

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 90.01.17

ASSESSMENT REPORT 18236

MINING DIVISION: Omineca

PROPERTY: Yorke Hardy
LOCATION: LAT 54 49 00 LONG 127 18 00
UTM 09 6075499 609240
NTS 093L14W

CLAIM(S): Mining Lease 82-85

OPERATOR(S): Climax Molybdenum

AUTHOR(S): Davidson, D.A.

REPORT YEAR: 1989, 42 Pages

COMMODITIES

SEARCHED FOR: Gold, Silver

GEOLOGICAL

SUMMARY: Molybdenite, scheelite-powellite, wolframite, pyrite and chalcopyrite occur in quartz vein sheetings and stockworks cutting Hazelton volcanic rocks, Bowser sedimentary rocks and younger (67 my) intermediate to acidic intrusive rocks. Younger phases of this intrusive complex are post mineral in age.

KEYWORDS: Molybdenite, Scheelite, Powellite, Wolframite, Pyrite, Chalcopyrite
Quartz Veins, Hazelton Group, Lapilli Tuff, Granodiorite, Jurassic

WORK

DONE: Geochemical

SAMP 264 sample(s) ;ME

Map(s) - 4; Scale(s) - 1:2500

MINFILE: 093L 110

LOG NO: 0119	RD.
ACTION:	
FILE NO:	

GEOCHEMISTRY REPORT
OF ALPHA GROUP CLAIMS

FILMED

54 127 N.E.

Omenica M.D. 93L/14W and 93L/14E

by

D. A. Davidson P.Eng.

for

Climax Molybdenum Corporation of British Columbia Ltd.

January 10, 1989

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

18,236

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
PHYSIOGRAPHIC AND GEOLOGIC SETTING	3
PHYSIOGRAPHY	3
GEOLOGY	4
1. ROCK TYPES	4
2. MINERALIZATION	6
GEOCHEMISTRY	7
DESCRIPTION OF THE STUDY AREA	7
SAMPLE COLLECTION AND PREPARATION	7
LABORATORY ANALYSIS	8
STATISTICAL CONSIDERATIONS	8
CONCLUSIONS	11
CERTIFICATE	12

LIST OF ILLUSTRATIONS

		PAGE
FIGURE 1	MAP SHOWING LOCATION OF ALPHA GROUP AND STUDY AREA 1:50,000	2
FIGURE 2	FREQUENCY DIAGRAM FOR Au.	9
FIGURE 3	CUMULATIVE % GREATER THAN DIAGRAM FOR Au IN DRILL HOLE STUDY AND EARLIER SURFACE WORK.	10
	PLAN SHOWING LOCATION OF STUDY DRILL HOLES 1" = 200'	MAP IN POCKET
	SECTIONS 17,200N, 17,600N, 18,000N AND 18,400N. DRILL HOLES AND GENERALIZED GEOLOGY. 1" = 200'	MAPS IN POCKET

APPENDICES

- I LISTING OF MINERAL TITLES IN THE ALPHA GROUP
- II LISTING OF ANALYTICAL RESULTS
- III STATEMENT OF PROJECT COSTS

INTRODUCTION

The ALPHA Group of Mineral Claims is on the eastern flank of Hudson Bay Mountain approximately three miles northwest of Smithers, BC. (Fig. 1). This group is on the southeast side of a large block of claims and mineral leases held by Climax Molybdenum Corporation of British Columbia Limited.

This Company has explored a large molybdenum deposit, and over 9000 feet of tunneling and 175,000 feet of diamond drilling have been completed to date.

Geological studies on the mountain suggest that mineralogical zoning in vein systems is well developed. The molybdenum deposit is located in the high temperature core of this zonal arrangement. It is surrounded by a concentric arsenic - zinc - gold zone, which in turn is surrounded by an outer zone characterized by arsenic - zinc - lead and silver.

An earlier surface study tested the suitability of rock geochemistry as an exploration tool in the intermediate zone. The limited results suggested that further work was warranted.

The present study was designed to test possible low grade occurrences of precious metals above the intrusives in the high temperature core. Here, as in all the mineralogical zones, pyrite is present in pervasive stockworks of veinlets and fractures of many ages (relative to Mo-WO₃ mineralization).

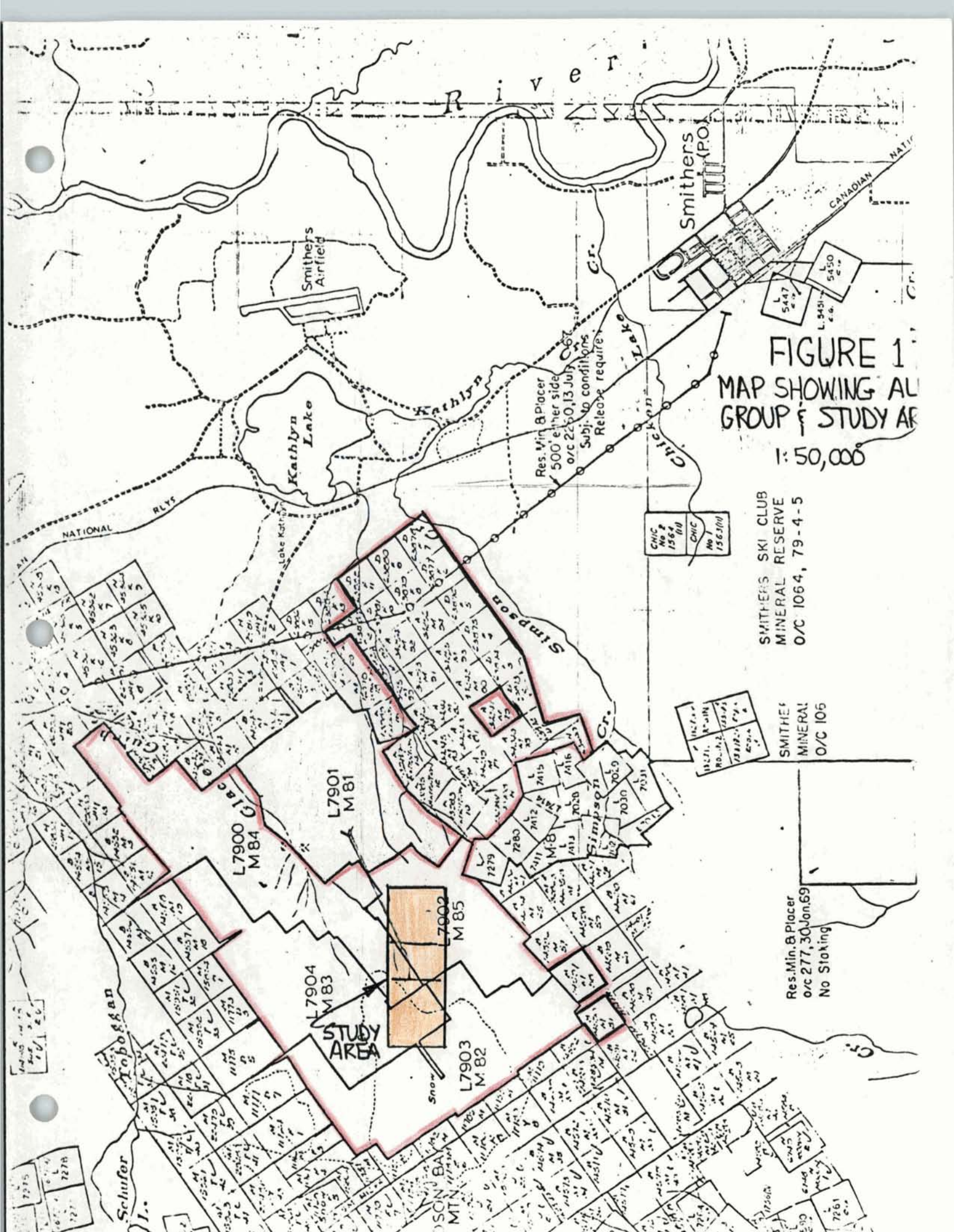


FIGURE 1
 MAP SHOWING ALL
 GROUP & STUDY AREA
 1:50,000

SMITHERS SKI CLUB
 MINERAL RESERVE
 O/C 1064, 79-4-5

SMITHERS
 MINERAL
 O/C 105

Res. Min. & Placer
 o/c 277, 30 Jan. 69
 No Staking

CHIC No. 2
 1564
 600
 CHIC No. 1
 1563/101

Res. Min. & Placer
 500 either side
 o/c 225, 0.13 July
 Subj. to conditions
 Release requires

STUDY AREA

L7900
 M 84
 Glaciers

L7901
 M 81

L7904
 M 83

L7903
 M 82

7002
 M 85

Simpson

Simpson

Smithers
 (P.O.)

River

Smithers
 Airfield

Kathryn
 Lake

NATIONAL
 RLYS

CANADIAN
 NATIF

CHIC
 K.V. 77

Schulfer

SON
 BAY
 MTN

Cr.

7275
 7274
 7273

7261
 7260
 7259

7258
 7257
 7256

7255
 7254
 7253

7252
 7251
 7250

7249
 7248
 7247

7246
 7245
 7244

7243
 7242
 7241

7240
 7239
 7238

7237
 7236
 7235

7234
 7233
 7232

7231
 7230
 7229

7228
 7227
 7226

7225
 7224
 7223

7222
 7221
 7220

7219
 7218
 7217

7216
 7215
 7214

7213
 7212
 7211

PHYSIOGRAPHIC AND GEOLOGIC SETTING

PHYSIOGRAPHY

The area of interest is near the northwestern edge of the Nechako Plateau (a sub-division of the Interior Plateau), and is about 40 miles east of the Coast Mountains. Hudson Bay Mountain is a prominent feature of the Hudson Bay Range, an isolated group of rugged mountains about 200 square miles in area. The elevations of peaks exceed 8600 feet above sea level. Slopes below 6000 feet have been modified by continental glaciation. The range is isolated by broad "U"-shaped valleys whose floors range from 1000 to 3000 feet in elevation.

Relief on the eastern flank of the Hudson Bay Range is marked. The mountain rises sharply from the Broad "U"-shaped valley of the Bulkley River at approximately 1650 to 1700 feet above sea level. Peaks in excess of 8600 feet exist slightly more than two miles west of the 2000 foot elevation near the edge of the valley. Slopes may exceed 30 degrees above the 3500 foot elevation.

The Hudson Bay Range is drained by a series of steep, incised streams. Alluvial fans are developed by some of the larger streams near the change of slope near the 2000 foot elevation. Most streams are capable of the mechanical transport of large particles. Individual channels are

charged with sub-rounded to angular material up to one foot in diameter.

Climate in the Smithers area is described as semi-arid in government publications. Average annual precipitation is less than 20 inches. However, deep snow build-up on the mountains can result in heavy spring runoff.

Timberline on the Hudson Bay Range occurs near the 4500 foot elevation. Below this, the slopes and valley floor are well forested with one or more of hemlock, spruce, balsam, poplar, jack pine, cottonwood and alder.

GEOLOGY

1. ROCK TYPES

Most of the rocks exposed on the Hudson Bay Range are a bedded sequence of Hazelton volcanic rocks of intermediate composition. Small, irregular felsitic intrusions and a large, lenticular rhyolite sill occur within the pyroclastic pile. These rocks are considered to be Jurassic in age.

Continental and marine clastic sedimentary rocks of the Bowser Group unconformably overlie the volcanic strata on the eastern flank of the Hudson Bay Range. Grey to black greywacke, siltstone argillaceous quartzite and argillite are the dominant rock types in the group. These rocks are Upper Jurassic to Lower - Cretaceous in age. Somewhat similar rocks outcrop in a few localities in the valley floor,

however, their relationship to the Bowser Group rocks has yet to be established.

Small amounts of granodiorite - quartz monzonite outcrop in the northern half of the Hudson Bay Range. These rocks appear to be of the same age as a tabular mass of granodiorite aplite that has been encountered below the surface on Hudson Bay Mountain. The age of these rocks has been designated by government geologists as Jurassic - Cretaceous (?).

A small steep sided plug of quartz porphyry intrudes the volcanic rocks and the lower portion of the granodiorite below the underground workings on Hudson Bay Mountain. This rock is mostly of pre-mineral age, but some breccia and texturally and compositionally related dykes exhibit an intermineral relationship. (See sections in pocket).

A large buried stock of porphyritic (feldspar) quartz monzonite truncates the small quartz porphyry plug and the related intermineral phases. This stock appears to form the core of Hudson Bay Mountain, and is believed to be the source of a sub-radial dyke swarm. Relatively late intermineral relationships are exhibited by this unit, which has been dated as Tertiary by the G.S.C. (K/Ar dating of 67 ± 5 m.y.).

MINERALIZATION

Mineral deposits on Hudson Bay Mountain exhibit a crude mineralogical arrangement in concentric zones, centered by silica - molybdenum - tungsten - copper mineralization. This zone is successively surrounded by the Quartz Vein Zone (1 1/2 x 2 miles in area), the Pyritic Zone (2 1/2 x 4 miles in area, which includes the Quartz Vein Zone), and the Base Metal Zone comprising numerous small vein and replacement deposits distributed over several square miles. The Base Metal Zone has been subdivided into an inner zinc -gold - copper - arsenic zone, and an outer lead - silver -copper-arsenic zone.

The Hudson Bay Mountain molybdenum deposit lies in the central portion of the above zonal arrangement. Here, molybdenite-bearing veins and fractures occur over a vertical interval of 7000 feet. These veins overlap and grade outward into pyrite-quartz veins, pyrite veins, and pyrite and iron oxide coated fractures spaced 6 inches to 1 foot apart in the Pyritic Zone. Mineralogy, texture and relative ages of the veins and fractures are complex.

Molybdenite, and lesser amounts of scheelite-powellite and chalcopyrite, are the minerals of chief economic interest in the high temperature core. Other metallic minerals in the stockwork include abundant pyrite, pyrrhotite and magnetite, and minor to rare amounts of wolframite,

arsenopyrite, galena, sphalerite, bismuthinite and native arsenic. The predominant gangue mineral is quartz, and it may be accompanied by minor amounts of one or more of the following: carbonate, potash feldspar, sericite-muscovite, chlorite, biotite, amphibole, fluorite, and gypsum.

GEOCHEMISTRY

DESCRIPTION OF THE STUDY AREA

The present study was undertaken to test for the possible occurrence and zonation of precious metals in the pervasive quartz-pyrite stockworks in the high temperature core above the buried intrusives.

Samples were taken from seven drill holes totaling about 13,200 feet. These holes tested a block bounded by mine coordinates 17,000N to 18,600N and 14,000E to 18,000E, and over a vertical range from 1412 feet to 5645 feet. All major petrographic units in the block were tested by these holes. (see plan and sections in pocket).

SAMPLE COLLECTION AND PREPARATION

Minus 35 mesh pulps were removed from the drill hole pulp file. Each pulp constituted an even ten foot drill hole interval. For this preliminary study, the 10 foot pulps were composited into 50 foot samples. A total of 264 of these composites were analyzed for 32 elements.

LABORATORY ANALYSIS

Analyses were done by Min-En Laboratories Ltd. in North Vancouver, BC. A 31 element ICP was performed. Gold was determined by fire assay. Results of the determinations are given in the Appendix.

STATISTICAL CONSIDERATIONS

Limited work on the surface in the zinc - gold - copper - arsenic zone has shown much higher gold values than those obtained in the present study. A frequency diagram of surface values is positively skewed and bimodal, with well defined peaks at 15 to 20 ppb and 160 ppb. Mean value of 47 determinations is 170 ppb.

On the present study, the frequency diagram (Fig. 2) is positively skewed and unimodal with a mode of 1.5 ppb.

The mode is arbitrarily taken as the local background value. Using the law of log normal distribution, the threshold or minimum concentration level of prospecting significance is defined as twice background. Weak, moderate, and strongly anomalous values are taken as 2 to 4, 4 to 8, and 8 to 16 times background respectively. Extremely anomalous values exceed 16 times background. These values are colour coded on the holes used in the present study (sections in pocket).

FIGURE 2

FREQUENCY
DIAGRAM FOR Au
264 SAMPLES IN
MINE BLOCK

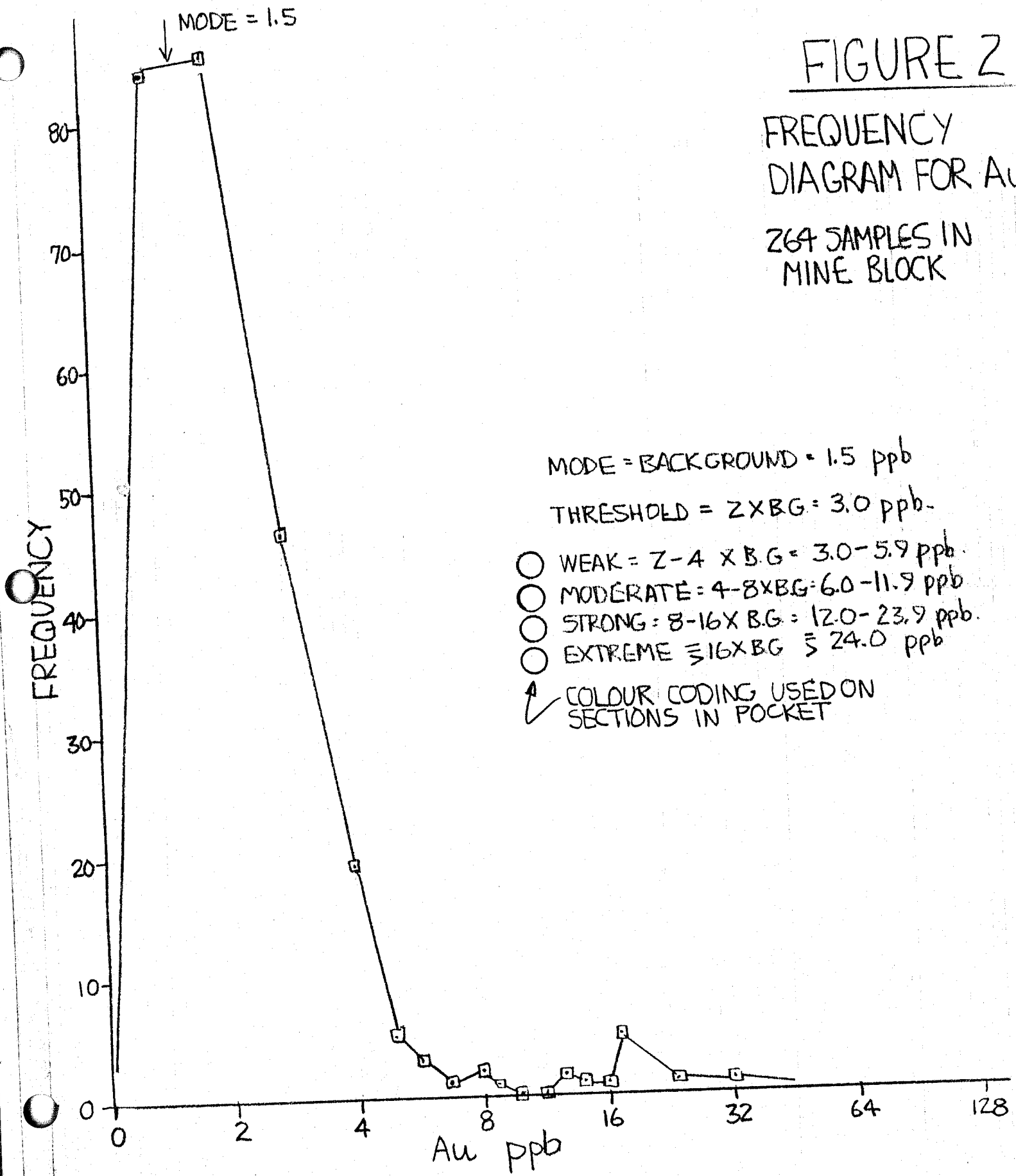


FIGURE 3

GRAPH SHOWING CUMULATIVE
% GREATER THAN FOR SURFACE
TRAVERSE & MINE BLOCK STUDY

- △ SURFACE n=47
- MINE BLOCK n=264

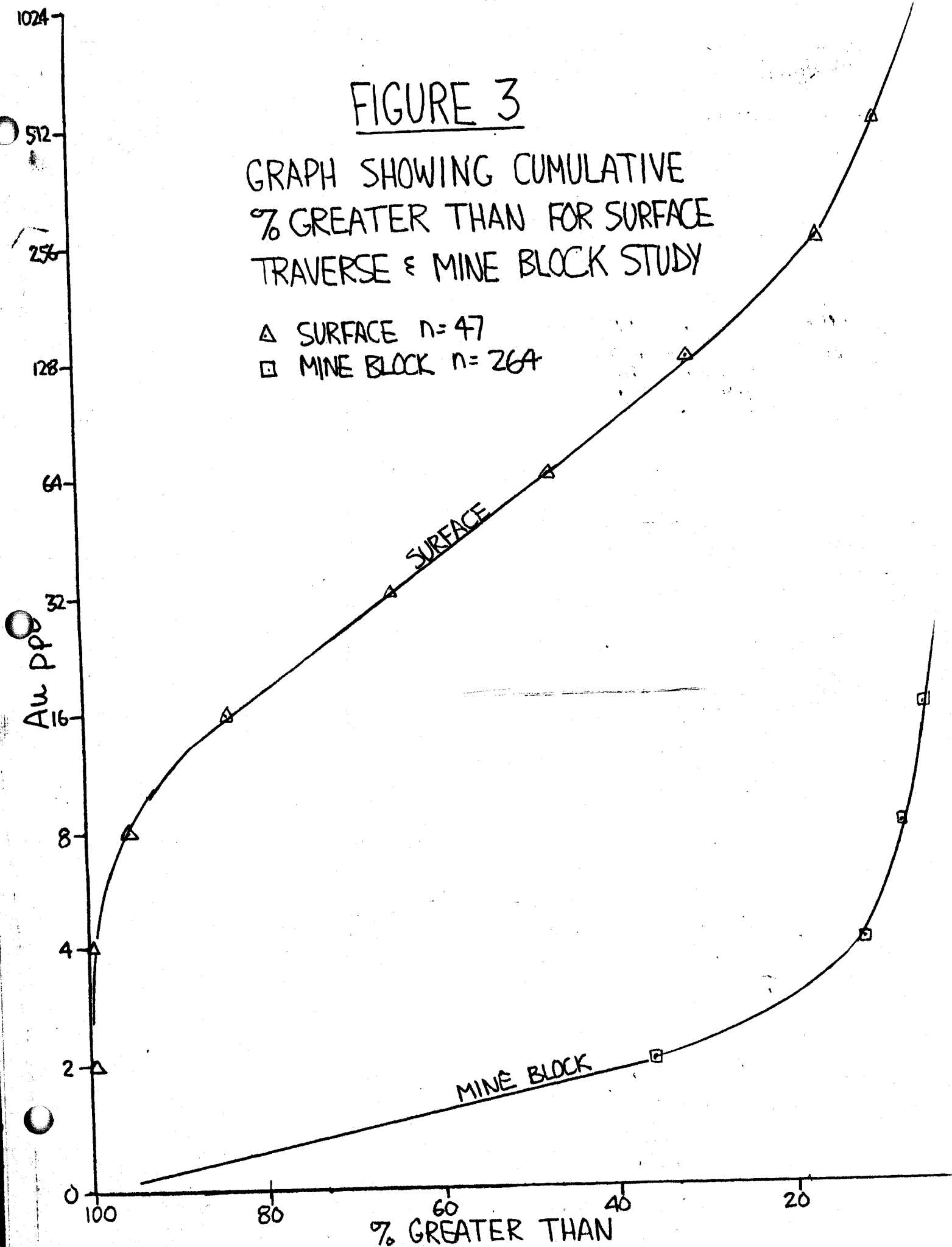


Figure 3 shows the relationship of cumulative percentages of values "greater than" for data in the present study and of rock geochemistry from the earlier surface work.

In the surface work, arsenic, antimony, and to some extent cadmium, cobalt and copper appear to be excellent pathfinder elements relative to gold. No statistical work was done in the present study as this relationship did not hold in the high temperature core. Probably this was due to the fact that gold was essentially absent.

CONCLUSIONS

Geochemical gold values within the study area are very low. Anomalous values based on a very low statistical background do not appear to have any lithological control. The best concentration of higher although erratic values appear to be in the northwest corner of the study block at higher elevations (holes 38 and 43 on section 18,400N).

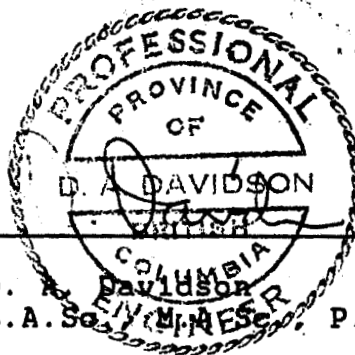
No zone of significant low grade gold values exists in the pyritic stockworks in the study block above the buried intrusives.

Further rock geochemical surveys on surface peripheral to the high temperature core are recommended for future studies.

CERTIFICATE

I, Donald A. Davidson of Smithers, BC do certify that:

1. I am a geological engineer.
2. I am a graduate of the University of British Columbia B.A.Sc. 1957, M.A.Sc. 1960.
3. I am a registered Professional Engineer in the Province of British Columbia.
4. From 1954 to the present I have been involved in mining and mining exploration activities.



D. A. Davidson
B.A.Sc. M.A.Sc. P.Eng.

APPENDIX I

LISTING OF MINERAL TITLES IN ALPHA GROUP

	RECORD NO.
MINING LEASE M-82/85 INCLUSIVE	
M-76/78	34238/40
M-80/84	34242/46
M-89	34251
M-91/94	34253/56
M-51	14590
M-58	14597
F-1/12	63872/83
N-31 Fr.	40708
EXTENSION 10, 12, 14	13983, 85, 87
F-2 Fr.	63600
LIZ Fr.	23278

APPENDIX II

COMPANY: CLIMAX
 PROJECT NO:
 ATTENTION: D. DAVIDSON

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 3
 FILE NO: 81-202P/P1
 DATE: DECEMBER 20, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DDH220000-0050	.8	7580	30	8	44	.9	7	5460	.6	14	223	19260
DDH220050-0100	.7	6690	25	8	30	.8	8	5540	.3	13	201	17910
DDH220100-0150	.8	7660	24	8	22	.8	7	6400	.5	14	220	19810
DDH220150-0200	1.4	17980	14	13	33	1.1	11	15130	1.4	18	367	31740
DDH220200-0250	.7	6280	39	8	41	.9	5	6690	.8	13	230	15900
DDH220250-0300	1.0	6270	27	10	35	.9	7	7010	.3	15	290	19510
DDH220300-0350	1.0	10510	16	9	56	.9	8	6620	.2	14	121	18820
DDH220350-0400	.9	11520	14	9	41	.9	8	10300	.3	16	150	24740
DDH220400-0450	1.0	12430	13	11	29	.9	10	9260	.2	16	323	26090
DDH220450-0500	.9	6980	26	13	23	.9	6	5100	.7	13	91	14350
DDH220500-0550	1.0	6260	22	8	23	.7	8	3880	.1	14	83	14440
DDH220550-0600	.7	14000	8	14	127	1.3	11	7810	1.3	23	114	52520
DDH220600-0650	.7	6550	18	10	51	1.0	9	4860	.9	16	120	27190
DDH220650-0700	.5	3290	55	16	35	.8	3	6450	.9	13	141	12500
DDH220700-0750	.9	3690	64	21	46	.8	5	5940	.8	14	231	16210
DDH220750-0800	1.1	3440	68	20	51	.8	5	4710	.6	16	195	16510
DDH220800-0850	.8	4780	51	20	65	1.0	8	7110	.7	14	148	18110
DDH220850-0900	1.2	7460	17	14	65	1.1	12	4700	1.0	16	134	40500
DDH220900-0950	.6	4840	31	12	87	.8	7	6190	.6	13	170	20900
DDH220950-1000	.8	4580	52	11	27	.9	4	9170	.2	13	242	16370
DDH221000-1050	.8	5790	40	10	69	1.0	5	11380	.1	12	211	14210
DDH221050-1100	.7	16940	21	49	177	1.8	14	13310	1.8	28	245	63360
DDH221100-1150	1.1	14110	9	21	123	1.5	11	8630	.8	21	221	39660
DDH221150-1200	1.1	6330	46	13	100	1.0	5	6460	.1	14	298	20840
DDH221200-1250	.9	6290	37	10	139	1.2	4	7490	.2	14	372	20440
DDH221250-1300	.8	5440	51	15	152	.9	4	9140	.9	13	264	16230
DDH221300-1350	.9	5830	45	15	137	1.2	5	9950	.9	14	363	21080
DDH221350-1400	1.0	4740	47	11	135	1.1	6	10170	.6	14	325	19290
DDH221400-1450	1.0	4680	50	14	143	1.1	4	8980	.9	14	457	20950
DDH221450-1500	.8	5080	41	10	93	1.0	5	6080	.8	13	287	22380

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 2 OF 3

PROJECT NO:

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

FILE NO: 81-202P/P1

ATTENTION: D. DAVIDSON

(604)980-5814 OR (604)988-4524 * TYPE PULP GEOCHEM * DATE: DECEMBER 20, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DDH220000-0050	2530	15	5710	353	105	820	24	390	40	3	9	1
DDH220050-0100	1800	13	4630	334	91	750	23	400	30	3	10	1
DDH220100-0150	2400	14	5830	338	62	660	20	500	19	1	10	1
DDH220150-0200	5490	19	9790	539	175	1570	15	1380	20	1	27	1
DDH220200-0250	2630	12	5080	374	99	630	25	410	16	1	9	1
DDH220250-0300	1980	13	4730	417	235	640	23	420	14	2	9	1
DDH220300-0350	4050	17	8380	468	231	980	21	420	14	1	14	1
DDH220350-0400	3230	22	9370	481	110	670	22	690	16	1	13	1
DDH220400-0450	3640	18	7750	427	230	1210	19	640	16	1	14	1
DDH220450-0500	2850	16	6180	376	579	810	20	510	14	1	10	1
DDH220500-0550	3100	15	6440	411	255	700	22	410	14	1	8	1
DDH220550-0600	8280	26	14420	893	409	1070	13	620	27	7	14	1
DDH220600-0650	3630	15	5650	543	230	810	22	480	20	2	9	1
DDH220650-0700	1400	7	2550	394	631	690	28	180	30	4	8	1
DDH220700-0750	1620	7	2430	377	1121	770	23	220	13	2	10	1
DDH220750-0800	1570	7	3380	368	1150	630	25	210	19	1	9	1
DDH220800-0850	2010	10	3460	420	979	660	19	300	17	2	9	1
DDH220850-0900	4260	20	7460	749	609	640	8	740	24	42	9	1
DDH220900-0950	2170	14	4320	520	396	510	14	330	15	1	8	1
DDH220950-1000	1430	10	2840	340	422	510	18	260	21	2	8	1
DDH221000-1050	2320	13	4720	322	303	420	14	410	35	8	8	1
DDH221050-1100	12170	33	19410	1470	786	710	3	880	17	7	11	2
DDH221100-1150	8320	32	15100	822	870	970	13	910	13	3	10	1
DDH221150-1200	2240	16	5560	365	557	450	16	380	19	2	12	1
DDH221200-1250	2360	15	5870	325	245	470	18	470	16	1	15	1
DDH221250-1300	1850	9	3570	366	621	560	16	320	17	1	15	1
DDH221300-1350	1970	11	3180	385	660	510	11	310	17	2	11	1
DDH221350-1400	2000	10	3170	432	462	430	15	350	18	3	10	1
DDH221400-1450	1940	10	3600	421	512	450	16	330	17	6	11	1
DDH221450-1500	1610	13	3400	350	244	500	15	310	16	1	10	1

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 3 OF 3

PROJECT NO:

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

FILE NO: 81-202P/P1

ATTENTION: D.DAVIDSON

(604)980-5814 OR (604)988-4524 # TYPE PULP GEOCHEM # DATE: DECEMBER 20, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DDH220000-0050	1	43.1	38	1	3	2	332	2
DDH220050-0100	1	42.1	43	1	3	2	336	3
DDH220100-0150	1	44.1	38	1	1	2	288	5
DDH220150-0200	1	103.0	44	1	4	2	242	2
DDH220200-0250	1	38.0	32	1	1	2	357	4
DDH220250-0300	1	46.1	33	1	1	3	376	2
DDH220300-0350	1	60.9	34	1	2	2	248	1
DDH220350-0400	1	66.5	39	1	2	2	248	18
DDH220400-0450	1	73.0	37	1	3	2	257	2
DDH220450-0500	1	42.4	37	2	2	2	274	4
DDH220500-0550	1	41.9	57	1	2	2	277	2
DDH220550-0600	1	173.7	59	1	4	1	139	1
DDH220600-0650	1	69.4	40	1	2	2	348	3
DDH220650-0700	1	27.9	29	2	3	3	523	2
DDH220700-0750	1	34.4	27	4	2	4	589	4
DDH220750-0800	1	38.5	34	4	2	4	594	2
DDH220800-0850	1	44.3	34	3	3	4	486	1
DDH220850-0900	1	82.9	53	1	4	2	219	1
DDH220900-0950	1	42.8	39	1	2	3	386	2
DDH220950-1000	1	32.6	32	2	2	4	484	1
DDH221000-1050	1	35.1	29	1	3	4	394	2
DDH221050-1100	1	244.2	79	1	6	3	265	1
DDH221100-1150	1	102.7	54	1	5	4	319	2
DDH221150-1200	1	38.9	35	1	3	3	372	2
DDH221200-1250	1	45.0	34	1	1	4	430	3
DDH221250-1300	1	31.6	30	3	1	3	414	18
DDH221300-1350	1	33.6	30	3	2	5	407	2
DDH221350-1400	1	33.1	32	2	1	5	439	4
DDH221400-1450	1	33.0	37	1	1	5	436	2
DDH221450-1500	1	36.8	34	1	1	4	396	3

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 3

PROJECT NO: -

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

FILE NO: B1-196/P1+2

ATTENTION: D. DAVIDSON

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

DATE: DECEMBER 17, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
EP380000-0050	.7	9760	4	21	41	.8	6	4970	.8	13	346	33390
EP380050-0100	.9	12060	1	25	58	.8	16	6060	.5	13	522	32800
EP380100-0150	.9	15420	8	18	94	.9	14	8440	1.0	20	433	46690
EP380150-0200	.8	12450	8	18	31	.6	16	10380	.5	17	284	51650
EP380200-0250	.5	8370	13	21	30	1.1	7	7980	1.4	15	218	38370
EP380250-0300	.6	10330	2	19	71	1.0	13	7730	.6	13	176	31560
EP380300-0350	1.0	12900	18	28	49	.9	25	9440	.7	20	528	52460
EP380350-0400	.7	9340	208	30	21	1.0	51	11830	2.1	18	918	54340
EP380400-0450	1.7	13840	5	18	54	1.2	46	7040	1.0	17	1752	45660
EP380450-0500	.8	8070	10	16	51	.7	9	3910	.4	11	421	26260
EP380500-0550	1.9	7580	25	20	28	1.0	4	5670	.8	12	1632	28700
EP380550-0600	.9	7540	8	17	32	.9	8	4500	.3	12	592	27550
EP380600-0650	.6	5960	28	30	20	.8	7	5520	.2	11	329	24980
EP380650-0700	1.6	9410	87	17	49	.9	8	9980	.1	12	613	31000
EP380700-0750	1.0	11470	11	20	42	.9	10	7260	.7	18	696	38900
EP380750-0800	.8	13120	23	28	50	1.3	15	11370	1.7	24	488	53980
EP380800-0850	1.1	8260	43	34	51	1.4	6	11370	1.1	12	1000	34810
EP380850-0900	1.5	4880	65	26	154	1.0	4	8010	.3	16	1266	26450
EP380900-0950	1.6	6850	75	22	106	1.2	8	8620	.6	12	1056	35560
EP380950-1000	1.1	8760	26	26	65	1.5	7	11910	1.3	14	875	36960
EP381000-1050	1.1	7150	31	29	39	1.1	8	10300	.9	12	906	28760
EP381050-1100	1.4	8580	22	20	23	1.2	10	10260	.9	13	646	29810
EP381100-1150	1.2	7040	35	21	53	1.2	7	8270	.6	13	738	30160
EP381150-1200	.8	4510	57	16	94	1.3	6	10330	.2	11	565	32090
EP381200-1250	.6	3600	33	19	50	.8	6	10500	.2	9	563	26670
EP381250-1300	.3	5140	30	17	107	1.1	5	8580	.6	10	559	34070
EP381300-1350	.8	9050	31	23	59	1.2	8	7950	.8	15	393	36400
EP381350-1400	1.0	9020	3	18	23	.9	12	7200	1.2	14	402	31790
EP381400-1450	1.1	10670	7	15	35	1.3	8	6630	1.2	14	422	30830
EP381450-1500	.4	6400	33	12	9	.9	7	5590	.5	10	185	27210
EP381500-1550	.7	8770	9	12	32	1.1	8	6150	.3	12	203	27970
EP381550-1600	.8	7900	13	14	16	1.2	10	8120	.5	13	134	28410
EP381600-1650	.6	5570	26	13	23	1.2	5	6840	.6	10	172	24460
EP381650-1700	.5	6120	19	11	26	1.1	8	6950	.5	10	79	23750
EP381700-1750	.6	5760	28	12	22	.8	6	4990	.8	10	130	35530
EP381750-1800	.7	6760	18	13	23	.9	9	5280	.6	11	120	30990
EP38180-1850	.6	6070	23	12	29	.9	8	5710	.2	10	139	26980
EP381850-1900	.6	8850	14	12	48	1.0	9	7100	1.0	12	95	30220
EP381900-1950	.7	6030	28	13	22	.8	8	5020	.1	10	224	25430
EP381950-2000	.8	6480	14	13	22	.7	11	6720	.1	12	161	24190
EP382000-2050	.5	5190	17	11	20	.6	9	5210	.1	10	107	23710
EP382050-2100	.5	5410	22	11	16	.8	8	5100	.4	10	100	27470
EP382100-2150	.7	7200	13	11	14	.9	9	7640	1.1	11	216	30270
EP382150-2200	.6	6580	17	12	18	1.0	9	6630	1.0	10	88	25230
EP382200-2250	.5	5250	19	12	15	.6	9	4620	.1	9	95	21400
EP382250-2300	.5	5380	24	13	15	.6	8	4650	.5	10	219	24210
EP382300-2350	.8	6890	15	10	18	.5	10	5290	.6	11	263	30260
EP382350-2400	.6	14690	127	16	78	.9	9	3890	1.5	21	351	52560
EP382400-2450	1.1	11340	27	15	78	.7	22	9310	1.2	30	179	78560
EP382450-2500	1.3	6520	13	12	52	.6	18	7960	.9	24	110	67350
EP382500-2550	1.2	6250	1	13	40	.7	19	9750	1.5	24	144	73690
EP382550-2600	1.3	8610	1	15	58	.6	19	8790	.8	24	198	66930
EP382600-2650	1.2	8530	6	13	55	.7	19	7720	.6	24	125	67850
EP382650-2700	1.0	6820	7	21	40	.5	19	9770	1.0	23	168	73140
EP382700-2750	1.2	5320	7	13	26	.4	19	8690	.8	22	116	67350
EP382750-2800	1.1	5350	10	14	31	.7	15	7340	1.0	19	105	57820
EP382800-2850	1.1	4250	15	15	13	.5	14	8470	.8	20	100	74690
EP382850-2900	.7	4070	1	15	10	.8	12	6180	.8	16	127	58190
EP382900-2950	.7	3940	51	12	18	.3	10	7760	1.6	16	175	73020
EP382950-3000	.2	2780	1	12	13	.4	9	6740	1.7	17	117	80260

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 2 OF 3

PROJECT NO:

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

FILE NO: 81-196/P1+2

ATTENTION: D. DAVIDSON

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

DATE: DECEMBER 17, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
EP380000-0050	3870	21	7170	542	799	1180	19	480	30	1	9	1
EP380050-0100	5360	22	9000	691	1085	1000	15	700	17	1	12	1
EP380100-0150	8580	23	12290	916	451	1250	11	1300	22	1	15	1
EP380150-0200	6390	23	11230	963	431	1070	8	1140	19	1	15	1
EP380200-0250	3400	18	7870	707	638	1020	15	630	21	1	11	1
EP380250-0300	5010	20	9810	701	578	1040	17	630	25	1	11	1
EP380300-0350	6990	23	11590	899	1102	1280	7	1280	17	1	12	1
EP380350-0400	3640	20	8360	522	1377	920	11	820	22	3	9	1
EP380400-0450	8070	27	13790	554	427	1000	10	1250	29	1	12	1
EP380450-0500	3940	19	6890	427	539	730	13	420	21	1	9	1
EP380500-0550	3060	17	6230	416	762	980	17	460	24	1	9	1
EP380550-0600	3150	19	6950	503	488	830	13	500	22	1	9	1
EP380600-0650	2040	15	4690	498	1588	840	18	380	19	1	9	1
EP380650-0700	4610	17	8050	802	374	940	18	710	35	32	14	1
EP380700-0750	6620	24	11600	957	700	830	12	630	22	1	9	1
EP380750-0800	6600	22	11650	1416	1179	1230	9	690	20	1	10	1
EP380800-0850	2560	13	3530	631	1644	810	17	370	28	5	16	1
EP380850-0900	2770	7	1990	427	1064	560	11	250	24	2	13	1
EP380900-0950	2850	12	4240	549	733	690	13	420	21	10	13	1
EP380950-1000	2440	13	4160	760	933	850	12	500	25	4	14	1
EP381000-1050	2030	14	4260	581	1305	720	11	560	18	8	11	1
EP381050-1100	1460	16	4620	650	588	970	9	760	21	1	12	1
EP381100-1150	2040	13	3310	462	649	750	11	500	25	2	11	1
EP381150-1200	2100	8	1430	430	351	620	14	220	20	3	15	1
EP381200-1250	2000	6	1130	362	687	620	13	250	25	3	12	1
EP381250-1300	3140	8	3100	546	466	660	29	180	20	1	12	1
EP381300-1350	4340	21	6810	694	771	640	14	560	20	7	13	1
EP381350-1400	4610	23	8880	924	589	1000	12	970	21	1	10	1
EP381400-1450	5390	26	9870	764	286	1000	21	600	20	1	11	1
EP381450-1500	1340	15	4010	495	146	910	12	500	19	1	10	1
EP381500-1550	3910	25	7060	580	205	700	12	480	17	2	10	1
EP381550-1600	2540	17	6240	691	321	1050	13	730	17	1	9	1
EP381600-1650	1340	13	3000	360	213	690	8	340	20	6	9	1
EP381650-1700	2110	15	4300	533	154	850	16	560	22	1	10	1
EP381700-1750	1470	15	3470	446	185	790	14	360	15	2	10	1
EP381750-1800	2220	18	4950	508	248	800	11	510	17	1	11	1
EP38180-1850	1420	14	3670	522	260	830	13	410	15	1	13	1
EP381850-1900	3060	17	6680	725	203	1030	21	490	21	2	13	1
EP381900-1950	1710	16	3710	394	256	790	12	400	22	1	10	1
EP381950-2000	1920	17	5310	568	348	980	13	550	14	1	9	1
EP382000-2050	1340	13	3160	455	195	710	12	370	22	1	11	1
EP382050-2100	1560	12	3430	489	223	880	15	360	18	1	9	1
EP382100-2150	1870	16	4830	611	159	930	15	500	15	1	11	1
EP382150-2200	1470	14	3780	461	164	800	13	440	17	1	11	1
EP382200-2250	1310	12	3270	403	361	710	14	340	44	6	10	1
EP382250-2300	1640	13	3880	481	248	880	18	340	19	1	9	1
EP382300-2350	3220	15	6840	672	172	950	21	530	24	1	9	1
EP382350-2400	10050	20	11990	857	204	950	23	430	18	1	9	1
EP382400-2450	8790	21	13420	1754	367	910	4	1410	38	2	9	1
EP382450-2500	4280	14	7130	1353	246	860	3	1120	18	1	8	1
EP382500-2550	3230	13	6170	1378	258	890	1	1270	19	1	7	1
EP382550-2600	6000	15	9640	1403	402	860	2	1230	23	1	8	1
EP382600-2650	6570	14	9780	1428	290	690	1	1240	23	1	8	1
EP382650-2700	4150	12	7280	1337	878	770	3	1330	24	1	8	1
EP382700-2750	2840	12	5370	1137	317	650	3	1330	22	1	7	1
EP382750-2800	3060	14	5310	990	420	570	1	1150	22	1	7	1
EP382800-2850	2150	12	3720	1141	416	530	1	1400	20	1	7	1
EP382850-2900	2000	15	3160	877	449	450	3	1090	14	1	7	1
EP382900-2950	1850	12	2970	1128	181	490	2	1410	26	1	7	1
EP382950-3000	1260	10	2160	1247	191	420	2	1480	16	1	8	1

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 3 OF 3

PROJECT NO:

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

FILE NO: 81-196/P1+2

ATTENTION: D. DAVIDSON

(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE: DECEMBER 17, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
EP380000-0050	1	45.5	278	1	1	2	132	2
EP380050-0100	1	59.7	112	1	1	2	95	4
EP380100-0150	1	118.0	180	1	2	1	74	10
EP380150-0200	1	99.1	63	1	3	1	84	1
EP380200-0250	1	54.2	50	1	1	3	135	16
EP380250-0300	1	82.7	50	1	1	3	135	2
EP380300-0350	1	134.7	64	1	4	1	100	1
EP380350-0400	1	70.3	47	1	2	4	125	3
EP380400-0450	1	70.2	70	1	4	3	94	4
EP380450-0500	1	38.2	94	1	1	2	124	2
EP380500-0550	1	27.9	43	1	1	2	190	8
EP380550-0600	1	33.8	42	1	1	5	116	2
EP380600-0650	1	20.9	37	5	1	3	174	1
EP380650-0700	1	26.8	62	1	1	3	171	4
EP380700-0750	1	115.0	55	1	2	5	127	2
EP380750-0800	1	186.4	66	1	5	3	143	3
EP380800-0850	1	17.1	42	6	1	9	200	1
EP380850-0900	1	15.0	26	3	1	6	190	8
EP380900-0950	1	18.3	37	2	1	7	161	5
EP380950-1000	1	20.1	41	3	1	8	171	26
EP381000-1050	1	18.1	36	4	2	13	137	14
EP381050-1100	1	18.4	37	3	1	5	134	18
EP381100-1150	1	17.9	36	3	1	7	163	6
EP381150-1200	1	15.0	29	2	1	7	194	5
EP381200-1250	1	14.5	22	3	1	6	165	2
EP381250-1300	1	18.8	24	1	1	4	219	1
EP381300-1350	1	46.3	41	1	1	9	185	2
EP381350-1400	1	66.7	45	1	2	4	160	3
EP381400-1450	1	48.3	49	1	1	4	169	1
EP381450-1500	1	25.1	30	2	1	4	113	2
EP381500-1550	1	35.1	38	1	1	2	129	2
EP381550-1600	1	47.5	39	1	1	2	166	1
EP381600-1650	1	22.0	30	3	1	5	166	1
EP381650-1700	1	28.0	33	2	1	2	169	2
EP381700-1750	1	41.5	37	1	1	3	173	1
EP381750-1800	1	40.9	36	1	1	3	183	4
EP38180-1850	1	31.4	38	2	1	2	210	2
EP381850-1900	1	40.1	41	1	1	3	191	1
EP381900-1950	1	25.9	30	1	1	2	192	3
EP381950-2000	1	46.3	33	1	1	2	156	3
EP382000-2050	1	30.9	29	2	1	2	141	4
EP382050-2100	1	28.9	30	2	1	2	228	2
EP382100-2150	1	36.0	32	1	1	2	181	1
EP382150-2200	1	34.7	28	2	1	2	182	3
EP382200-2250	1	24.2	28	2	13	2	190	1
EP382250-2300	1	24.8	28	1	1	2	199	3
EP382300-2350	1	42.5	35	1	2	2	201	2
EP382350-2400	1	67.8	69	1	1	1	252	1
EP382400-2450	1	223.0	100	1	10	1	135	1
EP382450-2500	1	129.7	84	1	3	2	109	2
EP382500-2550	1	158.2	72	1	4	2	103	2
EP382550-2600	1	138.0	81	1	3	1	119	1
EP382600-2650	1	129.5	88	1	2	1	90	1
EP382650-2700	1	146.0	71	1	4	2	106	2
EP382700-2750	1	108.7	63	1	3	2	72	1
EP382750-2800	1	85.2	60	1	2	2	76	1
EP382800-2850	1	72.2	62	1	1	1	73	3
EP382850-2900	1	60.1	65	1	1	1	83	17
EP382900-2950	1	74.4	79	1	1	1	69	6
EP382950-3000	1	89.5	67	1	1	1	58	3

COMPANY: CLIMAX
PROJECT NO:

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

(ACT:F31) PAGE 2 OF 3
FILE NO: 81-196/P3

ATTENTION: D.DAVIDSON

(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE: DECEMBER 18, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
EP383000-3050	2320	15	4150	1114	273	570	3	1510	16	2	9	1
EP383050-3100	2170	9	1240	353	134	570	10	300	15	3	7	1
EP383100-3150	1570	7	900	319	114	460	11	160	28	5	7	1
EP383150-3200	1340	6	810	263	110	410	12	150	13	2	7	1
EP383200-3250	1640	6	910	262	147	430	16	190	12	1	7	1

COMPANY: CLIMAX

PROJECT NO:

ATTENTION: D.DAVIDSON

MIN-EN LABS ICP REPORT

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

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

(ACT:F31) PAGE 1 OF 3

FILE NO: B1-196/P3

DATE: DECEMBER 18, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
EP383000-3050	.8	5040	11	14	20	.6	10	9000	1.2	18	195	76880
EP383050-3100	.4	3070	37	11	23	.8	6	2610	.9	10	177	24710
EP383100-3150	.5	2030	25	9	26	.6	6	1350	.7	7	111	16510
EP383150-3200	.5	1630	23	8	19	.6	6	1510	.8	8	98	15110
EP383200-3250	.5	1930	28	10	36	.6	5	1910	.2	7	128	18220

COMPANY: CLIMAX

PROJECT NO:

ATTENTION: D. DAVIDSON

MIN-EN LABS ICP REPORT

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

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

* TYPE ROCK GEOCHEM *

(ACT:F31) PAGE 3 OF 3

FILE NO: 81-196/P3

DATE: DECEMBER 18, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
EP383000-3050	1	84.1	63	1	1	2	71	2
EP383050-3100	1	20.1	23	2	1	2	218	1
EP383100-3150	1	10.3	18	2	4	2	131	2
EP383150-3200	1	9.5	16	3	1	2	104	4
EP383200-3250	1	11.2	16	3	1	1	103	2

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 3

PROJECT NO:

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

FILE NO: 81-200P/P1

ATTENTION: D.DAVIDSON

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

DATE: DECEMBER 20, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DDH430000-0050	.9	5260	37	9	21	1.5	5	9020	.5	9	417	27030
DDH430050-0100	.8	3750	52	16	48	1.2	5	10070	.8	7	213	18150
DDH430100-0150	.8	3150	48	8	37	1.2	4	8540	.3	7	266	17730
DDH430150-0200	1.1	2160	55	17	63	1.0	3	10610	.2	8	338	18600
DDH430200-0250	1.0	2570	47	7	40	1.2	5	9350	.5	9	407	19900
DDH430250-0300	.9	2740	32	6	42	1.1	4	7700	.9	11	240	18760
DDH430300-0350	1.0	2610	35	16	70	.9	5	8230	.3	8	406	16430
DDH430350-0400	1.0	2210	27	21	53	.7	6	7390	1.6	8	377	13660
DDH430400-0450	.7	3530	15	12	60	1.0	4	8320	.1	9	375	20560
DDH430450-0500	.8	2410	18	8	46	.7	4	10310	.6	9	539	13740
DDH430500-0550	.9	3660	17	9	33	.9	4	7160	.6	10	593	17150
DDH430550-0600	1.5	7690	5	10	16	1.3	11	10700	.4	16	526	26010
DDH430600-0650	1.5	8430	7	10	15	1.0	13	7810	.6	12	755	22900
DDH430650-0700	1.3	10850	16	15	41	1.3	10	10560	.1	15	754	28440
DDH430700-0750	.9	6760	9	10	39	.9	9	4580	.9	10	322	18500
DDH430750-0800	1.0	9330	1	15	28	1.1	9	7310	.1	14	534	29340
DDH430800-0850	1.1	8900	11	10	24	1.1	9	8910	.8	11	566	19980
DDH430850-0900	.8	7440	15	13	35	1.2	9	4410	.8	11	204	18270
DDH430900-0950	1.6	13520	1	9	57	1.4	11	10080	1.3	15	643	32670
DDH430950-1000	.8	9660	1	9	37	1.0	10	5090	.5	13	184	30660
DDH431000-1050	1.1	13090	34	11	19	1.4	12	13940	.2	15	168	30620
DDH431050-1100	.7	9820	1	14	19	1.2	10	7740	.2	13	121	30810
DDH431100-1150	.8	6780	13	19	14	1.0	8	4070	1.2	10	157	23040
DDH431150-1200	1.1	12640	1	9	15	1.1	9	9950	.7	15	230	29990

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 2 OF 3

PROJECT NO:

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

FILE NO: B1-200P/P1

ATTENTION: D. DAVIDSON

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

TYPE PULP GEOCHEM

DATE: DECEMBER 20, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DDH430000-0050	1620	12	2920	361	306	500	12	230	27	5	9	1
DDH430050-0100	1400	9	1470	232	384	430	12	140	14	7	9	1
DDH430100-0150	1330	8	1610	258	293	380	12	130	17	4	11	1
DDH430150-0200	1370	5	1440	268	392	360	12	120	18	2	12	1
DDH430200-0250	1280	7	1710	288	284	390	12	170	14	1	11	1
DDH430250-0300	1200	7	1910	337	290	390	10	150	24	1	11	1
DDH430300-0350	1400	6	1700	273	387	360	14	150	43	5	11	1
DDH430350-0400	1230	6	1320	299	778	360	11	120	19	3	9	1
DDH430400-0450	2040	8	2420	405	627	480	12	130	16	1	9	1
DDH430450-0500	1430	5	1130	332	413	400	10	120	15	1	9	1
DDH430500-0550	1570	7	2240	412	502	520	10	100	16	1	9	1
DDH430550-0600	2830	17	7170	811	384	800	7	1390	20	1	10	1
DDH430600-0650	2890	17	6750	758	381	870	9	730	17	1	12	1
DDH430650-0700	4330	22	8270	848	592	930	9	820	19	2	13	1
DDH430700-0750	3260	17	6480	605	490	620	8	420	74	13	9	1
DDH430750-0800	4260	19	7660	862	722	650	9	550	20	1	14	1
DDH430800-0850	2310	16	5110	589	353	870	10	400	34	5	14	1
DDH430850-0900	3640	17	7100	632	651	870	14	290	16	4	8	1
DDH430900-0950	5760	22	9610	954	273	910	7	970	20	1	17	1
DDH430950-1000	5450	21	8630	823	288	920	9	720	17	2	10	1
DDH431000-1050	5230	24	10320	957	239	1150	9	1270	32	8	18	1
DDH431050-1100	3940	20	7920	724	584	740	8	740	39	6	14	1
DDH431100-1150	3020	18	6540	516	1112	530	8	370	15	1	9	1
DDH431150-1200	4200	20	8080	686	239	1100	11	930	21	1	20	1

COMPANY: CLIMAX
 PROJECT NO:
 ATTENTION: D.DAVIDSON

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 3 OF 3
 FILE NO: B1-200P/P1
 DATE: DECEMBER 20, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DDH430000-0050	1	17.8	33	2	1	4	40	3
DDH430050-0100	1	10.2	24	2	1	5	29	1
DDH430100-0150	1	10.5	27	1	2	3	29	13
DDH430150-0200	1	9.3	46	1	1	2	28	2
DDH430200-0250	1	9.4	35	1	1	2	29	3
DDH430250-0300	1	10.3	32	1	1	2	27	3
DDH430300-0350	1	8.7	36	1	2	2	28	4
DDH430350-0400	1	8.7	27	2	1	2	27	2
DDH430400-0450	1	14.0	27	1	1	2	40	1
DDH430450-0500	1	7.1	24	1	1	2	23	13
DDH430500-0550	1	9.2	25	2	1	2	23	2
DDH430550-0600	1	47.3	44	1	4	3	25	4
DDH430600-0650	1	35.8	49	1	2	1	26	1
DDH430650-0700	1	42.1	45	1	4	2	28	3
DDH430700-0750	1	28.6	43	2	5	2	25	2
DDH430750-0800	1	82.7	49	1	4	1	31	13
DDH430800-0850	1	34.6	34	1	3	4	31	9
DDH430850-0900	1	31.9	38	2	2	2	37	15
DDH430900-0950	1	59.8	56	1	3	3	31	2
DDH430950-1000	1	83.7	52	1	3	1	31	3
DDH431000-1050	1	98.0	76	1	3	3	31	3
DDH431050-1100	1	81.8	53	1	5	2	30	32
DDH431100-1150	1	45.5	42	2	3	1	28	7
DDH431150-1200	1	68.3	48	1	3	1	32	1

COMPANY: CLIMAX
 PROJECT NO:
 ATTENTION: D. DAVIDSON

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

(ACT:F31) PAGE 1 OF 3
 FILE NO: B1-203P/P1+2
 DATE: DECEMBER 20, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DDH650000-0050	1.1	5030	49	9	19	1.1	5	6670	.1	17	194	15840
DDH650050-0100	1.2	10150	27	11	33	1.4	7	6310	.3	23	427	29910
DDH650100-0150	1.1	6470	32	10	13	1.0	8	5630	.4	20	217	18680
DDH650150-0200	.9	10220	37	14	17	1.3	9	9620	.1	21	164	26380
DDH650200-0250	1.0	9310	39	12	22	1.5	9	8510	.6	21	139	24100
DDH650250-0300	.9	4750	43	10	9	1.0	7	5140	.8	19	72	16400
DDH650300-0350	.8	6390	54	12	12	1.3	6	7330	.9	20	98	19480
DDH650350-0400	.9	4750	52	13	12	.9	7	4760	.8	20	65	15460
DDH650400-0450	.7	5000	37	9	7	1.1	8	5270	.9	16	173	18850
DDH650450-0500	.8	4350	23	8	7	.9	7	4120	.6	14	80	16150
DDH650500-0550	1.0	4350	54	41	8	.8	6	5570	.2	16	100	17650
DDH650550-0600	.8	5390	35	16	17	.9	9	4360	.5	17	86	20640
DDH650600-0650	.9	4260	36	12	12	1.0	7	5190	1.0	14	146	26010
DDH650650-0700	.9	5320	43	11	8	1.0	7	4780	.2	17	223	21010
DDH650700-0750	1.0	4690	42	30	9	1.2	8	4000	.5	17	342	24350
DDH650750-0800	1.1	4920	40	11	14	1.3	7	3210	.1	17	206	23250
DDH650800-0850	1.0	5510	57	9	13	1.2	7	5190	.4	21	145	24050
DDH650850-0900	.9	5420	47	11	10	1.1	8	5420	.6	22	104	22030
DDH650900-0950	.8	4710	54	17	12	1.1	5	7220	.2	19	85	21000
DDH650950-1000	.8	5060	46	19	5	1.0	6	5570	.6	19	90	18280
DDH651000-1050	.7	5680	36	13	9	1.0	6	4890	.2	18	57	20050
DDH651050-1100	.9	6120	37	11	6	1.0	7	6150	.1	19	76	22180
DDH651100-1150	.9	4640	46	16	6	.9	7	3850	.1	17	235	18290
DDH651150-1200	.8	5170	48	27	28	1.1	7	7210	.2	17	175	21840
DDH651200-1250	1.1	9240	73	16	17	1.3	11	8860	.2	22	166	27180
DDH651250-1300	.8	7270	46	16	12	1.3	6	5620	.5	21	121	26590
DDH651300-1350	1.0	5730	54	13	12	1.0	7	5440	.1	22	215	20730
DDH651350-1400	.8	3670	72	42	21	.9	6	5740	.5	23	138	15640
DDH651400-1450	.7	6020	52	17	15	1.1	8	6220	.1	23	134	26060
DDH651450-1500	.8	5110	50	16	14	.9	7	7220	.4	21	167	22230
DDH651500-1550	1.1	5070	50	15	12	1.1	4	10420	.1	19	98	23300
DDH651550-1600	.8	5670	39	11	12	1.3	7	5290	.2	19	156	24660
DDH651600-1650	.5	5320	37	8	7	1.2	8	5020	.8	19	115	21580
DDH651650-1700	.8	6210	49	12	10	1.2	6	7270	.2	21	201	26890
DDH651700-1750	.7	5980	45	10	11	1.2	8	5370	.4	22	140	22600
DDH651750-1800	1.2	9440	31	9	67	.9	11	4360	.6	23	153	29460
DDH651800-1850	.7	8470	29	9	37	.9	9	3150	.6	21	31	20250
DDH651850-1900	.9	15430	27	14	107	1.4	11	8150	.3	34	32	36220

COMPANY: CLIMAX
 PROJECT NO:
 ATTENTION: D.DAVIDSON

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

(ACT:F31) PAGE 2 OF 3
 FILE NO: 81-203P/P1+2
 DATE: DECEMBER 20, 1988

(604)980-5814 OR (604)988-4524 # TYPE PULP GEOCHEM #

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DDH650000-0050	2310	16	4950	346	211	350	26	140	24	3	10	1
DDH650050-0100	5940	25	10630	597	172	420	41	420	30	3	10	3
DDH650100-0150	1780	17	5200	472	197	540	27	410	21	1	10	1
DDH650150-0200	2770	19	6930	672	358	750	21	690	17	2	14	1
DDH650200-0250	2600	19	6170	581	299	710	24	500	16	3	12	1
DDH650250-0300	830	13	3080	411	319	480	25	320	17	3	10	1
DDH650300-0350	830	14	3190	475	382	550	28	280	15	2	12	1
DDH650350-0400	990	12	3110	408	611	480	26	260	15	1	11	1
DDH650400-0450	940	14	3360	384	251	350	20	260	21	1	9	1
DDH650450-0500	650	11	2770	360	202	380	17	260	16	1	9	1
DDH650500-0550	660	11	2860	375	2676	290	19	320	17	3	9	1
DDH650550-0600	2020	16	5010	499	758	340	18	430	20	2	8	1
DDH650600-0650	1230	12	3460	320	497	230	13	290	16	1	8	1
DDH650650-0700	840	14	3060	292	395	380	21	230	15	1	12	1
DDH650700-0750	1000	13	2900	321	1813	300	18	190	15	4	11	1
DDH650750-0800	1060	12	3600	355	372	370	20	160	15	1	10	1
DDH650800-0850	1000	12	3140	410	227	490	24	180	22	3	12	1
DDH650850-0900	940	11	2370	419	340	550	31	180	18	1	13	1
DDH650900-0950	850	10	2480	430	863	400	23	180	15	1	11	1
DDH650950-1000	640	11	1970	346	1033	440	23	160	20	1	14	1
DDH651000-1050	880	11	2800	431	530	460	22	210	14	2	13	1
DDH651050-1100	820	10	2490	433	418	470	21	310	13	1	14	1
DDH651100-1150	800	11	2620	296	800	340	17	160	14	2	11	1
DDH651150-1200	760	10	1610	282	1628	350	20	200	21	5	14	1
DDH651200-1250	2410	13	5080	616	669	740	20	650	14	4	16	1
DDH651250-1300	1050	10	3160	439	652	590	22	170	17	3	16	1
DDH651300-1350	1220	12	2710	352	472	460	29	140	14	1	11	1
DDH651350-1400	1370	11	2180	306	2777	340	32	180	38	6	8	1
DDH651400-1450	2060	13	4220	521	775	450	27	190	17	1	9	1
DDH651450-1500	990	11	2230	399	723	400	24	150	18	2	11	1
DDH651500-1550	1250	13	2890	508	716	390	26	180	22	7	12	1
DDH651550-1600	1220	12	3710	476	491	400	21	160	13	3	11	1
DDH651600-1650	930	11	2500	351	361	450	22	180	15	3	13	1
DDH651650-1700	1110	12	2430	416	636	410	23	170	20	2	12	1
DDH651700-1750	1480	13	3710	453	461	450	33	180	16	2	11	1
DDH651750-1800	5880	26	8910	601	345	560	18	780	28	1	11	1
DDH651800-1850	4100	22	7280	338	292	720	22	340	14	1	13	1
DDH651850-1900	5930	22	9400	552	489	1190	23	610	20	1	25	2

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 3 OF 3

PROJECT NO:

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

FILE NO: 81-203P/P1+2

ATTENTION: D.DAVIDSON

(604)980-5814 DR (604)988-4524 * TYPE PULP GEOCHEM *

DATE: DECEMBER 20, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DDH650000-0050	1	29.2	43	1	2	5	315	2
DDH650050-0100	1	53.5	56	1	4	5	388	3
DDH650100-0150	1	40.1	45	2	3	5	473	1
DDH650150-0200	1	62.3	44	1	3	6	395	1
DDH650200-0250	1	59.4	44	2	3	8	462	3
DDH650250-0300	1	35.4	41	3	2	9	465	2
DDH650300-0350	1	38.2	36	3	2	6	499	1
DDH650350-0400	1	35.7	35	4	2	5	481	1
DDH650400-0450	1	30.4	35	2	1	4	352	3
DDH650450-0500	1	26.3	73	3	2	3	269	1
DDH650500-0550	1	31.8	35	11	6	5	330	3
DDH650550-0600	1	38.2	37	4	3	6	318	2
DDH650600-0650	1	25.0	29	3	1	3	245	2
DDH650650-0700	1	29.6	31	3	2	5	395	1
DDH650700-0750	1	30.3	39	7	4	7	337	2
DDH650750-0800	1	26.6	39	4	2	4	372	3
DDH650800-0850	1	35.4	38	3	2	8	615	1
DDH650850-0900	1	34.1	37	3	3	6	596	2
DDH650900-0950	1	30.7	36	5	3	5	481	2
DDH650950-1000	1	30.9	31	5	3	6	463	1
DDH651000-1050	1	31.8	35	4	2	5	417	4
DDH651050-1100	1	32.5	32	4	2	6	417	2
DDH651100-1150	1	26.3	28	4	3	6	326	3
DDH651150-1200	1	28.5	32	7	4	9	380	2
DDH651200-1250	1	54.1	40	4	4	6	458	3
DDH651250-1300	1	38.3	43	4	3	6	529	1
DDH651300-1350	1	34.8	34	3	2	5	585	2
DDH651350-1400	1	42.3	35	10	7	6	677	2
DDH651400-1450	1	43.1	39	3	2	5	525	1
DDH651450-1500	1	33.2	37	4	2	5	499	1
DDH651500-1550	1	36.3	36	2	2	5	542	2
DDH651550-1600	1	33.9	45	3	3	6	469	3
DDH651600-1650	1	33.4	32	2	2	7	479	2
DDH651650-1700	1	39.1	36	2	3	8	538	1
DDH651700-1750	1	42.4	38	2	3	7	659	2
DDH651750-1800	1	56.8	123	1	3	3	430	2
DDH651800-1850	1	55.8	31	1	2	3	391	1
DDH651850-1900	1	77.6	45	1	3	3	421	3

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 3

PROJECT NO:

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

FILE NO: 81-199P/P1

ATTENTION: D.DAVIDSON

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

DATE: DECEMBER 20, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DDH700000-0050	1.3	5650	49	26	17	1.3	7	7760	1.2	25	763	28500
DDH700050-0100	1.3	6710	40	12	18	.9	8	6170	.9	25	317	22130
DDH700100-0150	1.0	6680	39	13	15	1.0	8	4860	.4	22	155	17540
DDH700150-0200	.8	6240	43	8	22	.9	8	5840	.1	22	176	16160
DDH700200-0250	1.0	5650	58	22	30	1.0	7	7930	.1	25	305	20460
DDH700250-0300	1.0	7090	41	17	23	1.0	8	5680	.7	22	144	19540
DDH700300-0350	.8	6630	33	7	22	.9	7	5820	.9	20	236	20800
DDH700350-0400	1.4	8650	31	9	69	1.1	10	7120	1.2	24	311	40550
DDH700400-0450	1.6	9310	28	11	78	1.4	11	6460	.3	27	307	50960
DDH700450-0500	1.3	8260	28	10	69	1.0	11	6690	.8	25	266	48460
DDH700500-0550	.9	12010	5	16	101	1.5	11	9570	1.1	28	256	49640
DDH700550-0600	.8	6150	17	9	44	1.2	8	5920	1.3	23	210	41890
DDH700600-0650	.5	17590	1	13	286	1.7	13	8400	1.1	36	415	80250
DDH700650-0700	1.1	11340	13	11	152	1.2	12	7560	.7	32	256	55990
DDH700700-0750	.8	4150	42	6	104	1.1	5	4640	1.3	24	257	39170
DDH700750-0800	1.1	6610	31	8	94	1.3	6	5990	.2	25	514	50650
DDH700800-0850	1.0	5060	47	6	69	1.0	5	4590	.9	22	213	28170
DDH700850-0900	1.5	6810	38	7	64	1.2	9	5620	1.3	24	320	54020
DDH700900-0950	1.6	8990	39	9	102	1.2	8	7470	1.7	27	396	54100
DDH700950-1000	1.1	7210	29	8	75	1.2	10	7190	.7	23	219	47470
DDH701000-1050	.9	5950	34	5	76	.8	8	4380	1.2	18	152	30200
DDH701050-1100	.9	5420	18	2	58	.9	8	5670	.4	18	221	37220
DDH701100-1150	.6	5530	32	5	85	.9	6	7890	.6	22	183	18340
DDH701150-1200	.8	6390	33	5	72	.9	7	7410	.6	21	124	20170
DDH701200-1250	.9	5660	37	8	66	.9	7	8540	.7	23	198	20410
DDH701250-1300	1.0	6180	28	6	59	.9	9	8560	.9	20	312	20120
DDH701300-1350	.9	5090	34	5	78	1.0	7	7990	.6	20	214	18020
DDH701350-1400	.8	5860	34	5	70	1.0	7	7560	1.0	21	126	19110
DDH701400-1450	.7	5220	30	4	66	.9	8	5930	.5	16	26	18240
DDH701450-1500	.9	5370	33	6	62	.9	7	6200	.6	15	83	18830

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 2 OF 3

PROJECT NO:

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

FILE NO: 81-199P/P1

ATTENTION: D. DAVIDSON

(604)980-5814 OR (604)988-4524 # TYPE PULP GEOCHEM # DATE: DECEMBER 20, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DDH700000-0050	1920	16	5770	570	1555	430	23	470	18	4	10	1
DDH700050-0100	3160	20	6910	628	465	570	26	470	13	2	9	1
DDH700100-0150	3090	20	6950	464	562	620	23	410	22	1	9	1
DDH700150-0200	2490	17	4970	462	324	580	28	400	22	2	8	1
DDH700200-0250	2120	12	3820	455	1297	600	28	370	22	5	8	1
DDH700250-0300	3010	19	6910	506	865	560	26	380	18	4	8	1
DDH700300-0350	2810	20	6750	470	162	410	21	400	14	1	7	1
DDH700350-0400	4640	26	8900	812	197	550	16	910	17	2	8	1
DDH700400-0450	6690	27	9780	914	207	460	11	1380	18	1	9	1
DDH700450-0500	5160	23	8410	984	197	440	15	1250	25	2	8	1
DDH700500-0550	7300	30	12340	997	677	780	24	620	15	1	10	1
DDH700550-0600	3350	19	6750	679	261	410	22	290	18	2	8	1
DDH700600-0650	14270	37	20260	1324	174	790	20	600	23	2	12	2
DDH700650-0700	7910	24	11690	1142	256	620	23	800	21	1	12	1
DDH700700-0750	2630	12	3940	736	140	350	18	520	17	1	11	1
DDH700750-0800	3860	20	6840	839	164	410	15	960	16	1	11	1
DDH700800-0850	2390	15	4700	709	155	420	21	300	21	1	10	1
DDH700850-0900	4690	21	7480	774	150	410	9	1140	15	1	9	1
DDH700900-0950	4630	24	7510	701	153	610	14	1080	20	1	9	1
DDH700950-1000	3260	18	5630	895	133	620	13	700	16	1	9	1
DDH701000-1050	2710	16	4990	486	36	560	17	420	19	1	10	1
DDH701050-1100	2540	16	5040	670	33	400	13	710	16	1	11	1
DDH701100-1150	1160	16	5650	359	16	330	23	530	20	1	17	1
DDH701150-1200	1250	17	6090	386	13	400	21	540	19	1	14	1
DDH701200-1250	1360	15	5930	423	243	350	26	580	16	1	15	1
DDH701250-1300	1310	17	6220	437	104	340	25	590	18	1	13	1
DDH701300-1350	1540	14	5540	413	22	380	26	540	18	1	16	1
DDH701350-1400	1440	16	6060	418	29	400	26	570	16	1	15	1
DDH701400-1450	1540	16	5850	373	22	340	26	550	24	1	10	1
DDH701450-1500	1390	16	6010	385	143	320	26	510	37	4	10	1

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 3 OF 3

PROJECT NO:

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

FILE NO: 81-199P/P1

ATTENTION: D.DAVIDSON

(604)980-5814 OR (604)988-4524 # TYPE PULP GEOCHEM # DATE: DECEMBER 20, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DDH700000-0050	1	49.7	41	4	5	4	433	3
DDH700050-0100	1	45.8	45	2	4	4	460	1
DDH700100-0150	1	43.2	36	3	3	3	462	2
DDH700150-0200	1	43.3	32	2	4	4	514	1
DDH700200-0250	1	45.2	35	5	4	6	606	18
DDH700250-0300	1	44.5	39	3	4	5	452	2
DDH700300-0350	1	40.2	37	1	3	2	321	1
DDH700350-0400	1	42.9	77	1	3	2	285	3
DDH700400-0450	1	42.3	96	2	4	2	285	1
DDH700450-0500	1	39.2	102	1	5	2	286	4
DDH700500-0550	1	118.4	73	1	5	2	306	1
DDH700550-0600	1	78.0	66	1	3	3	337	2
DDH700600-0650	1	246.2	96	1	5	2	182	1
DDH700650-0700	1	107.4	92	1	4	2	402	17
DDH700700-0750	1	31.7	99	1	2	2	390	6
DDH700750-0800	1	31.6	79	1	3	2	314	2
DDH700800-0850	1	24.4	96	3	1	2	396	1
DDH700850-0900	1	31.5	90	1	3	2	295	1
DDH700900-0950	1	36.7	73	1	3	2	373	2
DDH700950-1000	1	40.1	79	1	3	2	339	5
DDH701000-1050	1	28.5	44	1	2	1	243	3
DDH701050-1100	1	40.6	50	1	2	2	215	2
DDH701100-1150	1	37.4	29	1	2	2	318	1
DDH701150-1200	1	45.6	31	1	1	2	346	1
DDH701200-1250	1	42.4	31	1	2	2	375	3
DDH701250-1300	1	45.7	31	1	2	2	375	40
DDH701300-1350	1	41.4	30	1	1	2	391	4
DDH701350-1400	1	43.8	31	1	1	2	371	2
DDH701400-1450	1	45.5	31	1	1	2	329	1
DDH701450-1500	1	43.9	30	1	3	1	312	2

COMPANY: CLIMAX
 PROJECT NO:
 ATTENTION: D. DAVIDSON

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7R 1T2
 (604)980-5814 OR (604)988-4524 1 TYPE PULP BIOCHEM 1

(ACT:F31) PAGE 1 OF 3
 FILE NO: 81-201P/P1+2
 DATE: DECEMBER 20, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DDH720000-0050	1.0	4370	18	4	17	.7	8	5250	.4	13	45	9940
DDH720050-0100	.8	3560	38	5	37	.8	6	5370	.4	12	107	12170
DDH720100-0150	.8	5900	35	6	18	1.0	9	5850	.6	13	101	12910
DDH720150-0200	1.1	5340	31	4	15	1.0	8	7390	.8	15	186	14730
DDH720200-0250	1.2	5850	36	6	24	1.0	9	6790	.9	15	262	16580
DDH720250-0300	.9	4450	55	5	38	1.1	6	7310	.5	13	201	18240
DDH720300-0350	1.1	5240	86	5	31	1.3	11	6330	1.0	14	235	16050
DDH720350-0400	.8	5390	37	5	27	1.2	7	5320	.4	15	211	17370
DDH720400-0450	.8	13450	25	9	101	1.3	7	4010	1.0	17	326	28390
DDH720450-0500	.7	6080	46	6	73	1.3	4	5280	.5	15	181	15780
DDH720500-0550	.7	3320	51	5	60	1.0	6	4520	.2	15	151	15010
DDH720550-0600	.8	2820	47	9	73	.9	5	3860	.4	12	82	9980
DDH720600-0650	.7	2140	54	6	72	.7	5	2110	.2	14	332	13180
DDH720650-0700	.8	1070	50	7	29	.6	5	1790	.5	17	227	16320
DDH720700-0750	.9	1500	52	13	17	.8	6	960	.8	40	430	44360
DDH720750-0800	.7	1760	48	12	21	.9	5	780	.3	34	419	42840
DDH720800-0850	.5	1140	74	28	20	.6	5	2200	.2	15	94	11270
DDH720850-0900	.7	1060	87	19	21	.5	6	1320	.2	15	93	7610
DDH720900-0950	1.0	1090	82	9	29	.6	5	1400	.6	14	408	9650
DDH720950-1000	.6	1280	80	9	47	.5	5	1420	.5	14	72	7540
DDH721000-1050	.5	1070	65	5	45	.7	6	1600	.2	13	70	7370
DDH721050-1100	.9	1920	105	9	28	.8	3	1140	.3	15	643	19930
DDH721100-1150	.7	2520	56	5	34	.9	5	1220	.7	15	467	19930
DDH721150-1200	.7	1870	88	8	35	.9	5	810	.1	17	508	18780
DDH721200-1250	.6	1790	102	9	28	.9	5	900	.8	20	286	25420
DDH721250-1300	.5	1210	71	7	38	.6	4	1640	.2	18	153	12840
DDH721300-1350	.5	1510	70	5	40	.8	3	1880	.3	16	191	13990
DDH721350-1400	.4	1980	58	5	28	.8	5	1790	.5	16	106	10070
DDH721400-1450	.5	1400	54	5	20	.7	5	1580	.5	14	97	9430
DDH721450-1500	.6	1120	50	6	28	.7	3	1840	.4	14	233	10080
DDH721500-1550	.6	1540	60	4	22	.8	6	2740	.5	14	53	7170
DDH721550-1600	.5	1220	60	7	24	.7	6	2250	.6	15	53	7290
DDH721600-1650	.6	1360	61	4	19	.7	6	1860	.1	14	50	6620
DDH721650-1700	.4	1570	60	3	19	.7	6	1550	.5	14	39	7060
DDH721700-1750	.6	1420	60	5	17	.7	4	1600	.2	14	32	6700
DDH721750-1800	.7	1510	70	6	29	.7	6	1820	.1	15	29	6810
DDH721800-1850	.6	1300	63	4	23	.7	6	1760	.1	15	39	7720
DDH721850-1900	.7	1370	60	4	21	.6	6	1530	.2	15	40	7540
DDH721900-1950	.6	1180	66	9	28	.7	6	2250	.5	16	22	8040
DDH721950-2000	.5	1500	62	4	24	.7	6	2140	.5	16	27	7770
DDH722000-2050	.6	850	46	5	18	.7	4	1430	1.1	11	19	5840
DDH722050-2100	.5	920	58	5	27	.7	6	2740	.4	12	25	6170

COMPANY: CLIMAX

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 2 OF 3

PROJECT NO:

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

FILE NO: 81-201P/P1+2

ATTENTION: D. DAVIDSON

(604)980-5814 OR (604)988-4524 # TYPE PULP GEOCHEM #

DATE: DECEMBER 20, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DDH720000-0050	2010	17	6260	450	53	350	18	700	15	1	8	1
DDH720050-0100	1270	12	4460	357	188	290	22	350	16	1	8	1
DDH720100-0150	2170	16	6030	446	168	420	23	380	18	1	8	1
DDH720150-0200	2090	17	6520	559	91	380	19	780	17	1	7	1
DDH720200-0250	2370	17	6660	523	189	410	21	710	21	3	8	1
DDH720250-0300	1260	15	5020	430	223	300	21	480	21	3	8	1
DDH720300-0350	1730	50	5630	380	110	370	21	490	4141	968	7	1
DDH720350-0400	2360	20	6060	302	200	310	23	560	54	12	8	1
DDH720400-0450	10340	42	15780	637	101	440	38	420	25	1	9	2
DDH720450-0500	3840	21	7590	347	178	340	30	380	22	4	11	1
DDH720500-0550	1720	12	3000	216	129	260	27	330	17	2	11	1
DDH720550-0600	1420	13	3410	215	493	200	24	480	16	1	9	1
DDH720600-0650	1470	8	2340	177	227	190	30	480	15	1	9	1
DDH720650-0700	780	7	1480	304	239	130	25	430	16	13	9	1
DDH720700-0750	850	8	1200	294	685	140	22	170	15	10	9	1
DDH720750-0800	1040	14	1310	216	519	170	16	210	406	102	9	1
DDH720800-0850	880	5	1190	150	1888	120	31	380	18	2	9	1
DDH720850-0900	920	5	780	118	1343	140	38	400	27	2	8	1
DDH720900-0950	920	5	920	105	590	150	31	360	14	1	8	1
DDH720950-1000	1090	5	750	111	527	190	33	240	18	1	9	1
DDH721000-1050	960	5	850	129	240	200	33	230	19	1	9	1
DDH721050-1100	1330	9	1370	136	405	230	27	180	19	5	9	1
DDH721100-1150	1710	10	1430	130	215	350	27	140	18	1	9	1
DDH721150-1200	1350	7	1000	108	424	280	33	160	13	3	8	1
DDH721200-1250	1180	8	1110	143	460	250	30	150	15	1	8	1
DDH721250-1300	1010	5	880	150	385	230	35	160	12	1	8	1
DDH721300-1350	1200	6	880	151	188	270	33	150	19	3	8	1
DDH721350-1400	1580	6	880	167	173	390	35	130	15	1	8	1
DDH721400-1450	1160	7	860	205	184	310	30	110	15	1	8	1
DDH721450-1500	1020	5	880	207	189	260	30	110	16	2	8	1
DDH721500-1550	1230	5	1410	317	110	390	34	110	16	1	9	1
DDH721550-1600	1080	5	990	229	360	290	35	100	23	3	8	1
DDH721600-1650	1140	5	930	277	170	370	34	100	21	1	8	1
DDH721650-1700	1280	5	890	389	92	430	35	110	16	1	8	1
DDH721700-1750	1160	5	880	302	113	400	35	100	19	1	8	2
DDH721750-1800	1240	5	880	209	182	390	33	100	32	4	9	1
DDH721800-1850	1090	5	940	300	117	340	34	140	10	1	9	1
DDH721850-1900	1100	6	1080	242	112	310	34	170	16	1	8	1
DDH721900-1950	1010	5	1090	257	410	280	39	200	18	1	9	2
DDH721950-2000	1240	6	1140	206	116	340	41	180	13	1	9	2
DDH722000-2050	750	5	1040	362	261	250	30	100	20	1	8	1
DDH722050-2100	850	5	990	237	170	260	34	100	17	1	9	1

COMPANY: CLIMAX
 PROJECT NO:
 ATTENTION: D.DAVIDSON

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

(ACT:F31) PAGE 3 OF 3
 FILE NO: 81-201P/P1+2
 DATE: DECEMBER 20, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DDH720000-0050	24	34.8	25	1	1	2	216	2
DDH720050-0100	30	29.9	21	3	1	4	340	1
DDH720100-0150	26	37.8	25	3	3	4	351	1
DDH720150-0200	25	39.2	31	1	3	4	345	3
DDH720200-0250	26	40.4	28	2	5	6	366	2
DDH720250-0300	28	35.4	24	1	2	6	388	1
DDH720300-0350	27	38.5	27	1	557	6	409	3
DDH720350-0400	27	36.3	23	2	9	6	346	2
DDH720400-0450	42	66.1	43	1	4	4	464	2
DDH720450-0500	27	39.2	24	2	2	11	490	1
DDH720500-0550	36	30.4	18	2	1	8	550	2
DDH720550-0600	33	27.2	15	3	2	5	459	1
DDH720600-0650	31	33.2	19	1	1	5	690	3
DDH720650-0700	37	26.2	20	2	1	21	491	2
DDH720700-0750	26	49.0	28	1	2	16	592	1
DDH720750-0800	24	51.4	22	1	60	13	480	4
DDH720800-0850	31	36.1	15	7	5	6	696	2
DDH720850-0900	31	38.7	18	5	4	7	852	3
DDH720900-0950	38	29.9	17	2	2	5	654	1
DDH720950-1000	37	32.7	18	2	1	5	757	2
DDH721000-1050	39	28.4	16	1	1	4	643	2
DDH721050-1100	36	28.6	27	1	3	9	581	1
DDH721100-1150	37	28.7	19	1	2	5	574	1
DDH721150-1200	36	32.2	24	1	2	6	698	3
DDH721200-1250	34	28.7	22	1	2	5	578	1
DDH721250-1300	35	32.3	17	1	1	6	729	2
DDH721300-1350	35	32.4	23	1	1	5	696	1
DDH721350-1400	36	35.7	16	1	1	5	754	3
DDH721400-1450	37	28.2	14	2	1	4	568	1
DDH721450-1500	39	22.1	27	1	1	3	453	2
DDH721500-1550	1	31.4	23	2	1	4	674	3
DDH721550-1600	1	32.4	23	2	3	5	693	4
DDH721600-1650	1	30.9	21	2	1	4	688	1
DDH721650-1700	1	32.4	23	2	1	4	726	2
DDH721700-1750	1	32.5	23	2	1	5	736	1
DDH721750-1800	1	34.8	23	2	3	5	790	1
DDH721800-1850	1	32.7	24	2	1	5	741	2
DDH721850-1900	1	34.4	24	3	1	5	758	1
DDH721900-1950	1	36.2	25	3	1	5	787	1
DDH721950-2000	1	36.1	24	2	1	5	797	2
DDH722000-2050	1	22.8	24	3	1	3	501	1
DDH722050-2100	1	26.6	23	4	1	4	643	1

COMPANY: CLIMAX
PROJECT NO:

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 3
FILE NO: 81-198P/P1+2
DATE: DECEMBER 20, 1988

ATTENTION: D. DAVIDSON

(VALUES IN PPM)	AS	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DDH1130000-005	1.1	4400	40	8	21	1.0	5	5330	.1	17	155	13230
DDH1130050-010	.9	4330	30	6	14	.8	6	3740	.9	16	158	12590
DDH1130100-015	1.0	4210	36	8	19	.6	5	5570	.7	17	208	14280
DDH1130150-020	.9	5560	29	7	23	.7	9	3410	.1	16	174	17330
DDH1130200-025	1.0	7480	16	6	24	1.0	7	3760	.2	17	405	23480
DDH1130250-030	1.4	4780	38	5	14	.9	5	3630	.6	15	813	20970
DDH1130300-035	1.7	4550	26	5	10	.9	6	2760	1.1	17	977	17880
DDH1130350-040	1.3	4510	27	5	10	.8	5	4120	.8	15	598	15810
DDH1130400-045	1.3	5280	34	8	18	.9	4	3990	.5	18	584	17150
DDH1130450-050	1.1	7500	15	6	33	1.0	7	2520	.3	15	492	20400
DDH1130500-055	1.2	6530	30	7	19	1.0	6	3470	1.1	15	647	19700
DDH1130550-060	1.0	5810	24	6	20	1.1	6	2630	.9	15	598	18520
DDH1130600-065	.8	5680	10	8	15	.9	4	2330	.7	24	485	19970
DDH1130650-070	.9	3940	38	11	18	1.0	5	4440	.7	17	284	23090
DDH1130700-075	.5	3970	21	10	13	.9	5	3050	.9	35	158	18500
DDH1130750-080	.5	3930	33	12	24	.8	6	4450	.3	36	168	13410
DDH1130800-085	.5	3370	47	13	13	.9	4	4280	.2	40	84	10890
DDH1130850-090	.7	3620	49	8	16	1.1	6	4630	.7	35	131	14960
DDH1130900-095	.7	3850	45	7	11	1.4	5	3510	.1	36	159	17910
DDH1130950-100	.8	4400	44	7	14	1.0	6	4200	.8	35	143	14250
DDH1131000-105	.6	3930	56	6	29	1.1	4	5990	.9	35	201	18650
DDH1131050-110	.7	4760	23	7	13	1.0	6	2670	1.0	29	229	23650
DDH1131100-115	.6	5080	21	6	13	1.1	5	2100	.4	19	288	24610
DDH1131150-120	.7	6060	38	7	23	1.1	6	3280	1.0	20	414	28240
DDH1131200-125	.6	3800	46	5	15	.9	4	3330	.6	19	172	19470
DDH1131250-130	.6	3940	31	5	18	.9	5	3230	.1	20	143	19380
DDH1131300-135	.6	3520	37	6	13	.9	6	3520	.4	22	126	15880
DDH1131350-140	.8	3280	44	7	16	.9	7	3300	.7	21	93	14390
DDH1131400-145	.7	3730	209	7	13	.9	8	3350	.9	21	74	18990
DDH1131450-150	.8	3490	30	6	10	.9	6	3580	.9	20	109	16010
DDH1131500-1550	.7	4180	31	6	23	1.1	5	5030	1.0	22	96	20470
DDH1131550-1600	.6	6060	24	8	30	1.2	7	3710	.2	22	68	24190
DDH1131600-1650	.6	3060	49	8	30	1.1	7	4350	.9	24	48	14910
DDH1131650-1700	.9	4530	77	8	42	1.3	12	5470	.2	23	101	46940
DDH1131700-1750	1.7	5130	1	6	52	1.5	18	6660	1.4	26	23	65150

COMPANY: CLIMAX
 PROJECT NO:
 ATTENTION: D. DAVIDSON

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 2 OF 3
 FILE NO: 81-198P/P1+2
 DATE: DECEMBER 20, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DDH1130000-005	2200	16	5740	401	250	290	15	290	20	2	9	1
DDH1130050-010	1870	16	4880	319	150	310	15	300	18	1	7	1
DDH1130100-015	1560	14	4660	396	280	300	15	340	16	1	7	1
DDH1130150-020	3200	20	7150	476	171	330	12	420	22	2	7	1
DDH1130200-025	4600	26	8560	490	98	340	9	600	20	1	8	1
DDH1130250-030	2510	24	4970	236	102	180	11	350	17	2	7	1
DDH1130300-035	2220	21	4670	247	114	210	12	330	22	1	7	1
DDH1130350-040	2110	21	5230	267	102	190	12	340	17	4	7	1
DDH1130400-045	3420	25	7410	328	209	210	12	500	21	3	8	1
DDH1130450-050	5190	36	9510	399	107	220	15	420	28	2	8	1
DDH1130500-055	3870	29	7850	323	163	220	14	520	16	3	7	1
DDH1130550-060	3510	28	6790	293	150	250	10	450	23	1	7	1
DDH1130600-065	3180	27	6220	258	298	220	11	380	22	1	7	1
DDH1130650-070	1920	18	4580	252	546	180	9	310	20	3	8	1
DDH1130700-075	1790	20	4430	253	412	220	12	300	23	1	7	1
DDH1130750-080	1660	18	4300	265	542	250	21	350	19	2	7	1
DDH1130800-085	1140	15	3690	251	714	260	19	260	15	1	8	1
DDH1130850-090	1370	16	3840	277	325	260	14	320	17	1	7	1
DDH1130900-095	1480	18	3970	256	195	260	17	290	21	1	7	1
DDH1130950-100	1860	19	4700	298	128	290	16	340	22	1	7	1
DDH1131000-105	2230	17	4400	333	65	220	16	270	21	3	7	1
DDH1131050-110	2270	25	4800	278	157	200	14	310	24	1	7	1
DDH1131100-115	2640	22	5260	301	111	190	9	340	22	1	7	1
DDH1131150-120	3240	26	5450	385	120	260	10	570	23	3	7	1
DDH1131200-125	1630	15	3550	283	92	180	11	400	16	2	7	1
DDH1131250-130	2150	15	3990	319	129	220	11	480	21	1	7	1
DDH1131300-135	1990	14	4250	346	170	230	16	370	20	1	7	1
DDH1131350-140	2020	13	3780	330	183	230	13	330	23	1	7	1
DDH1131400-145	2070	14	4600	415	190	210	15	580	16	1	6	1
DDH1131450-150	1660	15	4360	318	149	210	12	540	23	1	6	1
DDH1131500-1550	2590	17	5720	423	168	240	16	560	19	1	8	1
DDH1131550-1600	4570	22	8110	690	210	310	16	470	18	1	8	1
DDH1131600-1650	1870	13	3870	446	368	260	20	360	17	1	8	2
DDH1131650-1700	2960	17	5630	944	166	330	8	850	18	5	8	1
DDH1131700-1750	4410	17	7080	1400	174	350	1	1310	22	1	9	1

COMPANY: CLIMAX
 PROJECT NO:
 ATTENTION: D. DAVIDSON

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

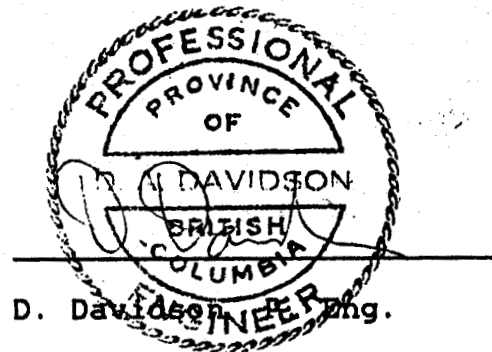
(ACT:F31) PAGE 3 OF 3
 FILE NO: 81-198P/P1+2
 DATE: DECEMBER 20, 1988

(VALUES IN PPM)	U	V	ZN	BA	SN	W	CR	AU-PPB
DDH1130000-005	1	24.3	35	1	2	3	312	3
DDH1130050-010	1	23.6	31	2	2	2	284	2
DDH1130100-015	1	26.8	34	2	2	3	300	2
DDH1130150-020	1	39.4	39	2	2	3	281	1
DDH1130200-025	1	43.3	43	1	3	4	237	1
DDH1130250-030	1	22.8	30	2	3	4	247	2
DDH1130300-035	1	25.4	34	1	2	3	252	18
DDH1130350-040	1	24.3	30	1	2	4	208	3
DDH1130400-045	1	29.8	34	2	3	5	266	4
DDH1130450-050	1	36.3	35	1	3	3	233	1
DDH1130500-055	1	32.4	35	1	3	4	251	4
DDH1130550-060	1	28.4	33	1	2	3	248	3
DDH1130600-065	1	32.2	27	1	3	2	197	2
DDH1130650-070	1	26.7	24	2	3	2	215	1
DDH1130700-075	1	35.5	24	2	2	3	284	1
DDH1130750-080	1	32.6	25	2	2	5	389	2
DDH1130800-085	1	31.0	23	3	2	5	462	1
DDH1130850-090	1	31.1	24	2	2	4	408	1
DDH1130900-095	1	31.4	24	3	2	4	409	3
DDH1130950-100	1	32.7	26	2	2	4	412	2
DDH1131000-105	1	29.7	27	1	1	4	380	3
DDH1131050-110	1	36.0	26	1	3	3	271	2
DDH1131100-115	1	38.4	28	1	3	3	253	2
DDH1131150-120	1	44.0	36	1	3	3	303	1
DDH1131200-125	1	34.6	26	1	2	3	365	2
DDH1131250-130	1	35.9	28	2	2	3	343	1
DDH1131300-135	1	34.5	27	2	2	3	412	2
DDH1131350-140	1	31.7	26	3	2	3	404	2
DDH1131400-145	1	34.8	32	2	2	3	362	3
DDH1131450-150	1	35.6	26	3	2	4	352	1
DDH1131500-1550	1	37.6	31	1	2	3	367	14
DDH1131550-1600	1	49.0	41	1	2	3	347	2
DDH1131600-1650	1	37.1	28	2	1	4	548	3
DDH1131650-1700	1	64.1	58	1	2	3	339	1
DDH1131700-1750	1	93.1	92	1	5	2	208	1

APPENDIX III

PROJECT COSTS

ANALYTICAL WORK - MIN-EN LABS	\$	4 952.00
DEC 12, 1988 to JAN 16, 1989		
D. Davidson, P.Eng. Plan Study, Pull pulps for composites, Prepare report.		
6 days @ \$300/day		1 800.00
BLUEPRINTING		92.50
SUPPLIES		47.25
TYPING AND COPYING		<u>112.00</u>
TOTAL	\$	<u>7 003.75</u>



EXPLANATION FOR MAPS IN POCKET

DRILL HOLES

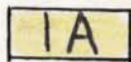
ARE SHOWN FOR THAT PORTION OF THE HOLE UP TO 200 FEET NORTH AND SOUTH OF THE SECTION. THE CIRCLE INDICATES THE PIERCING POINT ON THE SECTION. DIVISIONS SHOW THE 50 FOOT SAMPLE INCREMENTS.

ROCK TYPES

HAZELTON VOLCANIC ROCKS

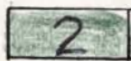


UNDIFFERENTIATED



QUARTZ EYE CRYSTAL LAPILLI
TUFF MARKER HORIZON

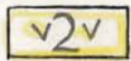
GRANODIORITE SHEET



NORMAL GRANODIORITE

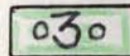


LEUCOCRATIC APLITIC PHASE

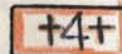


PORPHYRITIC PHASE

QUARTZ PORPHYRY PLUG



QUARTZ MONZONITE PORPHYRY STOCK



17000E

15000E

14000E

15000E

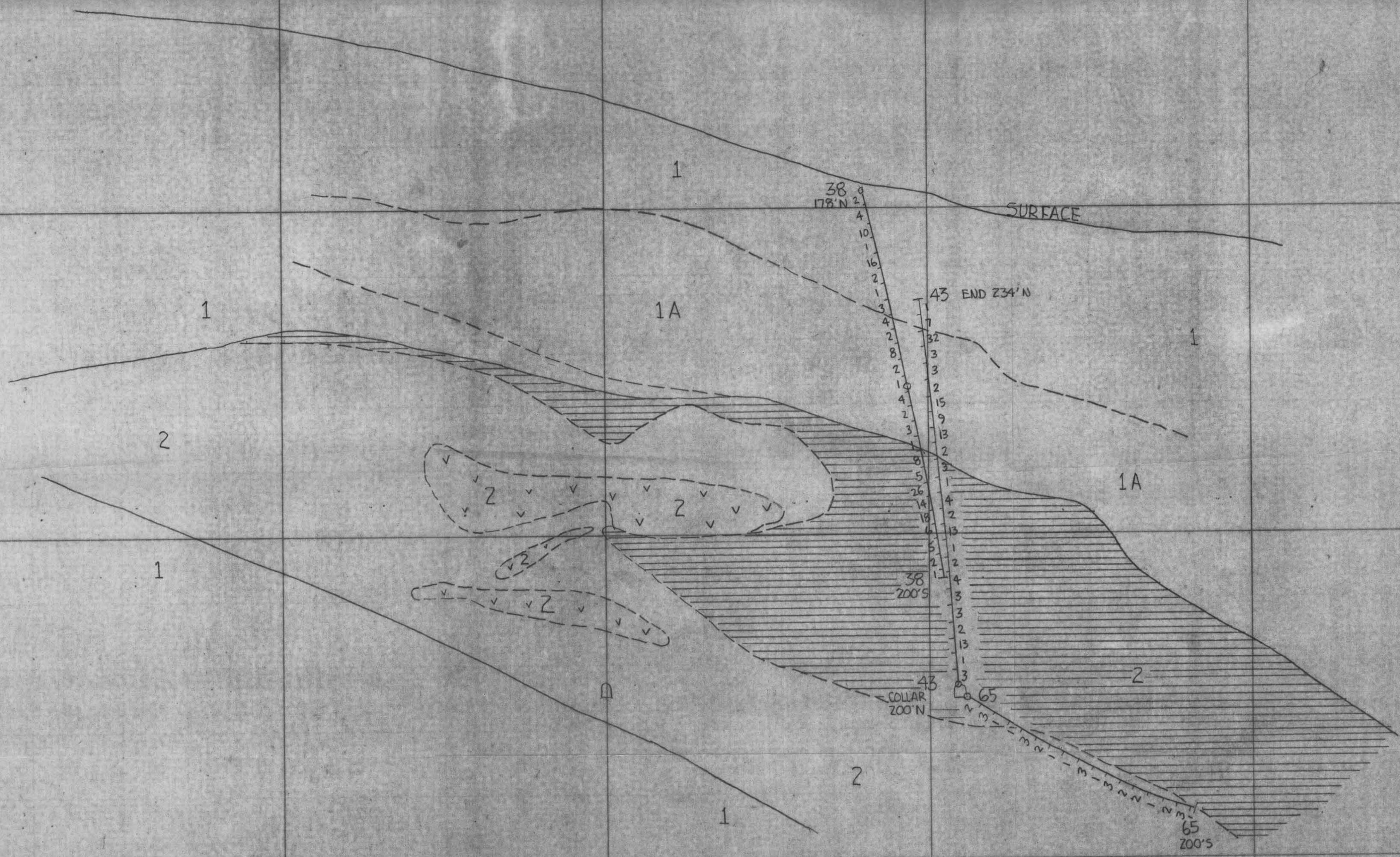
16000E

5000'

4000'

3000'

2000'



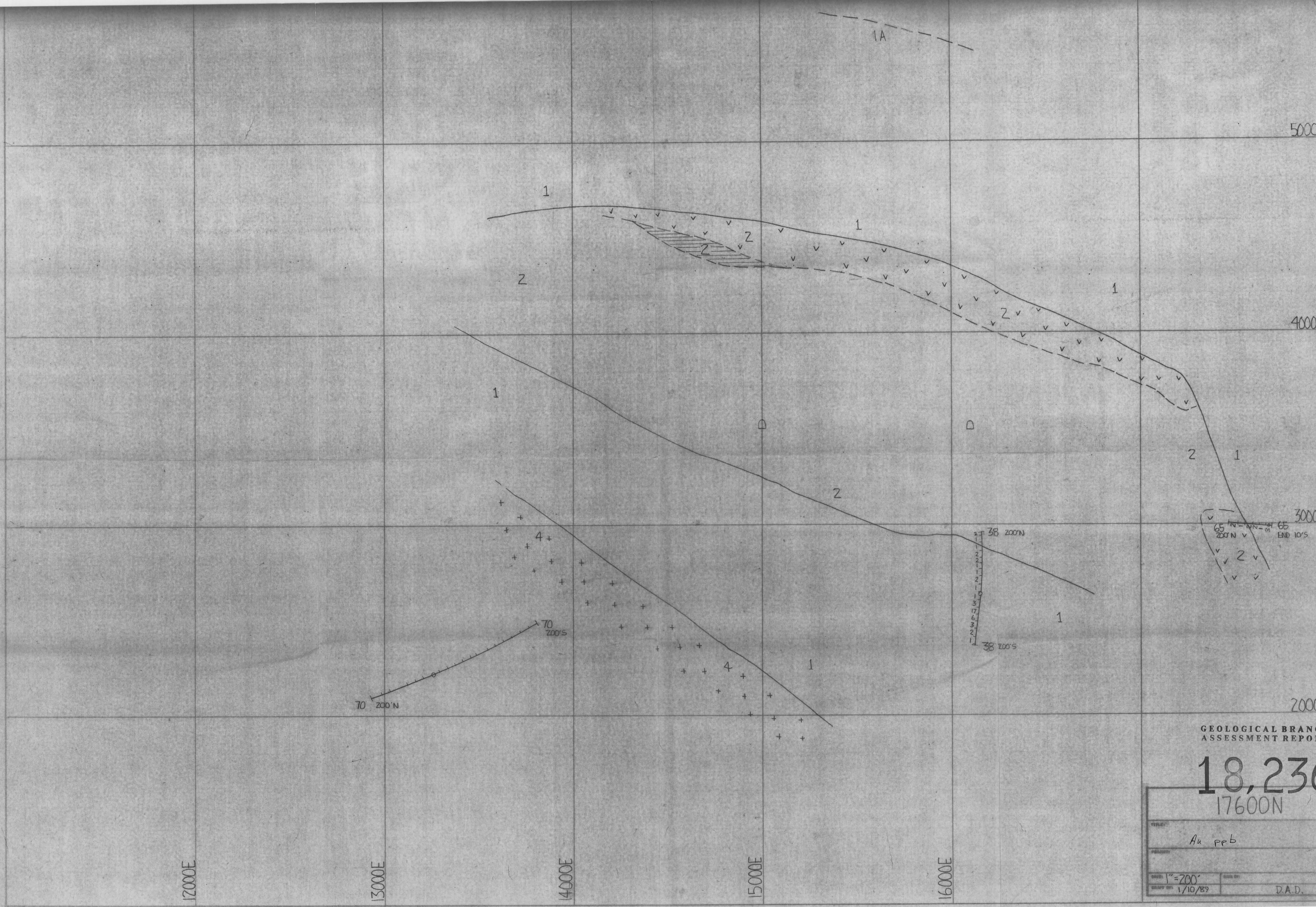
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,236

18400N

Au ppb

DATE	1/10/89	SCALE	1"=200'
BY	D.A.D.		



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,236
17600N

TITLE: Au ppb	
PROJECT:	
SCALE: 1"=700'	DRAWN BY:
DRAFT BY: 1/10/89	D.A.D.

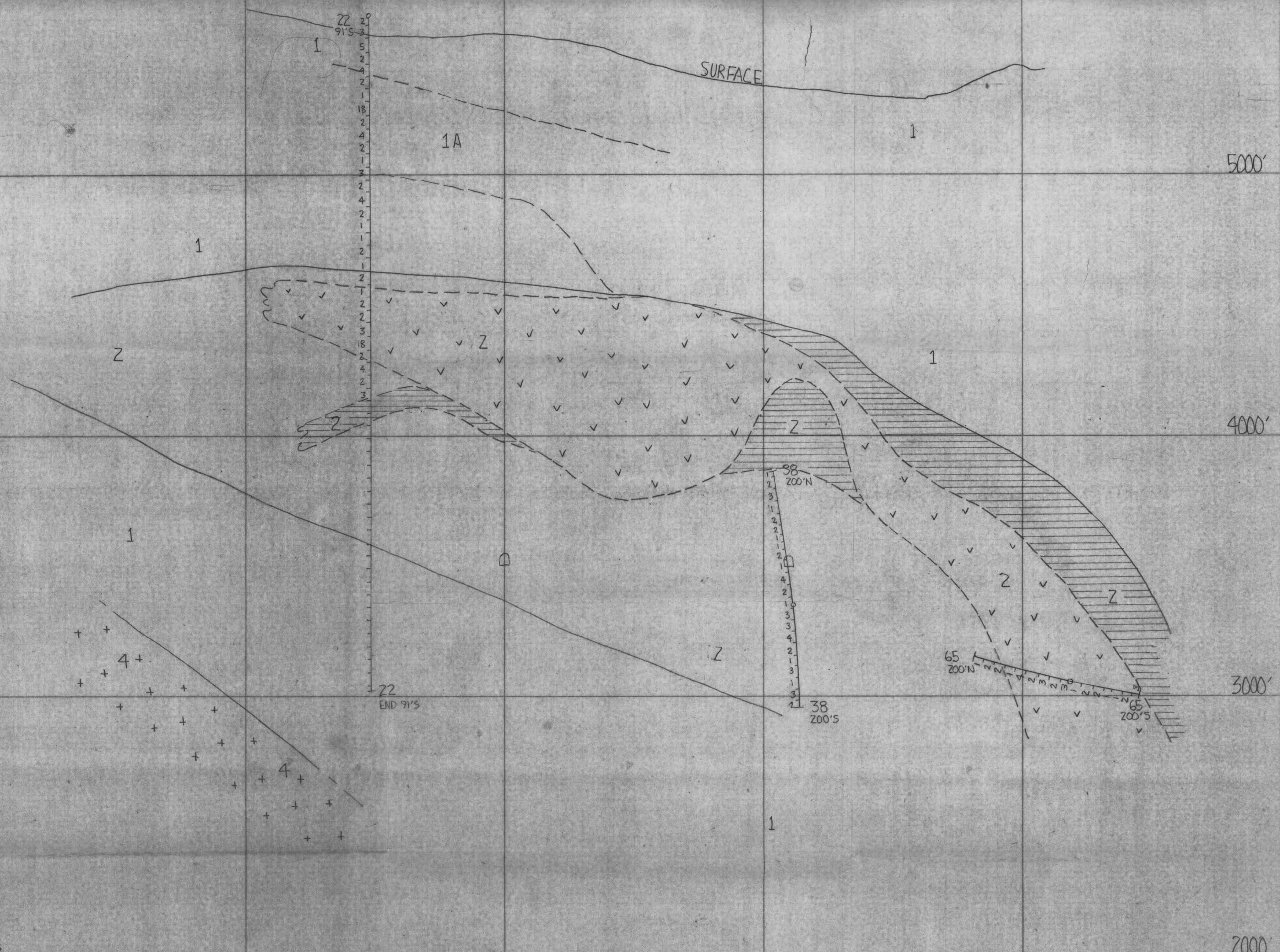
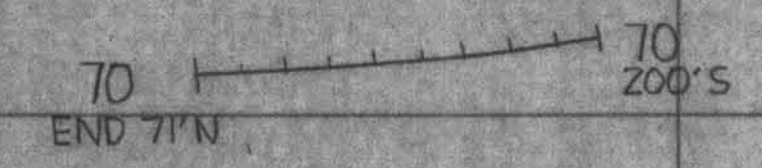
12000E

13000E

14000E

15000E

16000E



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,236

18000N

Au ppb

TITLE: 18000N Au ppb	
PREPARED BY:	
DATE: 1"=200'	SCALE:
PREPARED BY: 1/10/89	BY: D.A.D.

5000'

4000'

3000'

2000'

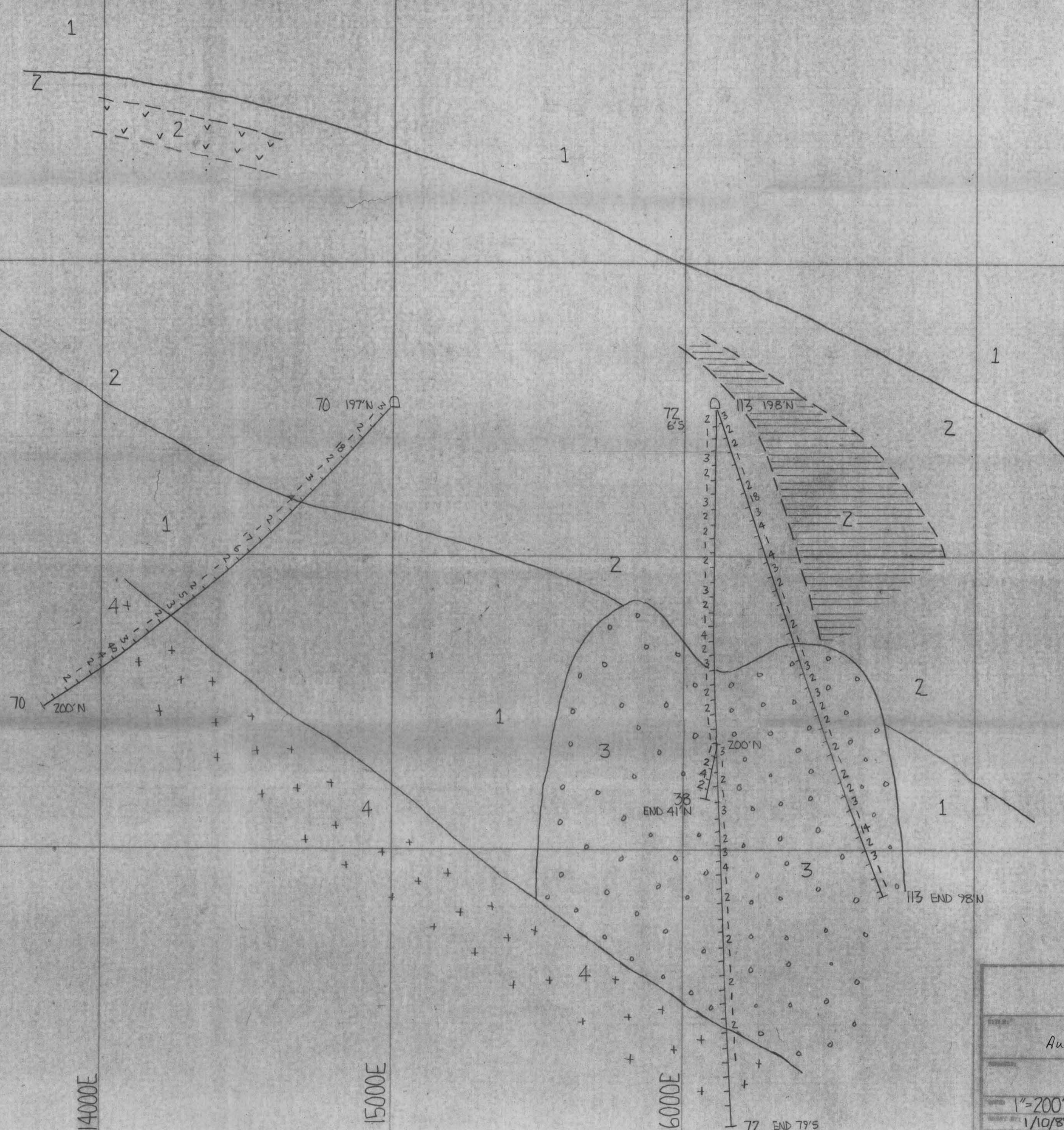
12000E

13000E

14000E

15000E

16000E



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,236

17200 N

Au ppb

SCALE:	1"=200'	DATE:	
DATE:	1/10/89	BY:	D.A.D.