

MAP NO. ASSESSMENT REPORT X DOCUMENT NO.: 092614
PROSPECTUS MINING DISTRICT: Whitehorse
CONFIDENTIAL X TYPE OF WORK: Geochemical, trenching
105 D 2 OPEN FILE

REPORT FILED UNDER: Burton Consulting Inc.

DATE PERFORMED: 7 July-30 August, 1988

DATE FILED: 9 December, 1988

LOCATION: LAT.: 60 04'N

AREA: Montana Mountain

LONG.: 134 43'W

VALUE\$: 36 300.00

CLAIM NAME & NO.: JEAN (19237); KODAK (18304); HAZEL M (19285); MON 1-16 (YA82825-40);
TB 1-16 (YA89267-72); RAT 23-24 (YB12731-2); NYAC 1-48 (YA82997-3000; YA85201-44)

WORK DONE BY: B. MacKean

WORK DONE FOR: Anoorag Resources Inc.

DATE TO GOOD STANDING

REMARKS: MONTANA #6, JEAN #8

In 1988 heavy mineral concentrates from all creeks draining

Montana Mt were assayed and 796 soil samples were taken.

Trenching of the JEAN vein exposed thin quartz veins cutting

granite. The veins assayed 196.0 g/t Au over 0.15 m.

REPORT

on the

MONTANA MOUNTAIN PROPERTY
Whitehorse Mining Division
Carcross Area, Yukon Territory

LATITUDE: 60° 04'N.
LONGITUDE 134° 43'W.
N.T.S. 105D/2

CLAIMS: Jean(19237), Kodak(18304), Hazel M.(19285),
MON 1-16(YA82825-40), TB 1-16(YA82967-72)
RAT 23 & 24(YB12731-32), NYAC 1-48(YA82997-3000)
and (YA85201-244)

WORK DATES: July 7 to August 30, 1988

on behalf of

UNIVEX MINING CORPORATION
810-675 West Hastings Street
Vancouver, B.C., V6B 1N2

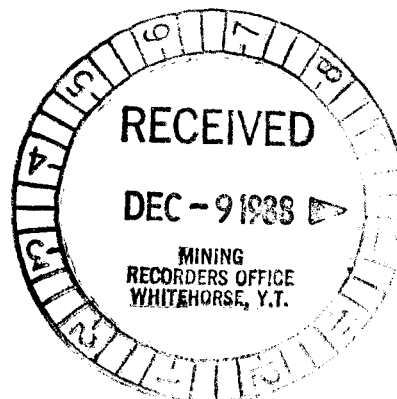
by

B.E. MACKEAN, M.Sc., F.G.A.C.



Burton Consulting Inc.
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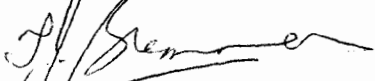
November 30, 1988



092614

BURTON CONSULTING INC.

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 36,130.00.

for 
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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100000

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INTRODUCTION

This report covers a geochemical soil survey, a heavy-mineral stream sediment geochemical survey and trenching carried out on the Montana Mountain property, located south of Carcross, Y.T. This program was undertaken at the request of Univex Mining Corporation Ltd. of Vancouver, B.C. and was carried out between July 7 and August 30, 1988.

The objective of the program was to determine the extent of mineralization related to the 1986 geochemical soil survey and to explore the property further using geochemical techniques where indicated. The field work was supervised by B.E. MacKean, M.Sc.

The geochemical soil survey, which commenced July 19, 1988 was controlled for the most part by a picketed grid (established in 1986) over the northern part of the property, by drill roads on the southern part of the North Block, and by compass and tape surveys on the South Block. The heavy mineral geochemical stream sediment survey, which was conducted between July 31st and August 7th, 1988 used the 1:50,000 topographic sheet (105 D/2) for control.

Blasting of selected sites was attempted, but bulldozer trenching proved to be more effective. An excavator was used extensively in the southern part of the North Block for clearing the loose rock along the sides of drill roads in the vicinity of the geochemical anomalies detected in 1986.

LOCATION AND ACCESS

The Montana Mountain Property is situated 11 kms. due south of Caribou Crossing, now Carcross, Yukon Territory, which is at 105 km. on the Skagway-Whitehorse Highway (see Figure 1). The claims are centered at $60^{\circ} 04'N$ latitude and $134^{\circ} 43'W$ longitude. Access to the property is by a 15 km. gravel road from Carcross.

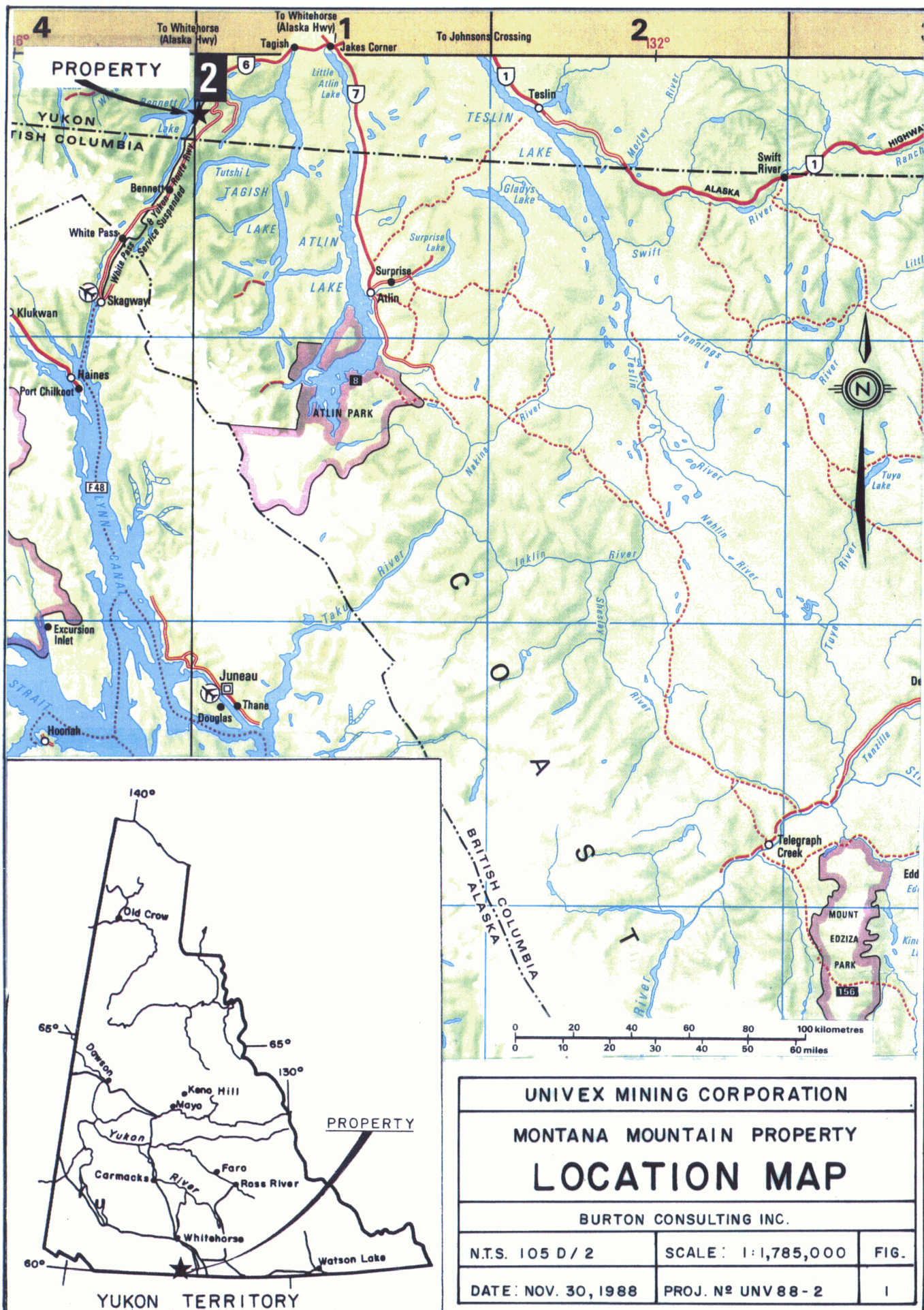
PHYSIOGRAPHY

The claims are situated approximately 450 meters to 600 meters above the treeline which is at 1,375 meters elevation. The local relief is roughly 350 meters with rounded glaciated features below 2,000 meter elevation and jagged sharp features above.

The area is extensively covered with felsenmeer or rock fields with minor outcrop exposure. The rock fields have not been transported except for slumping solifluction, thus permitting the general lithologic environments to be identified.

Drainage is eastward to Windy Arm of Tagish Lake by Big Thing Creek, Montana Creek and Pooley Creek. MacDonald Creek drains northward and Knob Creek flows westward, both to Bennett Lake.

Extensive permafrost occurs throughout the property. Patterned ground is common at the base of the steep felsenmeer slopes. Permanent snowfields are situated on the northern slopes of the mountains.



PROPERTY AND OWNERSHIP

The property consists of two contiguous blocks of claims, the North Block and the South Block(see Figure 2). The North Block of 22 claims, TB 1-6 and MON 1-16, is held under option agreement with Anooraq Resources Corp.

The South Block of 48 claims, NYAC 1-48 and 2 claims RAT 23-24, of the North Block are 100% controlled by Anooraq Resources Corp. The leased claims Jean, Kodak and Hazel M. were purchased August, 1984 from Robert Watson of Carcross by Anooraq Resources Corp.

Univex Mining Corp. has an agreement with Anooraq Resources Corp. to earn a 30% interest in the North Block of claims by making certain work expenditures and cash payments.

The pertinent claim data is as follows:

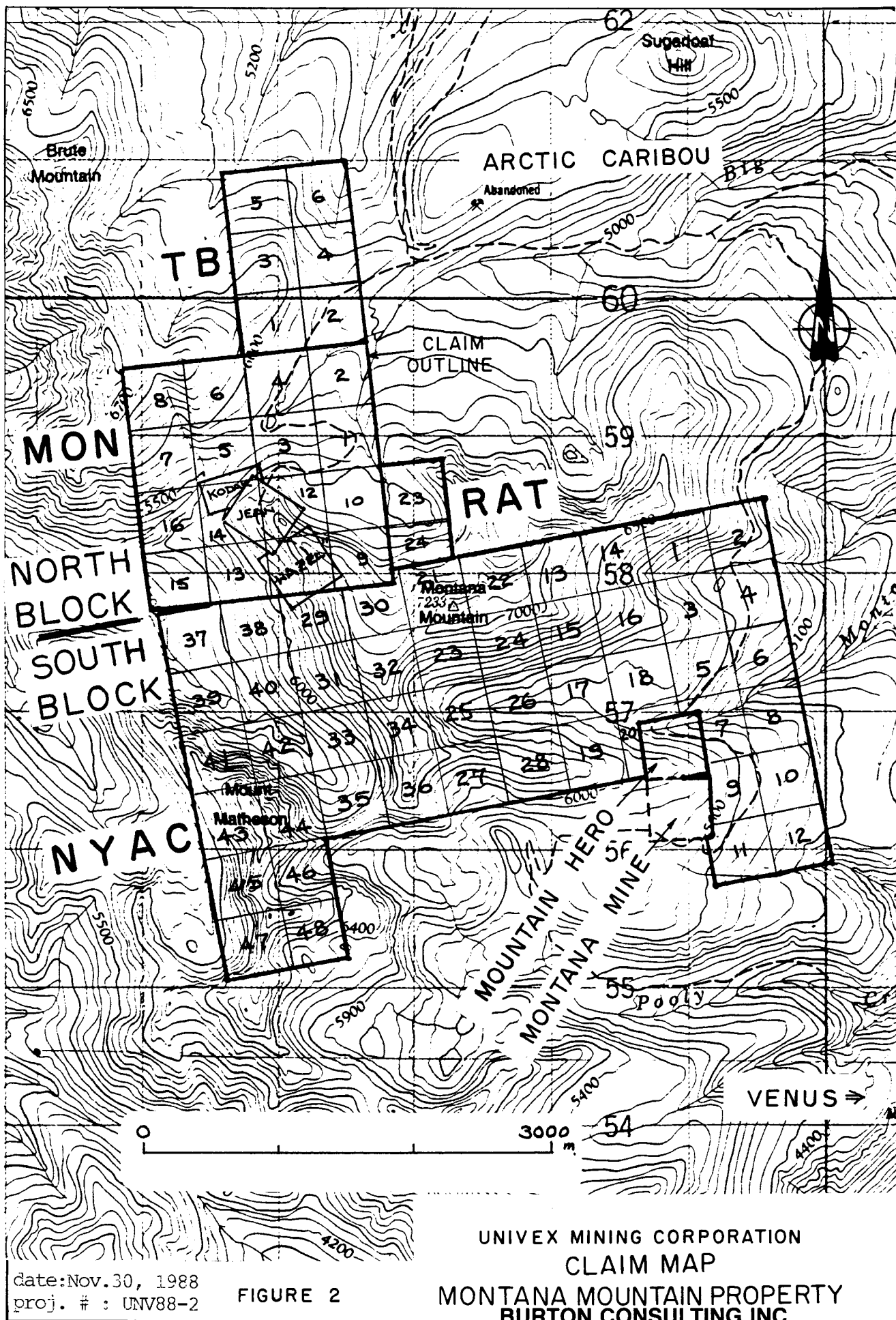
NORTH BLOCK

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
JEAN	Leased - 1	19237	15 January, 2000
KODAK	Leased - 1	18304	15 January, 2000
HAZEL M	Leased - 1	19285	15 January, 2000
MON 1-16	16	YA82825-40	27 August, 1993
TB 1-6	6	YA82967-72	4 September, 1993
RAT 23,24	2	YB12731-32	1 August, 1993

SOUTH BLOCK

NYAC 1-48	48	YA82997-83000	4 December, 1993
		YA85201-244	4 December, 1993

The 1993 expiry date listed for the bulk of the claims is pending acceptance of this assessment report.



date: Nov. 30, 1988
 proj. # : UNV88-2

FIGURE 2

UNIVEX MINING CORPORATION
 CLAIM MAP
 MONTANA MOUNTAIN PROPERTY
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HISTORY AND PREVIOUS WORK

Gold and silver-bearing quartz veins were discovered on Montana Mountain in 1901. Through the efforts of Col. J.H. Conrad, a mining promoter, an aerial tramway was constructed from Conradville on Windy Arm to the Mountain Hero "Mine", a distance of 4 miles. Remnants of the tramway towers and cable are still evident on the mountainside.

The Montana Mine and the Big Thing Mine (Arctic Caribou Mine) were developed as well as a number of smaller showings during the early period of exploration. Stone ruins of this early period can be seen at the Montana Mine, Mountain Hero and Arctic Caribou Mine properties.

The Jean Claim was staked by Mathew Watson in September, 1936 and the Kodak and Hazel M. Claims were added in June, 1939 following encouraging results from the trenching programs of 1937 and 1938. These claims were surveyed and leased in 1958.

New Imperial Mines Ltd. optioned the Jean, Hazel M and Kodak leases in 1960. An adit was driven on the Jean Claim on the westside of the vein for approximately 50 meters, but did not reach its targets in 1961 and 1962.

The Arctic Mining and Exploration Co. Ltd. optioned the property in 1967 as part of their assessment of all known gold-silver occurrences available in the Montana Mountain area. Four short holes were drilled from the end of the Jean adit.

Most of Arctic's activity was directed to the development of the Arctic Caribou and the Montana Mine properties. A number of residents in the Carcross area still recall the brief mining and milling operations on the Arctic Caribou deposit.

United Keno Hill Mines Ltd. conducted additional exploration and development at the Venus Property during 1981 and 1982, and in the surrounding area from 1981 to 1984 and in 1988. The Venus Property was never put into production, although a 100 t.p.d. mill was constructed on the property. The mill has been redesigned in 1988 to accept ore from Omni Resources Inc. property at Mount Skukum.

Anooraq Resources Corp. conducted a preliminary exploration program during 1984 and 1985 on the property (Jean, Kodak, and Hazel M) under option from Robert Watson. Work in 1984 included road construction, bulldozer trenching,

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prospecting, mapping and sampling on the mining leases and on the adjacent located mineral claims.

Univex Mining Corp. Ltd. contracted an exploration program in 1986 on the North Block of claims. This program consisted of a geochemical soil survey on part of the Block, road construction, mapping and a 1,300 foot 10-hole drill program along the known vein and its extension.

This historical data comes mainly from D.L. Cooke's 1987 report for Univex Mining Corp. Ltd. as well as from G. MacDonald's 1986 report for Anooraq Resources Corp. Ltd. and Dolmage Campbell & Associates Ltd. 1967 Report on the Arctic Caribou Property for Arctic Mining & Exploration Co. Ltd.

REGIONAL GEOLOGY

The regional geology appears on Map 1093A in the G.S.C. Memoir 312 by J.O. Wheeler, 1961. The most recent study is a M.Sc. thesis by C.F. Roots, 1982 on the Geology of the Montana Mountain area, Yukon. This work is concerned with the volcanic complex.

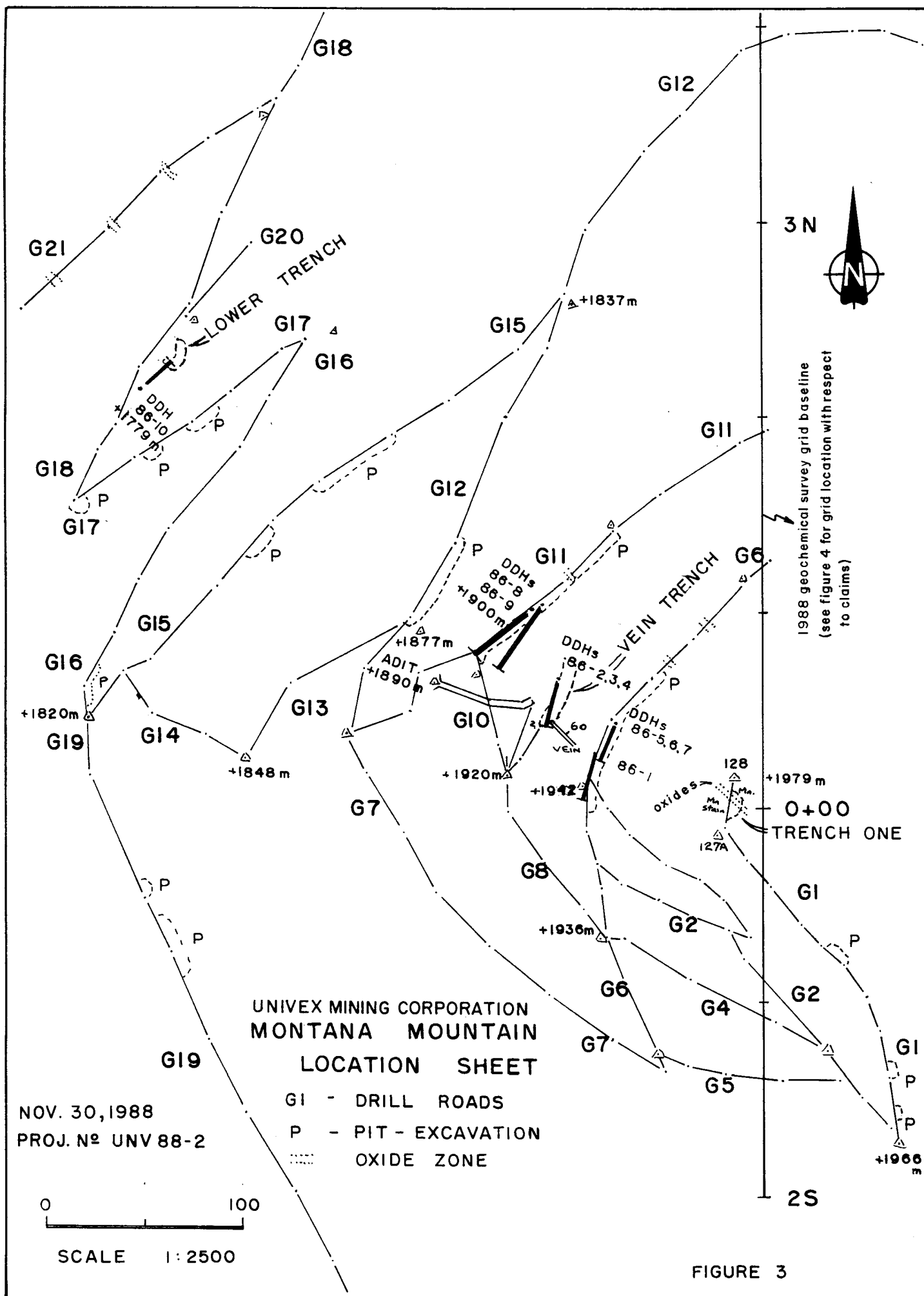
The regional geological formations are given in the following Table of Formations:

TABLE OF FORMATIONS

Q	Quaternary	Glacial till, glacial and fluvioglacial sands and gravels.
Kg	Late Cretaceous to Early Tertiary	Granite and quartz syenite intrusion; rhyolite dykes; andesite, basalt, dacite flows, tuffs, breccias and minor intrusions.
Kva	Lower-Middle Jurassic Laberge Group	Conglomerate, siltstone, argillite, greywacke; includes andesite and andesite breccia
Jga	Upper Triassic Lewes River Group	Andesite, basalt, volcanic breccia, limestone
Pva	Mississippian-Permian Cache Creek or Taku Groups	Amphibolite; minor limestone, chert and serpentized ultramafic rocks

The Montana Mountain area lies in the Whitehorse Trough at the western edge of the Intermontane Belt. The Whitehorse Trough, an elongate Mesozoic Basin containing volcanic and sedimentary rocks, is described by Templeman-Kluit (1979) to be a fore-arc basin. The northern margin of this volcanic-sedimentary complex was metamorphosed by a granitic intrusion, the "Carcross Pluton", which is of Early Tertiary Age.

Late quartz veins, some containing economically significant grades of gold-bearing arsenopyrite and silver-bearing galena, cut the southern part of the "Carcross Pluton" and the Montana Mountain volcanic complex.



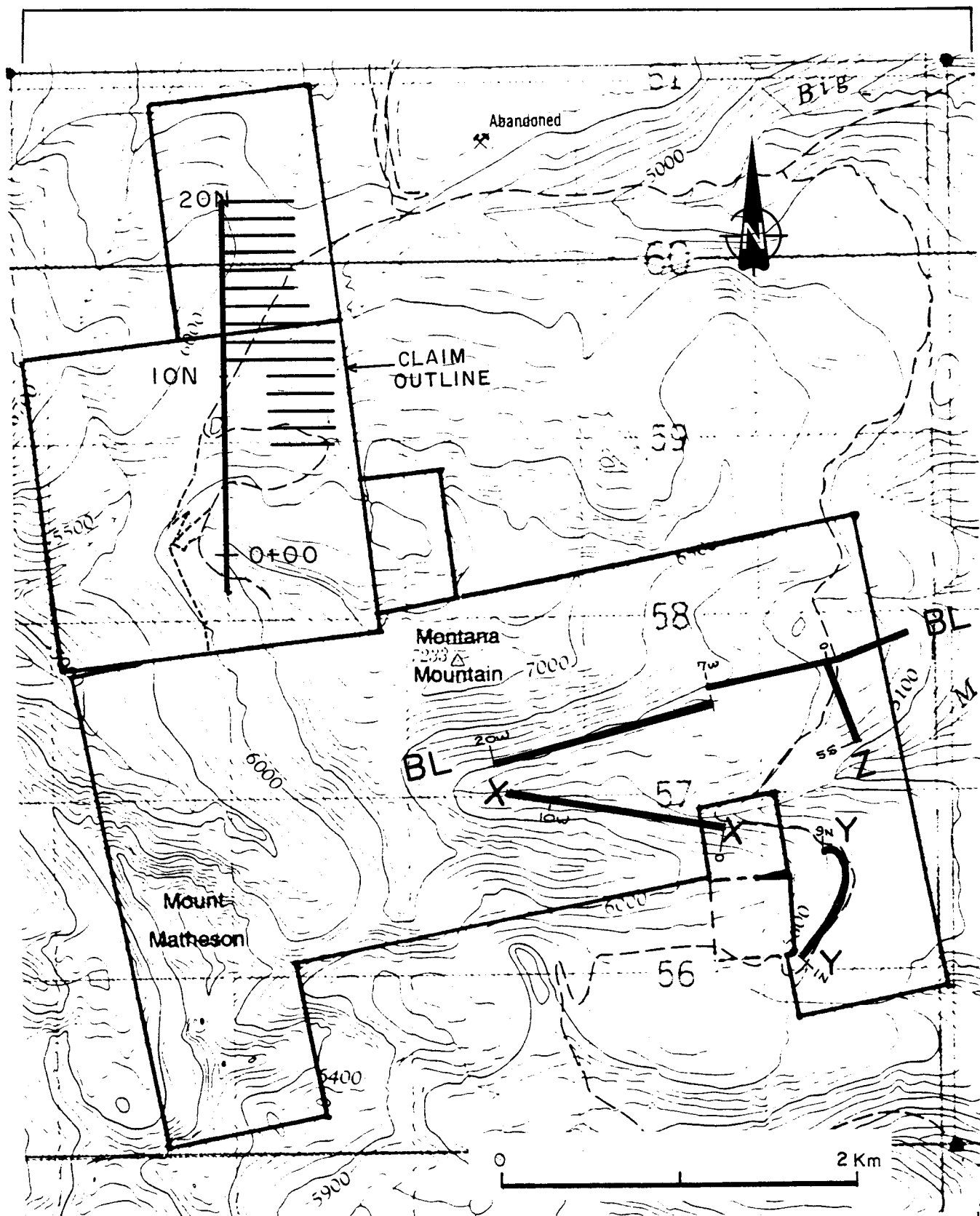
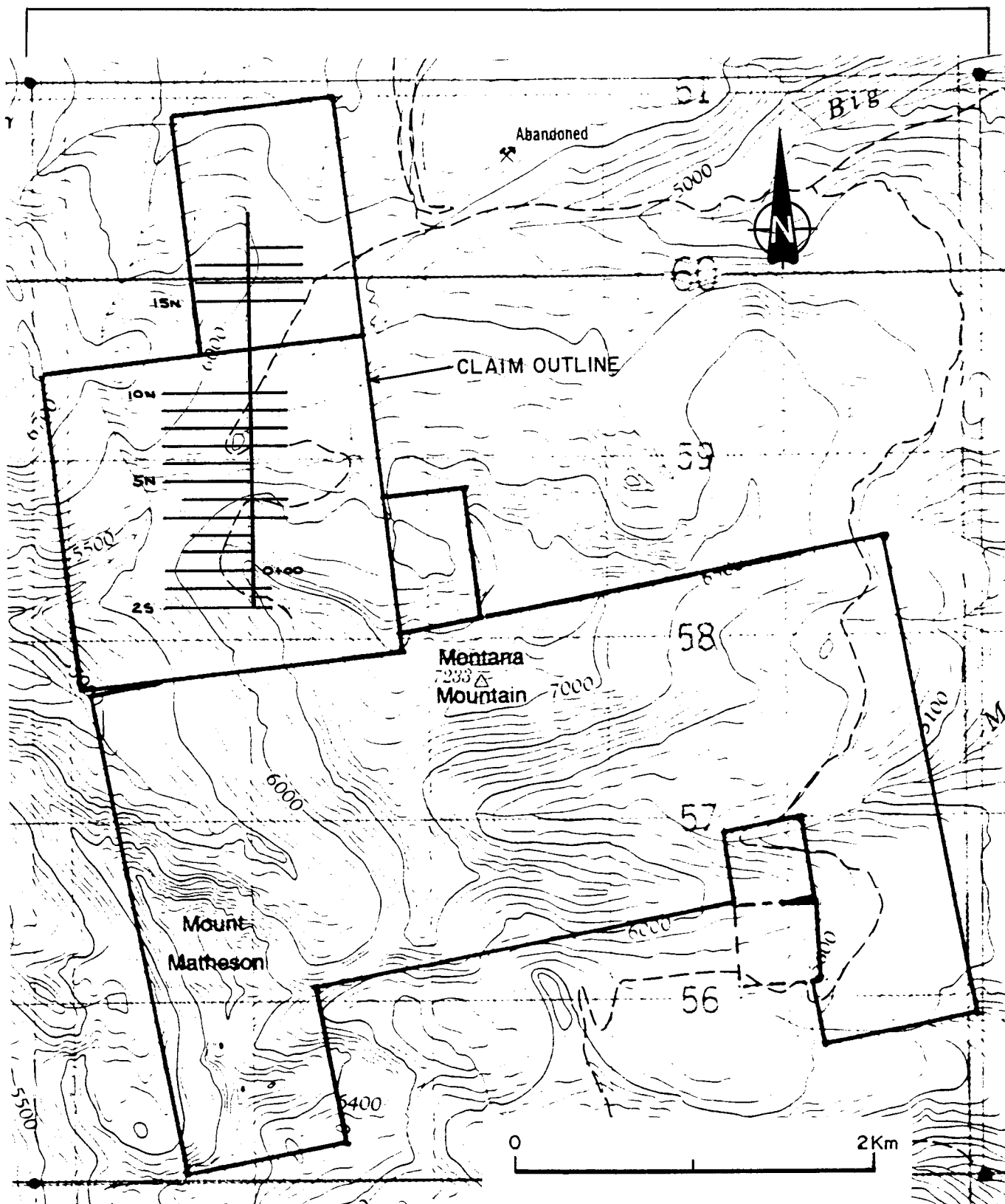


FIGURE 4

UNIVEX MINING CORPORATION
SOIL GEOCHEMICAL SURVEY GRIDS-1988
 (Additions to 1988 Grid plus Reconnaissance Lines "BL", "X", "Y", & "Z")

NOV., 1988
 PROJ. Nº UNV 88-2

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FIGURE 5 **GEOCHEMICAL SOIL SURVEY GRID - 1986**

NOV., 1988
 PROJ. N° UNV 88-2

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HEAVY-MINERAL STREAM SEDIMENT GEOCHEMICAL SURVEY

During the period of August 2 to 7, 1988, all of the streams/creeks in the vicinity of Montana Mountain were sampled (see Figure 6). An experienced sampler or "dredgemaster" using a portable suction-dredge nozzle, powered by a Kawasaki 2 cycle engine and a P-60 pump capable of 60 gallons/minute and a portable sluice box, collected 26 samples. Each sample represented approximately 0.5 to 1.0 yards of sand & gravel collected from the stream bed and passed through a grizzly to remove oversized stones and then into the sluice box. Approximately one hour was required to set up and take each sample.

The heavy minerals plus sand and gravel in the riffles of the sluicebox were collected in a large plastic sample bag in which the sluicebox mat was also cleaned. The sample collected amounted to about 2-3 kg.

The 26 samples were processed by Chemex Labs, North Vancouver, B.C. Each sample was sieved to two fractions:

- a) -10 + 140 mesh, and
- (b) -140 mesh

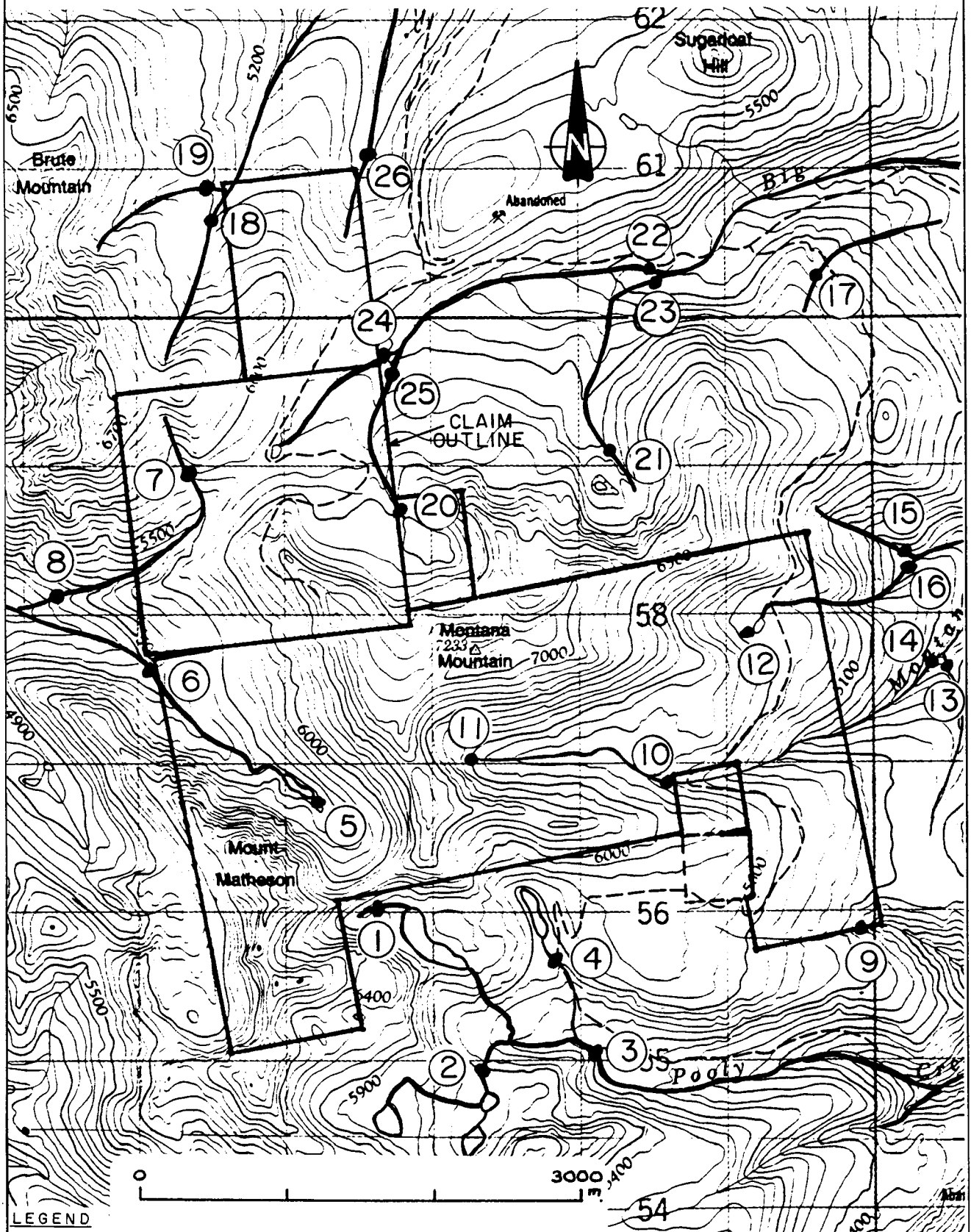
A 10 gram representative sample from each fraction was analysed for gold (parts per billion) using the fire assay technique with atomic absorption finish.

Besides analysing for gold, the minus 140 mesh portion of each sample was also analysed geochemically for Cu, Mo, Pb, Zn, Ag, As, Sb. The laboratory results are presented as Appendix I of this report.

TABLE 1Au (p.p.b) Analyses of Heavy Mineral Concentrates of Stream Sediments

<u>Sample No.</u>	<u>Fraction</u>		<u>Sample No.</u>	<u>Fraction</u>	
	<u>-10</u>	<u>+140</u>		<u>-10</u>	<u>+140</u>
1		5	14		5
2		10	15		230
3		35	16		5
4		300	17		1580
5		10	18		330
6		5	19		5
7		5	20		5290
8		5	21		880
9		5	22		1900
10		5	23		6350
11		5	24		2620
12		10	25		10000
13		880	26		5230

DATE: Nov. 30, 1988
 proj. # : UNV88-2



LEGEND

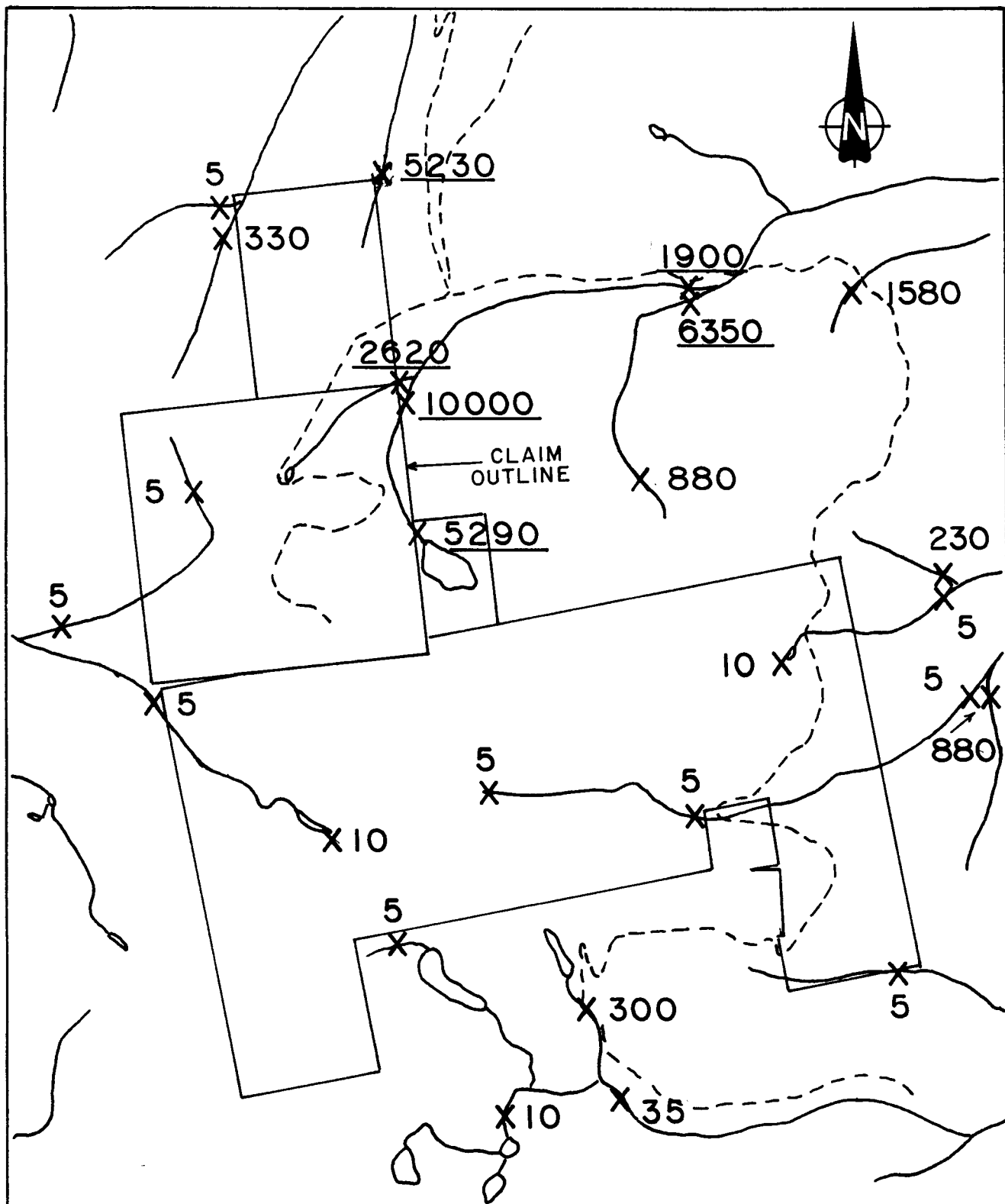
③ SAMPLE SITE

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HEAVY MINERAL STREAM SEDIMENT SAMPLE SITES

BURTON CONSULTING INC.

FIGURE 6



0 3000
meters

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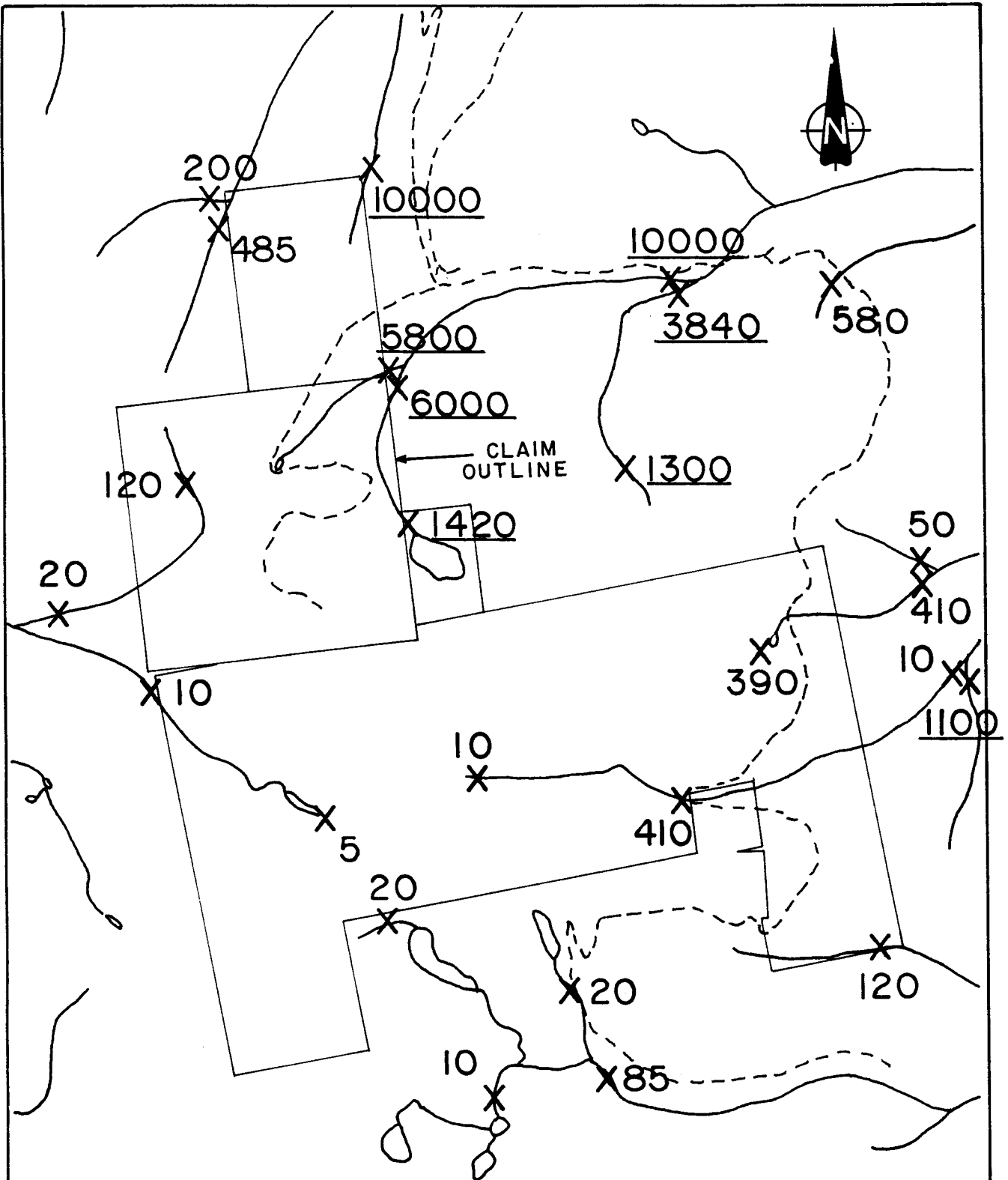
HEAVY MINERAL STREAM SEDIMENT
SURVEY

(-100/+140 mesh fraction)

MONTANA MOUNTAIN, Y.T.

DATE NOV 88	NTS 105.D/2
FIGURE 7	

date: Nov. 30, 1988
proj. # : UNV88-2



date: Nov. 30, 1988
proj. # : UNV** 2

Au (ppb)

BURTON CONSULTING INC.	
UNIVEX MINING CORP	
HEAVY MINERAL STREAM SEDIMENT SURVEY (-140 mesh fraction)	
MONTANA MOUNTAIN, Y.T.	
	NTS 105 D/2
DATE: NOV 88	FIGURE: 8

DISCUSSION OF RESULTS

Figures 6, 7 and 8 show the sample sites and respective Au (ppb) values. Clearly the western portion of the South Block of claims does not show much exploration potential encouragement - see samples #1, #2, #3, #4, #5, #6 and #11 as well as #7 and #8. Sample #4 was taken below, but near to the Aurora and Thistle showing as suggested by the lower Au (p.p.b.) value of the coarse fraction compared to the fine fraction. Further downstream (Sample #3), the fine fraction analysed higher than the coarse fraction.

The area in the central east portion of the sheet - samples #10, #12, #13, #14, #15 and #16 (with the exception of Sample #13) are more encouraging, but not exciting. Sample #13 taken from an unstaked area should be prospected further.

The northern portion of the area is clearly anomalous and is also controlled through the staking of claims. Samples #22 and #26 may be "contaminated" by the Arctic Caribou Mine and the Peerless Mine (Larry Barrett's Mine). Samples #23, #24 and #25 will be difficult to evaluate because of the extensive thick deposits of gravel. Samples #18 and #19 are of some surprise considering the low 1986 geochemical soil sample results on the western portion of the TB Claims.

The biggest surprise is the low Au (p.p.b.) values for Sample #8 considering that this sample was taken in the drainage basin containing the Kodak Trench (Lower Trench) and the Jean Vein. Perhaps the runoff is not well developed ;that is, there are no stream courses that cross the known mineralized showings.

GEOCHEMICAL SOIL SURVEY

A total of 796 soil samples were collected in the North and South Blocks during the 1988 field season. Figure 4 shows the control grids relative to the property boundaries. Enlargements of the control grids are shown as Figures 9 through 13 inclusive.

Sampling along the grid lines was at 25 metre intervals and at 10 meter intervals along the drill roads which cross known mineralized trends.

The soil development on the felsenmeer slopes is thin. The patterned ground at the base of the steep felsenmeer slopes presented a sampling problem in that large polygons of stones 10 metres plus in diameter have small silt-clay "mud boil" centres in the sample. The actual drainage areas consist of thick deposits of reworked sand and gravel. Permafrost is extensive throughout the whole area, generally 10 to 20 cm. below the surface, requiring composite sampling at most sample sites.

The soil samples were collected in Kraft paper geochemical bags and shipped to Min-En Laboratories, North Vancouver, B.C. Each sample was pulverized to -150 mesh and analysed using the 6-element I.C.P. method for As, Ag, Pb, Zn, Sb, Cu and atomic absorption spectroscopy for gold.

The analytical results are presented in Appendix II. Significant element values as determined by statistical methods are plotted on Figures 9 through 13 inclusive. Zn, Sb and Cu were not plotted. The statistical analysis consisted of plotting data onto probability-log paper, following the method discussed by Sinclair, 1976. A computer printout of this analysis is presented as Appendix III.

Comparison of the 1988 geochemical soil survey with the 1986 survey is possible, since the same control grid was used for both surveys and that the same laboratory was used for the geochemical analysis. The 1988 soil samples were pulverized to -150 mesh before analysis, while the 1986 samples were prepared for analysis by screening to -80 mesh.

The threshold and background values as determined from the probability-log plots for the 1988 sampling were as follows:

	<u>Threshold</u>	<u>Background</u>
Au (ppb)	155	31
Ag (ppm)	3.0	1.3
As (ppm)	308	200
Pb (ppm)	321	125
Zn (ppm)	319	150
Cu (ppm)	43	30
Sb	not done	not done

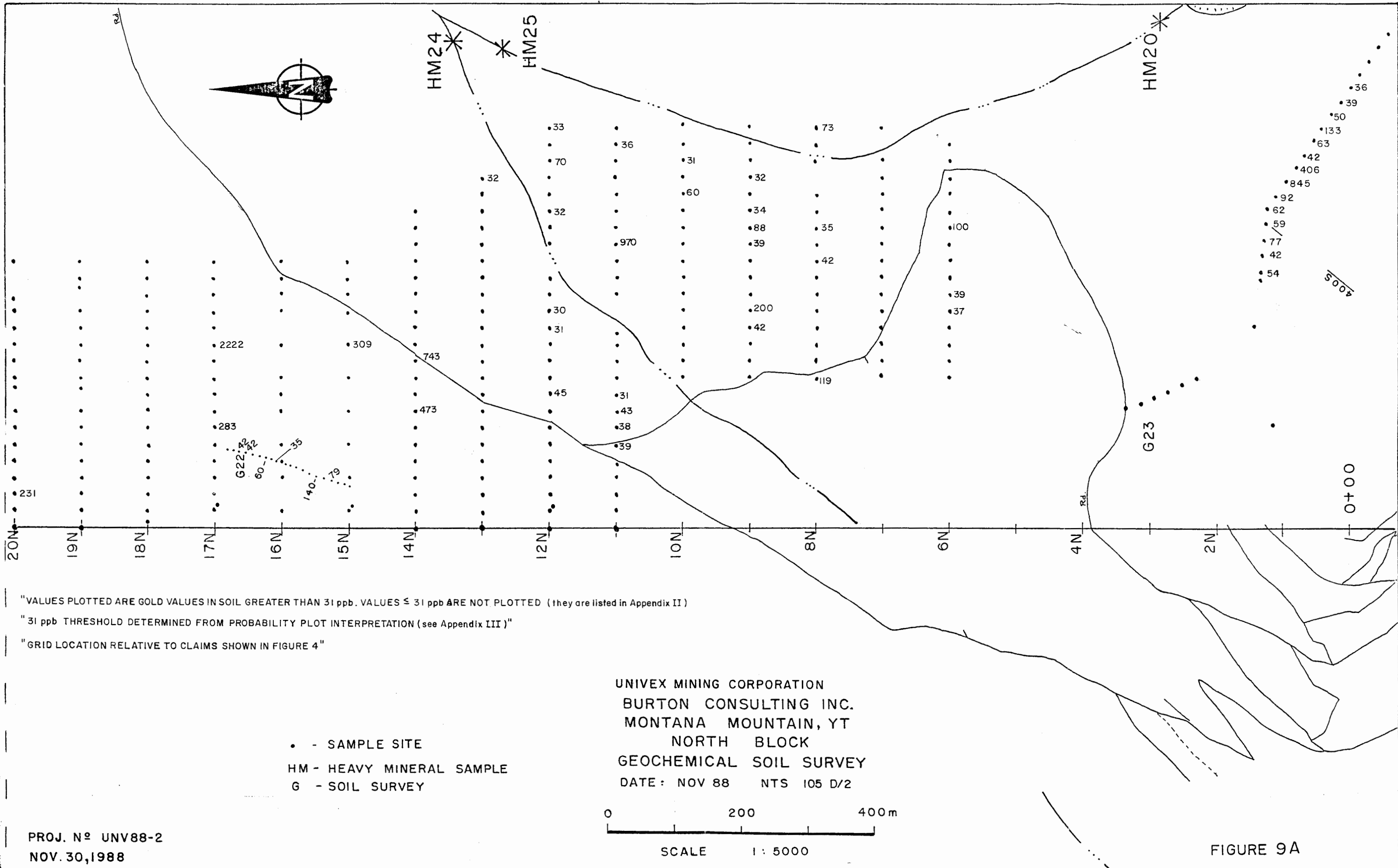
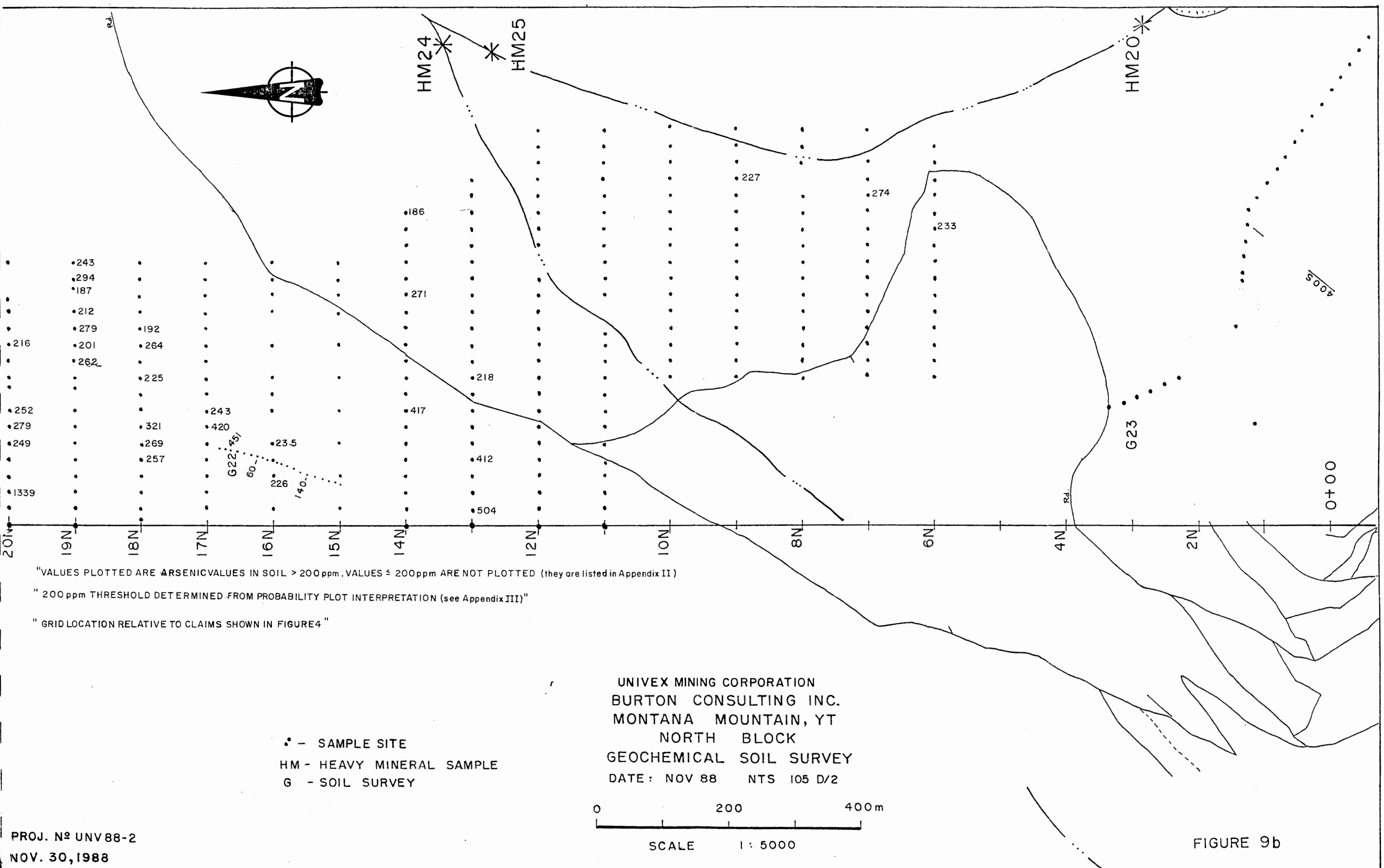


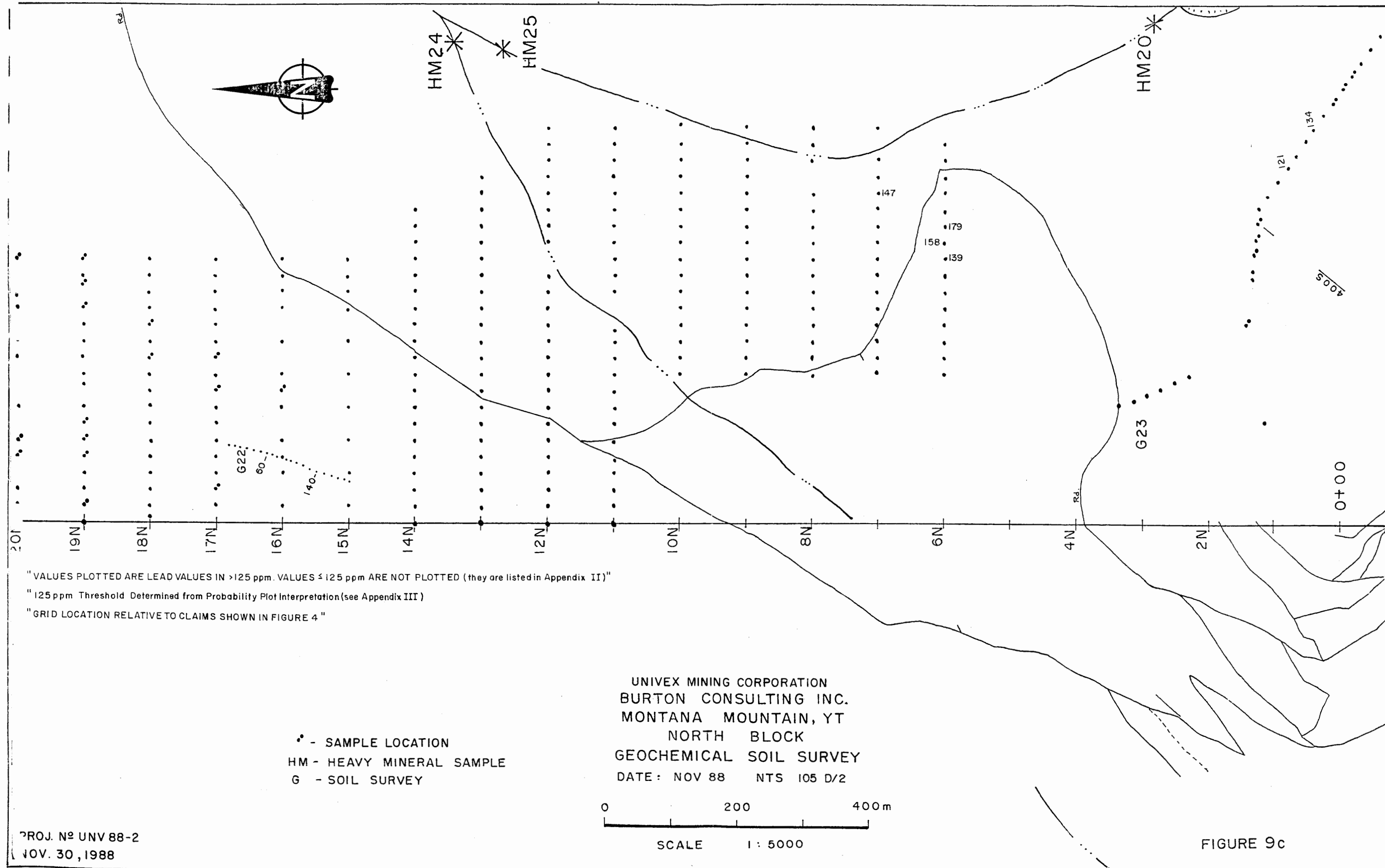
FIGURE 9A

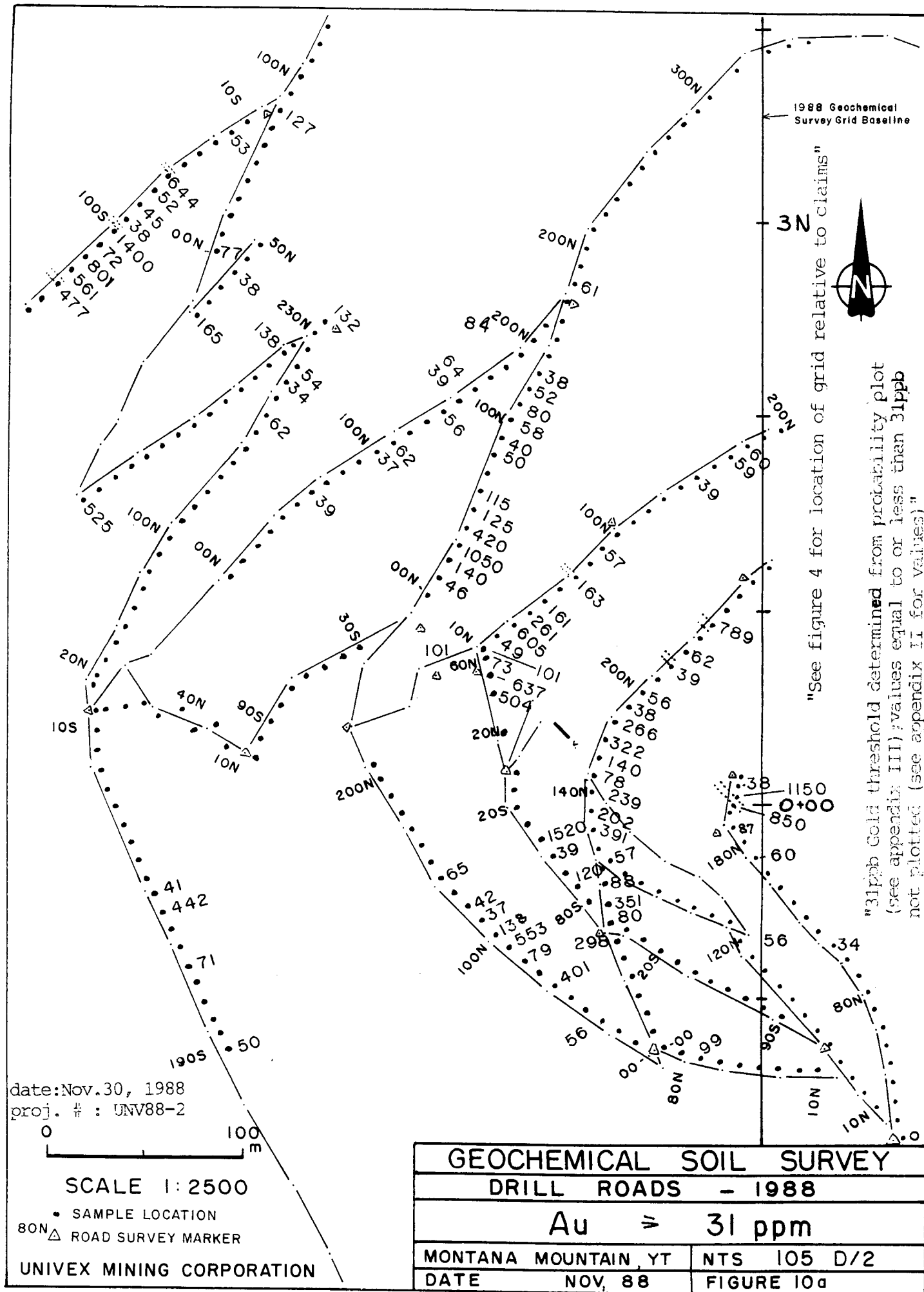


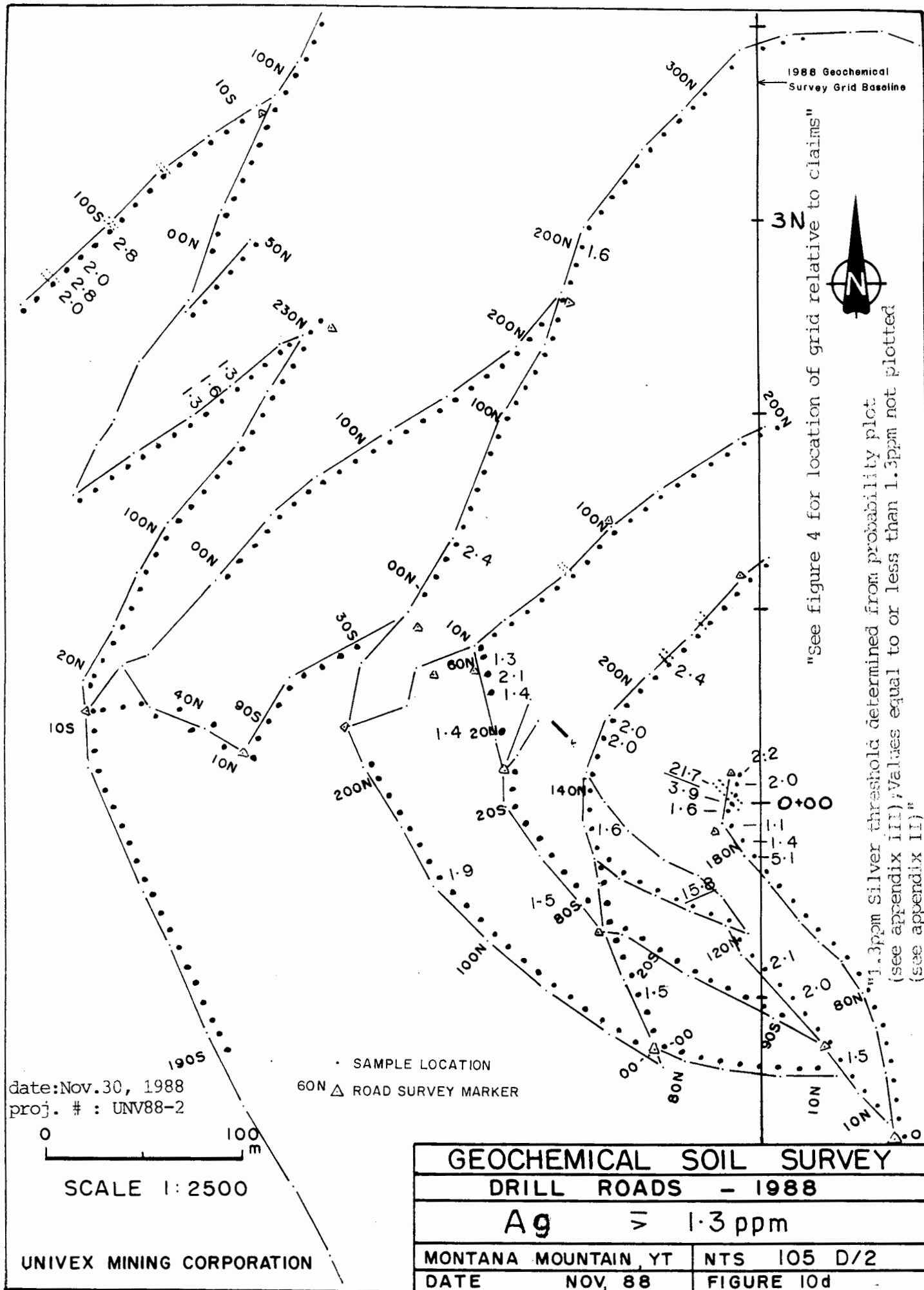
"VALUES PLOTTED ARE ARSENICVALUES IN SOIL > 200ppm. VALUES ≤ 200ppm ARE NOT PLOTTED (they are listed in Appendix II)

" 200 ppm THRESHOLD DETERMINED FROM PROBABILITY PLOT INTERPRETATION (see Appendix III)"

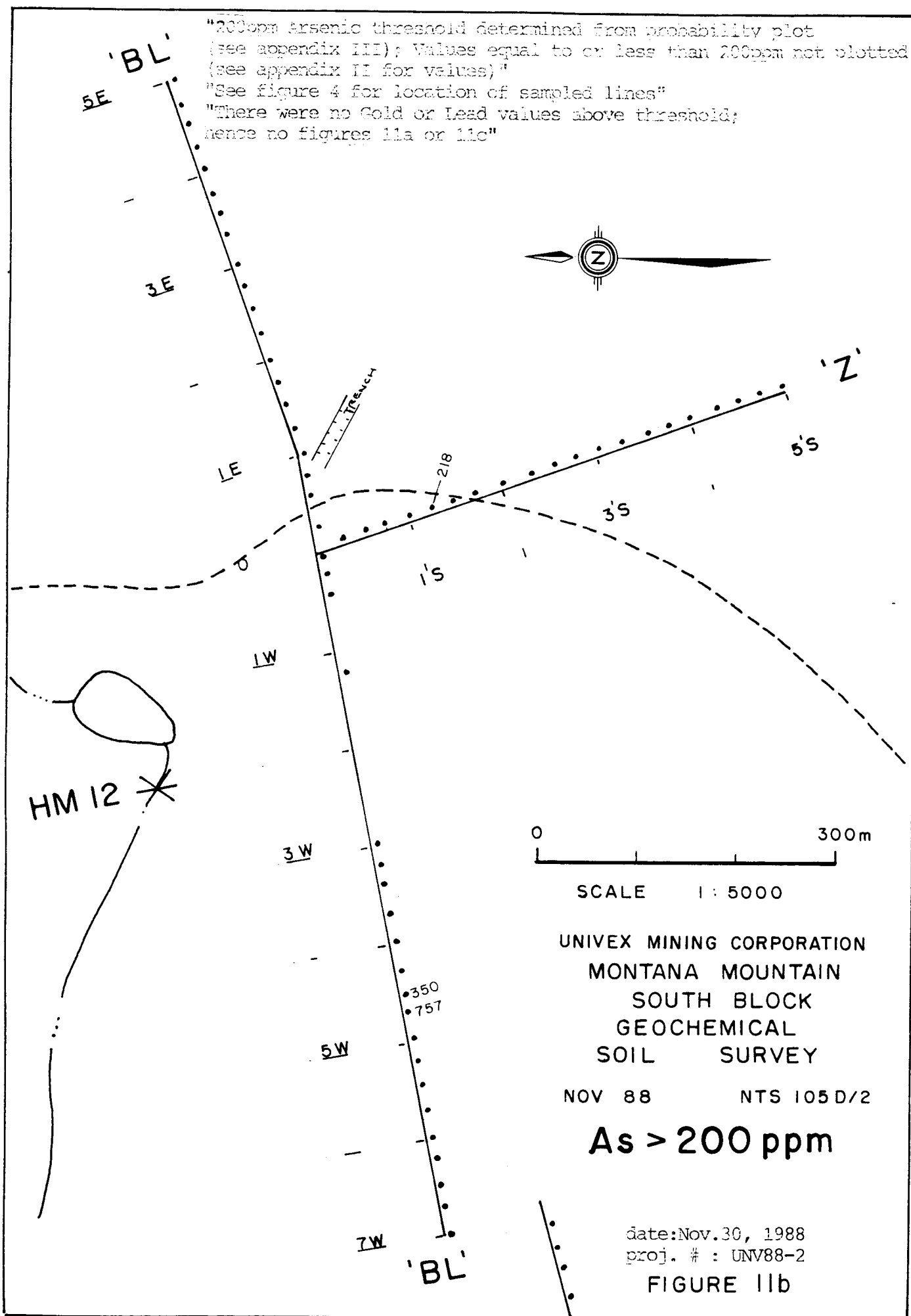
" GRID LOCATION RELATIVE TO CLAIMS SHOWN IN FIGURE4 "







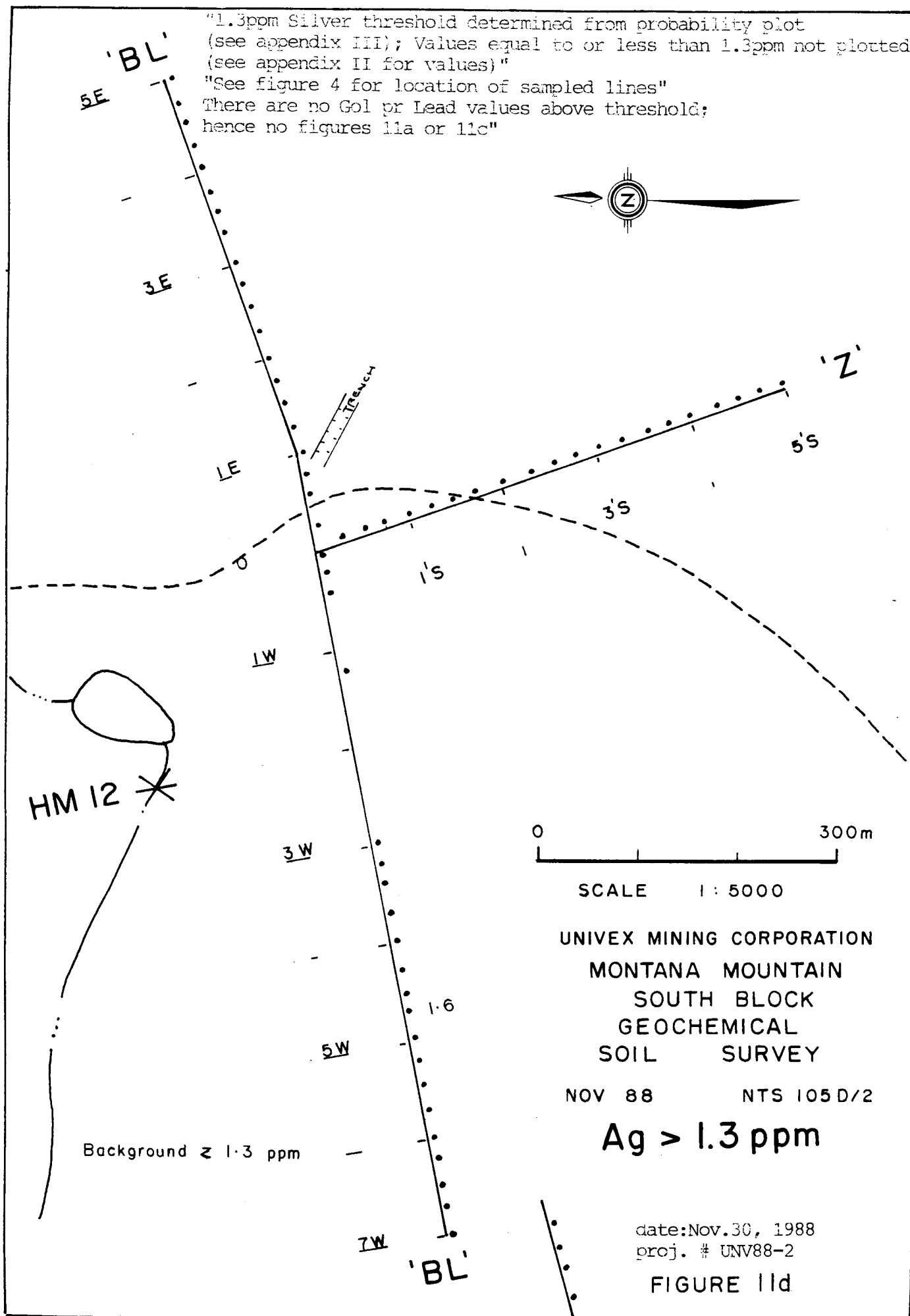
"200ppm Arsenic threshold determined from probability plot
(see appendix III); Values equal to or less than 200ppm not plotted
(see appendix II for values)"
 "See figure 4 for location of sampled lines"
 "There were no Gold or Lead values above threshold;
 hence no figures 11a or 11c"

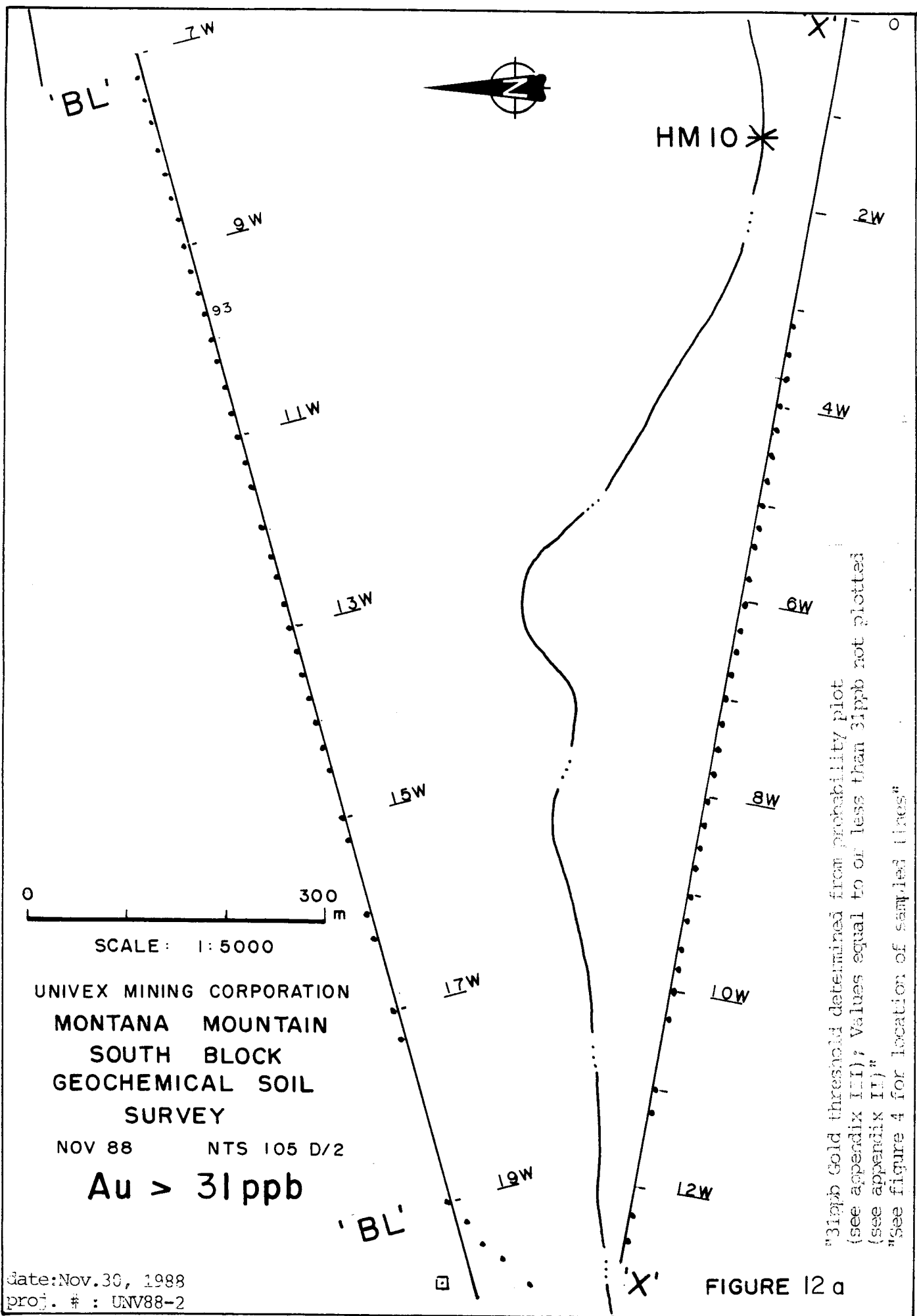


"1.3ppm Silver threshold determined from probability plot
(see appendix III); Values equal to or less than 1.3ppm not plotted
(see appendix II for values)"

"See figure 4 for location of sampled lines"

There are no Gol pr Lead values above threshold;
hence no figures 11a or 11c"





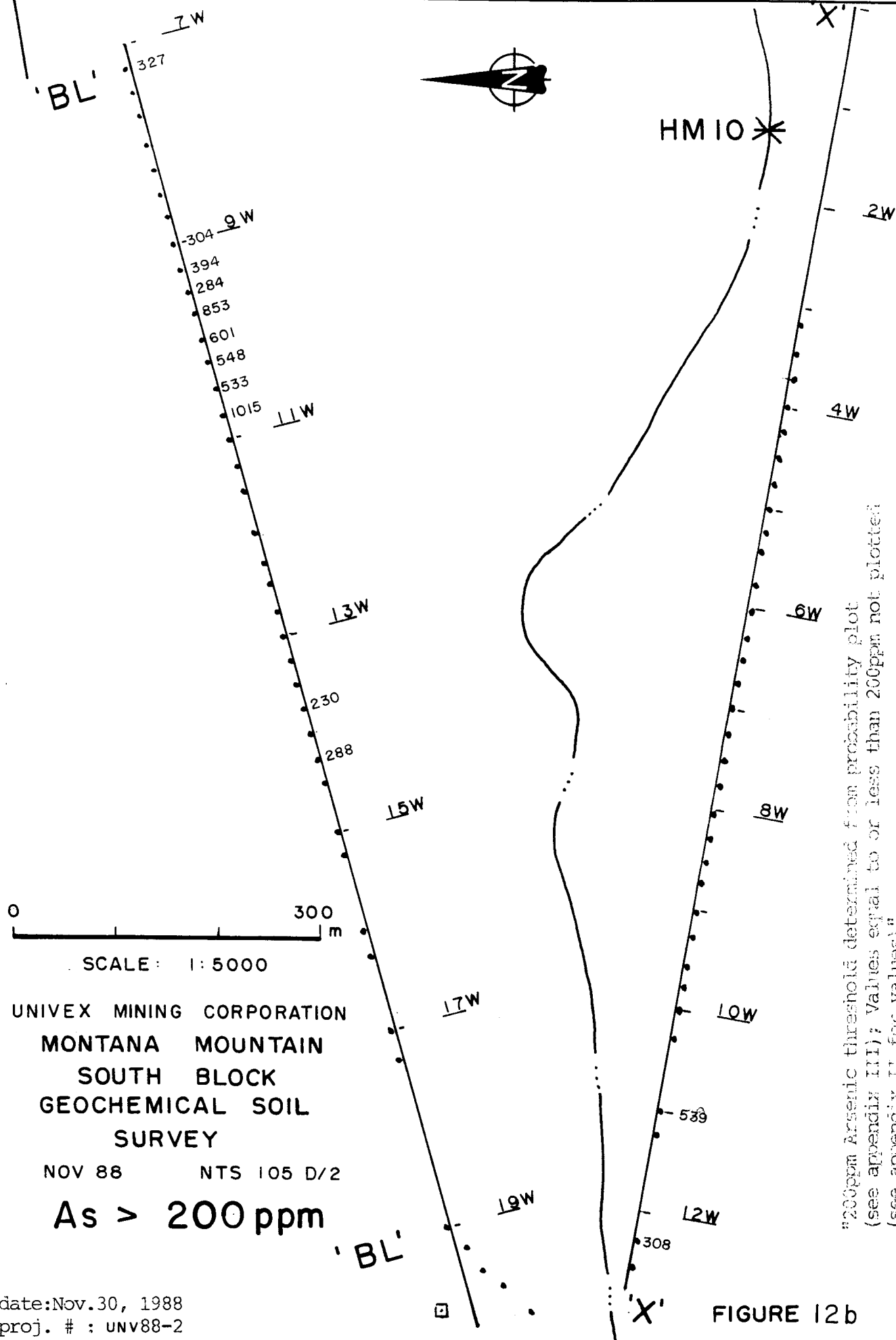
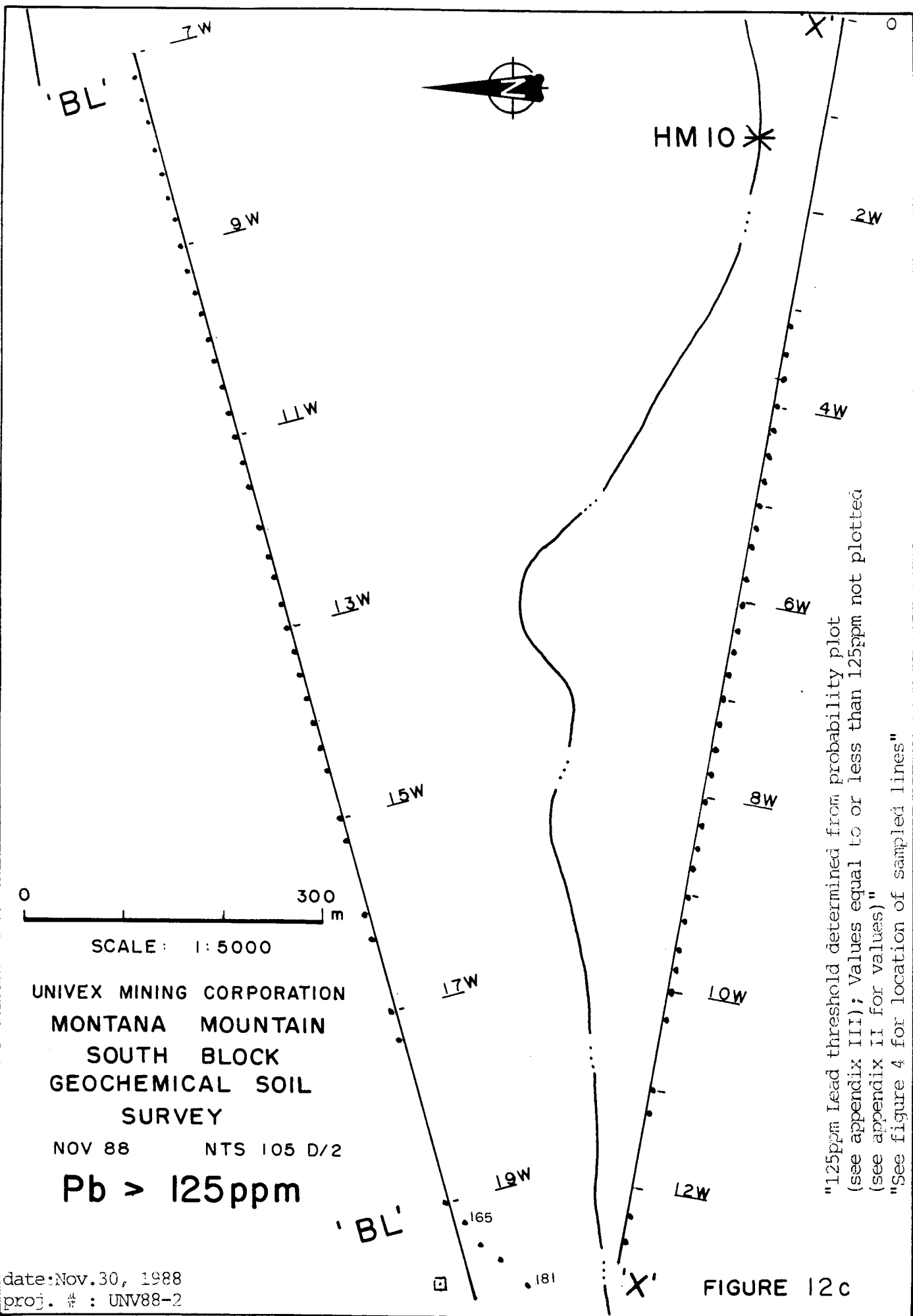
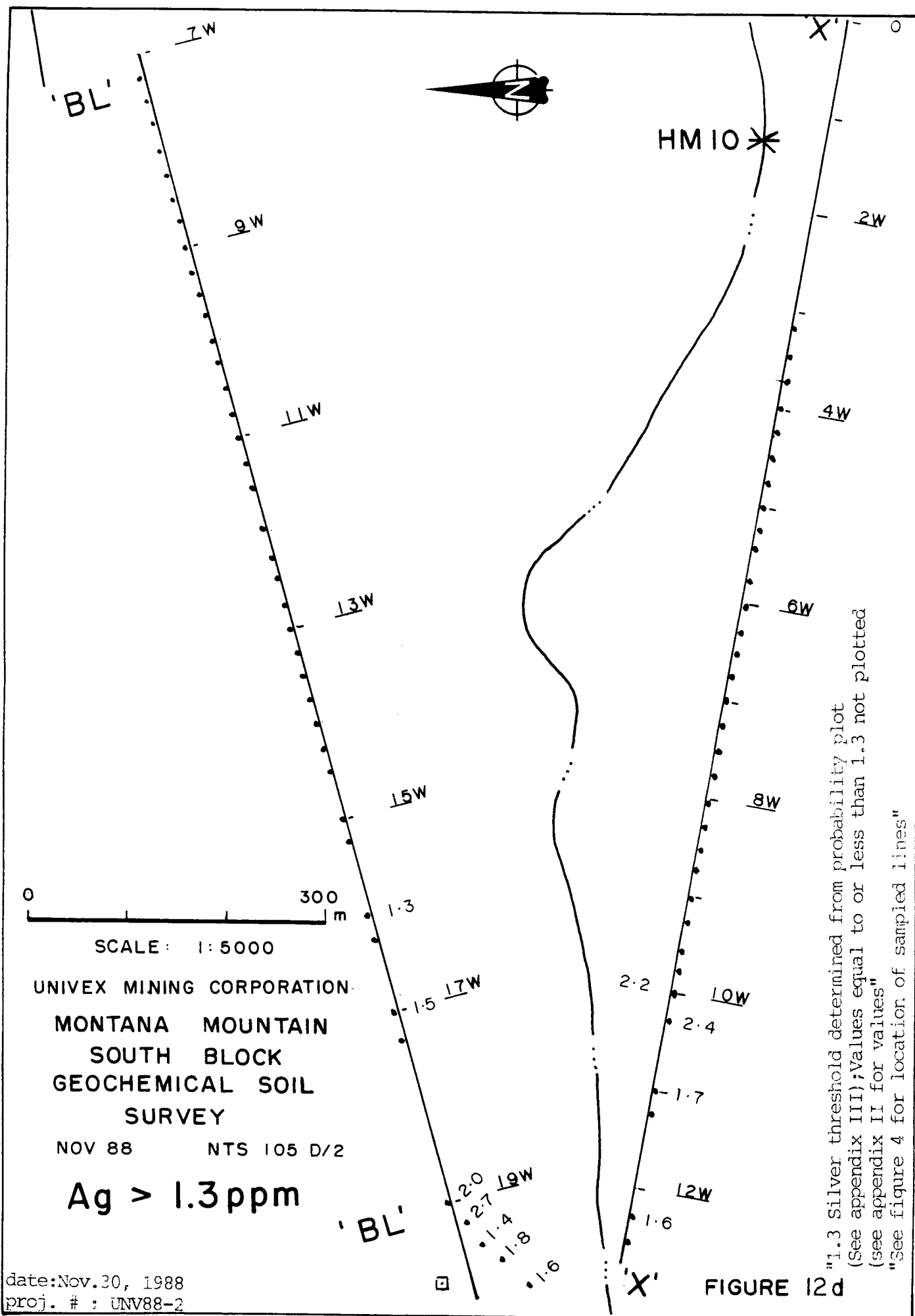
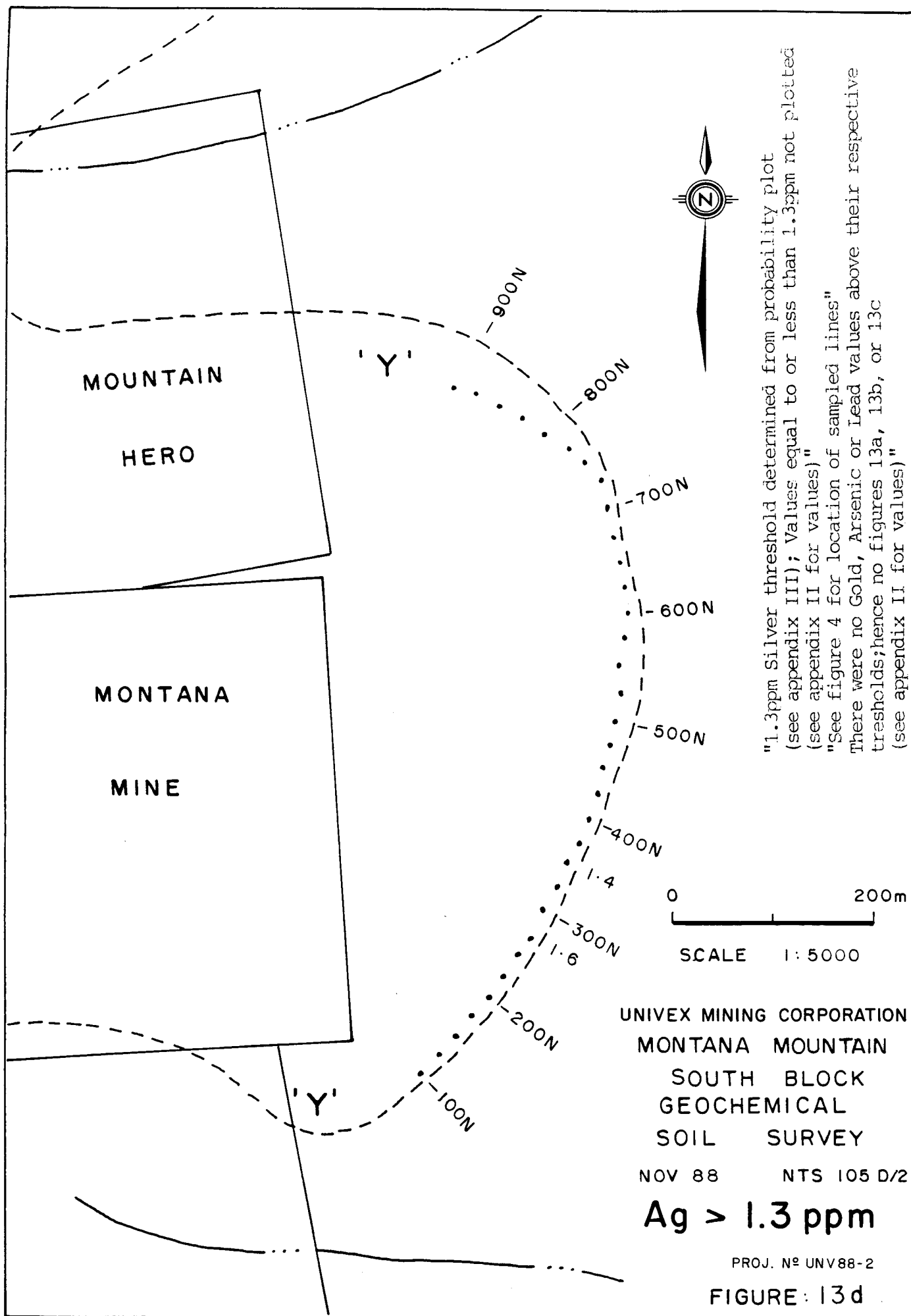


FIGURE 12b







DISCUSSION OF RESULTS

1. Drill Road Sector(North Block) Figures 10a to 10d

This sector contains the best and most widespread Au anomalies on the property. Some of the anomalies are associated with sampled oxide zones that come through the permafrost. The oxide zones are light-brown weathering discolorations that generally define a sharp linear feature such as jointing, veining or faulting.

The major Au anomalies on G1, G6, G11, G14 and G21 are all associated with oxide showings. The Au anomaly(442 ppb) on G21 was sampled from thick overburden with no distinctive features. This anomaly may be a contaminate from the showings upslope.

The anomalous readings of As, Pb and Ag for this sector are much more restrictive, but perhaps more meaningful. The Ag value of 15.8 ppm on G-2 is not supported by any other data and cannot be explained.

The data presented in Figures 10a to 10d as well as those on Figures 9 through 13 inclusive suggest that mineralization is in the form of short narrow veins and fractures.

2. Remaining North Block Sector Figures 9a to 9d

The anomalies associated with the northern portion of the area between 16N and 20N are interesting, in that this area has extensive rock exposure, yet no exposed quartz veining. The anomalies, in particular As and Ag, are associated with gullies extending to the northeast.

The anomalous readings in the valley bottom are scattered and associated with deep overburden. The Au anomalies found along G-23 are clearly outwash phenomena, and must be followed up. The high reading of 2220 ppb at 17N-275E is from an area containing numerous gossanous stones and may represent a placer nugget effect.

3. South Block Sector Figures 11b & 11d, 12a to 12d, 13d

One area, 9W to 11W on BL(baseline) has extensive anomalous As values and the only anomalous Au reading in the sector. The Ag anomaly between 19W and 20W on BL has some anomalous Pb values associated with it but no anomalous values in As or Au. These two areas must be examined more closely, as the -140 mesh fraction of H.M. stream sediment sample #10 also had a small anomalous Au reading.

PITS AND TRENCHES

Several new roads or trenches, G1, parts of G-6 and G-11, G-15, G-16, G-17 and G-21 (shown in Figure 3) and G-22 (on Figure 9) were bulldozed/constructed during the 1988 season. A D-6 caterpillar tractor was first used, but was ineffective against the extreme permafrost. A Drott 40 excavator was used next to clear the overburden from alongside the roads which passed over 1986 soil geochemical anomalies, and to dig a number of selected test pits in areas of oxidization or quartz veining.

A D-8 caterpillar tractor, available near the end of the 1988 season, was generally able to scrape the overburden down to the solid permafrost, hence exposing the heaved underlying rock to sampling.

Trenching and blasting were attempted at a number of sites on the property (see Figures 14 through 17 inclusive). In most cases, the plugger drilling was hampered by permafrost, as a portable gasoline-powered plugger was used. The terrain was too steep in places to transport a suitable compressor with the available 4x4 3/4 ton truck.

Road and trenching construction by D-6 and D-8 caterpillar tractor constitute 1460 metres of new road, plus improvements made to the existing road system. The Drott 40 excavator was used to clear over 500 metres along drill roads, including 8 pits of varying depth (generally about 1.0 metre deep due to permafrost).

The trenches indicated on Figures 14 through 17 inclusive were all blasted as outlined, and sampled. Several other trenches were blasted and sampled, as compiled on Figure 18. A series of small trenches were blasted along the hillside about 100E between 15N and 17N of grid baseline. These pits were eventually destroyed when the D-8 cat trenched G-22, and the entire new trench was soil sampled, with several rock samples being taken for analysis.

Sample 18569, situated at 17N-135E, is a piece of float quartz with fine black sulphide lenses and assaying 0.082 oz/ton Au. No sign of this quartz vein was seen in Trench G-22. Trench G-22 could be extended another 25 to 30 metres through a large boulder field to the edge of a solid granite outcrop extending down the slope.

Sample No	Width m	Au oz/ton
18510	0.5	.052
18511	0.6	.008
18512	1.0	.006
18513	0.5	.001
18514	0.6	.016
18515	1.0	.121
18516	1.0	.007
18517	2.9	.005
18518	1.0	.008
18519	0.5	.008
18520	1.0	.076

"See figure 3 for Trench Location"
 "See appendix II for Geochemical Soil Analyses
 Corresponding with Trench Sampling"

Δ 127A

date: Nov. 30, 1988
 proj. #: UNV88-2

Road

Δ 128

Mn.
Staining

GRANITE
RUBBLE

oxide
zone

18512

18510

18511

18515

18516

18513

18514

Mn.

staining

18517

mud
ice

Mn.

staining

18518

18519

18520

- silicified



0 10 m

BURTON CONSULTING INC.

UNIVEX MINING CORPORATION

TRENCH ONE

G I (000 - 015 W)

GEOCHEMICAL PLAN

MONTANA MOUNTAIN, YUKON

SCALE 1:125

NTS 105 D/2

DATE NOV 88

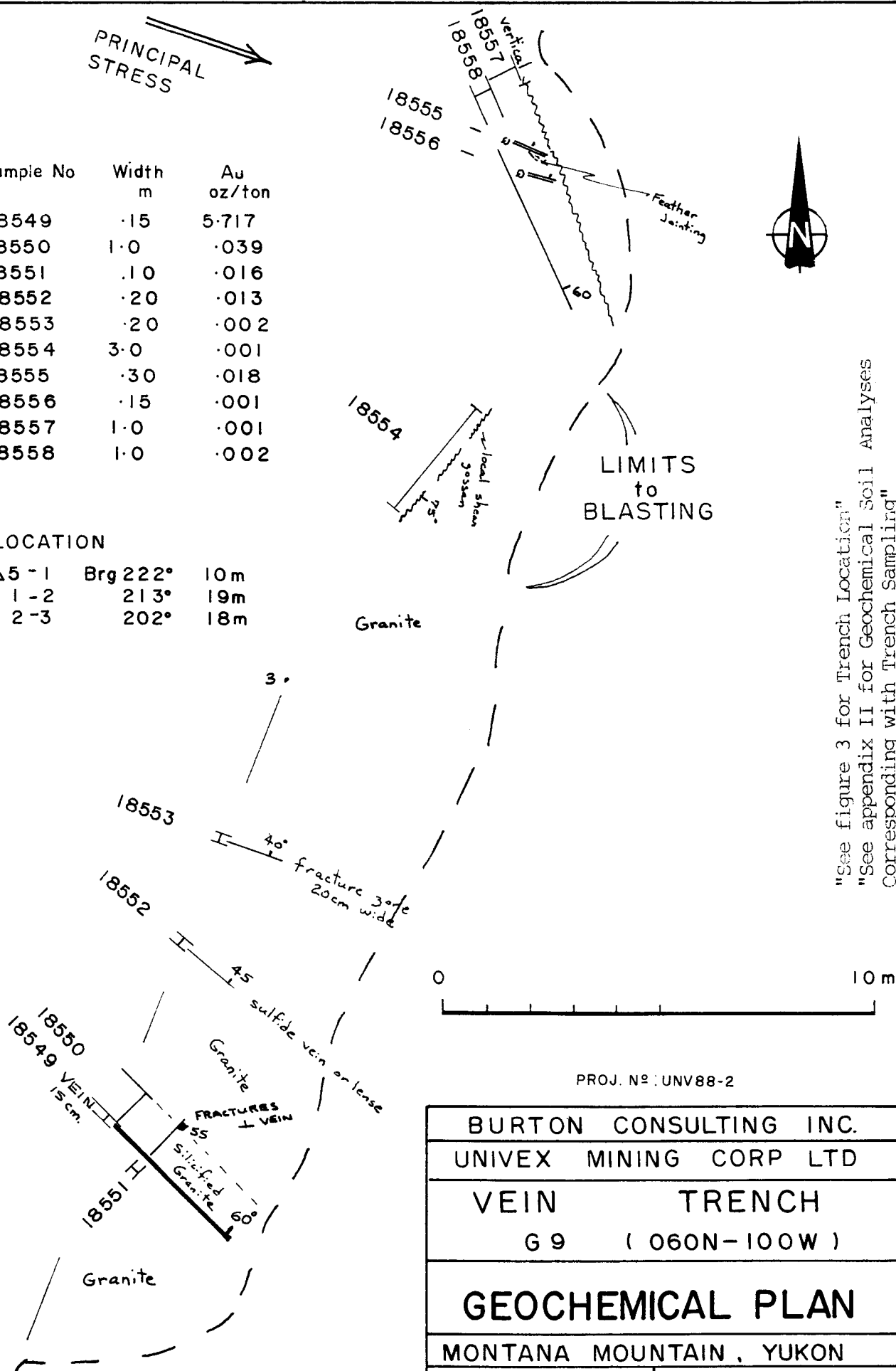
FIGURE 14

PRINCIPAL
STRESS

Sample No	Width m	Au oz/ton
18549	.15	5.717
18550	1.0	.039
18551	.10	.016
18552	.20	.013
18553	.20	.002
18554	3.0	.001
18555	.30	.018
18556	.15	.001
18557	1.0	.001
18558	1.0	.002

LOCATION

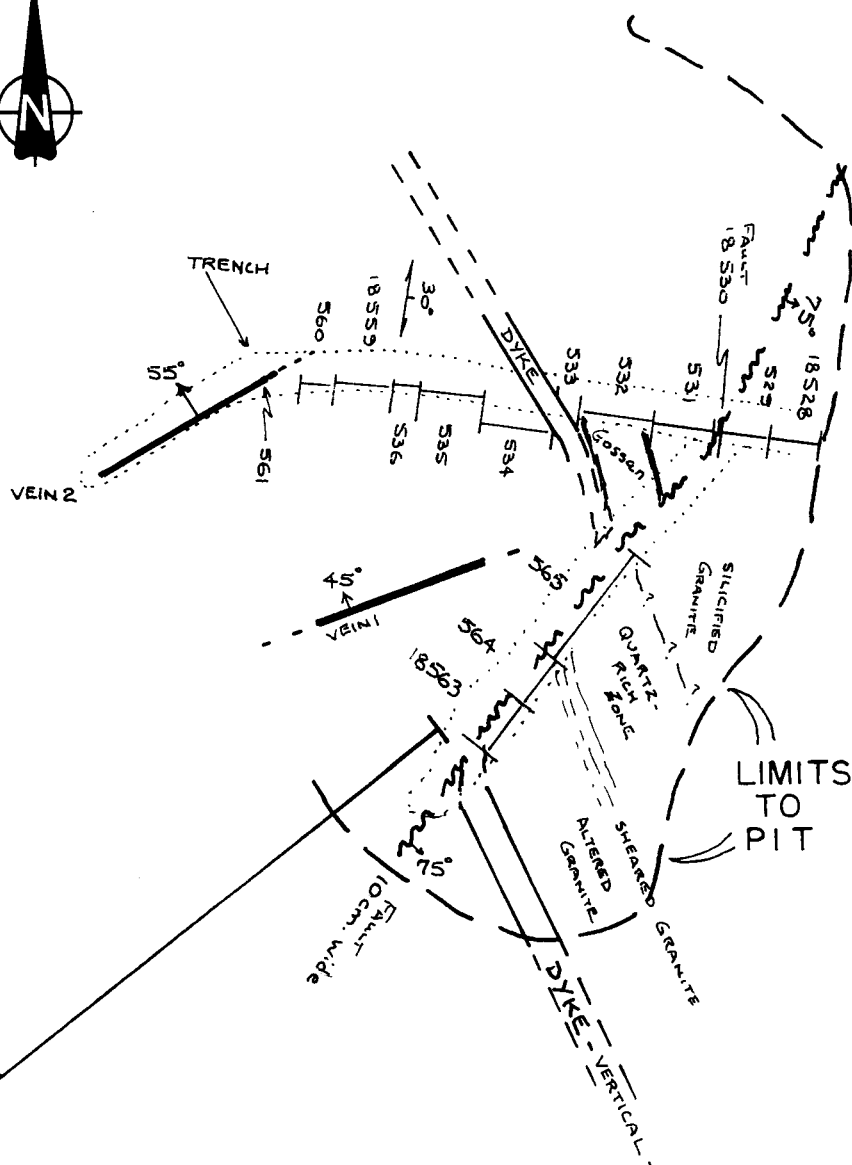
Δ 5 - 1	Brg 222°	10m
1 - 2	213°	19m
2 - 3	202°	18m



"See figure 3 for Trench Location"
 "See appendix II for Geochemical Soil Analyses
 Corresponding with Trench Sampling"

SAMP. NO	WIDTH m	Au oz/ton
----------	---------	-----------

18528	1.0	.005
18529	1.0	.001
18530	3.0	.007
18531	1.0	.002
18532	1.0	.005
18533	0.5	.001
18534	1.0	.002
18535	1.0	.001
18536	0.5	.001
18559	1.0	.001
18560	0.5	.001
18561	.05	.483 vein 2
18562	.05	3.544 vein 1
18563	1.0	.011
18564	1.0	.006
18565	2.0	.081



"See figure 3 for Trench Location"
 "See appendix II for Geochemical Analyses
 Corresponding with Trench Sampling"

X DDH 86-10

0 10 m

PROJ. N° UNV88-2

BURTON CONSULTING INC.

UNIVEX MINING CORPORATION

LOWER TRENCH

G18 (230N-300W)

GEOCHEMICAL PLAN

MONTANA MOUNTAIN, YUKON

SCALE - 1:125

NTS: 105 D/2

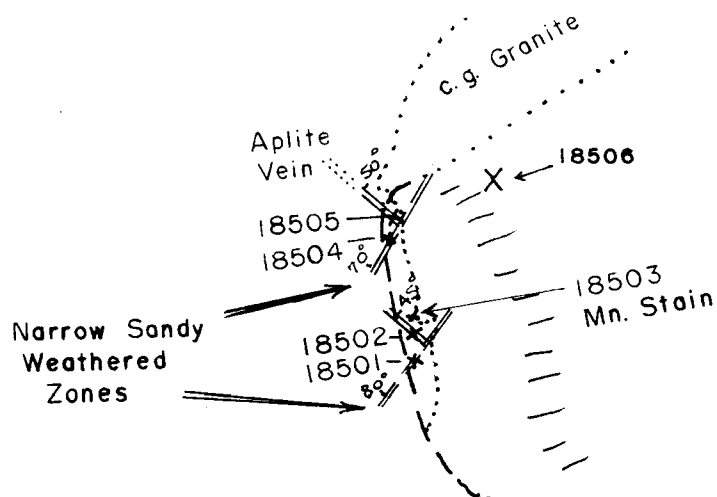
DATE: NOV 88

FIGURE 16

Sample No.	Width m.	Au oz/ton
18501	·25	·001
18502	·15	·001
18503	·15	·001
18504	·15	·001
18505	·20	·001
18506	Float	·028



18+37 N



"See figure 3 for Trench Location"
 "See appendix II for Geochemical Soil Analyses
 Corresponding with Trench Sampling"



PROJ. N° : UNV88-2

BURTON CONSULTING INC.

UNIVEX MINING CORP LTD

NORTH TRENCH
 (18+37 N — 013 E)

GEOCHEMICAL PLAN

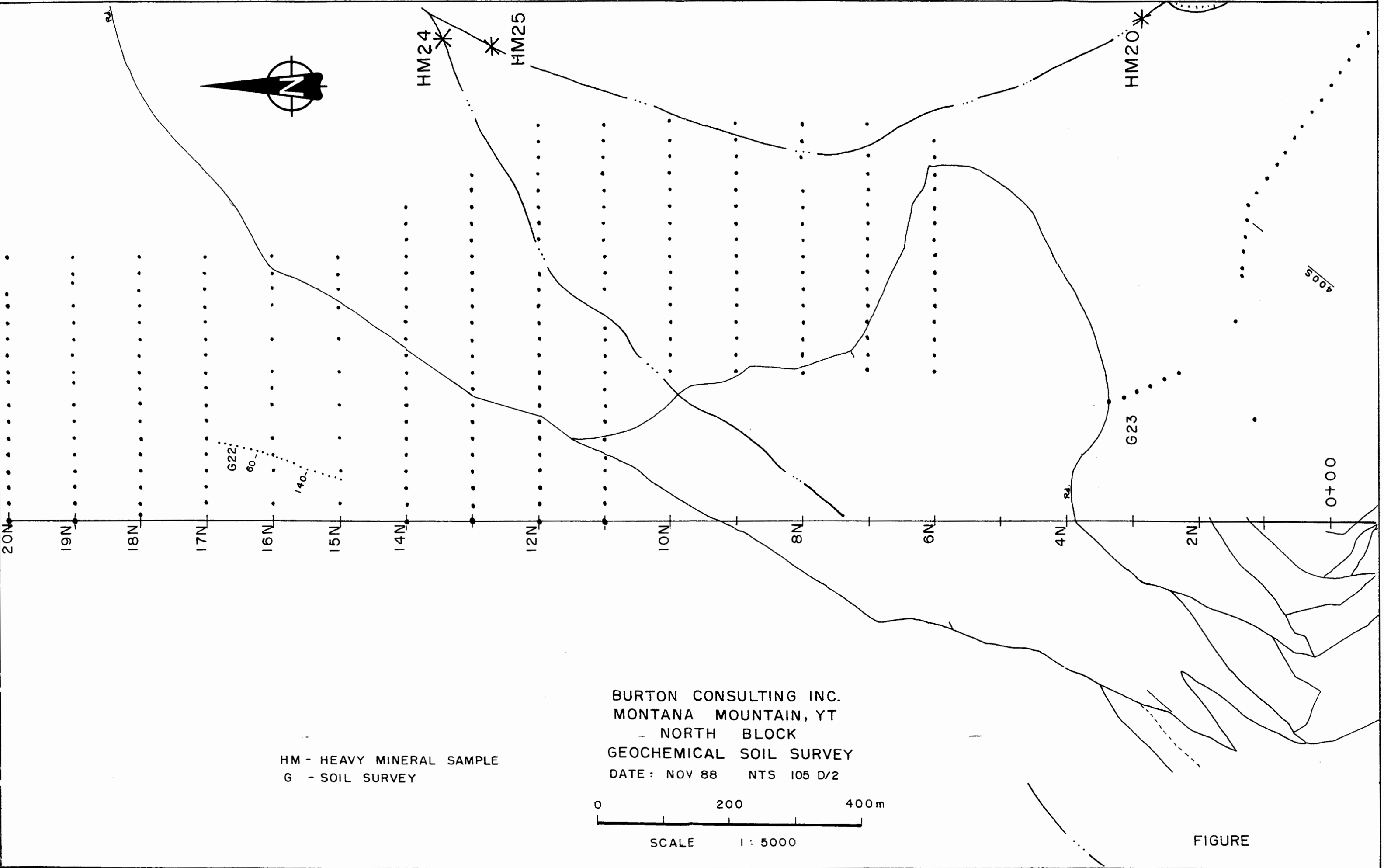
MONTANA MOUNTAIN, YUKON

SCALE: 1 : 125

NTS: 105 D/2

DATE: NOV 88

FIGURE: 17



HM - HEAVY MINERAL SAMPLE
G - SOIL SURVEY

BURTON CONSULTING INC.
MONTANA MOUNTAIN, YT
- NORTH BLOCK
GEOCHEMICAL SOIL SURVEY
DATE: NOV 88 NTS 105 D/2

0 200 400m
SCALE 1: 5000

FIGURE

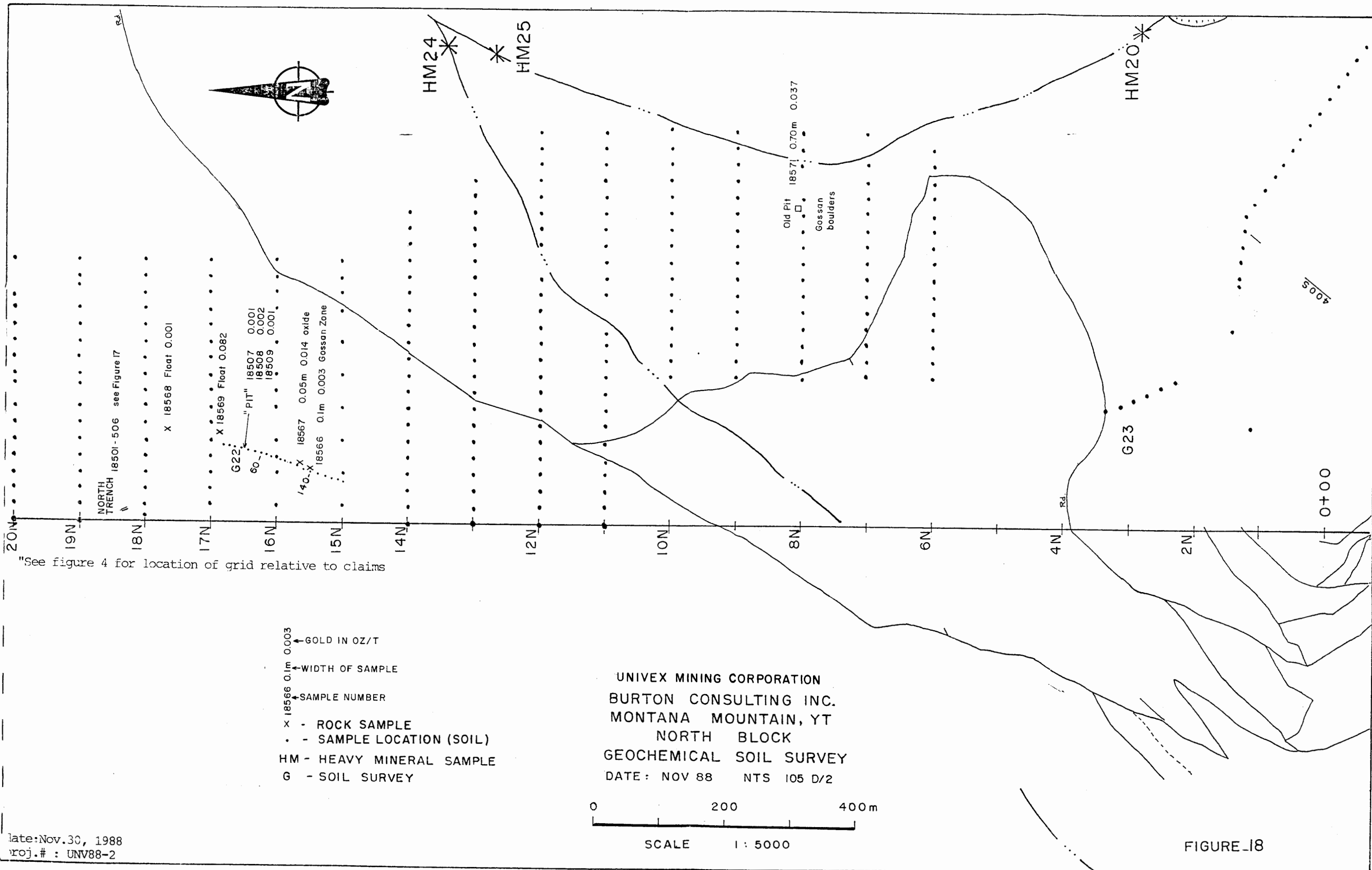


FIGURE 18

DRILL CORE - 1986 DRILLING

Of the 10 holes drilled in 1986, the drill core for holes 86-2, 86-3, 86-4, 86-6, 86-7, 86-8, 86-9 is stored at the Dept. of Indian and Northern Affairs Core Storage Facility, Whitehorse, Y.T.

Resampling of this drill core during 1988 gave the following results:

<u>Hole #</u>	<u>Interval(ft)</u>	<u>Width(ft)</u>	<u>Sample #</u>	<u>Assay(Au-oz/ton)</u>
86-2	54.5 - 55.5	1.0	18540	0.003
	55.5 - 56.5	1.0	18541	0.001
	56.5 - 57.8	1.3	18542	0.001
86-3	58.5 - 59.5	1.0	18539	0.001
86-9	60.0 - 62.0	2.0	18537	0.001
	65.5 - 66.5	1.0	18538	0.015

CONCLUSIONS & RECOMMENDATIONS

The 1986 drilling program outlined the main vein to extend 90 metres and that a second vein had made its appearance at the Adit road(G-11). The 1988 exploration program has indicated several parallel veins, possibly narrow to 1.0 metres in width with roughly parallel orientation(315° bearing) and steeply-dipping(about 60°NE) in the drill road section of the area. The 1988 program further suggests that the mineralized veins do not continue as individual strong features but rather as a series of short(100 metre) veins.

The difficulty with surface exploration in terms of lack of exposure even when trenches are bulldozed makes it imperative that a series of drill holes form a fence across the assumed trend; however, it is also highly likely that gold-quartz mineralization may be developed at right angles to the trend, as suggested by the bleached zone along G-7 having Au values of 553 ppb.

The irregularity and uncertainty of projecting mineralized trends is shown in the lower trench area and G-21. On G-21 there are three excellent Au anomalies, one of which should have been picked up by drill hole 86-10, should the assumed projection trend used above at the vein showing be correct. The lower trench mineralization control is not clear. The fault cutting the dyke indicates right-hand displacement; hence the principal stress responsible for the arseopyrite veins #1 and #2 would be a tensional feature.

The northern end of the North Block appears to be a different situation. There are no exposed gold-quartz veins and there is extensive rock exposure down the slope of the east-facing side. The geochemical anomalies appear to follow the gullies between rock outcrops, and are aligned in a northeasterly direction, different to the southeasterly trend generally observed in the drill road sector. Two float samples of gold-quartz veining typical of the drill road sector have been found in the northern sector, and it is likely that the samples are locally derived.

The trench G-22 which followed along a series of small pits does not show any obvious mineralized veining, although some soil samples and a rock sample taken from an oxidized zone are anomalous. The soil anomalies are mainly Ag and As. The trench G-22 was stopped before a large boulder field with solid granite outcrop beyond.

To test the gullies between 17N & 18N and 18N & 19N, it may be possible to have a D-8(or equivalent) cat cut a trench from top to bottom. The operator will have to be experienced, as this manoeuver could be risky as well as environmentally unsound.

The traverse G-23 along the base of the western slope of the lake basin indicates a clear outwash form for an Au anomaly. The H.M. stream sediment sample #4 at the outlet of the lake is highly anomalous, supporting the contention of mineralized veining in the basin.

The South Block of claims has only fair to moderate success. The As anomaly along BL grid(9W to 11W) is interesting, but the anomaly is not large or extensive. The H.M. stream sediment survey does not show the South Block to be a prime target, although there are some small to medium-sized indications.

It is recommended that:

1)Re South Block

a) the drainage basin for H.M. stream sediment sample #4 be carefully examined as well as soil samples taken parallel to the stream course on both sides of the stream, to pick up the outwash apron of mineralization.

b) that the As anomaly between 9W & 11W on BL grid be examined and that two lines of soil samples be taken parallel to the BL grid to see if this anomaly extends upslope.

c) that a good portion of the South Block claims be dropped, particularly the western portion.

2)Re North Block

a)North End

i) that the trench G-22 be extended across the rock field to granite outcrop, using a D-8 cat or equivalent.

ii) that a trench be cut downslope in the gully between 18N & 19N to the east, if there is no environmental objection. The location of such gully trenches would be in the vicinity of the two mineralized float samples.

b) Cirque Lake Basin

i) to carry out further soil sampling so as to recheck the indicated Au anomaly and to check the eastern boundary of the cirque lake basin.

c) Drill Road Sector

i) this is the most important and extensive anomalous area on the property. As mentioned previously, there are limitations to trenching and soil sampling. What remains now is:

- selected drilling
- soil geochemistry further to south but parallel to the contours at 15 metre intervals
- further soil sampling below G-21 at 15 metre intervals parallel to contours

COST BREAKDOWN

** Please note that there were more legitimate expenses which are not listed here, since there are more than enough expenses listed to cover the work certificates which are being applied for **

1) PERSONNEL & RATES

A. Burton	Engineer	70.00/hr.	425.00/day
B.E. MacKean	Project Geologist		300.00/day
D.F. Symonds	Geologist		250.00/day
	Project Geol.	60.00/hr.	350.00/day
B. Crockford	Technician		210.00/day
F. Loutitt	Driller/Blaster		200.00/day
Casual Labour	Field Asst.		70.00/day

DATES WORKED

A. Burton	July 11(1 hr.), 13(1 hr.), 16, 17, 29 August 1, 5(1/2 day), 9(1 hr.), 16(2 hrs.) Sept. 25 Dec. 4,5	Total(A. Burton)	<u>\$3,537.50</u>
B.E. MacKean	July 8-31 August 1-30 Sept. 2 Nov. 20-25	Total(B. MacKean)	<u>\$18,300.00</u>
D.F. Symonds (Geologist)	July 28-31 August 1-11		
D.F. Symonds (Project Geol.)	Nov. 26(1 hr.), 28(2 hrs.), 29(7 hrs.) Nov. 30(4 hrs.) Dec. 1, 5(3 hrs.)	Total(D. Symonds)	<u>\$5,120.00</u>
B. Crockford	July 29-31 August 1-7	Total(B. Crockford)	<u>\$2,100.00</u>
F. Loutitt	August 7-18	Total(F. Loutitt)	<u>\$2,400.00</u>
Casual Labour	July/August, 12 days		<u>\$840.00</u>
TOTAL PERSONNEL			<u>\$32,297.50</u>

2) ANALYTICAL COSTS

Chemex Invoice	#18881460	\$29.10
Min-En	" 8-1529	\$4,225.75
Min-En	" 8-1328	\$4,192.50
Chemex	" #18820900	\$513.50

BURTON CONSULTING INC.

Chemex	"	#18820901	\$266.50
Min-En	"	8-1175	\$2,372.50
Min-En	"	8-1199	\$2,175.95

TOTAL ANALYTICAL COSTS	<u>\$13,775.80</u>
------------------------	--------------------

3) ACCOMODATION & MEALS

80 Man-Days @ \$50.00
(Spirit Lake Lodge & Restaurant)

TOTAL ACCOMODATION & MEALS	<u>\$4,000.00</u>
----------------------------	-------------------

4) HEAVY EQUIPMENT RENTAL

Excavator (Drott 40)	\$3,500.00
Cat(D-6)	\$1,432.00
Cat(D-8)	\$3,000.00

TOTAL HEAVY EQUIPMENT	<u>\$7,932.00</u>
-----------------------	-------------------

5) TRANSPORTATION

4X4 Truck (July 28 - Aug.-11 + kms	\$1,155.45
Station Wagon (July 11-Sept. 25)	\$2,000.00
4x4 Truck (July 11-Sept. 25)	\$3,000.00

TOTAL TRANSPORTATION	<u>\$6,155.45</u>
----------------------	-------------------

GRAND TOTAL OF ALL COST ITEMS LISTED	<u>\$64,160.75</u>
--------------------------------------	--------------------

BURTON CONSULTING INC.

STATEMENT OF QUALIFICATIONS

I, Boyd Edmund MacKean, of the Municipality of Vancouver in the Province of British Columbia hereby certify:

- 1) That I am a mining and exploration geologist residing at 4337 West 12th Avenue, Vancouver, B.C., V6R 2P9.
- 2) That I graduated with a B.Sc. degree and a M.Sc. degree in geology from M^CGill University, Montreal, Quebec in 1957 and 1960 respectively.
- 3) That I have practised my profession as a mining and exploration geologist from 1962 to the present time in Canada, the United States and East Africa.
- 4) That I am a Fellow of the Geological Association of Canada.
- 5) That I have no interest, either direct or indirect, in the property or shares of Univex Mining Corp. Ltd. or Anoorag Resources Corp. Ltd., nor do I expect to receive any such interest, either direct or indirect.

Dated this 25th day of November, 1988 at Vancouver, B.C.


Boyd Edmund MacKean M.Sc., F.G.A.C.



APPENDIX I

BURTON CONSULTING INC.



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: BURTON CONSULTING INC.

901 - 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Comments: CC: R. STEDMAN

A8820900

CERTIFICATE A8820900

BURTON CONSULTING INC.

PROJECT : MONTANA MTN, YUKON *Heavy Sediment Stream*

P.O.# : NONE *Sample*

Samples submitted to our lab in Vancouver, BC.

This report was printed on 21-SEP-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
202	26	Dry, sieve -80 mesh, save reject

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	26	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2	26	Cu ppm: HNO ₃ -aqua regia digest	AAS	1	10000
3	26	Mo ppm: HNO ₃ -aqua regia digest	AAS	1	10000
4	26	Pb ppm: HNO ₃ -aqua regia digest	AAS-BKGD CORR	1	10000
5	26	Zn ppm: HNO ₃ -aqua regia digest	AAS	5	10000
6	26	Ag ppm: HNO ₃ -aqua regia digest	AAS-BKGD CORR	0.2	200
13	26	As ppm: HNO ₃ -aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	26	Sb ppm: HCl-KClO ₃ digest, extrac	AAS-BKGD CORR	0.2	1000

DUPLICATE



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: BURTON CONSULTING INC.

810 - 626 W. PENDER ST.
VANCOUVER, B.C.
V6B 1V9

Project: MONTANA MTN. YUKON
Comments: CC: R. STELMAN

Page No. : 1
Tot. Pages: 1
Date : 28-AUG-88
Invoice #: I-8820900
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8820900

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm		
01 -140	202 ---	20	46	1	48	110	1.0	200	4.0		
02 -140	202 ---	10	40	1	64	130	1.2	100	2.8		
03 -140	202 ---	85	60	1	98	156	1.8	200	4.0		
04 -140	202 ---	20	44	1	52	120	3.8	200	3.2		
05 -140	202 ---	< 5	52	1	184	116	1.2	800	4.8		
06 -140	202 ---	< 10	28	1	64	104	0.6	78	1.6		
07 -140	202 ---	120	60	14	66	228	0.6	40	7.2		
08 -140	202 ---	< 20	44	4	66	162	2.4	44	8.0		
09 -140	202 ---	120	24	1	38	86	0.4	44	2.0		
10 -140	202 ---	410	44	1	62	164	0.8	82	3.2		
11 -140	202 ---	10	38	4	44	90	1.4	500	4.0		
12 -140	202 ---	390	40	1	42	114	0.6	50	3.2		
13 -140	202 ---	1100	52	1	20	248	0.6	30	1.6		
14 -140	202 ---	< 10	40	1	32	120	0.6	66	4.0		
15 -140	202 ---	50	70	1	64	176	0.6	48	2.8		
16 -140	202 ---	410	56	1	28	122	1.6	66	3.6		
17 -140	202 ---	580	50	1	12	102	1.0	20	1.2		
18 -140	202 ---	485	86	1	12	114	0.4	30	2.4		
19 -140	202 ---	200	68	1	32	116	0.4	14	1.2		
20 -140	202 ---	1420	50	1	88	154	1.0	260	2.0		
21 -140	202 ---	1300	66	2	62	192	1.8	500	4.8		
22 -140	202 ---	>10000	38	6	158	208	8.0	1100	16.8		
23 -140	202 ---	3840	28	8	42	128	0.4	118	2.0		
24 -140	202 ---	5800	38	1	156	258	5.4	220	2.4		
25 -140	202 ---	6000	30	4	78	168	3.0	200	2.0		
26 -140	202 ---	>10000	22	1	96	156	44.0	320	2.8		

CERTIFICATION :

Handwritten signature



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: BURTON CONSULTING INC.

810 - 626 W. PENDER ST.
VANCOUVER, B.C.
V6B 1V9

A8820901

Comments: CC: R. STEDMAN

CERTIFICATE A8820901

BURTON CONSULTING INC.

PROJECT : MONTANA MTN, YUKON

P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 25-AUG-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
217	26	Geochem: Ring only, no crush/split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	26	Au ppb: Fuse 10 g sample	FA-AAS	5	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: BURTON CONSULTING INC.

810 - 626 W. PENDER ST.

VANCOUVER, B.C.

V6B 1V9

Project: MONTANA MTN. YUKON

Comments: CC: R. STELMAN

Page No.: 1

Tot. Pages: 1

Date: 25-AUG-88

Invoice #: I-8820901

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8820901

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA									
-100+140	217	---	< 5									
01 -100+140	217	---	< 10									
02 -100+140	217	---	35									
03 -100+140	217	---	300									
04 -100+140	217	---	10									
05 -100+140	217	---	< 5									
06 -100+140	217	---	< 5									
07 -100+140	217	---	< 5									
08 -100+140	217	---	< 5									
09 -100+140	217	---	< 5									
10 -100+140	217	---	< 5									
11 -100+140	217	---	< 5									
12 -100+140	217	---	< 10									
13 -100+140	217	---	880									
14 -100+140	217	---	< 5									
15 -100+140	217	---	230									
16 -100+140	217	---	< 5									
17 -100+140	217	---	1580									
18 -100+140	217	---	330									
19 -100+140	217	---	< 5									
20 -100+140	217	---	5290									
21 -100+140	217	---	880									
22 -100+140	217	---	1900									
23 -100+140	217	---	6350									
24 -100+140	217	---	2620									
25 -100+140	217	---	>10000									
26 -100+140	217	---	5230									

CERTIFICATION :

Handwritten signature

APPENDIX II

BURTON CONSULTING INC.

COMPANY: BURTON CONSULTING INC.

MIN-EN LABS ICP REPORT

(ACT:FIRE) PAGE 1 OF 1

PROJECT NO: MONTANA MTN. YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1529/P1+2

ATTENTION: A. BURTON

(604) 980-5814 OR (604) 988-4524 x TYPE SOIL GEDCHEM x DATE: SEPTEMBER 21, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
62010N	.7	91	34	13	1	143	10
62020N	.8	59	31	8	5	128	1
62030N	.4	27	23	7	3	115	2
62040N	1.5	56	30	13	11	147	2
62050N	.7	84	26	7	4	133	3
62060N	.8	17	27	13	2	132	2
62070N	.8	72	33	51	1	127	12
62080N	2.0	19	32	41	2	117	3
62090N	1.0	61	71	31	3	203	11
62100N	2.1	33	90	181	10	297	26
62110N	.8	8	39	31	1	155	3
62120N	.8	54	34	48	6	112	56
62130N	1.0	53	38	28	7	131	5
62140N	1.2	13	31	68	1	130	7
62150N	.4	1	27	65	5	94	8
62160N	15.8	1	27	178	2	91	12
62170N	.4	14	25	20	6	75	1
62180N	.4	280	23	149	1	147	100
62190N	.2	1	19	24	2	81	175
62200N	.2	57	21	31	1	82	57
612000N	.2	1	19	33	1	82	5
612010N	.4	24	19	45	5	101	46
612020N	.5	4	24	57	2	93	140
612030N	2.4	37	25	119	3	124	1050
612040N	.7	8	24	112	1	125	420
612050N	1.2	1	23	30	1	83	125
612060N	.3	18	22	25	1	100	115
612070N	.2	33	25	30	1	96	24
612080N	.4	40	24	37	5	89	50
612090N	.7	18	26	31	1	89	40
612100N	.4	1	26	44	1	89	58
612110N	.3	22	24	34	1	87	80
612120N	.4	1	23	21	3	97	52
612130N	.4	18	22	8	3	85	38
612140N	.2	1	26	18	1	83	21
612150N	.6	45	25	17	1	84	19
612160N	.4	20	25	18	1	88	23
612170N	.4	1	24	24	2	92	18
612180N	.3	45	26	22	3	89	61
613030N	.2	31	24	8	5	70	19
613040N	.2	6	22	23	1	74	22
613050N	.4	45	26	30	1	92	343
613060N	.2	2	22	12	7	79	3
613070N	.6	18	23	18	5	64	19
613080N	.5	30	24	10	4	75	38
613090N	.2	49	23	16	3	78	37
613100N	.7	28	25	32	4	75	147
613110N	.8	3	24	20	7	87	15
614010N	.2	7	21	14	4	69	7
614020N	.4	1	24	9	1	80	11
614030N	.5	7	23	12	3	76	19
614040N	.2	1	22	14	2	69	18
614050N	.4	3	20	6	1	67	11
614060N	.3	1	21	11	1	72	113
614070N	.5	1	24	65	2	91	21
614080N	.2	44	21	7	1	72	4
615060N	.4	2	22	21	6	74	39
615070N	.4	33	20	21	3	71	26
615080N	.4	1	21	26	1	80	18
615090N	.2	53	21	39	1	102	29

COMPANY: BURTON CONSULTING INC.

MIN-EN LABS ICP REPORT

(ACT: FIRE) PAGE 1 OF 1

PROJECT NO: MONTANA MTN. YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-15295/P3+4

ATTENTION: A. BURTON

(604) 980-5814 OR (604) 988-4524 * TYPE SOIL GEDCHEM * DATE: SEPTEMBER 21, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
615100N	.9	57	32	59	1	147	18
615106N	.8	48	14	39	4	80	37
615110N	.4	66	23	34	6	106	62
615120N	.3	56	27	69	1	110	23
615130N	.4	1	29	59	1	102	56
615140N	.3	51	33	101	6	111	39
615150N	.8	2	28	74	2	91	64
615160N	.3	44	24	34	2	103	18
615170N	.4	8	27	58	1	98	21
615180N	.3	47	28	63	4	96	32
615190N	.2	10	24	32	2	86	10
615200N	.4	90	15	10	11	44	84
615210N	.2	53	24	30	1	109	17
615000N	.2	1	21	10	4	74	19
615010N	.2	8	20	7	1	78	6
615020N	.4	49	19	12	2	81	2
615030N	.3	39	20	16	2	82	3
615040N	.4	14	26	28	1	85	14
615050N	.4	42	23	23	2	83	7 ✓
619000N	.2	36	21	14	1	80	2
619010S	.4	46	21	13	6	77	3
619020S	.5	52	23	26	1	85	3
619030S	.2	3	20	13	3	73	2
619040S	.2	39	23	30	1	81	4
619050S	.3	1	22	26	4	80	6
619060S	.2	7	20	32	4	79	3
619070S	.4	5	23	25	4	86	4
619080S	.4	1	23	26	1	81	5
619090S	.3	37	23	35	3	85	22
619100S	.4	1	25	28	1	83	41
619110S	.2	23	23	24	4	81	442
619120S	.5	23	23	30	1	77	4
619130S	.2	30	25	20	1	83	2
619140S	.4	33	28	31	2	89	71
619150S	.5	25	23	21	4	88	1
619160S	.3	33	24	13	1	87	3
619170S	.3	20	26	27	1	99	1
619180S	.5	20	25	20	1	93	2
619190S	.4	29	25	19	1	93	50 ✓
620000N	.4	140	21	162	1	337	165
620010N	.3	6	22	49	1	117	29
620020N	.7	8	22	30	1	113	16
620030N	.4	2	23	87	1	115	38
620040N	.2	1	20	22	1	80	2
620050N	.3	31	22	31	1	79	1 ✓
618000N	.4	58	22	103	3	139	77
618010N	.2	32	22	57	1	107	2
618020N	.4	24	22	40	3	91	3
618030N	.4	1	23	31	1	93	3
618040N	.3	29	21	33	4	89	1
618050N	.2	39	22	24	3	84	1
618060N	.4	39	25	40	4	87	3
618070N	.3	42	23	34	1	86	22
618080N	.2	16	21	23	1	74	127
618090N	.2	1	20	16	1	81	3
618100N	.2	26	22	34	5	88	2 ✓
66000N	.4	66	24	7	1	109	1
66010N	.5	65	27	10	4	108	1
66020N	.2	1	28	20	1	106	3
66030N	1.5	30	30	52	6	118	2 ✓

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
66040N	.4	59	24	75	5	137	17
66050N	.3	37	25	17	1	109	3
66060N	.5	58	21	48	3	89	298
66070N	.2	35	22	61	5	98	80
66080N	.2	69	21	121	2	116	351
66090N	.4	65	19	42	1	84	88
66100N	.5	57	20	36	4	89	120
66110N	.4	1	19	19	3	74	31
66120N	1.6	349	21	55	4	100	397
66130N	1.0	419	19	43	2	99	202
66140N	.8	37	23	82	5	116	239
66150N	.4	22	21	56	3	95	78
66160N	.2	62	22	132	1	93	140
66170N	2.0	467	26	629	5	117	322
66180N	2.0	662	28	285	4	119	266
66190N	.4	6	22	117	3	94	38
66200N	.5	27	27	52	8	104	56
66210N	.5	1	24	49	1	113	21
66220N	2.4	1	23	58	2	71	39
66230N	1.2	18	35	53	1	78	62
66240N	.4	2	36	81	4	67	7
66250N	.2	67	26	35	1	60	789
66260N	.2	19	22	23	1	80	17
66270N	.2	26	20	22	1	69	11
66280N	.3	9	19	24	2	71	2
66290N	.2	7	22	18	2	91	3
611010N	1.0	28	27	99	4	102	101
611020N	.8	16	24	53	6	100	49
611030N	.7	37	22	63	3	79	605
611040N	.3	10	20	50	1	81	261
611050N	1.0	2	22	45	1	99	161
611060N	.4	44	27	61	1	97	90
611070N	.4	39	24	43	1	97	163
611080N	.2	6	25	41	1	90	59
611090N	.4	1	22	29	2	89	57
611100N	.4	29	23	30	2	81	61
611110N	.2	1	22	26	1	74	3
611120N	.2	21	22	32	1	74	2
611130N	.2	21	23	24	3	81	2
611140N	.2	18	19	7	4	66	3
611150N	.2	2	22	7	1	86	39
611160N	.2	22	22	40	1	79	2
611170N	1.0	1	31	269	2	576	59
611180N	.8	24	24	253	1	300	60
611190N	.8	27	20	29	1	85	3
611200N	.5	33	23	57	2	79	4
612190N	.4	1	20	19	1	77	6
612200N	1.6	13	24	40	4	85	22
612210N	.4	32	23	44	1	75	19
612220N	.8	1	19	24	1	62	3
612230N	.4	2	18	18	1	62	2
612240N	.3	33	19	20	1	77	2
612250N	.4	9	19	32	1	68	4
612260N	1.0	19	19	21	3	50	3
612270N	.8	23	17	23	1	72	2
612280N	.2	18	18	17	1	70	1
612290N	.4	8	18	9	4	49	3
612300N	.2	18	19	18	1	61	2
612320N	.4	7	17	21	1	68	1
612340N	.4	6	17	17	1	67	3

PROJECT NO: MONTANA MTN. YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1529S/P7+8

ATTENTION: A. BURTON

(604) 980-5814 OR (604) 988-4524 * TYPE SOIL GEOCHEM *

DATE: SEPTEMBER 21, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
612350N	.4	34	19	7	1	74	18
612360N	.4	14	23	17	1	78	4
618110N	.4	31	20	21	4	74	3
618120N	.2	20	21	7	1	84	1
618130N	.4	31	21	29	1	77	9
618140N	.6	31	23	34	1	73	5
618150N	.5	22	21	7	1	74	2
618160N	.5	34	22	32	1	80	3
618170N	.4	9	22	38	1	81	3
618180N	.3	13	21	29	4	83	4
618190N	.4	16	22	21	1	67	2
618200N	.4	18	21	18	3	69	1
618210N	.2	10	21	20	4	70	7
618220N	.6	14	21	21	1	77	3
618230N	.2	24	21	29	4	69	4
618240N	.6	24	22	25	1	74	2
621010S	.4	24	21	24	1	78	11
621020S	.4	20	20	24	1	80	53
621030S	.5	1	22	28	6	86	21
621040S	.6	30	20	32	4	74	20
621050S	.4	40	22	32	1	92	6
621060S	.8	24	23	37	1	110	644
621070S	.4	29	23	72	2	128	52
621080S	.6	27	23	120	3	153	45
621090S	.4	1	23	83	1	128	38
621100S	2.8	827	35	1072	3	474	1400
621110S	.4	60	22	103	1	215	72
621120S	2.0	255	25	672	1	417	801
621130S	2.8	254	23	761	1	238	561
621140S	2.0	86	25	892	1	251	477
621150S	.2	6	21	70	2	143	8
621160S	.2	40	22	205	3	140	19
622000S	1.7	50	24	53	8	104	12
622010S	1.2	41	22	12	3	78	20
622020S	2.4	451	23	53	2	338	42
622030S	3.6	19	34	8	1	280	42
622040S	2.8	14	26	47	5	270	29
622050S	1.2	43	23	9	2	87	30
622060S	1.0	62	18	8	8	113	9
622070S	1.6	76	20	9	3	93	4
622080S	1.2	30	20	6	4	164	35
622090S	2.0	55	23	282	1	204	24
622100S	3.2	1	20	7	1	67	19
622110S	4.8	39	22	58	7	184	16
622120S	1.2	23	18	9	2	69	4
622130S	2.0	1	21	6	1	66	20
622140S	.4	1	23	8	2	62	14
622150S	.8	41	25	7	5	63	3
622160S	2.1	88	26	14	7	123	79
622170S	1.2	16	36	10	1	83	3
622180S	1.1	36	58	8	1	78	17
622190S	.8	32	42	8	1	75	2
623000S	.4	19	25	7	6	79	21
623025S	.6	12	28	8	8	76	11
623050S	.4	1	29	26	2	91	4
623075S	.4	17	30	20	5	102	19
623100S	.4	50	30	18	1	113	12
623125S	.2	1	26	19	2	78	6
623150S	.7	55	30	22	4	100	17
623250S	.5	31	46	64	5	151	4

COMPANY: BURTON CONSULTING INC.

MIN-EN LABS ICP REPORT

(ACT:FIRE) PAGE 1 OF 1

PROJECT NO: MONTANA MTN.YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-15295/P9

ATTENTION: A.BURTON

(604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE:SEPTEMBER 21, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
623314S	.5	3	30	76	1	126	17
623325S	.2	20	32	75	1	119	54 ✓
623350S	.3	50	27	72	6	118	42
623375S	.2	87	36	98	1	161	77
623400S	.2	27	37	92	8	138	59
623425S	.2	50	23	51	6	95	62
623450S	.5	15	38	102	1	135	92
623475S	.7	33	27	94	1	112	845
623500S	.6	64	32	121	1	127	406
623525S	.5	35	23	40	1	93	42
623550S	.4	1	25	46	6	79	63
623575S	.6	33	36	134	7	143	133
623600S	.4	71	26	34	5	106	50
623625S	.2	17	29	30	1	126	39
623650S	.2	1	23	28	6	80	36
623675S	.2	53	24	19	5	88	3
623700S	.2	4	21	28	1	77	19
623725S	.3	9	23	28	5	91	2
624750S	.2	30	26	12	1	98	3 ✓

posted
A-



**MIN-EN
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

Analytical Report

Company: BURTON CONSULTING
Project: MONTANA MTN. YUKON
Attention: A. BURTON/R. STEDMANN

File: 8-1328
Date: SEPT 8/88
Type: SOIL GEOCHEM

Date Samples Received : AUGUST 27/88

Samples Submitted by : B.E. MACKEAN

Report on 258 SOILS Geochem Sample

..... Assay Sample

Copies sent to:

1. BURTON CONSULTING, VANCOUVER, B.C.
2. UNIVEX MINING, VANCOUVER, B.C.
- 3.

Samples: Sieved to mesh -10 Ground to mesh -150

Prepared samples stored: X discarded:

rejects stored: X discarded:

Methods of analysis:

6 ELEMENT TRACE ICP.
AU - FIRE GEOCHEM.

Remarks

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
616013N	.7	26	19	24	1	66	2
616020N	.8	31	19	20	3	65	1
616030N	.5	10	20	18	1	67	2
616040N	.7	84	19	21	4	64	4
616050N	.6	16	20	22	2	64	3
616060N	.3	47	19	23	2	70	6
616070N	.9	24	21	48	3	76	3
616080N	.4	23	18	25	1	69	2
616090N	.2	27	20	32	1	78	7
616100N	.5	26	20	24	3	92	1
616110N	.4	43	18	23	4	74	3
616120N	.6	28	20	50	1	81	3
616130N	.9	38	23	65	6	72	2
616140N	.4	25	19	14	1	74	2
616150N	.6	31	19	6	1	81	1
616160N	.7	63	23	26	1	86	4
616170N	.6	85	20	52	1	92	5
616180N	1.1	59	19	169	1	189	62
616190N	.7	5	19	49	2	126	6
616200N	.7	80	22	42	1	122	34
616210N	.5	68	19	37	4	92	54
616220N	.8	18	19	26	2	88	7
616230N	.4	59	21	47	2	111	12
616239N	.9	76	22	35	3	95	132
617010S	.7	19	20	39	2	87	19
617020S	1.0	51	19	40	4	99	164
617030S	1.2	31	24	44	1	114	17
617040S	1.1	91	19	69	2	144	8
617050S	1.3	20	19	115	3	150	20
617060S	1.6	30	18	186	1	270	12
617070S	1.3	23	20	33	1	77	8
617080S	1.0	45	20	24	1	72	2
617090S	.6	31	19	28	2	71	10
617100S	.5	68	19	29	3	67	2
617110S	.4	47	20	39	1	73	2
617120S	.4	53	25	85	2	91	20
617130S	.7	51	19	29	4	76	6
617140S	.7	51	23	89	1	71	7
617150S	.8	122	20	123	1	155	525
BL000E	.6	78	30	8	2	74	7
BL025E	.5	47	29	8	6	65	5
BL050E	.8	58	32	14	3	84	2
BL075E	.6	18	34	11	1	82	3
BL100E	.4	49	31	7	3	78	7
BL125E	.4	81	30	9	5	83	6
BL150E	.8	75	30	11	6	77	10
BL175E	.4	15	27	8	1	74	7
BL200E	.6	50	32	8	1	81	18
BL225E	.7	71	32	10	4	79	2
BL250E	.4	58	33	15	2	82	2
BL275E	.5	72	31	10	4	81	5
BL300E	.4	11	30	13	6	81	3
BL325E	.4	6	28	12	1	77	4
BL350E	.4	100	29	32	7	94	3
BL375E	.6	66	20	10	5	84	20
BL400E	.5	1	35	33	2	99	10
BL425E	.5	99	33	31	7	101	2
BL450E	1.0	51	34	28	7	95	10
BL475E	.8	88	29	23	2	91	8
BL500E	1.2	71	33	8	3	86	9

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
X0325W	1.0	84	28	5	1	87	4
X0350W	.5	98	28	11	1	86	3
X0375W	.9	93	29	12	7	89	10
X0400W	.7	69	29	9	1	85	5
X0425W	.4	86	27	6	1	82	8
X0450W	.8	89	30	5	1	90	17
X0475W	.7	11	28	5	2	85	2
X0500W	.9	97	28	6	1	86	3
X0525W	.6	92	24	7	1	83	2
X0550W	.3	91	24	10	6	95	2
X0575W	.7	3	26	6	1	91	1
X0600W	.4	29	32	15	1	103	2
X0625W	.5	35	38	43	2	133	3
X0650W	.6	98	25	8	1	87	2
X0675W	.6	19	28	13	8	88	1
X0700W	.7	26	26	10	1	84	2
X0725W	.6	31	27	12	6	86	17
X0750W	.4	36	22	10	2	75	2
X0775W	.6	51	23	8	1	81	2
X0800W	.5	25	26	9	1	89	3
X0825W	.5	7	29	12	1	96	2
X0850W	.6	80	25	5	1	80	2
X0875W	.7	78	23	8	1	70	16
X0900W	.6	91	24	9	1	74	7
X0925W	.8	60	27	11	7	81	2
X0950W	1.1	102	13	5	5	23	4
X0975W	.9	1	31	13	1	111	6
X1000W	2.2	80	57	20	5	131	7
X1025W	2.4	104	60	33	8	141	4
X1100W	1.7	539	68	49	7	153	3
X1125W	.9	118	39	13	7	111	2
X1225W	1.6	308	28	19	4	66	4
X1250W	1.0	60	39	13	9	90	2
Z000E	N/S						
Z025S	.8	66	39	8	5	91	3
Z050S	.7	24	36	9	1	90	2
Z075S	.8	32	40	12	4	96	3
Z100S	.6	72	26	7	11	56	2
Z125S	.9	48	43	12	5	110	1
Z150S	.6	218	15	7	25	41	1
Z175S	.7	38	38	8	5	92	4
Z200S	.9	20	39	14	1	92	1
Z225S	.8	42	44	14	6	109	2
Z250S	.9	18	42	11	1	96	3
Z275S	.6	47	43	7	8	121	2
Z300S	.8	85	35	10	6	103	2
Z325S	1.0	61	24	9	6	88	4
Z350S	.7	56	22	9	1	92	2
Z375S	.8	25	20	8	9	89	2
Z400S	.6	183	17	10	22	45	5
Z425S	.9	25	24	13	9	100	2
Z450S	.8	33	25	9	2	102	2
Z475S	.7	1	24	10	1	106	3
Z500S	.9	95	25	9	7	93	4
BL025W	.8	69	36	7	9	90	5
BL050W	.9	58	41	11	1	96	3
BL125W	.7	70	35	9	3	98	2
BL300W	.8	30	44	11	1	115	1
BL325W	1.2	96	39	12	3	125	2
BL350W	.8	68	27	10	1	93	4

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
BL375W	.7	13	24	6	5	91	4
BL400W	.8	115	34	8	1	114	7
BL425W	.6	86	28	5	4	110	2
BL450W	.7	350	27	5	1	132	18
BL475W	1.6	757	21	4	4	194	3
BL500W	.2	78	26	2	8	95	1
64000S	.2	7	24	10	1	83	6
64010S	.8	13	24	17	2	88	1
64020S	.5	26	27	10	4	97	2
64030S	.6	63	32	41	2	124	57
64040S	.4	70	31	21	8	143	2
64050S	.4	21	32	37	3	140	1
64060S	.8	94	38	54	7	157	1
64070S	.6	4	51	78	1	237	1
64080S	.6	77	52	119	1	236	23
64090S	.5	51	51	138	3	204	16
65010N	.2	63	29	20	5	151	1
65020N	.3	101	40	59	4	172	2
65030N	.6	91	44	134	1	246	4
65040N	1.2	90	39	47	9	160	2
65050N	.6	96	39	38	2	225	3
65060N	.5	11	40	35	2	159	22
65070N	.7	102	42	57	1	194	99
65080N	.5	17	36	10	9	147	18
67010N	.4	46	28	17	1	121	5
67020N	.5	65	29	42	3	151	8
67030N	.2	37	29	5	1	113	3
67040N	.4	45	33	28	6	116	56
67050N	.2	48	27	8	1	98	2
67060N	.4	68	28	32	2	115	3
67070N	.7	21	27	34	4	97	401
67080N	.5	42	27	56	5	88	23
67090N	.9	23	24	58	2	102	79
67100N	.8	12	28	79	2	117	553
67110N	.7	44	28	87	3	123	138
67120N	.4	1	27	34	5	97	37
67130N	.3	55	25	27	2	102	42
67140N	.3	34	25	37	1	98	25
67150N	1.9	18	24	35	1	91	65
67160N	.6	10	24	33	1	88	13
67170N	.4	52	24	26	5	99	4
67180N	.5	10	24	30	1	100	2
67190N	.3	15	24	28	4	73	3
67200N	.4	38	25	26	3	91	4
67210N	.6	15	25	27	1	96	3
68000S	1.5	862	24	141	1	223	293
68010S	.5	65	20	39	3	482	16
68020S	.7	40	22	40	1	232	17
68030S	.7	7	21	51	2	180	5
68040S	1.1	8	24	62	4	109	1520
68050S	.6	82	23	68	1	153	39
68060S	.7	7	20	47	2	127	22
68070S	.4	63	22	39	2	81	10
68080S	1.2	173	23	179	2	133	58
BL0525W	.7	21	25	8	1	93	2
BL0550W	1.0	84	28	8	1	93	3
BL0575W	.9	27	28	13	3	90	1
BL0600W	.5	78	24	13	4	88	1
BL0625W	.6	67	23	11	1	80	4
BL0650W	.8	129	21	17	1	87	6

PROJECT NO: MONTANA MTN.YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1325/P7+8

ATTENTION: A.BURTON

(604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE:SEPTEMBER 11, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
BL0675W	.7	46	19	12	1	103	2
BL0700W	.3	49	21	16	4	101	5
BL0725W	.9	327	23	30	1	113	11
BL0750W	.4	80	20	17	3	113	2
BL0775W	.7	70	22	20	3	103	2
BL0800W	.8	15	21	14	2	107	1
BL0825W	.9	91	23	5	3	115	3
BL0850W	.6	83	21	20	3	114	12
BL0875W	.4	43	26	5	13	116	2
BL0900W	.7	304	26	21	6	111	4
BL0925W	.4	394	20	16	3	117	3
BL0950W	.6	284	23	6	4	115	10
BL0975W	.8	853	26	81	1	233	93
BL1000W	.7	601	22	29	4	114	23
BL1025W	1.0	548	22	30	2	120	19
BL1050W	.4	533	20	32	4	112	1
BL1075W	.6	1015	20	33	1	123	20
BL1100W	.5	32	21	13	1	119	2
BL1125W	.8	74	30	42	1	139	3
BL1150W	.4	41	23	25	4	122	2
BL1200W	.7	89	20	28	1	137	1
BL1225W	.9	35	20	22	6	111	2
BL1250W	.4	88	31	45	1	130	2
BL1275W	.3	14	22	27	1	116	1
BL1300W	.4	77	22	28	2	106	1
BL1325W	.7	48	21	23	1	111	2
BL1350W	.8	16	22	28	5	92	1
BL1375W	.6	230	27	39	5	100	17
BL1400W	.7	26	23	28	1	104	5
BL1425W	.4	288	22	33	1	103	3
BL1450W	.6	39	15	10	4	90	2
BL1500W	1.0	40	15	8	1	87	1
BL1525W	1.2	54	19	7	1	86	4
BL1600W	1.3	73	18	7	1	81	1
BL1625W	.9	104	30	7	1	96	1
BL1700W	1.5	108	37	10	9	104	3
BL1725W	1.1	1	38	9	2	91	4
BL1900W	2.0	4	58	92	2	230	2
BL1925W	2.7	21	84	165	1	273	15
BL1950W	1.4	110	64	67	1	252	2
BL1975W	1.8	67	73	108	1	272	13
BL2000W	1.6	78	94	181	4	324	5
G10020N	1.4	13	17	74	1	217	81
G10040N	1.4	486	23	185	1	161	504
G10050N	2.1	631	21	244	2	132	637
G10060N	1.3	147	23	104	4	107	73
Y100N	.5	53	21	10	1	60	6
Y125N	.8	32	22	9	2	69	9
Y150N	.7	30	22	10	1	62	1
Y175N	1.0	32	22	9	7	77	2
Y200N	.6	73	21	8	1	66	2
Y225N	.8	63	23	33	4	68	5
Y250N	.9	69	23	22	3	75	1
Y275N	1.6	61	24	25	4	72	6
Y300N	1.2	63	24	18	2	70	3
Y325N	.9	53	22	10	3	60	2
Y350N	1.4	61	25	17	1	69	10
Y375N	.7	38	26	10	1	67	4
Y400N	.7	51	25	14	4	62	2
Y425N	.6	90	29	6	1	85	2

COMPANY: BURTON CONSULTING INC.

MIN-EN LABS ICP REPORT

(ACT: FIRE) PAGE 1 OF 1

PROJECT NO: MONTANA MTN. YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1328/P9

ATTENTION: A. BURTON

(604) 980-5814 OR (604) 988-4524 * TYPE SOIL GEOCHEM * DATE: SEPTEMBER 11, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
Y450N	1.2	54	26	6	3	74	4
Y475N	.9	2	27	14	4	72	2
Y500N	.7	23	26	12	2	68	23
Y525N	1.0	5	27	10	2	69	2
Y550N	.8	84	25	8	1	74	1
Y575N	.8	78	24	9	4	66	2
Y600N	.6	80	27	6	1	69	2
Y625N	1.1	72	33	7	9	102	1
Y650N	.6	34	24	12	3	71	1
Y675N	.9	5	25	12	1	79	3
Y700N	.7	29	25	11	1	70	1
Y725N	.8	32	22	11	2	74	2
Y750N	.8	32	23	5	1	78	2
Y775N	.7	24	30	10	10	80	1
Y800N	1.1	28	32	16	8	88	4
Y825N	.9	77	33	14	2	96	2
Y850N	.6	60	32	13	1	85	9
Y875N	1.0	60	37	22	9	99	3
Y900N	.7	59	35	13	1	96	2

 $n = 258$ Σ $\bar{x} = .76$ $x \cdot \text{avg} = 128.5$

Std. Dev. 0.378

 $x \cdot \text{avg} = 74.62$

Variance 0.142

COMPANY: BURTON CONSULTING
PROJECT NO: MONTANA MTN. YUKON
ATTENTION: A. BURTON

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
16041980-5514 OR 16041988-4524

John Leighton

ACT: FIRE PAGE 1 OF 1
FILE NO: 8-13288/P1+2
TYPE SOIL GEOCHEM DATE: SEPT 11, 1988

(VALUES IN PPM)	As	As	Co	Cr	Cu	Mn-PPB
616013N	.7	8	19	24	1	55
616020N	.8	10	19	20	3	55
616030N	.5	1	20	18	1	57
616040N	.7	37	19	21	4	54
616050N	.6	3	20	22	2	54
616060N	.3	19	19	23	2	70
616070N	.9	7	21	48	3	76
616080N	.4	5	18	25	1	59
616090N	.2	8	20	32	1	78
616100N	.5	8	20	24	3	92
616110N	.4	17	18	23	4	74
616120N	.6	9	20	50	1	81
616130N	.9	14	23	65	6	72
616140N	.4	8	19	14	1	74
616150N	.6	11	19	6	1	81
616160N	.7	26	23	26	1	86
616170N	.6	37	20	52	1	92
616180N	1.1	24	19	169	1	189
616190N	.7	1	19	49	2	126
616200N	.7	35	22	42	1	122
616210N	.5	29	19	37	4	92
616220N	.8	4	19	26	2	88
616230N	.4	24	21	47	2	111
616239N	.9	33	22	35	3	95
617010S	.7	5	20	39	2	87
617020S	1.0	20	19	40	4	99
617030S	1.2	11	24	44	1	114
617040S	1.1	41	19	69	2	144
617050S	1.3	5	19	115	3	150
617060S	1.6	10	18	186	1	270
617070S	1.3	8	20	33	1	77
617080S	1.0	20	20	24	1	72
617090S	.6	12	19	28	2	71
617100S	.5	33	19	29	3	67
617110S	.4	21	20	33	1	73
617120S	.4	25	25	35	2	91
617130S	.7	23	19	29	4	76
617140S	.7	24	23	89	1	71
617150S	.8	63	20	123	1	155
BL000E	.6	39	30	8	2	74
BL025E	.5	21	29	8	5	65
BL050E	.8	27	32	14	3	84
BL075E	.6	5	34	11	1	82
BL100E	.4	22	31	7	3	78
BL125E	.4	40	30	9	5	83
BL150E	.8	37	30	11	6	77
BL175E	.4	4	27	8	1	74
BL200E	.6	23	32	8	1	81
BL225E	.7	34	32	10	4	79
BL250E	.4	27	33	15	2	82
BL275E	.5	35	31	10	4	81
BL300E	.4	1	30	13	6	81
BL325E	.4	1	28	12	1	77
BL350E	.4	50	29	32	7	94
BL375E	.6	32	20	10	5	84
BL400E	.5	1	35	33	2	99
BL425E	.5	50	33	31	7	101
BL450E	1.0	23	34	28	7	95
BL475E	.8	44	29	23	2	91
BL500E	1.2	35	33	8	3	86

Plotted - why As = 1?
Zn.
As.
Pb.

replaced

COMPANY: BURTON CONSULTING
 PROJECT NO: MONTANA MTN. YUKON
 ATTENTION: A. BURTON

WIN-EN LABS LOP REPORT
 115 WEST 15TH ST., NORTH VANCOUVER, B.C. V6N 1T2
 (604) 980-5814 OR (604) 989-4524

FACT: FIVE) PAGE 1 OF 1
 FILE NO: 8-13288/P3+4
 DATE: SEPT 11, 1988

VALUES IN PPM)	AS	CS	CU	FE	SS	ZN	SO-PPB
X0325W	1.0	42	28	5	1	87	4
X0350W	.5	49	28	11	1	86	3
X0375W	.9	47	29	12	7	89	10
X0400W	.7	33	29	9	1	85	5
X0425W	.4	43	27	6	1	82	8
X0450W	.8	44	30	5	1	90	17
X0475W	.7	1	28	5	2	85	2
X0500W	.9	49	28	6	1	86	3
X0525W	.6	46	24	7	1	83	2
X0550W	.3	45	24	10	6	95	2
X0575W	.7	1	26	6	1	91	1
X0600W	.4	11	32	15	1	103	2
X0625W	.5	15	38	43	2	133	3
X0650W	.6	49	25	8	1	87	2
X0675W	.6	5	28	13	8	88	1
X0700W	.7	9	26	10	1	84	2
X0725W	.6	12	27	12	6	86	17
X0750W	.4	15	22	10	2	75	2
X0775W	.6	23	23	8	1	81	2
X0800W	.5	9	26	9	1	89	3
X0825W	.5	1	29	12	1	96	2
X0850W	.6	39	25	5	1	80	2
X0875W	.7	38	23	8	1	70	16
X0900W	.6	46	24	9	1	74	7
X0925W	.8	28	27	11	7	81	2
X0950W	1.1	52	13	5	5	23	4
X0975W	.9	1	31	13	1	111	6
X1000W	2.2	39	57	20	5	131	7
X1025W	2.4	53	60	33	8	141	4 ✓
X1100W	1.7	295	68	49	7	153	3
X1125W	.9	71	39	13	7	111	2
X1225W	1.6	197	28	19	4	66	4
X1250W	1.0	32	39	13	9	90	2 ✓
Z000E	N/S						
Z025S	.8	36	39	8	5	91	3
Z050S	.7	8	36	9	1	90	2
Z075S	.8	14	40	12	4	96	3
Z100S	.6	40	26	7	11	56	2
Z125S	.9	24	43	12	5	110	1
Z150S	.6	137	15	7	25	41	1
Z175S	.7	18	38	8	5	92	4
Z200S	.9	6	39	14	1	92	1
Z225S	.8	20	44	14	6	109	2
Z250S	.9	4	42	11	1	96	3
Z275S	.6	24	43	7	8	121	2
Z300S	.8	49	35	10	6	103	2
Z325S	1.0	32	24	9	6	88	4
Z350S	.7	29	22	9	1	92	2
Z375S	.8	9	20	8	9	89	2
Z400S	.6	114	17	10	22	45	5
Z425S	.9	9	24	13	9	100	2
Z450S	.8	14	25	9	2	102	2
Z475S	.7	1	24	10	1	106	3
Z500S	.9	55	25	9	7	93	4 ✓
BL025W	.8	38	36	7	9	90	5
BL050W	.9	31	41	11	1	96	3
BL125W	.7	39	35	9	3	98	2
BL300W	.8	12	44	11	1	115	1
BL325W	1.2	56	39	12	3	125	2
BL350W	.8	38	27	10	1	93	4

(Z)

COMPANY: BURTON CONSULTING
PROJECT NO: MONTANA MTN. YUKON
ATTENTION: A. BURTON

MIN-EN LABS ICP REPORT
105 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
604) 980-5914 OR 604) 988-4524

(ACT: FIRE) PAGE 1 OF 1
FILE NO: 8-13288/P5+6
1 TYPE SOIL GEOCHEM * DATE: SEPT 11, 1999

VALUES IN PPM	AS	PS	CU	FE	SB	IN	CO-PPB
BL375W	.7	1	24	4	5	91	1
BL400W	.8	62	34	8	1	114	7
BL425W	.8	43	28	5	4	110	2
BL450W	.7	218	27	5	1	132	18
BL475W	1.6	490	21	4	4	194	3
BL500W	.2	37	26	2	8	95	1
64000S	.2	1	24	10	1	83	6
64010S	.8	1	24	17	2	88	1
64020S	.5	3	27	10	4	97	2
64030S	.6	27	32	41	2	124	57
64040S	.4	32	31	21	8	143	2
64050S	.4	1	32	37	3	140	1
64060S	.8	48	38	54	7	157	1
64070S	.6	1	51	78	1	237	1
64080S	.6	36	52	119	1	236	23
64090S	.5	19	51	138	3	204	16
65010N	.2	27	29	20	5	151	1
65020N	.3	52	40	59	4	172	2
65030N	.6	46	44	134	1	246	4
65040N	1.2	45	39	47	9	160	2
65050N	.6	49	39	38	2	225	3
65060N	.5	1	40	35	2	159	22
65070N	.7	53	42	57	1	194	99
65080N	.5	1	36	10	9	147	18
67010N	.4	16	28	17	1	121	5
67020N	.5	28	29	42	3	151	8
67030N	.2	10	29	5	1	113	3
67040N	.4	15	33	28	6	116	56
67050N	.2	17	27	8	1	98	2
67060N	.4	30	28	32	2	115	3
67070N	.7	9	27	34	4	97	401
67080N	.5	23	27	56	5	88	23
67090N	.9	11	24	58	2	102	79
67100N	.8	3	28	79	2	117	553
67110N	.7	25	28	37	3	123	138
67120N	.4	1	27	34	5	97	37
67130N	.3	32	25	27	2	102	42
67140N	.3	18	25	37	1	98	25
67150N	1.9	7	24	35	1	91	65
67160N	.6	2	24	33	1	88	13
67170N	.4	30	24	26	5	99	4
67180N	.5	2	24	30	1	100	2
67190N	.3	5	24	28	4	73	3
67200N	.4	20	25	26	3	91	4
67210N	.6	5	25	27	1	96	3
68000S	1.5	570	24	141	1	223	293
68010S	.5	38	20	39	3	482	16
68020S	.7	22	22	40	1	232	17
68030S	.7	1	21	51	2	180	5
68040S	1.1	1	24	62	4	109	1520
68050S	.6	49	23	68	1	153	39
68060S	.7	1	20	47	2	127	22
68070S	.4	37	22	39	2	81	10
68080S	1.2	111	23	179	2	133	58
BL0525W	.7	9	25	8	1	93	2
BL0550W	1.0	51	29	8	1	93	3
BL0575W	.9	13	28	13	3	90	1
BL0600W	.5	47	24	13	4	88	1
BL0625W	.6	40	23	11	1	80	4
BL0650W	.8	81	21	17	1	87	6

COMPANY: BURTON CONSULTING
 PROJECT NO: MONTANA MTN. YUKON
 ATTENTION: A. BURTON

MIN-EN LABS OF REPORT
 115 WEST 15TH ST., NORTH VANCOUVER, B.C. V6N 1V2
 (604) 990-5914 OR (604) 998-4524

ACT: FIRE) PAGE 1 OF 1
 FILE NO: 8-13288/P7+B
 TYPE SOIL SEDIMENT DATE: SEPT 11, 1988

VALUES (N ppm)	65	45	22	98	33	21	50-PPB
BL0675W	.7	22	17	12	1	103	2
BL0700W	.3	27	21	16	4	101	5
BL0725W	.9	226	23	30	1	113	11
BL0750W	.4	49	20	17	3	113	2
BL0775W	.7	42	22	20	3	103	2
BL0800W	.8	3	21	14	2	107	1
BL0825W	.9	57	23	5	3	115	3
BL0850W	.6	51	21	20	3	114	12
BL0875W	.4	23	26	5	13	116	2
BL0900W	.7	209	26	21	6	111	4
BL0925W	.4	273	20	16	3	117	3
BL0950W	.6	195	23	6	4	115	10
BL0975W	.8	601	26	81	1	233	93
BL1000W	.7	422	22	29	4	114	23
BL1025W	1.0	383	22	30	2	120	19
BL1050W	.4	373	20	32	4	112	1
BL1075W	.6	717	20	33	1	123	20
BL1100W	.5	15	21	13	1	119	2
BL1125W	.8	45	20	42	1	139	3
BL1150W	.4	22	23	25	4	122	2
BL1200W	.7	56	20	28	1	137	1
BL1225W	.9	17	20	22	6	111	2
BL1250W	.4	55	31	45	1	130	2
BL1275W	.3	2	22	27	1	116	1
BL1300W	.4	47	22	28	2	106	1
BL1325W	.7	27	21	23	1	111	2
BL1350W	.8	3	22	28	5	92	1
BL1375W	.6	156	27	39	5	100	17
BL1400W	.7	10	23	28	1	104	5
BL1425W	.4	198	22	33	1	103	3
BL1450W	.6	17	15	10	4	90	2
BL1500W	1.0	17	15	8	1	87	1
BL1525W	1.2	25	19	7	1	86	4
BL1600W	1.3	26	18	7	1	81	1
BL1625W	.9	33	20	7	1	95	1
BL1700W	1.5	55	37	10	9	104	3
BL1725W	1.1	1	38	9	2	91	4
BL1900W	2.0	1	58	92	2	230	2
BL1925W	2.7	6	64	165	1	273	15
BL1950W	1.4	56	64	67	1	252	2
BL1975W	1.8	32	73	108	1	272	13
BL2000W	1.6	39	94	181	4	324	5
G10020N	1.4	2	17	74	1	217	81
G10040N	1.4	265	23	165	1	161	504
G10050N	2.1	745	21	244	2	132	637
G10060N	1.3	76	23	104	4	107	73
Y100N	.5	25	21	10	1	60	6
Y125N	.8	13	22	9	2	69	9
Y150N	.7	12	22	10	1	62	1
Y175N	1.0	13	22	9	7	77	2
Y200N	.6	36	21	8	1	66	2
Y225N	.8	30	23	33	4	68	5
Y250N	.9	33	23	22	3	75	1
Y275N	1.6	29	24	25	4	72	6
Y300N	1.2	30	24	18	2	70	3
Y325N	.9	25	22	10	3	50	2
Y350N	1.4	29	25	17	1	69	10
Y375N	.7	16	26	10	1	67	4
Y400N	.7	23	25	14	4	62	2
Y425N	.6	45	29	6	1	85	2

COMPANY: BURTON CONSULTING
 PROJECT NO: MONTANA MTN. YUKON
 ATTENTION: A. BURTON

MIN-EN CLASS ICP REPORT
 115 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604) 980-5814 OR (604) 988-4521

FACT: FIRE) PAGE 1 OF 1
 FILE NO: 3-10288/P9
 TYPE: SOIL GEOCHEM * DATE: SEPT 11, 1998

VALUES IN PPM)	AS	CS	CU	FE	FB	CA	CO-PPM
Y450N	1.2	18	16	5	3	74	1 ✓
Y475N	.9	1	27	14	4	72	2
Y500N	.7	6	26	12	2	68	23
Y525N	1.0	1	27	10	2	69	2
Y550N	.8	42	25	6	1	74	1
Y575N	.8	39	24	9	4	66	2
Y600N	.6	40	27	6	1	69	2
Y625N	1.1	35	33	7	9	102	1
Y650N	.6	14	24	12	3	71	1
Y675N	.9	1	25	12	1	79	3
Y700N	.7	11	25	11	1	70	1
Y725N	.8	13	22	11	2	74	2
Y750N	.8	13	23	5	1	78	2
Y775N	.7	8	30	10	10	60	1
Y800N	1.1	11	32	16	3	88	4
Y825N	.9	38	33	14	2	96	2
Y850N	.6	28	32	13	1	85	9
Y875N	1.0	29	37	22	9	99	3
Y900N	.7	28	35	13	1	96	2 ✓

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**MIN-EN
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

Analytical Report

Company: BURTON CONSULTING INC.
Project: MONTANA MTN-YUKON
Attention: SLEX BURTON/ROL STEDMANN

File: 8-1199
Date: AUG 24/88
Type: SOIL GEOCHEM

Date Samples Received : AUG 8/88
Samples Submitted by : B.E. MACKEAN

Report on 134 SOILS Geochem Samples
.....
..... Assay Samples
.....

Copies sent to:

1. BURTON CONSULTING INC., VANCOUVER, B.C.
3. UNIVEX MINING CORP., VANCOUVER, B.C.
- 4.

Samples: Sieved to mesh-80..... Ground to mesh

Prepared samples stored:X..... discarded:
rejects stored:X..... discarded:

Methods of analysis:

6 ELEMENT TRACE ICP
AU FIRE GEOCHEM

Remarks

COMPANY: BURTON CONSULTINGS
PROJECT NO: MONTANA MTN. YUKON
ATTENTION: A. BURTON

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604) 980-5814 OR (604) 988-4524

(ACT: F31) PAGE 1 OF 1
FILE NO: 8-1199/P1+2
DATE: AUGUST 24, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	BO-PPB
12-000E	N/S						
12-025E	.3	60	41	32	1	94	4
12-050E	1.7	51	31	24	4	49	2
12-075E	1.1	55	35	27	2	60	3
12-100E	2.3	90	19	32	6	38	19
12-125E	.3	99	40	59	2	102	18
12-150E	.4	119	25	62	2	77	1
12-175E	.6	92	14	54	3	79	22
12-200E	.9	126	12	60	4	76	45
12-225E	.9	94	13	47	3	69	27
12-250E	.6	108	10	60	3	72	21
12-275E	.9	88	12	50	2	71	22
12-300E	.8	51	12	34	3	58	31
12-325E	1.1	74	14	48	2	71	30
12-350E	1.2	87	12	65	5	73	18
12-375E	1.6	113	12	49	6	72	7
12-425E	1.3	64	13	41	3	55	21
12-450E	1.7	64	13	44	5	51	8
12-475E	1.0	89	15	53	3	74	32
12-500E	1.1	79	15	47	3	68	18
12-525E	1.0	64	12	37	4	66	12
12-550E	1.1	78	13	39	4	62	70
12-575E	1.3	71	15	43	3	62	21
12-600E	1.4	114	14	56	5	78	33
11-000E	1.5	93	12	43	5	51	26
11-025E	1.0	91	15	38	4	61	19
11-050E	.9	129	15	55	3	72	18
11-075E	.9	112	13	43	4	70	21
11-100E 095E	.6	59	8	44	4	56	11
11-125E	.7	110	16	60	2	76	39
11-150E	.3	157	17	66	1	84	38
11-175E	.7	99	18	59	4	81	43
11-200E	.2	110	18	61	4	91	31
11-225E	1.1	47	16	35	4	56	23
11-250E	.4	66	12	45	4	70	4
11-275E	.9	59	16	45	3	70	6
11-290E	.6	63	12	39	2	64	17
11-350E	.7	52	15	46	2	68	19
11-375E	1.1	42	11	35	3	53	24
11-400E	1.0	76	13	60	3	71	20
11-425E	1.4	92	12	55	4	72	970
11-450E	1.3	62	14	45	5	60	21
11-475E	.9	70	12	48	4	64	23
11-500E	.9	104	14	58	4	73	19
11-525E	.7	102	10	45	3	57	20
11-550E	.9	75	11	56	2	56	18
11-575E	.3	109	14	80	3	108	36
11-600E	.9	84	11	46	5	62	11
9-225E	1.1	52	14	45	4	65	21
9-250E	.6	60	15	58	3	77	20
9-275E	1.3	49	13	41	3	47	23
9-300E	1.2	52	15	47	5	53	42
9-325E	.9	88	14	57	3	61	200
9-350E	.3	68	10	54	2	71	21
9-375E	.5	60	15	107	1	138	19
9-400E	1.0	65	14	50	2	67	20
9-425E	.7	97	14	57	3	69	39
9-450E	.8	130	15	98	3	89	88
9-475E	.4	108	11	57	3	74	34
9-500E	.6	87	9	41	4	62	11

Pb -
As -
Zn -
Plotted ✓

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COMPANY: BURTON CONSULTINGS
PROJECT NO: MONTANA MTN. YUKON
ATTENTION: ALEX BURTON

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604) 980-5814 OR (604) 988-4524

(ACT: F31) PAGE 1 OF 1
FILE NO: 8-1199/P3+4
DATE: AUGUST 23, 1988

(VALUES IN PPM)	AS	CU	FB	EB	ZN	EU-PPB
9-525E	.7	227	24	59	4	115
9-550E	.7	76	11	39	5	60
9-575E	.2	78	13	46	4	72
9-600E	.3	98	12	51	5	81
8-225E	.9	90	15	69	3	63
8-250E	.3	59	17	65	4	98
8-275E	.3	76	13	59	3	71
8-300E	.2	75	15	82	5	100
8-325E	.9	67	10	36	5	53
8-350E	.9	70	13	48	6	50
8-375E	.3	134	19	98	7	111
8-400E	.8	105	14	65	4	59
8-425E	.5	72	14	41	4	58
8-450E	1.0	81	15	56	5	77
8-475E	.4	101	15	40	4	67
8-500E	.5	60	14	40	3	51
8-550E	1.0	56	13	35	5	50
8-575E	.9	73	11	41	4	54
8-600E	(1.2)	101	12	36	6	48
7-225E	.9	44	12	53	6	64
7-250E	.8	38	15	40	5	53
7-275E	.9	38	15	50	5	57
7-300E	.4	56	12	48	4	66
7-325E	.9	56	17	37	3	60
7-350E	.7	91	20	51	3	65
7-375E	.7	70	14	55	4	59
7-400E	.9	84	17	55	5	74
7-425E	.9	117	22	68	5	89
7-450E	.6	119	20	92	2	132
7-475E	.5	46	12	40	3	61
7-500E	.8	274	30	147	3	163
7-525E	1.0	50	11	79	3	103
7-550E	1.1	37	13	38	4	55
7-600E	1.0	119	19	46	2	96
6-225E	1.0	36	13	40	4	52
6-250E	.9	36	15	54	3	72
6-275E	1.0	49	15	28	4	34
6-300E	1.0	56	16	48	4	56
6-325E	1.0	44	15	44	4	57
6-350E	1.0	71	15	67	4	71
6-375E	.7	111	18	97	4	105
6-400E	.7	156	35	139	3	143
6-425E	.4	155	23	158	4	152
6-450E	.6	233	31	179	2	181
6-475E	.7	81	15	61	2	88
6-500E	.9	113	23	62	3	79
6-525E	.9	105	25	54	2	83
6-550E	1.0	111	19	50	4	78
6-575E	1.1	139	22	50	3	86
1-000N	.4	94	5	66	5	163
1-010N	.3	119	3	66	5	170
1-020N	.4	89	29	64	4	138
1-030N	.3	36	9	48	2	120
1-040N	.4	42	4	33	3	88
1-050N	.3	37	7	58	1	192
1-060N	.4	146	5	58	6	161
1-070N	.3	118	7	59	4	148
1-080N	.4	248	10	60	2	122
1-090N	.4	219	5	87	1	145
1-100N	.5	123	7	50	3	89

COMPANY: BURTON CONSULTINGS
 PROJECT NO: MONTANA MTN. YUKON
 ATTENTION: ALEX BURTON

MIN-EN LABS ICP REPORT
 105 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604) 980-5814 OR (604) 988-4524

ACT: P31) PAGE 1 OF 1
 FILE NO: 8-1199/P5
 DATE: AUGUST 27, 1988

VALUES IN PPM)	AS	CS	CU	FE	SS	ZN	AU-PPB
1-110N	.7	144	12	31	3	71	34
1-120N	.8	443	11	40	3	66	24
1-130N	.6	46	12	43	1	53	3
1-140N	.2	48	9	55	1	76	4
1-150N	.5	33	5	37	1	69	4
1-160N	.8	32	7	35	1	69	5
1-170N	5.1	55	26	268	1	84	60
1-180N	1.4	58	11	68	3	54	12
1-190N	1.1	52	9	121	1	73	87
1-200N	1.6	91	14	211	3	92	21
1-205N	3.9	176	15	752	1	105	850
1-210N	21.7	2024	19	5272	1	152	1150
1-215N	2.0	136	11	144	4	75	38
1-222N	2.2	93	10	128	4	53	17

Pb
As
Am

19

59
60
12
13³



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• EN
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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

Analytical Report

Company: BURTON CONSULTING INC.
Project: MONTANA MTN. YUKON
Attention: A. BURTON/R. STEDMANN

File: 8-1175
Date: AUG. 18/88
Type: SOIL GEOCHEM

Date Samples Received : AUG. 10/88
Samples Submitted by : M. MACKEAN

Report on 146 SOILS Geochem Samples
.....
..... Assay Samples
.....

Copies sent to:

1. BURTON CONSULTING INC., VANCOUVER, B.C.
2. ANDORAQ RESOURCES CORP., VANCOUVER, B.C.
- 3.

Samples: Sieved to mesh ...-10..... Ground to mesh ...-250 PULVERIZED

Prepared samples stored:X..... discarded:
rejects stored: discarded:X.....

Methods of analysis:

6 ELEMENT TRACE ICP
AU-FIRE GEOCHEM

Remarks

COMPANY: BURTON CONSULTING INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: MONTANA MTN.YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1175/P1+2

ATTENTION: A.BURTON

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

TYPE SOIL GEOCHEM

DATE: AUGUST 18, 1988

(VALUES IN PPM)	AS	CU	PB	SB	ZN	AU-PPB
20-000E	.8	38	14	23	1	50
20-025E	.7	63	15	24	1	61
20-050E	4.1	1339	16	276	7	264
20-070E	.8	124	13	39	2	90
20-100E	.8	130	13	45	3	73
20-125E	.8	249	12	63	1	107
20-150E	.7	279	14	63	2	105
20-175E	1.1	252	15	74	3	104
20-210E	1.3	121	16	48	3	72
20-225E	1.2	110	17	35	2	58
20-250E	.9	131	14	43	2	69
20-275E	1.4	216	15	60	4	84
20-300E	1.2	157	11	47	4	69
20-325E	.9	172	11	68	3	158
20-344E	.7	129	8	42	3	63
20-400E	1.0	163	15	54	2	70
19-000E	1.2	89	13	41	1	64
19-025E	.7	126	10	57	2	96
19-050E	.8	85	9	32	3	67
19-075E	.6	81	8	36	2	63
19-100E	.7	92	8	35	3	67
19-125E	.8	95	9	33	3	63
19-150E	.7	129	9	34	3	62
19-175E	1.0	164	12	43	3	74
19-210E	1.2	154	13	43	2	78
19-225E	.8	132	12	40	2	75
19-250E	1.7	262	10	60	3	126
19-275E	1.0	201	10	48	2	71
19-300E	1.3	279	9	59	4	88
19-325E	1.4	212	10	51	4	78
19-360E	.4	187	12	45	1	61
19-375E	.8	294	13	56	3	70
19-400E	.7	243	14	56	4	68
18-010E	1.4	67	6	35	5	69
18-025E	1.3	95	7	33	4	59
18-050E	2.0	130	8	289	3	193
18-075E	.8	97	6	46	4	57
18-100E	.7	257	6	41	3	93
18-125E	1.3	269	8	77	3	100
18-150E	2.3	321	8	71	4	110
18-175E	1.6	189	8	45	4	81
18-200E	1.6	167	9	43	5	70
18-225E	2.3	225	14	85	5	123
18-250E	1.5	136	11	65	6	94
18-275E	1.1	264	10	117	3	157
18-300E	1.1	192	14	61	4	115
18-325E	.8	101	13	56	3	84
18-350E	.8	130	19	67	3	93
18-375E	.8	132	19	72	3	99
18-400E	.9	119	18	58	2	84
17-025E	1.5	84	11	35	4	60
17-050E	.4	95	11	37	3	61
17-075E	.5	101	8	34	2	56
17-100E	1.0	190	9	54	5	72
17-125E	.7	175	9	29	6	51
17-150E	10.1	420	33	378	9	460
17-175E	1.2	243	10	45	4	57
17-200E	.6	143	4	49	2	71
17-225E	.1	77	6	27	2	42
17-250E	.6	104	11	35	2	64

1446

Au

As

Pb

Zn

COMPANY: BURTON CONSULTING INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: MONTANA MTN.YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1175/P3+4

ATTENTION: A.BURTON

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

* TYPE SOIL GEOCHEM *

DATE: AUGUST 18, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
17-275E	.4	77	11	43	1	82	2220
17-300E	.3	89	14	83	1	152	4
17-325E	.7	75	16	67	2	110	2
17-350E	.7	78	15	59	3	112	3
17-375E	.3	88	17	60	1	111	16
17-400E	.4	79	15	54	3	82	3
16-025E	.4	97	9	48	1	64	2
16-075E	2.2	226	11	48	5	70	1
16-100E	2.7	135	11	61	5	87	5
16-125E	6.4	235	10	205	7	187	3
16-175E	1.5	152	7	55	5	66	2
16-200E	.7	162	6	46	4	58	5
16-225E	.9	80	12	40	4	54	7
16-275E	.6	99	12	63	4	79	3
16-325E	.7	102	13	84	3	120	4
16-350E	.8	94	12	51	4	87	10
16-370E	.8	95	17	52	3	94	3
16-400E	.4	82	14	48	2	72	6
15-025E	.4	33	16	24	2	48	3
15-075E	.4	45	25	28	2	56	2
15-125E	1.1	48	24	23	3	47	2
15-175E	.8	106	14	43	3	66	2
15-225E	.8	101	15	41	4	63	19
15-275E	.7	167	12	135	2	141	309
15-325E	.4	123	13	60	3	85	2
15-350E	.5	118	18	65	4	90	1
15-375E	.3	102	12	68	2	111	3
15-400E	.6	107	12	66	3	112	2
14-000E	.5	36	17	23	2	44	1
14-025E	.4	34	18	22	1	44	3
14-050E	.2	62	18	32	2	63	4
14-075E	.5	88	18	238	3	258	18
14-100E	.5	73	8	127	3	142	9
14-125E	.2	134	12	65	3	94	19
14-150E	.3	164	10	50	3	72	6
14-175E	.7	417	14	57	3	67	473
14-200E	.6	103	12	69	2	86	15
14-225E	.5	113	12	56	4	80	4
14-250E	.9	167	10	102	5	80	743
14-275E	.1	95	10	38	2	66	14
14-300E	.4	122	13	74	3	106	5
14-325E	.8	101	16	65	4	92	3
14-350E	2.0	271	40	191	3	296	6
14-375E	.7	157	10	53	5	109	11
14-400E	.9	121	19	80	4	122	17
14-425E	.9	123	18	76	4	101	5
14-450E	.5	153	22	97	4	129	3
14-475E	.4	186	24	101	2	133	9
13-000E	.6	42	36	24	3	70	8
13-025E	.7	504	22	54	4	77	51
13-050E	.3	123	17	54	3	79	56
13-075E	.5	134	10	64	4	85	7
13-100E	.4	412	60	190	5	220	16
13-125E	.4	118	11	107	2	73	18
13-150E	.3	110	10	54	3	76	10
13-175E	.3	124	9	62	2	73	19
13-200E	.4	136	9	49	5	67	2
13-225E	.9	218	28	105	3	145	1
13-250E	.7	103	18	117	3	121	2
13-275E	.6	87	12	54	2	79	4

COMPANY: BURTON CONSULTING INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: MONTANA MTN.YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1175/P5

ATTENTION: A.BURTON

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

* TYPE SOIL GEOCHEM *

DATE:AUGUST 18, 1988

(VALUES IN PPM)	AS	AS	CU	PB	SB	ZN	AU-PPB
13-300E	.6	89	13	50	3	83	5
13-325E	.3	115	11	92	3	134	2
13-350E	.9	120	17	101	3	123	8
13-375E	.7	88	14	68	2	89	6
13-400E	.8	72	12	42	4	72	3
13-425E	.6	110	17	63	3	96	7
13-450E	.8	58	10	32	5	59	1
13-475E	1.0	114	24	59	5	98	6
13-500E	.9	83	12	45	5	69	12
13-525E	.6	103	12	51	4	94	32
10-225E	.6	53	10	30	4	60	9
10-250E	.5	44	10	30	3	57	2
10-275E	.4	55	9	32	4	60	4
10-300E	.8	91	12	48	4	74	13
10-325E	1.0	70	15	62	5	73	5
10-350E	1.2	120	19	70	6	88	3
10-375E	.6	84	12	57	4	83	26
10-400E	.6	71	12	46	3	71	18
10-425E	.8	77	13	45	4	64	1
10-450E	.8	58	12	43	3	56	21
10-475E	.6	93	14	55	3	78	9
10-500E	1.0	89	13	44	5	63	60
10-525E	.9	94	13	49	4	76	17
10-550E	.6	85	10	43	4	64	31
10-575E	.9	115	13	41	4	71	10
10-605E	.4	83	11	34	4	75	6

P.L.H.



MIN
• EN

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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 ASSAY

Company: BURTON CONSULTANTS
Project: MONTANA MTN.
Attention: A. BURTON/R. STEDMANN

File: 8-1716/P1
Date: OCT. 8/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
185 74	.01	0.001
85 75	.02	0.001
85 76	.01	0.001

Certified by

MIN-EN LABORATORIES LTD.

COMPANY: BURTON CONSULTANTS LTD.

MIN-EN LABS ICP REPORT

(ACT: FIRE) PAGE 1 OF 1

PROJECT NO: MONTANA MTN. YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1529/P3

ATTENTION: A. BURTON/R. STEDMANN

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

* TYPE ROCK GEOCHEM * DATE: OCT 6, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	
18561	19.7	534649	8	1408	148	10125	Vein 2
18562	150.3	534665	12	18980	120	8036	Vein 1
18563	1.2	2398	26	356	2	402	
18564	2.1	956	30	604	3	363	Lower Tract.
18565	6.7	1673	34	1797	6	205	
18566	2.4	222	30	50	1	35	
18567	7.9	510	37	85	8	98	
18568	2.6	734	30	66	5	102	
18569	707.0	3256	258	3408	483	198	
18570	3.7	446	33	582	4	55	
18571	6.9	29163	26	54	74	48	
18572	.5	320	24	31	16	37	
18573	.6	94	17	27	8	42	

COMPANY: BURTON CONSULTANTS LTD.

MIN-EN LABS ICP REPORT

(ACT: FIRE) PAGE 1 OF 1

PROJECT NO: MONTANA MTN. YUKON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-1529/P1+2

ATTENTION: A. BURTON/R. STEDMANN

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

* TYPE ROCK GEOCHEM * DATE: OCT 6, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN
18501	1.3	174	22	44	3	227
18502	1.5	361	28	70	3	227
18503	.7	106	26	80	1	327
18504	.8	30	20	26	4	252
18505	5.1	2354	25	309	9	335
18506	6.7	11572	28	248	21	101
18507	2.2	293	35	56	5	98
18508	6.1	277	25	69	4	49
18509	3.4	98	42	25	8	91
18510	2.4	5582	24	432	7	57
18511	2.3	2716	31	351	1	69
18512	.3	57	21	17	1	42
18513	2.2	289	31	781	1	68
18514	4.9	794	36	1473	2	91
18515	10.2	944	28	2094	5	75
18516	2.4	410	28	930	2	101
18517	1.1	51	26	436	3	112
18518	1.9	31	29	574	3	73
18519	.8	27	28	342	1	58
18520	3.4	43	27	361	5	65
18521	.9	1555	37	110	1	79
18522	.3	18	28	67	1	56
18523	.2	45	32	40	1	28
18524	.3	65	28	35	1	31
18525	.3	46	25	22	1	37
18526	.4	14	22	19	1	44
18527	.5	38	29	20	1	83
18528	3.2	56	26	1277	3	401
18529	4.7	47	35	1300	4	151
18530	1.2	656	26	988	5	402
18531	1.3	263	32	151	1	136
18532	1.5	309	34	346	1	99
18533	1.8	164	10	53	10	1576
18534	.9	418	35	46	2	377
18535	1.2	765	35	69	1	248
18536	.8	963	34	104	1	262
18537	.9	27	33	43	1	58
18538	1.3	23	42	26	4	30
18539	.7	40	33	34	2	29
18540	1.1	84	37	54	1	46
18541	1.5	36	45	123	4	39
18542	2.8	99	50	534	2	95
18543	.7	103	32	45	1	36
18544	.7	34	26	28	1	49
18545	.6	148	28	14	1	49
18546	.7	34	28	15	1	34
18547	1.5	216	33	87	2	31
18548	.8	45	36	22	1	20
18549	298.7	34116	16	23021	142	10417
18550	4.3	1141	44	251	5	148
18551	1.1	483	28	149	5	117
18552	1.2	29	52	177	3	99
18553	.8	54	25	52	3	40
18554	.7	34	28	29	1	51
18555	.9	214	38	63	4	23
18556	.4	25	31	26	2	25
18557	.8	311	39	44	2	35
18558	.9	64	34	73	1	36
18559	.9	252	38	101	4	148
18560	.4	174	28	30	1	274

TOP
TRENCH
G-1

G-1 altered

off G13/G14

G-21

Lower
Trench

36-9

-9

36-3

-2

-2

-2

G-6

- VEIN.

G-9

Lower Trench



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33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 284-9996

Certificate of Assay

Company: BURTON CONSULTANTS LTD.
Project: MONTANA MTN-YUKON
Attention: A. BURTON/R. STEDMANN

File: 8-1529/P3
Date: OCT. 6/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
---------------	------------	-----------

18 561	16.55	0.483
--------	-------	-------

18 562	121.50	3.544
--------	--------	-------

18 563	.38	0.011
--------	-----	-------

18 564	.20	0.006
--------	-----	-------

18 565	2.79	0.081
--------	------	-------

18 566	.10	0.003
--------	-----	-------

18 567	.49	0.014
--------	-----	-------

18 568	.02	0.001
--------	-----	-------

18 569	2.80	0.082
--------	------	-------

18 570	.62	0.018
--------	-----	-------

18 571	1.26	0.037
--------	------	-------

18 572	.01	0.001
--------	-----	-------

18 573	.01	0.001
--------	-----	-------

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Certificate of ASSAY

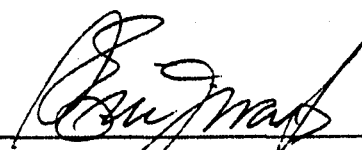
Company: BURTON CONSULTANTS LTD.
Project: MONTANA MTN-YUKON
Attention: A. BURTON/R. STEDMANN

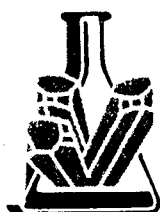
File: 8-1529/P2
Date: OCT. 6/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	
18 531	.07	0.002	
18 532	.18	0.005	Lower
18 533	.04	0.001	Trace
18 534	.07	0.002	
18 535	.02	0.001	
18 536	.02	0.001	
18 537	.01	0.001	36-9 2.0' 60-62'
18 538	.53	0.015	36-9 1.0' 65.6-66.6
18 539	.02	0.001	36-3 1.0' 58.5-59.5
18 540	.09	0.003	36-2 1.0' 54.5-55.5
541	.03	0.001	36-2 1.0' 55.5-56.5
18 542	.01	0.001	36-2 1.3' 56.5-57.8
18 543	.01	0.001	↑
18 544	.01	0.001	
18 545	.01	0.001	3-6.
18 546	.01	0.001	
18 547	.23	0.007	
18 548	.10	0.003	↓
18 549	196.00	5.717	NEW
18 550	1.32	0.039	
18 551	.55	0.016	
18 552	.45	0.013	G-9
18 553	.07	0.002	
18 554	.05	0.001	
18 555	.61	0.018	
18 556	.01	0.001	
18 557	.01	0.001	
18 558	.07	0.002	
18 559	.01	0.001	
18 560	.02	0.001	Lower Tr.

Certified by


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TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: BURTON CONSULTANTS LTD.
Project: MONTANA MTN-YUKON
Attention: A. BURTON/R. STEDMANN

File: 8-1529/P1
Date: OCT. 6/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
---------------	------------	-----------

18 501	.03	0.001
18 502	.01	0.001
18 503	.01	0.001
18 504	.01	0.001
18 505	.02	0.001

18 506	.96	0.028
18 507	.04	0.001
18 508	.06	0.002
18 509	.03	0.001
18 510	1.78	0.052

18 511	.26	0.008
18 512	.19	0.006
18 513	.01	0.001
18 514	.56	0.016
18 515	4.14	0.121

18 516	.23	0.007
18 517	.18	0.005
18 518	.29	0.008
18 519	.26	0.008
18 520	2.62*	0.076

18 521	.42	0.012
18 522	.01	0.001
18 523	.20	0.006
18 524	.23	0.007
18 525	.04	0.001

18 526	.02	0.001
18 527	.01	0.001
18 528	.18	0.005
18 529	.01	0.001
18 530	.25	0.007

*SAMPLE CONTAINS METALLIC GOLD

Certified by

MIN-EN LABORATORIES LTD.

COMPANY: BURTON CONSULTANTS

MIN-EN LABS ICP REPORT

(ACT: FIRE) PAGE 1 OF 1

PROJECT NO: MONTANA MTN.

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T0

FILE NO: B-17114F1

ATTENTION: A. BURTON/R. STEDMANN

(604) 920-5814 OR (604) 922-4524

TYPE ROCK GEOCHEM * DATE: OCTOBER 8, 1998

PPM)	3574	3575	3576
AG	1.1	1.9	.5
AS	60	154	5
CU	44	47	14
FE	873	201	97
SB	4	8	2
ZN	610	407	179

APPENDIX III

BURTON CONSULTING INC.

MONTANA MT. YUKON PROJECT

SIMPLE STATISTICS

Element	Unit	n	Mean	Median	Standard Deviation	Lowest Value	Highest Value	Coef. of Var.
AG	ppm	796	.8	.7	1.1	.1	21.7	1.37
AS	ppm	796	86.9	58.0	136.9	1.0	2024.0	1.58
CU	ppm	796	21.9	22.0	10.1	3.0	94.0	.46
PB	ppm	796	59.5	38.0	202.6	2.0	5272.0	3.41
SB	ppm	796	3.0	3.0	2.2	1.0	25.0	.74
ZN	ppm	796	98.8	85.0	54.6	23.0	576.0	.55
AU	ppb	796	50.0	6.0	161.9	1.0	2220.0	3.24

NOTE - Coefficient of Variation = Standard Deviation / Mean

MONTANA MT. YUKON PROJECT

SIMPLE STATISTICS

LOG (Base 10) Transformed

Element	Unit	n	Mean	Median	Standard Deviation	Lowest Value	Highest Value	Coef. of Var.
AG	ppm	796	-.1952	-.1549	.2853	-1.0000	1.3365	-1.46
AS	ppm	796	1.6318	1.7634	.5995	.0000	3.3062	.37
CU	ppm	796	1.2995	1.3424	.1929	.4771	1.9731	.15
PB	ppm	796	1.5242	1.5798	.4070	.3010	3.7220	.27
SB	ppm	796	.3792	.4771	.3003	.0000	1.3979	.79
ZN	ppm	796	1.9568	1.9294	.1656	1.3617	2.7604	.08
AU	ppb	796	.9718	.7782	.7050	.0000	3.3464	.73

NOTE - Coefficient of Variation = Standard Deviation / Mean

MONTANA MT. YUKON PROJECT

CORRELATION MATRIX

	AG	AS	CU	PB	SB	ZN	AU
AG	1.0000						
AS	.2916	1.0000	-.2555				
CU	.0123		1.0000	-.2051	-.0124		
PB	.2529	.2755		1.0000	-.0396		
SB	.1713	.1981			1.0000	-.0445	-.0781
ZN	.1689	.1106	.4004	.3914		1.0000	
AU	.1091	.0165	.0672	.4694		.2198	1.0000

796 SAMPLE PAIRS ARE COMPLETE

SIGNIFICANT CORRELATION PAIRS FOR $R(.05, 795) = .086$

CORRELATION between AS and AG = .2916
 CORRELATION between CU and AS = -.2555
 CORRELATION between PB and AG = .2529
 CORRELATION between PB and AS = .2755
 CORRELATION between PB and CU = -.2051
 CORRELATION between SB and AG = .1713
 CORRELATION between SB and AS = .1981
 CORRELATION between ZN and AG = .1689
 CORRELATION between ZN and AS = .1106
 CORRELATION between ZN and CU = .4004
 CORRELATION between ZN and PB = .3914
 CORRELATION between AU and AG = .1091
 CORRELATION between AU and PB = .4694
 CORRELATION between AU and ZN = .2198

09:52:07 MONTANA MT. YUKON PROJECT

01/03/

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALU

Variable = AG Unit = ppm N = 796

Mean = -0.1952 Min = -1.0000 1st Quartile = -0.397
Std. Dev. = 0.2853 Max = 1.3365 Median = -0.154
CV % = 146.1670 Skewness = 0.4624 3rd Quartile = -0.045

Anti-Log Mean = 0.638 Anti-Log Std. Dev. : (-) 0.33
(+) 1.23

=====				
%	cum %	antilog	cls int	(# of bins = 30 - bin size = 0.080)

0.00	0.06	0.091	-1.0403	
0.25	0.31	0.110	-0.9597	*
0.00	0.31	0.132	-0.8791	
0.00	0.31	0.159	-0.7986	
0.00	0.31	0.191	-0.7180	
9.05	9.35	0.230	-0.6374	*****
0.00	9.35	0.277	-0.5569	
5.53	14.87	0.334	-0.4763	*****
16.71	31.56	0.402	-0.3957	***** -->
0.00	31.56	0.484	-0.3152	
7.41	38.96	0.583	-0.2346	*****
19.72	58.66	0.701	-0.1540	***** -->
10.55	69.20	0.844	-0.0735	*****
13.19	82.37	1.016	0.0071	*****
6.03	88.39	1.224	0.0877	*****
2.64	91.03	1.473	0.1682	*****
3.39	94.42	1.773	0.2488	*****
2.26	96.68	2.135	0.3294	*****
1.38	98.06	2.570	0.4099	****
0.63	98.68	3.094	0.4905	**
0.25	98.93	3.724	0.5711	*
0.25	99.18	4.484	0.6516	*
0.25	99.44	5.398	0.7322	*
0.13	99.56	6.498	0.8128	
0.00	99.56	7.822	0.8933	
0.00	99.56	9.417	0.9739	
0.13	99.69	11.336	1.0545	
0.00	99.69	13.647	1.1350	
0.13	99.81	16.429	1.2156	
0.00	99.81	19.778	1.2962	
0.13	99.94	23.809	1.3767	

			0	1 2 3

Each "*" represents approximately 2.8 observations

#####

09:57:54

01/03/80

MONTANA MT. VUNOH PROJECT

LOGARITHMIC VALUES

=====

VARIABLE = AG

UNIT = poH

O = 736

N CI = 30

POPULATIONS

=====

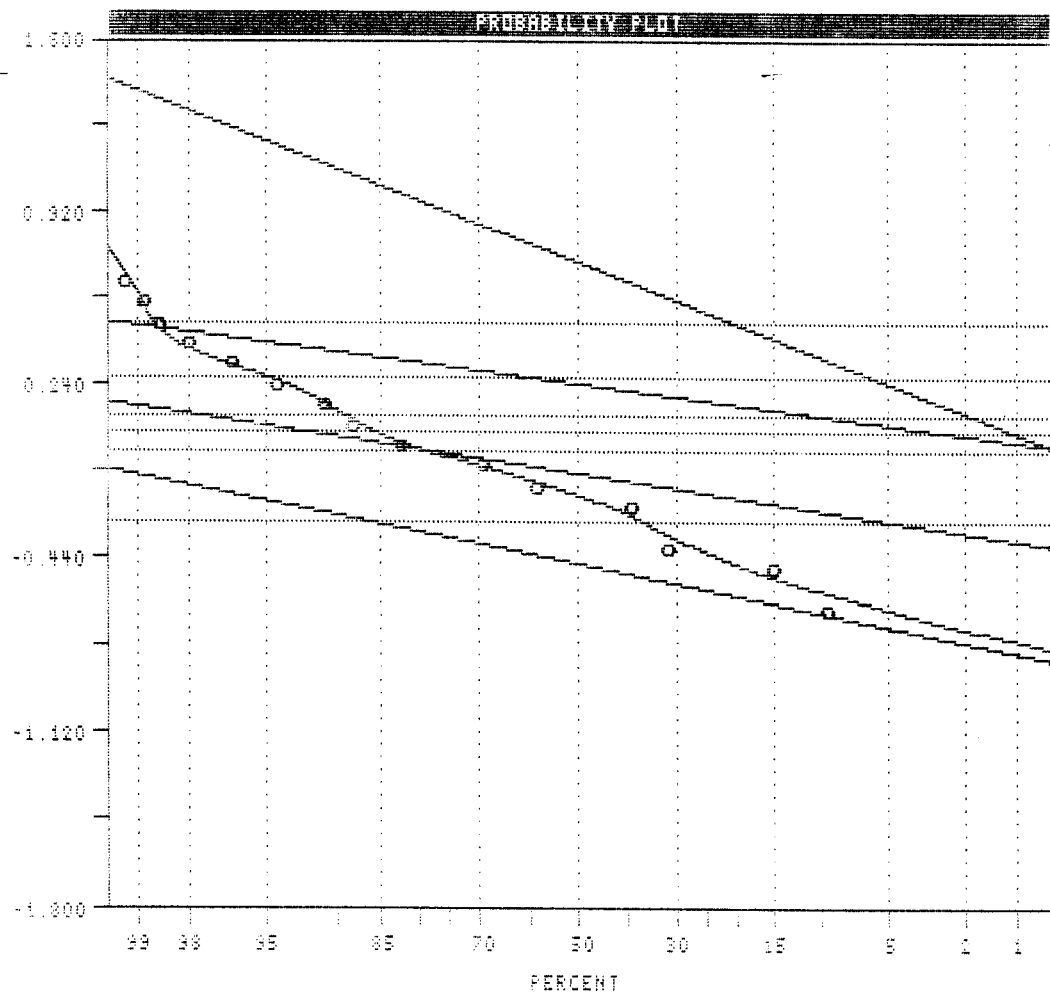
Pop.	Mean	Std.Dev.	%
1	-0.4710	0.1487	38.0
2	-0.1150	0.1146	51.0
3	0.2410	0.0372	3.5
4	0.7186	0.2320	1.5

THRESHOLDS

=====

0.4889	0.2700
0.1262	0.0623
-0.0205	-0.2962

USERS VISUAL
PARAMETER ESTIMATES



09:58:56 MONTANA MT. YUKON PROJECT

01/03/

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = \DATA\MONTANAS.PPP

Variable ☐ AG Unit = ppm N = 796
N CI = 30

Transform ☐ Logarithmic Number of Populations = 4

of Missing Observations ☐ 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
-----	-----	-----	-----
1	0.338	- 0.240	38.00
		+ 0.476	
2	0.767	- 0.589	51.00
		+ 0.999	
3	1.742	- 1.393	9.50
		+ 2.179	
4	5.231	- 2.670	1.50
		+ 10.247	

=====

Thresholds Which Minimize Classification Errors.

Thresholds

3.083
1.862
1.337
1.156
0.954
0.506

#####

10:00:52 MONTANA MT. YUKON PROJECT

01/03/

 SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALU

Variable = AS Unit = ppm N = 796

Mean = 1.6318 Min = 0.0000 1st Quartile = 1.397
 Std. Dev. = 0.5995 Max = 3.3062 Median = 1.763
 CV % = 36.7409 Skewness = -1.0154 3rd Quartile = 1.977

Anti-Log Mean = 42.834 Anti-Log Std. Dev. : (-) 10.77
 (+) 170.34

=====

%	cum %	antilog	cls int	(# of bins = 30 - bin size = 0.114
0.00	0.06	0.877	-0.0570	
5.53	5.58	1.140	0.0570	*****
0.00	5.58	1.483	0.1710	
0.00	5.58	1.928	0.2850	
1.38	6.96	2.506	0.3990	****
0.50	7.47	3.259	0.5130	*
0.50	7.97	4.237	0.6270	*
0.38	8.34	5.509	0.7410	*
2.39	10.73	7.162	0.8551	*****
1.38	12.11	9.312	0.9691	****
1.38	13.49	12.108	1.0831	****
2.14	15.62	15.743	1.1971	*****
5.28	20.89	20.468	1.3111	*****
5.28	26.16	26.613	1.4251	*****
7.91	34.07	34.602	1.5391	*****
6.91	40.97	44.989	1.6531	*****
9.80	50.75	58.494	1.7671	*****
12.19	62.92	76.054	1.8811	*****
13.82	76.73	98.884	1.9951	*****
9.17	85.88	128.568	2.1091	*****
4.77	90.65	167.164	2.2231	*****
1.63	92.28	217.345	2.3371	*****
3.14	95.42	282.590	2.4512	*****
1.26	96.68	367.420	2.5652	****
1.26	97.93	477.717	2.6792	****
0.75	98.68	621.123	2.7932	**
0.50	99.18	807.579	2.9072	*
0.50	99.69	1050.007	3.0212	*
0.13	99.81	1365.210	3.1352	
0.00	99.81	1775.035	3.2492	
0.13	99.94	2307.885	3.3632	

0

1

2

3

Each "*" represents approximately 2.8 observation

#####

10:06:55

01/03/80

MONTANA HT. YUKON PROJECT

LOGARITHMIC VALUES

=====

VARIABLE = AS

UNIT = DCM

n = 736

N CI = 30

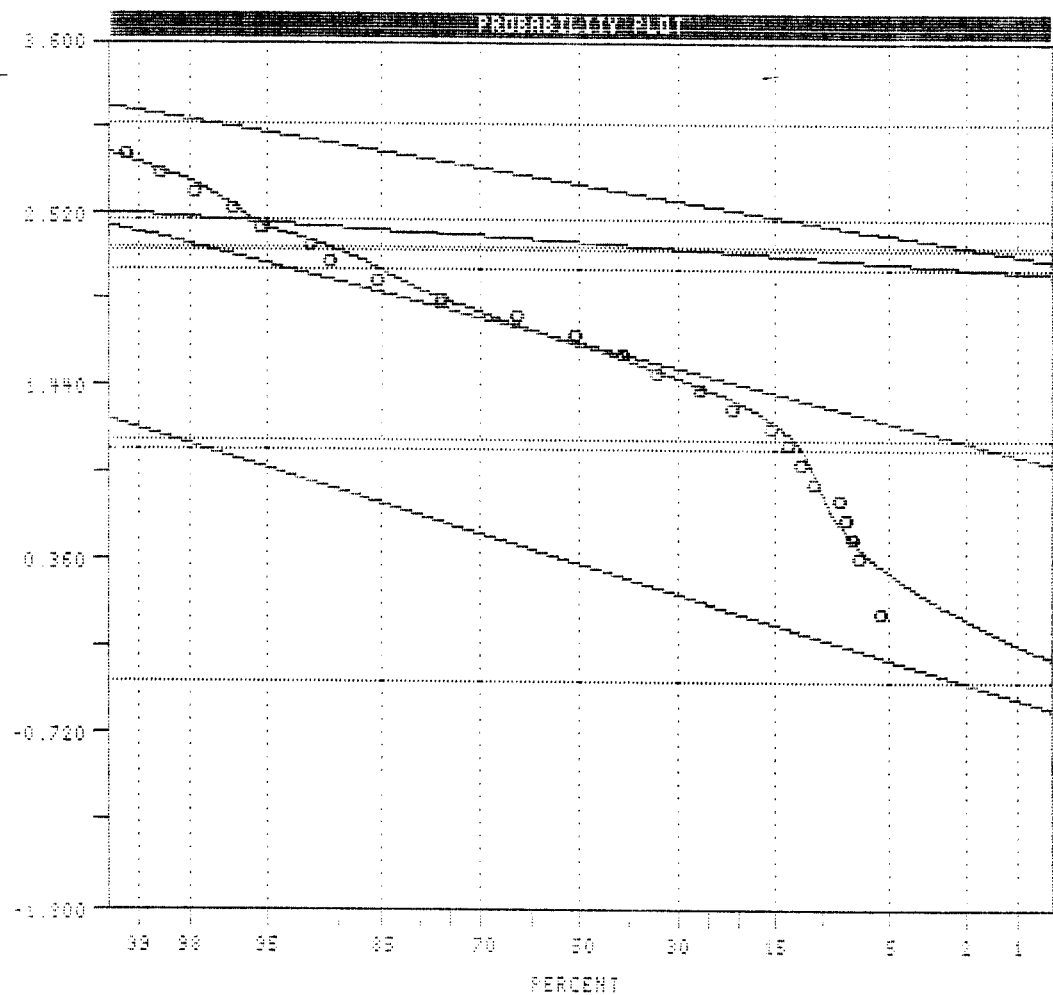
POPULATIONS

=====

Pop.	Mean	Std. Dev.	n
1	0.3239	0.3625	11.0
2	1.7017	0.2997	73.0
3	2.3318	0.0789	3.5
4	2.5945	0.1974	4.5

Pop.	THRESHOLDS	
1	-0.3950	1.0549
2	1.1023	2.3011
3	2.1740	2.4896
4	2.2997	2.0893

USERS VISUAL
PARAMETER ESTIMATED



10:07:58 MONTANA MT. YUKON PROJECT

01/03/

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = \DATA\MONTANAS.PPP

Variable = AS

Unit = ppm

N = 796

N CI = 30

Transform = Logarithmic

Number of Populations = 4

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
-----	-----	-----	-----
1	2.138	- 0.928	11.00
		+ 4.925	
2	50.312	- 25.233	79.00
		+ 100.315	
3	214.685	- 179.016	5.50
		+ 257.461	
4	494.900	- 314.146	4.50
		+ 779.656	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
----	-----
1	0.403 11.348
2	12.655 200.016
3	149.274 308.760
4	199.409 1228.256

#####

10:12:17 MONTANA MT. YUKON PROJECT

01/03/

 SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALU

Variable = CU

Unit = ppm

N = 796

Mean = 1.2995 Min = 0.4771 1st Quartile = 1.176
 Std. Dev. = 0.1929 Max = 1.9731 Median = 1.342
 CV % = 14.8467 Skewness $\square$ -0.3987 3rd Quartile = 1.415

Anti-Log Mean = 19.929 Anti-Log Std. Dev. : (-) 12.78
 (+) 31.07

```
=====
%   cum %   antilog   cls int   (# of bins = 30 - bin size = 0.051
-----
0.00 0.06    2.827    0.4513
0.13 0.19    3.184    0.5029
0.00 0.19    3.585    0.5545
0.25 0.44    4.037    0.6061 *
0.00 0.44    4.546    0.6577
0.50 0.94    5.120    0.7093 *
0.00 0.94    5.766    0.7608
0.63 1.57    6.493    0.8124 **
0.75 2.32    7.312    0.8640 **
1.26 3.58    8.234    0.9156 ****
1.88 5.46    9.272    0.9672 *****
2.89 8.34   10.442    1.0188 *****
2.76 11.10   11.759    1.0704 *****
8.42 19.51   13.242    1.1220 *****
3.39 22.90   14.912    1.1735 *****
5.28 28.17   16.793    1.2251 *****
5.15 33.31   18.911    1.2767 *****
16.46 49.75   21.296    1.3283 ***** -->
14.57 64.30   23.982    1.3799 ***** -->
17.21 81.49   27.007    1.4315 ***** -->
5.65 87.14   30.413    1.4831 *****
4.52 91.66   34.249    1.5346 *****
3.39 95.04   38.568    1.5862 *****
2.51 97.55   43.433    1.6378 *****
0.50 98.06   48.911    1.6894 *
0.38 98.43   55.079    1.7410 *
0.63 99.06   62.026    1.7926 **
0.25 99.31   69.849    1.8442 *
0.25 99.56   78.659    1.8957 *
0.13 99.69   88.580    1.9473
0.25 99.94   99.752    1.9989 *
```

 0 1 2 3

Each "*" represents approximately 2.8 observation

#####

10/10/55

01/03/80

MONTANA HT. YUKON PROJECT

LOGARITHMIC VALUES

=====

VARIABLE = CU

UNIT = cph

N = 736

N CI = 30

POPULATIONS

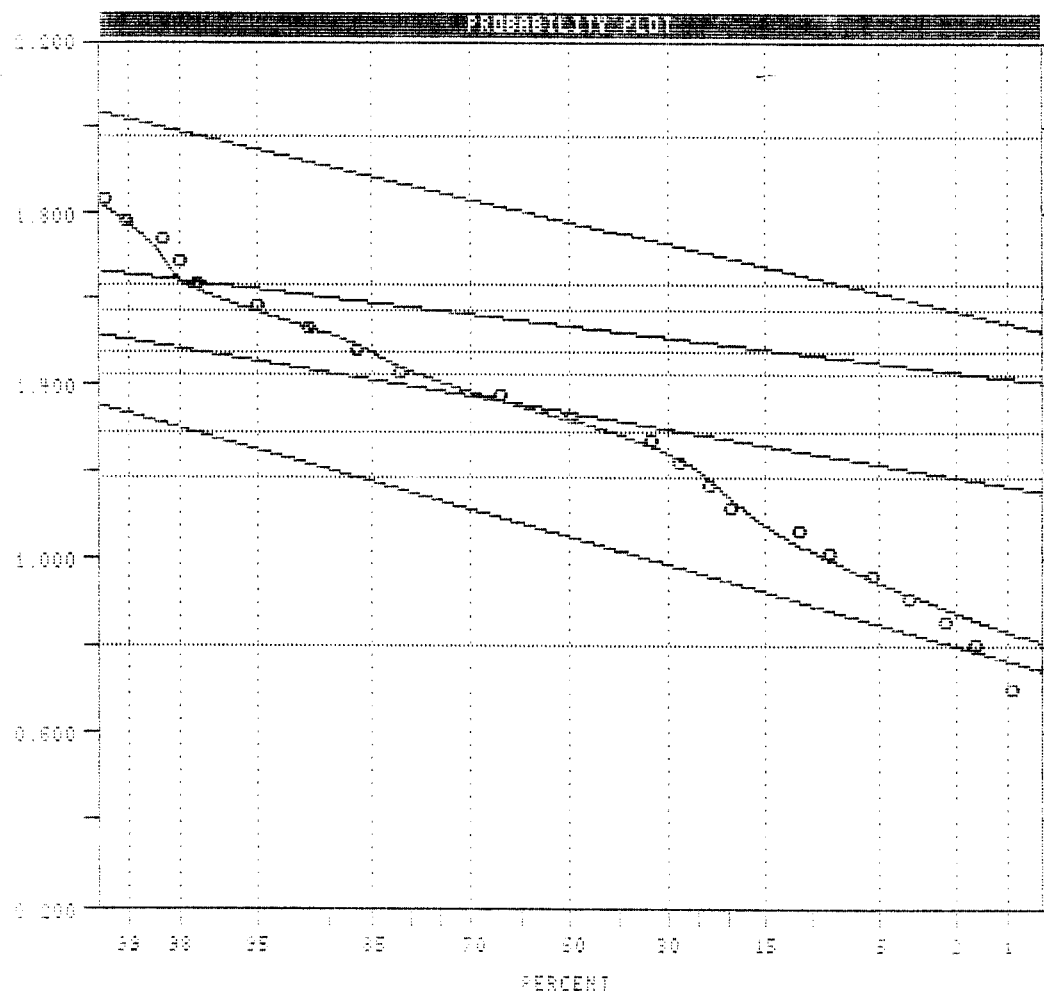
=====

Pop.	Mean	Std.Dev.	%
1	1.0499	0.1219	25.0
2	1.3344	0.0734	60.0
3	1.5319	0.0522	13.0
4	1.7773	0.1025	2.0

Pop. THRESHOLDS

Pop.	THRESHOLDS
1	0.8062 1.2996
2	1.1076 1.4812
3	1.4275 1.6363
4	1.5722 1.9823

USERS VISUAL
PARAMETER ESTIMATES



10:20:41 MONTANA MT. YUKON PROJECT

01/03/

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = \DATA\MONTANAS.PPP

Variable = CU

Unit = ppm

N = 796

N CI = 30

Transform = Logarithmic

Number of Populations = 4

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
-----	-----	-----	-----
1	11.218	- 8.473	25.00
		+ 14.851	
2	21.598	- 18.239	60.00
		+ 25.575	
3	34.035	- 30.180	13.00
		+ 38.383	
4	59.879	- 47.288	2.00
		+ 75.823	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
----	-----
1	6.400 19.662
2	15.402 30.285
3	26.761 43.286
4	37.344 96.012

#####

10:23:19 MONTANA MT. YUKON PROJECT

01/03/

 SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALU

Variable = PB

Unit = ppm

N = 796

Mean □ 1.5242 Min = 0.3010 1st Quartile = 1.255
 Std. Dev. □ 0.4070 Max = 3.7220 Median = 1.579
 CV % = 26.7005 Skewness = 0.3051 3rd Quartile = 1.755

Anti-Log Mean = 33.435 Anti-Log Std. Dev. : (-) 13.09
 (+) 85.34

```
=====
%   cum %   antilog   cls int   (# of bins = 30 - bin size = 0.118
-----
0.00  0.06    1.746    0.2420
0.13  0.19    2.291    0.3600
0.00  0.19    3.006    0.4780
0.00  0.19    3.944    0.5959
1.51  1.69    5.175    0.7139  ****
1.51  3.20    6.790    0.8319  ****
6.28  9.47    8.909    0.9498  *****
6.78 16.25   11.689    1.0678  *****
5.28 21.52   15.338    1.1858  *****
6.03 27.54   20.124    1.3037  *****
8.04 35.57   26.405    1.4217  *****
10.80 46.36   34.646    1.5396  *****
14.82 61.17   45.458    1.6576  ***** -->
16.46 77.60   59.645    1.7756  ***** -->
9.42 87.01   78.260    1.8935  *****
4.27 91.28  102.684    2.0115  *****
3.27 94.54  134.731    2.1295  *****
1.26 95.80  176.779    2.2474  ****
1.51 97.30  231.950    2.3654  ****
1.51 98.81  304.339    2.4834  ****
0.13 98.93  399.320    2.6013
0.00 98.93  523.944    2.7193
0.38 99.31  687.461    2.8372  *
0.38 99.69  902.011    2.9552  *
0.13 99.81 1183.519    3.0732
0.00 99.81 1552.884    3.1911
0.00 99.81 2037.524    3.3091
0.00 99.81 2673.415    3.4271
0.00 99.81 3507.761    3.5450
0.00 99.81 4602.498    3.6630
0.13 99.94 6038.891    3.7810
-----
```

0

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Each "*" represents approximately 2.8 observations

#####

10:30:43

01/03/80

MONTANA MT. YUKON PROJECT

LOGARITHMIC VALUES

=====

VARIABLE = P2

UNIT = DPH

N = 796

N CI = 30

POPULATIONS

=====

Pop.	Mean	Std.Dev.	%
1	0.2449	0.1358	21.0
2	1.6187	0.2226	74.0
3	2.3035	0.1021	3.8
4	2.8194	0.3486	1.2

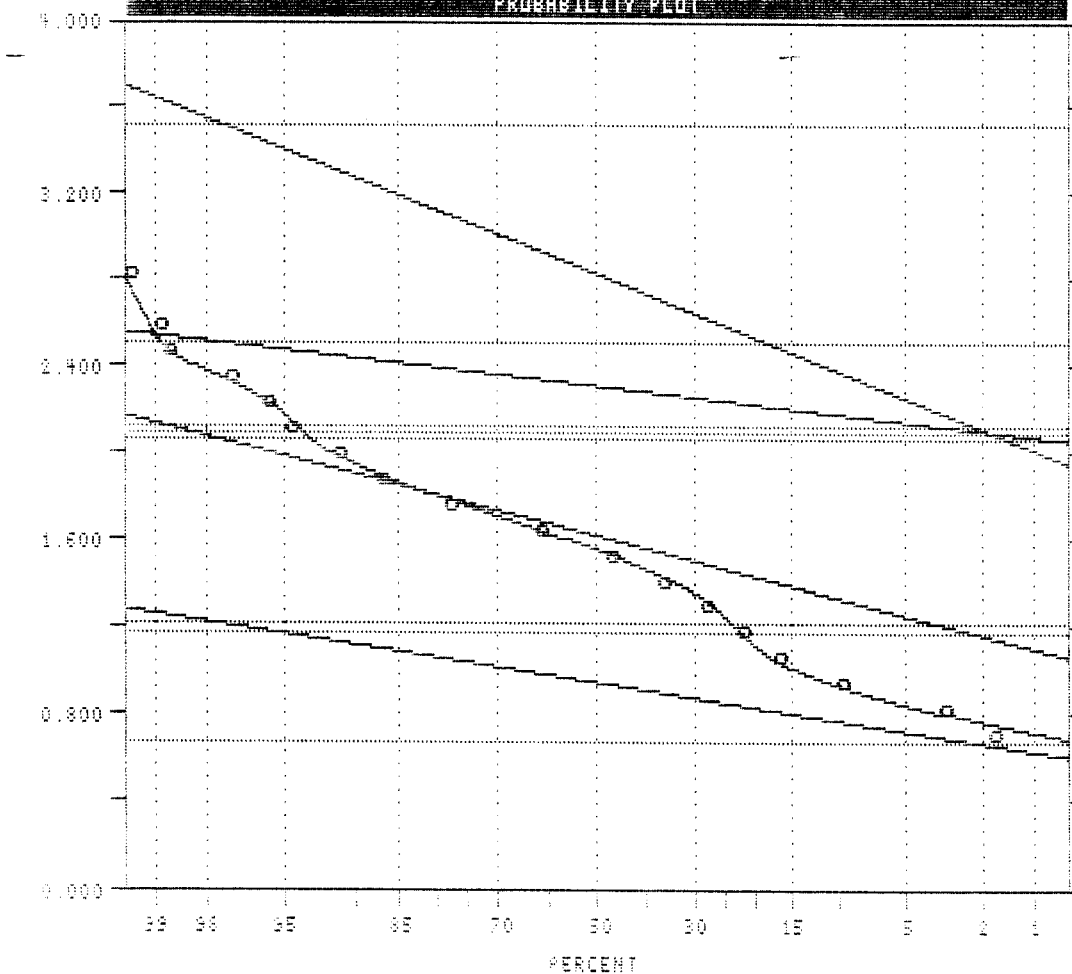
Pop. THRESHOLDS

Pop.	THRESHOLDS
1	0.6733 1.2164
2	1.1735 2.0640
3	2.0994 2.5076
4	2.1221 3.5167

USERS VISUAL

PARAMETER ESTIMATES

PROBABILITY PLOT



10:31:59 MONTANA MT. YUKON PROJECT

01/03/

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = \DATA\MONTANAS.PPP

Variable = PB

Unit = ppm

N = 796

N CI = 30

Transform = Logarithmic

Number of Populations = 4

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
-----	-----	-----	-----
1	8.808	- 6.443	21.00
		+ 12.040	
2	41.566	- 24.896	74.00
		+ 69.399	
3	201.157	- 159.032	3.80
		+ 254.440	
4	659.792	- 295.641	1.20
		+ 1472.481	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
----	-----
1	4.713 16.460
2	14.911 115.870
3	125.728 321.837
4	132.471 3286.188

#####

10:35:02 MONTANA MT. YUKON PROJECT

01/03/

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALU

Variable = SB

Unit = ppm

N = 796

Mean = 3.026 Min = 1.000 1st Quartile = 1.00
Std. Dev. = 2.231 Max = 25.000 Median = 3.00
CV % = 73.713 Skewness = 2.743 3rd Quartile = 4.00

=====			(# of bins = 30 - bin size = 0.82	
%	cum %	cls int		
0.00	0.06	0.586		
31.41	31.43	1.414	***** -->	
15.45	46.86	2.241	***** -->	
17.84	64.68	3.069	***** -->	
0.00	64.68	3.897		
16.46	81.12	4.724	***** -->	
8.79	89.90	5.552	*****	
4.02	93.91	6.379	*****	
2.39	96.30	7.207	*****	
1.51	97.80	8.034	****	
0.00	97.80	8.862		
1.26	99.06	9.690	****	
0.25	99.31	10.517	*	
0.25	99.56	11.345	*	
0.00	99.56	12.172		
0.00	99.56	13.000		
0.13	99.69	13.828		
0.00	99.69	14.655		
0.00	99.69	15.483		
0.00	99.69	16.310		
0.00	99.69	17.138		
0.00	99.69	17.966		
0.00	99.69	18.793		
0.00	99.69	19.621		
0.00	99.69	20.448		
0.00	99.69	21.276		
0.13	99.81	22.103		
0.00	99.81	22.931		
0.00	99.81	23.759		
0.00	99.81	24.586		
0.13	99.94	25.414		

0 1 2 3

Each "*" represents approximately 2.8 observation

#####

10:36:23 MONTANA MT. YUKON PROJECT

01/03/

 SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALU

Variable = ZN Unit = ppm N = 796

Mean = 1.9568 Min = 1.3617 1st Quartile = 1.851
 Std. Dev. = 0.1656 Max = 2.7604 Median = 1.929
 CV % = 8.4604 Skewness = 1.2814 3rd Quartile = 2.029

Anti-Log Mean = 90.534 Anti-Log Std. Dev. : (-) 61.83
 (+) 132.54

```
=====
%      cum %      antilog      cls int      (# of bins = 30 - bin size = 0.048
-----
0.00  0.06      21.758      1.3376
0.13  0.19      24.313      1.3858
0.00  0.19      27.169      1.4341
0.00  0.19      30.360      1.4823
0.00  0.19      33.926      1.5305
0.13  0.31      37.911      1.5788
0.38  0.69      42.364      1.6270 *
0.63  1.32      47.340      1.6752 **
1.88  3.20      52.900      1.7235 *****
4.15  7.34      59.114      1.7717 *****
8.42  15.75     66.057      1.8199 *****
13.69 29.42     73.816      1.8682 *****
16.58 45.98     82.486      1.9164 ***** -->
15.33 61.29     92.175      1.9646 ***** -->
11.81 73.09    103.002     2.0128 *****
7.41  80.49    115.100     2.0611 *****
5.78  86.26    128.619     2.1093 *****
4.02  90.28    143.727     2.1575 *****
3.02  93.29    160.608     2.2058 *****
1.01  94.29    179.473     2.2540 ***
1.13  95.42    200.553     2.3022 ***
0.88  96.30    224.109     2.3505 **
1.01  97.30    250.433     2.3987 ***
1.01  98.31    279.848     2.4469 ***
0.63  98.93    312.718     2.4952 **
0.25  99.18    349.449     2.5434 *
0.00  99.18    390.494     2.5916
0.13  99.31    436.360     2.6398
0.38  99.69    487.614     2.6881 *
0.00  99.69    544.888     2.7363
0.25  99.94    608.889     2.7845 *
-----
0          1          2          3
```

Each "*" represents approximately 2.8 observation

#####

10:40:01

01/03/80

MONTANA MT. YUKON PROJECT

LOGARITHMIC VALUES

=====

VARIABLE = ZN

UNIT = ppm

N = 796

N CI = 30

POPULATIONS

=====

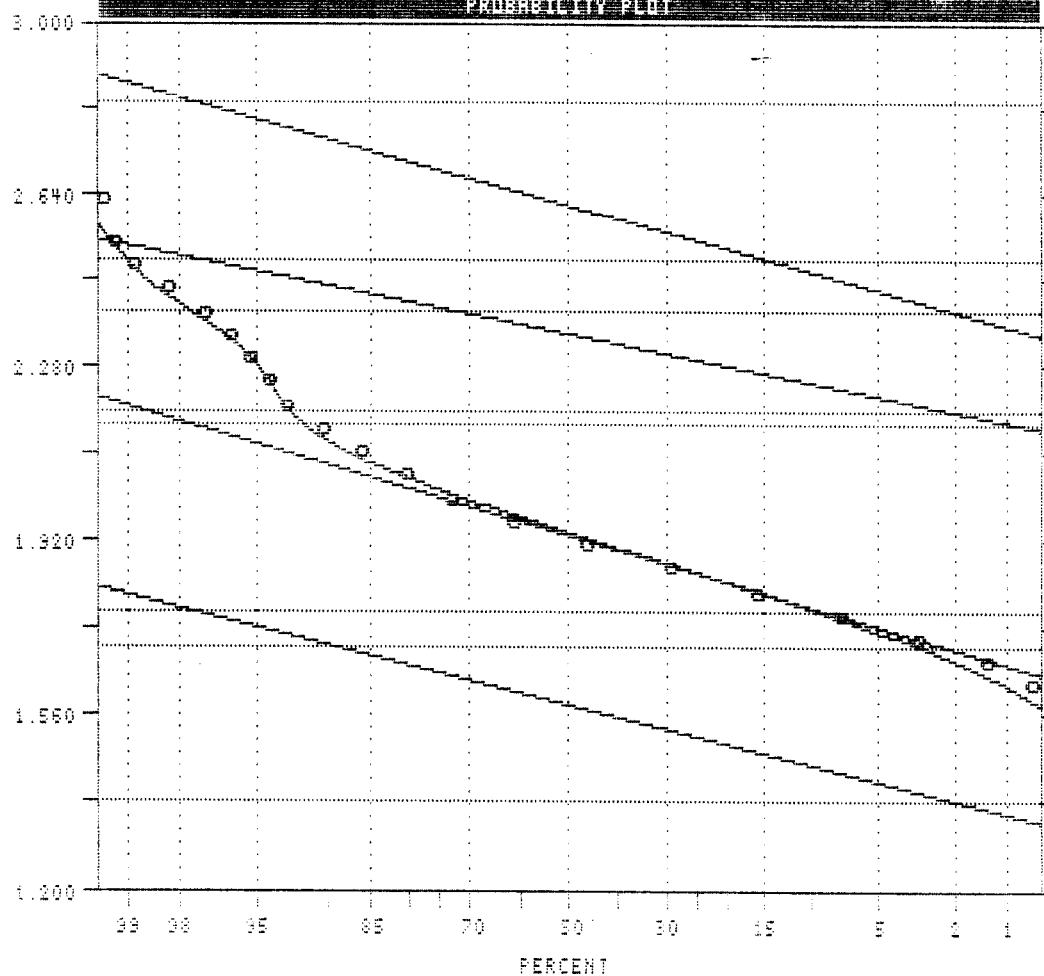
Pop.	Mean	Std.Dev.	%
1	1.5811	0.0974	1.0
2	1.9316	0.1152	93.0
3	2.3461	0.0795	5.0
4	2.6156	0.1102	1.0

THRESHOLDS

Pop.	Mean	Std.Dev.
1	1.3864	1.7759
2	1.7013	2.1619
3	2.1872	2.5050
4	2.3953	2.8360

USERS VISUAL
PARAMETER ESTIMATES

PROBABILITY PLOT



10:44:06 MONTANA MT. YUKON PROJECT

01/03/8

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = \DATA\MONTANAS.PPP

Variable = ZN

Unit = ppm

N = 796

N CI = 30

Transform = Logarithmic

Number of Populations = 4

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
-----	-----	-----	-----
1	38.119	- 30.464	1.00
		+ 47.698	
2	85.427	- 65.530	93.00
		+ 111.366	
3	221.883	- 184.786	5.00
		+ 266.428	
4	412.693	- 320.216	1.00
		+ 531.877	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
----	-----
1	24.346 59.683
2	50.267 145.180
3	153.892 319.915
4	248.461 685.481

#####

10:46:34 MONTANA MT. YUKON PROJECT

01/03/

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALU

Variable = AU

Unit = ppb

N = 796

Mean = 0.9718 Min = 0.0000 1st Quartile = 0.477
Std. Dev. = 0.7050 Max = 3.3464 Median = 0.778
CV % = 72.5429 Skewness = 0.8094 3rd Quartile = 1.361

Anti-Log Mean = 9.371 Anti-Log Std. Dev. : (-) 1.84
(+) 47.50

```
=====
%   cum %   antilog   cls int   (# of bins = 30   -   bin size =   0.115
-----
0.00  0.06    0.876   -0.0577
7.04  7.09    1.142    0.0577 *****
0.00  7.09    1.490    0.1731
0.00  7.09    1.943    0.2885
17.34 24.40    2.534    0.4039 ***** -->
11.93 36.32    3.306    0.5193 *****
7.66 43.98    4.312    0.6347 *****
3.77 47.74    5.624    0.7500 *****
5.15 52.89    7.336    0.8654 *****
2.89 55.77    9.568    0.9808 *****
4.77 60.54   12.480    1.0962 *****
2.01 62.55   16.278    1.2116 *****
10.80 73.34   21.233    1.3270 *****
3.39 76.73   27.694    1.4424 *****
2.51 79.23   36.123    1.5578 *****
4.02 83.25   47.117    1.6732 *****
4.27 87.52   61.457    1.7886 *****
2.39 89.90   80.160    1.9040 *****
1.76 91.66  104.556    2.0194 *****
1.01 92.66  136.377    2.1347 ***
1.38 94.04  177.883    2.2501 ****
0.50 94.54  232.020    2.3655 *
1.26 95.80  302.633    2.4809 ****
0.75 96.55  394.737    2.5963 **
1.01 97.55  514.873    2.7117 ***
0.88 98.43  671.570    2.8271 **
0.75 99.18  875.957    2.9425 **
0.25 99.44 1142.548    3.0579 *
0.25 99.69 1490.273    3.1733 *
0.13 99.81 1943.825    3.2887
0.13 99.94 2535.413    3.4040
-----
```

0 1 2 3

Each "*" represents approximately 2.8 observations

#####

10:49:37

01/03/80

MONTANA MT. VUKON PROJECT

LOGARITHMIC VALUES

=====

VARIABLE = AU

UNIT = ppb

N = 736

N CI = 30

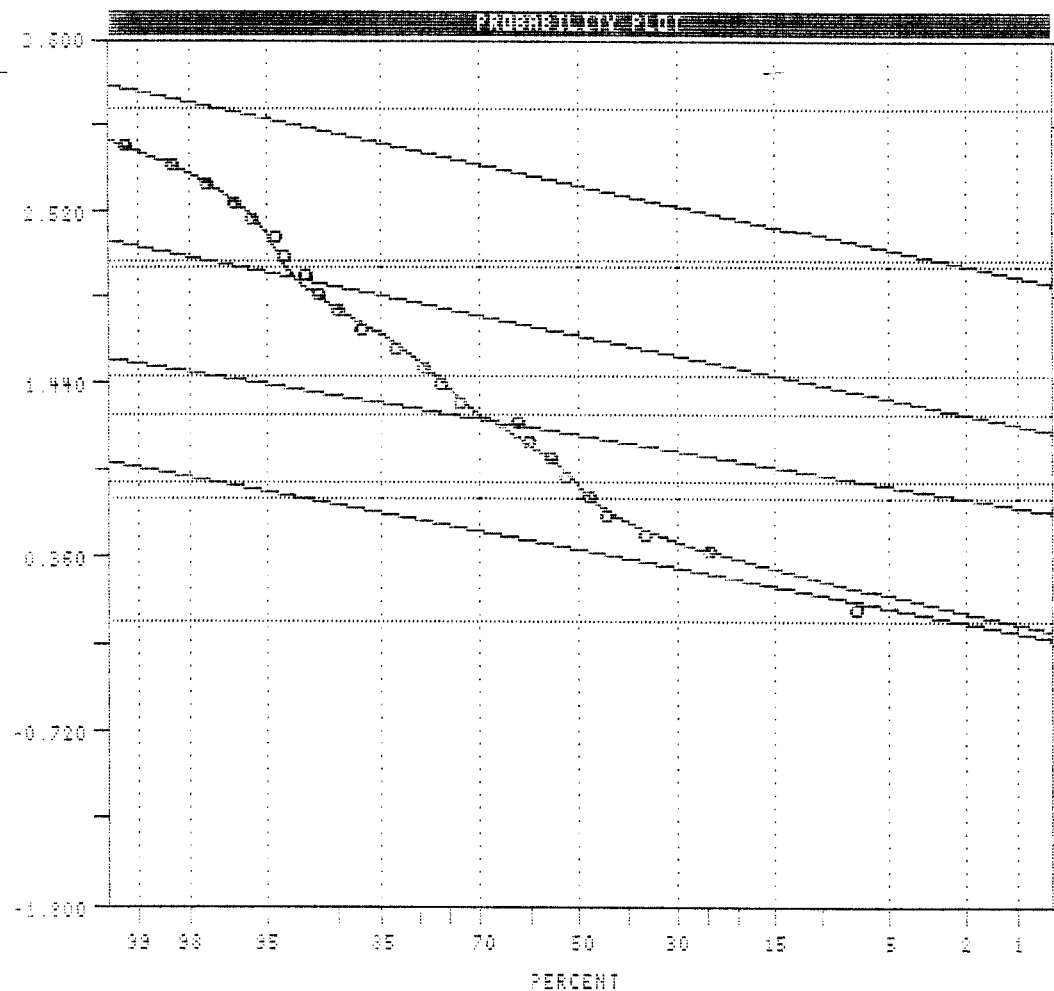
POPULATIONS

=====

Pop.	Mean	Std.Dev.	%
1	0.4022	0.2188	50.0
2	1.1098	0.1943	25.0
3	1.7369	0.2412	19.5
4	2.6752	0.2507	5.5

THRESHOLDS

Pop.	THRESHOLDS
1	-0.0354 0.8397
2	0.7211 1.4985
3	1.2544 2.2193
4	2.1737 3.1766

USERS VISUAL
PARAMETER ESTIMATES

10:51:57 MONTANA MT. YUKON PROJECT

01/03/

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = \DATA\MONTANAS.PPP

Variable = AU Unit = ppb N = 796
N CI = 30

Transform = Logarithmic Number of Populations = 4

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
-----	-----	-----	-----
1	2.525	- 1.526	50.00
		+ 4.178	
2	12.877	- 8.231	25.00
		+ 20.145	
3	54.557	- 31.305	19.50
		+ 95.080	
4	473.330	- 265.729	5.50
		+ 843.120	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
----	-----
1	0.922 6.914
2	5.262 31.515
3	17.963 165.702
4	149.181 1501.809

#####

APPENDIX IV

BURTON CONSULTING INC.

REFERENCES

- 1) Cooke, D.L., 1987, "Report on the 1986 Geochemistry and Diamond Drilling on the Montana Mountain Property...", Private Report for Univex Mining Corp., 15 pp.
- 2) MacDonald, G., 1986, "Geological Report for Anooraq Resources Corp. on the Montana Mountain Property", Private Report, 14 pp.
- 3) Roots, C.F., 1982, "Geology of the Montana Mountain Area, Yukon; M.Sc. Thesis, Carleton Univ., 127 pp.
- 4) Sinclair, A.J., 1976, "Applications of Probability Graphs in Mineral Exploration", Assoc. of Explor. Geochem., Spec. Vol. 4, 95 pp.
- 5) Templeman-Kluit, D.J., 1979, "Transported Cataclasite, Ophiolite and Granodiorite in Yukon; Evidence of Arc-Continent Collision...", GSC Paper 79-14, 27 pp.
- 6) Wheeler, J.O., 1961, Whitehorse Map Area(105D), GSC Memoir 312, 156 pp.

BURTON CONSULTING INC.