ARIS SUMMARY SHEET

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	District Geol	logist, Nelson Off Confidential	: 90.02.01
	ASSESSMENT RE	SPORT 18344 MINING DIVISION: Slocan	
	PROPERTY: LOCATION:	Chieftain LAT 50 02 40 LONG 117 41 00 UTM 11 5543577 451071 NTS 082K04E 082F13E	
	CAMP:	007 Tillicum Mountain Area	
	CLAIM(S): OPERATOR(S): AUTHOR(S): REPORT YEAR: COMMODITIES		
-	SEARCHED FOR: KEYWORDS:	: Gold,Silver,Copper,Lead,Zinc Triassic,Jurassic,Slocan Group,Meadow Mountain Stock Quartz Diorite,Gold,Silver	
	EMĞ MAG ROA		
	LATED REPORTS: MINFILE:	16967 082KSW054	

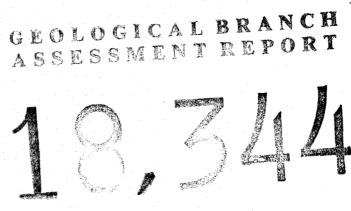
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	Trenching and Geophysical Report	
	Eureka and Chieftain Claims of Western Canadian Land Corp.	
SUB-RECORDER RECEIVED	for	
FEB 0 1 1989	Meadow Mountain Resources Ltd.	
M.R. # VANCOUVER, B.C.	Slocan Mining Division, B.C.	
CVER, B.C.	NTS 82/K/4	

by

Ainsworth-Jenkins Holdings Inc.



December 1988

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D.M.Jenkins

Table of Contents

1.	SUMMARY1
2.	INTRODUCTION
	The Property
	Location and Access7
	History of Property8
	Geology9
7.	Mineralization
	1988 Work Program. 12 8.1. Geophysical Survey: 13 8.2. Trenching Survey: 13 RESULTS: 14
10.	Synthesis of Results:
11.	STATEMENT OF COSTS
12.	Bibliography22
13.	Certificate
App	endices
	GEOCHEMICAL ANALYSES
Li	st of Figures
1B 1C 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	GEOLOGY MAP
14.	U. n . k

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 sulfides, 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 sulfide 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 precious 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 trenching and geophysical surveys was carried out in the period 7 September and 28 October 1988. The objective of this work was to amplify and complete one of the grids explored by Meadow Mountain in 1987 and to expose the sources of some of the geophysical and geochemical anomalies defined in that work. Concordant geochemical and geophysical anomalies on the Chieftain claims indicate potential for mineralization of economic importance. A work program comprising back-hoe trenching and sampling was recommended by Ainsworth and Howard in reports on the property.

2. INTRODUCTION

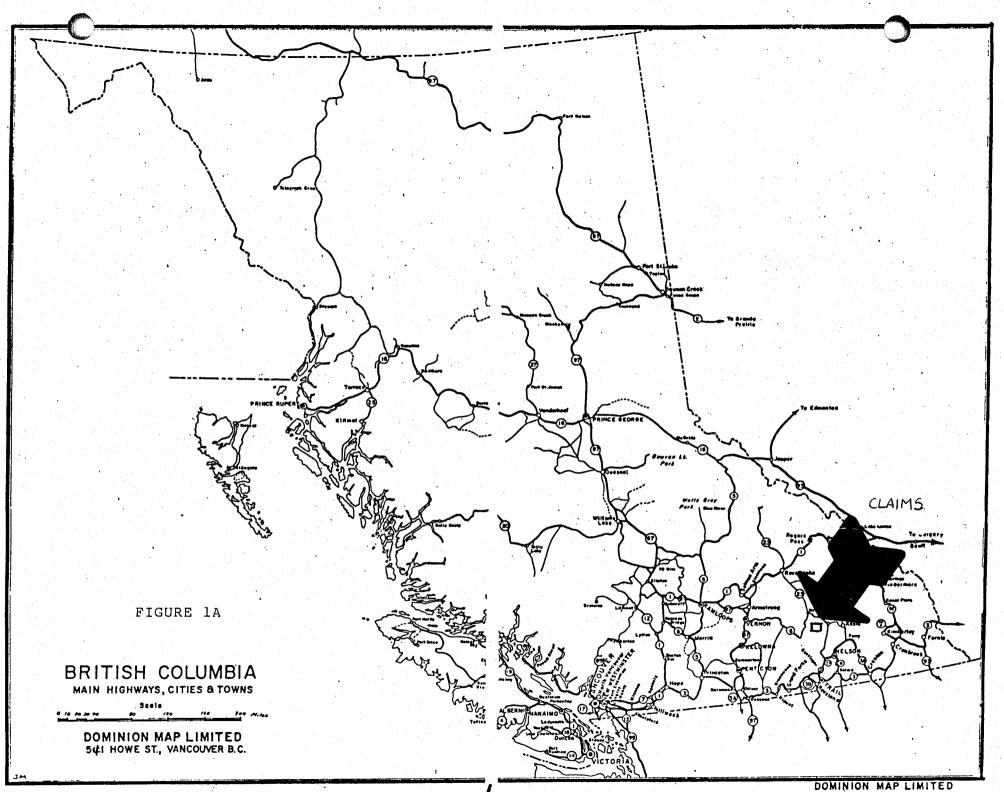
Meadow Mountain Resources Ltd. has an option to acquire a 50% interest in the 60% interest that Golden Pyramid Resources may earn in 34 claims and 4 mineral leases held by Western Canadian Land Corporation. Western Canadian Land Corporation is the successor company to Nakusp Resources Ltd. that caused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

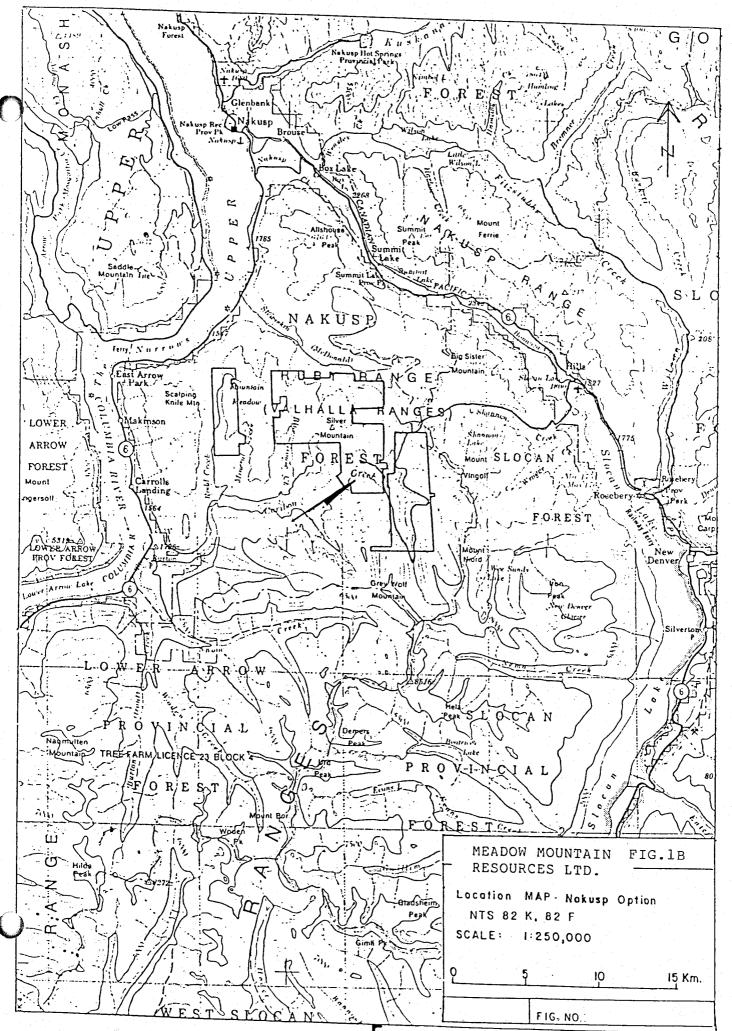
This report reviews the earlier work and discusses the results of programs carried out in the period 7th September and 28th October, 1988. This report is based on a personal examination of the subject property and a complete review of the new data generated by those programs. Work on the property was carried out by four Exploration technicians under the supervision of B. Ainsworth P.Eng and D.M.Jenkins F.G.A.C.. Day to day supervision in the field was the responsibility of D. Detels and G.Bowes, Exploration Technicians with 6 and 9 years experience respectively.

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.

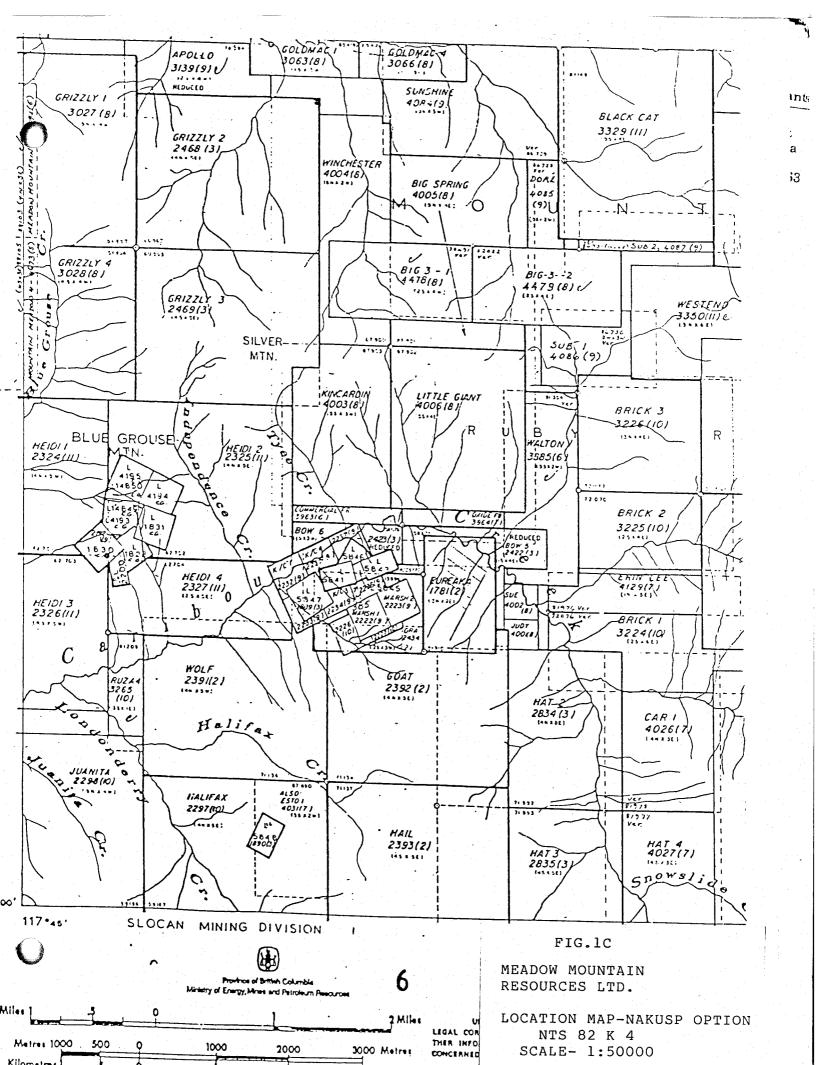
This report describes work carried out on the Eureka Claim and Mineral Lease #385, which includes the Chieftain Crown Grant on and around which the Chieftain Grid was established.





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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° 02.6' 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. Elevations on the mineral lease range up to approximately 1400 m. 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. announced plans 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.

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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 sulfides, 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.

The Chieftain vein was first staked in 1980 and was subsequently developed by two adits and a shaft.

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 define the targets tested with the trenching herein reported.

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 on the Nakusp Option 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.

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 Eureka and Chieftain claims are 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.

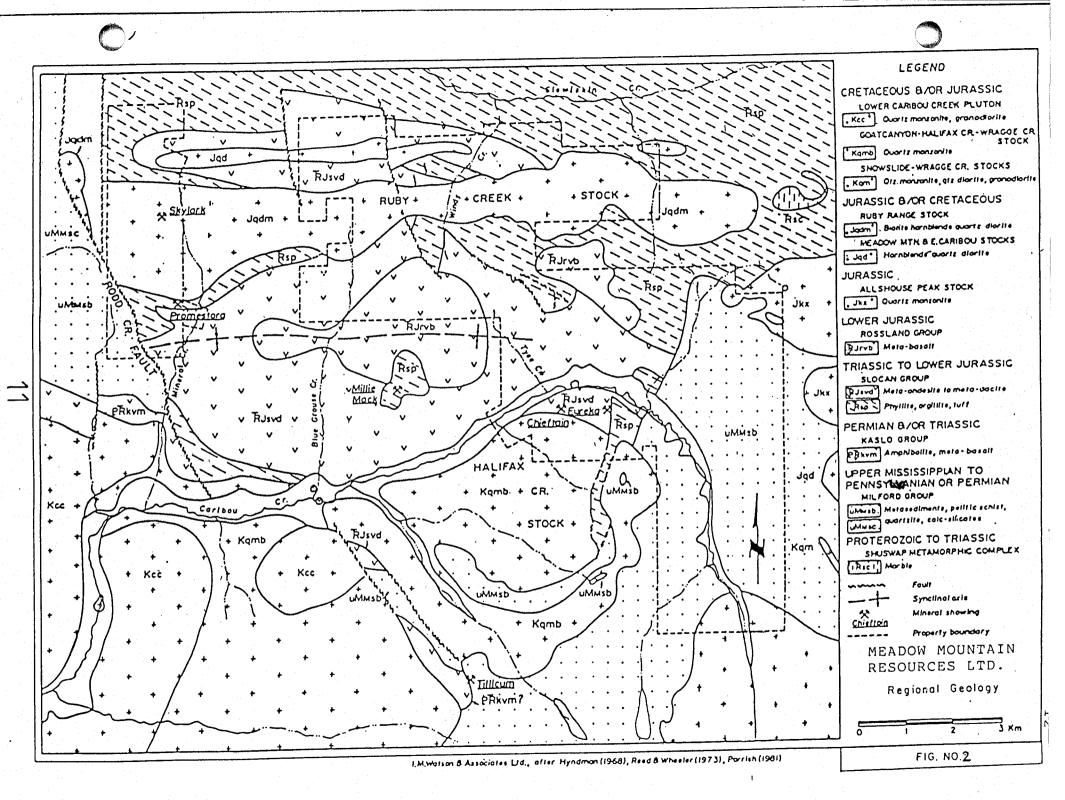
The oldest rocks include the Upper Mississippian to Permian metasediments of the Milford Group. This group consists of pelitic schists, calc-silicates, and quartzites and is considered in part a host for the Tillicum Mountain mineralization. Permo-Triassic Kaslo Group volcanics overlying the Milford 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 to the East side of the property.

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, on the Eureka Claim, 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 have very elongated E-W axes and lie along the North of the property. These intrusives are assigned a 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 Option property are dominated by the NNW-SSE breaks of the Rodd Creek fault and strong linears such as Londonderry Creek, Tyee 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.



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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 approximately 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 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. 1988 Work Program

A program of backhoe trenching, channel sampling and minor magnetometer and EM surveys was carried out on Mineral Lease #385 which is surrounded by the K/C #1 - #6 claims in 1988 by Meadow Mountain Resources Ltd. The program was undertaken by four field technicians under the supervision of B.Ainsworth P.Eng and D.M.Jenkins F.G.A.C.

Grids were established and trenches and roads surveyed 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 during 1987.

Trenches were excavated and filled by backhoe, damaged trees were felled, bucked to lie flat and slash scattered. The disturbed area was reseeded with the recommended seed mixture.

A total of 1.4 line kilometers of new geophysical data were collected. New road construction consisted of 180 meters. Attempts to switchback up the mountain failed with a D7 bulldozer due to lack of dirt and hard rock. A subsequent attempt with an excavator also failed for the same reasons. Inspection of the area with two heavy equipment operators failed to find a permissive route to the anomalies which would remain within budget constraints. The excavator was moved up slope without building road to reach one of the lower anomalies and this was trenched. A new road cut was sampled east of the adit. A sulfide zone in a shear was sampled west of the adit. The lower road to Caribou Creek was reopened where it had slumped and the lower anomaly was trenched. A total of 125 meters of trenching was accomplished. The high cost being related to continual failure to make road and the subsequent reclamation of the effort.

Samples were analyzed by fire assay with an atomic absorption finish at Min-En Laboratories.

8.1. 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 signal from Seattle (24.8 khz).

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 -* 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.

 $F_i = (D_i - 2 + D_{i-1}) - (D_i + D_{i+1})$

Fi 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.

9. RESULTS:

1/ Chieftain Grid:

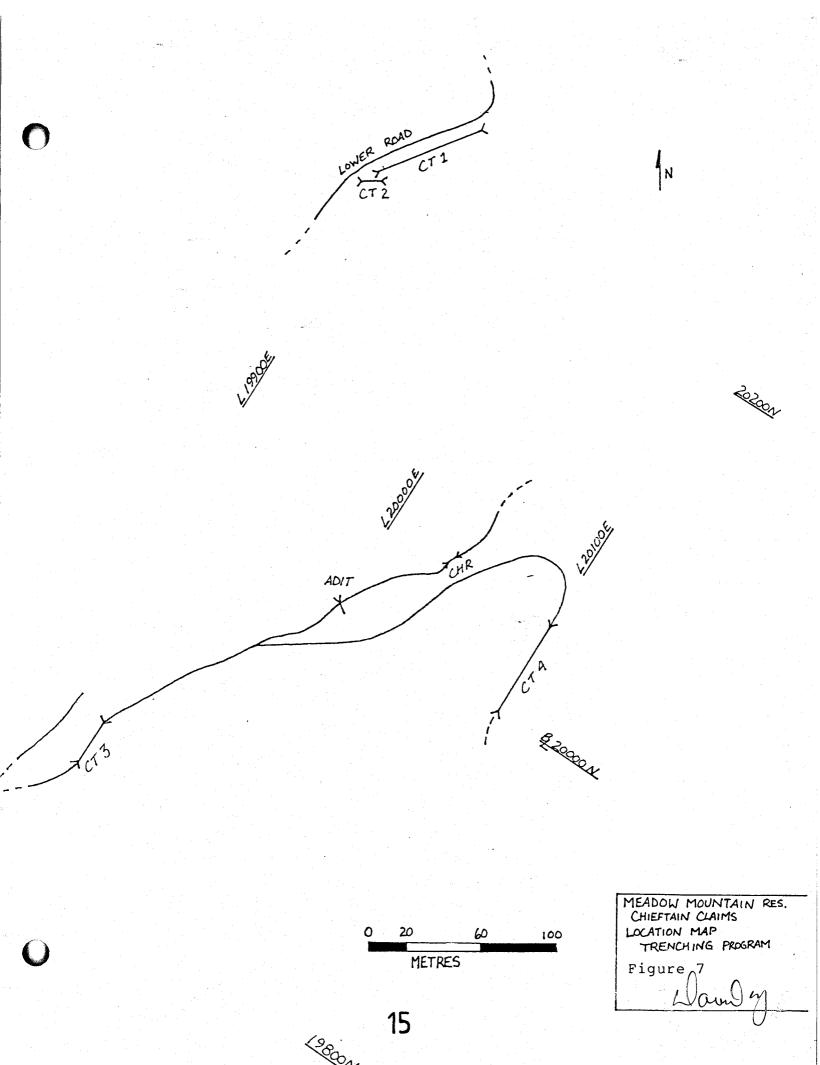
1.4 kms of line were completed with sample stations at 10 meter intervals on lines 100 meters apart.

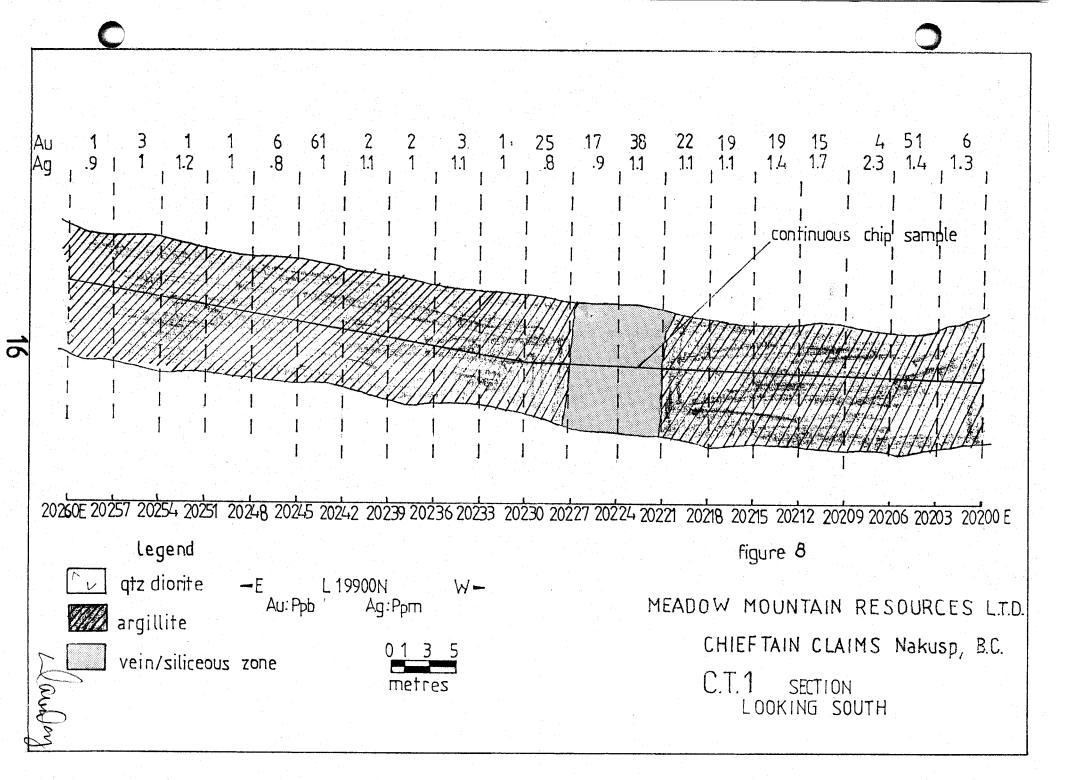
A contact feature extends from 20000N on Line 19900E to 19850N on line 20600E. Weak semi-continuous magnetic linears extend across the grid roughly parallel to this main magnetic feature. Rocks to the North are essentially non-magnetic; an isolated magnetic anomaly on line 20100E at 20250N may reflect a small lens with a northeasterly strike based on correlation with magnetic features on lines 20000E and 19900E. On line 20000E at 19850N is a very strong magnetic feature which appears to correlate with magnetic highs on adjacent lines defining a magnetic linear trending 315°.

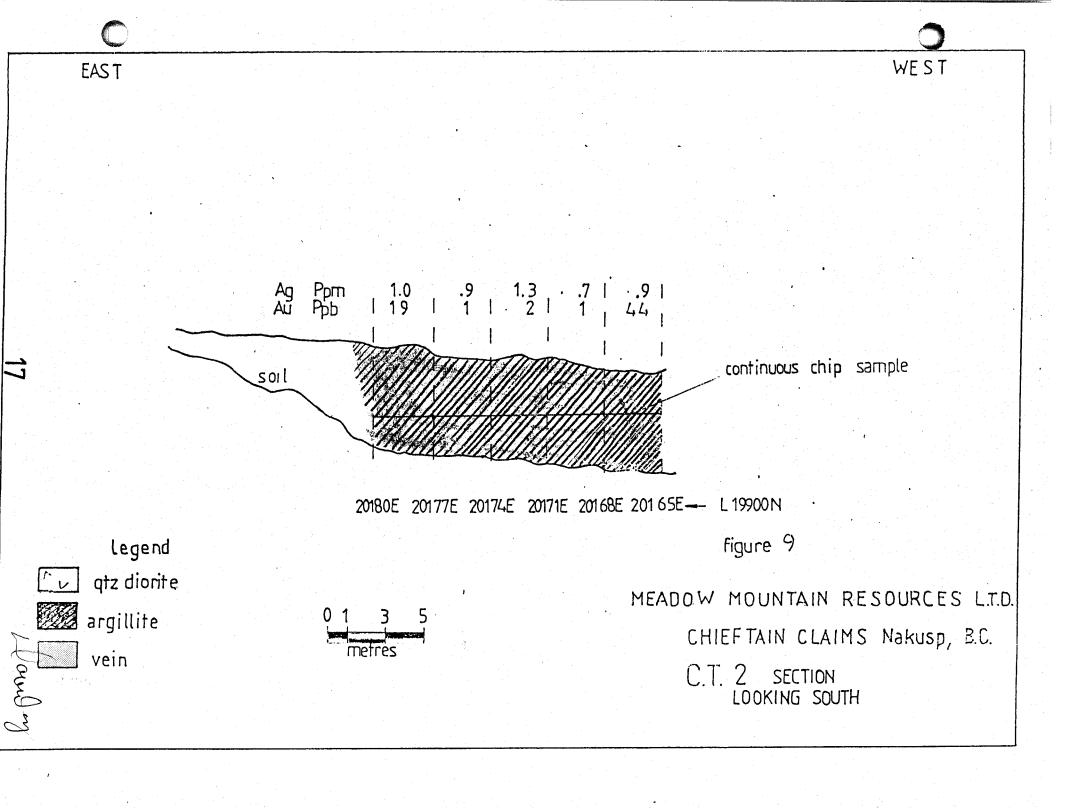
The VLF conductors lie mostly to the South of the magnetic contact feature. These may be attributed to graphitic argillites mapped in the area. Fraser filter data indicates strong conductors trending E-W cutting across geology at a shallow angle. Several of the weaker anomalies have a magnetic expression as well. There is a Southern limit to the graphitic phase of the argillaceous shales at the magnetic contact on line 20500E and The new data demonstrate the western terminus 20600E. of the strong conductor which runs immediately north of and parallel to base line (20000N). This is the approximate location of the the northeasterly trending magnetic feature It probably represents a dike that is occupying a fault at this point and that the mafic fault has displaced a graphitic argillite. A subparallel feature to the south appears to cross lines 20000E and 19900E at 19850 north. This suggest the graphitic argillites extend farther west at this point.

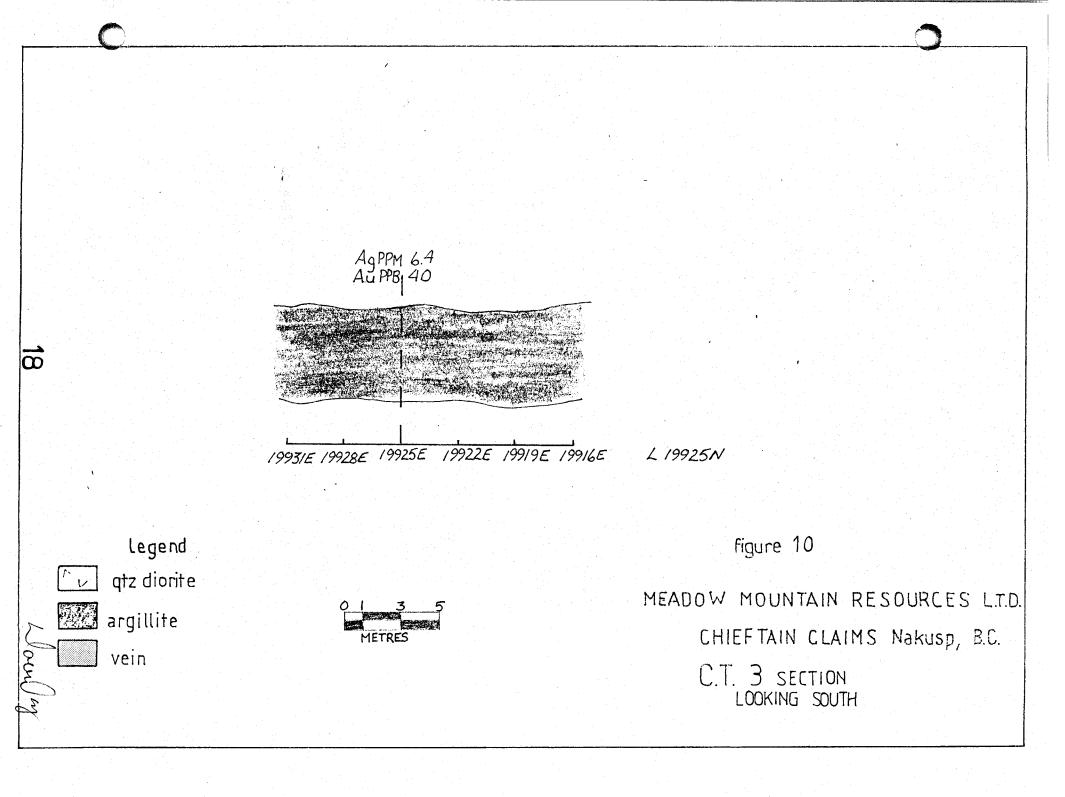
Figure 7 is an index map of the trenching and road work completed on the claims. Figure 8 illustrates trench CT1 which cut a weakly sheared argillite. At 20224E the trench exposed six meters of veining and silica alteration. Gold reached 61 ppb and silver up to 2.3 ppm. The veining did not appear to be enriched in gold or silver relative to the host rock. An adjacent trench CT2 exposed more of the argillite with similar levels of gold and silver. These samples are identified on the certificate of analysis as the LT#2 series of samples. The data do not justify further work.

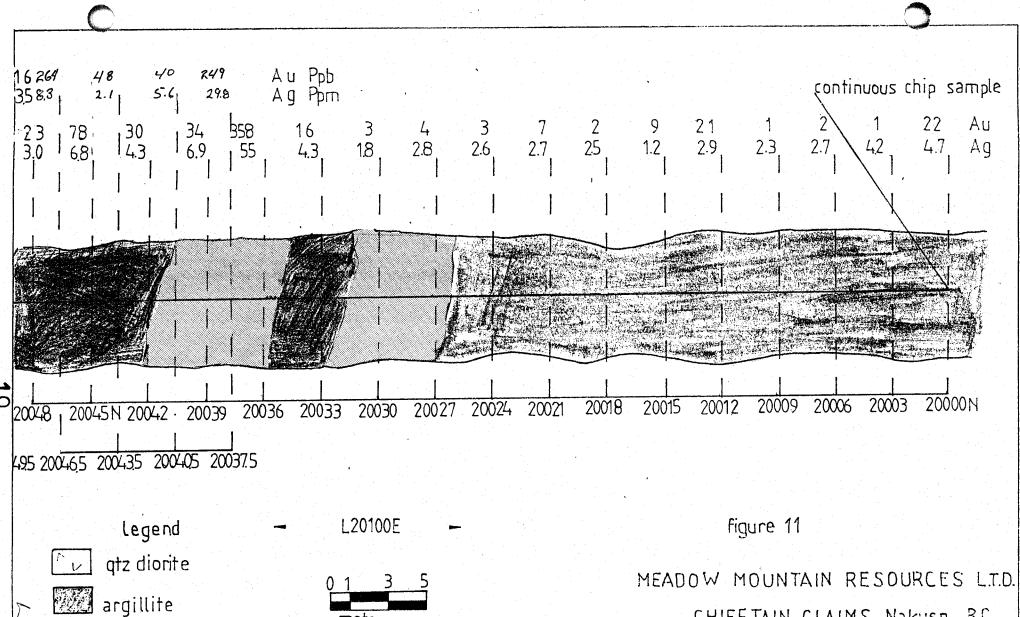
Trench CT4 also cut argillite with two steeply dipping shear zones with discontinuous quartz veining and minor silicification. While irregular in outline both are approximately 6 meters wide at their widest. These were sampled with continuous chip samples over three meter intervals except at the north end where the sampler ran out of large sample bags and cut samples over 1.5 meter intervals. Gold values reach 358 ppb in the shear zone but are as high as 264 ppb in argillite. Samples of argillite commonly run in excess of 20 ppb gold which may indicate the origin of the wide spread gold in soil values which are on this order in magnitude. Silver values are slightly elevated in the samples with the higher gold contents. These are commonly on









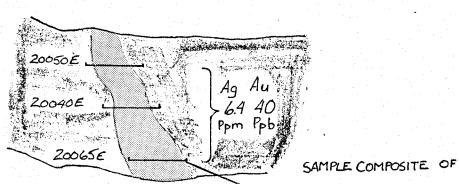


vein/siliceous zone

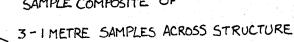
Jarvie V

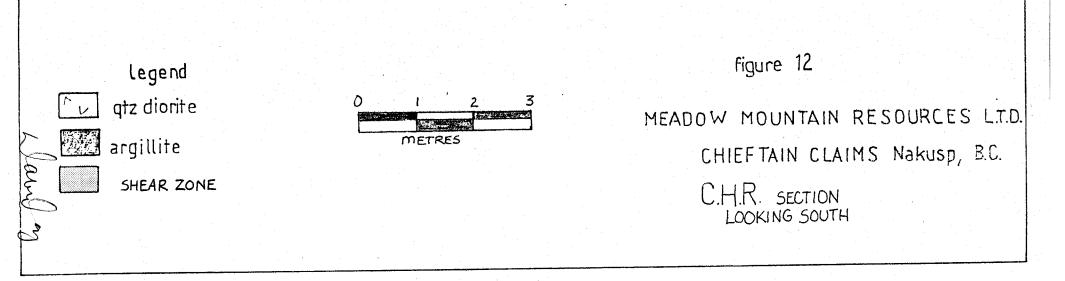
metres

CHIEFTAIN CLAIMS Nakusp, B.C. C.T. 4 SECTION LOOKING SOUTH



A L 20025E - 20050N





the order of 3 to 6 ppm, but in the case of sample 20036 to 20037.5 silver in the shear zone reached 55 ppm over a 1.5 meter interval.

Trench CHR cut a westerly striking graphitic shear zone. It ran 2.3 ppm silver and 17 ppb gold over 1 meter.

Road cut CT3 sample 19925E, 19900N carried 6.4 ppm silver and 40 ppb gold. This site was sampled when it was found to be impractical to reach the anomaly below the site due to road construction problems. The sample is best considered a lithogeochemical sample.

10. Synthesis of Results:

The geophysical program completed the 1987 grid and serves to limit one of the important structural features identified in that years program. Sampling of trenches failed to identify mineralization of economic tenor. It did identify graphitic shears with minor quartz veining and silicification as the sources of certain of the VLF conductors. The precious metal component of the mineralizing events in the shears is variable but universally very much below ore grade. Additional trenching of the anomalies will be possible only by a budget which will allow rock work in road building. A helicopter portable light drill rig would probably be most cost efficient.

11. STATEMENT OF COSTS

Contractor's labor charge for period 7th Sept to 28th October 1988 D.Detels @\$270 per diem for 9 days	\$ 3,970.00
G.Bowes @\$220.per diem for 7 days	
Consultant fee - D.M.Jenkins 14-15 Oct 1988	
@ \$400 for 2 days	\$ 800.00
Hotel	561.88
16 man days @ \$20.52/man day	
6 man days @ \$38.88/man day for 1 man	
Food 23 mandays @ \$28.50/man day	661.50
Transportation:	
Vehicle rental: 4x4 rental	414.90
Gasoline	269.91
Equipment	710.80
Instrument Rental	110.00
IGS-2 Mag/Em Unit with Toshiba portable	
	0 176 20
computer	2,176.30
Analyses 50 samples @ \$13.50 each	675.00
Bulldozer	6,689.75
Data Processing and plotting	\$ 225.00
Report Preparation	\$ 1,200.00
TOTAL	\$18,355.04

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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.

13. Certificate

I, David M. Jenkins of the Township of Langley, Province of British Columbia hereby certify as follows:

1. I am a geologist residing at 9820, 216th Street, Langley, B.C. and am employed by Ainsworth-Jenkins Holdings Inc., with an office at 525, 890 West Pender Street, Vancouver, B.C..

2. I am a Fellow of the Geological Association of Canada and a member of the Executive Council of the Association of Exploration Geochemists. I graduated with a B.A. in geology from the University of South Florida in 1963. I was granted an M.S. degree in geology from the University of Florida in 1966. Subsequently I was enrolled in a Ph.D. program at the University of Cincinnati between 1967 and 1970.

3. I have practiced my profession continuously since 1970. I was employed by the Exploration Division of Placer Development Limited from 1970 to 1986 in mineral exploration in Canada, United States of America, Mexico, all of the Central American countries, Colombia and Surinam. I have subsequently practiced my profession in Europe and Africa. While working for the Placer group of companies I held positions ranging from Project Geologist to subsidiary company General Manager.

4. I am the author of this report which is based on published and unpublished reports and data collected by technicians under my supervision. Day to day supervision in the field was the responsibility of D. Detels and G.Bowes, Exploration Technicians with 6 and 9 years experience respectively.

5. I have neither an interest, direct or indirect, in the property discussed in this report or in the securities of Meadow Mountain Resources Ltd. nor do I expect to receive any.

Dated at Vancouver, B.C. this 27th day of December 1988

Davary

David M. Jenkins, M.S., F.G.A.C. Ainsworth-Jenkins Holdings Inc. Geologist APPENDIX A

Appendix A. GEOCHEMICAL ANALYSES

MIN • EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS CHEMISTS . ASSAYERS . ANALYSTS . GEOCHEMISTS

VANCOUVER OFFICE:

VANCOVER OFFICE: 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA, V7M 1T2 TELEPHONE (604) 980-5814 CR (604) 988-4524 TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE: 33 EAST IROQUOIS ROAD P.O. BOX 667 TIMMINS ONTARIO CANADA P4N 7G7 TELEPHONE: (705) 264-9995

Certificate 01 Geochem

Company: AINSWORTH JENKINS Project:MEADOW MTN. Attention: B. AINSWORTH

File:8-2177/P2 Date: DEC. 9/88 Type:ROCK GEOCHEM

He hereby certify the following results for samples submitted.

Sample	AG	AU-FIRE	
Number	PPM	PPM	
WINCH R.T. 6E	5.8	575	
/LT#2/88 201+65N	0.9	44	
/LT#2/88 201+72N	1.3	2	
/LT#2/88 201+74N	1.0	19	
/LT#2/88 199+00E 201+68N	0.7	1	
CLT#2/88 199+00E 201+71N 499+00E 202+39N 499+00E 202+30N 499+00E 202+30N 499+00E 202+20065N v199+00E 202+27N	0.9 1.1 1.0 2.3 0.8	1 2 1 4 25	
<pre><199+00E 202+36N</pre>	1.0	2	
∠199+00E 202+15N	1.1	19	
↓199+00E 202+33N	1.1	3	
↓199+00E 202+24N	0.9	17	
↓199+00E 202+48N	1.0	1	
199+00E 202+26N	0.9	17	
/199+00E 202+203N	1.4	51	
/199+00E 202+00N	1.3	6	
/199+00E 202+09N	1.7	15	
/199+00E 202+12N	1.4	19	
<pre>\199+00E 202+42N</pre>	1.0	1	
_199+00E 202+51N	1.2	1	
~199+00E 202+57N	0.9	1	
~199+00E 202+18N	1.1	22	
_199+00E 202+54N	1.0	3	
	1.1 0.8 6.4 2.3	$\begin{array}{c} 18\\ 6\\ 40\\ 17\end{array} \overline{\mathcal{C}}^{\mathcal{U}} \mathcal{R} \end{array}$	

Certified by

MIN-EN WABORATORIES LTD.

LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS CHEMISTS + ASSAYERS + ANALYSTS + GEOCHEMISTS VANCOUVER OFFICE: 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2 TELEPHONE (604) 980-5814 OR (604) 988-4524 TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE: 33 EAST IROQUOIS ROAD P.O. BOX 867 TIMMINS, ONTARIO CANADA P4N 7G7 TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company:AINSWORTH JENKINS Project:MEADOW MTN. Attention:B.AINSWORTH

ЛIN

and the second second

File:8-2177/P1 Date:DEC.9/88 Type:ROCK GEOCHEM

He hereby certify the following results for samples submitted.

Sample	AG	AU-FIRE	
Number	PPM	PPB	
WINCH R.T. CHANNEL BE WINCH R.T. CHANNEL 10E WINCH R.T. CHANNEL 02E WINCH R.T. CHANNEL VS 1	1.3 1.4 2.2 14.5 12.6	56 89 70 324	
L20100E 20048N L20100E 20049.5N		78 264 23 16 358	
L20100E 20037.5N	29.8	249	
L20100E 20039N	6.9	34	
L20100E 20040.5N	5.6	40	
L20100E 20042N	4.3	30	
L20100E 20043.5N	2.1	48	
L20100E 20000N	4.7	22	
L20100E 20027N	2.8	4	
L20100E 20024N	2.6	3	
L20100E 20012N	2.9	21	
L20100E 20009N	2.3	1	
L20100E 20006N	2.7	2	
L20100E 20003N	4.2	1	
L20100E 20030N	1.8	3	
L20100E 20033N	4.3	16	
L20100E 20018N	2.5	2	
L20100E 20021N'	2.7	7	
L20100E 20015N	1.2	9	
WINCH R.T. OE	0.7	24	
WINCH R.T. 2E	3.4	163	
WINCH R.T. 4E	1.1	31	

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APPENDIX B

Appendix B. GEOPHYSICAL DATA

	X(East)	Y(North)	Tot F.	X(East) Y((North)	Tot F.	X(East)	Y(North)	Tot F
	19900.0	19660.0	4978.7	19900.0	20130.0	4935.6	20000.0	20080.0	4866.
	19900.0	19670.0	5040.2	19900.0	20140.0	4941.6	20000.0	20090.0	5063.
	19900.0	19680.0	5005.8	19900.0 2	20150.0	4946.1	20000.0	20100.0	5046.
ŀ	19900.0	19690.0	5002.3	19900.0 1	20160.0	4939.1	20000.0	20110.0	5012.
	19900.0	19700.0	4992.1	19900.0 19900.0	20160.0 20170.0 20180.0	4967.6	20000.0	20120.0	5059.
	19900.0	19710.0	5009.4	19900.0	20180.0	4944.9	20000.0	20130.0	4979. 4940. 4923. 4927. 4927. 4929. 4929. 4932.
	19900.0	19720.0	5007.7	14400 0 3	7A19A A	4944.0	20000.0	20140.0	4940.
	19900.0	19730.0 19740.0	4987.5 4972.3	19900.0 19900.0	20200.0 20210.0 20220.0 20230.0	4944.3	20000.0	20150.0	4923.
	10000.0	19/40.0	49/2.3	19900.0	20210.0	4945.9	20000.0	20160.0	4927
	19900.0	19750.0	4958.6	19900.0	20220.0	4939.1 4956.4	20000.0	20170.0	4929.
	19900.0	19760.0	5035.0	19900.0	20230.0	4956.4	20000.0	20180.0	4929.
	19900.0	19770.0	5057.7	13300.0	20290.0	4950.1	20000.0	20190.0	4932
	19900.0 19900.0	19780.0	5081.8	19900.0	20250.0	4940.7	20000.0	20200.0	4324
	10000 0	19790.0	5002.5	19900.0	20260.0	4921.6	20000.0	20210.0	4919
	19900.0	19800.0	5008.2	19900.0 19900.0 19900.0	20270.0	4930.1	20000.0	20220.0	4923
		19810.0	5057.9	19900.0	20280.0	4941.8	20000.0	20230.0	4925
	19900.0 19900.0	19820.0 19830.0	5024.7	19900.0	20290.0	4951.4	20000.0	20240.0	4898
	19900.0	19840.0	4996.9	19900.0	20300.0	4951.7	20000.0	20250.0	4909
	19900.0	19850.0	5002.0	20000.0	19750.0	4961.8	20000.0	20260.0	4911
	19900.0	19860.0	4984.6	20000.0	19760.0 19770.0	4976.0	20000.0	20270.0	4929
	19900.0	10070 0	4983.0	20000.0	19//0.0	4980.5	20000.0	20280.0	4933
	19900.0	19870.0 19880.0	5023.2	20000.0	19780.0	5005.8	20000.0	20290.0	4932
	19900.0	10000.0	5102.7 5270.5	20000.0	19790.0	4906.1	20000.0	20300.0	4928
	19900.0	19890.0 19900.0	5060.4	20000.0	19800.0	4923.9	20000.0	20380.0	4936
	19900.0	19910.0	4941.7	20000.0	19810.0 19820.0	4933.7 5011.4	20000.0	20390.0	4948
	19900.0	19920.0	4908.4	20000.0	19830.0	5004.0	20000.0	20400.0	4950 4971
	19900.0	19930.0	4940.3	20000.0	19840.0	5059.5	20100.0 20100.0	20330.0 20340.0	4074
	19900.0	19940.0	4945.2		19850.0	5235.6	20100.0	20340.0	4974 4939
	19900.0	19950.0	4906.6	20000.0	19860.0	5710.8	20100.0	20350.0	4737
	19900.0	19960.0	4912.2	20000.0	19870.0	6060.3	20100.0	20300.0	4948
	19900.0	19970.0	4926.3	20000.0	19990 0	4337.9	20100.0	20370.0 20380.0	4980 5018
	19900.0	19980.0	4894.5	20000.0	19880.0 19890.0	4865.3	20200.0	20300.0	4914
	19900.0	19990.0	4752.6	20000.0	19900.0	5082.8	20200.0	20310.0	4892
	19900.0	20000.0	4450.0	20000.0	19910.0	5050.4	20200.0	20320.0	4944
	19900.0	20010.0	4744.5	20000.0	19920 0	4980.7	20200.0	20330.0	4958
	19900.0	20020.0	4878.9	20000.0	19920.0 19930.0 19940.0	4996.5	20200.0		4955
	19900.0	20030.0	5010.2	20000.0	19940 0	4986.5	20200.0	20350.0	4882
	19900.0	20040.0	5032.8	20000.0	19950.0	5001.7	20200.0	20360.0	4890
	19900.0	20050.0	5041.2	20000.0	19960.0	5008.7	20300.0	20240.0	4986
	19900.0	20060.0	5031.7		19970.0	4910.4	20300.0		4982
	19900.0	20070.0	5034.6	20000.0	19980.0	4909.1	20300.0	20260.0	4967
	19900.0	20080.0	5030.0	20000.0	19980.0	4890.8	20300.0	20270.0	4952
	19900.0	20090.0	4961.5	20000.0	20000.0	4816.3	20300.0		4991
	19900.0	20100.0	4974.1	20000.0	20050.0	4919.1	20300.0	20290.0	4983
	19900.0	20110.0	4981.8		20060.0	4957.5	20300.0		4994
	19900.0	20120.0	4940.4		20070.0	4769.0			

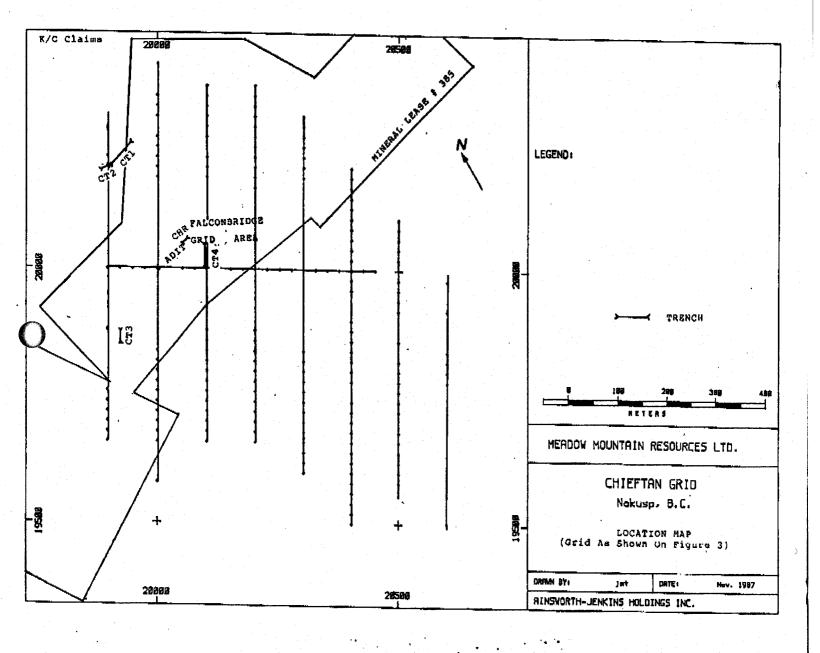
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	X(East) Y(No	rth) In Ph	Quad	HFS	X(East)	Y(North)	In Ph	Quad	HFS	X(East)	Y(North)	In Ph	Quad	HFS	
	19900.0 196	60.0 29	-9	63.5	19900.0	20130.0	30	22	38.2	20000.0		39	27	39.2	
	19900.0 196	70.0 31	-9	62.9	19900.0		46	11	34.7	20000.0		54	23	34.3	
	19900.0 196	80.0 31	-2	62.7	19900.0		51	4	31.3	20000.0		50	17	37.7	
	19900.0 196	90.0 33	3	63.2	19900.0	20160.0	45	4	33.0	20000.0	20110.0	62	3	32.5	
	19900.0 197 19900.0 197	00.0 31 10.0 32	-6 -12	61.0	19900.0	20170.0	47 39	-2 2	32.4 34.9	20000.0	20120.0 20130.0	58 48	10	34.9 39.5	
	19900.0 197	20.0 24	-11	59.3	19900.0	20190.0	40	-3	34.1	20000.0	20130.0	49	6	38.7	
	19900.0 197	30.0 29	3	56.0	19900.0	20200.0	38	-1	33.8	20000.0	20150.0	56	-ĭ	33.6	
	19900.0 197	40.0 32	10	56.8	19900.0	20210.0	38	-7	31.2	20000.0	20160.0	53	-2	35.0	
	19900.0 197	50.0 29	3	58.5	19900.0	20220.0	41	-11	31.8	20000.0	20170.0	53	-6	35.2	
	19900.0 197	60.0 32	0	59.9	19900.0	20230.0	29	-5	36.8	20000.0	20180.0	41	2	39.9	
	19900.0 197	70.0 32	-6	56.3	19900.0	20240.0	34	-15	33.5	20000.0		36	8	41.6	
	19900.0 197	80.0 33 90.0 32	-10	60.1	19900.0	20250.0	31	-8	35.5	20000.0		37	4	41.6	
		90.0 32 00.0 37	-9 -2	59.0 53.7	19900.0 19900.0		33 30	-14 -13	34.3 34.9	20000.0 20000.0		35 40	4 -3	39.1 39.8	
		10.0 56	18	27.9	19900.0	20280.0	31	-18	33.5	20000.0	20220.0	39	-2	40.0	
	19900.0 198	20.0 49	-12	44.9	19900.0		31	-19	33.0	20000.0	20240.0	38	-1	39.3	
•	19900.0 198	30.0 56	-2	45.4	19900.0	20300.0	29	-12	36.1	20000.0		45	-9	38.9	
	19900.0 198	40.0 49	-8	53.5	20000.0	19750.0	- 64	-9	53.4	20000.0	20260.0	45	-10	38.6	
	19900.0 198	50.0 50	-16	62.4	20000.0	19760.0	51	-14	51.9	20000.0	20270.0	52	-15	36.9	
	19900.0 198	60.0 87	-2	45.3	20000.0	19770.0	44	-15	54.1	20000.0	20280.0	54	-29	34.8	
	19900.0 198	70.0 79	1	42.4	20000.0	19780.0	35	-26	57.2	20000.0	20290.0	52	-27	33.4	
	19900.0 198 19900.0 198	80.0 67 90.0 64	-12 -2	46.0 47.8	20000.0 20000.0	19790.0	39 45	-16 -15	60.8 56.4	20000.0	20300.0	54 55	-17 -7	34.4 33.3	
	19900.0 199	00.0 83	-11	40.2	20000.0	19810.0	41	-25	55.3	20000.0	20390.0	15	$\frac{-7}{32}$	39.2	
	19900.0 199 19900.0 199	00.0 83 10.0 67	-8	43.6	20000.0	19820.0	39	-24	Š 9.0	20000.0	20400.0	17	32 27	39.0	
	19900.0 199	20.0 70	-28	43,3	20000.0	19830.0	43	-22	63.3	20100.0	20330.0	42	49	47.1	
	19900.0 199	30.0 67	-15	43.8	20000.0	19840.0	50	-20	64.6	20100.0	20340.0	63	47	35.7	
	19900.0 199	40.0 69	-33	42.9	20000.0	19850.0	67	-3	63.4	20100.0	20350.0	36	48	33.6	
	19900.0 199 19900.0 199	50.0 72 60.0 74	-62	35.0	20000.0	19860.0	68	-12	55.9	20100.0	20350.0	37	38 33	33.2	
	19900.0 199	60.0 74 70.0 79	-57 -50	36.2	20000.0 20000.0	19870.0 19880.0	78 72	6 0	49.7 48.8	20100.0	20370.0	27 28	25	36.6 38.2	
	19900.0 199	180.0 75	-25	37.0	20000.0) 19890.0	57	-7	51.9	20200.0	20300.0	61	-4	42.8	
	19900.0 199	90.0 76	-38	33.2	20000.0	19900.0	58	-7	61.7	20200.0	20310.0	57	-8	45.3	
	19900.0 200	00.0 73	-3	29.3	20000.0		- 54	-24	54.8	20200.0	20320.0	50	8	51.2	
		10.0 69	-26	27.5	20000.0		55	-13	58,8	20200.0	20330.0	37	27	46.0	
	19900.0 200	20.0 66	-30	28.4	20000.0	19930.0	55	-16	62.4	20200.0	20340.0	29	32	44.3	
	19900.0 200	30.0 59	-25	29.7	20000.0		63	-19	59.0	20200.0		48	21	39.6	
		40.0 53 50.0 45	-26 -29	31.2 32.5	20000.0		87 97	-2 8	52.1	20200.0	20360.0	46	25 -115	39.8 28.9	
	19900.0 200	60.0 41	-39	31.8	20000.0		62	-6	.44.2 51.9	20300.0		-15 -51	-113	52.3	
	19900.0 200	70.0 43	-38	34.2	20000.0) 19980.0	74	-21	47.9	20300.0	20260.0	60	0	48.1	
	19900.0 200	80.0 24	-51	35.4	20000.0		74	·	45.9	20300.0		37	10	55.2	
	19900.0 200	90.0 32	-45	37.3	20000.0	20000.0	70	-33	43.6	20300.0		44	-3	47.9	
	19900.0 201	00.0 56	-3	34.6	20000.0	20050.0	89	-11	36.3	20300.0	20290.0	33	4	53.0	
	19900.0 201	10.0 44	29	39.4	20000.0	20060.0	82	0.	38.2	20300,0) 20300.0	44	-6	48.7	
	19900.0 201	20.0 50	20	34.4	20000.0) 20070.0	66	0	32.7						

(2)

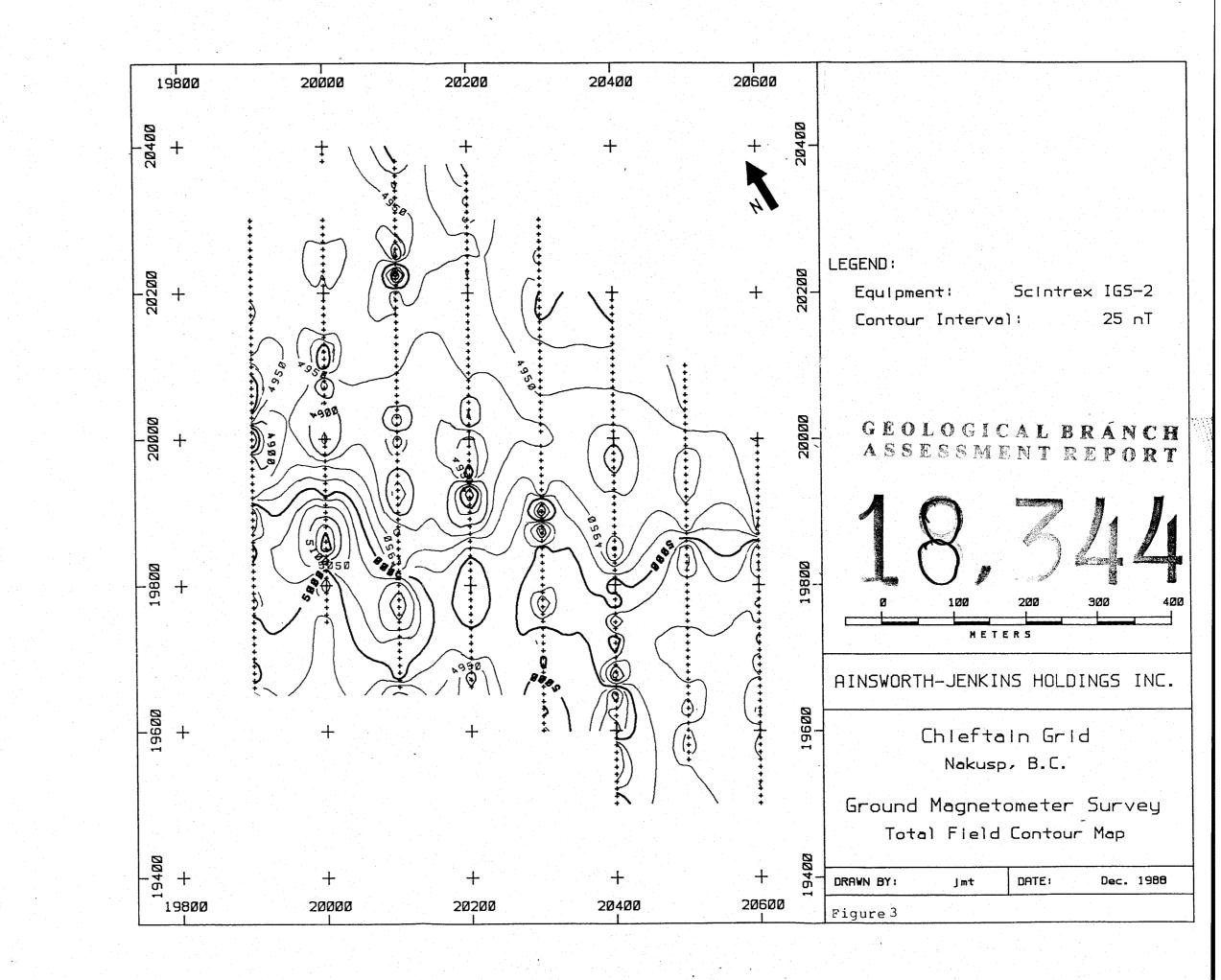
	X(East)	Y(North) Fr	aser		X(East)	Y(North) F	raser		X(East)	(North)	Fraser
	19900.0	19682.5	5		19900.0	20117.5	-5		20000.0	20042.5	0
	19900.0	19697.5	-8		19900.0	20132.5	··· 10		20000.0	20057.5	-61
_	19900.0	19712.5	-9		19900.0	20147.5	9		20000.0	20072.5	-74
	19900.0	19727.5	5		19900.0	20162.5	-8		20000.0	20087.5	-1 🗠
J	19900.0	19742.5	6		19900.0	20177.5	-18		20000.0	20102.5	22
	19900.0	19757.5	5		19900.0	20192.5	-7		20000.0	20117.5	-14
	19900.0	19772.5	4		19900.0	20207.5	-7	-	20000.0	20132.5	-10
	19900.0	19787.5	23		19900.0	20222.5	-17		20000.0	20147.5	1
	19900.0	19802.5	43		19900.0	20237.5	-4		20000.0	20162.5	-14
	19900.0	19817.5	13		19900.0	20252.5	1 1		20000.0	20177.5	-34
	19900.0	19832.5	11		19900.0	20267.5	-5		20000.0	20192.5	-15
	19900.0	19847.5	48		20000.0	19772.5	-33		20000.0	20207.5	2
	19900.0	19862.5	23		20000.0	19787.5	2		20000.0	20222.5	6
	19900.0	19877.5	-3		20000.0	19802.5	4		20000.0	20237.5	10
	19900.0	19892.5	8 :		20000.0	19817.5	7		20000.0	20252.5	18
	19900.0	19907.5	-12		20000.0	19832.5	36		20000.0	20267.5	19
	19900.0	19922.5	-12		20000.0	19847.5	55		20000.0	20282.5	. 8
	19900.0	19937.5	11		20000.0	19862.5	23		20000.0	20297.5	2
	19900.0	19952.5	14		20000.0	19877.5	-25		20000.0	20312.5	-10
	19900.0	19967.5	9		20000.0	19892.5	-29		20000.0	20327.5	-29
	19900.0	19982.5	-4	· .	20000.0	19907.5	-12		20000.0	20342.5	-40
	19900.0	19997.5	-16		20000.0	19922.5	- 17		20000.0	20357.5	-39
	19900.0	20012.5	-25		20000.0	19937.5	62		20000.0	20372.5	-25
	19900.0	20027.5	-36		20000.0	19952.5	33		20100.0	20352.5	-30
	19900.0	20042.5	-33		20000.0	19967.5	-32		20200.0	20322.5	-40
	19900.0	20057.5	-33		20000.0	19982.5	-17		20200.0	20337.5	-7
	19900.0	20072.5	-18		20000.0	19997.5	10		20300.0	20262.5	28
	19900.0	20087.5	23		20000.0	20012.5	21		20300.0	20277.5	-17
	19900.0	20102.5	13		20000.0	20027.5	28				

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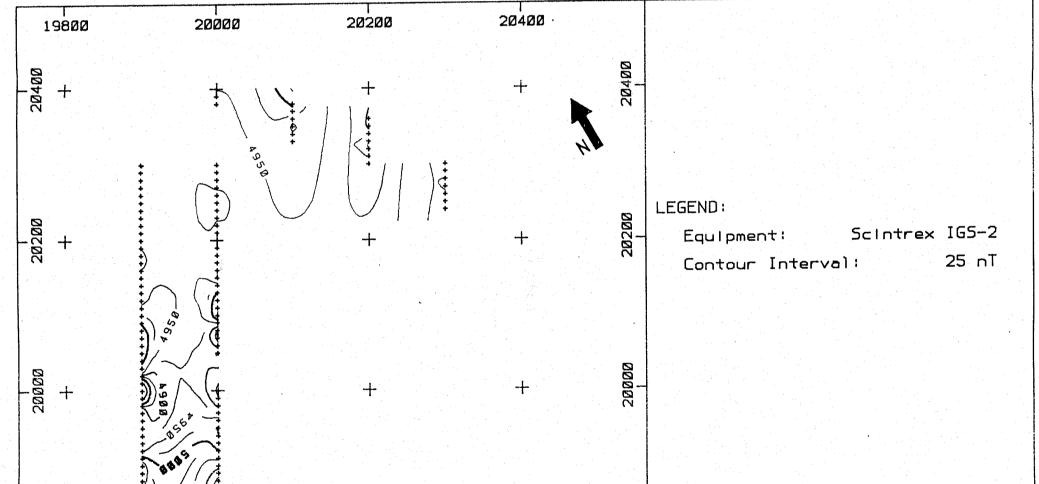


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A ROLOGICAL BRANCH



19801	5858	+	+	D 100 200 300 400 METERS
				AINSWORTH-JENKINS HOLDINGS INC.
19600	+ +	+	+	Chieftain Grid Nakusp, B.C.
				Ground Magnetometer Survey Total Field Contour Map
-761 19800 -	+ 2000	+ 20200	+ 2Ø4ØØ 1	DRAWN BY: Jmt DATE: Dec. 1988 Figure 4

