

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 89.02.23

ASSESSMENT REPORT 16967

MINING DIVISION: Slocan

PROPERTY: Eureka  
LOCATION: LAT 50 02 30 LONG 117 41 00  
UTM 11 5543268 451068  
NTS 082K04E

CLAIM(S): Eureka, Mineral Lease 385

OPERATOR(S): Meadow Mountain Res.

AUTHOR(S): Ainsworth, B.

REPORT YEAR: 1988, 61 Pages

COMMODITIES

SEARCHED FOR: Gold, Silver, Lead, Zinc

GEOLOGICAL

SUMMARY: Metasedimentary and metavolcanic rocks of Mesozoic Slocan Group are intruded by quartz monzonite of the Halifax stock. Narrow quartz veins with galena, sphalerite, silver and gold values occur in the metasedimentary rocks.

WORK  
DONE: Geochemical, Geophysical  
EMGR 6.0 km; VLF  
MAGG 6.0 km  
SOIL 265 sample(s) ; PB, ZN, AG, AS, AU, W

FILE: 082KSW054

LOG NO: 0225	RD.
ACTION: 2/89	
FILE NO:	
LOG NO: 0720	RD. 1
ACTION: Date report received back from amendments.	
FILE NO:	

Geochemical and Geophysical  
Report

Eureka and Chieftain Claims  
of  
Western Canadian Land Corp.

for

Meadow Mountain Resources Ltd.

Slocan Mining Division, B.C.

NTS 82/F/13, 82/K/4

FILMED

by

Ainsworth-Jenkins Holdings Inc.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,967

B. AINSWORTH

JANUARY 1988

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## 1. SUMMARY

Meadow Mountain Resources Ltd has entered into an option agreement with Golden Pyramid Resources Inc to acquire 50% of the 60% interest Golden Pyramid Resources is obtaining from Western Canadian Land Corporation in mineral properties located near Nakusp, B.C. The properties are located around the Tillicum Mountain gold prospects of Esperanza Explorations Ltd, where high grade gold mineralization was first discovered in 1981.

The area of the claims is centered on an old placer mining and lode mining camp that was active at the turn of the century and in the Depression years. The 1981 discovery renewed interest in the area, and, after extensive surface and underground exploration, Esperanza Explorations are planning for production to commence in 1988.

Gold mineralization on Tillicum Mountain occurs as an erratic high grade distribution of values in silicified sedimentary and volcanic rocks in a skarn environment. The mineralization includes some base metal sulphides, arsenic, silver and tungsten minerals. Combined proven and indicated reserves are 200,000 tonnes with a grade in the order of 0.8 oz/s.ton of gold. An adjacent area, the East Ridge gold deposit has an indicated reserve of 5 million tons averaging 0.05 oz/s.ton of gold. Recent work on the Strebe showings located two miles East of the original Heino-Money discovery, has resulted in drill intersections of 30 feet in length with gold values from 0.12 to 0.3 oz/s.ton gold.

The claims and mineral leases subject to the Meadow Mountain - Golden Pyramid option agreement cover some areas with potential for a similar style of mineralization and also include several precious metal quartz vein showings that were explored and exploited in a minor way during the two earlier periods of activity in the region. A package of intermediate to acid volcanics, with anomalous base metal values, underlying some of the claims should be considered a possible environment for massive sulphide mineralization.

More recent work on the claims was carried out by Ivor Watson and associates in 1982 and 1983, and in 1984 by Falconbridge Ltd who optioned the claims from Nakusp Resources Ltd, the predecessor company to Western Canadian Land Corporation. Geochemistry, geophysics, geology and diamond drilling were applied in selected areas of the claims. This work confirmed the occurrence of precious metal bearing veins but did not identify any economic reserves. The geological mapping of this generation of work confirmed the potential for the occurrence of skarn environments similar to that hosting mineralization on Tillicum Mountain. Drill core samples indicated anomalous base and pre-

cious metal values in part of the intermediate to acid volcanic suite of rocks in the Tyee creek area of the claims.

A short program of geochemical and geophysical surveys was carried out in the period 30th October 1987 to 30th November 1987. The objective of this work was to amplify some of the grids explored by the earlier workers in order to determine if there might be any valid targets for further work on the claims. Concordant geochemical and geophysical anomalies do indicate potential for mineralization of economic importance on the grids. A work program comprising back-hoe trenching and sampling and rehabilitation of two old drifts is recommended.

## 2. INTRODUCTION

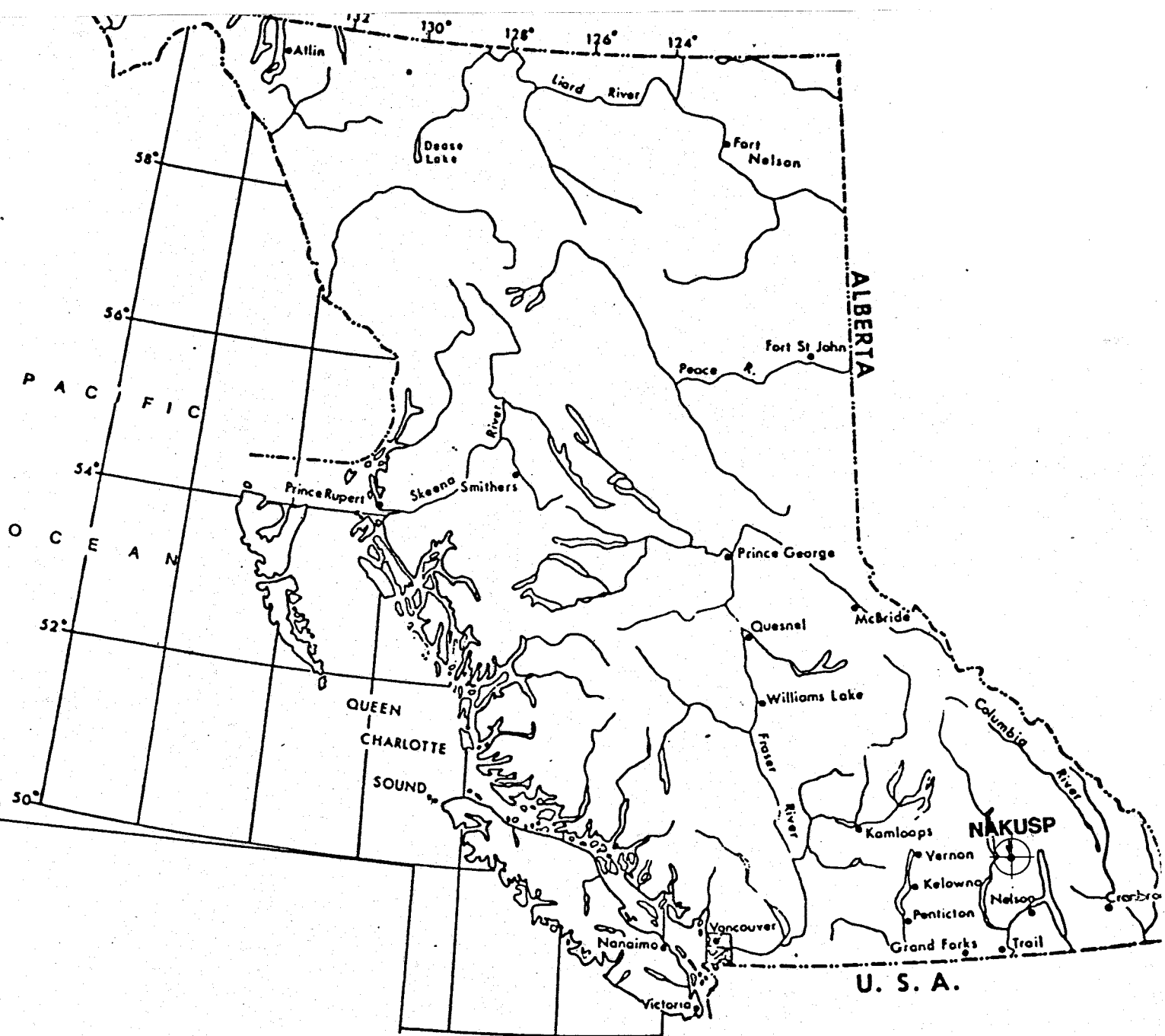
Meadow Mountain Resources Ltd. has an option to acquire a 50% interest in the 60% interest that Golden Pyramid Resources may earn in 34 claims and 4 mineral leases held by Western Canadian Land Corporation. Western Canadian Land Corporation is the successor company to Nakusp Resources Ltd that caused work on the property to be carried out in the period 1982 to 1985.

This report reviews the earlier work and discusses the results of programs carried out in the period 30th September and 30th October, 1987. This report is based on a personal examination of the subject property and a complete review of the new data generated by those programs.

## 3. The Property

The property subject to the option agreement with Golden Pyramid Resources Inc. include 34 mineral claims with a total of 263 units and 4 mineral leases with a total of 26 units. There are two recorded owners of the claims, Western Canadian Land Corporation is the beneficial owner of 23 claims and 3 mineral leases, and Chieftain Resources Ltd is the beneficial owner of 15 claims and 1 mineral lease.

This report describes work carried out on the Eureka 1781 claim, the Eureka Grid, and Mineral Lease #385, which includes the Chieftain Crown Grant on and around which the Chieftain Grid was established.



**INDEX MAP**

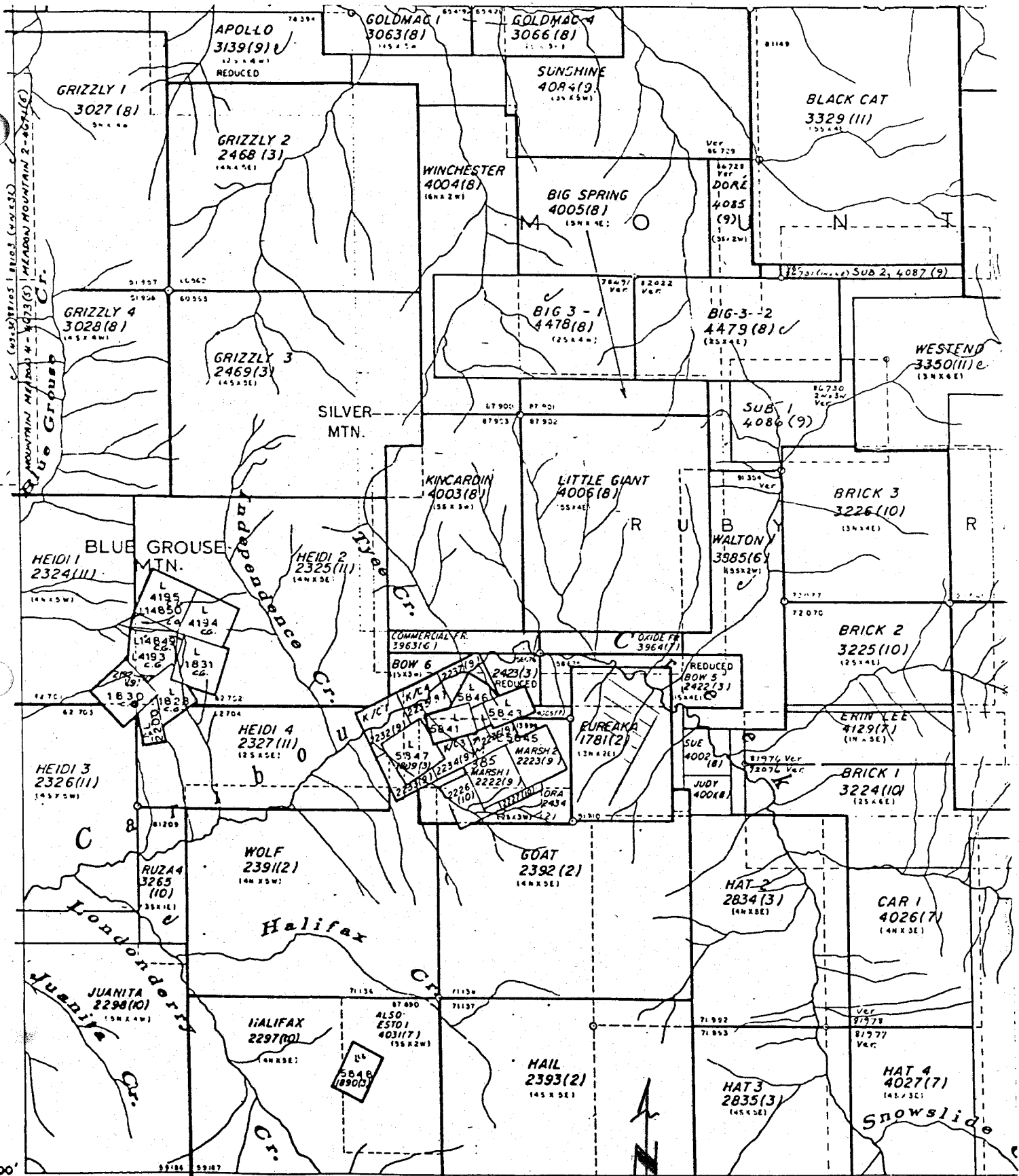
**BRITISH COLUMBIA**



**SCALE 1: 7 500 000**



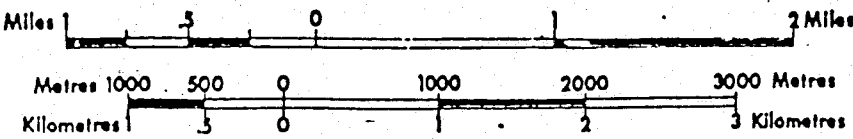




117°45' SLOCAN MINING DIVISION 1 TO SOUTH SEE MAP 82F

# CLAIM MAP 82K/4E(M)

Province of British Columbia  
Ministry of Energy, Mines and Petroleum Resources



UNLESS VERIFIED OR SURVEYED, THE MAP POSITION OF A LEGAL CORNER POST IS BASED ON THE LOCATOR'S SKETCH. FOR FURTHER INFORMATION, APPLY TO THE OFFICE OF THE MINING DIVISION CONCERNED.

DATE OF MICROFILM: 26 Feb 1987

#### 4. Location and Access

The Nakusp option is located 20 air kilometers South of Nakusp in the Valhalla Range of the Selkirk Mountains in S.E. British Columbia. The claims lie on the NTS maps 82/K/4 and 82/F/13 and are centered on the approximate coordinates of:  
Latitude 50° 04' N : Longitude 117° 41' W

The claims are in the Slocan Mining division.

Access to the property is via paved highway to Burton B.C. and thence by active and inactive logging haul roads up the Caribou Creek Valley. Alternate access from the East may be obtained by good logging roads from Hills Siding on Highway 6, 29 kilometers S.E. of Nakusp. Active logging roads used by Slocan Forest Products extend along Shannon creek and onto the East claims of the property. Access to the North central part of the claims is via Slewiskin creek but the roads along that valley are deteriorating and need maintenance.

Helicopter support for the alpine reaches of the property is available from bases in Nakusp, Nelson and Revelstoke.

The property covers approximately 8000 hectares of mountainous terrain with elevations ranging from 1100m to 2400m. Treeline extends up to 2200m, above which there are open alpine meadows. Forest cover of fir, cedar, hemlock and spruce combined with slide alder and Devils Club indicates a high rainfall, cool temperate climate.

Valley sides are steep in the area but outcrop is generally restricted to the road cuts and creek beds. The overburden on the valley slopes includes colluvium, glacial till and water-lain sand lenses.

The area has a tradition of mineral exploration and exploitation and Esperanza Explorations Ltd is planning to commence production in October 1988 on its Tillicum Mountain gold deposit, which lies 4 kms South of the central part of the Nakusp Option claims. The main industries in the area are logging and forest products, tourism and government services. The immediate area of the claims is not of special or significant scenic value but current norms of environmental regulation will apply in any operations.

Road access is adequate for exploration purposes but some construction may be needed to reach an eventual mine site. The start-up of operations at the Tillicum project might allow the possibility for custom milling of mineral from the property.

A high tension power line passes down the East side of Arrow Lake past Burton, approximately 15 kms from the centre of the property. Water supply from Caribou Creek would be adequate

for a small to medium sized mill. The creek does support a population of game fish and appropriate measures would be required to avoid damage to this resource.

## 5. History of Property

The Caribou Creek valley has been the site of exploration and exploitation activity since the late 1800's. Placer mining was carried out in the valley gravels and some silver-gold hard rock mining resulted in rawhide shipments to nearby plants. A number of adits occur on the claims, some of which are still accessible.

In 1981, a high-grade gold discovery was made on Tillicum Mountain, approximately 4 kilometers South of the central portion of the Nakusp Option claims. This discovery started a staking rush in the area and a renewal of exploration activity. Esperanza Explorations claim proven and indicated reserves to total 120,000 ounces of gold.

The Tillicum deposit is an erratic high-grade skarn deposit. The host rocks are sediments and volcanics that have undergone metasomatism due to younger porphyry intrusions that may have contributed the gold to the system. The gold is associated with pyrite and pyrrhotite and base metal sulphides, such as galena, sphalerite and chalcopyrite. Scheelite is reported in the skarn as widespread but of little economic significance.

The claims of the Nakusp Option have been mapped geologically in the period 1982 to 1985 and this work identified some areas with potential for similar skarn developments as those seen on Tillicum Mountain. In addition some mineralized quartz veins were located in old adits that might have potential for development of small tonnages of high-grade ores.

A reconnaissance exploration program was conducted by I.M. Watson and Associates. Work included airborne magnetometer/E.M., contour and grid soil geochemistry (Watson 1983, 1984). Several areas of interest were outlined by this work and these formed the basis for the exploration program by Falconbridge Limited in 1984.

Falconbridge conducted further soil sampling programs on the Tyee-Caribou, Chieftain and Little Giant areas. A drill program of 10 short holes for a total of 649 meters was carried out in an area of anomalous soils on the Tyee-Caribou grid (Hicks 1985). The recommendations of the Falconbridge report included drill testing Chieftain vein systems but this work was not carried out.

Following a review of the available reports and maps, it was decided by Meadow Mountain Resources Ltd to undertake an

initial program of geochemical and geophysical surveys to assess the areas of known mineralization further. The data from this worked is discussed later in this report.

The known mineralization on Tillicum Mountain is erratic in its distribution and has restricted geometry. Previous work has identified some potential for similar skarn development along the contacts of the intrusives in the property. Vein mineralization on the property has similar restricted geometry and small tonnages of mineral may be developed in these for shipping to a nearby custom mill. The work by Falconbridge identified a contact between a tuffaceous andesite and a fine grained argillite on the Tyee-Caribou grid as a zone with anomalous gold and base metal values. This contact has not been tested for electrical conductors as may be caused by a massive sulphide deposit.

## 6. Geology

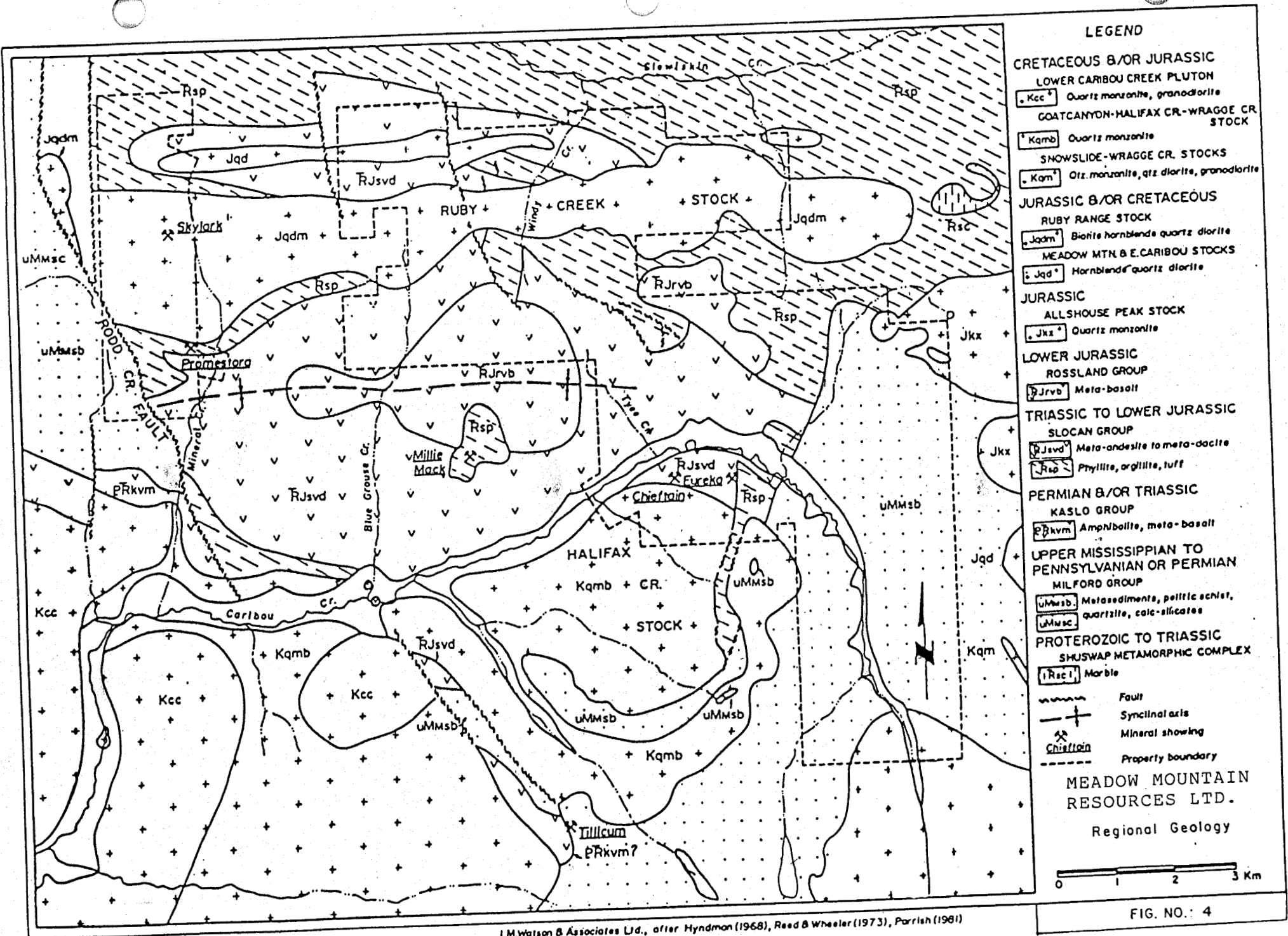
### Regional Geology:

The Nakusp map area is underlain mainly by metasediments and metavolcanics bordered on the N.E. by the Kuskanax batholith and to the South by a mass of Nelson Granite. Hyndman (1968) describes three episodes of folding in the area; the first phase is represented by tight isoclinal folds seen in the high grade metamorphic rocks of the Saddle and Scalping Knife Mountains. The second phase folding deforms lower grade metamorphic rocks into a large E.S.E. trending recumbent fold, open to the S.W. as described by Hedley (1952) and referred to as the Slocan Synclinorium. The Slocan structure is truncated on the West by the Rodd Creek fault that strikes NNW-SSE across the West side of the Cam claims. The youngest fold episode is coplanar to both earlier phases and deforms them. The regional metamorphic grade increases South of the Slocan Synclinorium to a sillimanite grade in the Valhalla Dome.

### Property Geology:

The property is underlain by metasediments and metavolcanics of Proterozoic? to Lower Jurassic age that have been intruded by intermediate to acid rocks of Jura-Cretaceous age. The structural grain of the property is dominated by E-W intrusive axes and NNW-SSE fault systems.

The oldest rocks include the Upper Mississippian to Permian metasediments of the Milford Group. This group consists of pelitic schists, calc-silicates, and quartzites and is considered in part a host for the Tillicum Mountain mineralization. Permo-Triassic Kaslo Group volcanics overlying the Milford Group may also be part of the complex package of rocks that host the Tillicum mineralization. Milford Group rocks extend across the Brick, Car, and Hat claims on the East side of the property.



I.M. Watson & Associates Ltd., after Hyndman (1968), Reed & Wheeler (1973), Parrish (1981)

FIG. NO.: 4

Triassic to Lower Jurassic metasediments and volcanics of the Slocan Group lie along the North and NE edge of the property. The metasediments of this group are phyllites and graphitic argillites and tuffs; the metavolcanics are a package of intermediate to acid rocks. The mapped contact between the Slocan Group and the Milford Group follows a NNE-SSW linear that is identified as a fault in the upper reaches of Halifax Creek. The Slocan Group is an important host for the precious metal bearing quartz veins such as the Promestora, the Chieftain, and the Eureka veins.

The older intrusives in the property area are the Meadow Mountain and Ruby Range stocks that intrude the metasediments of the Slocan Group. These stocks are hornblende quartz diorite and biotite hornblende quartz diorite. Both stocks have very elongated E-W axes and lie to the North of the property. These intrusives are assigned Jurassic age but may be younger.

Cretaceous quartz monzonites, the Halifax Creek Stock and the Lower Caribou Creek Pluton lie to the South of the property. These intrusives have an important relationship with the development of the skarn rocks that host the Tillicum Mountain mineralization. Earlier mapping indicates that a similar contact environment occurs on the S.E. corner of the Eureka claim of the property.

Structural features of the Property are dominated by the NNW-SSE breaks of the Rodd Creek fault and strong linears such as Londonderry Creek, Tye Creek and the upper reaches of Caribou Creek. The distribution of E-W elongated intrusive stocks such as the Ruby Creek and Meadow Mountain Stocks and an E-W syncline in the Slocan Group volcanics North of Caribou Creek indicate an important earlier structural regime. The NNE-SSW contact of the Milford group with the Slocan group may represent a third major axis in the area. The Tillicum Mountain mineralization is located close to the intersection of the southerly extension of the Rodd Creek fault and the projection SSW of this contact. A similar intersection of structures occurs in S.E. corner of the Eureka claim.

## 7. Mineralization

### Old Workings:

The Nakusp property has six adits known to carry gold silver mineralization within small irregular quartz veins. The Skylark, the Promestora and Upper and Lower Chieftain Adits were sampled in detail in 1984 (Hicks, 1985). The results indicate the occurrence of high grade pods of gold - silver mineralization. The Skylark vein is a shallow dipping body emplaced in quartz monzonite of the Ruby Range Stock. The vein pinches and swells, having a maximum width in trench and adit exposures of ap-

proximately one meter.

The Promestora and Chieftain veins cross-cut graphitic argillites and carbonates of the Slocan Group. The veins both pinch and swell, with maximum widths of 50 cms and 1 meter respectively.

The distribution of values indicated in the attached copies of sample plans resulting from the Falconbridge Limited work indicate some possibility of developing small tonnages of high grade mineral.

Prospecting by B.Ainsworth during the 1987 work program resulted in the rediscovery of two adits in a canyon in the S.E. corner of the Eureka Claim which had dumps of quartz vein material with galena and sphalerite. A grab sample of this vein material ran 21.00 oz/ton Ag and 0.23 oz/ton Au.

## 8. 1987 Work Program

A program of soil sampling and magnetometer and EM surveys was carried out on Mineral Lease #385 which is surrounded by the K/C #1 - #6 claims, and on the Eureka 1781 claim in 1987 by Meadow Mountain Resources Ltd. The program was undertaken by three field technicians under the supervision of B.Ainsworth P.Eng and D.M.Jenkins F.G.A.C.

Grids were established, using hip-chain and Brunton compass. In the area of the Chieftain adits, stations were marked with plastic flagging along lines 100 meters apart using a 10 meter sample station interval. Geochemical soil samples were collected on the same grid at 20 meter intervals. In the area of the Eureka 1781 claim the grid lines were located 100 meters apart with geophysical stations at 12.5 meters and geochemical sample stations at 25 meters.

### 8.1. Geochemistry:

#### Field Methods:

Soil sampling was carried out on grids established by hip-chain and Brunton compass. Slope corrections were made in order to maintain a rectilinear grid. Samples were collected from "B" horizon soils where possible, using a large mattock to make the sample hole and a plastic spoon for taking the sample to place in standard kraft paper bags. The samples were air dried before shipping to Min-En Laboratories in Vancouver, B.C.

#### Analytical Methods:

Samples were processed by standard procedures, screening to -80 mesh after drying. Samples for lead, zinc and silver were dissolved with a multiple acid digestion and analyzed by atomic absorption spectrometry (AAS); arsenic was analyzed by generation of arsine gas and subsequent AAS; gold, after dissolution in aqua regia and complexing with MIBK reagent, was analyzed by AAS; tungsten was analyzed by a standard colorimetric

method after fusion.

The results of these analyses were transmitted on floppy disc for data processing by J.M.Thornton.

#### Results:

##### 1/ Chieftain Grid:

Line 20000N was sampled to establish a check on values indicated in the Falconbridge work and to link the two generations of analyses. The adit at 20000N -20000E lies within a coherent zinc - silver anomaly that extends approximately 250 meters southwards and upslope from the known mineralization. This same anomaly extends over 500 meters N.W-S.E. which may reflect smearing by glacial transportation along the valley side.

A poorly defined gold anomaly occurs N. of the Falconbridge grid area, well separated from the silver - zinc anomaly. The gold anomaly is supported by a strong arsenic anomaly in the same area.

##### 2/ Eureka Grid:

This grid was incompletely sampled owing to extremely steep terrain making access dangerous during the freeze-up period and because some sample sites had poor soil development on talus. A concordant silver - lead - zinc anomaly occurs on line 700W at 800N to 1000N and is open to the North. A gold anomaly occurs on line 600W which is partly supported by some anomalous tungsten values. A single high tungsten value on the edge of the creek is not supported by any other metal value and is considered a curiosity only at this time.

The creek follows, in part, a shear zone that carries quartz veining with silver and gold values. The soils geochemistry data does not indicate that such mineralization extends much beyond the shear zone.

## 8.2. Geophysical Survey:

### Procedures and Methods:

Ground magnetometer and VLF surveys were carried out using an IGS-2 system manufactured by Scintrex Ltd. This instrument is a micro-computer based system containing two modules that are carried in the field; one to measure the earth's total magnetic field; the other to measure the VLF signal from up to 3 VLF transmitting stations. On this project the equipment was programmed to receive the signals from Seattle (24.8 khz), Cutler (24.0 khz), and Hawaii (23.4 khz). Bearings to the the VLF transmitters at Seattle and Hawaii are nearly the same for this project site, so the data from the two stations can be used inter-changeably.

Data is stored internally in the system's memory along with the grid location (line and station) and the time. Up to 16



km of magnetic and VLF data can be stored at one time.

A Scintrex recording base station was employed to monitor the earth's diurnal field at a 60 second interval throughout the day. Diurnal variations were removed from the field data on a daily basis, by programs included in the base station and field units. Magnetic results are thus corrected to approximately  $\pm 2$  nT.

Data was transferred to a portable computer for further processing and storage. In order to remove some of the topographic influence from the VLF data, the In-phase data was subjected to Fraser filtering. This treatment enhances the quickly changing part of the VLF In-phase signal and attenuates the slowly changing topographically induced part. Filtering also converts "crossovers" to peaks, which can then be contoured.

Filtering is accomplished by first re-sampling or interpolating the data at a 15 meter interval, in order to get the optimum response from the filter. This process does not alter the data appreciably, especially data gathered at 12.5 - 20 meter intervals. The resulting 15 meter data is then processed four readings at a time to produce the filtered data.

$$F_1 = (D_1 - 2 + D_{1-1}) - (D_1 + D_{1+1})$$

$F_1$  is located at the midpoint of the four adjacent readings. This process tends to smooth or smother weak responses, and is therefore usually presented with data plots of raw VLF profiles of In-phase and quadrature.

#### Results:

##### 1/ Chieftain Grid:

3.85 kms of line were completed with sample stations at 10 meter intervals on lines 100 meters apart. Bearings to the VLF stations at Seattle and Hawaii are nearly the same and the data from the two stations can be used interchangeably.

A contact feature extends from 19950N on Line 20100E to 19850N on line 20600E. Weak semi-continuous magnetic linears extend across the grid roughly parallel to this main magnetic feature. Rocks to the North are essentially non-magnetic; an isolated magnetic anomaly on line 20100E at 20250N may reflect a small lens but is not continued on adjacent lines.

The VLF conductors lie mostly to the South of the magnetic contact feature. These may be attributed to graphitic argillites mapped in the area. Fraser filter data indicates strong conductors trending E-W cutting across geology at a shallow angle.

Several of the weaker anomalies have a magnetic expression as well, marked as 'M' on the Fraser filter profile map. These anomalies may be due to concentrations of pyrrhotite, converted from pyrite during alteration. There is a Southern limit to the graphitic phase of the argillaceous shales at the magnetic contact on line 20500E and 20600E.

## 2/ Eureka Grid:

The magnetic data suggests igneous rocks in the N.E. sector of the survey area. A moderate magnetic anomaly is seen on lines 7+00S and 8+00S. The sharp anomaly at the East end of line 8+00S may be due to a mineralized lens or shear zone very near surface. A weak magnetic linear is associated with the creek bed.

The VLF data was too noisy to permit complete processing, but some features are recoverable. A strong broad anomaly can be seen on line 5+00S and is associated with an increase in Horizontal Field Strength (HFS). An anomaly seen on line 8+00S may extend to line 7+00S, since a weak HFS and quadrature response is noted just East of the strong magnetic anomaly. The termination of lines approaching the creek indicate some increase in conductivity which may be reflecting the shear zone in the creek.

## 9. Synthesis of Geochemical and Geophysical Results:

### 1/ Chieftain Grid:

The silver zinc anomaly centered on the Falconbridge grid has a strong S.E-N.W. VLF/Magnetometer signal associated with it. The anomaly is over 500 meters long and open ended towards the N.W.

A weak but distinct gold arsenic soils anomaly on the North edge of the grid is sub-parallel to a VLF anomaly and is centered on a small strong magnetic anomaly.

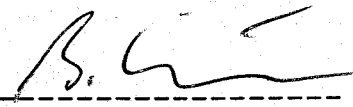
### 2/ Eureka Grid:

The gold geochemical anomaly in soils on line 600W is reflected by a weak in-phase VLF anomaly that is very much stronger on line 500W; further evaluation of the area is required. The silver lead zinc soils anomaly on lines 800W and 700W is concordant with two well defined magnetometer and VLF anomalies. The area of the creek and the canyon was not accessible for good geochemical or geophysical sampling, however, the VLF data indicates a probable conductor in the upper part of the creek that would correspond with a sulphide bearing vein intersected in two old adits.

Further evaluation of the concordant geochemical and geophysical anomalies should be carried out by back-hoe trenching. The rehabilitation of the two adits in the canyon on the Eureka claim may allow proper sampling of the mineralization the earlier workers encountered.

10. STATEMENT OF COSTS

WAGES for period 17th to 29th October 1987:		
Duncan Wagner @\$200 per diem for 13 days		\$ 2,600
Dan Legrandeur Jr .. .. .		\$ 2,600
Dan Legrandeur Sr .. .. .		\$ 2,600
Management fee - D.M.Jenkins 25-29 Oct 1987		
@ \$400 for 5 days		\$ 2,000
Hotel	13 days @ \$33/ day for 2 men	\$ 990
	13 days @ \$36/ day for 1 man	\$ 468
	5 days @ \$33/ day for 1 man	\$ 165
	8%tax	\$ 119.28
Food	31 mandays @ \$30/ day	\$ 930
Transportation:		
Airfares	4 persons Vancouver-Castlegar and return	
	@\$233 each	\$ 932
Vehicle rental:	4x4 rental 15 days + mileage	\$ 1,034.37
	4x4 rental 5 days + mileage	\$ 492.26
Gasoline		\$ 265.00
Airfreight		\$ 80.00
Instrument Rental		
	IGS-2 Mag/Em Unit with Toshiba portable	
	computer	\$ 2,632
Analyses	265 samples @ \$17.15 each	\$ 4,544.75
Data Processing and plotting		\$ 870.55
Report Preparation		\$ 2,600.00
	TOTAL	\$25,923.21

  
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 B. AINSWORTH P. ENG.

## 11. Bibliography

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Parrish, R., 1981: Geology of the Nemo Lakes Belt, Northern Valhalla Range, Southeastern British Columbia, C.J.E.S. VOL 181 pp.944-958.

Watson, I.M., 1983: Geological Report of the Properties of Nakusp Resources.

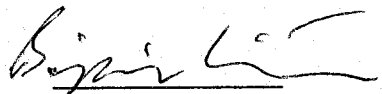
Watson, I.M., 1984: Geological Report of the Silver Mountain - Hat - Chieftain Project of Nakusp Resources.

STATEMENT OF QUALIFICATIONS

I, Benjamin Ainsworth hereby certify that I have the following qualifications:

1. I graduated from Oxford University with an Honours Degree in Geology in 1962.
2. I have practised my profession since graduation without cease.
3. I am registered as a Professional Engineer (Geological) in the Province of British Columbia.
4. This work was carried out under my direct supervision.

Signed:



APPENDIX A

GEOCHEMICAL ANALYSES  
GEOCHEMICAL STATISTICS PLOTS

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 980-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: JENKINS HOLDING INC.  
 Project: CHIEFTAN CLAIM  
 Attention: B. AINSWORTH

File: 7-1764/P1  
 Date: NOV 25/87  
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PPB	W PPM
CH199E 19660N	18	143	1.4	13	5	2
CH199E 19680N	15	260	1.2	12	5	1
CH199E 19700N	14	240	1.1	8	10	2
CH199E 19720N	12	195	.9	16	5	2
CH199E 19740N	11	220	1.2	17	5	1
CH199E 19760N	25	455	1.9	27	5	2
CH199E 19880N	26	480	1.8	15	5	1
CH199E 20180N	37	180	.8	425	20	2
CH199E 20200N	39	180	.8	147	5	1
CH199E 20220N	41	250	1.2	275	15	4
CH200E 19580N	28	105	.3	16	5	2
CH200E 19660N	19	260	.7	17	5	16
CH200E 19680N	18	137	.6	23	5	2
CH200E 19700N	20	265	1.3	12	5	2
CH200E 19720N	22	300	1.1	26	5	2
CH200E 19740N	18	305	1.6	14	5	2
CH200E 19760N	19	385	.9	16	10	4
CH200E 19780N	17	315	1.5	16	5	4
CH200E 19800N	26	565	1.9	15	5	6
CH200E 19820N	23	950	2.2	14	5	10
CH200E 19840N	27	660	3.7	17	5	8
CH200E 20180N	32	158	.9	62	5	2
CH200E 20200N	25	270	1.0	114	10	2
CH200E 20220N	20	195	1.0	43	5	1
CH200E 20240N	13	57	.5	21	10	1
CH200E 20260N	30	165	1.4	34	70	2
CH200E 20300N	19	54	.7	24	5	2
CH200E 20320N	21	90	.9	33	5	2
CH200E 20340N	23	83	.8	30	5	4
CH201E 19660N	20	200	.9	15	5	4

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705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 980-4524

TELEX: VIA USA 7601067 UC

**Certificate of GEOCHEM**

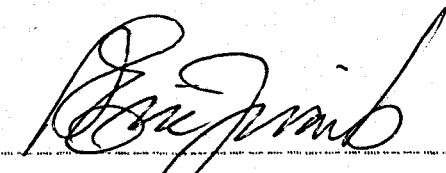
Company: JENKINS HOLDING INC.  
 Project: CHIEFTAN CLAIM  
 Attention: B. AINSWORTH

File: 7-1764/P2  
 Date: NOV 25/87  
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PPB	W PPM
CH201E 19680N	15	280	1.2	12	5	6
CH201E 19700N	16	230	0.8	16	5	2
CH201E 19720N	18	144	0.8	17	10	1
CH201E 19740N	14	320	1.6	12	5	1
CH201E 19760N	17	345	1.3	10	5	20
CH201E 19780N	21	585	3.6	32	5	1
CH201E 19800N	17	415	1.4	26	5	2
CH201E 19820N	18	300	1.3	18	5	2
CH201E 19840N	16	330	1.4	16	10	2
CH201E 19860N	19	520	1.5	16	5	4
CH201E 19880N	18	620	1.4	12	5	4
CH201E 20180N	22	131	1.1	72	5	8
CH201E 20200N	13	147	0.7	24	5	2
CH201E 20220N	23	135	0.5	32	10	1
CH201E 20260N	30	147	0.9	325	5	1
CH201E 20280N	26	106	0.6	99	5	1
CH201E 20300N	22	185	0.6	67	5	2
CH201E 20320N	66	635	2.6	139	10	4
CH201E 20340N	51	240	1.5	75	20	1
CH201E 20360N	32	205	1.4	31	5	4
CHBL200N 19900E	30	555	1.2	24	5	6
CHBL200N 19925E	28	605	1.4	21	5	2
CHBL200N 19950E	36	715	1.7	16	10	4
CHBL200N 19975E	33	560	2.5	12	5	2
CHBL200N 20050E	32	305	1.7	22	10	1
CHBL200N 20075E	38	535	2.8	14	5	1
CHBL200N 20100E	29	725	1.4	17	5	35
CHBL200N 20125E	32	505	1.2	25	5	2
CHBL200N 20150E	35	495	0.8	56	5	1
CHBL200N 20175E	36	585	1.7	16	5	2

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*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

**Certificate of GEOCHEM**

Company: JENKINS HOLDING INC.  
 Project: CHIEFTAN CLAIM  
 Attention: B. AINSWORTH

File: 7-1764/P3  
 Date: NOV 26/87  
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PFB	W PPM
CHBL200N 20200E	44	1260	1.8	27	10	2
CHBL200N 20225E	35	660	3.2	26	5	1
CHBL200N 20250E	121	630	3.0	22	5	1
CHBL200N 20275E	73	595	2.6	19	10	1
CHBL200N 20325E	49	620	2.1	54	5	2
CHBL200N 20350E	50	138	1.1	29	5	1
CHBL200N 20375E	21	149	0.9	24	5	1
CHBL200N 20400E	24	200	1.2	28	5	2
CHBL200N 20425E	28	91	0.9	37	10	3
CHBL200N 20450E	32	108	0.7	32	5	4
CH202E 19660N	22	225	0.9	15	5	2
CH202E 19680N	19	119	1.1	16	5	1
CH202E 19700N	26	162	1.2	11	5	3
CH202E 19720N	24	146	0.9	8	5	2
CH202E 19740N	33	310	1.3	13	5	1
CH202E 19760N	14	215	1.0	15	10	2
CH202E 19780N	8	169	1.1	10	5	2
CH202E 19800N	21	200	1.0	11	5	1
CH202E 19820N	13	270	1.6	18	5	2
CH202E 19840N	3	143	0.8	9	5	3
CH202E 19860N	22	545	1.8	13	5	2
CH202E 19890N	15	470	1.3	14	5	1
CH202E 20160N	12	89	1.0	22	10	1
CH202E 20180N	21	63	0.9	20	5	1
CH202E 20200N	18	72	0.6	42	5	1
CH202E 20220N	23	124	0.8	52	10	3
CH202E 20240N	13	136	1.0	83	5	1
CH202E 20260N	17	210	1.0	250	40	2
CH202E 20280N	20	225	0.8	118	50	8
CH202E 20300N	28	355	0.8	61	5	1

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705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 760167 UC

## Certificate of GEOCHEM

Company: JENKINS HOLDING INC.  
 Project: CHIEFTAN CLAIM  
 Attention: B. AINSWORTH

File: 7-1764/P4  
 Date: NOV 26/87  
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PPB	W PPM
CH202E 20320N	25	200	1.2	46	5	1
CH202E 20340N	38	195	2.6	52	20	1
CH202E 20360N	34	290	2.1	27	5	1
CH203E 19600N	31	152	0.9	22	5	1
CH203E 19620N	23	245	1.4	26	10	2
CH203E 19640N	31	220	1.2	13	5	1
CH203E 19660N	20	185	1.1	9	5	4
CH203E 19680N	19	200	1.0	8	5	1
CH203E 19700N	20	215	0.8	12	5	1
CH203E 19720N	24	113	1.4	7	10	1
CH203E 19740N	18	210	0.9	6	5	2
CH203E 19760N	27	305	2.1	13	5	1
CH203E 19780N	25	495	1.9	18	5	1
CH203E 19800N	17	131	1.4	19	5	1
CH203E 19820N	21	265	1.7	18	5	1
CH203E 19840N	27	340	1.6	13	5	1
CH203E 20180N	19	93	0.8	47	10	2
CH203E 20200N	20	90	0.9	39	5	1
CH203E 20220N	15	89	0.8	43	5	1
CH203E 20240N	12	86	0.8	41	5	1
CH203E 20260N	21	148	0.9	26	10	1
CH203E 20280N	23	156	1.4	32	5	1
CH203E 20300N	15	151	1.6	32	5	1
CH204E 19500N	9	159	0.8	16	5	1
CH204E 19520N	16	205	0.8	14	5	2
CH204E 19540N	15	310	1.1	22	5	1
CH204E 19560N	19	190	1.4	13	10	1
CH204E 19580N	13	177	1.0	16	5	2
CH204E 19600N	11	91	0.9	10	5	1
CH204E 19620N	17	127	1.0	22	5	1

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PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

**Certificate of GEOCHEM**

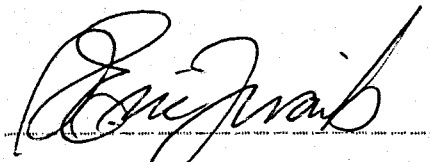
Company: JENKINS HOLDING INC.  
Project: CHIEFTAN CLAIM  
Attention: B. AINSWORTH

File: 7-1764/P5  
Date: NOV 26/87  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PFB	W PPM
CH204E 19640N	22	175	1.1	20	5	1
CH204E 19660N	24	127	1.0	15	5	1
CH204E 19680N	25	130	1.0	19	10	1
CH204E 19700N	22	124	1.1	7	5	1
CH204E 19720N	23	141	0.6	28	5	1
CH204E 19740N	22	182	0.8	14	5	1
CH204E 19760N	NO SAMPLE					
CH204E 19780N	38	445	1.2	20	10	4
CH204E 19800N	26	400	1.4	31	5	1
CH204E 19820N	25	425	1.6	23	5	1
CH204E 19840N	24	181	1.7	20	5	1
CH204E 19860N	22	53	0.8	10	10	1
CH204E 19880N	39	515	1.7	22	5	1
CH204E 19900N	32	310	1.2	27	5	2
CH204E 19960N	23	104	1.0	14	5	2
CH204E 19980N	35	124	1.8	73	5	1
CH204E 20020N	29	290	0.8	79	5	1
CH204E 20040N	31	300	0.9	84	5	1
CH204E 20060N	35	270	0.8	25	5	2
CH204E 20080N	33	184	0.9	22	10	3
CH204E 20100N	29	235	0.7	22	5	2
CH204E 20120N	32	265	0.9	81	5	1
CH204E 20140N	34	255	1.0	77	5	3
CH204E 20160N	28	280	0.9	77	5	4
CH204E 20180N	30	270	0.9	57	5	2
CH204E 20200N	32	270	0.9	68	10	2
CH205E 19580N	27	152	1.0	28	15	1
CH205E 19600N	29	220	1.0	28	5	5
CH205E 19620N	23	130	0.8	12	5	10
CH205E 19640N	21	62	0.6	16	5	2

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705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

**Certificate of GEOCHEM**

Company: JENKINS HOLDING INC.  
Project: CHIEFTAN CLAIM  
Attention: B. AINSWORTH

File: 7-1764/P6  
Date: NOV 26/87  
Type: SOIL GEOCHEM

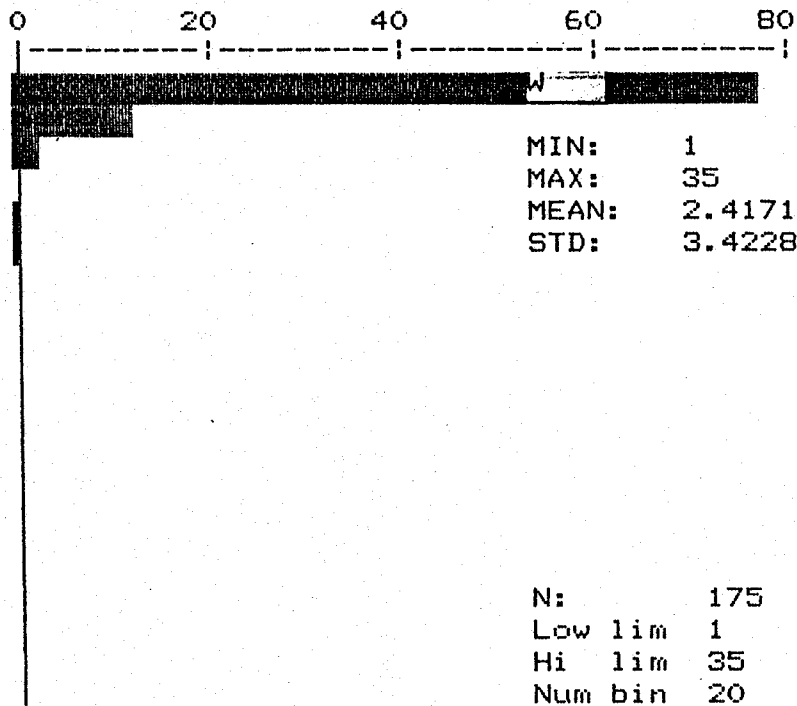
We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PPB	W PPM
CH205E 19660N	25	128	0.8	22	5	1
CH205E 19680N	19	119	0.7	12	10	5
CH205E 19720N	22	260	0.9	19	5	1
CH205E 19740N	24	161	0.8	56	5	3
CH205E 19760N	20	150	0.9	23	5	2
CH205E 19780N	18	89	0.8	11	5	1
CH205E 19800N	13	55	0.6	12	10	1
CH205E 19820N	16	108	0.8	17	5	5
CH205E 19860N	18	84	0.7	13	10	1
CH205E 19920N	24	163	1.0	17	5	1
CH205E 19940N	31	194	1.1	25	5	1
CH205E 19960N	30	169	1.0	35	5	3
CH205E 19980N	41	435	1.6	14	5	2
CH205E 20020N	29	132	1.2	17	10	3
CH205E 20040N	31	140	0.8	18	5	2
CH205E 20060N	28	112	0.6	15	5	1
CH205E 20080N	23	142	0.9	10	5	2
CH206E 19780N	18	86	0.6	8	5	2
CH206E 19800N	20	149	0.8	14	5	1
CH206E 19820N	24	94	1.0	19	5	1
CH206E 19840N	22	167	0.8	23	5	1
CH206E 19980N	23	500	2.6	9	5	1
CH206E 19920N	39	400	3.2	13	5	2
CH205E 19980N	20	71	1.1	27	5	1
CH205E 20100N	29	285	0.8	41	10	2
CH199E 19880N	33	840	1.4	22	5	1

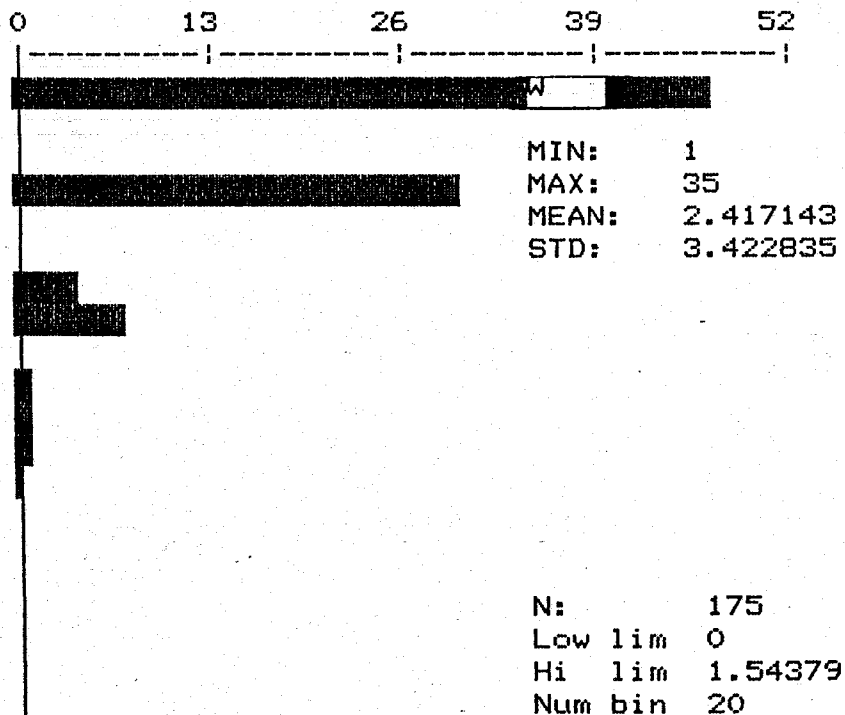
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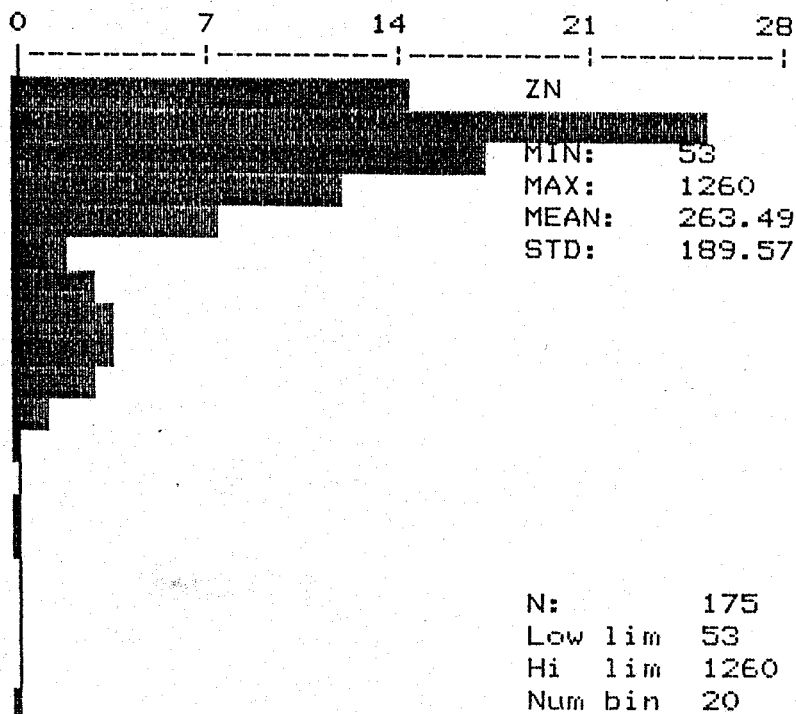
LB	UB	#	%	%
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2.7	4.4	23	13.1	92.0
4.4	6.1	6	3.4	95.4
6.1	7.8	0	0.0	95.4
7.8	9.5	3	1.7	97.1
9.5	11.2	2	1.1	98.3
11.2	12.9	0	0.0	98.3
12.9	14.6	0	0.0	98.3
14.6	16.3	1	0.6	98.9
16.3	18.0	0	0.0	98.9
18.0	19.7	0	0.0	98.9
19.7	21.4	1	0.6	99.4
21.4	23.1	0	0.0	99.4
23.1	24.8	0	0.0	99.4
24.8	26.5	0	0.0	99.4
26.5	28.2	0	0.0	99.4
28.2	29.9	0	0.0	99.4
29.9	31.6	0	0.0	99.4
31.6	33.3	0	0.0	99.4
33.3	35.0	1	0.6	100.0



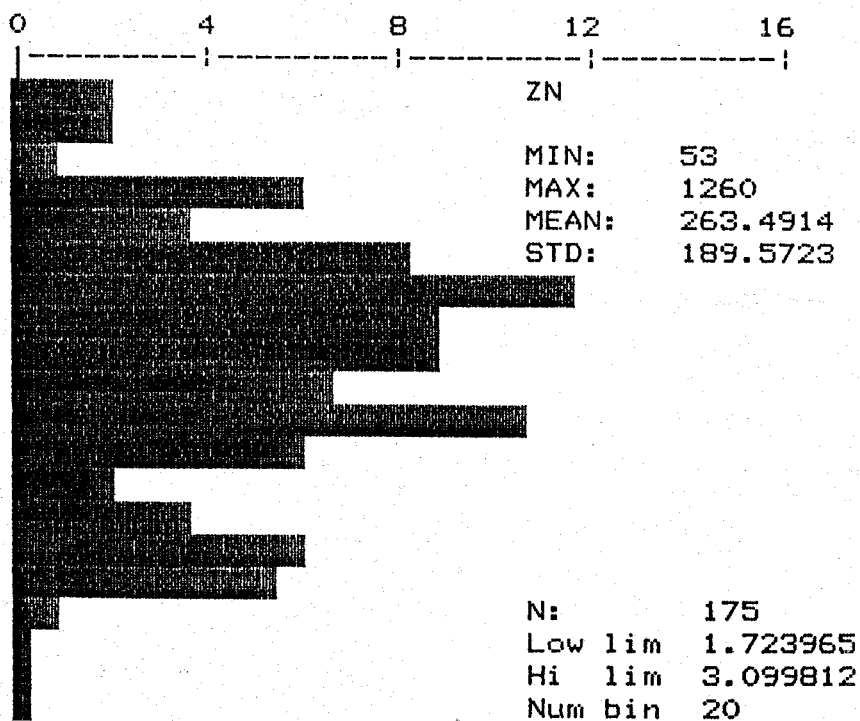
LB	UB	#	%	%
0.0000	0.0772	84	48.0	48.0
0.0772	0.1544	0	0.0	48.0
0.1544	0.2316	0	0.0	48.0
0.2316	0.3088	54	30.9	78.9
0.3088	0.3859	0	0.0	78.9
0.3859	0.4631	0	0.0	78.9
0.4631	0.5403	9	5.1	84.0
0.5403	0.6175	14	8.0	92.0
0.6175	0.6947	0	0.0	92.0
0.6947	0.7719	3	1.7	93.7
0.7719	0.8491	3	1.7	95.4
0.8491	0.9263	3	1.7	97.1
0.9263	1.0035	2	1.1	98.3
1.0035	1.0807	0	0.0	98.3
1.0807	1.1578	0	0.0	98.3
1.1578	1.2350	1	0.6	98.9
1.2350	1.3122	1	0.6	99.4
1.3122	1.3894	0	0.0	99.4
1.3894	1.4666	0	0.0	99.4
1.4666	1.5438	1	0.6	100.0



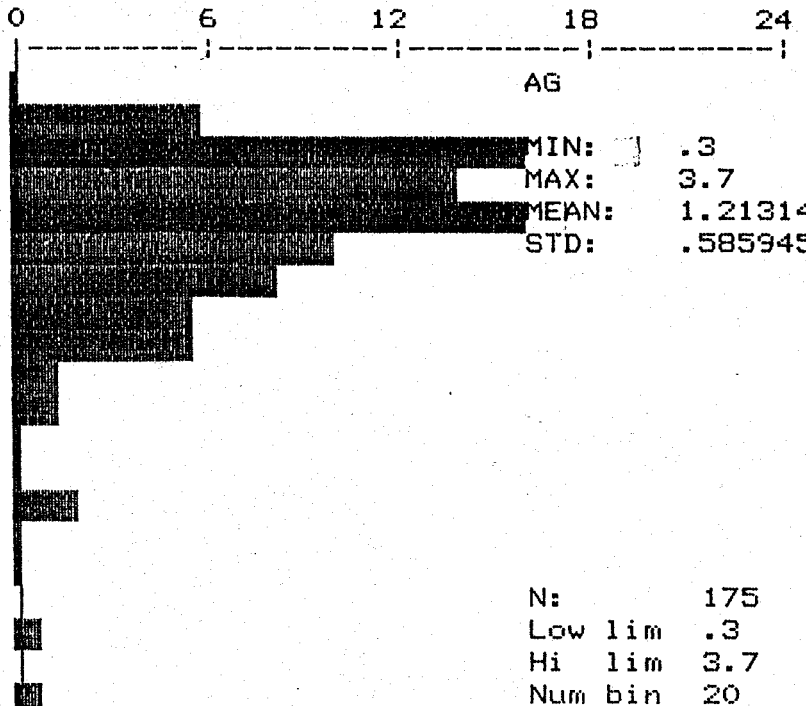
LB	UB	#	%	%
53.0	113.4	26	14.9	14.9
113.4	173.7	45	25.7	40.6
173.7	234.1	31	17.7	58.3
234.1	294.4	22	12.6	70.9
294.4	354.8	14	8.0	78.9
354.8	415.1	4	2.3	81.1
415.1	475.5	6	3.4	84.6
475.5	535.8	7	4.0	88.6
535.8	596.1	7	4.0	92.6
596.1	656.5	6	3.4	96.0
656.5	716.9	3	1.7	97.7
716.9	777.2	1	0.6	98.3
777.2	837.5	0	0.0	98.3
837.6	897.9	1	0.6	98.9
897.9	958.2	1	0.6	99.4
958.3	1018.6	0	0.0	99.4
1018.6	1079.0	0	0.0	99.4
1079.0	1139.3	0	0.0	99.4
1139.3	1199.6	0	0.0	99.4
1199.6	1260.0	1	0.6	100.0



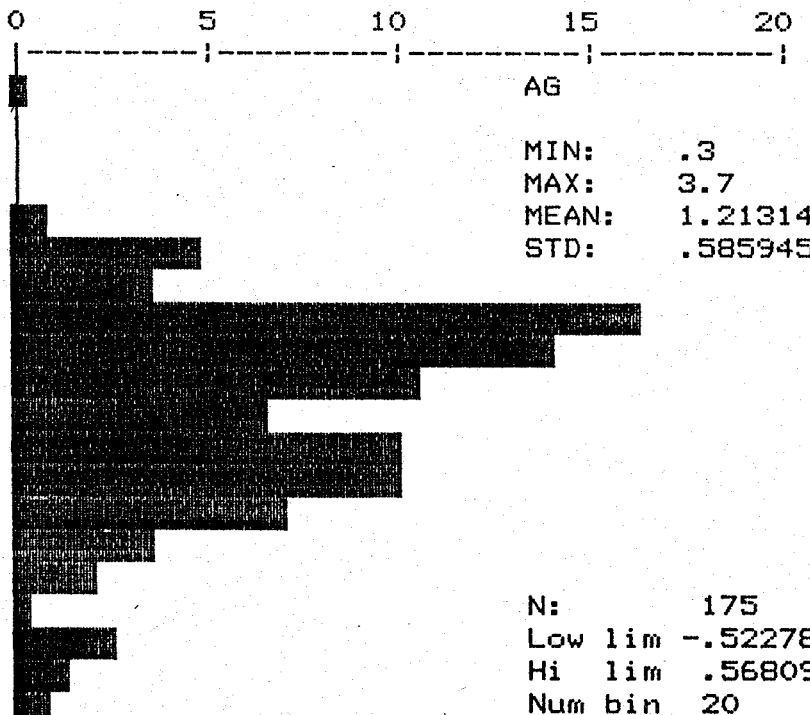
LB	UB	#	%	%
1.7240	1.7928	4	2.3	2.3
1.7928	1.8616	4	2.3	4.6
1.8616	1.9303	2	1.1	5.7
1.9303	1.9991	11	6.3	12.0
1.9991	2.0679	7	4.0	16.0
2.0679	2.1367	15	8.6	24.6
2.1367	2.2055	21	12.0	36.6
2.2055	2.2743	16	9.1	45.7
2.2743	2.3431	16	9.1	54.9
2.3431	2.4119	12	6.9	61.7
2.4119	2.4807	19	10.9	72.6
2.4807	2.5495	11	6.3	78.9
2.5495	2.6183	4	2.3	81.1
2.6183	2.6871	7	4.0	85.1
2.6871	2.7559	11	6.3	91.4
2.7559	2.8246	10	5.7	97.1
2.8246	2.8934	2	1.1	98.3
2.8934	2.9622	1	0.6	98.9
2.9622	3.0310	1	0.6	99.4
3.0310	3.0998	1	0.6	100.0



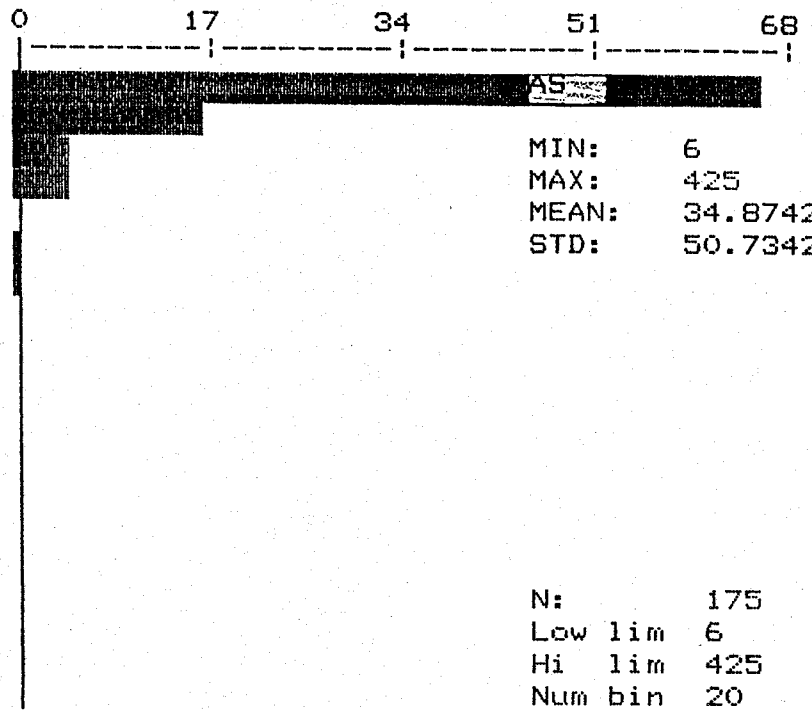
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0.3	0.5	1	0.6	0.6	
0.5	0.6	11	6.3	6.9	
0.6	0.8	36	20.6	27.4	
0.8	1.0	25	14.3	41.7	
1.0	1.2	31	17.7	59.4	
1.2	1.3	18	10.3	69.7	
1.3	1.5	15	8.6	78.3	
1.5	1.7	10	5.7	84.0	
1.7	1.8	10	5.7	89.7	
1.8	2.0	3	1.7	91.4	
2.0	2.2	3	1.7	93.1	
2.2	2.3	1	0.6	93.7	
2.3	2.5	1	0.6	94.3	
2.5	2.7	4	2.3	96.6	
2.7	2.9	1	0.6	97.1	
2.9	3.0	1	0.6	97.7	
3.0	3.2	0	0.0	97.7	
3.2	3.4	2	1.1	98.9	
3.4	3.5	0	0.0	98.9	
3.5	3.7	2	1.1	100.0	



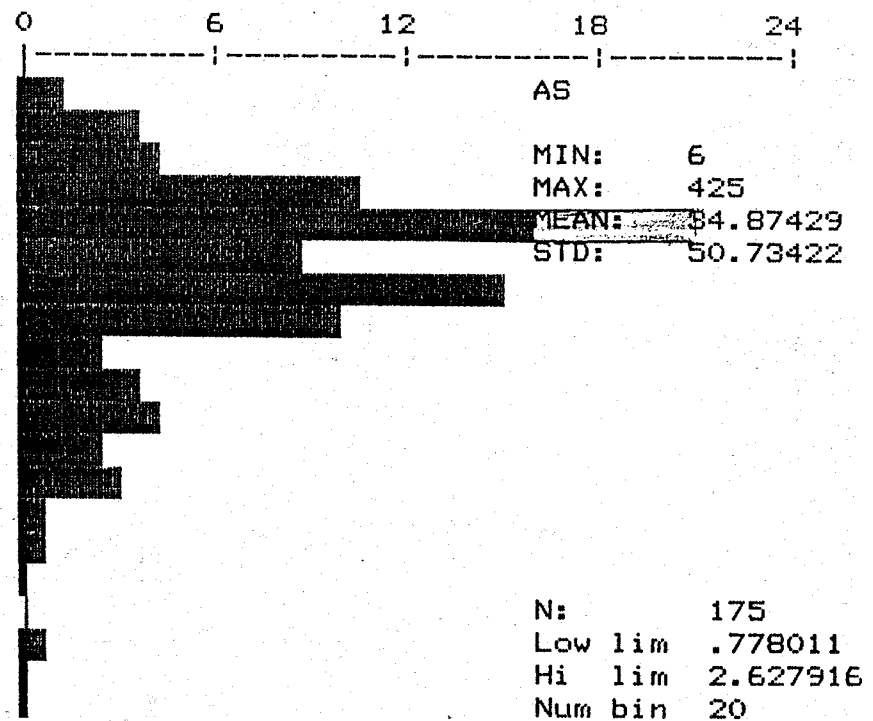
LB	UB	#	%	%	%
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-0.4682	-0.4137	0	0.0	0.6	
-0.4137	-0.3592	0	0.0	0.6	
-0.3592	-0.3046	0	0.0	0.6	
-0.3046	-0.2501	2	1.1	1.7	
-0.2501	-0.1955	9	5.1	6.9	
-0.1955	-0.1410	7	4.0	10.9	
-0.1410	-0.0864	29	16.6	27.4	
-0.0864	-0.0319	25	14.3	41.7	
-0.0319	0.0227	19	10.9	52.6	
0.0227	0.0772	12	6.9	59.4	
0.0772	0.1317	18	10.3	69.7	
0.1317	0.1863	18	10.3	80.0	
0.1863	0.2408	13	7.4	87.4	
0.2408	0.2954	7	4.0	91.4	
0.2954	0.3499	4	2.3	93.7	
0.3499	0.4045	1	0.6	94.3	
0.4045	0.4590	5	2.9	97.1	
0.4590	0.5136	3	1.7	98.9	
0.5136	0.5681	2	1.1	100.0	



LB	UB	#	%	%
6.0	27.0	117	66.9	66.9
27.0	47.9	30	17.1	84.0
47.9	68.9	10	5.7	89.7
68.9	89.8	9	5.1	94.9
89.8	110.8	1	0.6	95.4
110.8	131.7	2	1.1	96.6
131.7	152.7	2	1.1	97.7
152.7	173.6	0	0.0	97.7
173.6	194.6	0	0.0	97.7
194.6	215.5	0	0.0	97.7
215.5	236.5	0	0.0	97.7
236.5	257.4	1	0.6	98.3
257.4	278.4	1	0.6	98.9
278.4	299.3	0	0.0	98.9
299.3	320.3	0	0.0	98.9
320.3	341.2	1	0.6	99.4
341.2	362.2	0	0.0	99.4
362.2	383.1	0	0.0	99.4
383.1	404.1	0	0.0	99.4
404.1	425.0	1	0.6	100.0

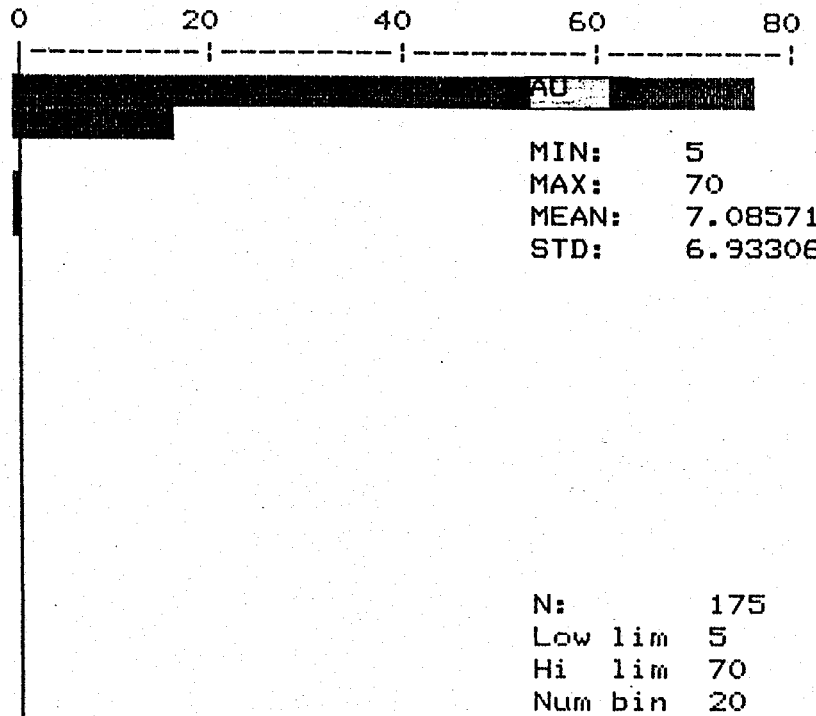


LB	UB	#	%	%
0.7780	0.8705	3	1.7	1.7
0.8705	0.9630	7	4.0	5.7
0.9630	1.0555	8	4.6	10.3
1.0555	1.1480	19	10.9	21.1
1.1480	1.2405	37	21.1	42.3
1.2405	1.3330	16	9.1	51.4
1.3330	1.4255	27	15.4	66.9
1.4255	1.5180	18	10.3	77.1
1.5180	1.6105	5	2.9	80.0
1.6105	1.7030	7	4.0	84.0
1.7030	1.7955	8	4.6	88.6
1.7955	1.8880	5	2.9	91.4
1.8880	1.9804	6	3.4	94.9
1.9804	2.0729	2	1.1	96.0
2.0729	2.1654	2	1.1	97.1
2.1654	2.2579	1	0.6	97.7
2.2579	2.3504	0	0.0	97.7
2.3504	2.4429	2	1.1	98.9
2.4429	2.5354	1	0.6	99.4
2.5354	2.6279	1	0.6	100.0

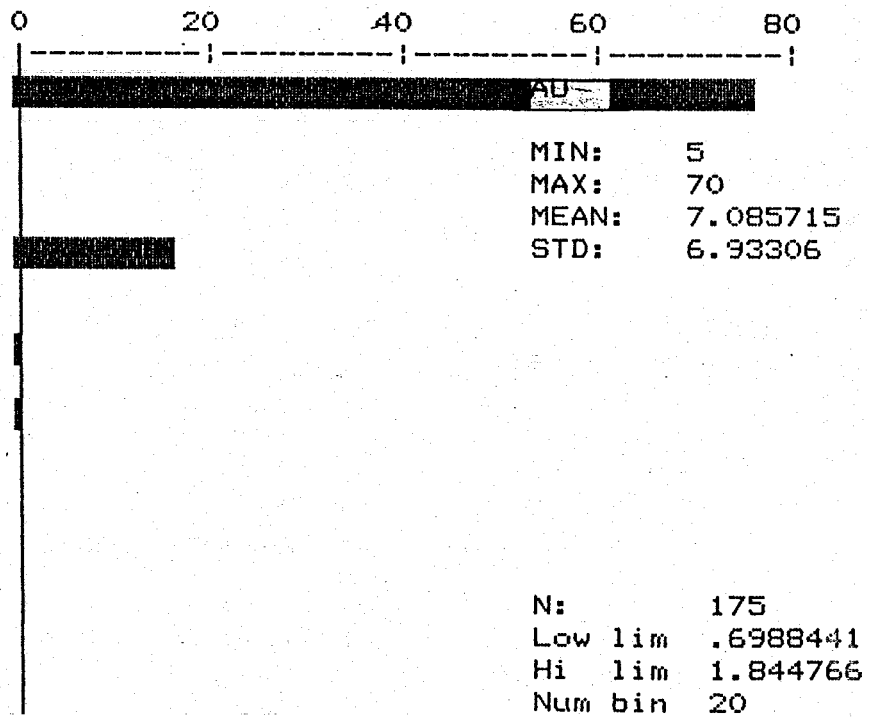




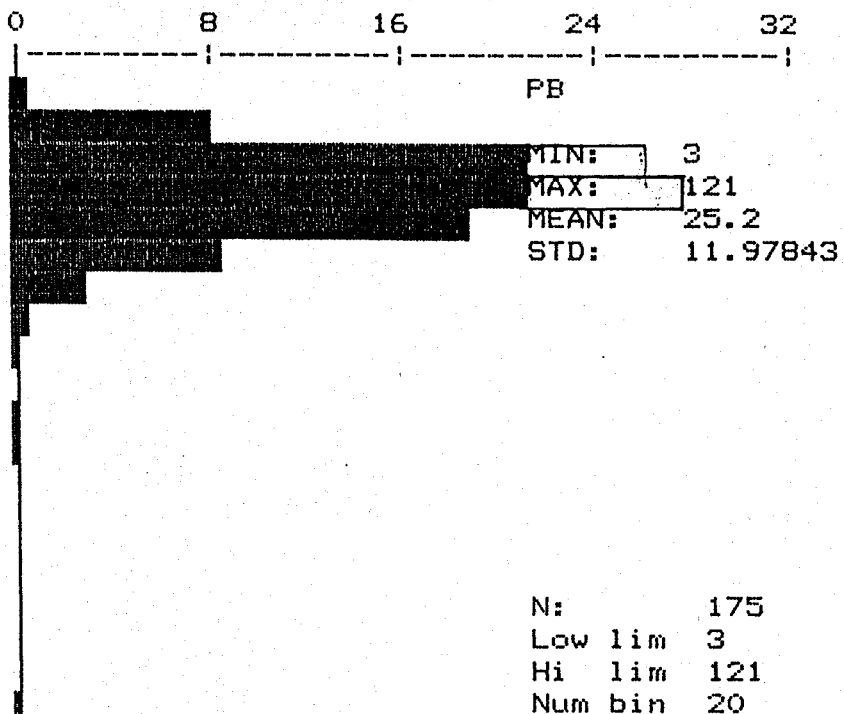
LB	UB	#	%	%
5.0	8.3	136	77.7	77.7
8.3	11.5	31	17.7	95.4
11.5	14.8	0	0.0	95.4
14.8	18.0	2	1.1	96.6
18.0	21.3	3	1.7	98.3
21.3	24.5	0	0.0	98.3
24.5	27.8	0	0.0	98.3
27.8	31.0	0	0.0	98.3
31.0	34.3	0	0.0	98.3
34.3	37.5	0	0.0	98.3
37.5	40.8	1	0.6	98.9
40.8	44.0	0	0.0	98.9
44.0	47.3	0	0.0	98.9
47.3	50.5	1	0.6	99.4
50.5	53.8	0	0.0	99.4
53.8	57.0	0	0.0	99.4
57.0	60.3	0	0.0	99.4
60.2	63.5	0	0.0	99.4
63.5	66.8	0	0.0	99.4
66.8	70.0	1	0.6	100.0



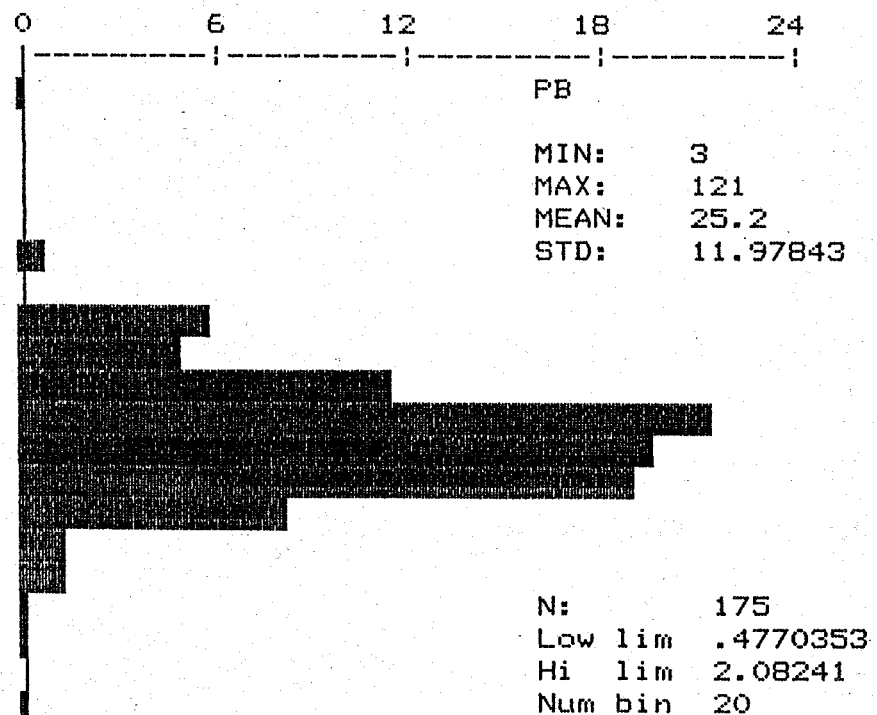
LB	UB	#	%	%
0.6988	0.7561	136	77.7	77.7
0.7561	0.8134	0	0.0	77.7
0.8134	0.8707	0	0.0	77.7
0.8707	0.9280	0	0.0	77.7
0.9280	0.9853	0	0.0	77.7
0.9853	1.0426	31	17.7	95.4
1.0426	1.0999	0	0.0	95.4
1.0999	1.1572	0	0.0	95.4
1.1572	1.2145	2	1.1	96.6
1.2145	1.2718	0	0.0	96.6
1.2718	1.3291	3	1.7	98.3
1.3291	1.3864	0	0.0	98.3
1.3864	1.4437	0	0.0	98.3
1.4437	1.5010	0	0.0	98.3
1.5010	1.5583	0	0.0	98.3
1.5583	1.6156	1	0.6	98.9
1.6156	1.6729	0	0.0	98.9
1.6729	1.7302	1	0.6	99.4
1.7302	1.7875	0	0.0	99.4
1.7875	1.8448	1	0.6	100.0



LB	UB	#	%		
3.0	8.9	2	1.1	1.1	
8.9	14.8	15	8.6	9.7	
14.8	20.7	46	26.3	36.0	
20.7	26.6	50	28.6	64.6	
26.6	32.5	34	19.4	84.0	
32.5	38.4	16	9.1	93.1	
38.4	44.3	6	3.4	96.6	
44.3	50.2	2	1.1	97.7	
50.2	56.1	1	0.6	98.3	
56.1	62.0	0	0.0	98.3	
62.0	67.9	1	0.6	98.9	
67.9	73.8	1	0.6	99.4	
73.8	79.7	0	0.0	99.4	
79.7	85.6	0	0.0	99.4	
85.6	91.5	0	0.0	99.4	
91.5	97.4	0	0.0	99.4	
97.4	103.3	0	0.0	99.4	
103.3	109.2	0	0.0	99.4	
109.2	115.1	0	0.0	99.4	
115.1	121.0	1	0.6	100.0	



LB	UB	#	%		
0.4770	0.5573	1	0.6	0.6	
0.5573	0.6376	0	0.0	0.6	
0.6376	0.7178	0	0.0	0.6	
0.7178	0.7981	0	0.0	0.6	
0.7981	0.8784	0	0.0	0.6	
0.8784	0.9586	2	1.1	1.7	
0.9586	1.0389	0	0.0	1.7	
1.0389	1.1192	11	6.3	8.0	
1.1192	1.1995	9	5.1	13.1	
1.1995	1.2797	21	12.0	25.1	
1.2797	1.3600	38	21.7	46.9	
1.3600	1.4403	35	20.0	66.9	
1.4403	1.5205	34	19.4	86.3	
1.5205	1.6008	15	8.6	94.9	
1.6008	1.6811	3	1.7	96.6	
1.6811	1.7613	3	1.7	98.3	
1.7613	1.8416	1	0.6	98.9	
1.8416	1.9219	1	0.6	99.4	
1.9219	2.0021	0	0.0	99.4	
2.0021	2.0824	1	0.6	100.0	



MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: METAMIN ENTERPRISES

Project:

Attention: B. AINSWORTH

File: 7-1572/P3

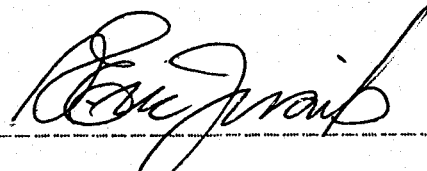
Date: OCT 17/87

Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PR PPM	ZN PPM	AG PPM	AS PPM	AU-WET PPB	W PPM
EK 5+00W 8+00S	21	133	1.9	87	5	1
EK 5+00W 8+25S	7	118	.6	3	5	1
EK 5+00W 8+50S	36	125	1.0	14	5	2
EK 5+00W 8+75S	19	163	.7	15	10	1
EK 5+00W 9+00S	22	164	.9	35	10	1
EK 5+00W 9+25S	21	193	.9	24	5	1
EK 5+00W 9+50S	4	124	.7	2	5	1
EK 5+00W 9+75S	33	225	.9	37	10	2
EK 5+00W 10+00S	22	217	1.2	15	5	1

Certified by

  
MIN-EN LABORATORIES LTD.

**MIN-EN LABORATORIES LTD.**

*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

**Certificate of GEOCHEM**

Company: JENKINS HOLDING INC.  
 Project: EUREKA CLAIM  
 Attention: B. AINSWORTH

File: 7-1764/P7  
 Date: NOV 26/87  
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PFB	W PPM
EK500S 525W	22	69	0.6	12	5	4
EK500S 550W	21	48	0.1	7	5	1
EK500S 575W	28	110	0.3	15	5	2
EK500S 600W	18	38	0.7	15	10	2
EK500S 675W	30	111	0.8	28	5	5
EK500S 725W	41	163	0.4	69	5	5
EK500S 775W	23	42	0.3	75	5	8
EK500S 800W	45	113	0.5	120	5	4
EK500S 825W	33	137	0.3	66	5	5
EK500S 850W	34	109	0.5	111	50	3
EK500S 875W	28	113	0.5	33	5	9
EK500S 900W	35	152	0.8	43	5	2
EK500S 925W	23	78	1.2	18	5	1
EK500S 950W	26	110	0.6	39	10	1
EK500S 975W	19	45	0.8	21	5	2
EK500S 1000W	15	32	0.3	13	5	1
EK600S 525W	25	38	0.2	5	10	2
EK600S 550W	26	105	0.2	7	10	2
EK600S 575W	29	128	0.6	11	130	1
EK600S 600W	11	98	0.3	5	20	1
EK600S 650W	28	130	0.6	18	90	2
EK600S 675W	21	79	0.6	17	5	1
EK600S 700W	27	112	0.4	14	10	90
EK600S 725W	20	72	0.4	23	230	2
EK600S 750W	30	102	0.5	81	5	250
EK600S 800W	39	114	0.6	49	5	15
EK600S 825W	31	128	0.4	52	10	3
EK600S 900W	15	72	0.3	18	5	2
EK600S 925W	37	192	0.4	27	5	2
EK600S 1000W	34	175	0.6	105	5	1

Certified by \_\_\_\_\_

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# MIN-EN LABORATORIES LTD.

*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

## Certificate of GEOCHEM

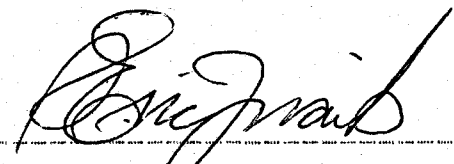
Company: JENKINS HOLDING INC.  
 Project: EUREKA CLAIM  
 Attention: B. AINSWORTH

File: 7-1764/P8  
 Date: NOV 26/87  
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PFB	W PPM
EK700S 525W	18	110	0.6	12	5	6
EK700S 550W	21	76	0.8	11	5	3
EK700S 550W DUP.	22	128	1.7	18	10	2
EK700S 575W	20	71	0.4	9	5	1
EK700S 625W	20	69	0.4	5	10	1
EK700S 650W	18	45	0.2	7	5	7
EK700S 675W	19	86	0.3	13	5	2
EK700S 700W	17	46	0.4	11	5	3
EK700S 800W	33	940	1.3	39	10	2
EK700S 825W	45	730	0.8	81	5	2
EK700S 850W	37	560	1.0	117	5	4
EK700S 875W	41	650	1.9	132	5	1
EK700S 900W	34	109	1.8	76	5	12
EK700S 925W	23	535	4.0	24	10	1
EK700S 950W	89	181	3.2	81	5	2
EK700S 975W	30	260	1.4	17	5	3
EK700S 1000W	19	188	2.7	20	5	3
EK800S 525W	21	155	0.6	16	5	1
EK800S 550W	18	123	0.4	79	10	1
EK800S 575W	23	121	0.5	15	10	2
EK800S 600W	35	64	0.4	18	5	1
EK800S 625W	20	124	0.8	17	5	1
EK800S 650W	24	67	0.6	10	5	2
EK800S 675W	23	91	0.9	18	5	1
EK800S 700W	27	77	0.5	12	40	1
EK800S 725W	25	146	1.2	22	30	2
EK800S 775W	18	133	1.5	25	5	1
EK800S 800W	26	99	0.6	41	5	1
EK800S 825W	24	153	0.7	32	5	2
EK800S 850W	21	152	0.8	19	5	3

Certified by \_\_\_\_\_



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*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

## Certificate of GEOCHEM

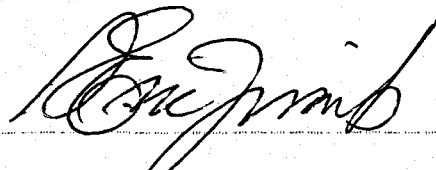
Company: JENKINS HOLDING INC.  
 Project: EUREKA CLAIM  
 Attention: B. AINSWORTH

File: 7-1764/P9  
 Date: NOV 26/87  
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

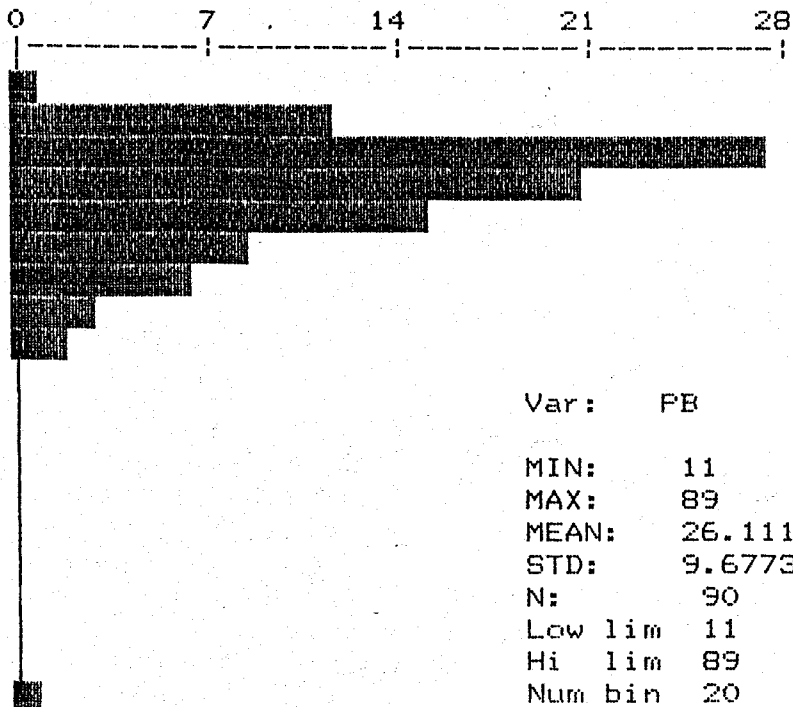
Sample Number	PB PPM	ZN PPM	AG PPM	AS PPM	AU-WET PPB	W PPM
EK800S 875W	25	174	3.0	139	5	1
EK800S 900W	20	220	3.1	32	5	1
EK800S 925W	26	250	3.2	14	5	1
EK800S 950W	25	150	1.0	35	10	2
EK800S 975W	27	210	1.2	25	10	1
EK800S 1000W	23	94	0.7	85	5	2
EK900S 525W	19	200	1.1	24	5	1
EK900S 550W	22	275	1.0	42	5	1
EK900S 575W	21	182	1.2	53	5	1
EK900S 600W	18	125	0.6	13	10	2
EK900S 625W	20	104	0.8	14	5	2
EK900S 650W	22	93	0.6	22	5	1
EK900S 675W	26	148	1.1	29	5	1
EK900S 700W	35	155	2.4	31	5	1200
EK900S 725W	28	142	0.9	64	10	11
EK900S 925W	20	159	1.2	32	5	3
EK900S 950W	21	128	1.0	18	5	2
EK900S 975W	18	72	1.0	19	10	2
EK900S 1000W	19	85	1.0	31	10	1
EK1000S 525W	23	179	1.4	23	5	3
EK1000S 550W	29	270	1.4	46	5	1
EK1000S 575W	20	103	0.8	16	5	2
EK1000S 600W	19	178	1.0	10	5	1
EK1000S 625W	17	315	1.2	14	10	4
EK1000S 650W	31	1170	1.8	26	5	5
EK1000S 675W	28	295	1.1	34	5	8
EK1000S 700W	29	135	2.4	58	5	1
EK1000S 725W	35	106	1.0	28	5	1
EK1000S 750W	33	205	1.1	33	5	1
EK1000S 775W	26	105	1.2	575	5	2

Certified by



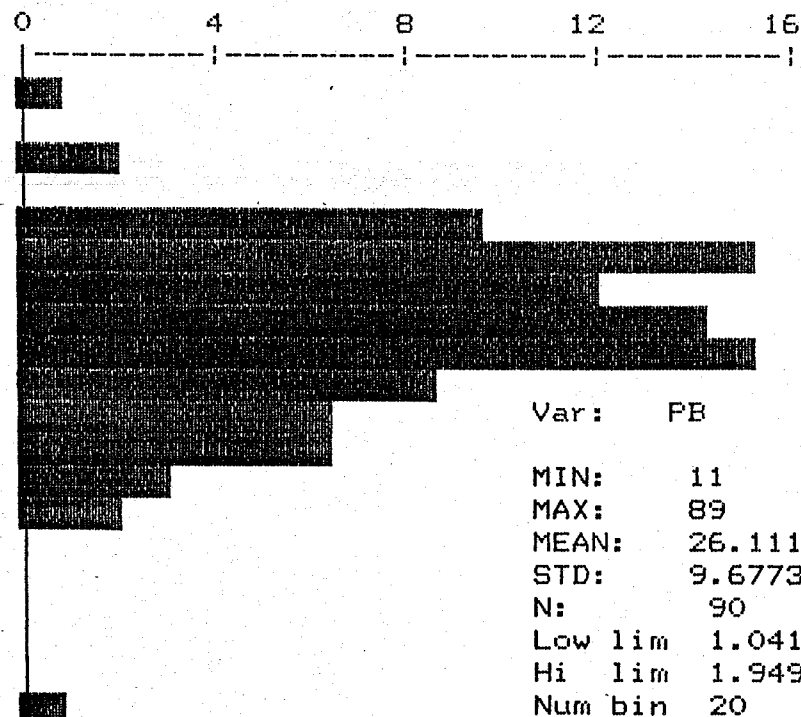
MIN-EN LABORATORIES LTD.

LB	UB	#	%		
11.0	14.9	1	1.1	1.1	
14.9	18.8	11	12.2	13.3	
18.8	22.7	25	27.8	41.1	
22.7	26.6	19	21.1	62.2	
26.6	30.5	14	15.6	77.8	
30.5	34.4	8	8.9	86.7	
34.4	38.3	6	6.7	93.3	
38.3	42.2	3	3.3	96.7	
42.2	46.1	2	2.2	98.9	
46.1	50.0	0	0.0	98.9	
50.0	53.9	0	0.0	98.9	
53.9	57.8	0	0.0	98.9	
57.8	61.7	0	0.0	98.9	
61.7	65.6	0	0.0	98.9	
65.6	69.5	0	0.0	98.9	
69.5	73.4	0	0.0	98.9	
73.4	77.3	0	0.0	98.9	
77.3	81.2	0	0.0	98.9	
81.2	85.1	0	0.0	98.9	
85.1	89.0	1	1.1	100.0	



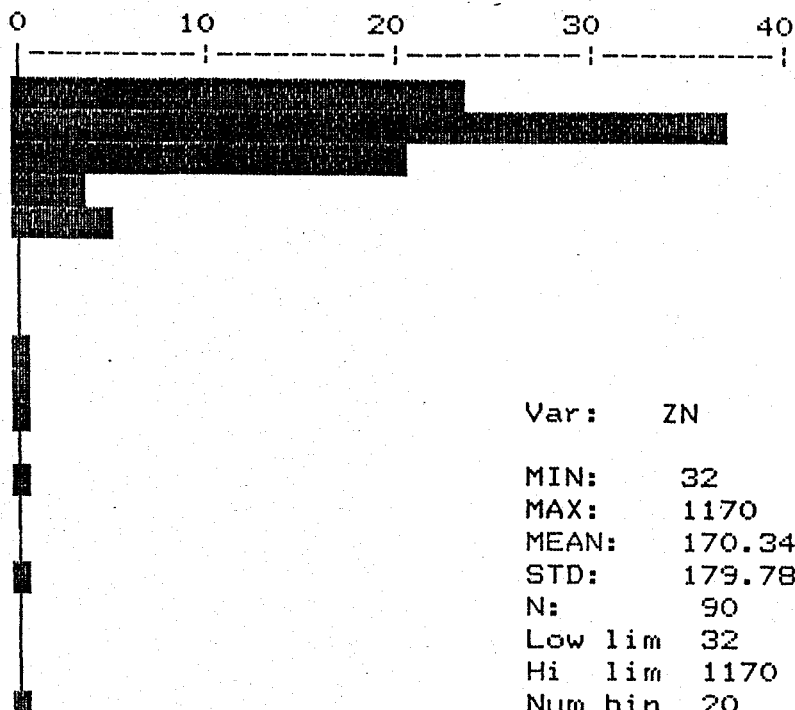
Var: PB  
 MIN: 11  
 MAX: 89  
 MEAN: 26.11111  
 STD: 9.677317  
 N: 90  
 Low lim 11  
 Hi lim 89  
 Num bin 20

LB	UB	#	%		
1.0412	1.0866	1	1.1	1.1	
1.0866	1.1320	0	0.0	1.1	
1.1320	1.1774	2	2.2	3.3	
1.1774	1.2228	0	0.0	3.3	
1.2228	1.2682	9	10.0	13.3	
1.2682	1.3136	14	15.6	28.9	
1.3136	1.3589	11	12.2	41.1	
1.3589	1.4043	13	14.4	55.6	
1.4043	1.4497	14	15.6	71.1	
1.4497	1.4951	8	8.9	80.0	
1.4951	1.5405	6	6.7	86.7	
1.5405	1.5859	6	6.7	93.3	
1.5859	1.6313	3	3.3	96.7	
1.6313	1.6767	2	2.2	98.9	
1.6767	1.7221	0	0.0	98.9	
1.7221	1.7675	0	0.0	98.9	
1.7675	1.8129	0	0.0	98.9	
1.8129	1.8583	0	0.0	98.9	
1.8583	1.9036	0	0.0	98.9	
1.9036	1.9490	1	1.1	100.0	



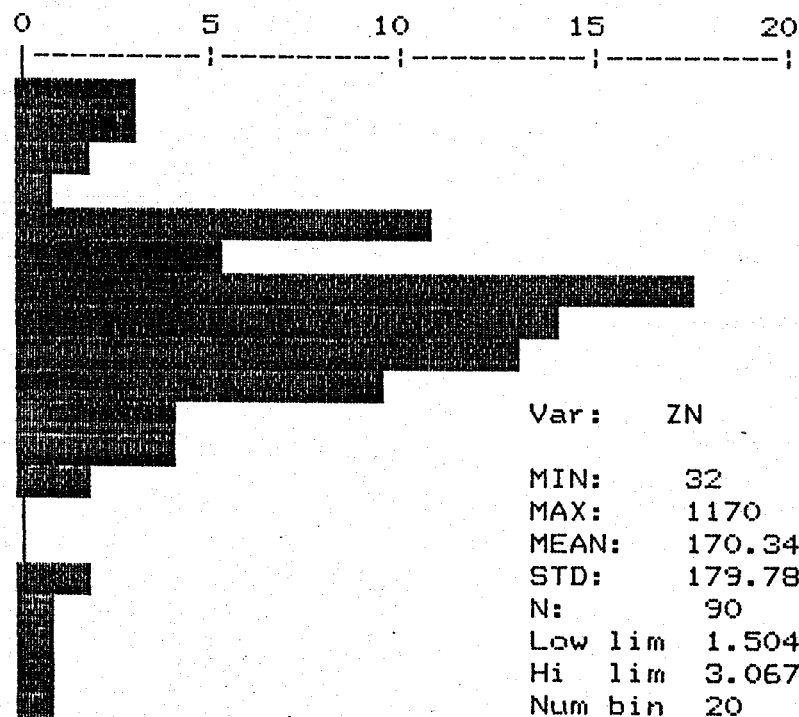
Var: PB  
 MIN: 11  
 MAX: 89  
 MEAN: 26.11111  
 STD: 9.677317  
 N: 90  
 Low lim 1.041205  
 Hi lim 1.949039  
 Num bin 20

LB	UB	#	%	%
32.0	88.9	22	24.4	24.4
88.9	145.8	34	37.8	62.2
145.8	202.7	19	21.1	83.3
202.7	259.6	4	4.4	87.8
259.6	316.5	5	5.6	93.3
316.5	373.4	0	0.0	93.3
373.4	430.3	0	0.0	93.3
430.3	487.2	0	0.0	93.3
487.2	544.1	1	1.1	94.4
544.1	601.0	1	1.1	95.6
601.0	657.9	1	1.1	96.7
657.9	714.8	0	0.0	96.7
714.8	771.7	1	1.1	97.8
771.7	828.6	0	0.0	97.8
828.6	885.5	0	0.0	97.8
885.5	942.4	1	1.1	98.9
942.4	999.3	0	0.0	98.9
999.3	1056.2	0	0.0	98.9
1056.2	1113.1	0	0.0	98.9
1113.1	1170.0	1	1.1	100.0



Var: ZN  
 MIN: 32  
 MAX: 1170  
 MEAN: 170.3445  
 STD: 179.7885  
 N: 90  
 Low lim 32  
 Hi lim 1170  
 Num bin 20

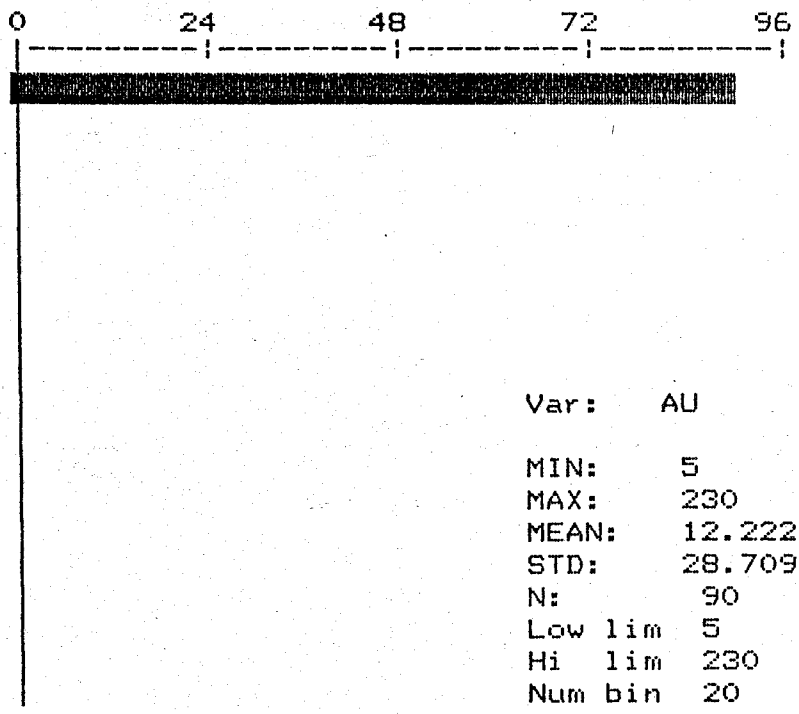
LB	UB	#	%	%
1.5049	1.5830	3	3.3	3.3
1.5830	1.6612	3	3.3	6.7
1.6612	1.7393	2	2.2	8.9
1.7393	1.8174	1	1.1	10.0
1.8174	1.8956	10	11.1	21.1
1.8956	1.9737	5	5.6	26.7
1.9737	2.0518	16	17.8	44.4
2.0518	2.1300	13	14.4	58.9
2.1300	2.2081	12	13.3	72.2
2.2081	2.2863	9	10.0	82.2
2.2863	2.3644	4	4.4	86.7
2.3644	2.4425	4	4.4	91.1
2.4425	2.5207	2	2.2	93.3
2.5207	2.5988	0	0.0	93.3
2.5988	2.6769	0	0.0	93.3
2.6769	2.7551	2	2.2	95.6
2.7551	2.8332	1	1.1	96.7
2.8332	2.9114	1	1.1	97.8
2.9114	2.9895	1	1.1	98.9
2.9895	3.0676	1	1.1	100.0



Var: ZN  
 MIN: 32  
 MAX: 1170  
 MEAN: 170.3445  
 STD: 179.7885  
 N: 90  
 Low lim 1.504879  
 Hi lim 3.067633  
 Num bin 20

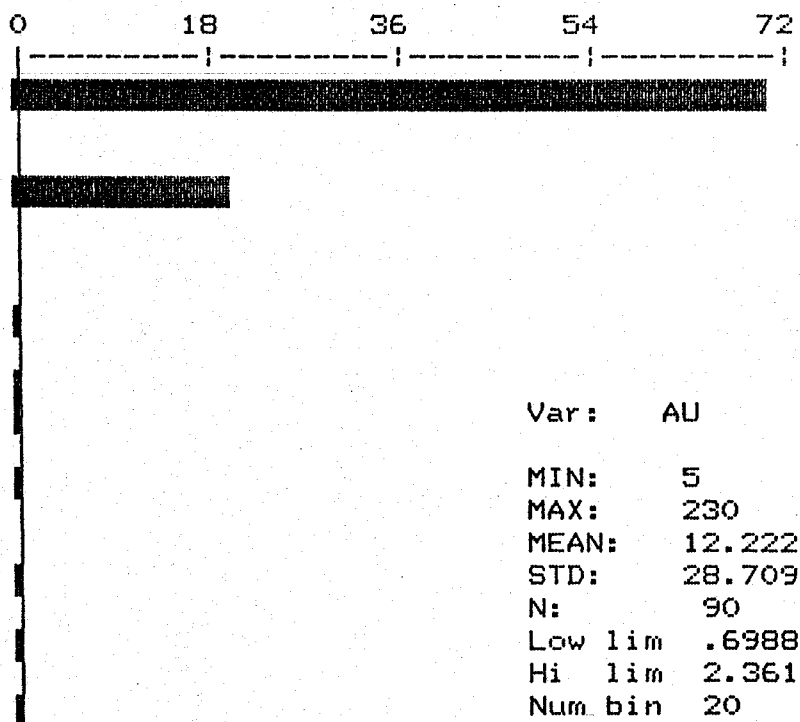


LB	UB	#	%	%
5.0	16.3	83	92.2	92.2
16.3	27.5	1	1.1	93.3
27.5	38.8	1	1.1	94.4
38.8	50.0	1	1.1	95.6
50.0	61.3	1	1.1	96.7
61.3	72.5	0	0.0	96.7
72.5	83.8	0	0.0	96.7
83.8	95.0	1	1.1	97.8
95.0	106.3	0	0.0	97.8
106.3	117.5	0	0.0	97.8
117.5	128.8	0	0.0	97.8
128.8	140.0	1	1.1	98.9
140.0	151.3	0	0.0	98.9
151.3	162.5	0	0.0	98.9
162.5	173.8	0	0.0	98.9
173.8	185.0	0	0.0	98.9
185.0	196.3	0	0.0	98.9
196.3	207.5	0	0.0	98.9
207.5	218.8	0	0.0	98.9
218.8	230.0	1	1.1	100.0



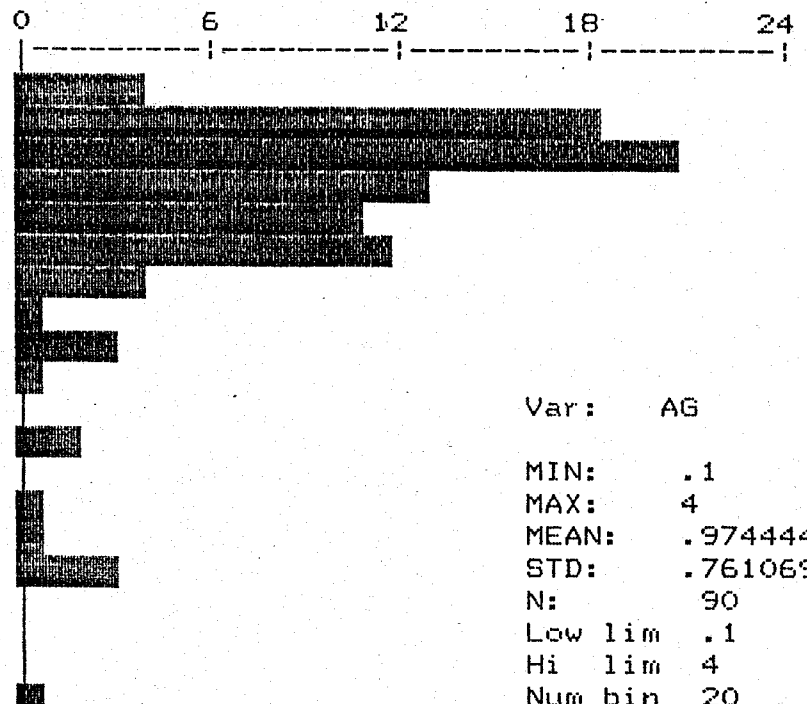
Var: AU  
 MIN: 5  
 MAX: 230  
 MEAN: 12.22222  
 STD: 28.70923  
 N: 90  
 Low lim 5  
 Hi lim 230  
 Num bin 20

LB	UB	#	%	%
0.6988	0.7820	64	71.1	71.1
0.7820	0.8651	0	0.0	71.1
0.8651	0.9482	0	0.0	71.1
0.9482	1.0313	19	21.1	92.2
1.0313	1.1145	0	0.0	92.2
1.1145	1.1976	0	0.0	92.2
1.1976	1.2807	0	0.0	92.2
1.2807	1.3638	1	1.1	93.3
1.3638	1.4470	0	0.0	93.3
1.4470	1.5301	1	1.1	94.4
1.5301	1.6132	1	1.1	95.6
1.6132	1.6963	0	0.0	95.6
1.6963	1.7794	1	1.1	96.7
1.7794	1.8626	0	0.0	96.7
1.8626	1.9457	0	0.0	96.7
1.9457	2.0288	1	1.1	97.8
2.0288	2.1119	0	0.0	97.8
2.1119	2.1951	1	1.1	98.9
2.1951	2.2782	0	0.0	98.9
2.2782	2.3613	1	1.1	100.0



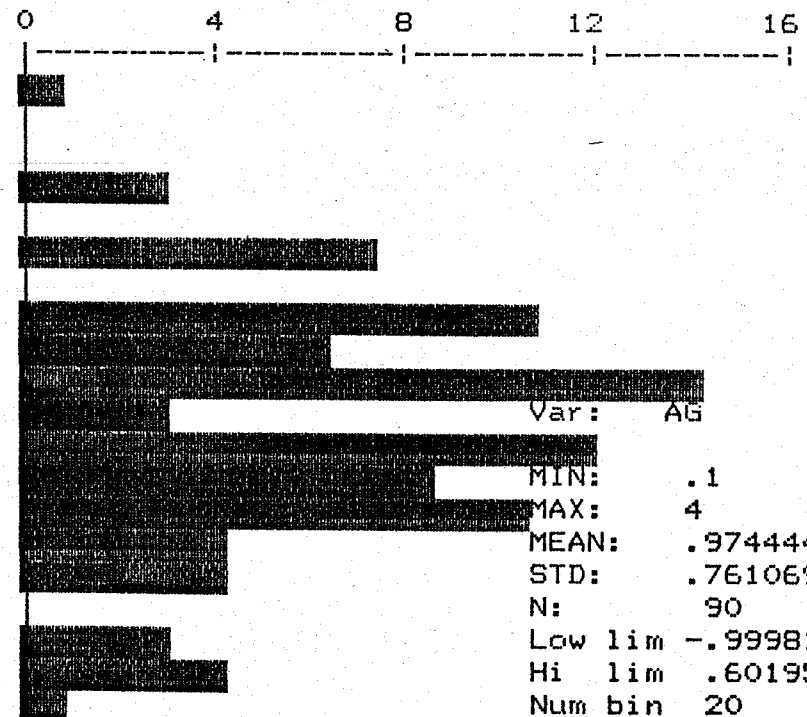
Var: AU  
 MIN: 5  
 MAX: 230  
 MEAN: 12.22222  
 STD: 28.70923  
 N: 90  
 Low lim .6988441  
 Hi lim 2.361303  
 Num bin 20

LB	UB	#	%	%
0.1	0.3	4	4.4	4.4
0.3	0.5	17	18.9	23.3
0.5	0.7	19	21.1	44.4
0.7	0.9	12	13.3	57.8
0.9	1.1	10	11.1	68.9
1.1	1.3	11	12.2	81.1
1.3	1.5	4	4.4	85.6
1.5	1.7	1	1.1	86.7
1.7	1.9	3	3.3	90.0
1.9	2.1	1	1.1	91.1
2.1	2.2	0	0.0	91.1
2.2	2.4	2	2.2	93.3
2.4	2.6	0	0.0	93.3
2.6	2.8	1	1.1	94.4
2.8	3.0	1	1.1	95.6
3.0	3.2	3	3.3	98.9
3.2	3.4	0	0.0	98.9
3.4	3.6	0	0.0	98.9
3.6	3.8	0	0.0	98.9
3.8	4.0	1	1.1	100.0



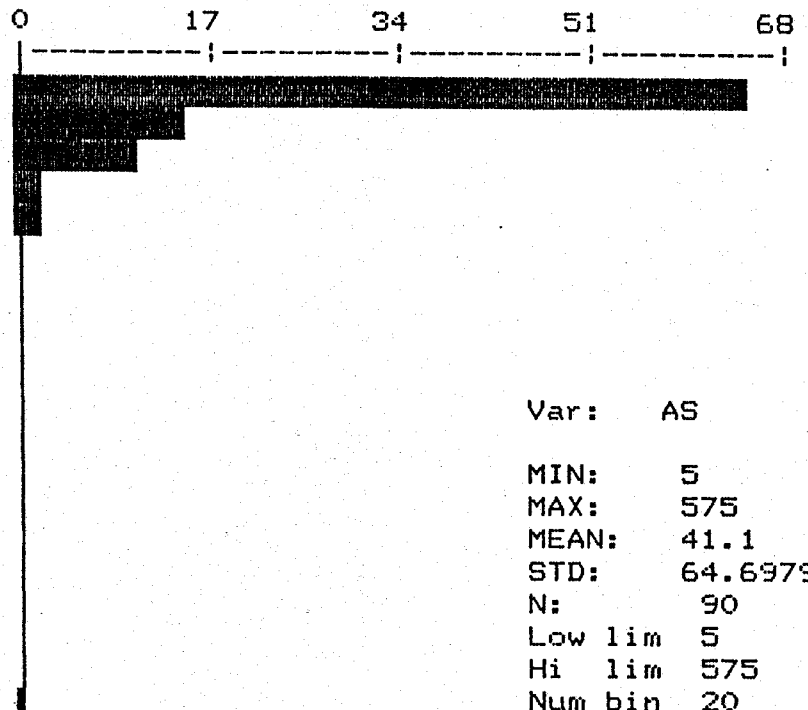
Var: AG  
 MIN: .1  
 MAX: 4  
 MEAN: .9744444  
 STD: .7610699  
 N: 90  
 Low lim .1  
 Hi lim 4  
 Num bin 20

LB	UB	#	%	%
-0.9998	-0.9197	1	1.1	1.1
-0.9197	-0.8396	0	0.0	1.1
-0.8396	-0.7596	0	0.0	1.1
-0.7596	-0.6795	3	3.3	4.4
-0.6795	-0.5994	0	0.0	4.4
-0.5994	-0.5193	7	7.8	12.2
-0.5193	-0.4392	0	0.0	12.2
-0.4392	-0.3591	10	11.1	23.3
-0.3591	-0.2790	6	6.7	30.0
-0.2790	-0.1989	13	14.4	44.4
-0.1989	-0.1188	3	3.3	47.8
-0.1188	-0.0388	11	12.2	60.0
-0.0388	0.0413	8	8.9	68.9
0.0413	0.1214	12	13.3	82.2
0.1214	0.2015	4	4.4	86.7
0.2015	0.2816	4	4.4	91.1
0.2816	0.3617	0	0.0	91.1
0.3617	0.4418	3	3.3	94.4
0.4418	0.5219	4	4.4	98.9
0.5219	0.6020	1	1.1	100.0



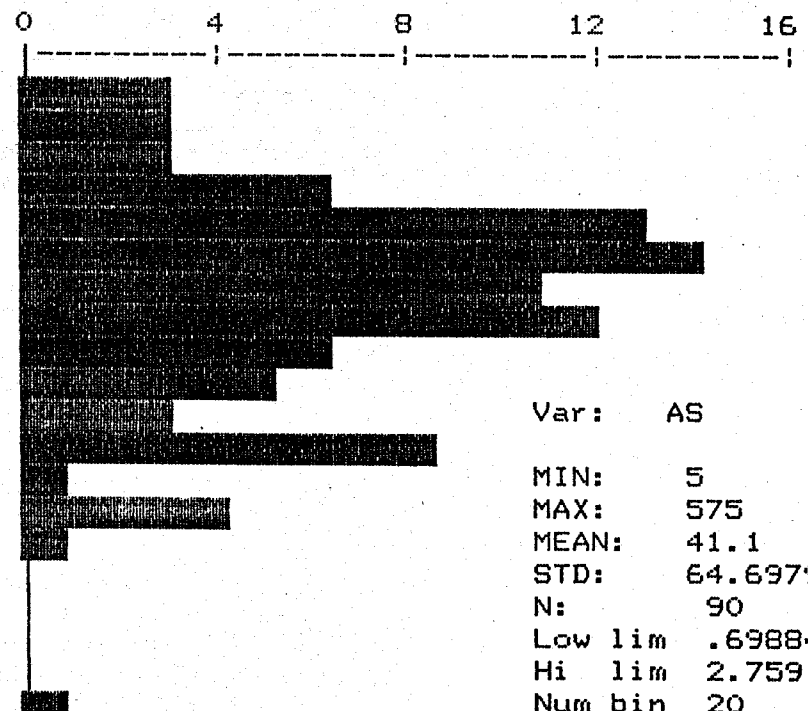
Var: AG  
 MIN: .1  
 MAX: 4  
 MEAN: .9744444  
 STD: .7610699  
 N: 90  
 Low lim -.9998199  
 Hi lim .6019515  
 Num bin 20

LB	UB	#	%	%
5.0	33.5	59	65.6	65.6
33.5	62.0	14	15.6	81.1
62.0	90.5	10	11.1	92.2
90.5	119.0	3	3.3	95.6
119.0	147.5	3	3.3	98.9
147.5	176.0	0	0.0	98.9
176.0	204.5	0	0.0	98.9
204.5	233.0	0	0.0	98.9
233.0	261.5	0	0.0	98.9
261.5	290.0	0	0.0	98.9
290.0	318.5	0	0.0	98.9
318.5	347.0	0	0.0	98.9
347.0	375.5	0	0.0	98.9
375.5	404.0	0	0.0	98.9
404.0	432.5	0	0.0	98.9
432.5	461.0	0	0.0	98.9
461.0	489.5	0	0.0	98.9
489.5	518.0	0	0.0	98.9
518.0	546.5	0	0.0	98.9
546.5	575.0	1	1.1	100.0



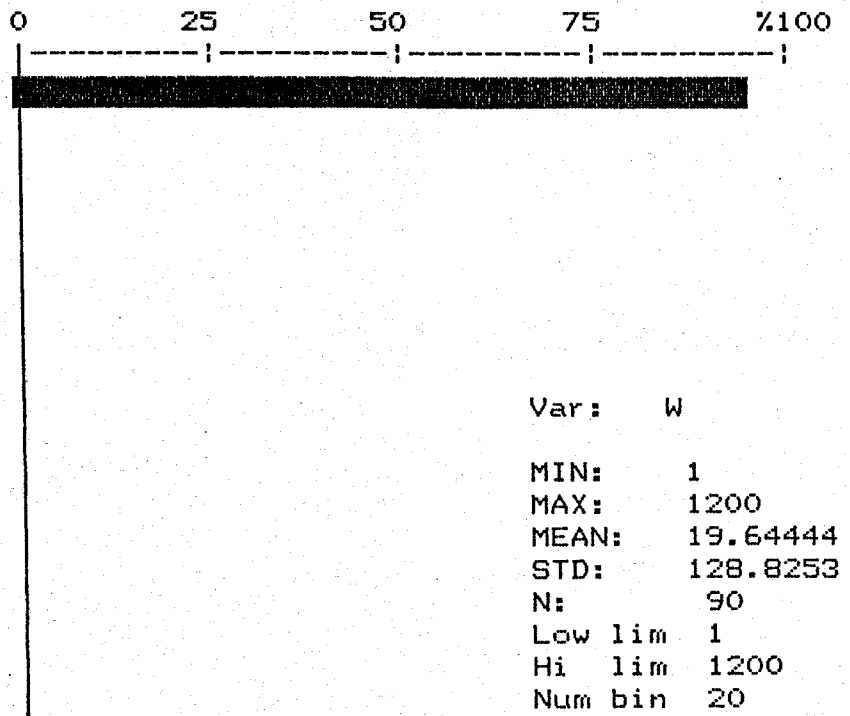
Var: AS  
 MIN: 5  
 MAX: 575  
 MEAN: 41.1  
 STD: 64.69792  
 N: 90  
 Low lim 5  
 Hi lim 575  
 Num bin 20

LB	UB	#	%	%
0.6988	0.8019	3	3.3	3.3
0.8019	0.9049	3	3.3	6.7
0.9049	1.0079	3	3.3	10.0
1.0079	1.1109	6	6.7	16.7
1.1109	1.2139	12	13.3	30.0
1.2139	1.3169	13	14.4	44.4
1.3169	1.4200	10	11.1	55.6
1.4200	1.5230	11	12.2	67.8
1.5230	1.6260	6	6.7	74.4
1.6260	1.7290	5	5.6	80.0
1.7290	1.8320	3	3.3	83.3
1.8320	1.9350	8	8.9	92.2
1.9350	2.0381	1	1.1	93.3
2.0381	2.1411	4	4.4	97.8
2.1411	2.2441	1	1.1	98.9
2.2441	2.3471	0	0.0	98.9
2.3471	2.4501	0	0.0	98.9
2.4501	2.5531	0	0.0	98.9
2.5531	2.6562	0	0.0	98.9
2.6562	2.7592	1	1.1	100.0

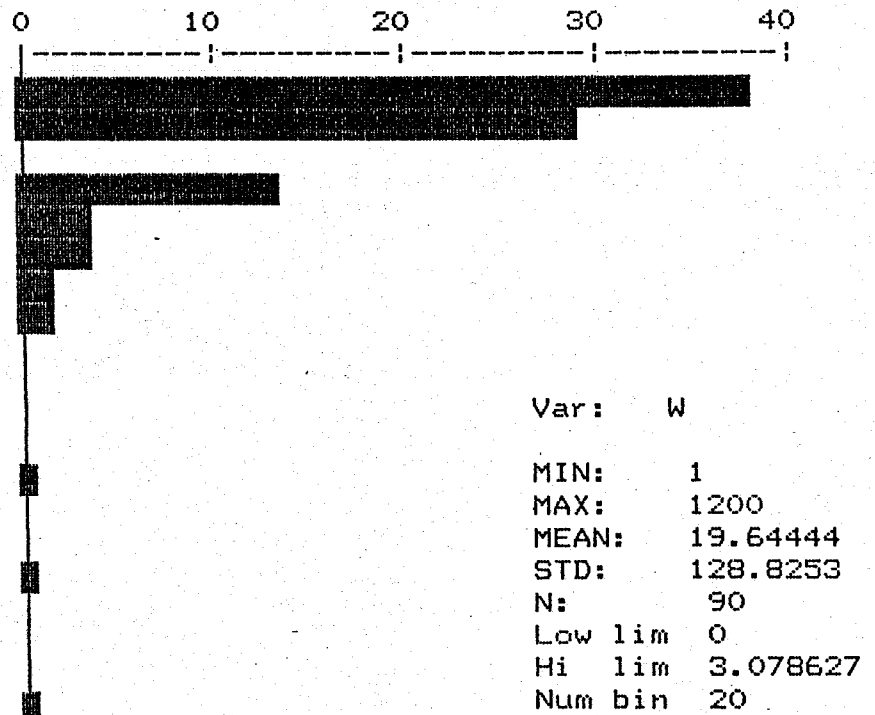


Var: AS  
 MIN: 5  
 MAX: 575  
 MEAN: 41.1  
 STD: 64.69792  
 N: 90  
 Low lim .6988441  
 Hi lim 2.759171  
 Num bin 20

LB	UB	#	%	%
1.0	60.9	87	96.7	96.7
60.9	120.9	1	1.1	97.8
120.9	180.8	0	0.0	97.8
180.8	240.8	0	0.0	97.8
240.8	300.8	1	1.1	98.9
300.8	360.7	0	0.0	98.9
360.7	420.6	0	0.0	98.9
420.7	480.6	0	0.0	98.9
480.6	540.6	0	0.0	98.9
540.6	600.5	0	0.0	98.9
600.5	660.5	0	0.0	98.9
660.4	720.4	0	0.0	98.9
720.4	780.4	0	0.0	98.9
780.4	840.3	0	0.0	98.9
840.3	900.3	0	0.0	98.9
900.3	960.2	0	0.0	98.9
960.2	1020.1	0	0.0	98.9
1020.1	1080.1	0	0.0	98.9
1080.1	1140.0	0	0.0	98.9
1140.0	1200.0	1	1.1	100.0

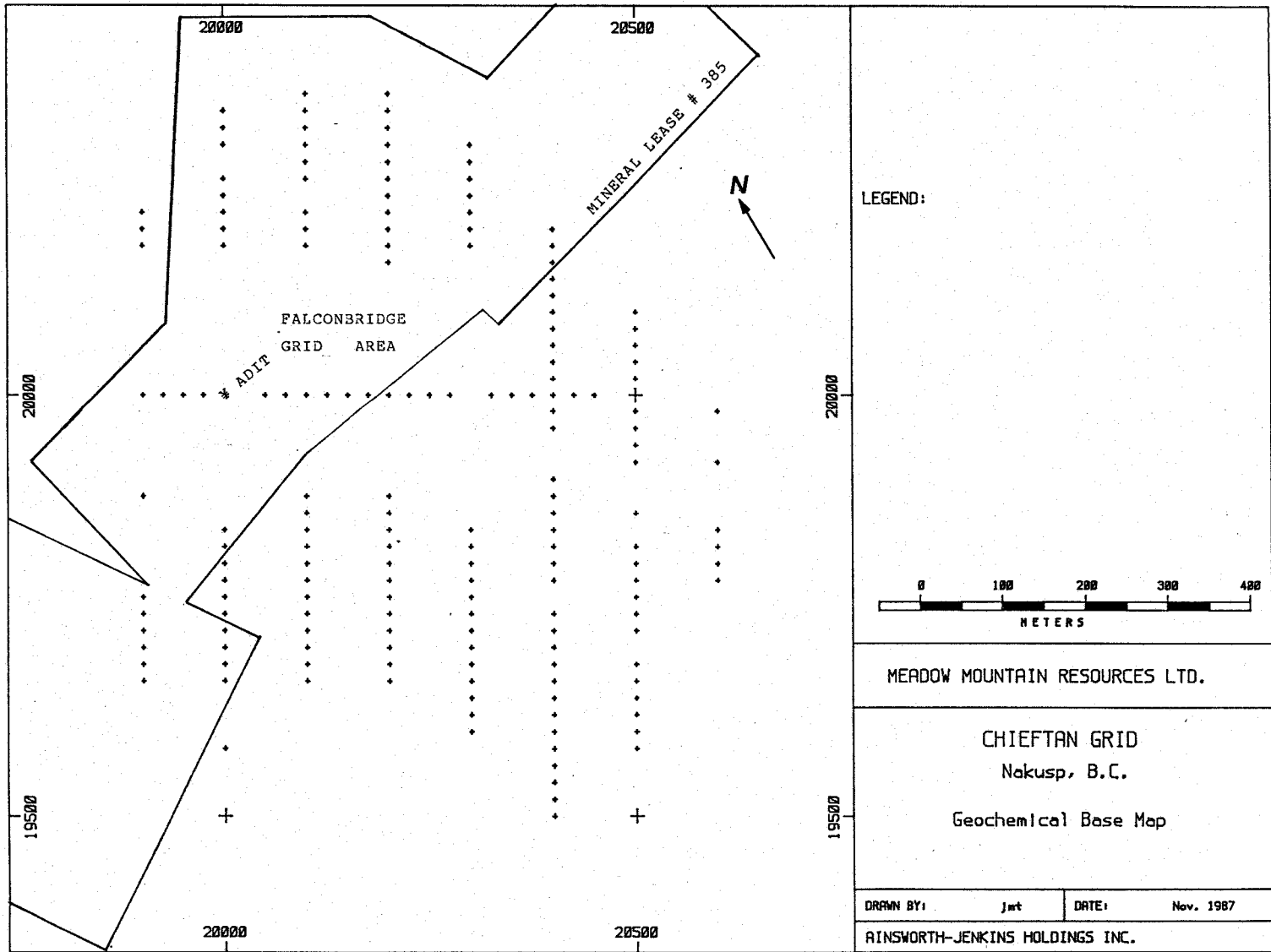


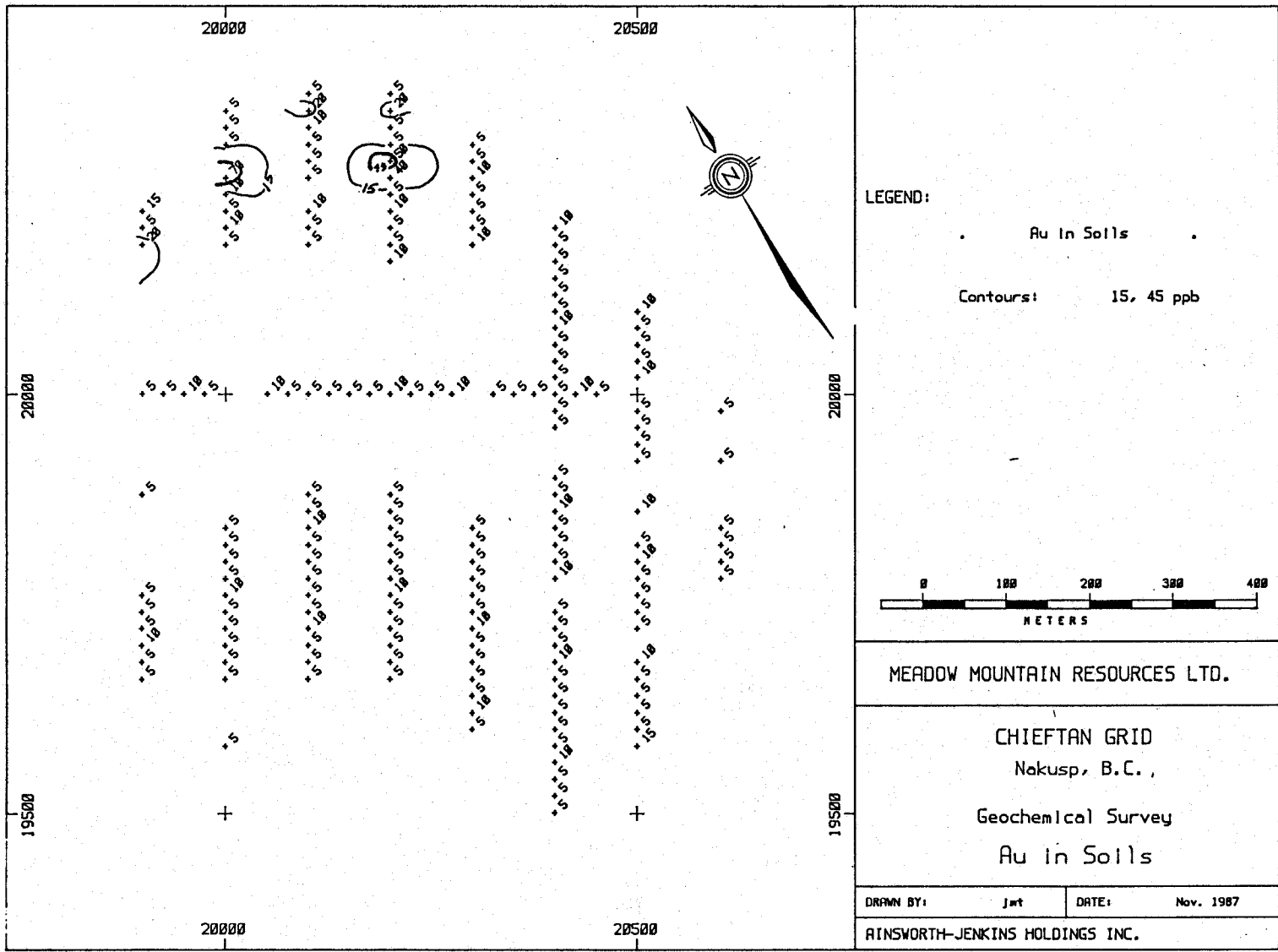
LB	UB	#	%	%
0.0000	0.1539	35	38.9	38.9
0.1539	0.3079	27	30.0	68.9
0.3079	0.4618	0	0.0	68.9
0.4618	0.6157	13	14.4	83.3
0.6157	0.7697	4	4.4	87.8
0.7697	0.9236	4	4.4	92.2
0.9236	1.0775	2	2.2	94.4
1.0775	1.2315	2	2.2	96.7
1.2315	1.3854	0	0.0	96.7
1.3854	1.5393	0	0.0	96.7
1.5393	1.6932	0	0.0	96.7
1.6932	1.8472	0	0.0	96.7
1.8472	2.0011	1	1.1	97.8
2.0011	2.1550	0	0.0	97.8
2.1550	2.3090	0	0.0	97.8
2.3090	2.4629	1	1.1	98.9
2.4629	2.6168	0	0.0	98.9
2.6168	2.7708	0	0.0	98.9
2.7708	2.9247	0	0.0	98.9
2.9247	3.0786	1	1.1	100.0

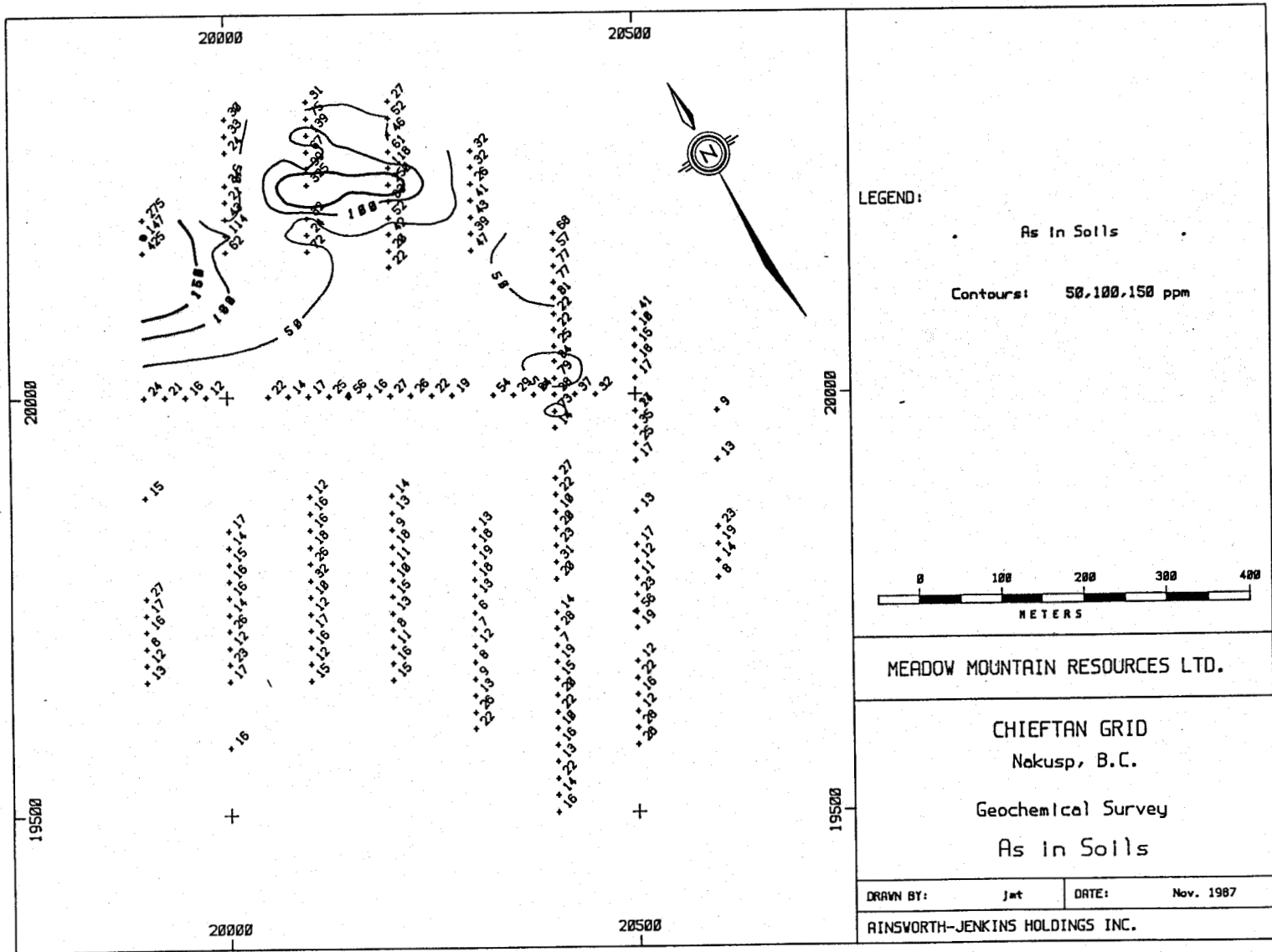


APPENDIX B

GEOCHEMICAL DATA PLOTS  
GEOPHYSICAL DATA PLOTS







LEGEND:

• As in Soils •  
 Contours: 50, 100, 150 ppm



MEADOW MOUNTAIN RESOURCES LTD.

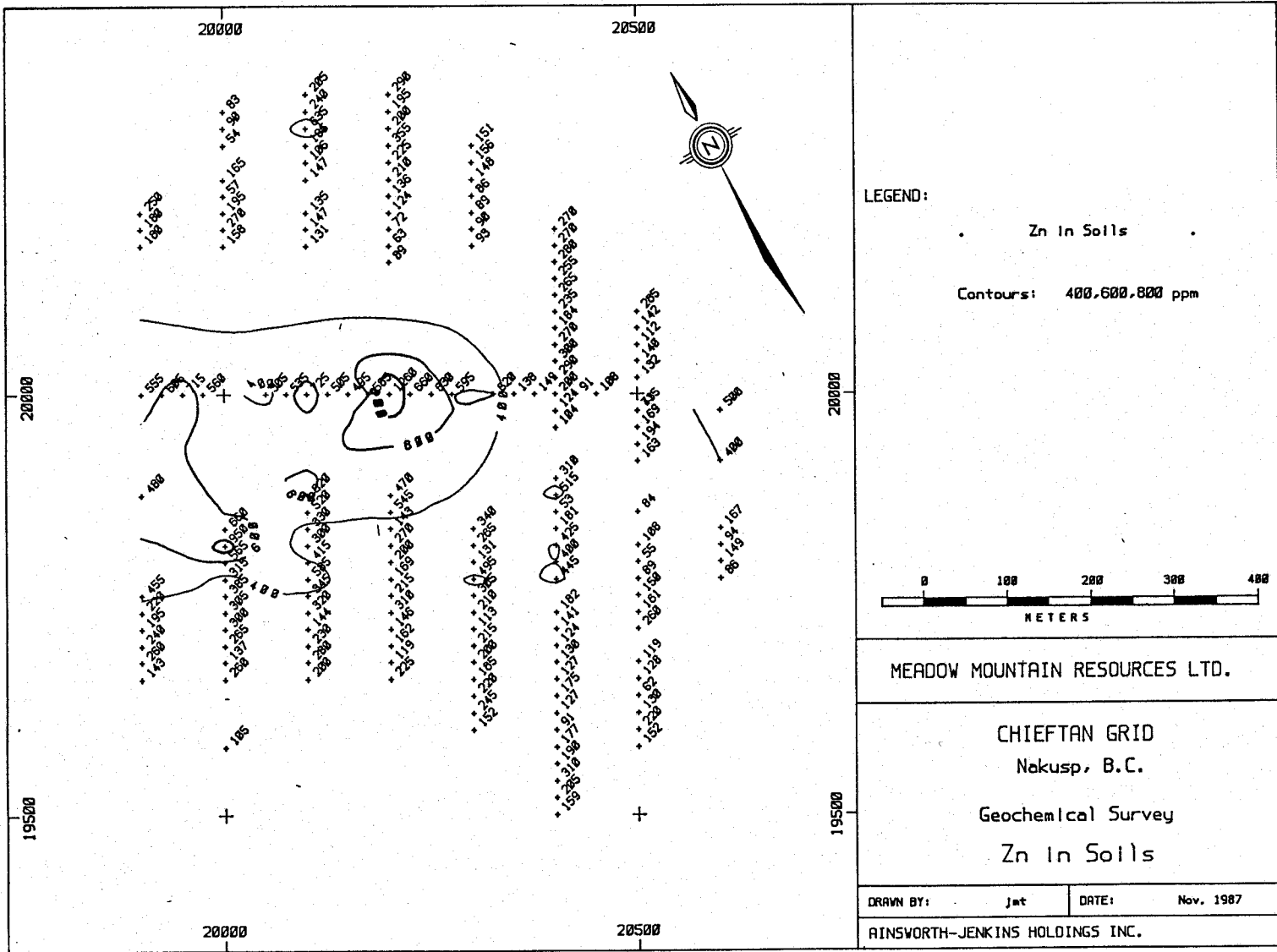
CHIEFTAN GRID  
 Nakusp, B.C.

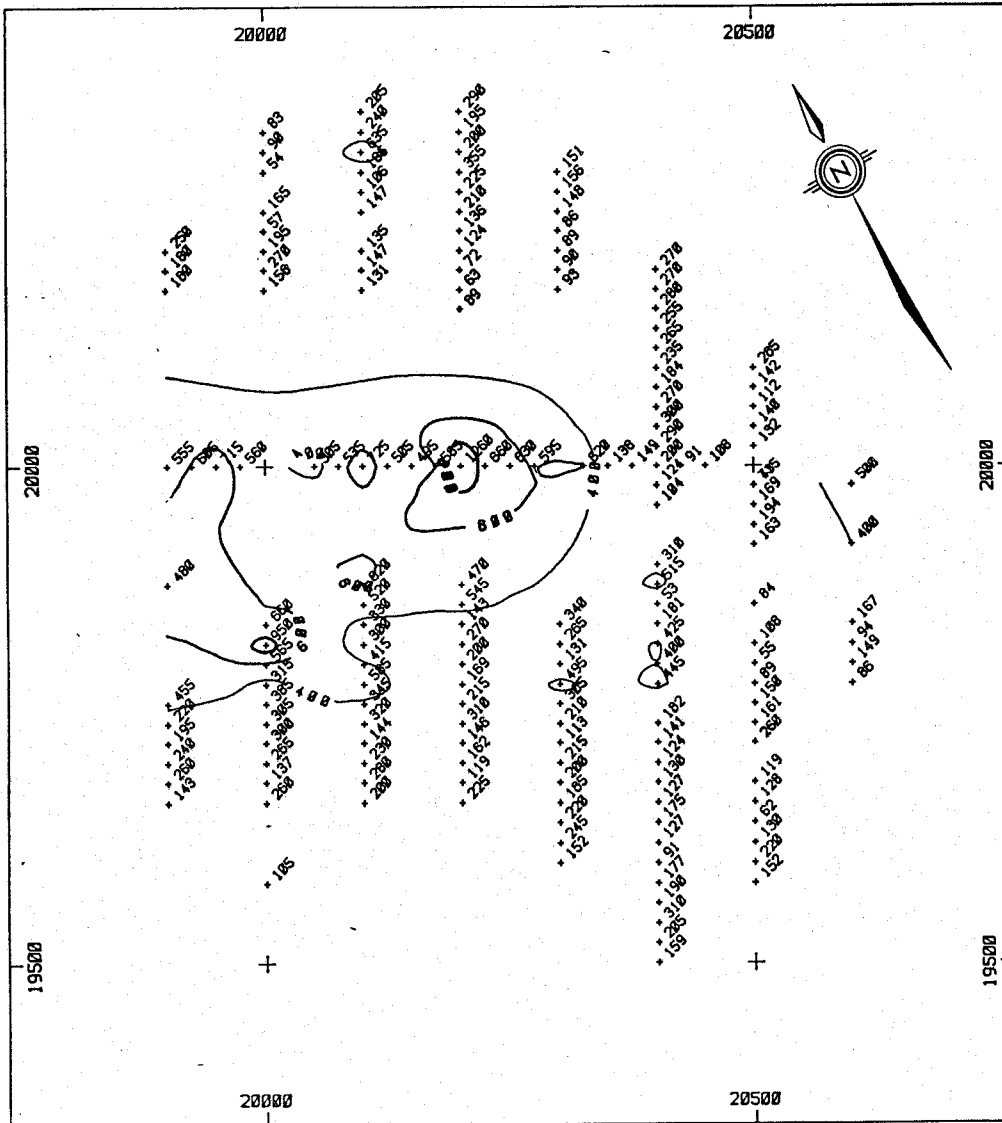
Geochemical Survey  
 As in Soils

DRAWN BY: Jmt      DATE: Nov. 1987

RINSWORTH-JENKINS HOLDINGS INC.



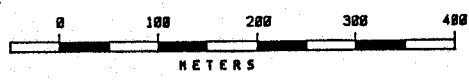




LEGEND:

• Zn In Soils •

Contours: 400, 600, 800 ppm

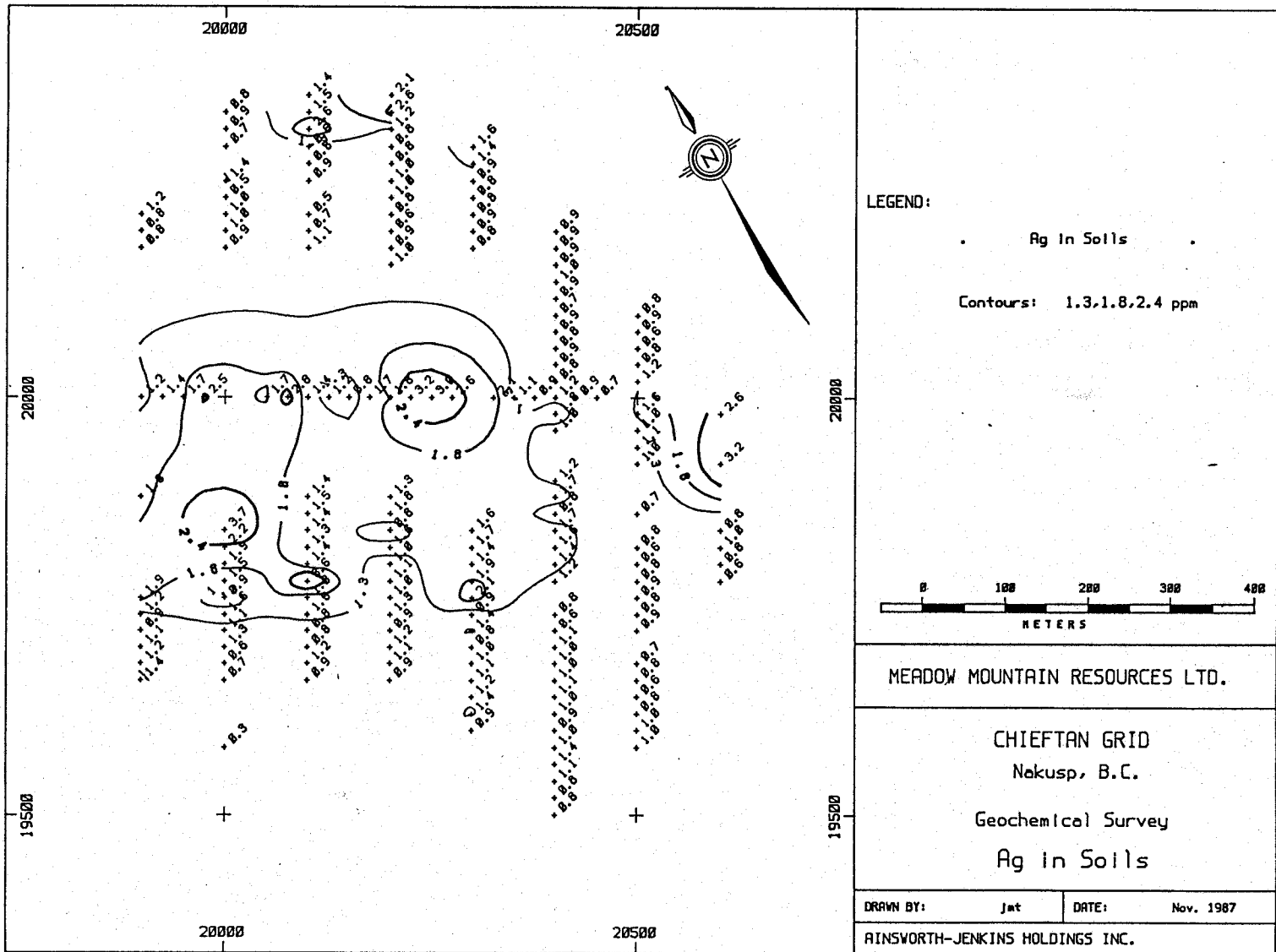


MEADOW MOUNTAIN RESOURCES LTD.

CHIEFTAN GRID  
Nakusp, B.C.

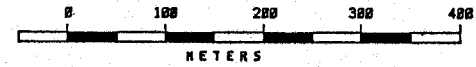
Geochemical Survey  
Zn In Soils

DRAWN BY: jat	DATE: Nov. 1987
RINSWORTH-JENKINS HOLDINGS INC.	



LEGEND:

• Ag In Soils •  
 Contours: 1.3, 1.8, 2.4 ppm



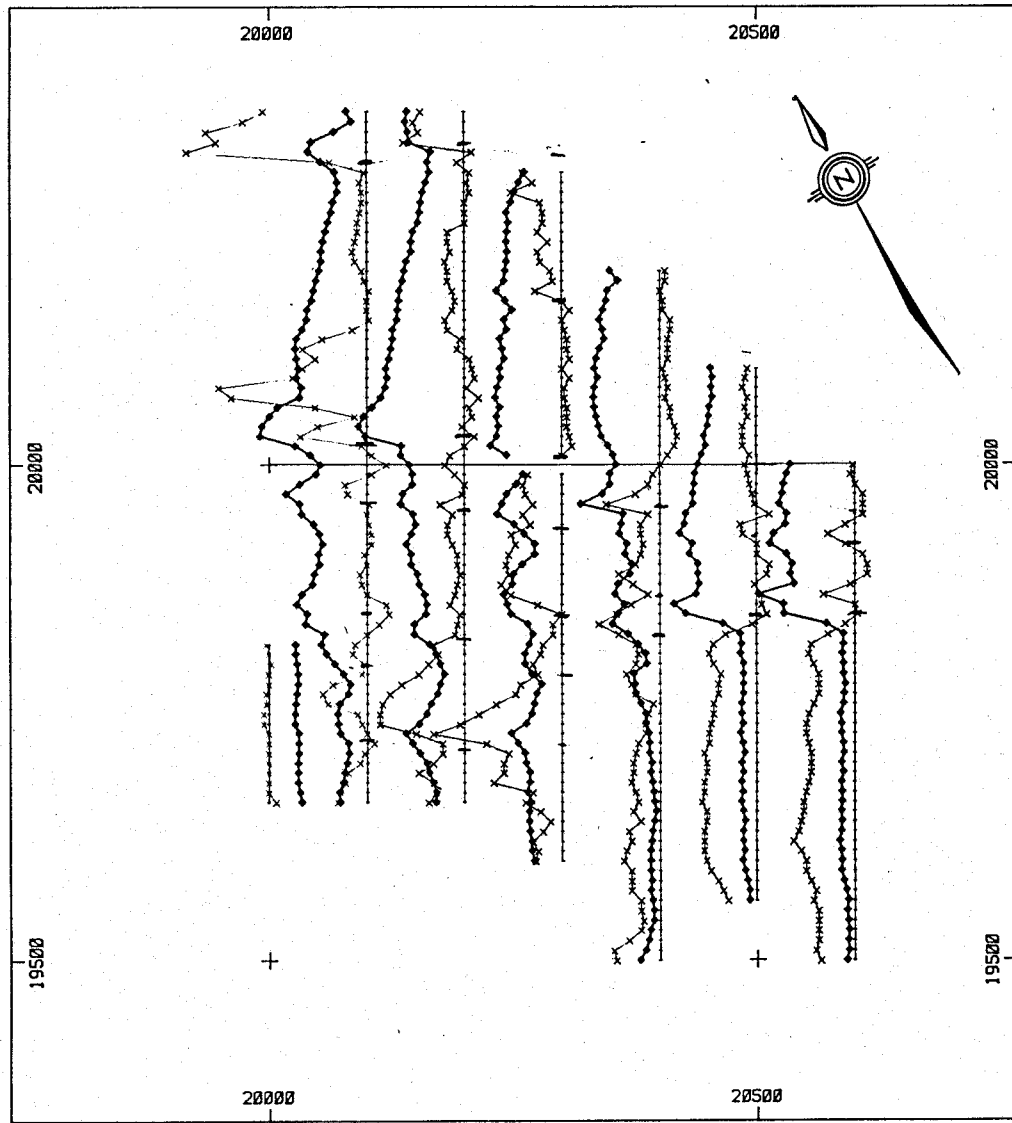
MEADOW MOUNTAIN RESOURCES LTD.

CHIEFTAN GRID  
 Nakusp, B.C.

Geochemical Survey  
 Ag in Soils

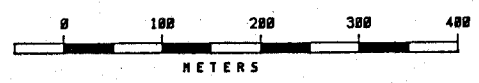
DRAWN BY: Jat DATE: Nov. 1987

AINSWORTH-JENKINS HOLDINGS INC.



LEGEND:

- Station NLK - Seattle - 24.8 kHz
- ◊ . In Phase - 50% / cm
- X . Quadrature - 20% / cm
- Zero % on line
- Positive values to west
- Anomaly locn: point of max. slope with positive values to the south

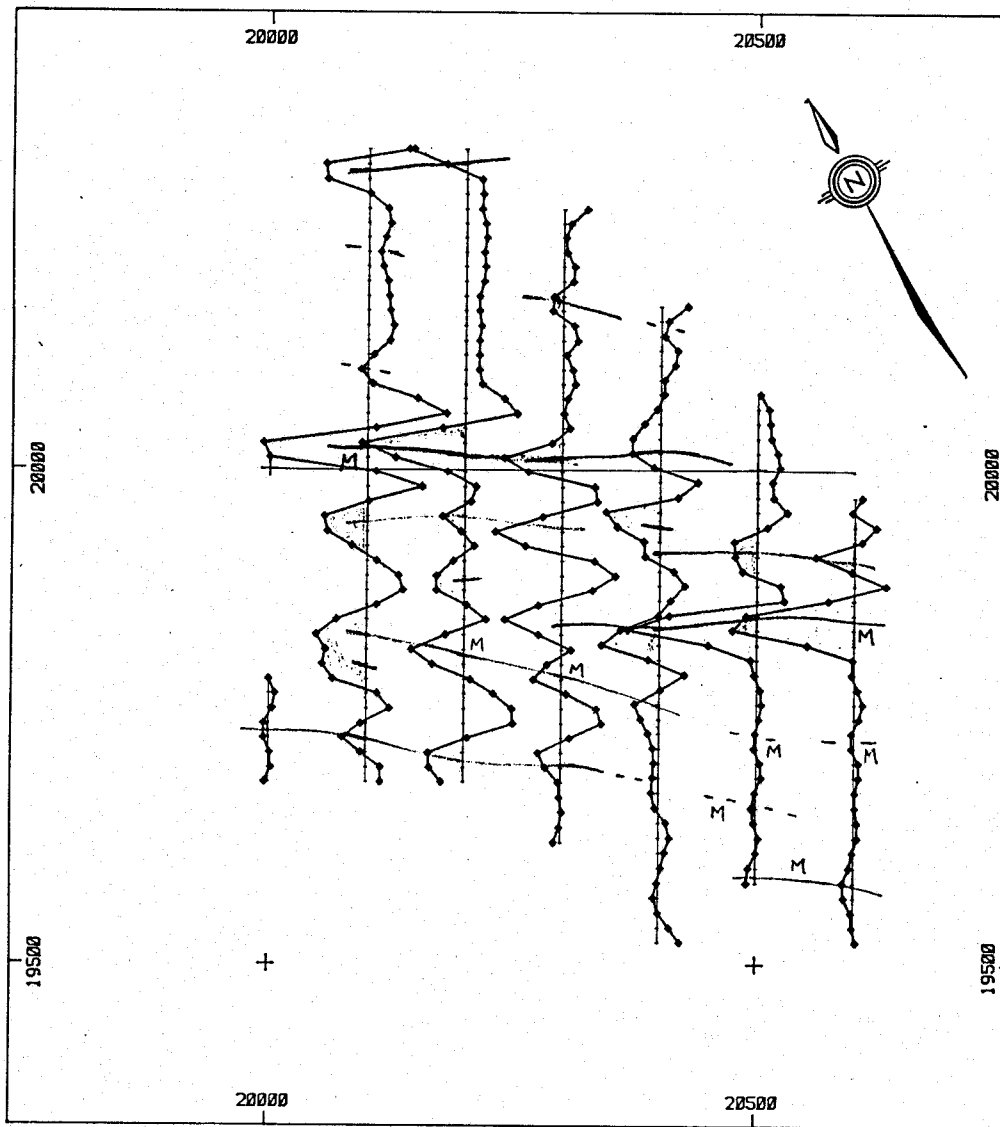


AINSWORTH-JENKINS HOLDINGS INC.

Chieftan Grid  
Nakusp, B.C.

VLF-EM Survey

DRAWN BY:	Jmt	DATE:	Nov. 1987
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LEGEND:

Station: NLK (Seattle) 24.8 kHz

◆ Profile Scale: 1 cm = 40 units

Zero Z on line  
Positive peaks mark locations of anomalies



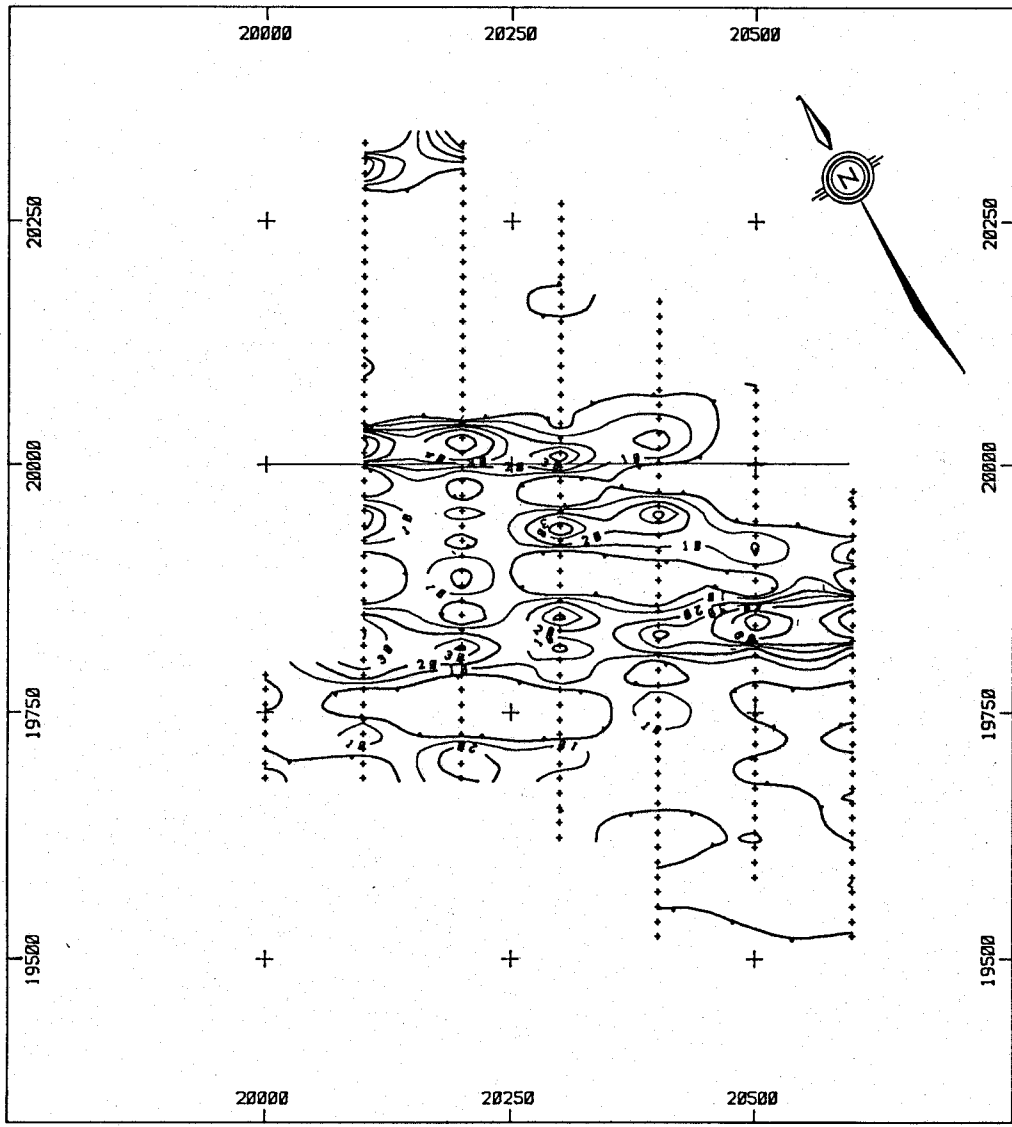
RINSWORTH-JENKINS HOLDINGS INC.

- Chieftan Grid  
Nakusp, B.C.

Ground VLF Survey  
Fraser Filter Profiles

DRAWN BY: Jmt

DATE: Nov. 1987



LEGEND:

Station: NLK - Seattle - 24.8 kHz  
 Equipment: Scintrex VLF-4 (IGS)

Note: Data re-sampled at 15 meter intervals prior to computing values

Contours: 0, 10, 20, 30, 40, 60, 80

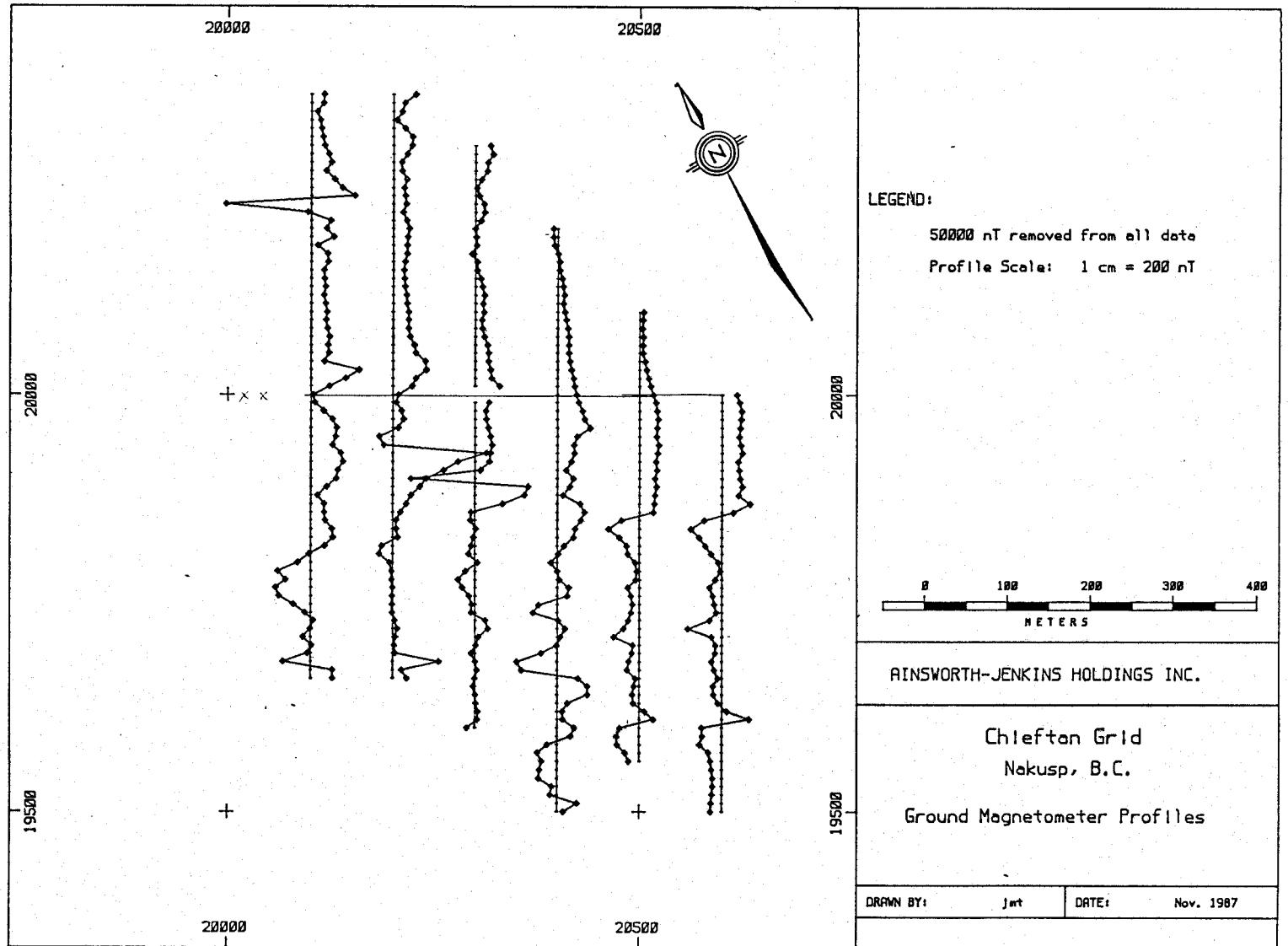


AINSWORTH-JENKINS HOLDINGS INC.

Chieftan Grid  
 Nakusp, B.C.

VLF-EM Survey  
 Fraser Filter Contour Plan

DRAWN BY:	Jat	DATE:	Nov. 1987
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LEGEND:

50000 nT removed from all data  
 Profile Scale: 1 cm = 200 nT

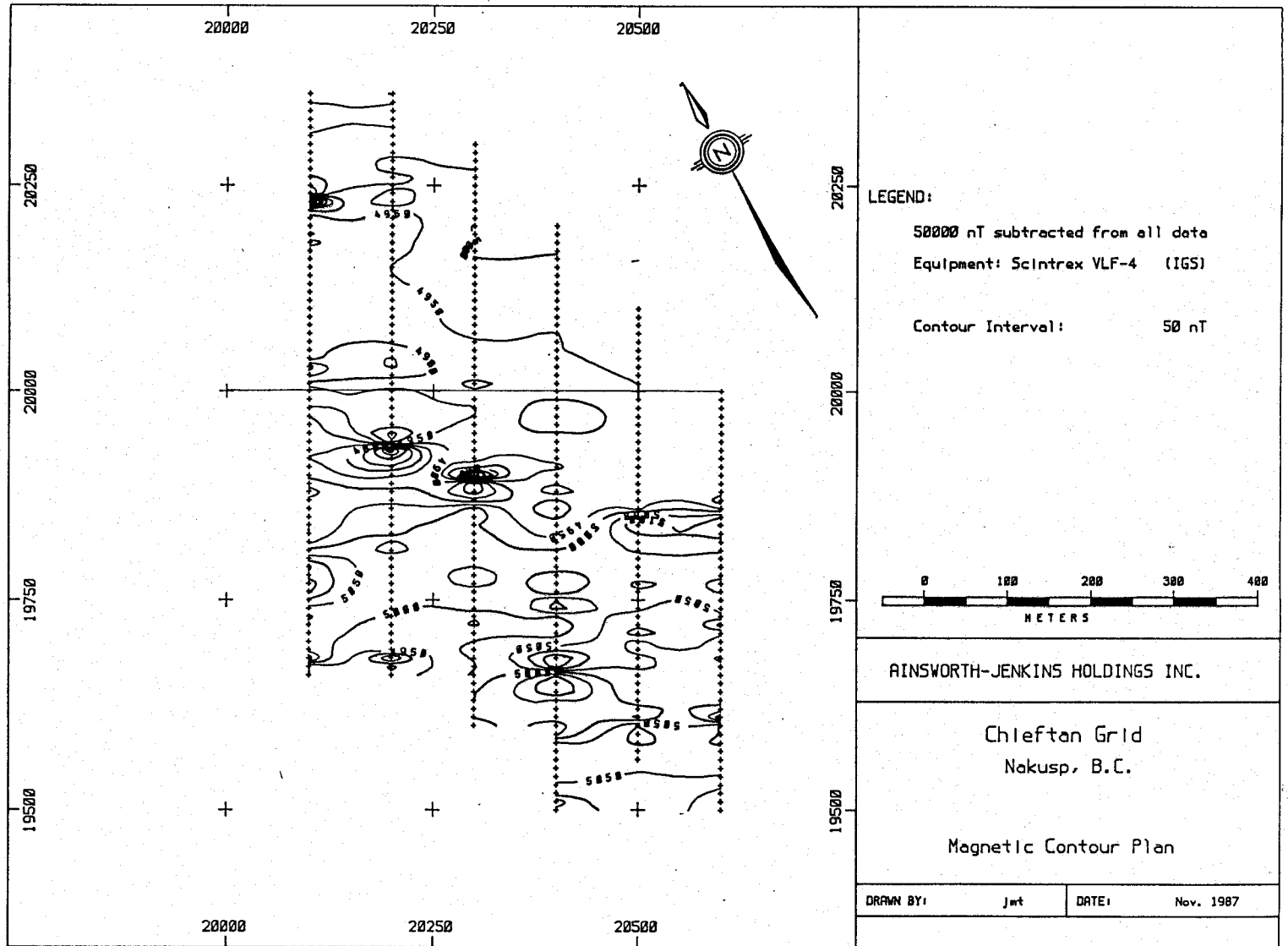


AINSWORTH-JENKINS HOLDINGS INC.

Chieftan Grid  
 Nakusp, B.C.

Ground Magnetometer Profiles

DRAWN BY:	Jmt	DATE:	Nov. 1987
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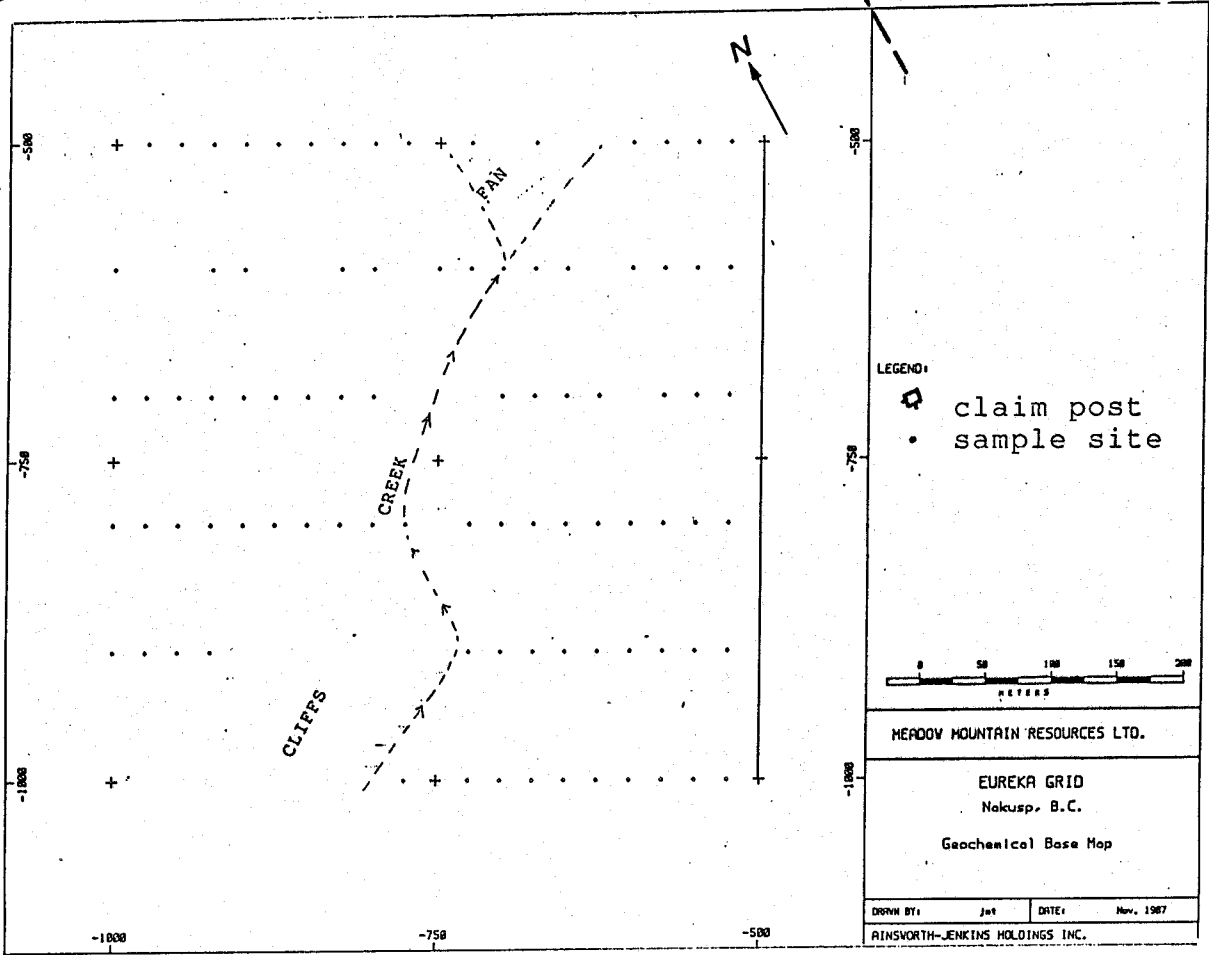


3N 2E

EUREKA 1781 (2)

3N 1E

2N



LEGEND:

- claim post
- sample site



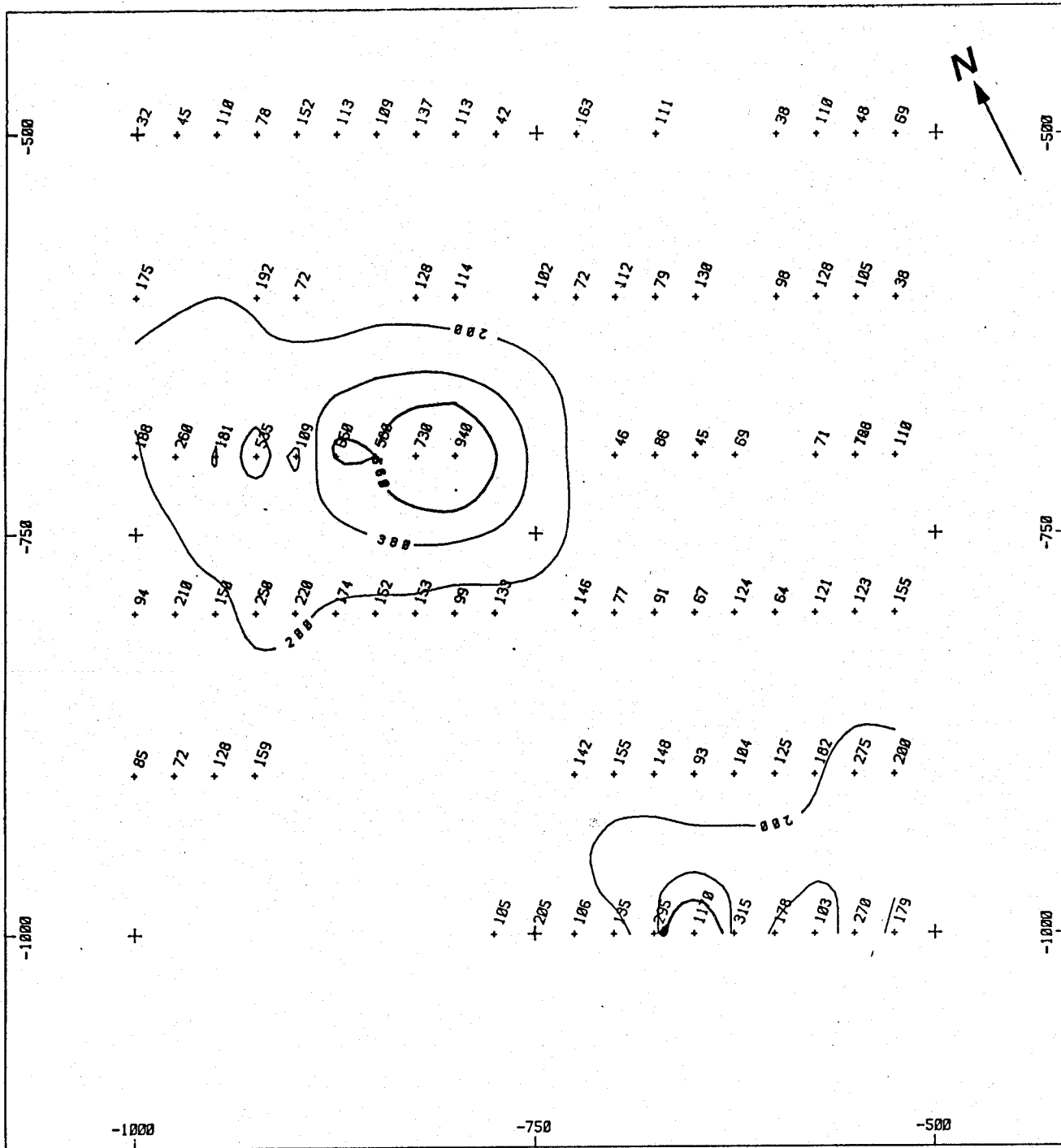
MEADOW MOUNTAIN RESOURCES LTD.

EUREKA GRID  
Nekusp, B.C.

Geochemical Base Map

DRAWN BY: jst      DATE: Nov. 1987

AINSWORTH-JENKINS HOLDINGS INC.



LEGEND:

Zn in Soils

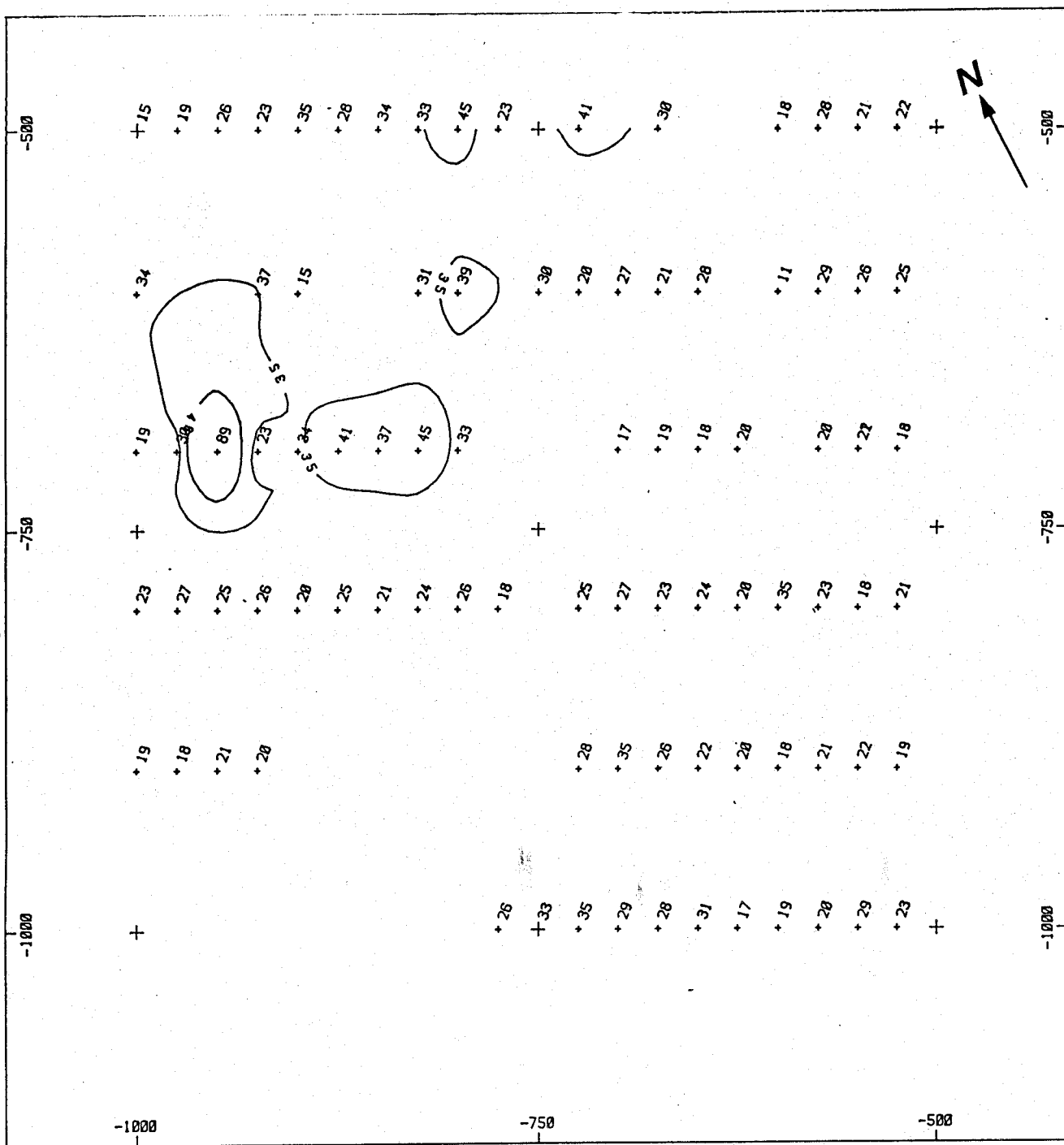
Contours: 200, 300, 560 ppm



MEADOW MOUNTAIN RESOURCES LTD.

EUREKA GRID  
Nakusp, B.C.  
Geochemical Survey  
Zn In Soils

DRAWN BY: Jnt      DATE: Nov. 1987  
AINSWORTH-JENKINS HOLDINGS INC.



LEGEND:

- Pb In Soils •
- Contours: 35, 46 ppm



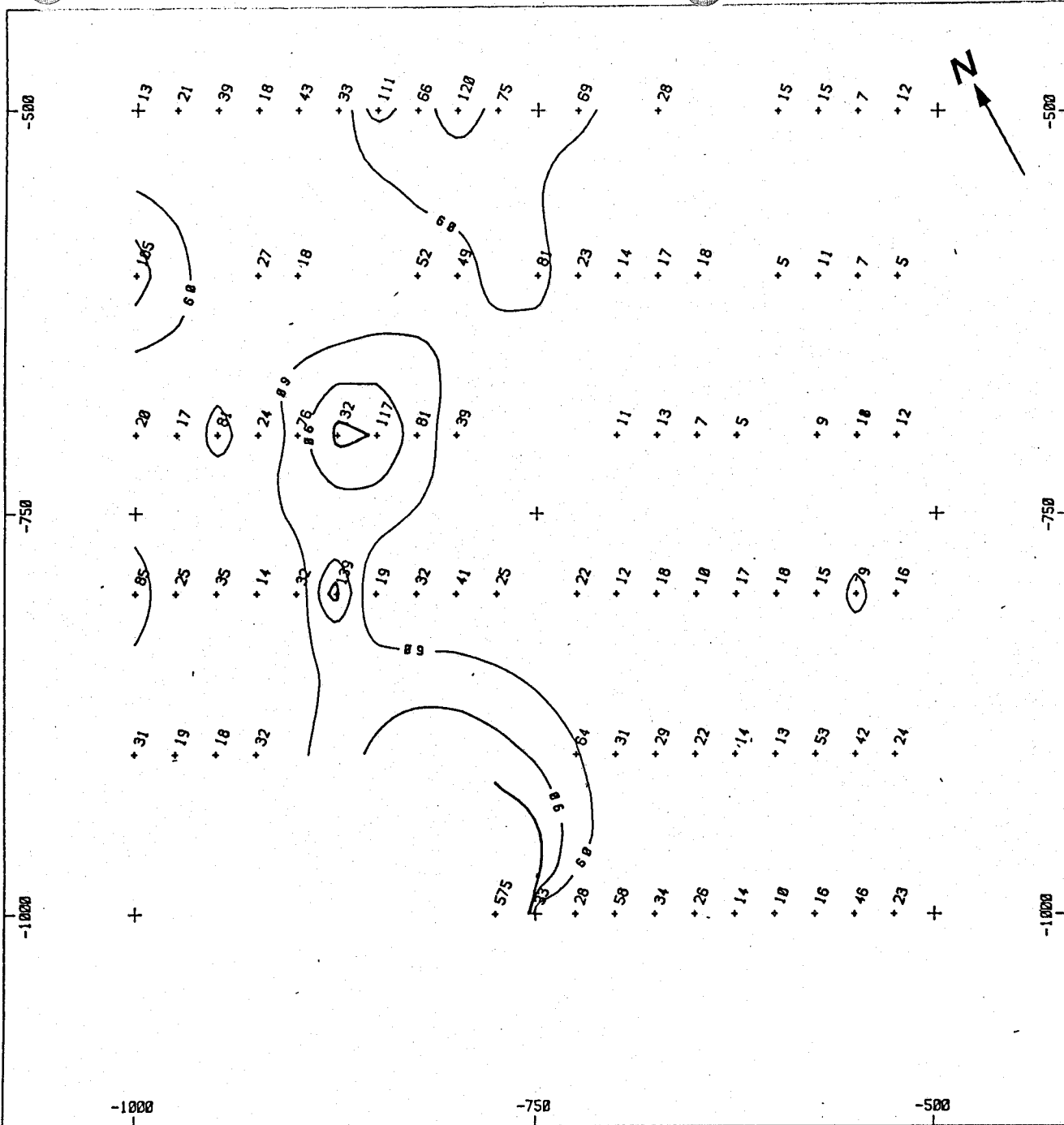
MEADOW MOUNTAIN RESOURCES LTD.

EUREKA GRID  
Nakusp, B.C.

Geochemical Survey  
Pb In Soils

DRAWN BY: jmt      DATE: Nov. 1987

RINSWORTH-JENKINS HOLDINGS INC.



LEGEND:

- As in Soils
- Contours: 68, 90, 128 ppm

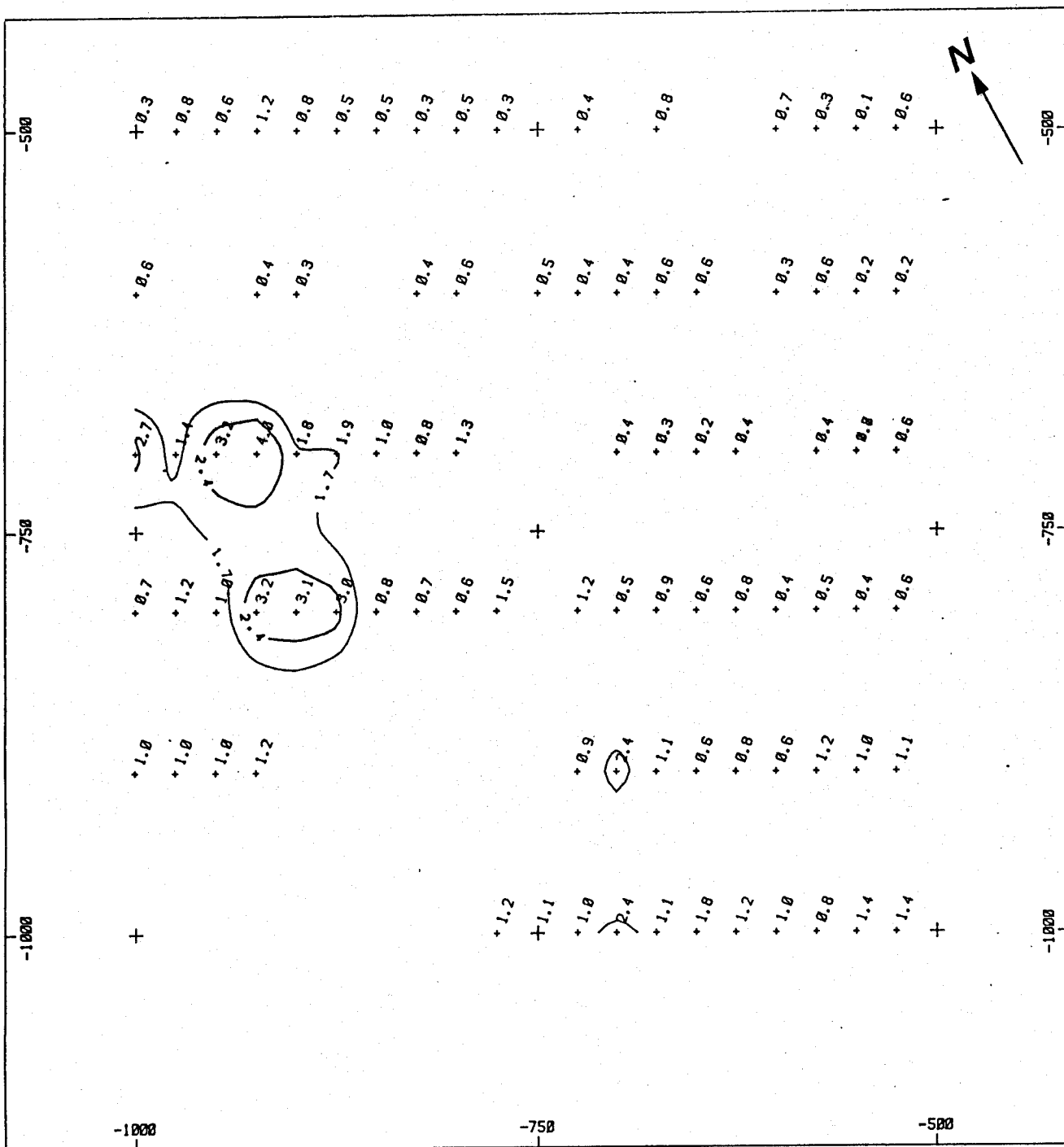


MEADOW MOUNTAIN RESOURCES LTD.

EUREKA GRID  
Nakusp, B.C.  
Geochemical Survey  
As in Soils

DRAWN BY: Jmt      DATE: Nov. 1987

RINSWORTH-JENKINS HOLDINGS INC.



LEGEND:

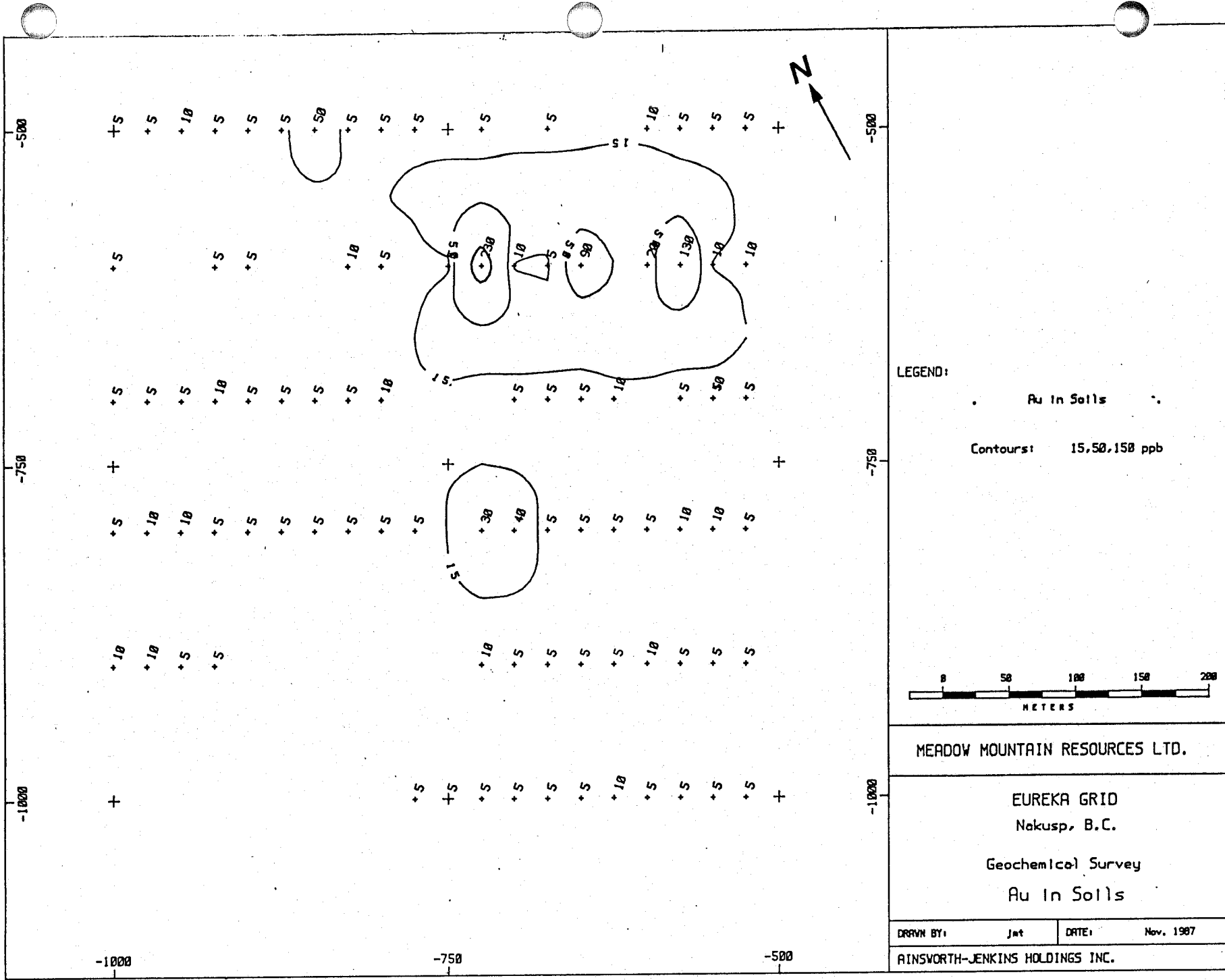
• Ag In Soils •  
 Contours: 1.7, 2.4 ppm



MEADOW MOUNTAIN RESOURCES LTD.

EUREKA GRID  
 Nokusp, B.C.  
 Geochemical Survey  
 Ag In Soils

DRAWN BY:	Jmt	DATE:	Nov. 1987
AINSWORTH-JENKINS HOLDINGS INC.			



LEGEND:

• Au In Soils •  
 Contours: 15, 50, 150 ppb

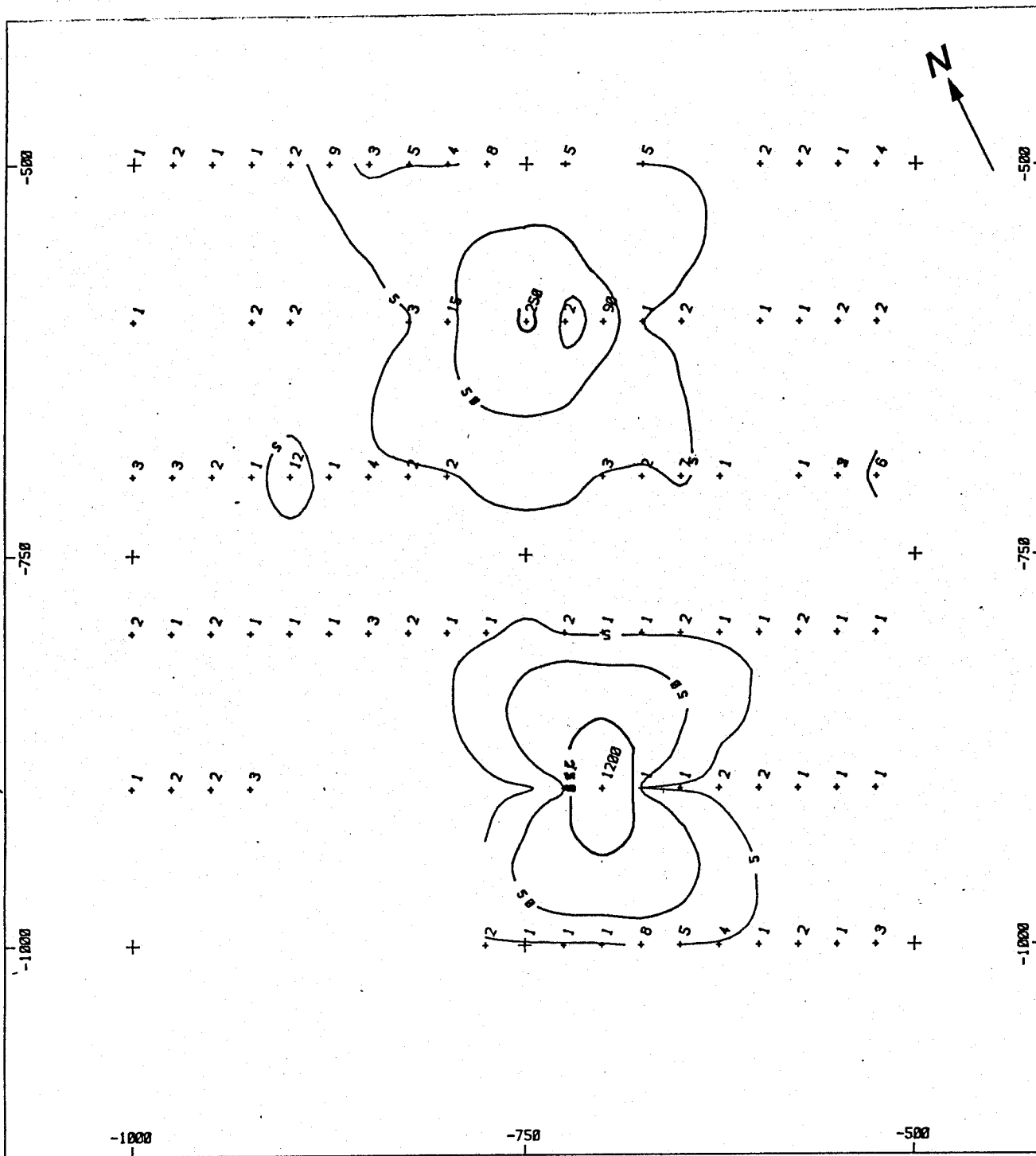


MEADOW MOUNTAIN RESOURCES LTD.

EUREKA GRID  
 Nakusp, B.C.  
 Geochemical Survey  
 Au In Soils

DRAWN BY: Jet DATE: Nov. 1987

RINSWORTH-JENKINS HOLDINGS INC.



LEGEND:

- W in Soils
- Contours: 5, 8, 10, 15, 20 ppm

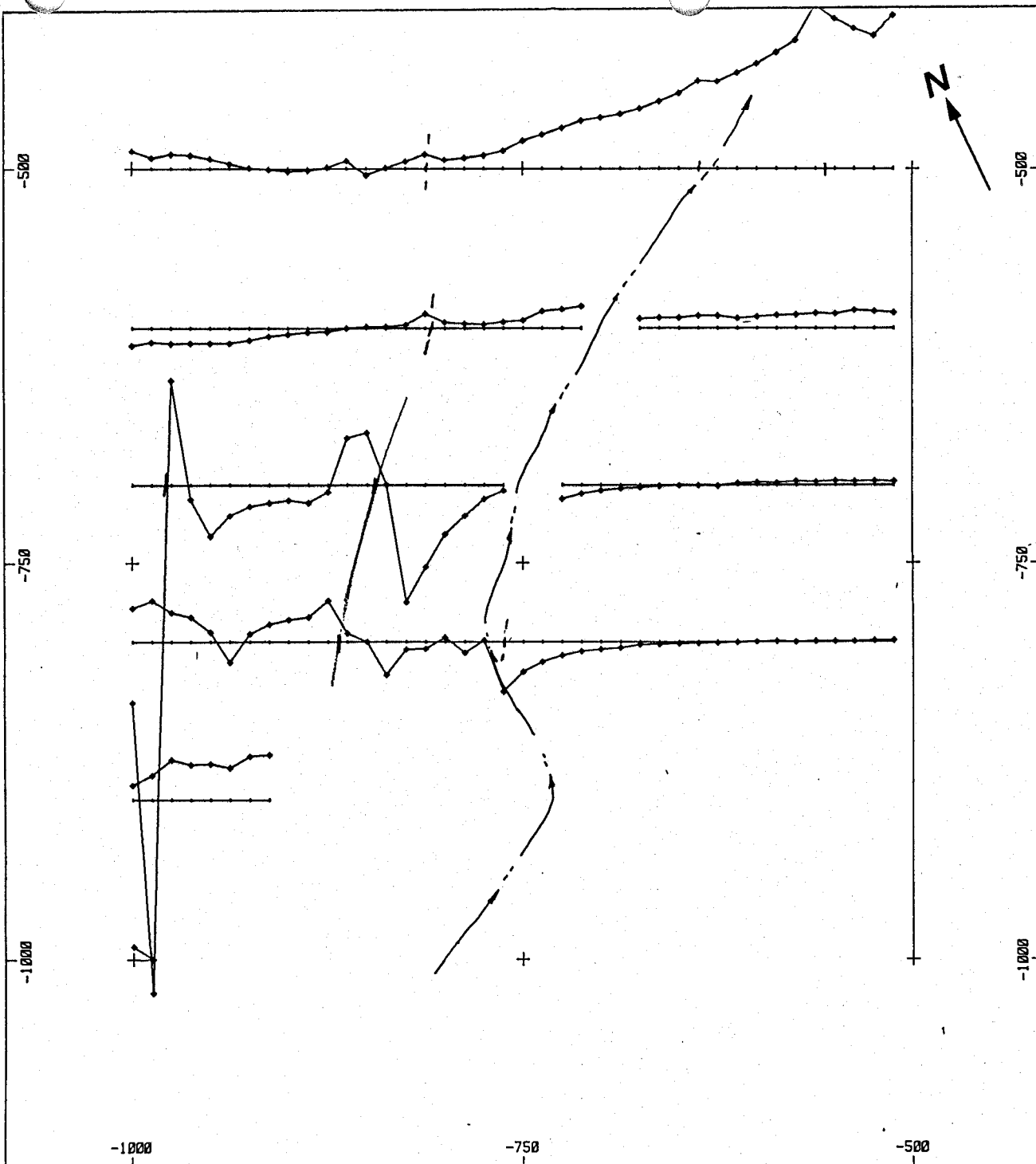


MEADOW MOUNTAIN RESOURCES LTD.

EUREKA GRID  
 Nakusp, B.C.  
 Geochemical Survey  
 W in Soils

DRAWN BY: Jmt      DATE: Nov. 1987

RINSWORTH-JENKINS HOLDINGS INC.



LEGEND:

Profile Scale: 1 cm = 200 nT  
 Base Level: 55000 nT

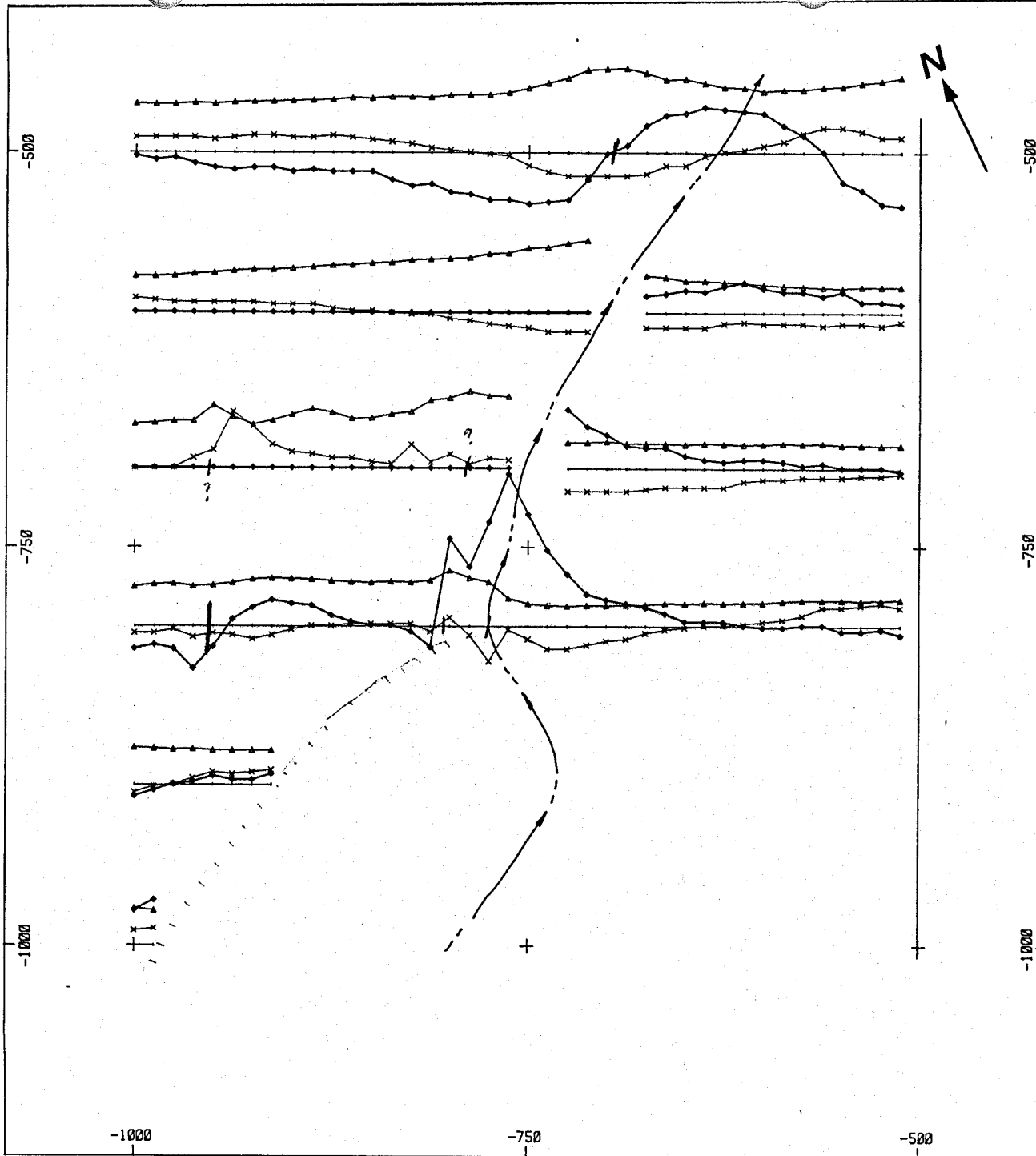


AINSWORTH-JENKINS HOLDINGS INC.

EUREKA GRID  
 Nakusp, B.C.  
 Ground Magnetometer Survey

DRAWN BY:	Jnt	DATE:	Nov. 1987
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LEGEND:

- Station NLK -Seattle - 24.8 kHz
- ◊ . In Phase - 20% / cm
- X . Quadrature - 20% / cm
- Δ . Field Strength 50 / cm
- Positive values to north
- Anomaly locn: point of max. slope
- with positive values to the east



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EUREKA GRID  
 Nakusp, B.C.  
 VLF-EM Survey

DRAWN BY:	Jat	DATE:	Nov. 1967
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