	1	4	< 0.01	< 10	< 10	37	< 5	114
ASK 5-A	299 238	0.01	45	130	6	5	4	< 1	0.01	< 10	< 10	115	< 5	166
ASK 5-B	299 238	0.19	19	850	4	5	2	200	0.12	< 10	< 10	29	< 5	66
ASK 6-A	299 238	0.01	21	120	2	5	2	1	< 0.01	< 10	< 10	42	< 5	157
ASK 6-B	299 238	0.03	15	540	12	5	7	11	0.11	< 10	< 10	72	< 5	70
ASK 7-A	299 238	0.01	51	100	< 2	5	1	< 1	< 0.01	< 10	< 10	25	< 5	238
ASK 7-B	299 238	0.02	13	480	4	10	8	2	0.04	< 10	< 10	61	< 5	56
ASK ADIT/4N	299 238	0.01	41	170	6	5	1	13	0.02	< 10	< 10	74	< 5	35
ASK 8.5-OE	299 238	0.01	6	100	4	5	5	1	0.01	< 10	< 10	42	< 5	54
ASK 8.5-1E	299 238	0.01	10	110	< 2	10	5	< 1	0.01	< 10	< 10	39	< 5	106
ASK L10-OE	299 238	0.01	30	150	4	5	1	1	0.01	< 10	< 10	24	< 5	182
ASK L10-1E	299 238	0.03	31	80	6	< 5	3	4	0.02	< 10	< 10	53	< 5	258
ASK L10-2E	299 238	0.02	20	280	2	5	2	8	< 0.01	< 10	< 10	20	< 5	124
ASK L10-3E	299 238	< 0.01	53	40	48	5	1	1	< 0.01	< 10	< 10	34	< 5	231
ASK L12-OE	299 238	0.01	13	460	< 2	5	8	1	0.11	< 10	< 10	38	< 5	113
ASK L12-1E	299 238	0.02	11	290	< 2	5	9	3	0.05	< 10	< 10	111	< 5	178
ASK L12-2E	299 238	< 0.01	7	140	< 2	5	2	< 1	< 0.01	< 10	< 10	30	< 5	81
ASK L12-3E	299 238	0.01	33	80	6	10	2	1	< 0.01	< 10	10	23	< 5	273
ASK L12-4E	299 238	< 0.01	27	60	16	< 5	5	40	< 0.01	< 10	< 10	20	< 5	180
ASK L13-OE	299 238	0.11	13	470	10	< 5	2	105	0.14	< 10	< 10	26	20	106
ASK L13-1E	299 238	< 0.01	17	50	30	< 5	< 1	1	0.01	< 10	< 10	15	< 5	121
ASK L13-2E	299 238	0.08	10	640	6	< 5	11	13	0.31	< 10	< 10	121	< 5	102
ASK L13-3E	299 238	0.01	31	200	8	10	9	3	0.06	< 10	< 10	99	< 5	392
ASK L13-4E	299 238	< 0.01	42	< 10	< 2	< 5	< 1	1	< 0.01	< 10	< 10	13	< 5	212
ASK L13-5E	299 238	< 0.01	25	< 10	< 2	10	3	1	0.01	< 10	< 10	31	< 5	433
ASK L13-TW	299 238	0.30	31	480	< 2	< 5	5	78	0.31	< 10	< 10	53	< 5	263

CERTIFICATION :

*B. Campbell*



# Chemex Labs Ltd.

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 450 MATHESON BLVD. E., UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0310

To: MUSCOCHO EXPLORATION LIMITED

36 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5

Project: FOMBY B C  
 Comments: U.T. TERA EXPL GEOLOGICAL

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 Date: 17-OCT-88  
 Invoice #: I-8825037  
 P.O. #: Y

## CERTIFICATE OF ANALYSIS A8825037

SAMPLE DESCRIPTION	PREP CODE	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
ASK L14-0E	299 238	6.75	3.8	65	40	1.0	22	4.66	< 0.5	14	20	6880	4.57	< 10	< 1	0.09	< 10	0.20	338	14
ASK L14-1E	299 238	1.86	6.6	30	20	< 0.5	22	3.49	0.5	25	12	5970	4.32	< 10	< 1	0.08	< 10	0.19	899	90
ASK L14-2E	299 238	0.93	41.2	5	< 10	0.5	12	3.84	0.5	24	25	7960	7.31	< 10	< 1	0.01	< 10	0.07	1040	126
ASK L14-3E	299 238	5.44	2.0	45	290	2.0	< 2	4.07	4.5	128	19	>10000	8.31	< 10	< 1	0.79	< 10	0.31	2370	86
ASK L14-4E	299 238	1.77	1.4	20	20	2.0	< 2	14.95	2.5	52	15	7220	12.70	< 10	< 1	0.07	< 10	0.08	2670	< 1
ASK L14-5E	299 238	1.09	20.4	35	< 10	3.5	< 2	14.25	< 0.5	28	15	8170	>15.00	< 10	< 1	0.01	< 10	0.27	2130	< 1
ASK L14-6E	299 238	1.21	6.4	10	20	2.0	< 2	12.30	2.5	66	21	8390	>15.00	< 10	< 1	0.05	< 10	0.19	1940	5
ASK L15-0E	299 238	5.65	13.6	35	130	< 0.5	50	4.21	< 0.5	15	28	2920	3.24	< 10	< 1	0.54	< 10	0.56	471	3
ASK L15-1E	299 238	1.22	0.2	10	20	< 0.5	7	0.94	< 0.5	8	23	65	1.03	< 10	< 1	0.09	< 10	0.42	126	< 1
ASK L15-2E	299 238	1.49	20.0	15	20	1.5	< 2	9.19	1.5	32	14	>10000	9.18	< 10	< 1	0.10	< 10	0.17	1815	6
ASK L15-3E	299 238	0.86	44.8	>10000	10	3.0	22	7.43	2.5	1570	22	>10000	>15.00	< 10	< 1	0.03	< 10	0.07	3165	19
ASK L15-4E	299 238	0.50	7.6	265	10	1.0	2	10.90	0.5	31	21	5730	11.65	< 10	< 1	0.04	< 10	0.11	1360	< 1
ASK L15-5E	299 238	0.63	49.4	65	10	2.5	< 2	11.80	3.5	75	22	>10000	14.65	< 10	< 1	0.06	< 10	0.14	1675	< 1
ASK L15-1W	299 238	0.54	29.0	445	50	1.0	508	0.18	< 0.5	14	31	5760	8.95	< 10	< 1	0.04	< 10	0.07	172	197
ASK L15-2W	299 238	1.19	21.0	170	10	1.5	17	5.28	4.0	87	23	>10000	11.10	< 10	< 1	0.05	< 10	0.08	1530	29
ASK L16-0E	299 238	1.24	9.2	35	70	1.0	8	0.78	0.5	24	20	4130	7.81	< 10	< 1	0.34	10	0.71	455	3
ASK L16-1E	299 238	2.30	0.2	80	50	< 0.5	4	1.81	< 0.5	15	24	805	2.90	< 10	2	0.27	< 10	0.87	685	75
ASK L16-2E	299 238	2.38	1.6	< 5	90	< 0.5	< 2	4.98	0.5	16	29	2140	4.07	< 10	< 1	0.32	< 10	0.61	1435	710
ASK L16-3E	299 238	4.79	0.8	25	130	< 0.5	< 2	4.80	< 0.5	15	12	992	3.09	< 10	< 1	0.44	< 10	0.59	651	104
ASK L16-4E	299 238	1.66	17.6	< 5	120	< 0.5	< 2	12.30	2.5	48	15	>10000	10.30	< 10	< 1	0.01	< 10	0.45	1805	13
ASK L16-5E	299 238	1.22	3.4	35	10	< 0.5	22	>15.00	< 0.5	25	24	1690	>15.00	< 10	< 1	0.02	< 10	0.07	2210	243
ASK L16-6E	299 238	1.70	4.4	125	< 10	< 0.5	20	>15.00	< 0.5	16	16	2860	10.75	< 10	< 1	< 0.01	< 10	0.17	2360	22
ASK L16-1W	299 238	2.61	35.0	200	20	0.5	216	2.31	1.0	60	35	>10000	11.25	< 10	< 1	0.13	20	0.54	663	4
ASK L16-2W	299 238	1.44	0.4	120	220	< 0.5	12	0.37	0.5	15	35	244	3.54	< 10	1	0.72	10	0.79	399	< 1
ASK L16-3W	299 238	2.17	0.2	25	160	< 0.5	10	0.36	< 0.5	12	29	36	3.19	< 10	< 1	0.72	10	1.43	335	< 1
ASK L16-4W	299 238	2.73	0.2	5	350	< 0.5	10	0.56	< 0.5	13	41	58	4.17	< 10	< 1	1.06	20	0.99	357	< 1
ASK L17-0E	299 238	3.35	14.4	145	40	0.5	60	6.71	4.5	99	27	>10000	5.95	< 10	< 1	0.32	< 10	1.00	1480	3
ASK L17-1E	299 238	2.06	15.0	115	20	< 0.5	17	3.32	1.0	77	12	>10000	5.47	< 10	< 1	0.04	50	0.23	901	1980
ASK L17-2E	299 238	1.23	31.0	35	< 10	< 0.5	< 2	4.95	2.5	51	13	>10000	5.26	< 10	< 1	< 0.01	< 10	0.11	1155	1520
ASK L17-3E	299 238	1.84	15.6	5	30	< 0.5	< 2	7.05	1.0	38	19	>10000	5.81	< 10	< 1	0.12	< 10	0.19	1510	75
ASK L17-1W	299 238	2.96	40.0	45	20	< 0.5	30	1.93	1.0	40	18	>10000	9.52	10	1	0.21	30	0.38	544	< 1
ASK L17-2W	299 238	1.86	38.0	635	30	< 0.5	12	0.85	1.5	61	14	>10000	6.42	< 10	< 1	0.28	10	0.05	88	2330
ASK L17-3W	299 238	0.20	>200	665	< 10	< 0.5	< 2	0.18	29.5	310	3	>10000	>15.00	< 10	3	< 0.01	10	0.12	1270	9
ASK L17-4W	299 238	0.69	2.0	< 5	200	< 0.5	6	0.07	< 0.5	6	33	1640	2.39	< 10	< 1	0.45	10	0.50	226	2
ASK L17-5W	299 238	2.47	0.2	100	180	< 0.5	4	1.49	< 0.5	16	66	252	2.16	10	< 1	0.37	20	0.66	166	< 1
ASK L17-6W	299 238	0.48	0.2	575	< 10	< 0.5	10	1.34	< 0.5	47	706	82	2.91	< 10	1	0.01	20	5.28	838	< 1
ASK L17-7W	299 238	2.60	0.2	205	180	< 0.5	10	1.69	< 0.5	28	161	89	1.91	10	1	0.38	10	1.73	206	< 1
ASK L17-8W	299 238	2.96	0.2	105	340	< 0.5	6	1.41	< 0.5	18	157	46	3.00	10	1	1.24	20	1.79	181	< 1
ASK L17-9W	299 238	1.98	0.2	20	170	< 0.5	6	5.08	< 0.5	12	68	73	3.17	10	< 1	0.97	< 10	1.29	494	< 1
ASK EN	299 238	2.57	4.2	10	90	< 0.5	14	10.70	< 0.5	24	24	2970	6.88	30	< 1	0.27	< 10	0.37	2480	2670

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 450 MATHESON BLVD., E., UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0110

To: MUSCOCHO EXPLORATION LIMITED

36 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5

Project: FOWLEY B C  
 Comments: CC: TERA EXPL. GEOLOGICAL

\*\*Page No.: 1-B  
 Tot. Pages: 2  
 Date: 17-OCT-88  
 Invoice #: I-8825037  
 P.O. #: Y

## CERTIFICATE OF ANALYSIS A8825037

SAMPLE DESCRIPTION	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ASK L14-OE	299 238	0.66	20	440	< 2	< 5	3	258	0.17	< 10	< 10	44	< 5	191
ASK L14-1E	299 238	0.03	15	600	8	< 5	2	25	0.10	< 10	< 10	21	< 5	151
ASK L14-2E	299 238	< 0.01	11	1190	< 2	< 5	4	5	0.13	< 10	< 10	62	< 5	175
ASK L14-3E	299 238	0.18	68	1230	< 2	10	5	107	0.36	< 10	< 10	72	< 5	893
ASK L14-4E	299 238	0.01	25	80	< 2	5	3	7	0.01	< 10	20	47	< 5	265
ASK L14-5E	299 238	< 0.01	29	110	< 2	5	2	1	< 0.01	< 10	< 10	30	—	191
ASK L14-6E	299 238	0.01	36	170	< 2	5	2	4	0.01	< 10	10	50	—	259
ASK L15-OE	299 238	0.12	18	530	< 2	< 5	4	308	0.21	< 10	< 10	64	< 5	34
ASK L15-1E	299 238	0.12	16	390	< 2	< 5	3	26	0.11	< 10	< 10	36	< 5	19
ASK L15-2E	299 238	0.01	19	20	10	5	1	11	0.01	< 10	< 10	36	< 5	306
ASK L15-3E	299 238	< 0.01	280	< 10	38	10	2	2	0.01	< 10	< 10	37	—	476
ASK L15-4E	299 238	0.01	23	240	8	10	2	10	< 0.01	< 10	< 10	37	< 5	140
ASK L15-5E	299 238	< 0.01	54	40	2	10	5	16	< 0.01	< 10	< 10	36	< 5	628
ASK L15-1W	299 238	0.01	22	160	26	< 5	1	4	< 0.01	< 10	< 10	19	270	133
ASK L15-2W	299 238	< 0.01	46	< 10	14	10	2	13	0.02	< 10	< 10	29	< 5	539
ASK L16-OE	299 238	0.05	22	460	22	5	8	8	0.14	< 10	< 10	157	< 5	160
ASK L16-1E	299 238	0.13	18	600	38	5	8	33	0.23	< 10	< 10	95	< 5	87
ASK L16-2E	299 238	0.03	15	630	< 2	< 5	8	13	0.13	< 10	< 10	54	180	116
ASK L16-3E	299 238	0.20	8	2200	20	10	6	289	0.24	< 10	< 10	88	< 5	82
ASK L16-4E	299 238	0.01	6	130	14	5	3	36	0.02	< 10	< 10	29	90	364
ASK L16-5E	299 238	0.01	8	90	< 2	< 5	3	10	< 0.01	< 10	< 10	22	—	62
ASK L16-6E	299 238	0.01	19	220	< 2	< 5	3	15	0.01	< 10	< 10	32	105	76
ASK L16-1W	299 238	0.04	31	400	14	< 5	7	33	0.11	< 10	< 10	47	55	244
ASK L16-2W	299 238	0.03	20	350	142	< 5	11	6	0.15	< 10	< 10	90	15	257
ASK L16-3W	299 238	0.04	26	350	6	< 5	12	19	0.13	< 10	< 10	84	10	69
ASK L16-4W	299 238	0.09	18	600	14	< 5	16	18	0.24	< 10	< 10	126	10	77
ASK L17-OE	299 238	0.09	53	940	8	< 5	13	76	0.21	< 10	< 10	61	25	527
ASK L17-1E	299 238	0.04	21	600	10	5	5	45	0.15	< 10	< 10	13	2230	350
ASK L17-2E	299 238	0.01	28	760	8	< 5	3	15	0.10	< 10	< 10	11	110	457
ASK L17-3E	299 238	0.02	12	720	12	< 5	7	10	0.11	< 10	< 10	27	115	226
ASK L17-1W	299 238	0.18	20	140	< 2	< 5	6	53	0.04	20	10	24	15	306
ASK L17-2W	299 238	0.06	54	40	< 2	< 5	< 1	20	< 0.01	20	10	< 1	< 5	223
ASK L17-3W B	299 238	< 0.01	29	< 10	40	< 5	6	1	< 0.01	—	40	< 1	—	4030
ASK L17-4W	299 238	0.03	17	190	16	< 5	4	1	0.10	< 10	< 10	31	< 5	74
ASK L17-5W	299 238	0.21	157	700	8	< 5	2	149	0.12	< 10	< 10	32	10	45
ASK L17-6W	299 238	0.01	1290	30	12	< 5	6	33	< 0.01	< 10	< 10	12	5	34
ASK L17-7W	299 238	0.26	491	670	< 2	< 5	4	152	0.09	< 10	< 10	43	5	26
ASK L17-8W	299 238	0.19	184	1170	< 2	5	10	158	0.29	< 10	< 10	101	10	57
ASK L17-9W	299 238	0.12	54	660	< 2	< 5	7	93	0.25	< 10	< 10	82	15	82
ASK KN	299 238	0.01	9	460	< 2	5	4	19	0.05	10	< 10	30	1835	118

CERTIFICATION :

*B. Campbell*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 450 MATHESON BLVD. E., UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5

PHONE (416) 890-0310

To: MUSCOCHO EXPLORATION LIMITED

16 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5

Project: FOWLEY B.C

Comments: QZ: TERA EXPL. GEOLOGICAL

\*\*Page No.: 1  
 Tot. Pages: 2  
 Date: 17-OCT-88  
 Invoice #: I-1825035  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825035

SAMPLE DESCRIPTION	PREP CODE	Au oz/T RUSH	Ag oz/T	Cu %	Pb %	Zn %					
ASK L14-0E	236	---	0.0006	0.13	0.63	< 0.01	0.01				
ASK L14-1E	236	---	0.010	0.19	0.59	< 0.01	0.01				
ASK L14-2E	236	---	0.016	1.25	0.74	< 0.01	0.01				
ASK L14-3E	236	---	0.002	0.05	3.17	< 0.01	0.06				
ASK L14-4E	236	---	< 0.002	0.05	0.72	< 0.01	0.02				
ASK L14-5E	236	---	0.008	0.50	0.76	< 0.01	0.01				
ASK L14-6E	236	---	0.002	0.19	0.86	< 0.01	0.02				
ASK L15-0E	236	---	0.010	0.38	0.28	< 0.01	< 0.01				
ASK L15-1E	236	---	< 0.002	0.02	0.02	< 0.01	< 0.01				
ASK L15-2E	236	---	0.006	0.51	1.25	< 0.01	0.02				
ASK L15-3E	236	---	0.050	1.22	1.92	< 0.01	0.03				
ASK L15-4E	236	---	0.002	0.22	0.52	< 0.01	0.01				
ASK L15-5E	236	---	0.006	1.44	3.17	< 0.01	0.03				
ASK L15-1W	236	---	0.130	0.83	0.52	< 0.01	0.01				
ASK L15-2W	236	---	0.008	0.62	1.55	< 0.01	0.03				
ASK L16-0E	236	---	< 0.006	0.31	0.36	< 0.01	0.01				
ASK L16-1E	236	---	< 0.002	0.03	0.08	< 0.01	0.01				
ASK L16-2E	236	---	< 0.002	0.05	0.21	< 0.01	0.01				
ASK L16-3E	236	---	< 0.002	0.03	0.10	< 0.01	< 0.01				
ASK L16-4E	236	---	0.004	0.52	1.31	< 0.01	0.02				
ASK L16-5E	236	---	0.002	0.10	0.15	< 0.01	< 0.01				
ASK L16-6E	236	---	0.002	0.12	0.28	< 0.01	< 0.01				
ASK L16-1W	236	---	0.112	1.04	1.04	< 0.01	0.02				
ASK L16-2W	236	---	0.007	0.03	0.02	< 0.01	0.01				
ASK L16-3W	236	---	< 0.002	0.03	< 0.01	< 0.01	< 0.01				
ASK L16-4W	236	---	< 0.002	0.01	< 0.01	< 0.01	< 0.01				
ASK L17-0E	236	---	0.034	0.39	1.28	< 0.01	0.04				
ASK L17-1E	236	---	0.008	0.44	0.95	< 0.01	0.03				
ASK L17-2E	236	---	0.014	0.93	2.33	< 0.01	0.04				
ASK L17-3E	236	---	0.014	0.43	1.16	< 0.01	0.02				
ASK L17-1W	236	---	0.024	1.14	2.04	< 0.01	0.02				
ASK L17-2W	236	---	0.016	1.21	2.02	< 0.01	0.04				
ASK L17-3W B	236	---	0.056	10.80	24.8	< 0.01	0.40				
ASK L17-3W	236	---	< 0.002	0.06	0.07	< 0.01	< 0.01				
ASK L17-4W	236	---	0.002	0.01	0.02	< 0.01	0.01				
ASK L17-5W	236	---	0.002	< 0.01	< 0.01	< 0.01	< 0.01				
ASK L17-6W	236	---	0.002	< 0.01	< 0.01	< 0.01	< 0.01				
ASK L17-7W	236	---	0.002	< 0.01	< 0.01	< 0.01	0.01				
ASK L17-8W	236	---	0.002	0.01	0.01	< 0.01	0.01				
ASK KN	236	---	0.008	0.10	0.28	< 0.01	0.01				

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION: *[Signature]*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
410 MATHESON BLVD. E. UNIT 54, MISSISSAUGA,  
ONTARIO, CANADA L4Z-1R5  
PHONE (416) 890-0310

To: MUSCOCHO EXPLORATION LIMITED

36 TORONTO ST., STE. 950  
TORONTO, ON  
M5C 1C5

Project: FOWLEY B.C.  
Comments: CC: TERA EXPL. GEOLOGICAL

\*\*Page No. 2  
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Date: 17-OCT-88  
Invoice #: I-8825035  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825035

SAMPLE DESCRIPTION	PREP CODE	Au oz/T RUSH	Ag oz/T	Cu %	Pb %	Zn %					
ASK A GRAB	236	--	0.002	0.04	0.04	< 0.01	0.01				
ASK B GRAB	236	--	0.002	0.20	0.31	< 0.01	0.01				

*P. Swartz*

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 450 MATHESON BLVD. E. UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0310

To: MUSCOCHIO EXPLORATION LIMITED

36 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5

Project: FOWLEY B C  
 Comments: CC: TERA EXPL. GEOLOGICAL

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 Date: 13-OCT-88  
 Invoice #: 1-8825032  
 P.O. #: NONE

**CERTIFICATE OF ANALYSIS A8825032**

SAMPLE DESCRIPTION	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
AESK L2 70M	299	238	0.06	22	1500	< 2	< 5	12	46	0.10	< 10	40	103	< 5	72
AESK L10 0M	299	238	0.16	11	510	2	< 5	7	69	0.15	< 10	< 10	42	< 5	45
AESK L10 10W	299	238	0.07	17	590	6	< 5	14	6	0.07	< 10	< 10	74	< 5	127
AESK L10 20W	299	238	0.11	8	620	8	< 5	7	17	0.11	< 10	< 10	79	< 5	31
AESK L10 50W	299	238	0.10	76	400	< 2	< 5	8	31	0.11	< 10	< 10	67	< 5	47
AESK L10 50T	299	238	0.13	12	700	< 2	< 5	12	235	0.42	< 10	< 10	482	< 5	51

CERTIFICATION: B. Coughlin



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 450 MATHESON BLVD., E., UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0310

To: MUSCOCHO EXPLORATION LIMITED

16 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5

Project: FOWLEY B.C.  
 Comments: TERA EXPL. GEOLOGICAL

\*\*Page No: 1  
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 Date: 12-OCT-88  
 Invoice #: I-8825031  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825031

SAMPLE DESCRIPTION	PREP CODE	Au oz/T RUSH	Ag oz/T	Cu %	Pb %	Zn %				
A-AD 01	236	^^	< 0.002	< 0.01	< 0.01	< 0.01	< 0.01			
A-AD 02	236	^^	0.002	< 0.01	< 0.01	< 0.01	< 0.01			
A-AD 03	236	^^	0.002	< 0.01	< 0.01	< 0.01	< 0.01			
A-AD 04	236	^^	0.002	< 0.01	< 0.01	< 0.01	< 0.04			
A-AD 05	236	^^	0.002	< 0.01	< 0.01	< 0.01	< 0.01			
A-AD 06	236	^^	0.002	< 0.01	< 0.01	< 0.01	< 0.01			
A-AD 07	236	^^	0.002	< 0.03	0.24	< 0.01	< 0.01			
A-AD 08	236	^^	0.002	< 0.01	0.04	< 0.01	< 0.01			
A-AD 09	236	^^	0.002	< 0.01	0.01	< 0.01	< 0.01			
A-AD 10	236	<	0.002	< 0.01	0.01	< 0.01	< 0.01			
A-AD 11	236	^^	0.002	< 0.01	< 0.01	< 0.01	< 0.01			
A-AD 12	236	^^	0.002	< 0.01	0.02	< 0.01	< 0.01			
A-AD 13	236	^^	0.002	< 0.01	0.03	< 0.01	< 0.01			
A-AD 14	236	<	0.002	< 0.01	0.01	< 0.01	< 0.01			
A-AD 15	236	^^	0.002	< 0.01	0.01	< 0.01	0.04			
A-AD 16	236	^^	0.002	< 0.01	0.01	< 0.01	0.01			
AESK DUMP	236	^^	0.002	0.07	0.23	< 0.01	0.02			
AESK ADIT DUMP	236	^^	0.004	0.41	0.79	< 0.01	0.02			
AESK ADIT 1	236	^^	0.002	< 0.01	0.14	< 0.01	0.02			
AESK ADIT 2	236	^^	0.002	< 0.01	0.06	< 0.01	0.01			
AESK ADIT 3	236	^^	0.002	< 0.01	0.06	< 0.01	0.01			
AESK ADIT 4	236	^^	0.002	< 0.01	0.02	< 0.01	0.01			
AESK 1	236	^^	0.002	< 0.01	< 0.01	< 0.01	< 0.01			
AESK 2	236	^^	0.002	< 0.01	0.03	< 0.01	0.01			
AESK 3	236	^^	0.002	< 0.01	0.03	< 0.01	0.01			
AESK 4	236	^^	0.002	< 0.01	0.04	< 0.01	0.01			
AESK 5	236	<	0.002	< 0.01	< 0.01	< 0.01	< 0.01			
AESK L1A	236	^^	0.002	< 0.01	0.01	< 0.01	0.01			
AESK L10M	236	^^	0.002	< 0.01	0.01	< 0.01	0.01			
AESK L15M	236	^^	0.002	< 0.01	0.01	< 0.01	0.01			
AESK L20M	236	^^	0.002	< 0.01	< 0.01	< 0.01	< 0.01			
AESK L25M	236	^^	0.002	< 0.01	0.08	< 0.01	< 0.01			
AESK L35M	236	^^	0.002	< 0.01	0.02	< 0.01	0.01			
AESK L40M	236	^^	0.002	< 0.06	0.16	< 0.01	0.01			
AESK L45M	236	<	0.002	< 0.01	0.01	< 0.01	< 0.01			
AESK L50M	236	<	0.002	< 0.01	0.04	< 0.01	0.01			
AESK L55M	236	^^	0.002	0.06	0.13	< 0.01	0.01			
AESK L60M	236	^^	0.002	< 0.01	0.05	< 0.01	0.01			
AESK L1 ABC 10	236	^^	0.002	< 0.01	0.01	< 0.01	0.01			
AESK L1 ABC 20	236	^^	0.002	< 0.01	0.01	< 0.01	0.01			

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION :

*[Handwritten Signature]*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 450 MATHESON BLVD., F. UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0310

To: MUSCOCHO EXPLORATION LIMITED

36 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5

Project: FOWLEY B.C.  
 Comments: CC: TERA EXPL. GEOLOGICAL

\*\*Page No. 1-A  
 Tot Pages 2  
 Date: 13-OCT-88  
 Invoice #: I-8825032  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825032

SAMPLE DESCRIPTION	PREP CODE	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
A-AD 01	299 238	4.76	< 0.2	30	810	< 0.5	2	3.05	< 0.5	20	103	83	3.80	< 10	< 1	1.61	< 10	1.88	329	< 1
A-AD 02	299 238	4.50	< 0.2	20	620	< 0.5	2	1.63	< 0.5	21	224	55	4.32	< 10	< 1	1.69	10	2.47	369	< 1
A-AD 03	299 238	3.96	< 0.2	40	680	< 0.5	< 2	0.56	< 0.5	25	309	90	6.02	< 10	< 1	2.40	10	2.73	536	< 1
A-AD 04	299 238	3.35	0.4	< 5	310	< 0.5	2	2.46	2.5	19	107	71	4.42	< 10	< 1	1.32	< 10	1.38	496	< 1
A-AD 05	299 238	2.89	0.4	50	390	< 0.5	< 2	0.28	< 0.5	19	92	72	5.14	< 10	< 1	1.95	< 10	1.84	473	< 1
A-AD 06	299 238	2.56	< 0.2	75	340	< 0.5	< 2	0.64	< 0.5	14	19	43	3.54	< 10	< 1	0.80	10	1.15	500	< 1
A-AD 07	299 238	1.37	0.8	15	10	< 0.5	< 2	13.00	1.5	9	32	2750	10.20	< 10	< 1	0.03	< 10	0.14	1510	< 1
A-AD 08	299 238	1.39	< 0.2	35	< 10	< 0.5	2	13.60	0.5	17	23	443	10.20	< 10	< 1	0.03	< 10	0.08	1605	< 1
A-AD 09	299 238	0.87	< 0.2	25	10	< 0.5	4	9.12	< 0.5	5	20	44	6.56	< 10	< 1	0.03	< 10	0.11	1065	< 1
A-AD 10	299 238	0.22	< 0.2	15	< 10	< 0.5	< 2	4.49	< 0.5	< 1	4	53	1.46	< 10	< 1	0.02	< 10	0.07	503	< 1
A-AD 11	299 238	1.61	< 0.2	15	< 10	< 0.5	< 2	15.00	< 0.5	7	5	98	11.95	< 10	< 1	0.03	< 10	0.14	1870	< 1
A-AD 12	299 238	1.45	< 0.2	< 5	< 10	< 0.5	< 2	12.20	0.5	5	4	245	7.09	< 10	< 1	0.02	< 10	0.12	1375	< 1
A-AD 13	299 238	1.17	0.4	30	20	< 0.5	< 2	7.31	< 0.5	11	17	357	6.66	< 10	< 1	0.36	< 10	0.54	997	< 1
A-AD 14	299 238	1.94	< 0.2	20	< 10	< 0.5	< 2	15.00	< 0.5	5	26	128	10.15	< 10	< 1	0.03	< 10	0.09	1990	< 1
A-AD 15	299 238	0.77	0.4	45	40	< 0.5	12	5.14	3.5	14	14	179	5.20	< 10	< 1	0.44	< 10	0.45	1750	< 1
A-AD 16	299 238	0.66	< 0.2	25	< 10	< 0.5	< 2	6.53	< 0.5	5	7	187	3.38	< 10	< 1	0.03	< 10	0.11	1010	< 1
AESK DUMP	299 238	1.03	2.6	30	10	< 0.5	< 2	4.41	1.0	14	13	2460	4.94	< 10	< 1	0.05	< 10	0.10	1355	< 1
AESK ADIT DUMP	299 238	0.52	15.6	115	20	< 0.5	< 2	4.48	1.0	25	22	8880	13.90	< 10	< 1	0.10	< 10	0.04	1795	< 1
AESK ADIT 1	299 238	0.61	1.2	30	30	< 0.5	< 2	3.94	1.0	31	19	1640	>15.00	< 10	< 1	0.16	< 10	0.21	3290	< 1
AESK ADIT 2	299 238	0.57	< 0.2	15	10	< 0.5	< 2	11.40	< 0.5	8	16	603	10.55	< 10	< 1	0.01	< 10	0.05	1655	< 1
AESK ADIT 3	299 238	0.18	0.2	< 5	< 10	< 0.5	< 2	7.02	< 0.5	41	6	696	9.58	< 10	< 1	< 0.01	< 10	0.03	1075	< 1
AESK ADIT 4	299 238	4.31	0.2	215	40	1.0	< 2	1.88	< 0.5	25	121	244	5.03	< 10	< 1	0.30	< 10	1.92	676	< 1
AESK 1	299 238	3.94	0.2	30	230	1.0	< 2	2.26	< 0.5	12	68	83	3.04	< 10	< 1	0.54	< 10	1.19	191	< 1
AESK 2	299 238	4.55	0.4	10	250	0.5	< 2	2.12	< 0.5	13	31	303	3.63	< 10	< 1	0.35	< 10	0.97	204	< 1
AESK 3	299 238	1.47	0.6	55	160	0.5	< 2	0.08	< 0.5	7	30	355	4.57	< 10	< 1	0.34	< 10	0.92	162	< 1
AESK 4	299 238	0.52	0.2	20	20	1.0	< 2	4.91	< 0.5	11	20	434	7.59	< 10	< 1	0.02	< 10	0.07	1665	< 1
AESK 5	299 238	0.45	0.2	5	10	0.5	< 2	0.16	< 0.5	8	23	90	3.14	< 10	< 1	0.13	< 10	0.39	161	< 1
AESK L1A	299 238	3.00	0.2	45	120	0.5	< 2	1.44	< 0.5	10	46	44	2.53	< 10	< 1	0.32	10	0.60	192	< 1
AESK L10M	299 238	2.49	0.2	5	110	1.0	< 2	0.97	< 0.5	11	62	61	3.85	< 10	< 1	0.44	10	0.68	214	< 1
AESK L15M	299 238	1.89	< 0.2	10	80	< 0.5	< 2	0.87	< 0.5	8	39	43	2.08	< 10	< 1	0.24	< 10	0.56	85	< 1
AESK L20M	299 238	0.85	< 0.2	< 5	20	< 0.5	< 2	0.40	< 0.5	< 1	12	65	2.32	< 10	< 1	0.05	< 10	0.20	62	< 1
AESK L25M	299 238	0.69	0.6	10	30	< 0.5	< 2	1.29	< 0.5	12	24	1005	2.41	< 10	< 1	0.14	< 10	0.20	315	< 1
AESK L35M	299 238	3.05	0.4	20	230	< 0.5	< 2	1.22	< 0.5	14	25	237	3.68	< 10	< 1	0.54	10	1.24	197	< 1
AESK L40M	299 238	1.08	2.2	10	10	0.5	< 2	3.93	0.5	6	57	1720	11.05	< 10	< 1	0.09	< 10	0.48	824	< 1
AESK L45M	299 238	1.45	0.2	20	30	< 0.5	< 2	0.84	< 0.5	10	28	152	2.88	< 10	< 1	0.11	10	0.33	143	< 1
AESK L50M	299 238	4.06	0.2	< 5	80	< 0.5	< 2	1.95	0.5	30	45	411	4.01	< 10	< 1	0.40	< 10	1.05	229	< 1
AESK L55M	299 238	2.70	1.8	105	200	0.5	< 2	1.21	< 0.5	13	108	1430	3.39	< 10	< 1	0.57	10	1.03	362	< 1
AESK L60M	299 238	3.15	0.4	< 5	680	0.5	< 2	0.76	< 0.5	16	59	503	3.81	< 10	< 1	1.42	< 10	1.44	307	< 1
AESK L1 ABC 10	299 238	1.74	0.4	5	20	< 0.5	< 2	0.98	< 0.5	2	14	62	2.50	< 10	< 1	0.06	< 10	0.20	84	< 1
AESK L1 ABC 20	299 238	1.62	0.2	15	90	0.5	< 2	0.55	< 0.5	11	73	59	2.66	< 10	< 1	0.43	< 10	0.97	101	< 1

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 450 MATHESON BLVD., E., UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0310

TO: MUSCOCHO EXPLORATION LIMITED

36 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5

Project : FOWLEY B.C.  
 Comments: CC: TERA EXPL. GEOLOGICAL.

\*\*Page No 1-B  
 Tot. Pages: 2  
 Date : 13-OCT-88  
 Invoice #: 1-8825032  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825032

SAMPLE DESCRIPTION	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A-AD 01	299 238	0.30	85	610	4	5	11	188	0.36	< 10	< 10	119	< 5	73
A-AD 02	299 238	0.30	91	680	4	< 5	14	91	0.34	< 10	< 10	132	< 5	77
A-AD 03	299 238	0.09	161	620	< 2	< 5	22	22	0.40	< 10	< 10	192	< 5	98
A-AD 04	299 238	0.16	45	550	36	< 5	6	79	0.31	< 10	< 10	139	< 5	427
A-AD 05	299 238	0.07	39	520	4	< 5	20	7	0.36	< 10	< 10	196	< 5	102
A-AD 06	299 238	0.09	18	440	10	5	8	9	0.10	< 10	< 10	70	< 5	58
A-AD 07	299 238	0.01	25	280	14	10	3	6	0.02	< 10	< 10	37	< 5	125
A-AD 08	299 238	0.01	15	210	10	5	3	5	0.01	< 10	< 10	32	< 5	78
A-AD 09	299 238	0.01	7	270	16	5	3	4	0.02	< 10	< 10	44	< 5	31
A-AD 10	299 238	0.01	2	300	18	< 5	< 1	10	0.01	< 10	< 10	9	< 5	30
A-AD 11	299 238	0.01	2	190	6	10	1	4	0.01	< 10	< 10	23	< 5	51
A-AD 12	299 238	0.01	< 1	200	8	5	1	4	0.02	< 10	< 10	19	< 5	57
A-AD 13	299 238	0.02	7	320	14	5	4	6	0.09	< 10	< 10	45	< 5	69
A-AD 14	299 238	0.02	8	290	4	10	9	5	0.06	< 10	< 10	79	< 5	52
A-AD 15	299 238	0.01	16	140	16	10	3	30	< 0.01	< 10	< 10	29	< 5	399
A-AD 16	299 238	0.01	8	150	12	5	1	7	0.02	< 10	< 10	26	< 5	53
AESK DUMP	299 238	0.01	16	180	12	5	3	35	0.03	< 10	< 10	34	< 5	258
AESK ADIT DUMP	299 238	< 0.01	14	280	< 2	10	3	3	0.01	< 10	< 10	127	< 5	234
AESK ADIT 1	299 238	0.01	32	310	20	10	6	16	< 0.01	< 10	< 10	77	< 5	195
AESK ADIT 2	299 238	0.01	16	560	12	10	3	9	0.01	< 10	< 10	47	< 5	79
AESK ADIT 3	299 238	< 0.01	75	130	4	10	1	15	< 0.01	< 10	< 10	28	< 5	61
AESK ADIT 4	299 238	0.35	73	300	< 2	< 5	8	45	0.07	< 10	< 10	85	< 5	81
AESK 1	299 238	0.44	50	2090	< 2	< 5	5	311	0.20	< 10	< 10	81	< 5	37
AESK 2	299 238	0.40	17	840	6	< 5	7	131	0.16	< 10	< 10	125	< 5	55
AESK 3	299 238	0.03	15	470	< 2	< 5	6	3	0.02	< 10	< 10	159	< 5	67
AESK 4	299 238	0.01	24	340	2	5	2	10	0.02	< 10	< 10	50	< 5	90
AESK 5	299 238	0.03	10	330	4	< 5	3	2	0.07	< 10	< 10	50	< 5	33
AESK L1A	299 238	0.18	79	500	< 2	< 5	4	134	0.12	< 10	< 10	40	< 5	53
AESK L10M	299 238	0.22	55	780	< 2	< 5	9	112	0.21	< 10	< 10	73	< 5	63
AESK L15M	299 238	0.19	13	750	< 2	< 5	4	121	0.09	< 10	< 10	48	< 5	34
AESK L20M	299 238	0.09	3	300	< 2	< 5	1	39	0.06	< 10	< 10	17	< 5	28
AESK L25M	299 238	0.05	17	270	2	< 5	2	9	0.02	< 10	< 10	20	< 5	70
AESK L35M	299 238	0.26	14	850	< 2	< 5	6	58	0.13	< 10	< 10	135	< 5	57
AESK L40M	299 238	0.03	17	600	< 2	5	4	13	0.12	< 10	20	74	< 5	77
AESK L45M	299 238	0.16	17	500	4	< 5	2	55	0.13	< 10	< 10	32	< 5	24
AESK L50M	299 238	0.23	61	460	2	< 5	6	196	0.09	< 10	< 10	78	< 5	55
AESK L55M	299 238	0.12	63	730	28	< 5	6	102	0.18	< 10	< 10	80	< 5	94
AESK L60M	299 238	0.17	30	660	< 2	< 5	13	40	0.36	< 10	< 10	163	< 5	70
AESK L1 ABC 10	299 238	0.24	4	560	2	< 5	2	58	0.14	< 10	< 10	31	< 5	17
AESK L1 ABC 20	299 238	0.16	25	360	2	< 5	5	28	0.12	< 10	< 10	78	< 5	36

CERTIFICATION : *B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 450 MATHESON BLVD. E., UNIT 54, MISSISSAUGA,  
 ONTARIO, CANADA L4Z-1R5  
 PHONE (416) 890-0310

To MUSCOCHO EXPLORATION LIMITED  
 36 TORONTO ST., STE. 950  
 TORONTO, ON  
 M5C 1C5  
 Project: FOWLEY B C  
 Comments: CE: TERA EXPL. GEOLOGICAL

\*\*Page No 1  
 Tot. Pages 1  
 Date : 17-OCT-88  
 Invoice # : 1-8825033  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825033

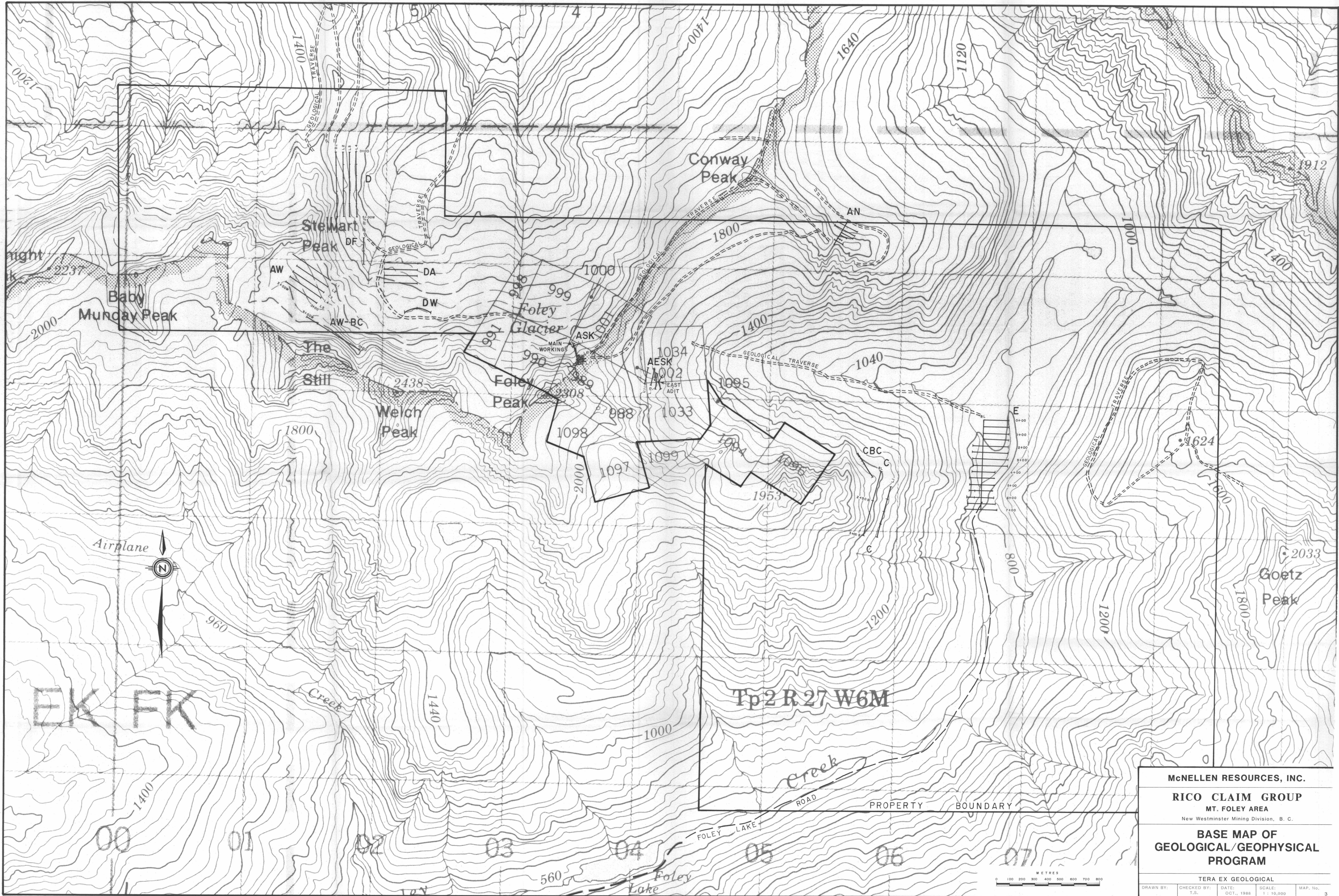
SAMPLE DESCRIPTION	PREP CODE	Au oz/T RUSH	Ag oz/T	Cu %	Pb %	Zn %					
ASK 2-A	236	---	<<< 0.002	<< 0.01	< 0.01	<<< 0.01					
ASK 2-C	236	---	<<< 0.002	<<< 0.01	< 0.01	<<< 0.01					
ASK 3-A	236	---	<<< 0.002	<<< 0.01	< 0.03	<<< 0.01					
ASK 3-B	236	---	<<< 0.002	<<< 0.01	< 0.03	<<< 0.01					
ASK 3-C	236	---	<<< 0.002	<<< 0.01	< 0.05	<<< 0.01					
ASK 3-D	236	---	<<< 0.002	< 0.02	0.05	<<< 0.01					
ASK 3-E	236	---	<<< 0.002	< 0.01	0.01	<<< 0.01					
ASK 3.5-A	236	---	<<< 0.002	< 0.03	0.03	<<< 0.01					
ASK 3.5-B	236	---	<<< 0.002	< 0.01	0.02	<<< 0.01					
ASK 4-A	236	---	<<< 0.002	0.14	0.50	<<< 0.01					
ASK 4-B	236	---	<<< 0.002	0.03	0.12	<<< 0.01					
ASK 4-C	236	---	<<< 0.002	0.01	0.02	<<< 0.01					
ASK 4-A2	236	---	<<< 0.002	0.09	0.22	<<< 0.01					
ASK 5-A	236	---	<<< 0.002	0.36	0.61	<<< 0.01					
ASK 5-B	236	---	<<< 0.002	0.01	0.02	<<< 0.01					
ASK 6-A	236	---	<<< 0.002	< 0.23	0.61	<<< 0.01					
ASK 6-B	236	---	<<< 0.002	< 0.01	0.04	<<< 0.01					
ASK 7-A	236	---	<<< 0.002	0.01	0.74	<<< 0.01					
ASK 7-B	236	---	<<< 0.002	0.04	0.08	<<< 0.01					
ASK ADIT/4N	236	---	<<< 0.002	0.02	0.07	<<< 0.01					
ASK 8.5-0E	236	---	<<< 0.002	< 0.01	0.01	<<< 0.01					
ASK 8.5-1E	236	---	<<< 0.002	0.23	0.31	<<< 0.01					
ASK L10-0E	236	---	<<< 0.004	0.32	0.56	<<< 0.01					
ASK L10-1E	236	---	<<< 0.002	0.26	0.93	<<< 0.01					
ASK L10-2E	236	---	<<< 0.002	0.09	0.28	<<< 0.01					
ASK L10-3E	236	---	<<< 0.002	0.12	0.38	<<< 0.01					
ASK L12-0E	236	---	<<< 0.002	0.06	0.30	<<< 0.01					
ASK L12-1E	236	---	<<< 0.002	0.01	0.74	<<< 0.01					
ASK L12-2E	236	---	<<< 0.032	0.61	0.21	<<< 0.01					
ASK L12-3E	236	---	<<< 0.008	0.09	0.65	<<< 0.01					
ASK L12-4E	236	---	<<< 0.002	0.04	0.40	<<< 0.01					
ASK L13-0E	236	---	<<< 0.124	1.43	0.13	<<< 0.01					
ASK L13-1E	236	---	<<< 0.012	0.48	0.07	<<< 0.01					
ASK L13-2E	236	---	<<< 0.002	0.03	0.29	<<< 0.01					
ASK L13-3E	236	---	<<< 0.004	0.35	1.74	<<< 0.01					
ASK L13-4E	236	---	<<< 0.018	0.45	0.81	<<< 0.01					
ASK L13-5E	236	---	<<< 0.012	0.87	2.11	<<< 0.01					
ASK L13-1W	236	---	<<< 0.002	0.02	0.68	<<< 0.01					

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION :

*Patricia*





McNELLEN RESOURCES, INC.

**RICO CLAIM GROUP**  
 MT. FOLEY AREA  
 New Westminster Mining Division, B. C.

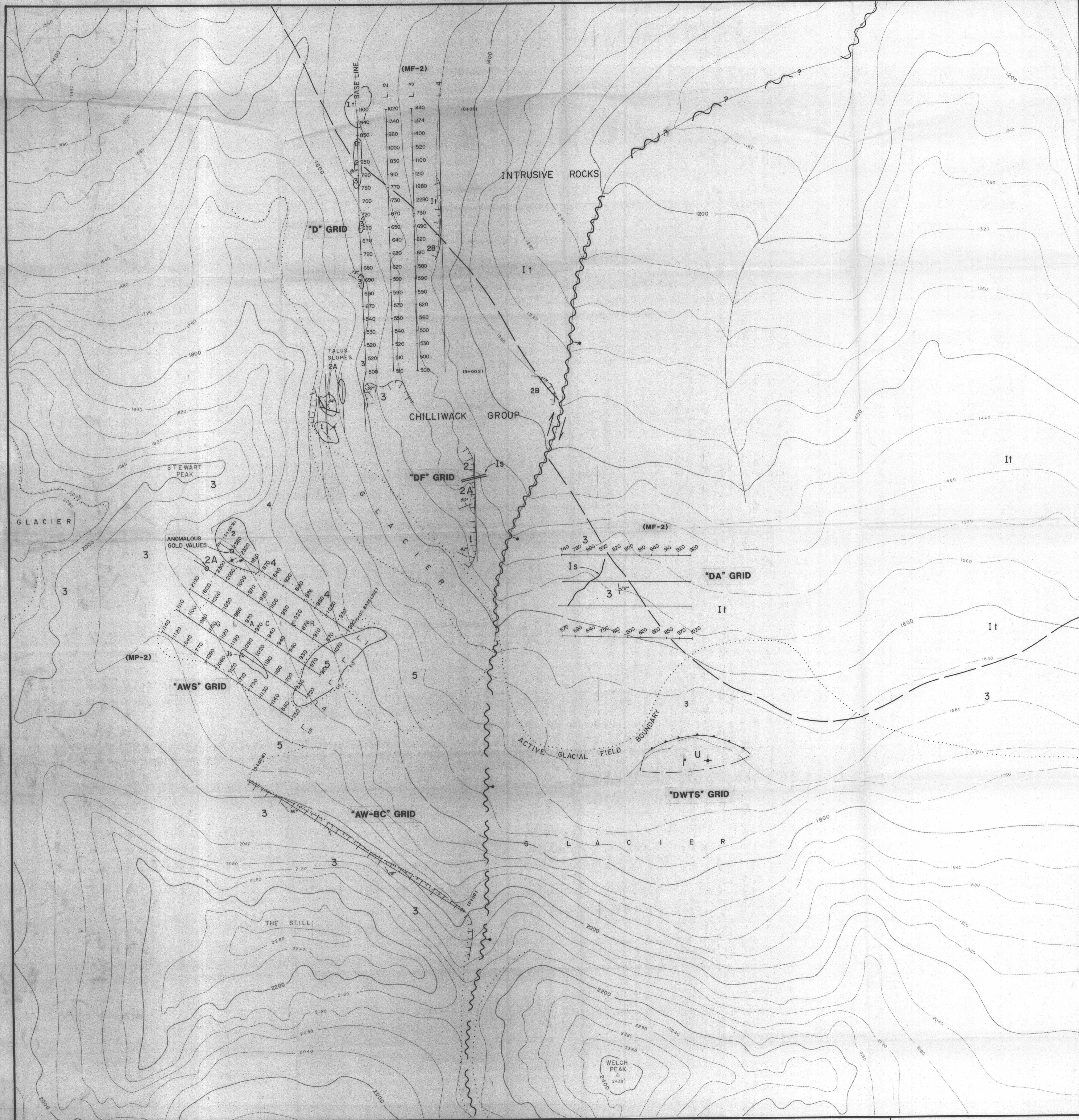
**BASE MAP OF  
 GEOLOGICAL/GEOPHYSICAL  
 PROGRAM**

TERA EX GEOLOGICAL

DRAWN BY:	CHECKED BY:	DATE:	SCALE:	MAP. No.
	T.S.	OCT., 1988	1:10,000	3

18.537





<p><b>MAGNETOMETER SURVEY</b> MF-2 (FLUXGATE) MP-2 (PROTON)</p> <p>+ VALUES IN GAMMAS</p> <p>MAGNETIC CONTOUR INTERVALS 100 GAMMAS</p> <p>A magnetic base of 56,500 gammas has been subtracted from all values.</p>	<p><b>GEOLOGICAL LEGEND</b></p> <p><b>TERTIARY CHILLIWACK BATHOLITH</b> INTRUSIVE ROCKS 11 Tonalites 12 Granodiorite 13 Sills/Dykes</p> <p><b>ULTRAMAFIC ROCKS BASEMENT COMPLEX</b> U Serpentine/Peridotites</p> <p><b>PERMIAN CHILLIWACK GROUP ROCKS</b> 1 Limestones 2 Amphibolites/Hornfels (Cal-Silicates) 3 Argillites 4 Graywackes/Siltstones 5 Basic Volcanic Flows</p>	<p><b>JOINTING:</b> Vertical Horizontal</p> <p><b>Other Symbols:</b> Outcrop Cliff Strike/Dip Fault Thrust Fault Main Intrusive-Sedimentary Contact Contact - Observed Contact - Assumed</p>	<p><b>SAMPLE PROGRAM</b> ANOMALOUS ASSAY VALUES</p> <table border="0"> <tr> <td>•</td><td>0.004 oz/t</td> <td>◻</td><td>0.5 oz/t</td> <td>△</td><td>0.1%</td> </tr> <tr> <td>○</td><td>0.01 oz/t</td> <td>◻</td><td>1.00 oz/t</td> <td>△</td><td>1.0%</td> </tr> <tr> <td>○</td><td>0.1 oz/t</td> <td>◻</td><td>2.0 oz/t</td> <td>△</td><td>10.0%</td> </tr> </table>	•	0.004 oz/t	◻	0.5 oz/t	△	0.1%	○	0.01 oz/t	◻	1.00 oz/t	△	1.0%	○	0.1 oz/t	◻	2.0 oz/t	△	10.0%
•	0.004 oz/t	◻	0.5 oz/t	△	0.1%																
○	0.01 oz/t	◻	1.00 oz/t	△	1.0%																
○	0.1 oz/t	◻	2.0 oz/t	△	10.0%																

**McNELLEN RESOURCES, INC.**

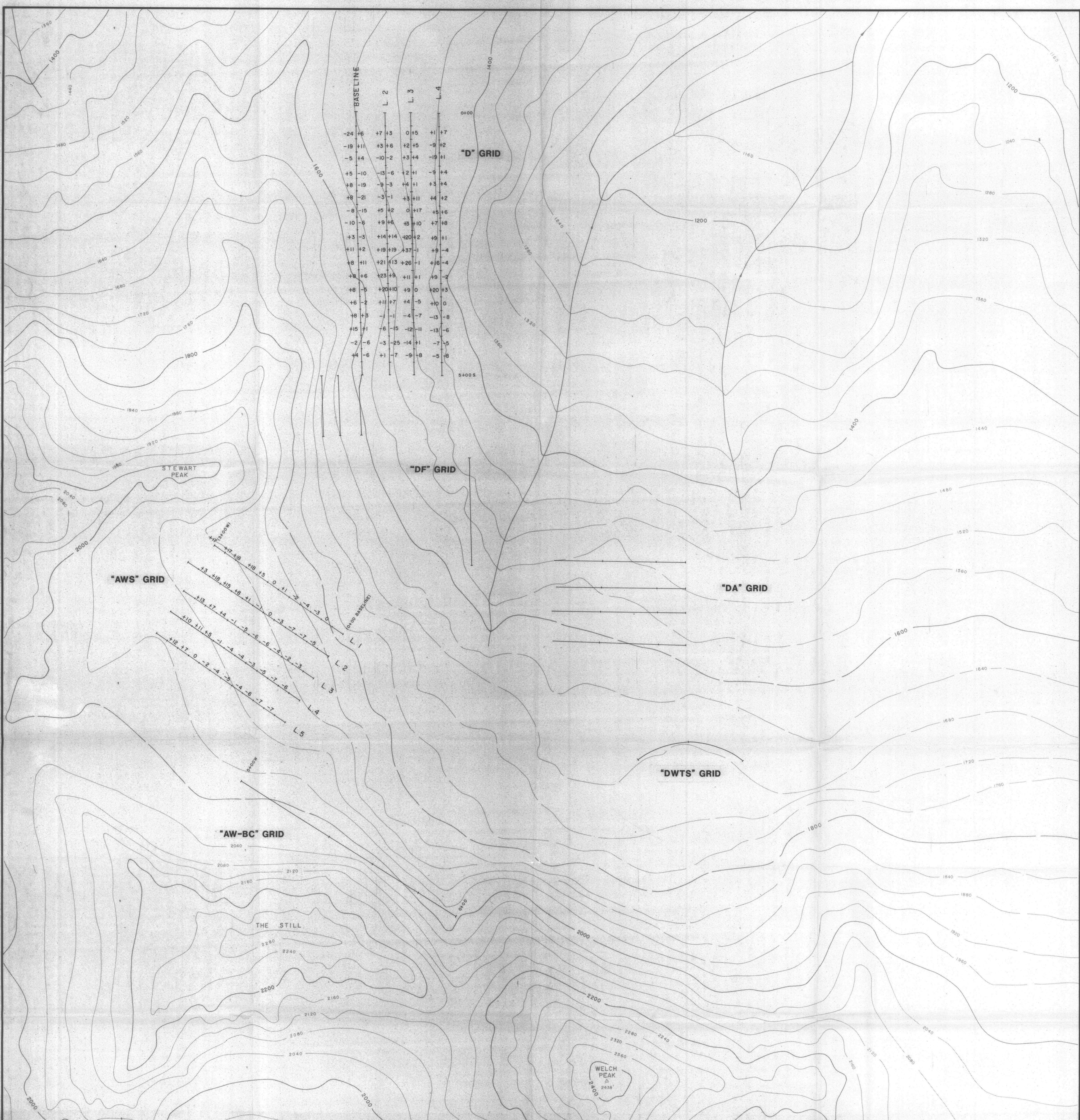
**RICO CLAIM GROUP**  
MT. FOLEY AREA  
New Westminster Mining Division, B.C.

SHEET 1  
**GEOLOGICAL COMPILATION MAP WITH  
MAGNETOMETER SURVEY & Au, Ag, Cu  
SAMPLE PROGRAM ANOMALOUS VALUES**

TERA EX GEOLOGICAL

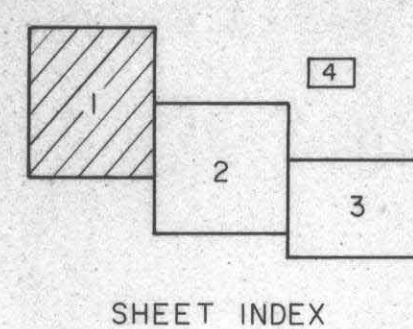
DRAWN BY: Geodroffing	CHECKED BY: T.S.	DATE: OCT. 1988	SCALE: 1:2,500	MAP No.:
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**LEGEND**

- Station #1 Seattle (top or left)
- Station #2 Hawaii (bottom or right)



Topographic contour interval 40 metres.

**McNELLEN RESOURCES, INC.**

**RICO CLAIM GROUP**

**MT. FOLEY AREA**

New Westminster Mining Division, B.C.

**SHEET 1**

**VLF-EM SURVEY**

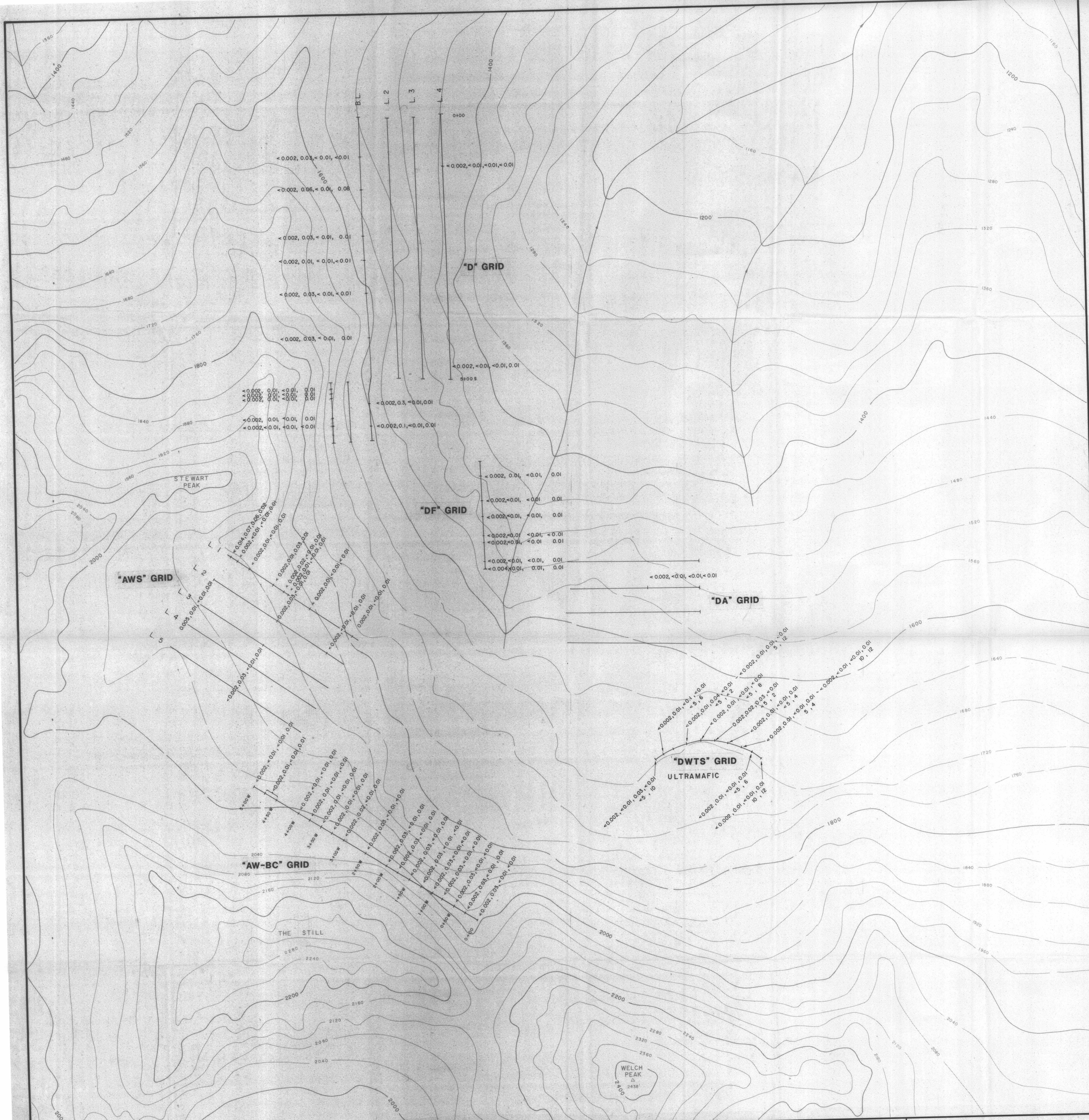
(FRASER FILTERED)

**TERA EX GEOLOGICAL**

DRAWN BY: T.S. CHECKED BY: T.S. DATE: OCT 1988 SCALE: 1:2,500 MAP No. 5

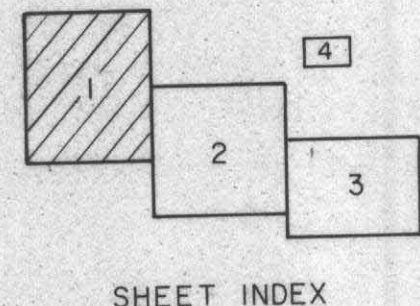
18,537



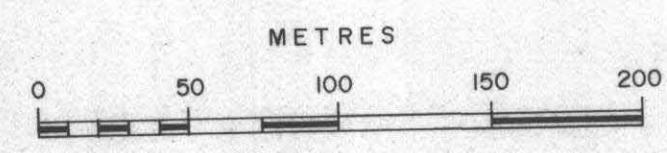


**LEGEND**

<0.002, 0.01, <0.1, <0.01 = Au (oz/t), Ag (oz/t), Cu (%), Zn (%),  
 <5, 6 Pt (ppb), Pd (ppb)



SHEET INDEX



Topographic contour interval 40 metres.

**McNELLEN RESOURCES, INC.**

**RICO CLAIM GROUP**

**MT. FOLEY AREA**

New Westminster Mining Division, B.C.

SHEET 1

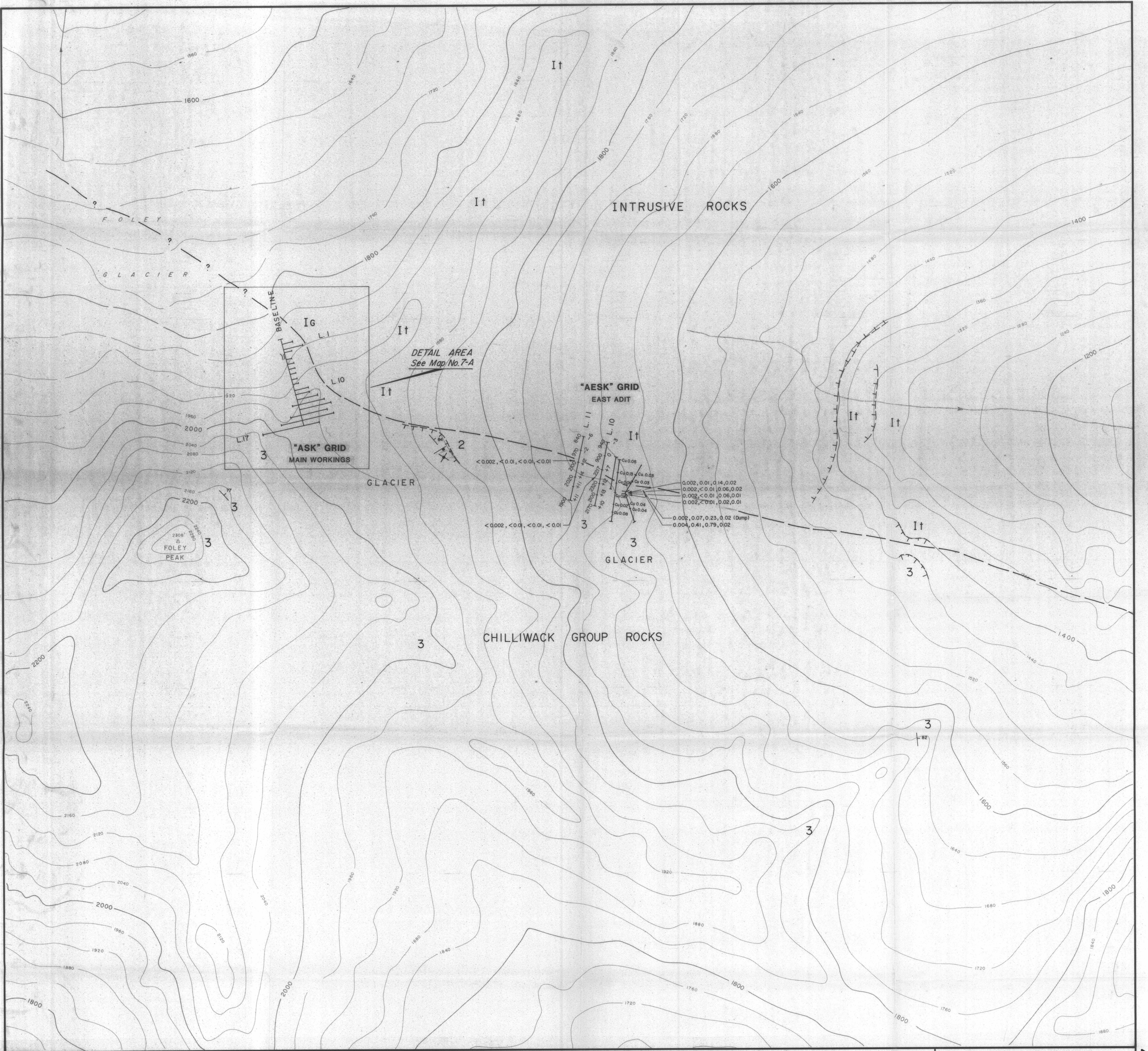
**ROCK SAMPLES PROGRAM**

TERA EX GEOLOGICAL

DRAWN BY: Gedraffing	CHECKED BY: T.S.	DATE: OCT. 1988	SCALE: 1:2,500	MAP No. 6
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18,537





ASSAY SEQUENCE  
Au oz/t, Ag oz/t, Cu %, Zn %

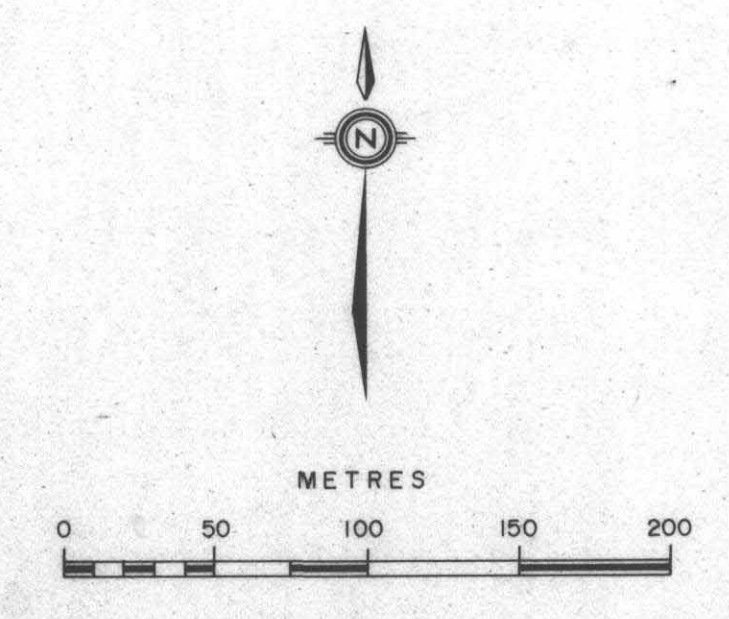
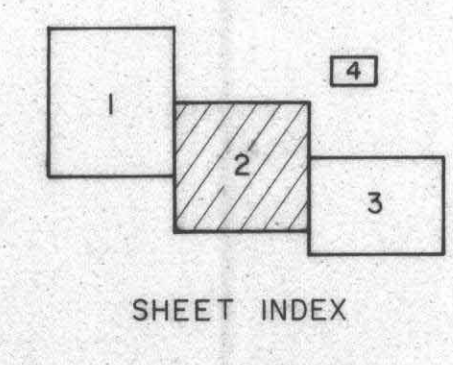
MAGNETOMETER SURVEY  
MP-2 (Proton)  
2020  
+17  
VLF-EM SURVEY

**GEOLOGICAL LEGEND**

**TERTIARY CHILLIWACK BATHOLITH**  
INTRUSIVE ROCKS  
 [11] Tonalites  
 [10] Granodiorite

**PERMIAN CHILLIWACK GROUP ROCKS**  
 [3] Argillites

Cliff  
 Strike/Dip  
 Jointing: Vertical Horizontal  
 Main Intrusive-Sedimentary Contact



Topographic contour interval 40 metres

**McNELLEN RESOURCES, INC.**

**RICO CLAIM GROUP**  
MT. FOLEY AREA  
New Westminster Mining Division, B.C.

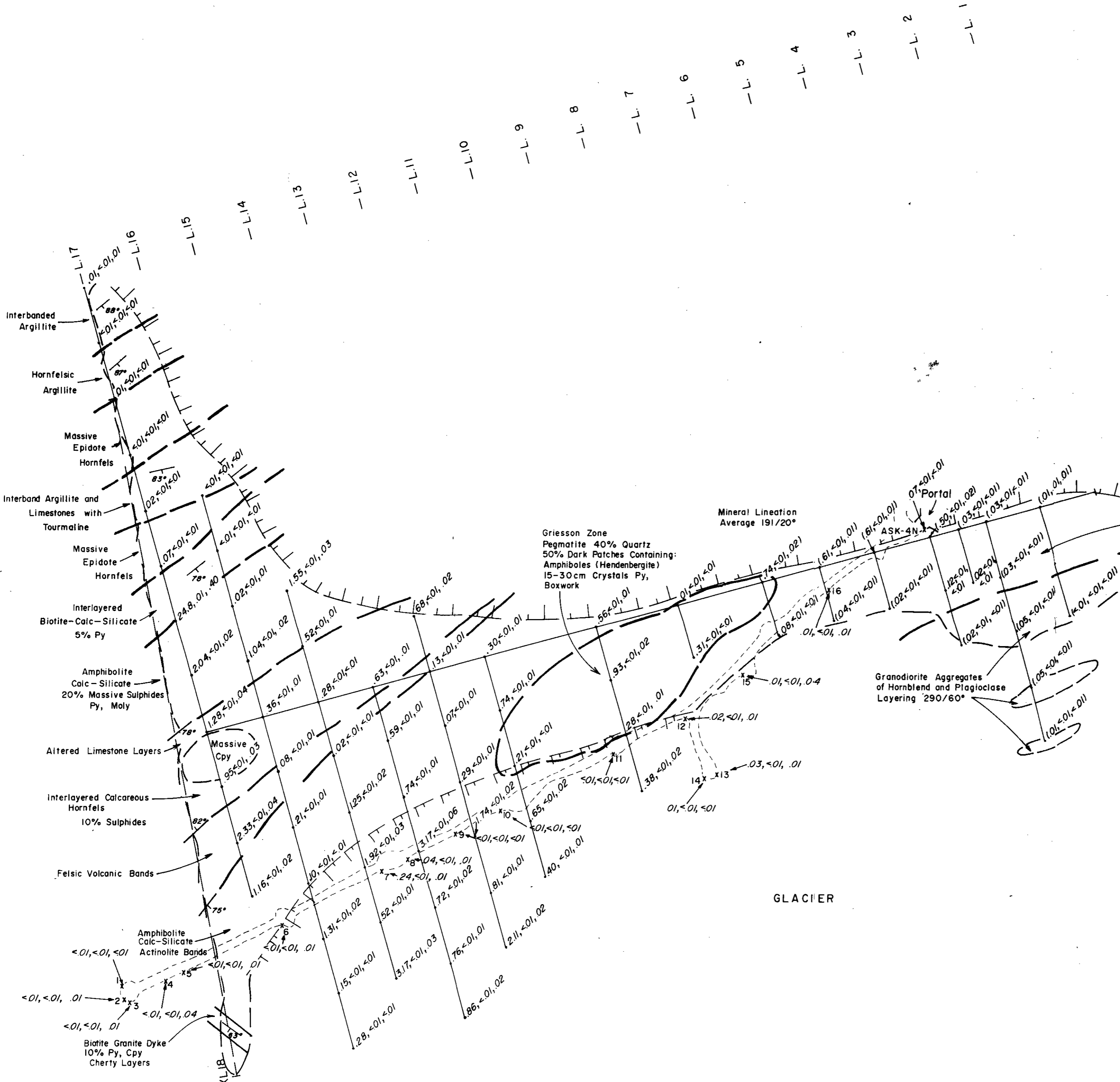
**SHEET 2**  
**GEOLOGICAL COMPILATION MAP**  
WITH VLF-EM AND MAGNETOMETER  
SURVEYS WITH SAMPLE PROGRAM  
HIGHLIGHTS

**TERA EX GEOLOGICAL**

DRAWN BY: T.S. CHECKED BY: T.S. DATE: OCT. 1988 SCALE: 1" = 2,500' MAP No. 7

18,537





- LEGEND**
- Sample Location on Surface
  - x 13 Underground Sample Location
  - - - Main Underground Workings
  - ⌋ Steep Cliff
  - .93, <math>\le 01, 02</math> Assays Cu %, Pb %, Zn %
  - Outcrop Boundary
  - ↗ Strike and Dip
  - Contact

**McNELLEN RESOURCES, INC.**

**RICO CLAIM GROUP**  
 MT. FOLEY AREA  
 New Westminster Mining Division, B. C.

**ASK ZONE SKARN**  
**SURFACE SAMPLES &**  
**MAIN WORKING - SUBSURFACE SAMPLES**

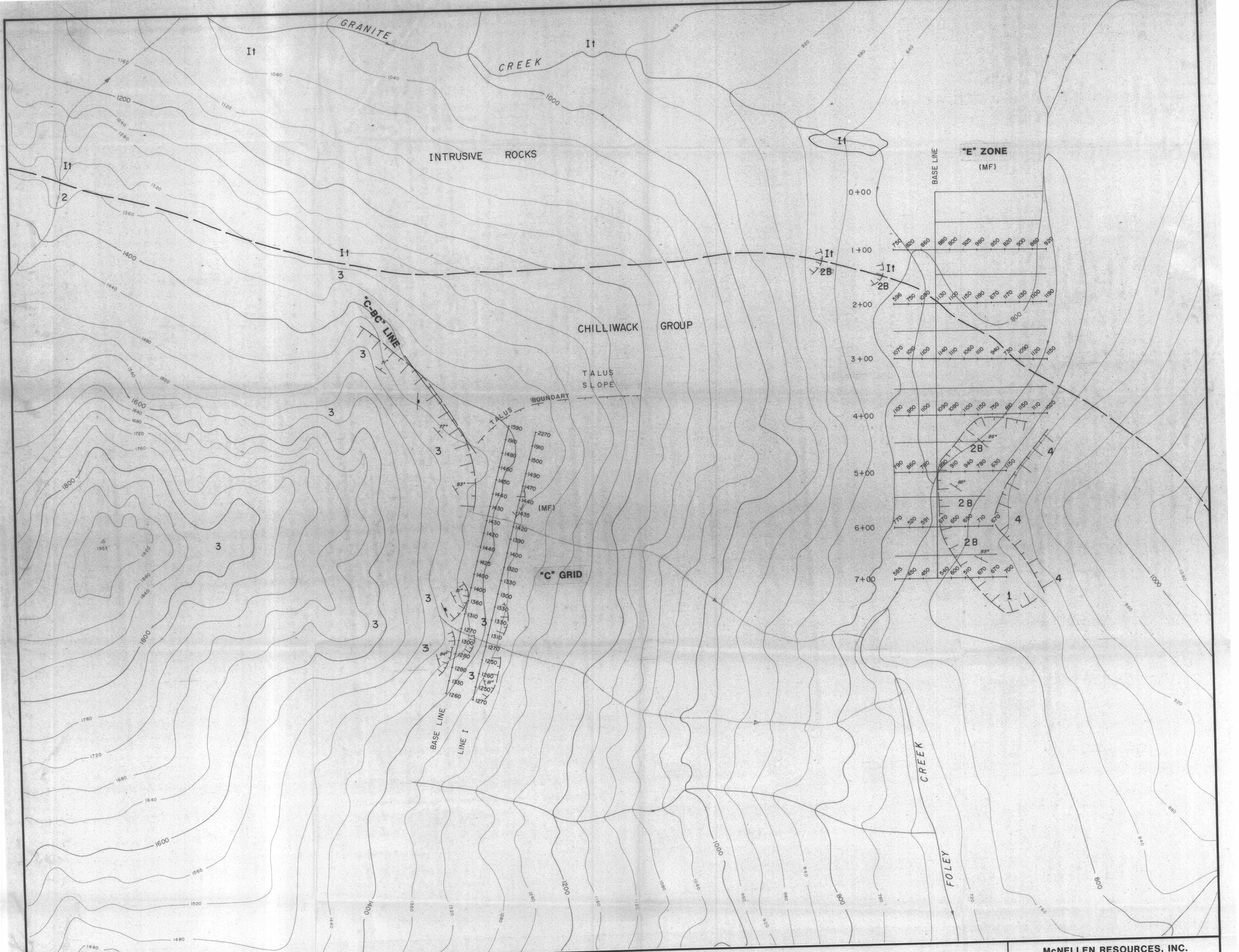
**TERA EX GEOLOGICAL**

DRAWN BY Geodrafting	CHECKED BY T.S.	DATE OCT, 1988	SCALE 1:500	MAP No. 7A
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18,537





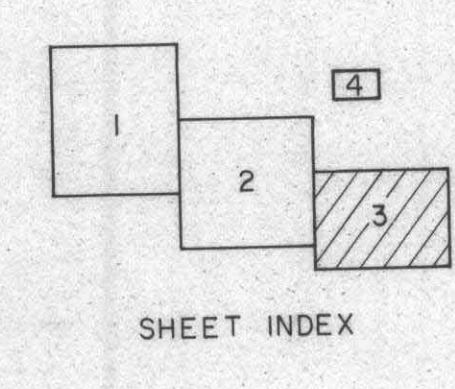
**MAGNETOMETER SURVEY**  
 MF-2 (FLUXGATE)  
 MP-2 (PROTON)

+ VALUES IN GAMMAS  
 MAGNETIC CONTOUR INTERVALS 100 GAMMAS

A magnetic base of 56,500 gammas has been subtracted from all values.

- GEOLOGICAL LEGEND**
- TERTIARY CHILLIWACK BATHOLITH**  
**INTRUSIVE ROCKS**  
 It Tonalites  
 Ig Granodiorite  
 Is Sills/Dykes
- ULTRAMAFIC ROCKS BASEMENT COMPLEX**  
 U Serpentine/Peridotites
- PERMIAN CHILLIWACK GROUP ROCKS**  
 1 Limestones  
 2 Amphibolites/Hornfels (Cal-Silicates)  
 3 Argillites  
 4 Graywackes/Siltstones  
 5 Basic Volcanic Flows

- JOINTING:**  
 Vertical  
 Horizontal
- Outcrop  
 Cliff  
 Strike/Dip  
 Fault  
 Thrust Fault  
 Main Intrusive-Sedimentary Contact  
 Contact - Observed  
 Contact - Assumed



Topographic contour interval 40 metres.

**SAMPLE PROGRAM**  
**ANOMALOUS ASSAY VALUES**

Au	Ag	Cu
0.004 oz/t	0.5 oz/t	0.1%
0.01 oz/t	1.00 oz/t	1.0%
0.1 oz/t	2.0 oz/t	10.0%

0 50 100 150 200 METRES

**McNELLEN RESOURCES, INC.**

**RICO CLAIM GROUP**  
 MT. FOLEY AREA  
 New Westminster Mining Division, B.C.

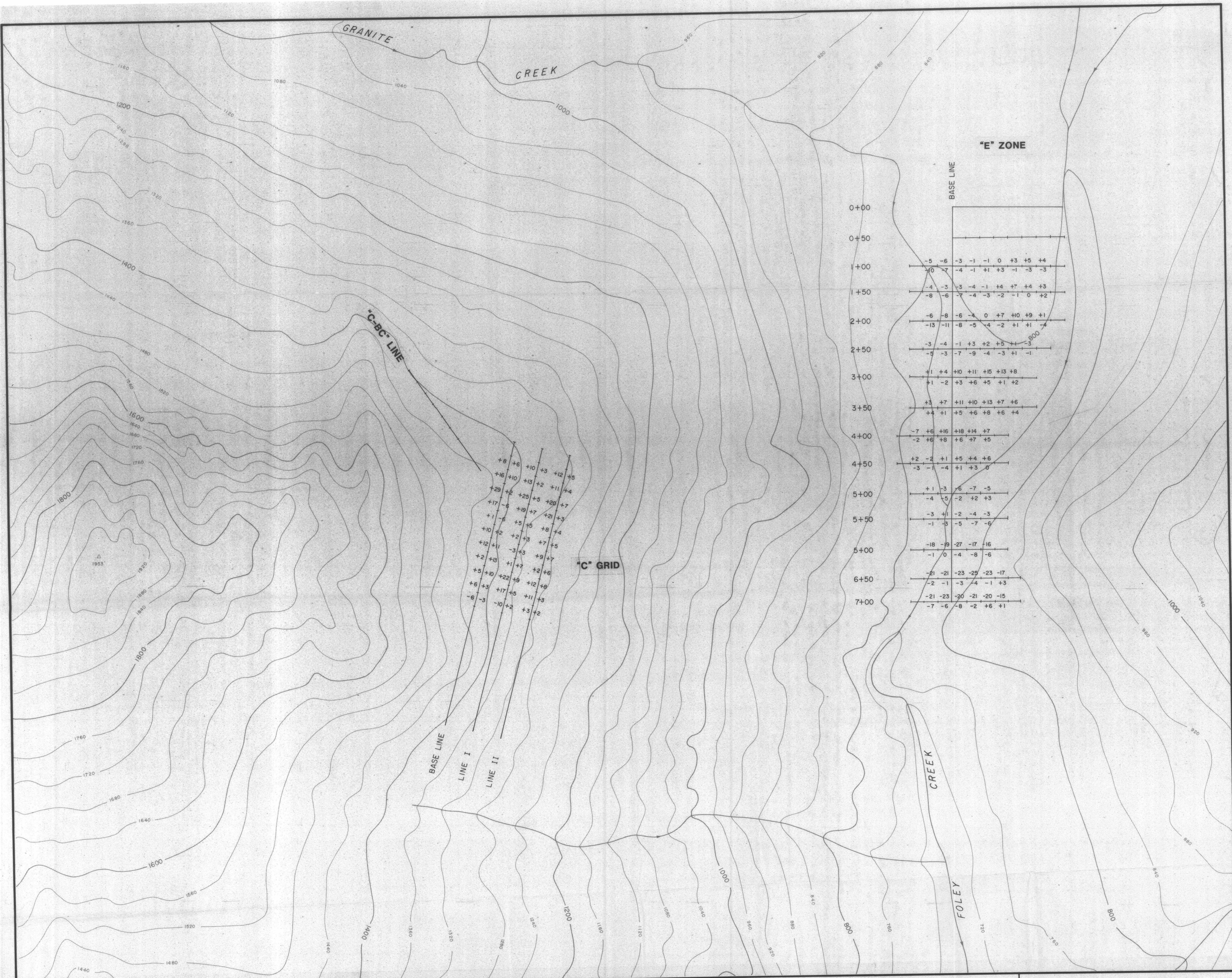
**SHEET 3**  
**GEOLOGICAL COMPILATION MAP WITH**  
**MAGNETOMETER SURVEY & Au, Ag, Cu**  
**SAMPLE PROGRAM ANOMALOUS VALUES**

**TERA EX GEOLOGICAL**

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"E" ZONE

0+00	
0+50	
1+00	-5 -6 -3 -1 -1 0 +3 +5 +4
1+50	-4 -3 -3 -4 -1 +4 +7 +4 +3
2+00	-6 -8 -6 -4 0 +7 +10 +9 +1
2+50	-3 -4 -1 +3 +2 +5 +1 -3
3+00	+1 +4 +10 +11 +15 +13 +8
3+50	+3 +7 +11 +10 +13 +7 +6
4+00	-7 +6 +16 +18 +14 +7
4+50	+2 -2 +1 +5 +4 +6
5+00	+1 -3 -6 -7 -5
5+50	-3 +1 -2 -4 -3
5+00	-18 -9 -27 -17 -16
6+50	-21 -21 -23 -25 -23 -17
7+00	-7 -6 -8 -2 +6 +1

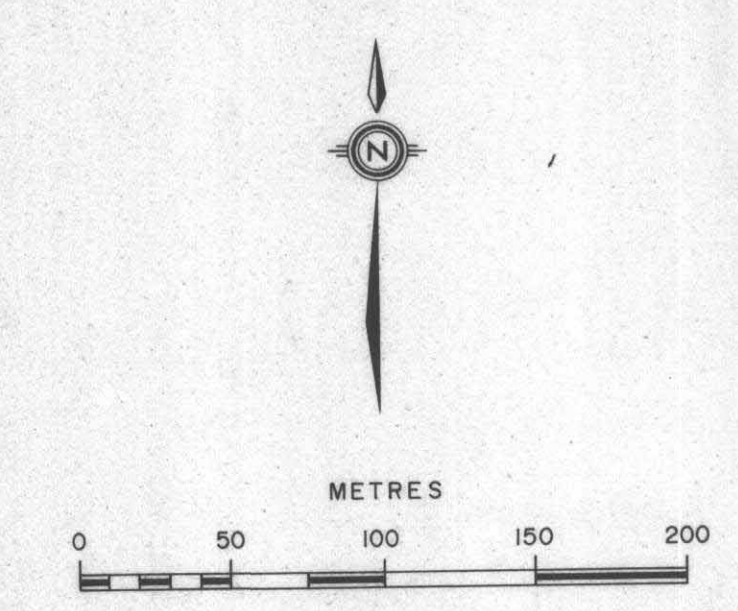
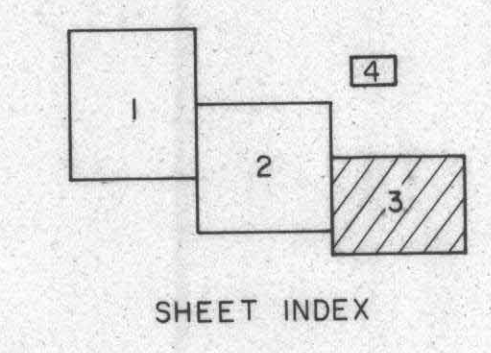
"C" GRID

+8	+6	+10	+3	+12	+5
+16	+10	+13	+2	+11	+4
+29	+2	+25	+5	+20	+7
+17	-6	+19	+7	+21	+3
+1	-5	+5	+5	+8	+4
+10	+2	+2	+3	+7	+5
+12	+11	-3	+3	+9	+7
+2	+3	+1	+7	+2	+6
+5	+10	+22	+9	+12	+9
+6	+3	+17	+5	+11	+3
-6	-3	-10	+2	+3	+2

**LEGEND**

+2 +29 Station #1 Seattle (top or left)

+3 +10 Station #2 Hawaii (bottom or right)



McNELLEN RESOURCES, INC.

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MT. FOLEY AREA

New Westminster Mining Division, B.C.

SHEET 3

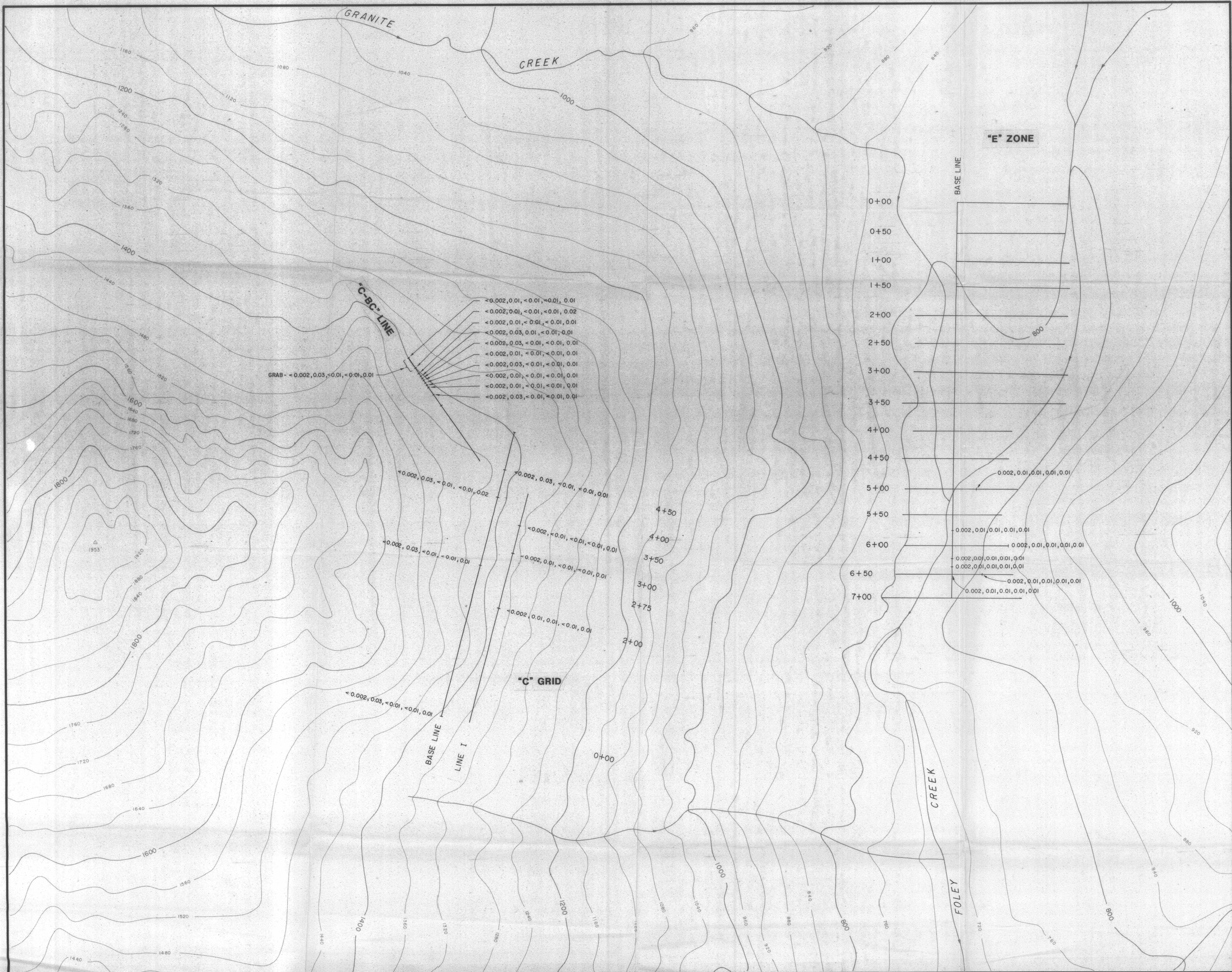
VLF-EM SURVEY  
(FRASER FILTERED)

TERA EX GEOLOGICAL

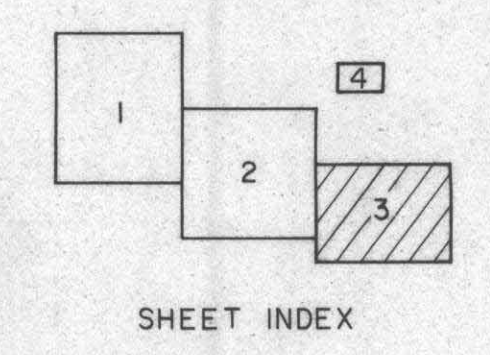
DRAWN BY: Geodrafting CHECKED BY: T.S. DATE: OCT. 1988 SCALE: 1 : 2,500 MAP No. 9

18.537

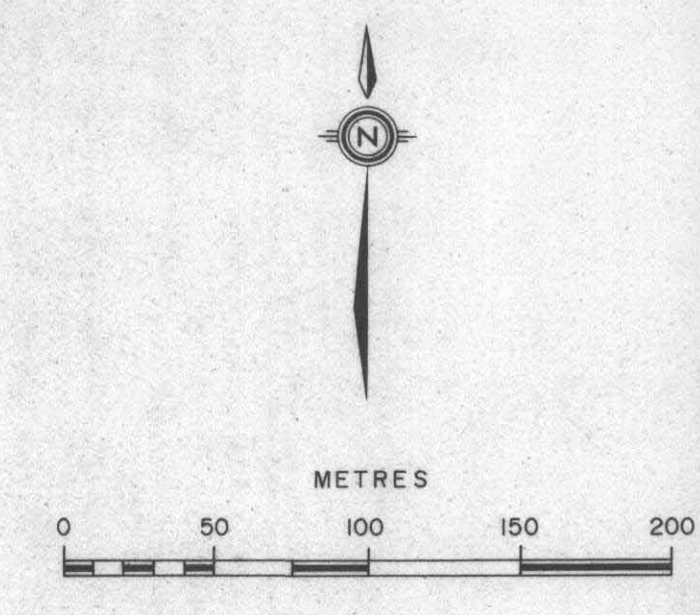




**LEGEND**  
 $< 0.002, 0.03, < 0.01, < 0.01, 0.01$  Au (oz/t), Ag (oz/t), Cu (%), Pb (%), Zn (%)



Topographic contour interval 40 metres.



18.537

<b>McNELLEN RESOURCES, INC.</b>				
<b>RICO CLAIM GROUP</b>				
MT. FOLEY AREA				
New Westminster Mining Division, B.C.				
SHEET 3				
<b>ROCK SAMPLE PROGRAM</b>				
TERA EX GEOLOGICAL				
DRAWN BY: Geodrafting	CHECKED BY: T.S.	DATE: OCT 1988	SCALE: 1:2,500	MAP No. 10