



KIMO - ITULA CLAIMS  
ASSESSMENT WORKS 1986 - 1987

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INTRODUCTION

Access to Claims

The access to the Kimo-Itula claims group is by way of the Swift River Forestry Road (No 1300) which leaves southward from Highway 26 at Mile 20, east of Quesnel.

The No 1300 Road is an all weather, secondary gravel road which traverses the southern portion of the claims, crossing unit No 7 on the southwest.

The claims areas are all situated on the right bank of the Sovereign Creek. The logging road No 13H gives good access to all the Kimo and Itula claims everywhere.

Some research and prospecting has been done on part of the Kimo and Itula claims. Researched for new outcrops beside Quarry No 1. The samples from the Quarry gave good values in Cu, Pb, Zn, Cd, Se, Sb, Bi, U and Th. The Quarry has good exposures of rocks which permit to determine the general strike of the formation which is  $40^{\circ}$  to  $50^{\circ}$  NE and the dip in places up to  $60^{\circ}$  S.W.

A trust fault which is shown on the geological map has been found by myself, the two tips of the fault are covered with boulders of ultrabasic composition.

Physiography

From the main road on the Kimo claims, the slopes are at 25° to 30° inclination to the middle of the area, climb up to 30° to 40° going to the upper limits of the area staked on the north west. In the west the slopes are more abrupt, at 70 to 80% inclination.

The elevation varies from 3500 to 4500 feet. The trust fault is seen on claims No 4, 5 and 7 - with boulders on the two sides.

The main road, the Swift River Forestry Road passes on Claim No 7, on the south east corner. From the road, the slopes are at 25% to elevation 3,850' and from there a plateau which remains in Claim No 7. This area contains the breccia that we will talk about later.

On the west, the ultrabasic, in places are close to vertical and are deteriorating. The ultrabasic are deeply stained with ferruginous alterations.

TECHNICAL DATA

General Geology

From the map: Bedrock Geology Cariboo Lake, Spetacle Lakes,  
Swift River, Wells, Cariboo District.

From the Geological Survey of Canada.

Upper Triassic

U<sub>Ta1</sub> Phyllite, argillite, slaty argillite, quartzite,  
schist, minor, greenstone, conglomerate.

M pau Mississipian Pennsylvanian Permian

Serpentinities, sheared mafic rocks.

D M S Devonian? and Mississipian

Black siltite, phyllite, grey micaceous quartzite, limestone,  
minor metatuff.

MpRp Mississipian to Permian

Black siltite and slate, may be equivalent to D M S.

A geological contact exists between M Pau and U<sub>Ta1</sub>, which is  
approximately parallel to the Swift River Road and 100 m to 200 m  
north of the said road. The thrust fault created a huge hydro-  
thermal development of this area.

Regional Geology

An extensive ultrabasic intrusion is apparent on the Kimo claims, on the east of the same claims the ultrabasic disappears. The quartzitic formations are taking place deeply altered mineralizations are seen in them. The ultrabasic on the west of the claims are reddish with deep ferruginous alterations.

On the WimTa claims magnetite is very well represented but it lacks on the Kimo claims. Sulphides are seen in all the samples, but the ultrabasic are deteriorating rapidly on Kimo, although they remain untouched on the WimTa except in the metamorphic.

Grey quartzitic veins are seen in one quarry, with sericite, mica, and contain Ag, Pb, Zn, Mo, Cu and Au. The quarry are located on 13H road. It seems that the entire area has been invaded by alterations due to Hot springs and are pervasive on several claims.

An andesitic formation exists in the middle of the Itula claims, with platy which falls from the rocks, containing stains of copper and deep ferruginous alterations. Graphitic schists are present to the north of the Itula claims.

Regional Geology (continued)

Also on the Kimo claims huge patches of clays (Kaolinite) are seen on the bodies, on the logging roads and are easy to locate.

In the west part of the claims, phlogopite micas are seen in the ultrabasics with all the creeks containing big boulders of the basic formation. Serpentine is present in different places on the claims. The diabase seen at the bottom of claim Wim No 1 in the DoDo Creek appears on the top of the Kimo claims with Au and Ag.

At the bottom of the Itula claims, black slaty schists are high with silver and arsenic and quite a large number of sulfides. A breccia has been better located this season with hematite as the cement. Chalcopyrite is seen in the rocks. A cement, which I call ferricrete joins the gravel in creeks No 9 and 10.

Phyllites have been encountered east of Itula claims with pyrites in some of them.

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PROJECT NO: K L1-L3  
ATTENTION: R. TRIFAUX

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(ACT:GEO27) PAGE 1 OF 1  
FILE NO: 6-1287  
\* TYPE SOIL GEOCHEM \* DATE: DEC 23, 1986

(VALUES IN PPM )	AG	AS	CU	MO	PB	ZN	AU-PPB
KL1+00	.5	1	5	3	22	29	3
KL1+100	.5	2	12	6	24	51	2
KL1+200 40M	.9	17	20	7	32	60	4
KL1+300	.7	11	15	7	28	51	3
KL1+400	.7	13	36	9	38	64	2
KL2+00	1.3	3	10	5	28	58	2
KL2+100	.7	13	19	7	28	62	12
KL2+200	.7	17	17	7	26	47	3
KL2+300	.7	11	18	6	30	53	5
KL2+400	.7	11	18	5	24	68	14
KL3+00	.9	16	16	7	28	61	15
KL3+100	.7	4	17	7	24	57	3
KL3+200	.5	4	11	6	26	44	12
KL3+300	.5	1	4	2	20	17	3
KL3+400	.5	8	14	5	24	53	2
KLE+00 40M	.7	36	31	12	36	90	4
KLE+25	.5	8	19	6	24	60	3
KLE+50 40M	.7	32	39	10	44	120	8
KLE+75	.7	5	18	6	28	55	4



Breccia Zone Kimo claims

Silver, gold and copper mineralizations have been found in a flat lying zone with silifications. A huge breccia zone has been located and it seems that the breccia acted as a feeder for this zone. Gold has been found in all the samples previously analyzed.

It looks like an explosive brecciation, flat rocks englobed in ferruginous, heavy, dark materials. Chalcopyrites - small showings are detected. The color of the breccia on the west is light brown going to yellow near creek Udo, it is the same in some samples. In others it is more like an agglomerate with gravel englobed in the same material. But underneath of this agglomerate the breccia exists with the same typical flat rocks (nothing has been rolled) and the ferruginous materials. 100M to the east of the creek, two boulders of the same breccia exist, but the color is darker with the same flat rocks.

In the creek, concentrations of Kaolin are visible. Kaolin are all over the area.

The centre of the breccia is on Kimo claim No 4, seen from 13th Road and on the west logging accesses. The width has 75 M. It intrudes the ultramafic rock to the west and to the east outcrops are deeply altered and are still in place.

Breccia Zone Kimo claims (continued)

The alterations are related to carbonate clays (mainly montmorillonite or Kaolin, sericite, illite). The whole body seems to be tabular on its length and width.

Weathering and leaching by hydrothermal solutions is pervasive in the areas. Ferruginous alterations are visible in the creeks in the west. I cannot determine the thickness now, trenching has to be done. In some places yellow limonitic materials are abundant. Ferrocetes are seen in the creeks on the boulders.

Geology - Breccia Zone - Hydrothermal Associations

Weathering, oxidations and leaching by hydrothermal solutions is pervasive in the breccia, in the different exposures.

Biotitic alterations coincide zones of copper mineralization on Itula claims. One sample of clay has been analyzed and there has some montmorillonite in it (approximately 50%).

TECHNICAL DATA

Geochemistry - Survey of 1983 - 1984

Au - 50 ppb to 102 ppb  
Pb - 25, 37, 24, 9, 31, 160, 72, 38, 0, 72, 147, 108  
Zn - 137, 1220, 137, 296, 275, 74, 28, 32, 21  
Se - 141, 119, 125, 588, 215, 200  
Hg - 35 ppb, 70, 60, 15  
Bi - 26, 20, 12, 63, 38, 9, 1, 36, 41, 0, 0, 32, 86, 105  
Ag - 2.0, 1.1, 2.2, 3.3, 1.0, 1.5, 1.8, .7, 0, .1, .1, .5, 2.1, 2.5  
Cu - 182, 238, 71, 76, 78, 42, 24  
Ni - 324, 1410, 404, 404, 169, 214, 142, 217, 209

All the elements analyzed came from materials taken on the right bank of the Sovereign Creek. The following will demonstrate the variations of the elements found and related to a threshold taken in literature.

Ag - 54% above .9 ppm threshold  
Au - Just a few samples, some above threshold  
Pb - 68% above 20 ppm  
Zn - Highly anomalous and steady in samples  
Cu - Three highly anomalous  
Mo - Consistent association with this area  
As - 60% anomalous above 12 ppm threshold  
Se - 91% anomalous  
Bi - 72% anomalous above 5 ppm threshold

The environment is well mineralized. We did a new survey in the 1986 - 1987 season.

Geochemistry - Survey 1983 - 1984 (continued)

The values of Silver are quite anomalous reaching 3.3 grains.

Arsenic is high with values to 551 ppm - 100% anomalous.

Bismuth is strongly anomalous - 100%.

Copper with values up to 238 in breccia.

Molybdenum is strongly anomalous up to 80 ppm - 83%.

Lead also is very highly anomalous with 147 and 160 ppm - 80%.

Zinc anomalous - value up to 1220 - 33%.

Selenium has values up to 588 ppm.

Gold is high - 6 values above 10 ppb. 50/50/50/102/20/10/10/15/

10/20/5/5

Kaolinite is pervasive where the samples were taken. This region is in the breccia and also north of it.

Values of Min-En Laboratories report on soils

It is an epithermal type of deposit in the Quesnel gold belt. The presence of Gold alone is an important criteria for a claim group location and selection which I did from the tests and surveys.

The Gold is associated with anomalous arsenic, mercury, antimony, bismuth, lead, zinc and silver. Two targets for drilling (shallow). Huge surface anomaly.

GeochemistryKimo Geochem surveys - done by A. Fardal July 26, 1986

<u>HOLE NUMBER</u>	<u>DEPTH</u>	<u>COLOUR</u>	<u>KIND OF SOIL</u>
K-LE+ 00	7"	Greyish brown	Clay gravel
K-LE+ 25	4"	Greyish brown	Clay gravel
K-LE+ 50	5"	Light brown	Clay gravel
K-LE+ 75	8"	Light brown	Sandy
K-L1+ 00	6"	Sandy brown	Sandy
K-L1+100	8"	Light brown	Sandy
K-L1+200	8"	Greyish brown	Sandy clay
K-L1+300	8"	Light brown	Sandy clay
K-L1+400	8"	Greyish brown	Clay
K-L2+ 00	6"	Greyish brown	Sandy clay
K-L2+100	6"	Light brown	Sandy clay
K-L2+200	8"	Light brown	Sandy
K-L2+300	7"	Light brown	Sandy clay
K-L2+400	7"	Light brown	Sandy
K-L3+ 00	8"	Rusty brown	Sandy
K-L3+100	8"	Light brown	Sandy clay
K-L3+200	8"	Light brown	Sandy clay
K-L3+300	8"	Greyish brown	Sandy
K-L3+400	8"	Light brown	Sandy clay

Kimo - Itula Claims analyses 1986 - 1987

SAMPLE #	AG	AS	CU	MO	PB	ZN	AU(ppb)
K-L1+ 00	.5	1	5	3	22	29	3
K-L1+100	.5	2	12	6	24	51	2
K-L1+200	.9	17	20	7	32	60	4
K-L1+300	.7	11	15	.7	28	51	3
K-L1+400	.7	13	36	9	38	64	2
K-L2+ 00	1.3	3	10	5	28	58	2
K-L2+100	.7	13	19	7	28	62	12
K-L2+200	.7	17	17	7	26	47	3
K-L2+300	.7	11	18	6	30	53	5
K-L2+400	.7	11	18	5	24	68	14
K-L3+ 00	.9	16	16	7	28	61	15
K-L3+100	.7	4	17	7	24	57	3
K-L3+200	.5	4	11	6	26	44	12
K-L3+300	.5	1	4	2	20	17	3
K-L3+400	.5	8	14	5	24	53	2
K-LC+ 00	.7	36	31	12	36	90	4
K-LC+ 25	.5	8	19	6	24	60	3
K-LC+ 50	.7	32	39	10	44	120	8
K-LC+ 75	.7	5	18	6	28	55	4
Threshold	.9	12 ppm		4ppm	20ppm	112ppm	4
Above	3	7		17	19	1	above 10 ppb

Kimo - Itula Claims Analyses 1986 - 1987

This geochem survey is not spectacular in soils but it shows a continuity of elements north of the first survey done in 1983 - 1984.

Mo - The presence of Molybdenum is constant.

Au - Constant presence and four anomalous values.

Pb - 100% anomalous - same as 1983 - 1984 .

Zn - One anomalous reading only, but presence is constant.

As - 37% anomalous above 12 ppm.

Ag - Three above .9 threshold - 10 close to threshold.



Values in rock

The ten rock samples which have been analyzed by the I.C.P. method are responsive to the first discoveries in this area.

SAMPLE #	AG	AS	CU	MO	PB	. ZN	AU	NATURE OF ROCK
K 1	2.3	30	127	19	68	268	5	Breccia
K 2	1.8	12	44	22	38	1240	3	Breccia
K 3	1.0	1	50	1	26	112	3	Micaceous shists, platy
K 4	.9	24	6	1	50	28	3	Ultrabasic
K 5	2.1	14	44	22	42	1220	8	Breccia
K 6	1.5	1	64	1	30	360	4	Itula-quartzites
K 7	.8	1	23	10	26	78	6	Conglomerate
K 8	1.3	31	25	9	32	54	4	Talcs - Limonitic rock
K 9	.8	1	9	2	20	32	4	Talcs - Limonitic rock
K10	1.0	1	14	1	30	8	5	1st quarry - blue/ grey heavy micas
Threshold	.9	12	80	4	20	112	1.8	
Above	9	5	1	5	10	5		
AG %	90	50		50	100	50		

Histogram

<u>%</u>	<u>AG</u>	<u>AS</u>	<u>MO</u>	<u>PB</u>	<u>ZN</u>
100				*	
90	*			*	
80	*			*	
70	*			*	
60	*			*	
50	*	*	*	*	*
40	*	*	*	*	*
30	*	*	*	*	*
20	*	*	*	*	*
10	*	*	*	*	*
0	*	*	*	*	*

The breccia samples analyzed gave the following values:

	<u>AG</u>	<u>AS</u>	<u>BI</u>	<u>CU</u>	<u>MO</u>	<u>PB</u>	<u>ZN</u>	<u>SE</u>	<u>HG</u>	<u>AU</u>
<u>In 1983-1984</u>										
	2.02	215	63	182	34	31	275			
	2.1	525	86	238	78	147	296	588	60	
	2.5	551	105	42	80	107	1220	31		
<u>In 1986-1987</u>										
	2.3	30		127	19	68	268			5
	1.8	12		44	22	38	1240			3
	2.1	14		44	22	42	1220			8

Comparison of values with last survey in Breccia

Silver - Is high in all the samples of breccia wherever the samples are taken.

Arsenic - Is high in all the samples but higher in the ones taken in 1983 - 1984.

Copper - One high today, two high in 1983 - 1984.

Molybdenum - Is high in all the samples wherever they are taken on the sites.

Lead - Is very high everywhere.

Zinc - Is very high everywhere.

Gold - Is low but present in all the samples.

Rock Sampling Kimo-Itula claims 1986-1987

<u>SAMPLE #</u>	<u>BRIEF DESCRIPTION</u>
XR 1	Breccia - angular with platy small elements cemented by hematite.
XR 2	Breccia, flat elements plus rounded pebbles cement
XR 3	Grey platy micaceous material, some pyrites
XR 4	Ultrabasic, from west of claims. Chromite scale, pyrites, sulfides.
XR 5	Breccia
XR 6	Itula quartzite, fine grained, extensive ferruginous alterations. Black green blue micas (muscovite) oxidations.
XR 7	Conglomerate ? still explosive breccia but rounded pebble with flat elements.
XR 8	Oxidized with flat elements from tables above breccia. Deep brown (illite).
XR 9	Same as above, more oxidized sample. Reddish color.
XR10	First quarry, grey phyllites, micaceous, fine pyrites. Small oxidations, muscovite.

Min-En File 6-1287-3-7845

	AS	CU	MO	PB	ZN	AU	CORRELATION
Ag - As	.781						Ag As Cu Mo Pb Zn Au
Ag - Cu		.634					
Ag - Mo			.826				
Ag - Pb				.782			
Ag - Zn					.652		
Ag - Au						.519	
As - Cu		.870	.936	.959	.731	.457	As Cu Mo Pb Zn Au
Cu - Mo			.919	.943	.892	.467	Cu Mo Pb Zn Au
Mo				.968	.843	.550	Mo Pb Zn Au
Pb					.814	.539	Pb Zn Au
Zn						.507	Zn Au

Characteristic trace elements in order of abundance:

Pb Mo Zn Au

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(ACT:6ED27) PAGE 1 OF 1  
FILE NO: 7-058  
\* TYPE ROCK GEOCHEM \* DATE: FEB 3, 1987

(VALUES IN PPM )	AG	AS	CU	MO	PB	ZN	AU-PPB
K-1	2.3	30	127	19	68	268	5
K-2	1.8	12	44	22	38	1240	3
K-3	1.0	1	50	1	26	112	3
K-4	.9	24	6	1	50	28	3
K-5	2.1	14	44	22	42	1220	8
K-6	1.5	1	64	1	30	360	4
K-7	.8	1	23	10	26	78	6
K-8	1.3	31	25	9	32	54	4
K-9	.8	1	9	2	20	32	4
K-10	1.0	1	14	1	30	8	3

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## ANALYTICAL REPORT

Project K L1-L3 Date of report Dec. 23, 1986

File No. 6-1287 Date samples received Dec. 12, 1986

Samples submitted by: R. Trifaux

Company: \_\_\_\_\_

Report on: 19 Geochem samples

Assay samples

Copies sent to:

1. R. Trifaux, Coquitlam, B.C.

2. \_\_\_\_\_

3. \_\_\_\_\_

Samples: Sieved to mesh -80 Ground to mesh \_\_\_\_\_

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: Au-fire; 6 element trace ICP

Remarks: \_\_\_\_\_

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**SPECIALISTS IN MINERAL ENVIRONMENTS**

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**CORRELATION COEFFICIENTS**

COMPANY: R. TRIFAU  
ATTN: R. TRIFAU  
PROJECT: KIMO  
FILE#: 6-1287/3-784S

DATE: FEB 3/87  
SAMPLE TYPE: SOILS  
ANALYSIS TYPE: ICP

THE TABLE BELOW REPRESENTS THE PEARSON CORRELATION MATRIX,  
SHOWING THE INTER-ELEMENT CORRELATION COEFFICIENTS. THOSE VALUES THAT  
EXCEED THEIR CRITICAL VALUE FOR .01 LEVEL OF SIGNIFICANCE ARE SHOWN  
IN DARKER PRINT AND UNDERLINED.

	AG	AS	CU	MO	PB	ZN	AU
AG	1.000	<u>.781</u>	<u>.634</u>	<u>.826</u>	<u>.782</u>	<u>.652</u>	<u>.519</u>
AS		1.000	<u>.870</u>	<u>.936</u>	<u>.959</u>	<u>.731</u>	<u>.457</u>
CU			1.000	<u>.919</u>	<u>.943</u>	<u>.892</u>	<u>.467</u>
MO				1.000	<u>.968</u>	<u>.843</u>	<u>.550</u>
PB					1.000	<u>.814</u>	<u>.539</u>
ZN						1.000	<u>.507</u>
AU							1.000



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**STATISTICAL SUMMARY ON AG**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMD  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 24  
 MAXIMUM VALUE: 1.80 PPM  
 MINIMUM VALUE: .50 PPM  
 MEAN: .89 PPM  
 STD. DEVIATION: .44 PPM  
 COEFF. OF VARIATION: .49

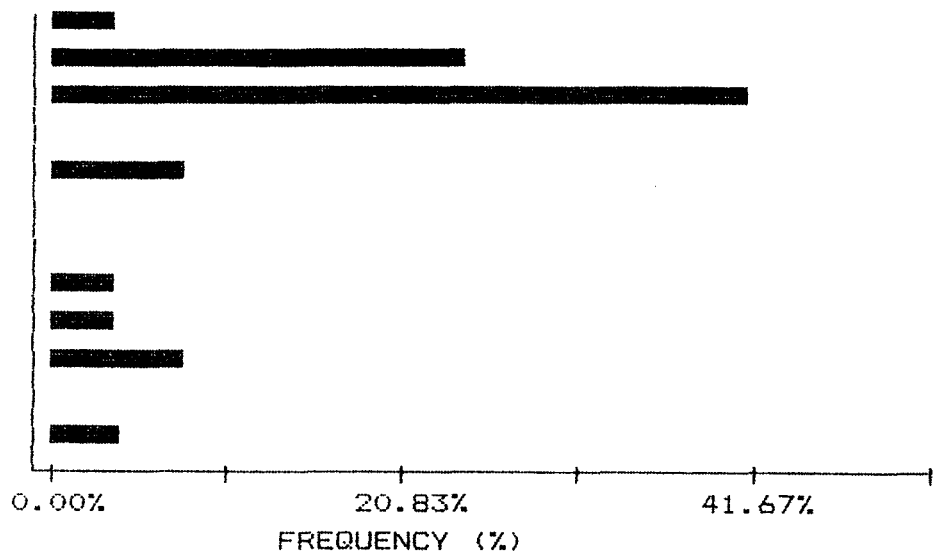
5 HIGHEST AG VALUES:  
 BL10ND.2 1.8 PPM  
 BL3ND.1A 1.8 PPM  
 BL10ND.3 1.6 PPM  
 NO.3X 1.6 PPM  
 BL10ND.1 1.5 PPM

HISTOGRAM FOR AG

CLASS INTERVAL = .13

MID CLASS	CLASS
PPM	%

<	.50	4.17
	.56	25.00
	.69	41.67
	.82	0.00
	.95	8.33
	1.08	0.00
	1.21	0.00
	1.34	4.17
	1.47	4.17
	1.60	8.33
	1.73	0.00
>	1.80	4.17



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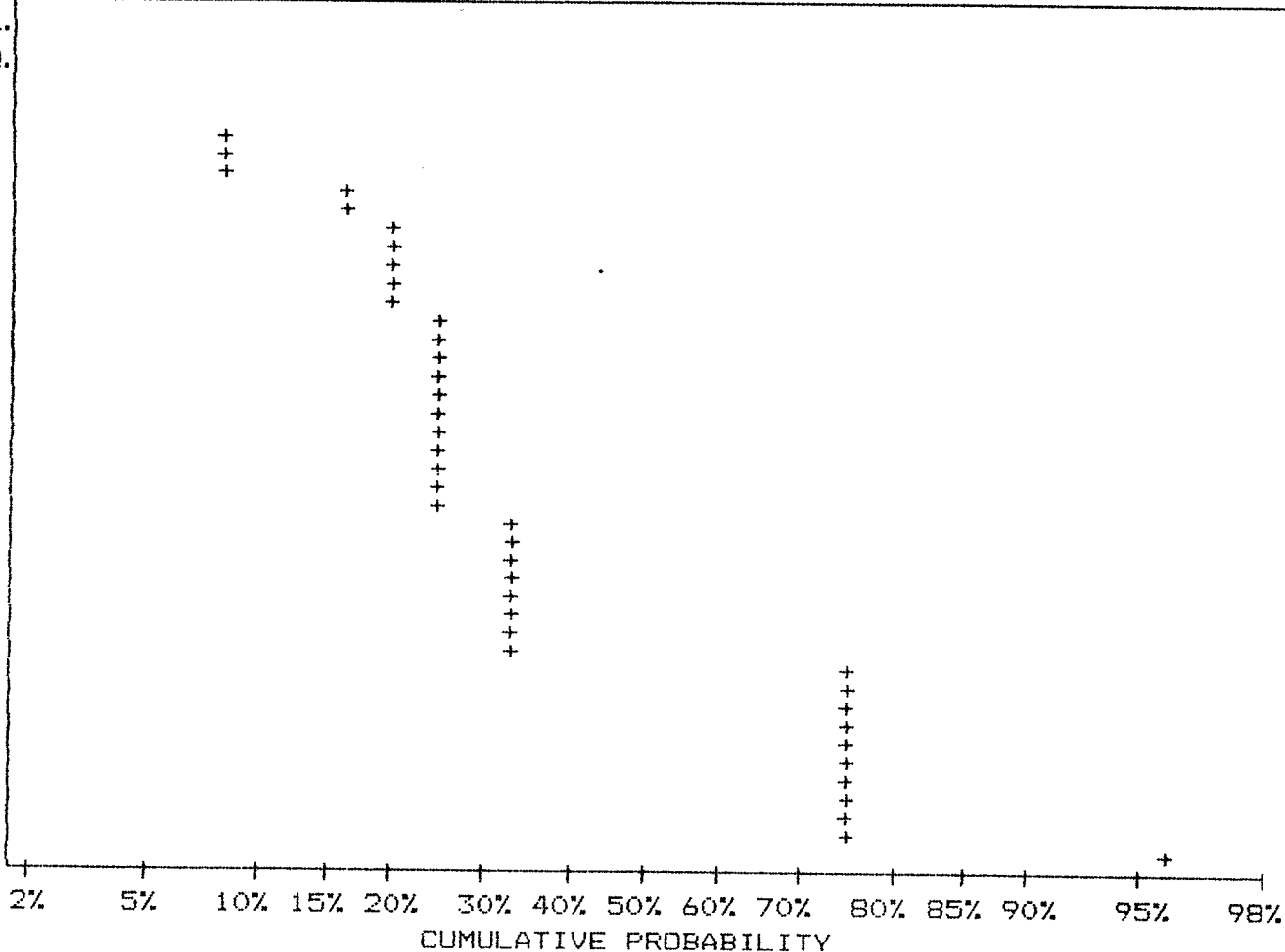
TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**CUMMULATIVE PROBABILITY PLOT ON AG**

COMPANY: R. TRIFAU  
 ATTN: R. TRIFAU  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
1.70	8.33
1.60	16.67
1.50	20.83
1.40	20.83
1.31	20.83
1.23	25.00
1.16	25.00
1.08	25.00
1.02	25.00
.95	25.00
.89	33.33
.84	33.33
.78	33.33
.74	33.33
.69	75.00
.65	75.00
.61	75.00
.57	75.00
.53	75.00
.50	95.83



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**STATISTICAL SUMMARY ON AS**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

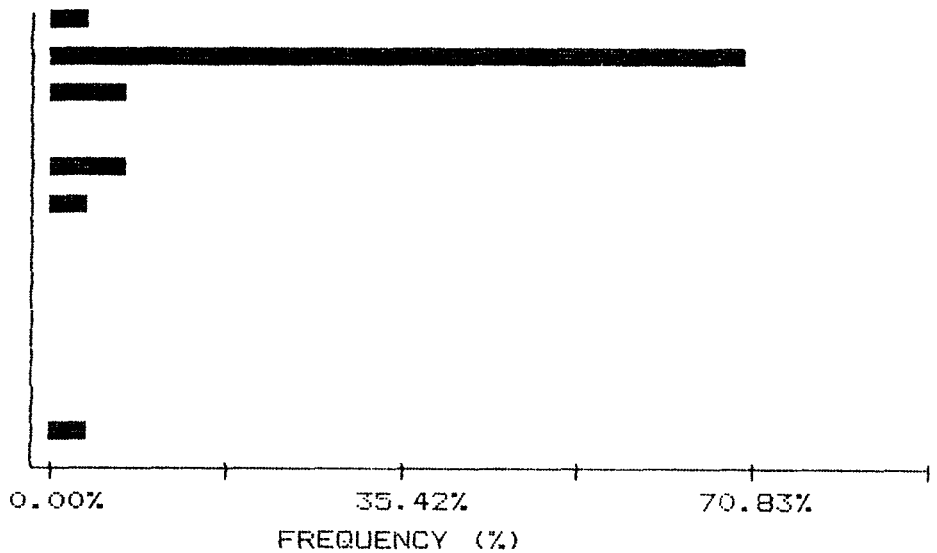
NUMBER OF SAMPLES: 24  
 MAXIMUM VALUE: 236.00 PPM  
 MINIMUM VALUE: 1.00 PPM  
 MEAN: 37.46 PPM  
 STD. DEVIATION: 62.21 PPM  
 COEFF. OF VARIATION: 1.66

5 HIGHEST AS VALUES:  
 NO.3X 236 PPM  
 BL3ND.1A 206 PPM  
 BL10ND.1 101 PPM  
 BL10ND.3 77 PPM  
 BL10ND.2 66 PPM

HISTOGRAM FOR AS CLASS INTERVAL = 20.5

MID CLASS PPM	CLASS %
---------------	---------

< 1.00	4.17
11.25	70.83
31.75	8.33
52.25	0.00
72.75	8.33
93.25	4.17
113.75	0.00
134.25	0.00
154.75	0.00
175.25	0.00
195.75	0.00
> 206.00	4.17



SPECIALISTS IN MINERAL ENVIRONMENTS

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

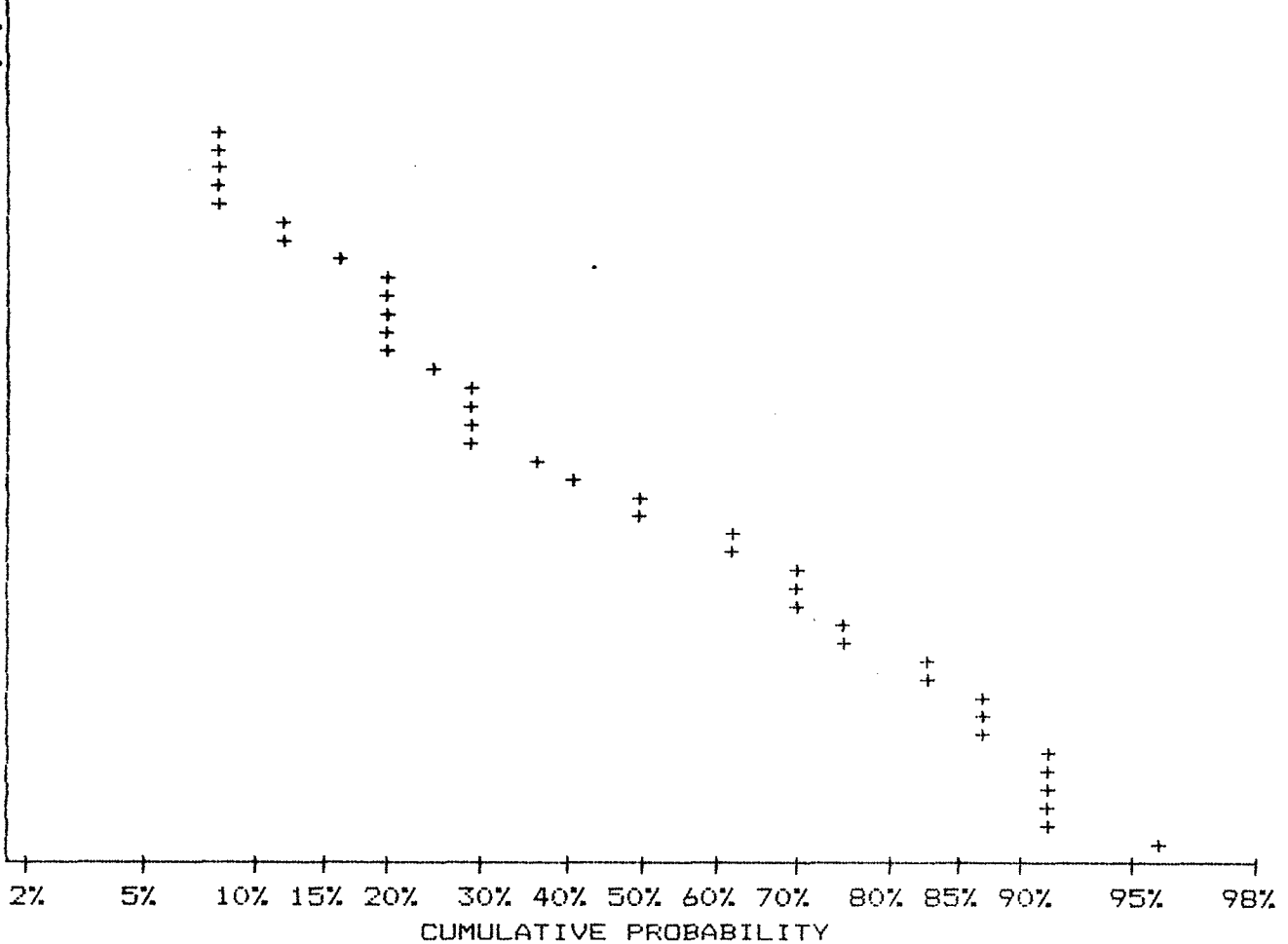
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON AS**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
159.96	8.33
122.46	8.33
93.76	12.50
71.78	16.67
54.95	20.83
42.07	20.83
32.21	25.00
24.66	29.17
18.88	29.17
14.45	41.67
11.07	50.00
8.47	62.50
6.49	70.83
4.97	75.00
3.80	83.33
2.91	87.50
2.23	87.50
1.71	91.67
1.31	91.67
1.00	95.83



**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON CU**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMD  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

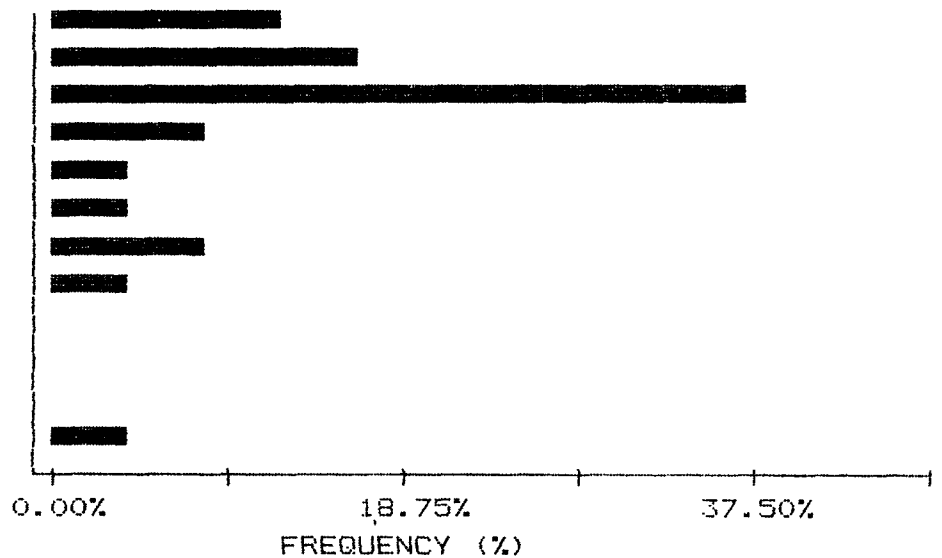
NUMBER OF SAMPLES: 24  
 MAXIMUM VALUE: 78.00 PPM  
 MINIMUM VALUE: 4.00 PPM  
 MEAN: 23.21 PPM  
 STD. DEVIATION: 16.50 PPM  
 COEFF. OF VARIATION: .71

5 HIGHEST CU VALUES:  
 BL3NO.1A 78 PPM  
 NO.3X 56 PPM  
 KLE+50 40M 39 PPM  
 KL1+400 36 PPM  
 BL10NO.1 35 PPM

HISTOGRAM FOR CU

CLASS INTERVAL = 4.6

MID CLASS	CLASS
PPM	%
< 10.00	12.50
12.30	16.67
16.90	37.50
21.50	8.33
26.10	4.17
30.70	4.17
35.30	8.33
39.90	4.17
44.50	0.00
49.10	0.00
53.70	0.00
> 56.00	4.17



SPECIALISTS IN MINERAL ENVIRONMENTS

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

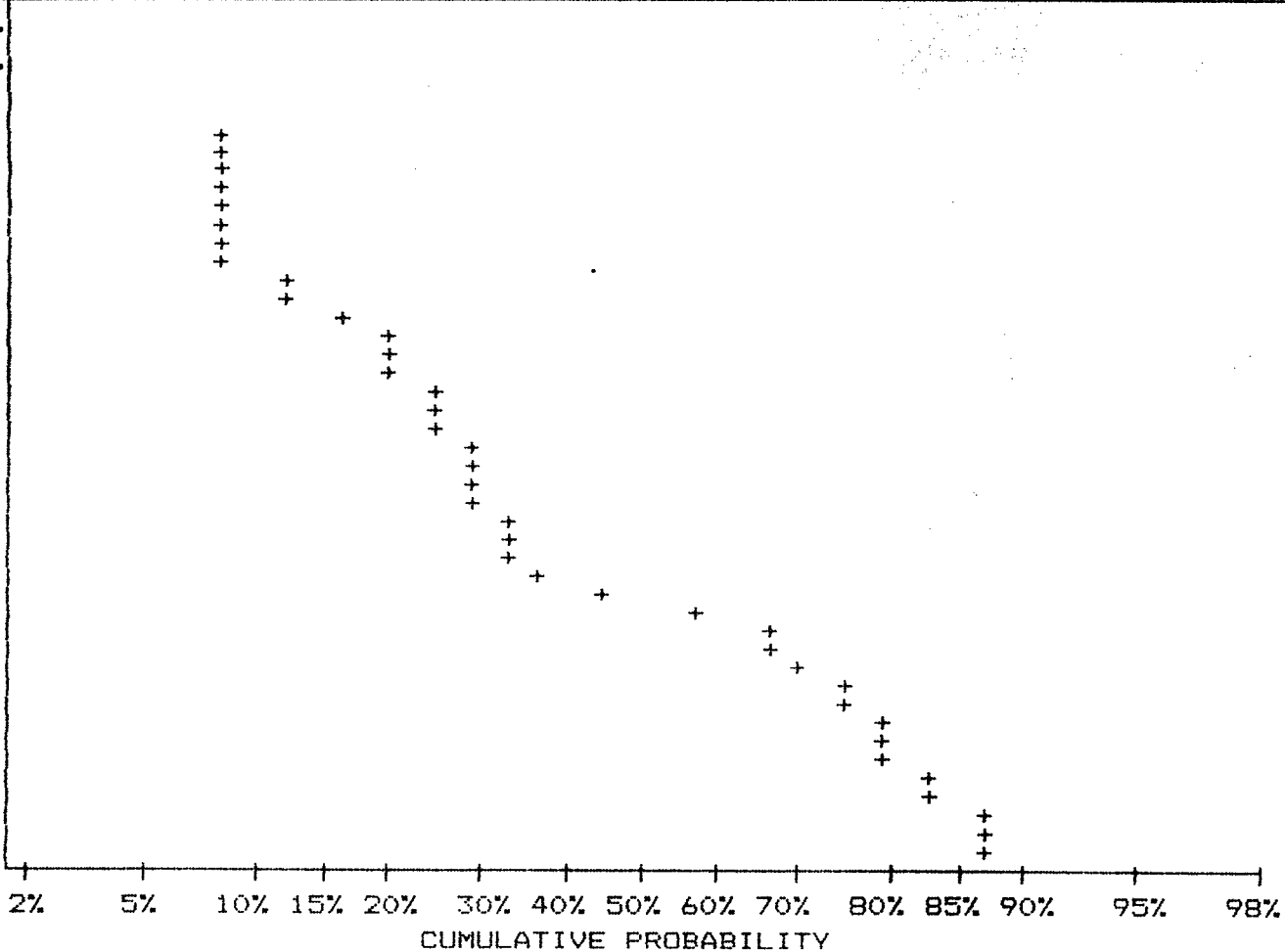
TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**CUMMULATIVE PROBABILITY PLOT ON CU**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
52.72	8.33
48.31	8.33
44.26	8.33
40.55	8.33
37.15	12.50
34.04	20.83
31.19	20.83
28.58	25.00
26.18	29.17
23.99	29.17
21.98	33.33
20.14	33.33
18.45	45.83
16.90	66.67
15.49	70.83
14.19	75.00
13.00	79.17
11.91	83.33
10.91	87.50
10.00	87.50



**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON MO**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 24  
 MAXIMUM VALUE: 31.00 PPM  
 MINIMUM VALUE: 2.00 PPM  
 MEAN: 9.42 PPM  
 STD. DEVIATION: 6.78 PPM  
 COEFF. OF VARIATION: .72

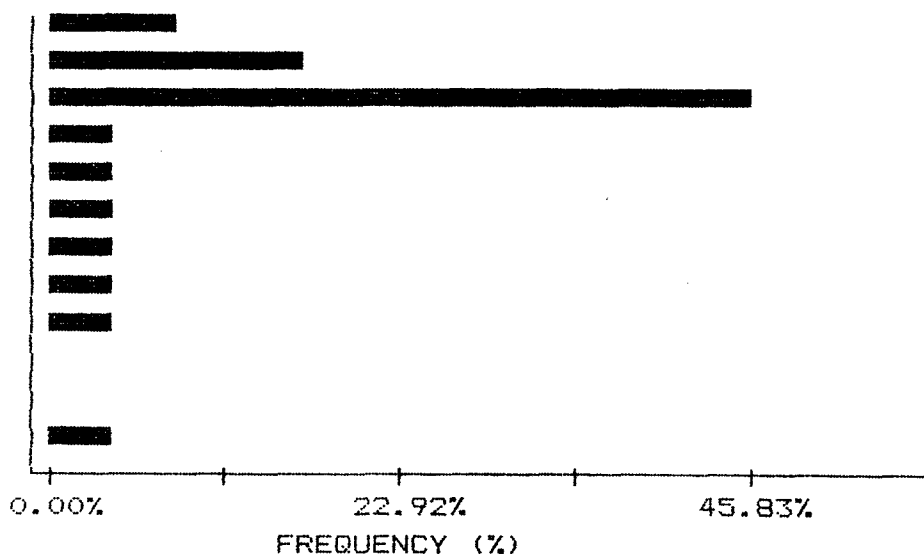
5 HIGHEST MO VALUES:  
 BL3ND.1A 31 PPM  
 ND.3X 23 PPM  
 BL10ND.3 18 PPM  
 BL10ND.1 17 PPM  
 BL10ND.2 14 PPM

**HISTOGRAM FOR MO**

CLASS INTERVAL = 2

MID CLASS PPM	CLASS %
---------------	---------

< 3.00	8.33
4.00	16.67
6.00	45.83
8.00	4.17
10.00	4.17
12.00	4.17
14.00	4.17
16.00	4.17
18.00	4.17
20.00	0.00
22.00	0.00
> 23.00	4.17

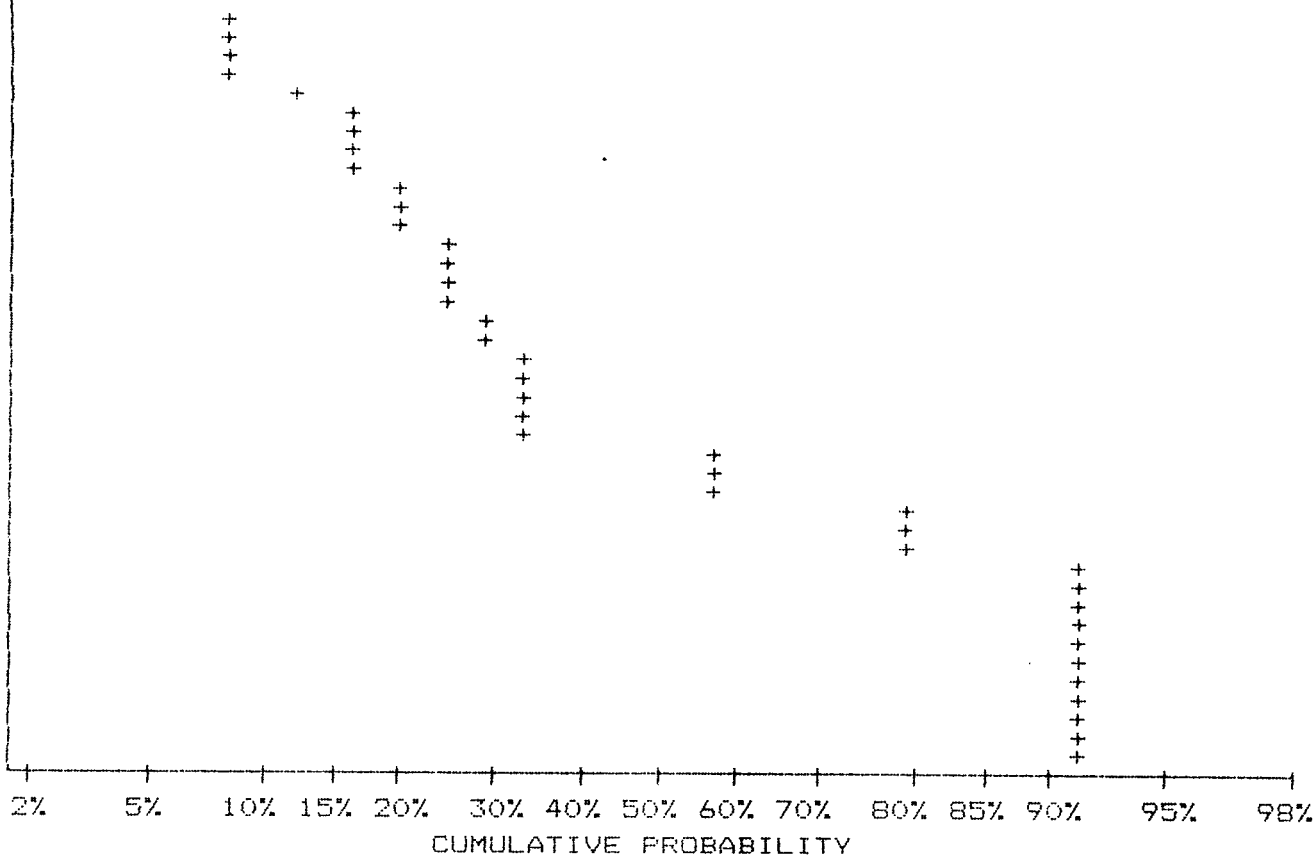


**CUMMULATIVE PROBABILITY PLOT ON MO**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

UPPER LIMIT ( PPM)	CUMMUL. FREQ. (%)
20.56	8.33
18.58	8.33
16.79	16.67
15.17	16.67
13.71	20.83
12.39	20.83
11.20	25.00
10.12	25.00
9.14	29.17
8.26	33.33
7.47	33.33
6.75	58.33
6.10	58.33
5.51	79.17
4.98	91.67
4.50	91.67
4.06	91.67
3.67	91.67
3.32	91.67
3.00	91.67





**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON PB**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 24  
 MAXIMUM VALUE: 108.00 PPM  
 MINIMUM VALUE: 20.00 PPM  
 MEAN: 36.79 PPM  
 STD. DEVIATION: 21.34 PPM  
 COEFF. OF VARIATION: .58

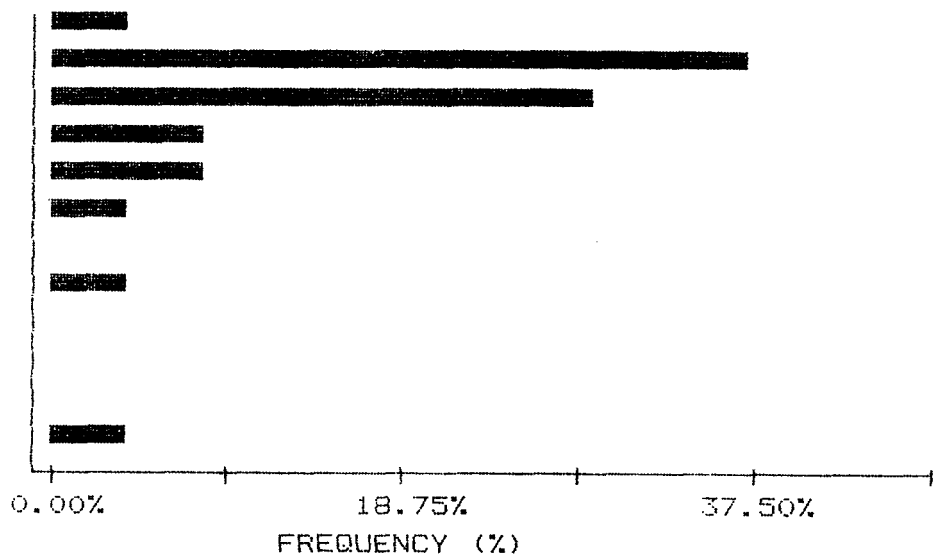
5 HIGHEST PB VALUES:  
 BL3ND.1A 108 PPM  
 NO.3X 86 PPM  
 BL10ND.1 64 PPM  
 BL10ND.3 49 PPM  
 KLE+50 40M 44 PPM

HISTOGRAM FOR PB

CLASS INTERVAL = 6.6

MID CLASS PPM	CLASS %
---------------	---------

< 20.00	4.17
23.30	37.50
29.90	29.17
36.50	8.33
43.10	8.33
49.70	4.17
56.30	0.00
62.90	4.17
69.50	0.00
76.10	0.00
82.70	0.00
> 86.00	4.17



**CUMMULATIVE PROBABILITY PLOT ON PB**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

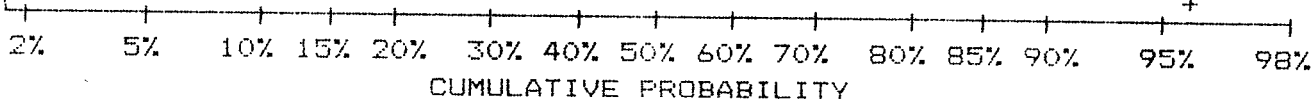
SAMPLE TYPE: SOILS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 6-1287/3-7846

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
81.10	8.33
75.34	8.33
69.98	8.33
65.02	8.33
60.40	12.50
56.10	12.50
52.12	12.50
48.42	16.67
44.98	16.67
41.78	25.00
38.82	25.00
36.06	29.17
33.50	33.33
31.12	37.50
28.90	41.67
26.86	62.50
24.94	70.83
23.18	91.67
21.52	95.83
20.00	95.83



**STATISTICAL SUMMARY ON ZN**

COMPANY: R. TRIFAUX  
 ATTN: R. TRIFAUX  
 PROJECT: KIMO  
 FILE#: 6-1287/3-7845

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

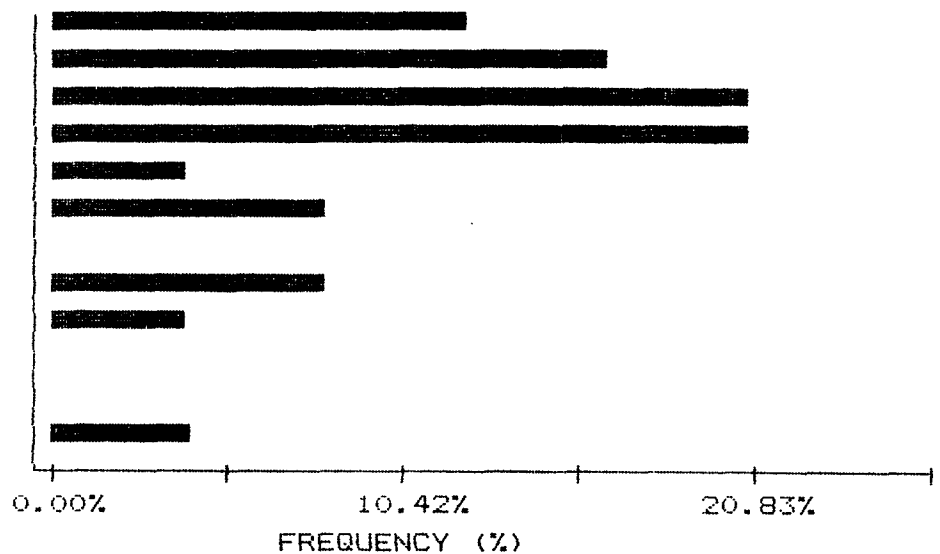
NUMBER OF SAMPLES: 24  
 MAXIMUM VALUE: 137.00 PPM  
 MINIMUM VALUE: 17.00 PPM  
 MEAN: 66.08 PPM  
 STD. DEVIATION: 26.72 PPM  
 COEFF. OF VARIATION: .40

5 HIGHEST ZN VALUES:  
 BL3ND.1A 137 PPM  
 KLE+50 40M 120 PPM  
 ND.3X 100 PPM  
 KLE+00 40M 90 PPM  
 BL10ND.3 90 PPM

HISTOGRAM FOR ZN

CLASS INTERVAL = 7.6

MID CLASS	CLASS
PPM	%
< 44.00	12.50
47.80	16.67
55.40	20.83
63.00	20.83
70.60	4.17
78.20	8.33
85.80	0.00
93.40	8.33
101.00	4.17
108.60	0.00
116.20	0.00
> 120.00	4.17

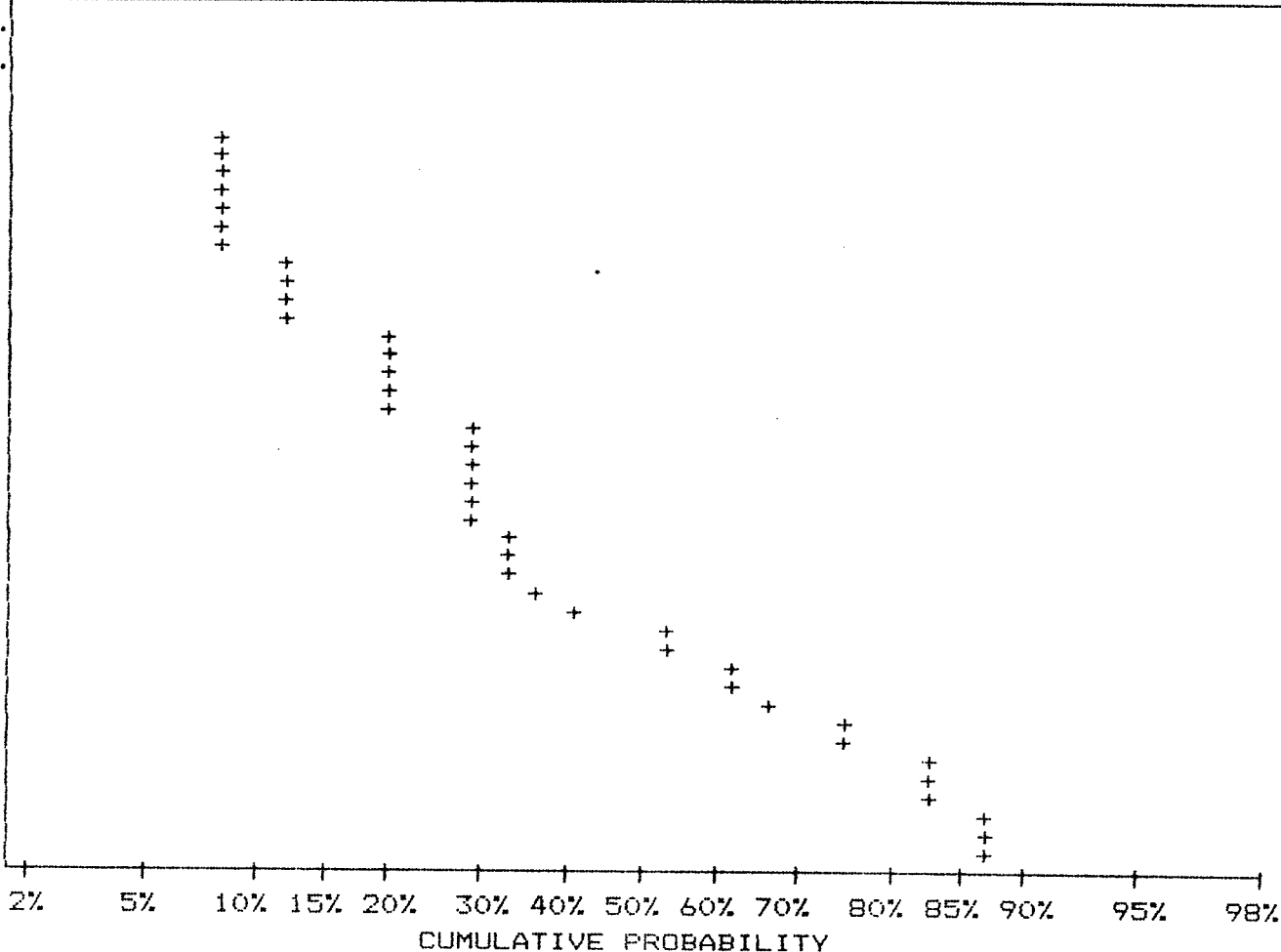


**CUMMULATIVE PROBABILITY PLOT ON ZN**

COMPANY: R. TRIFAU  
 ATTN: R. TRIFAU  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
115.19	8.33
109.52	8.33
104.10	8.33
98.96	12.50
94.07	12.50
89.41	20.83
85.01	20.83
80.83	20.83
76.82	29.17
73.04	29.17
69.43	29.17
66.00	33.33
62.74	37.50
59.62	54.17
56.67	62.50
53.90	66.67
51.22	75.00
48.71	83.33
46.29	87.50
44.00	87.50



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**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON AU**

COMPANY: R. TRIFAUX  
ATTN: R. TRIFAUX  
PROJECT: KIMO  
FILE#: 6-1287/3-784S

DATE: FEB 3/87  
SAMPLE TYPE: SOILS  
ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 24  
MAXIMUM VALUE: 20.00 PPB  
MINIMUM VALUE: 2.00 PPB  
MEAN: 7.04 PPB  
STD. DEVIATION: 5.71 PPB  
COEFF. OF VARIATION: .81

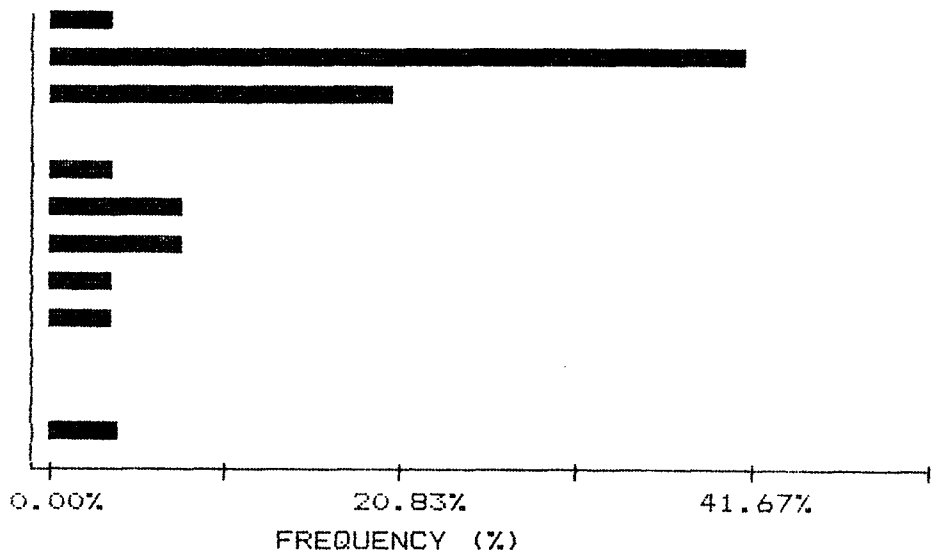
5 HIGHEST AU VALUES:  
BL10ND.1 20 PPB  
BL3ND.1A 20 PPB  
KL3+00 15 PPB  
KL2+400 14 PPB  
KL2+100 12 PPB

HISTOGRAM FOR AU

CLASS INTERVAL = 1.8

MID CLASS	CLASS
PPB	%

<	2.00	4.17
	2.90	41.67
	4.70	20.83
	6.50	0.00
	8.30	4.17
	10.10	8.33
	11.90	8.33
	13.70	4.17
	15.50	4.17
	17.30	0.00
	19.10	0.00
>	20.00	4.17



**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

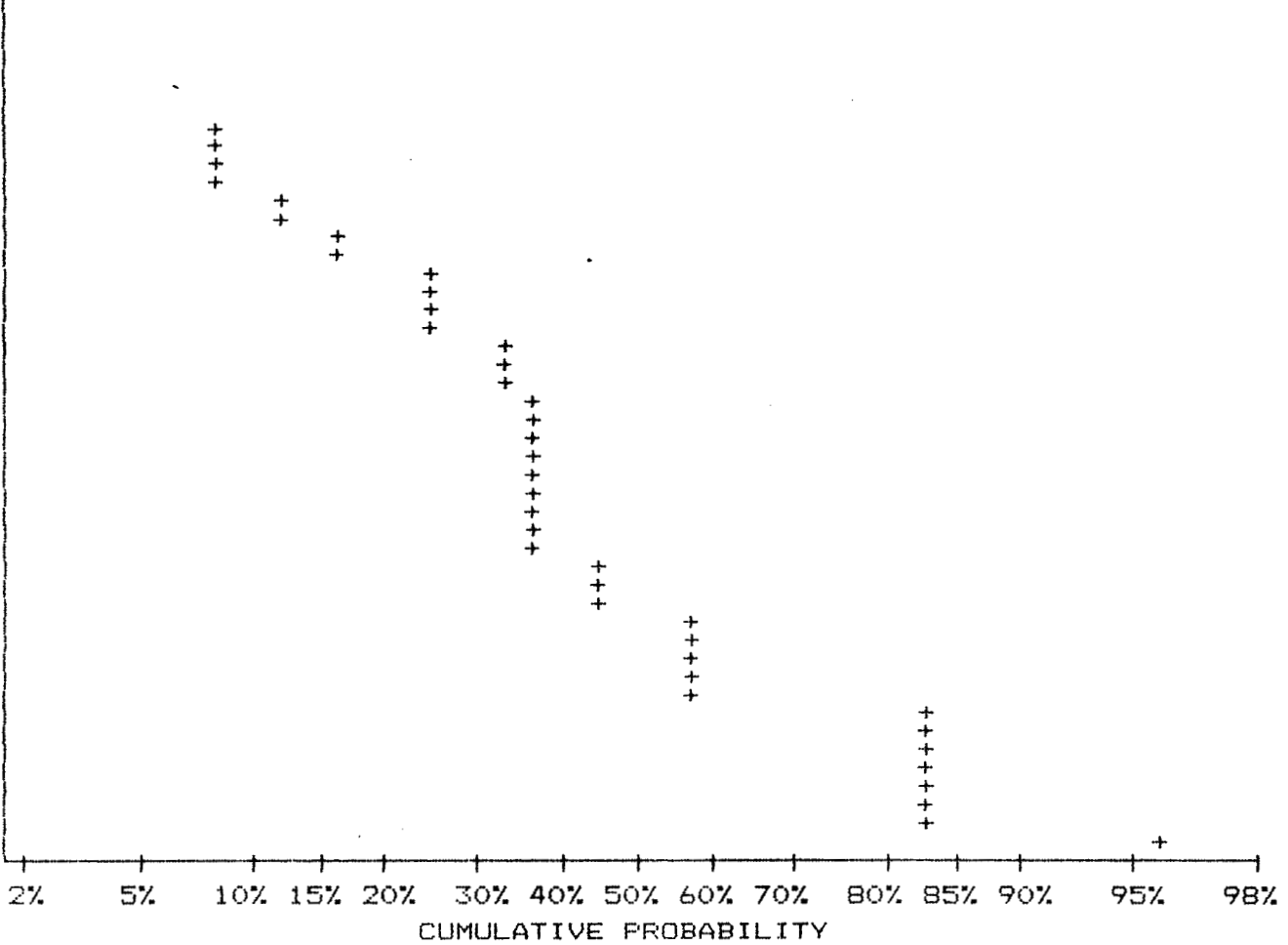
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON AU**

COMPANY: R. TRIFAU  
 ATTN: R. TRIFAU  
 PROJECT: KIMO  
 FILE#: 6-1287/3-784S

DATE: FEB 3/87  
 SAMPLE TYPE: SOILS  
 ANALYSIS TYPE: ICP

UPPER LIMIT (PPB)	CUMMUL. FREQ. (%)
17.83	8.33
15.89	8.33
14.16	12.50
12.62	16.67
11.25	25.00
10.02	25.00
8.93	33.33
7.96	37.50
7.10	37.50
6.32	37.50
5.64	37.50
5.02	37.50
4.48	45.83
3.99	58.33
3.56	58.33
3.17	58.33
2.83	83.33
2.52	83.33
2.24	83.33
2.00	95.83



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SPECIALISTS IN MINERAL ENVIRONMENTS

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CORRELATION COEFFICIENTS

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

THE TABLE BELOW REPRESENTS THE PEARSON CORRELATION MATRIX,  
SHOWING THE INTER-ELEMENT CORRELATION COEFFICIENTS. THOSE VALUES THAT  
EXCEED THEIR CRITICAL VALUE FOR .01 LEVEL OF SIGNIFICANCE ARE SHOWN  
IN DARKER PRINT AND UNDERLINED.

	AG	AS	CU	MO	PB	ZN
AG	1.000	<u>.631</u>	.004	.502	<u>.702</u>	<u>.506</u>
AS		1.000	.418	<u>.940</u>	<u>.588</u>	<u>.830</u>
CU			1.000	.385	.153	.147
MO				1.000	<u>.593</u>	<u>.810</u>
PB					1.000	.424
ZN						1.000

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**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**STATISTICAL SUMMARY ON AG**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

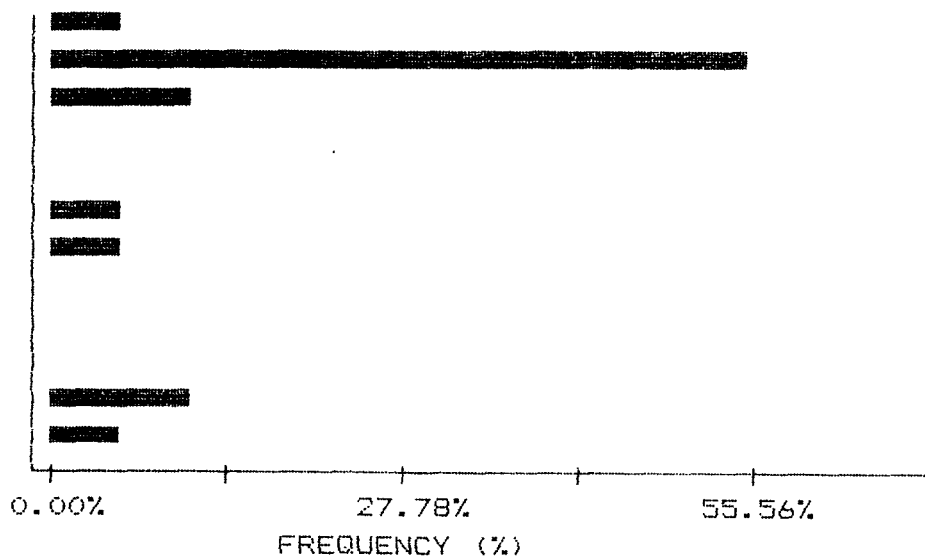
NUMBER OF SAMPLES: 18  
 MAXIMUM VALUE: 2.50 PPM  
 MINIMUM VALUE: .10 PPM  
 MEAN: .74 PPM  
 STD. DEVIATION: .89 PPM  
 COEFF. OF VARIATION: 1.20

5 HIGHEST AG VALUES:  
 S5P2 2.5 PPM  
 1 ROCK 2.2 PPM  
 BL2NO.2A 2.1 PPM  
 NO.3Y 2.1 PPM  
 BL1NO.1A 1.3 PPM

HISTOGRAM FOR AG

CLASS INTERVAL = .21

MID CLASS	CLASS
PPM	%
< .10	5.56
.21	55.56
.42	11.11
.63	0.00
.84	0.00
1.05	5.56
1.26	5.56
1.47	0.00
1.68	0.00
1.89	0.00
2.10	11.11
> 2.20	5.56





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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON AG**

COMPANY: R. TRIFAUX

ATTN: R. TRIFAUX

PROJECT: KIMO

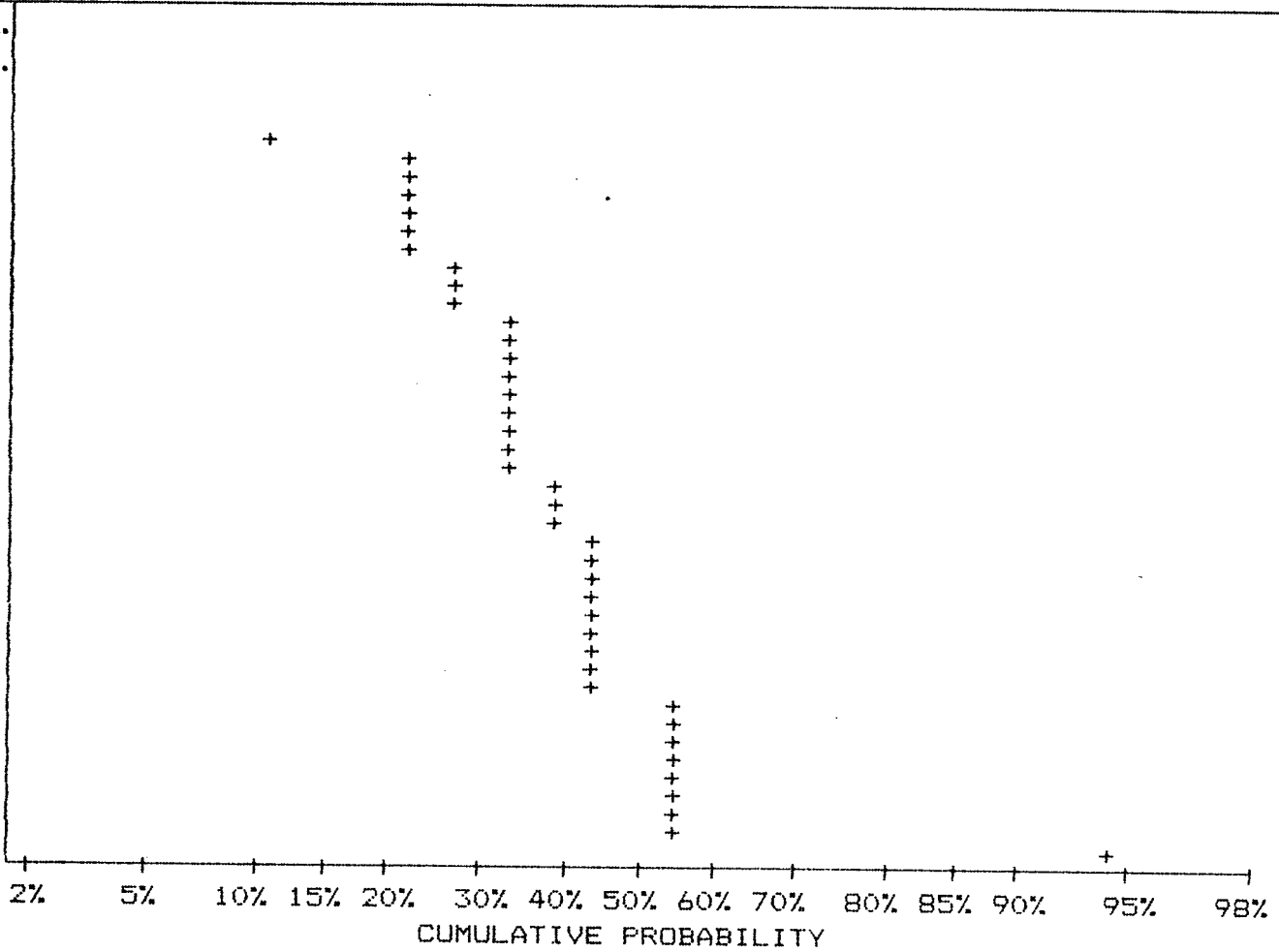
FILE#: 1983 KIMO PROJECT FILES

DATE: FEB 3/87

SAMPLE TYPE: ROCKS

ANALYSIS TYPE: ICP

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
1.96	22.22
1.67	22.22
1.43	22.22
1.22	27.78
1.05	27.78
.90	33.33
.77	33.33
.65	33.33
.56	33.33
.48	38.89
.41	38.89
.35	44.44
.30	44.44
.26	44.44
.22	44.44
.19	55.56
.16	55.56
.14	55.56
.12	55.56
.10	94.44



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

TELEX: 04-352828      PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON AS**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

NUMBER OF SAMPLES: 18  
 MAXIMUM VALUE: 551.00 PPM  
 MINIMUM VALUE: 1.00 PPM  
 MEAN: 89.11 PPM  
 STD. DEVIATION: 171.80 PPM  
 COEFF. OF VARIATION: 1.93

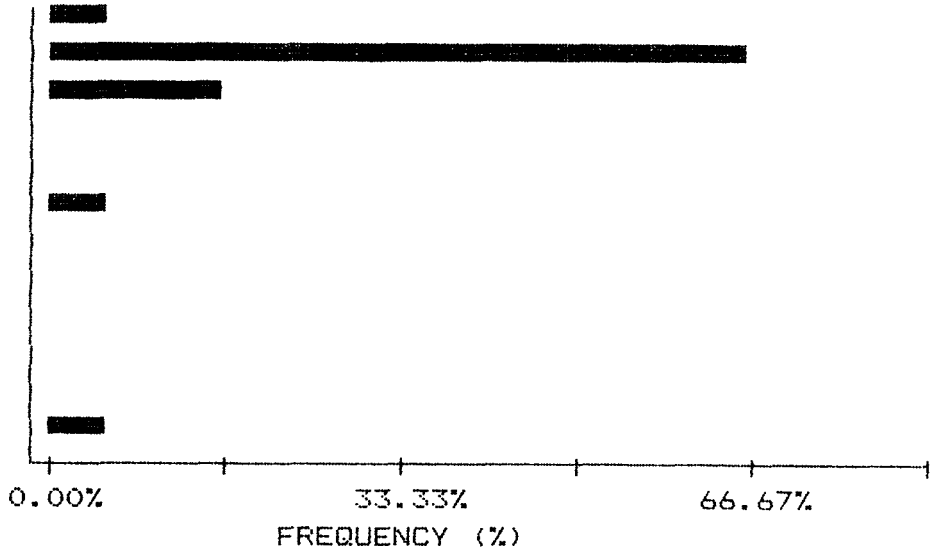
5 HIGHEST AS VALUES:  
 S5P2 551 PPM  
 BL2ND.2A 525 PPM  
 MINEN-6083 215 PPM  
 S4P3 81 PPM  
 BL1ND.1A 69 PPM

HISTOGRAM FOR AS

CLASS INTERVAL = 52.4

MID CLASS PPM	CLASS %
---------------	---------

< 1.00	5.56
27.20	66.67
79.60	16.67
132.00	0.00
184.40	0.00
236.80	5.56
289.20	0.00
341.60	0.00
394.00	0.00
446.40	0.00
498.80	0.00
> 525.00	5.56



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**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON AS**

COMPANY: R. TRIFAUX

ATTN: R. TRIFAUX

PROJECT: KIMO

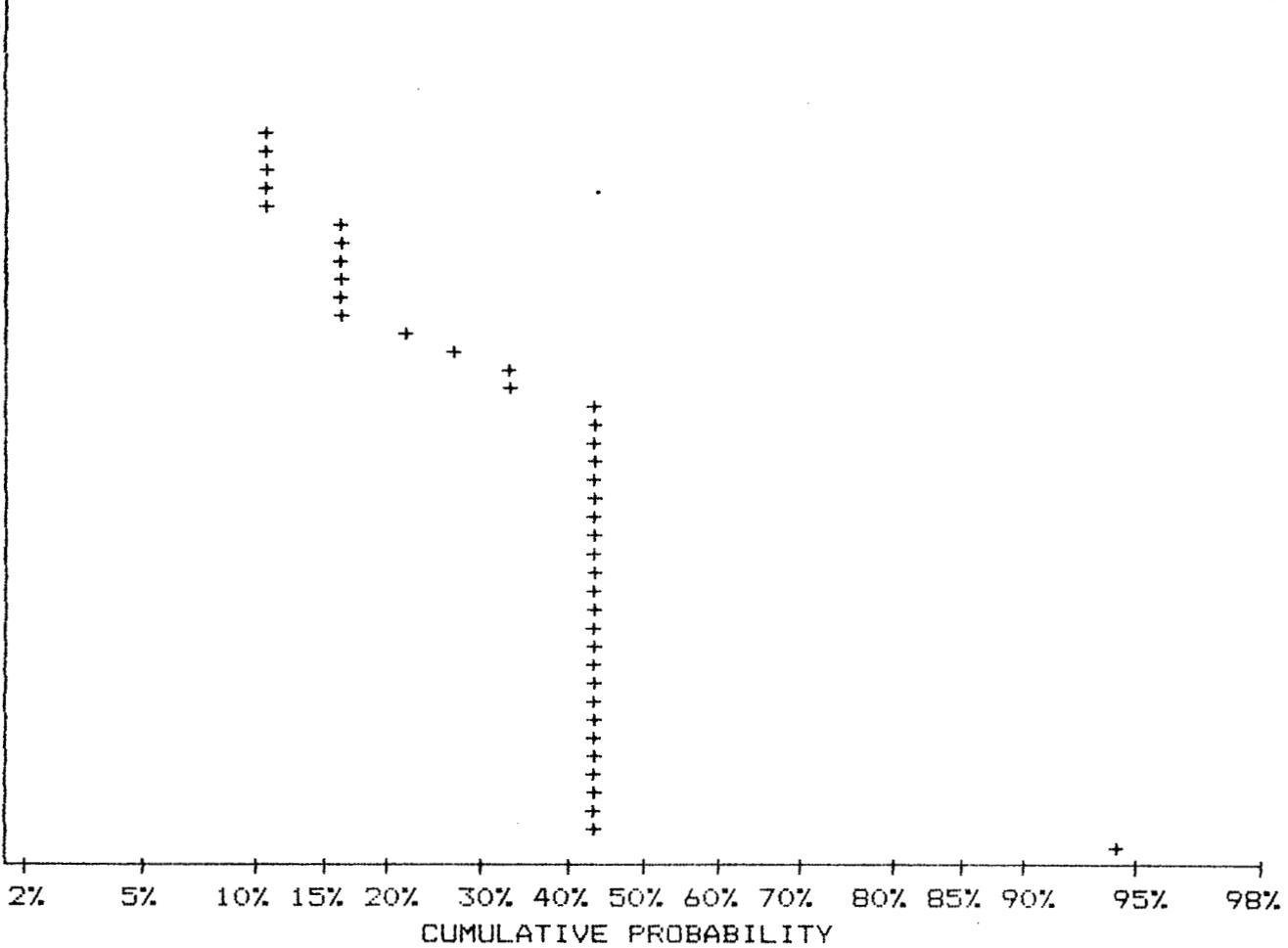
FILE#: 1983 KIMO PROJECT FILES

DATE: FEB 3/87

SAMPLE TYPE: ROCKS

ANALYSIS TYPE: ICP

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
383.71	11.11
280.54	11.11
205.12	16.67
149.97	16.67
109.65	16.67
80.17	22.22
58.61	33.33
42.86	44.44
31.33	44.44
22.91	44.44
16.75	44.44
12.25	44.44
8.95	44.44
6.55	44.44
4.79	44.44
3.50	44.44
2.56	44.44
1.87	44.44
1.37	44.44
1.00	94.44



**MIN-EN LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON CU**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

NUMBER OF SAMPLES: 18  
 MAXIMUM VALUE: 241.00 PPM  
 MINIMUM VALUE: 4.00 PPM  
 MEAN: 62.78 PPM  
 STD. DEVIATION: 76.43 PPM  
 COEFF. OF VARIATION: 1.22

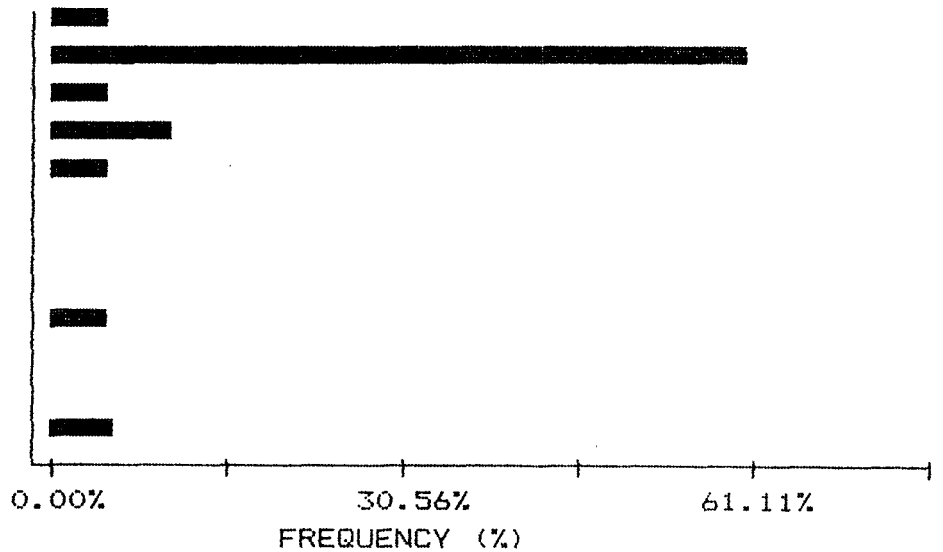
5 HIGHEST CU VALUES:  
 MINEN-5583 241 PPM  
 BL2ND.2A 238 PPM  
 MINEN-6083 182 PPM  
 MINEN26/83 76 PPM  
 MINEN23/83 73 PPM

HISTOGRAM FOR CU

CLASS INTERVAL = 23.4

MID CLASS PPM	CLASS %
---------------	---------

< 4.00	5.56
15.70	61.11
39.10	5.56
62.50	11.11
85.90	5.56
109.30	0.00
132.70	0.00
156.10	0.00
179.50	5.56
202.90	0.00
226.30	0.00
> 238.00	5.56



**MIN-EN LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828      PHONE: (604) 980-5814 OR (604) 988-4524

**CUMMULATIVE PROBABILITY PLOT ON CU**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

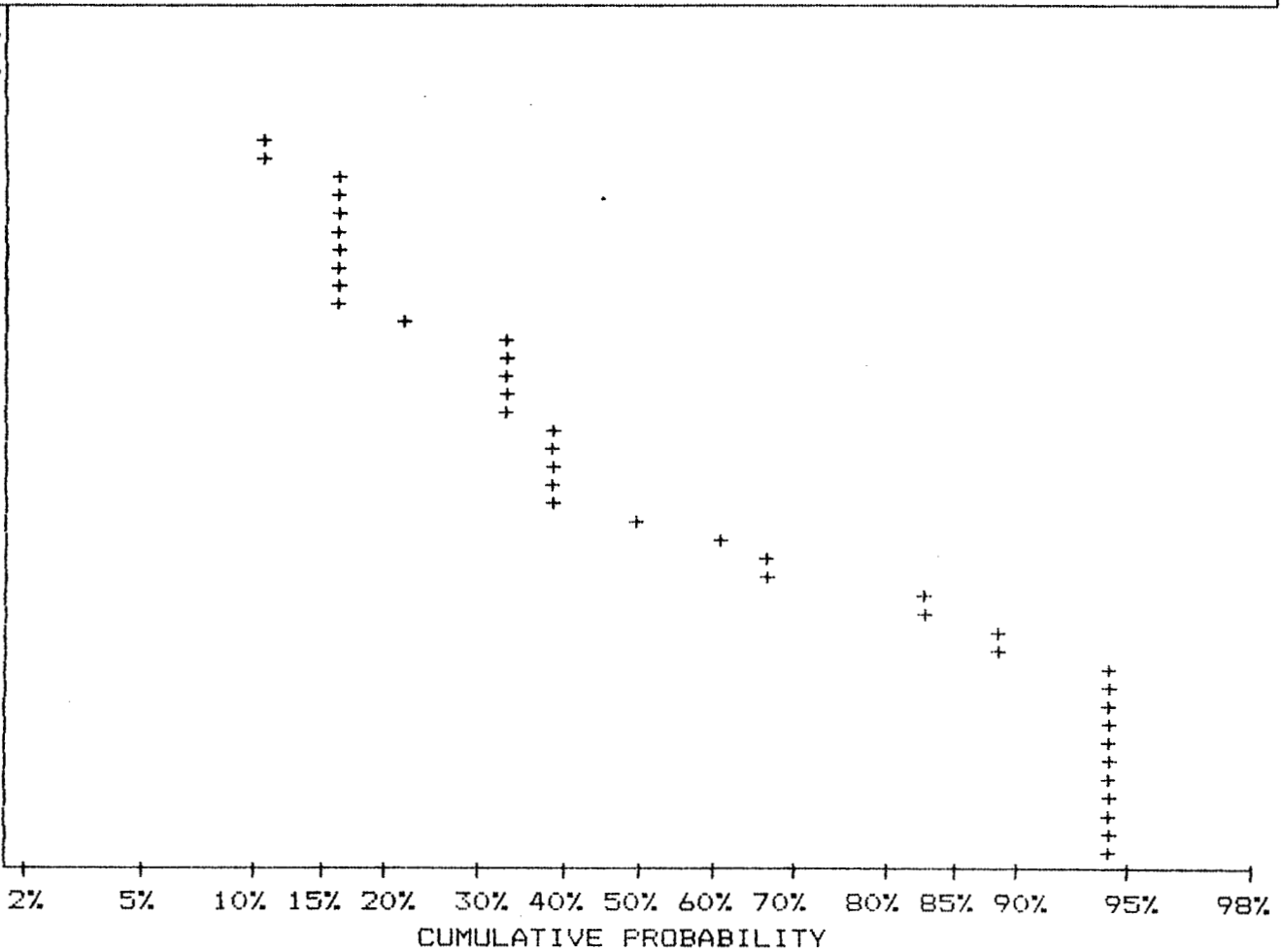
SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
187.96	11.11
153.48	16.67
125.33	16.67
102.34	16.67
83.57	16.67
68.24	33.33
55.73	33.33
45.50	33.33
37.16	38.89
30.34	38.89
24.78	50.00
20.23	66.67
16.52	83.33
13.49	88.89
11.02	94.44
9.00	94.44
7.35	94.44
6.00	94.44
4.90	94.44
4.00	94.44



**MIN-EN LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**STATISTICAL SUMMARY ON MO**

COMPANY: R. TRIFAUX

ATTN: R. TRIFAUX

PROJECT: KIMO

FILE#: 1983 KIMO PROJECT FILES

DATE: FEB 3/87

SAMPLE TYPE: ROCKS

ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 18  
 MAXIMUM VALUE: 80.00 PPM  
 MINIMUM VALUE: 1.00 PPM  
 MEAN: 16.94 PPM  
 STD. DEVIATION: 25.02 PPM  
 COEFF. OF VARIATION: 1.48

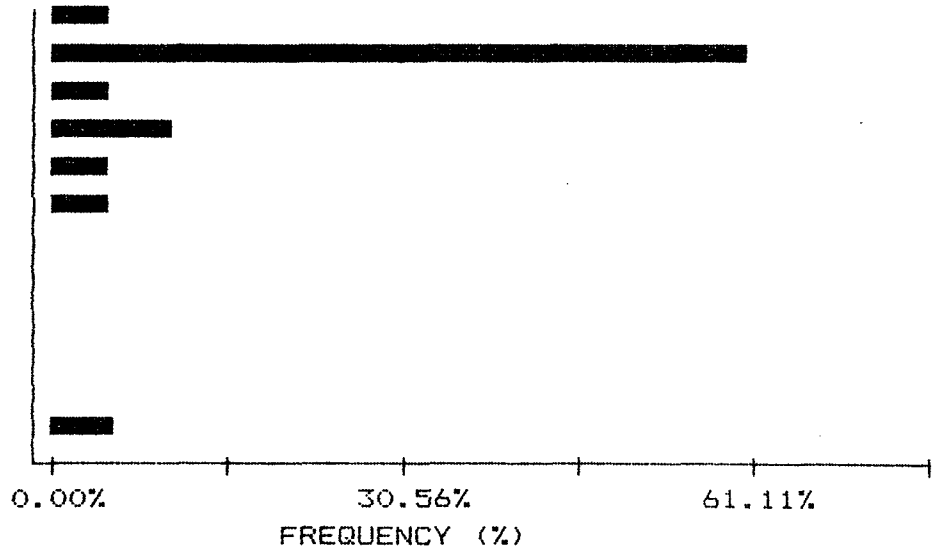
5 HIGHEST MO VALUES:  
 S5P2 80 PPM  
 BL2NO.2A 79 PPM  
 MINEN-60B3 35 PPM  
 S3P3 26 PPM  
 1-83 24 PPM

HISTOGRAM FOR MO

CLASS INTERVAL = 7.8

MID CLASS PPM	CLASS %
---------------	---------

< 1.00	5.56
4.90	61.11
12.70	5.56
20.50	11.11
28.30	5.56
36.10	5.56
43.90	0.00
51.70	0.00
59.50	0.00
67.30	0.00
75.10	0.00
> 79.00	5.56



**MIN-EN LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON MO**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

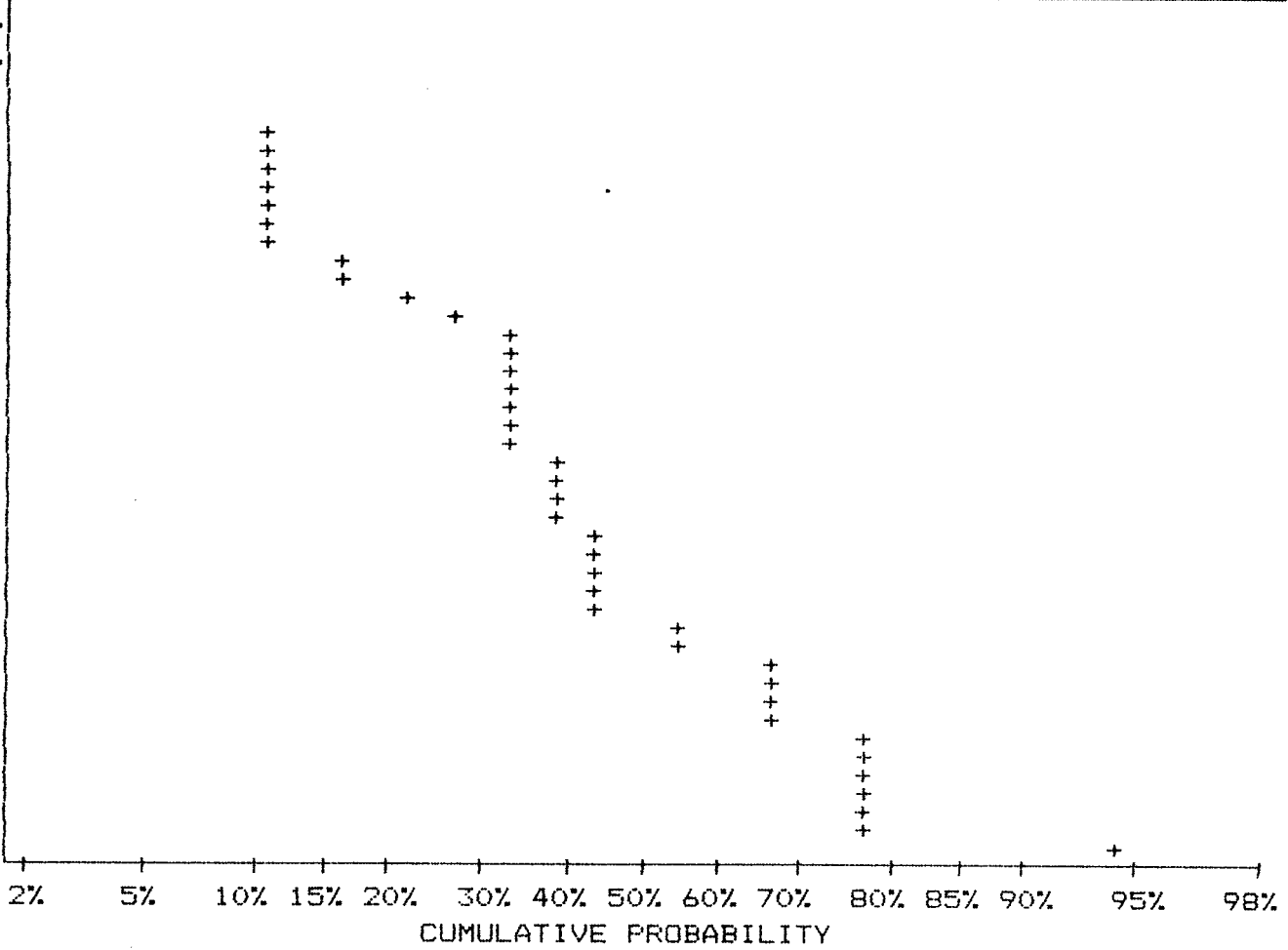
SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

UPPER LIMIT ( PPM)	CUMMUL. FREQ. (%)
61.09	11.11
49.20	11.11
39.63	11.11
31.91	16.67
25.70	22.22
20.70	33.33
16.67	33.33
13.43	33.33
10.81	33.33
8.71	38.89
7.02	38.89
5.65	44.44
4.55	44.44
3.66	55.56
2.95	66.67
2.38	66.67
1.91	77.78
1.54	77.78
1.24	77.78
1.00	94.44



**MIN-EN LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON PB**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

NUMBER OF SAMPLES: 18  
 MAXIMUM VALUE: 160.00 PPM  
 MINIMUM VALUE: 1.00 PPM  
 MEAN: 44.61 PPM  
 STD. DEVIATION: 47.13 PPM  
 COEFF. OF VARIATION: 1.06

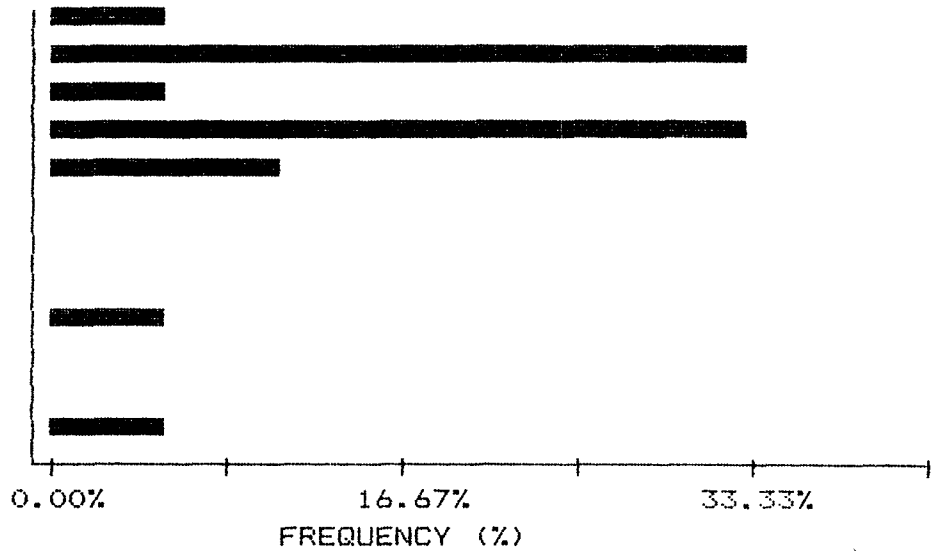
5 HIGHEST PB VALUES:  
 1 ROCK 160 PPM  
 BL2ND.2A 147 PPM  
 S5P2 107 PPM  
 1-83 55 PPM  
 MINEN-4183 52 PPM

HISTOGRAM FOR PB

CLASS INTERVAL = 14.6

MID CLASS PPM	CLASS %
------------------	------------

< 1.00	5.56
8.30	33.33
22.90	5.56
37.50	33.33
52.10	11.11
66.70	0.00
81.30	0.00
95.90	0.00
110.50	5.56
125.10	0.00
139.70	0.00
> 147.00	5.56





**MIN-EN LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON PB**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

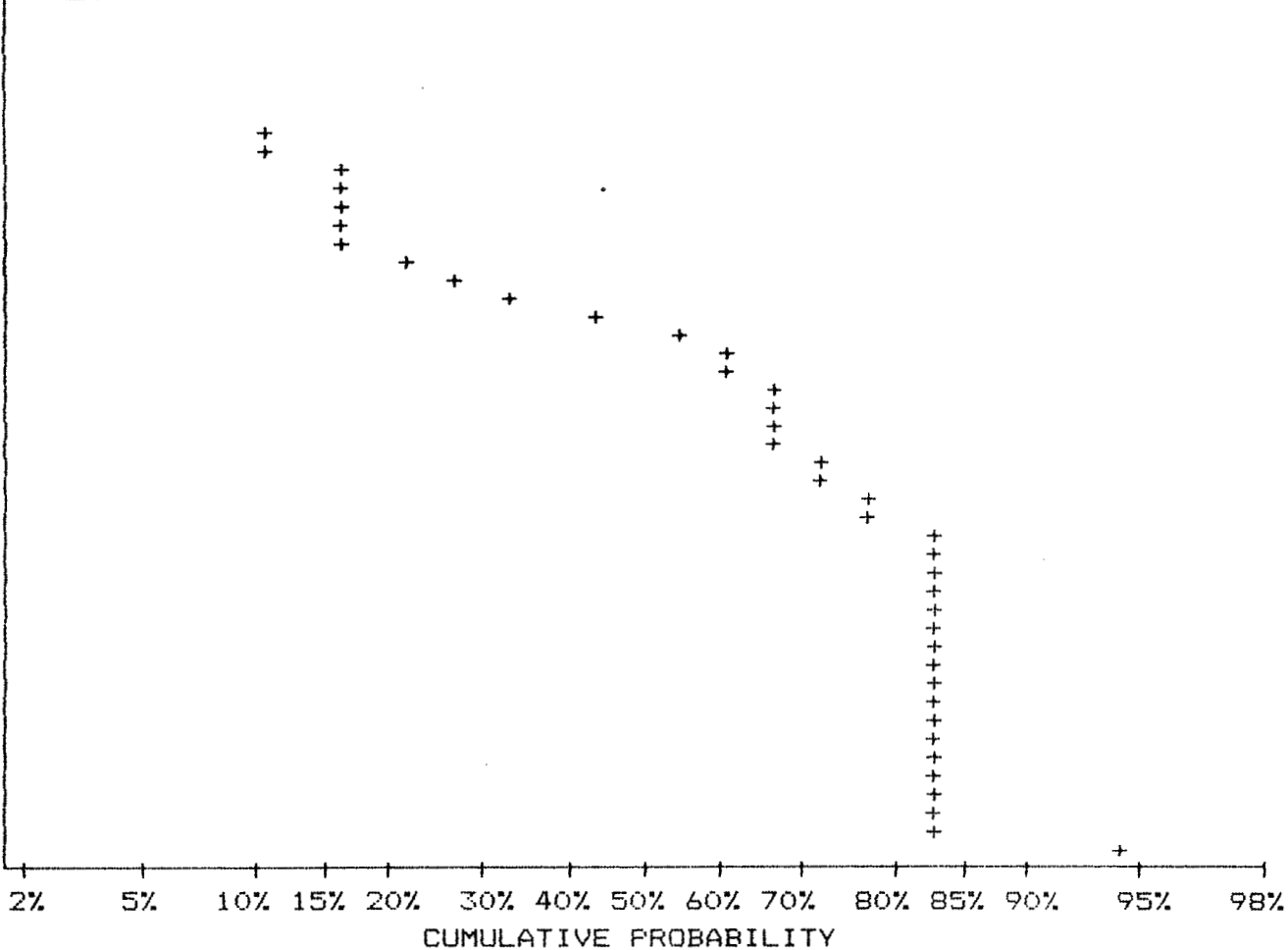
SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

UPPER LIMIT ( PPM)	CUMMUL. FREQ. (%)
112.72	11.11
87.90	16.67
68.55	16.67
53.46	22.22
41.69	33.33
32.51	55.56
25.35	61.11
19.77	66.67
15.42	66.67
12.02	72.22
9.38	77.78
7.31	83.33
5.70	83.33
4.45	83.33
3.47	83.33
2.70	83.33
2.11	83.33
1.64	83.33
1.28	83.33
1.00	94.44



**MIN-EN LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON ZN**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

NUMBER OF SAMPLES: 18  
 MAXIMUM VALUE: 1216.00 PPM  
 MINIMUM VALUE: 1.00 PPM  
 MEAN: 127.83 PPM  
 STD. DEVIATION: 284.69 PPM  
 COEFF. OF VARIATION: 2.23

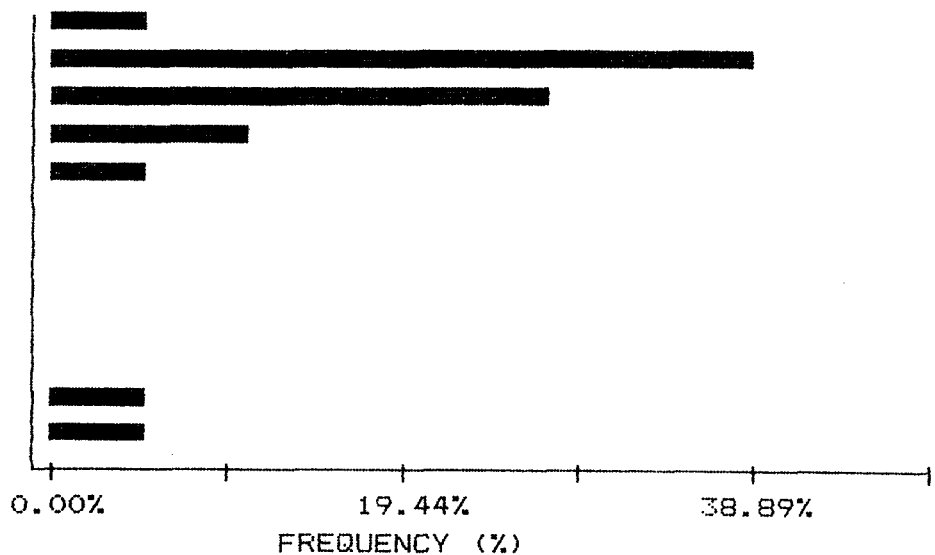
5 HIGHEST ZN VALUES:  
 S5P2 1216 PPM  
 BL2ND.2A 296 PPM  
 MINEN-6083 275 PPM  
 1-83 97 PPM  
 2-83 71 PPM

HISTOGRAM FOR ZN

CLASS INTERVAL = 29.5

MID CLASS PPM	CLASS %
---------------	---------

< 1.00	5.56
15.75	38.89
45.25	27.78
74.75	11.11
104.25	5.56
133.75	0.00
163.25	0.00
192.75	0.00
222.25	0.00
251.75	0.00
281.25	5.56
> 296.00	5.56



**MIN-EN LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**

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

TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**CUMMULATIVE PROBABILITY PLOT ON ZN**

COMPANY: R. TRIFAUX

DATE: FEB 3/87

ATTN: R. TRIFAUX

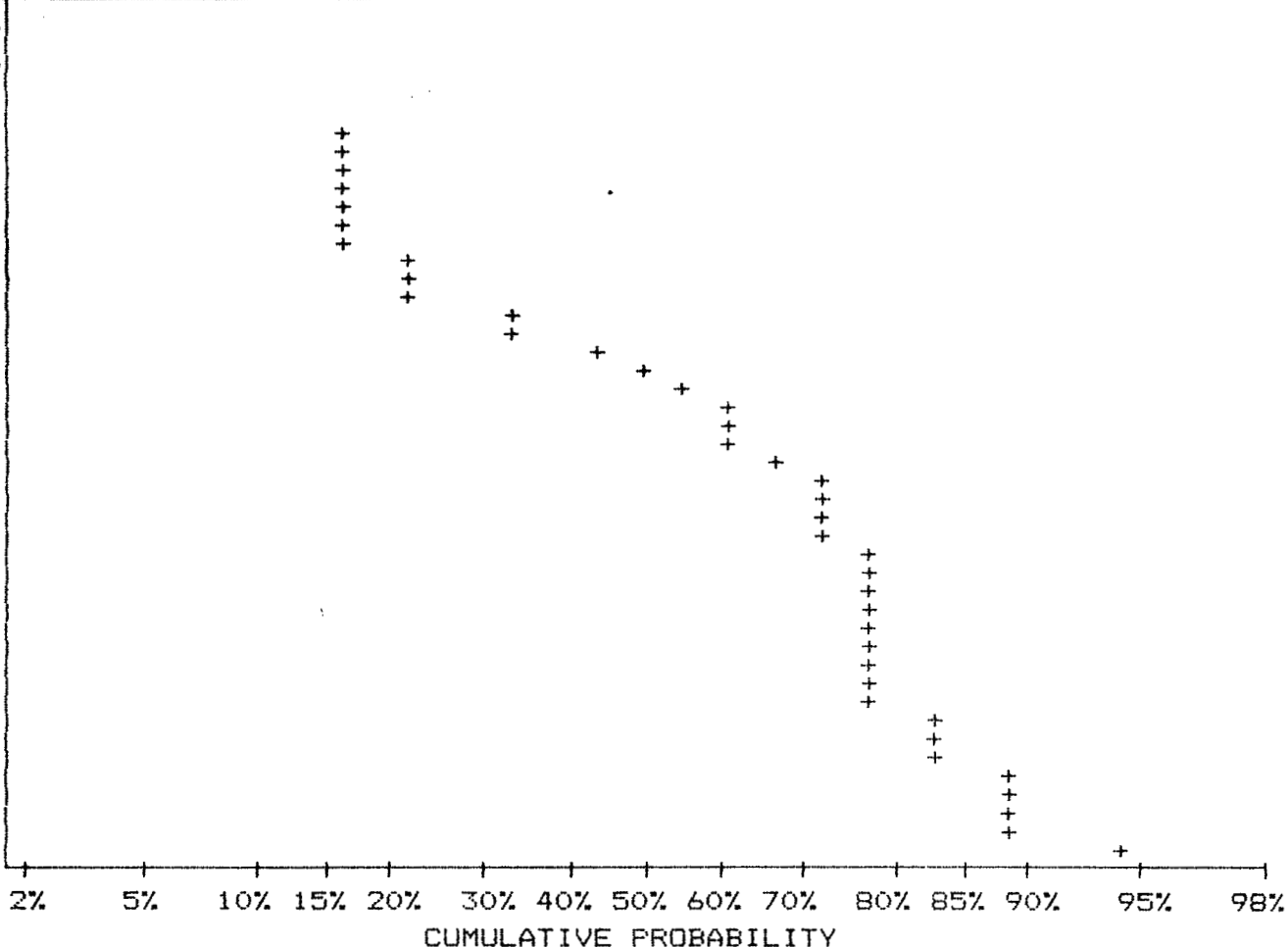
SAMPLE TYPE: ROCKS

PROJECT: KIMO

ANALYSIS TYPE: ICP

FILE#: 1983 KIMO PROJECT FILES

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
226.99	16.67
170.61	16.67
128.23	16.67
96.38	22.22
72.44	22.22
54.45	33.33
40.93	50.00
30.76	61.11
23.12	61.11
17.38	72.22
13.06	72.22
9.82	77.78
7.38	77.78
5.55	77.78
4.17	77.78
3.13	77.78
2.36	83.33
1.77	88.89
1.33	88.89
1.00	94.44



COST SUMMARY

R. Trifaux \$1,120.50  
Fardal & Brownmiller 137.50

Analyses: \$ 291.45  
140.00 431.45

Miscellaneous:

Cleaning soils, test w/HCL, 6x15  
magnetism, flourine \$ 90.00  
Stakes, ribbons, bags, threads. 30.00  
Trips to lab with samples & order 25.00  
Cost to send report to Gold commissioner  
Typing, stationery, stamps, time. 50.00  
Tools 20.00  
Lodging 250.00  
Report - draft, copies, binders 590.00  
Recording - 13 claims x 200 x \$5 130.00 \$1,185.00

P.A.C. Account (\$1,895.90 x 0.30) 568.77

\$3,443.22  
=====

R. Trifaux Expenses

DATES & BRIEF DESCRIPTION	TIME	KMS	MEALS
07-06-86 In excavations and rock in place Sampling quarry #1. Blue/grey micaceous platy rocks (schistic) with sulfides. Tests, also 250 M west of quarry.	6	70	1
08-06-86 Formation east of quarry. Quartzitic with tiny sulfides. Blue schists. Other with deep black altered oxidation. Found chalcopyrite in breccia. Thirteen samples. Nature of breccia (explosive?) Conglomerate. Tried to find extension of breccia to the east.	7	70	1
09-06-86 Itula - breaking rocks for discovery of sulfides. Formation east of quarry 1. Trend dip. Nature of rock quartzitic. No sulfides. This is on road going north of quarry. Found Kaolinite in the breccia north of 13H road. Reconnaissance of breccia in creek #9 and 310.	8	140	1
10-06-86 Started the first stakes of geochem survey, flagged stakes. 15M above stakes found the breccia again and samples taken. Sampling of ultrabasic. Analyses of type of rock. The ultrabasic disintegration is rapid. Took samples on the Itula claims where the fault is passing	8	140	1
11-06-86 Ultrabasic west of Kimo claim. Samples show chromite, sulfides and phlogopites. The formation looks like pipes. Some are deeply altered with limonitic coloured deep deep red? Measured distance hydrofractured breccia.	8.5	140	1
12-06-86 New small boulders of the breccia discovered on  the east part of the claims, east of creek # 11. Texture of veins east of quarry #1 in Itula claims is quartzitic. Extensive hydrothermal alterations.	8	70	1
13-06-86 Samples quarry #2. A new discovery going to Margo claims. Sampling.	6	70	1
14-06-86 Going through entire area of new geochemical survey with A. Fardal. No of lines, distance between lines and pits. Showed the plotting, gave supplies and inscriptions to consider. Selection of breccia samples and other rocks. Analyses of alterations in the creeks.	8	70	1

<u>DATES &amp; BRIEF DESCRIPTION</u>	<u>TIME</u>	<u>KMS</u>	<u>MEALS</u>
19-06-86 Started the plotting of the geochem survey. Analyses of the ultrabasic formation east of Kimo claims. All the terrain where the new survey will be done are covered with rocks with deep ferruginous alterations in the creeks and the soils are altered.	6.5	70	1
Totals	66	840	9

Recap of expenses:

Hours - 66 x \$15.00	\$ 990.00
Mileage - 840 kms x 0.25 x 0.30	63.00
Meals - 9 x \$7.50	67.50
	<u>\$1,120.50</u>
	=====

A. Fardal Costs:

June 25, 1986	2 hours x \$10.00	\$ 20.00	
July 26, 1986	6 hours x \$10.00	60.00	
	Mileage	<u>20.50</u>	\$100.50

D. Brownmiller Costs:

July 26, 1986	5 hours x \$7.50	37.50
		<u>\$137.50</u>

STATEMENT OF QUALIFICATIONS

EDUCATION

1. Tamines School of Mines, Belgium. 2 years - diploma
2. Chatelineau School of Mines, Belgium. 2 years - diploma
3. University of Charleroi, Hainaut, Belgium. 1 year mining, geology, mining technologies, reports. 1 certificate

The copies of diplomas and certificates have been presented to the Cariboo Mining Division with my 1977-1978 statement of works in Quesnel, Cariboo.

4. I passed successfully the test of rocks and mineral identification with a mining engineer from the Department of Mines in 1978, in Robson Square, Vancouver.
5. Cost accounting (2 years) with McMaster University in Ontario.

EXPERIENCE

I have extensive experience in exploration and mining from Zaire (previously Belgian Congo) and from Ruanda - Burundi in Central Africa.

1. "La Compagnie Des Grands Lacs Africains" Brussels from Belgium. Minerals mined were cassiterite, columbite, gold and increase of reserves by exploration of benches in the creeks.
2. "La Compagnie Mirudi" affiliated company of the Grands Lacs Africains Company, Brussels, Belgium. (Cassiterite, Colombo - tantalites, gold ores). Localities: Mokoro, Musumba, Mutwe-Niamdo.
3. Mr. R. Henrion, Explorations Minieres in Central Africa, Busoro, Ruanda on Kivu Lake. (Cassiterites, Wolframites, Beryllium ores)
4. DeBorchgrave Mines d'Etain, Kigali, Ruanda. Open pit, underground mines of cassiterite, columbites.

I was successful in exploring the granitic massif of Central Ruanda-Burundi. I described my method of exploration in the 1977-1978 report (assessment works) related to the distances between lines and pits, flying prospecting, and systematic with calculations of zones of influence and reserves in placers. I opened several mines in gold, cassiterite, columbite, plotting and establishing the hydraulic works, worked in open pit and underground. I established topographical maps showing the locations of my discoveries.



I started prospecting in British Columbia in 1959 for gold placer in the Cariboo Mining Division for a company. Today I have claims containing precious metals, base metals and industrial minerals. I do my geochemical surveys in silt, soils and rocks for my reconnaissance and systematic prospecting and orient my works according to the results of such surveys.

Beneficiation studies of some industrial mineral products have been done by the Ontario Research Foundation.

I am a member of the Canadian Institute of Mining and Metallurgy (CIM) and the Chamber of Mines of British Columbia. I buy my literature from the Department of Mines of B.C. and Ottawa and from the Geological Survey of Canada, in Vancouver. I have subscriptions to the Engineering and Mining Journal, CIM Bulletin, Chemical Week and Northern Miner. I keep informed with different publications from private and government organizations.

I consult with professionals and use the most up to date prospecting equipment available to prospectors (topolite, geiger counter, mineral light, stereoscope, small microscope, altimeters etc.)

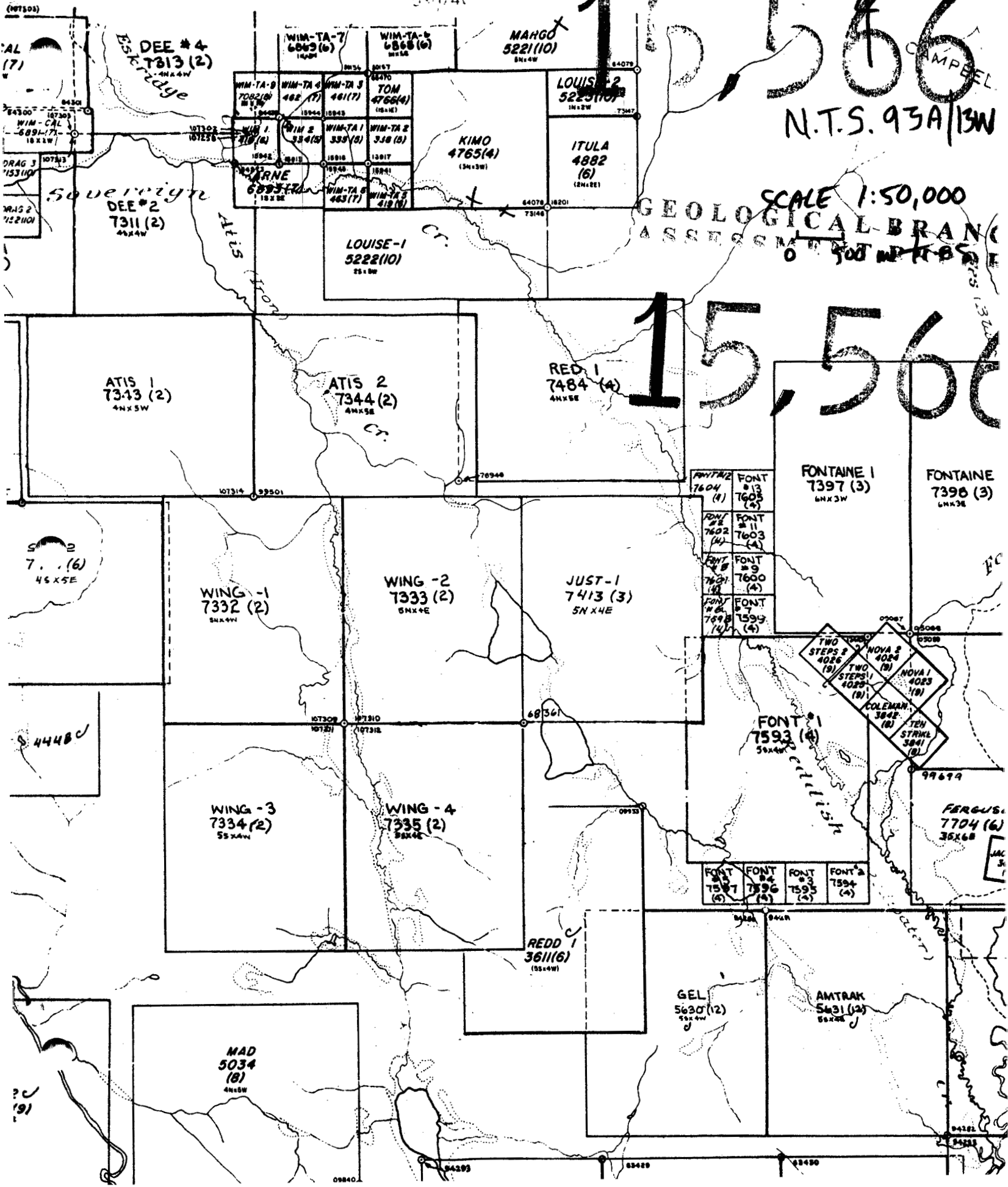
I learned very useful informations on the industrial minerals from the Ontario Research Foundation, related to talc, graphlite, calcium carbonate, wollastonite etc. I am engaged in the research of miscellaneous industrial minerals which will be needed in the following years and the following century.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

B

C

N



N.T.S. 93A/13W

SCALE 1:50,000

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15566

FONTAINE 1  
7397 (3)  
6N X 3W

FONTAINE  
7398 (3)  
6N X 3E

WING -1  
7332 (2)  
5N X 4W

WING -2  
7333 (2)  
5N X 4E

JUST -1  
7413 (3)  
5N X 4E

FONT #1  
7593 (4)  
5N X 4W

WING -3  
7334 (2)  
5S X 4W

WING -4  
7335 (2)  
5S X 4E

REDD 1  
3611 (6)  
15S X 4W

GEL  
5630 (12)  
5S X 4W

AMTRAK  
5431 (12)  
5S X 4E

MAD  
5034 (8)  
4N X 5W

FERGUS  
7704 (6)  
3E X 6E

WIM - CAL  
6891-17  
18 X 2W

DRAG 3  
15310

DRAG 2  
15210

S  
7... (6)  
4S X 5E

S  
444B

PC  
(9)

DEE #4  
7313 (2)  
4N X 4W

DEE #2  
7311 (2)  
4N X 4W

ATIS 1  
7343 (2)  
4N X 5W

LOUISE-1  
5222 (10)  
2S X 8W

ATIS 2  
7344 (2)  
4N X 5E

RED 1  
7484 (4)  
4N X 5E

MARGO  
5221 (10)  
5N X 4W

KIMO  
4765 (4)  
3N X 3W

LOUISE-2  
5223 (10)  
1N X 5W

ITULA  
4882 (6)  
12N X 2E1

WIM-TA-7  
6869 (6)  
14 X 2W

WIM-TA-8  
6868 (6)  
14 X 2E

WIM-TA-9  
7062 (6)  
14 X 2W

WIM-TA-4  
482 (7)  
15 X 4E

WIM-TA-3  
461 (7)  
15 X 4E

TOM  
4766 (4)  
15 X 4E

WIM 1  
710 (4)  
15 X 2E

WIM 2  
334 (5)  
15 X 2E

WIM-TA-1  
335 (5)  
15 X 2E

WIM-TA-2  
338 (5)  
15 X 2E

WIM-TA-5  
6893 (7)  
18 X 2E

WIM-TA-6  
463 (7)  
18 X 2E

WIM-TA-8  
418 (10)  
18 X 2E

FONT #2  
7604 (4)  
5N X 4E

FONT #13  
7608 (4)  
5N X 4E

FONT #2  
7602 (4)  
5N X 4E

FONT #11  
7603 (4)  
5N X 4E

FONT #8  
7621 (4)  
5N X 4E

FONT #9  
7600 (4)  
5N X 4E

FONT #4  
7698 (4)  
5N X 4E

FONT #7  
7599 (4)  
5N X 4E

TWO STEPS  
4026 (9)  
10S X 4E

NOVA 2  
4024 (9)  
10S X 4E

TWO STEPS  
4025 (9)  
10S X 4E

NOVA 1  
4023 (9)  
10S X 4E

COLEMAN  
3842 (8)  
10S X 4E

TEH STRHL  
3841 (8)  
10S X 4E

FONT #5  
7597 (4)  
5N X 4E

FONT #4  
7596 (4)  
5N X 4E

FONT #3  
7595 (4)  
5N X 4E

FONT #2  
7594 (4)  
5N X 4E

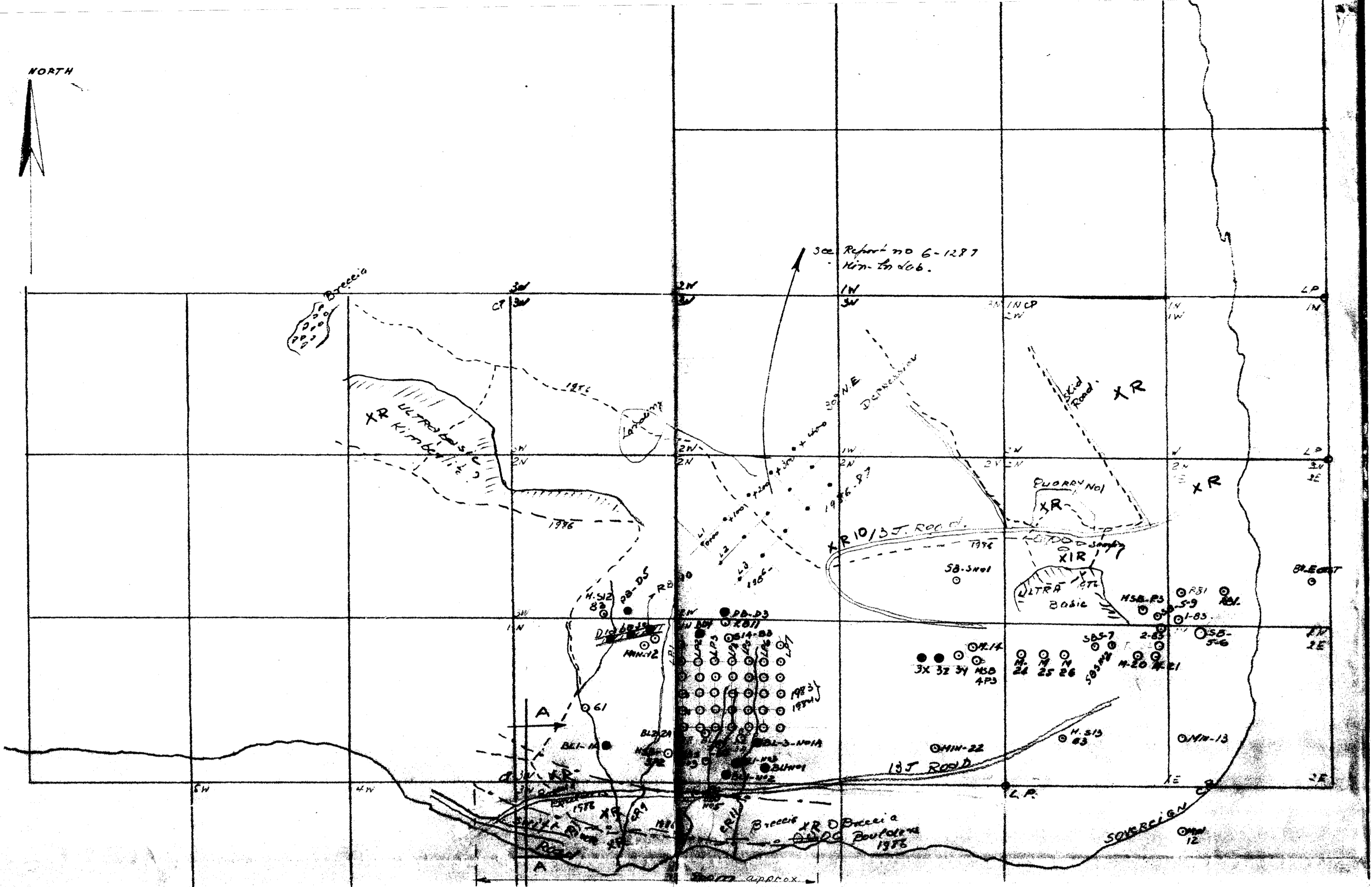
9422  
9423

09840

83429

83430

NORTH



SAMPLES LOCATION, ELEMENTS IN ANALYSES (PPM, PPM)

SAMPLE Nos	ANALYTICAL REPORTS	As	As	Bi	Co	Cr	Cu	Mo	Ni	Pb	Y	Zn	Se	Au	Hg
SB-5-7-	123-3620								21	2					
SM-034	223-1487								7						
SM-04L	123-3571								79						
SB-5-1-	"								88	6					
" 5-2-	"								41	2					
" 5-3-	"								19	2					
" 5-4-	"								74	9					
B-10	123-3484								42	7					
A-11	"								27	2					
PBD-3	123-0519								40	2				50	3000
" -4	"								8	2				9	50
" -5	"								23	34	82	26		76	102
R-65958	123-0462								18	26	142	7		60	50
MINEN 12	3-195	2.0	0	26	22	29	34	7	83	25	114	74			
" 13	"	1.7	32	2	10	3	6	13	8	3	274	28			
" 14	"	.7	0	11	0	8	14	0	10	2	77	32			
" 23	3-311	0	0	20	27	28	72	3	176	37	90	46			
" 24	"	.1	0	8	0	9	26	1	10	0	60	21			
" 25	"	.1	0	8	4	34	71	2	65	24	23	34			
" 26	"	.2	0	12	6	33	76	4	69	9	24	18			
"60	3-371	0	215	63	25	27	182	34	324	31	116	275	5	Trace	
"61	3-351	2.2	0	38	37	82	23	0	1410	160	35	0	14		
" 22	3-272	.3							57	25	12	404	72	66	43
" 20	"	.2	0	9	12	7	40	2	19	38	12	41			
" 21	"	3.3	0	7	10	1	22	1	13	0	29	36			
" 1	3-1290A	.3	41	36	16	57	25	12	404	72	66	43			
" 1-2	"	0	0	41	7	12	20	27	32	34	20	71			
MSP-3-3	3-1442A	4	49	0	30	9	17	26	38	40	27	69	6		
MSP-4-3	"	1.0	80	0	10	5	27	3	22	41	17	37	5		
BLI-1	3-784S	1.5	101	32	67	26	35	17	169	64	29	80	141	20	
" 1-2	"	1.8	66	34	27	17	22	14	71	12	134	79	119	70	35
" 1-3	"	1.6	77	32	28	29	27	78	214	49	119	90	125	70	70
" 1-1A	"	1.3	68	26	17	16	14	9	142	33	39	48	36	15	
" 2-2A	"	2.1	525	86	161	30	238	78	146	147	317	296	588	10	60
" 3-1A	"	1.8	206	46	84	47	78	37	217	108	277	157	275	50	
M3-X	"	1.6	236	42	106	34	56	23	199	86	124	100	200	5	BRCCIA
M3-Y	"	2.1	43	78	5	3	16	1	13	10	29	2	0		
M3-Z	"	.5	59	20	29	7	24	6	13	14	23	3	41	5	15
S5-P2	3-1442R	2.5	581	105	22	38	42	80	209	107	75	1220	37	BRCCIA	
SB-5-6	123-3630								22	1					
SB-5-9	"								24	1					
BI-ITULA	123-3484								54	2					
BI-EAST	"								5	2					

LEGEND

KIMO-ITULA GROUP

R. TRIFAU CLAIM LOCATION

○ 1983-1984 SAMPLES - SOILS

● 1986-1987 SAMPLES - SOILS

--- BRECCIA ZONE

--- ULTRABASIC LIMIT

○ BRECCIA BOULDERS

--- DIABASE

X.R. ROCK SAMPLES

--- ITENERARY

Scale - 1cm = 100m.

February 3rd 1987.

*[Signature]*

NOI. MOI.

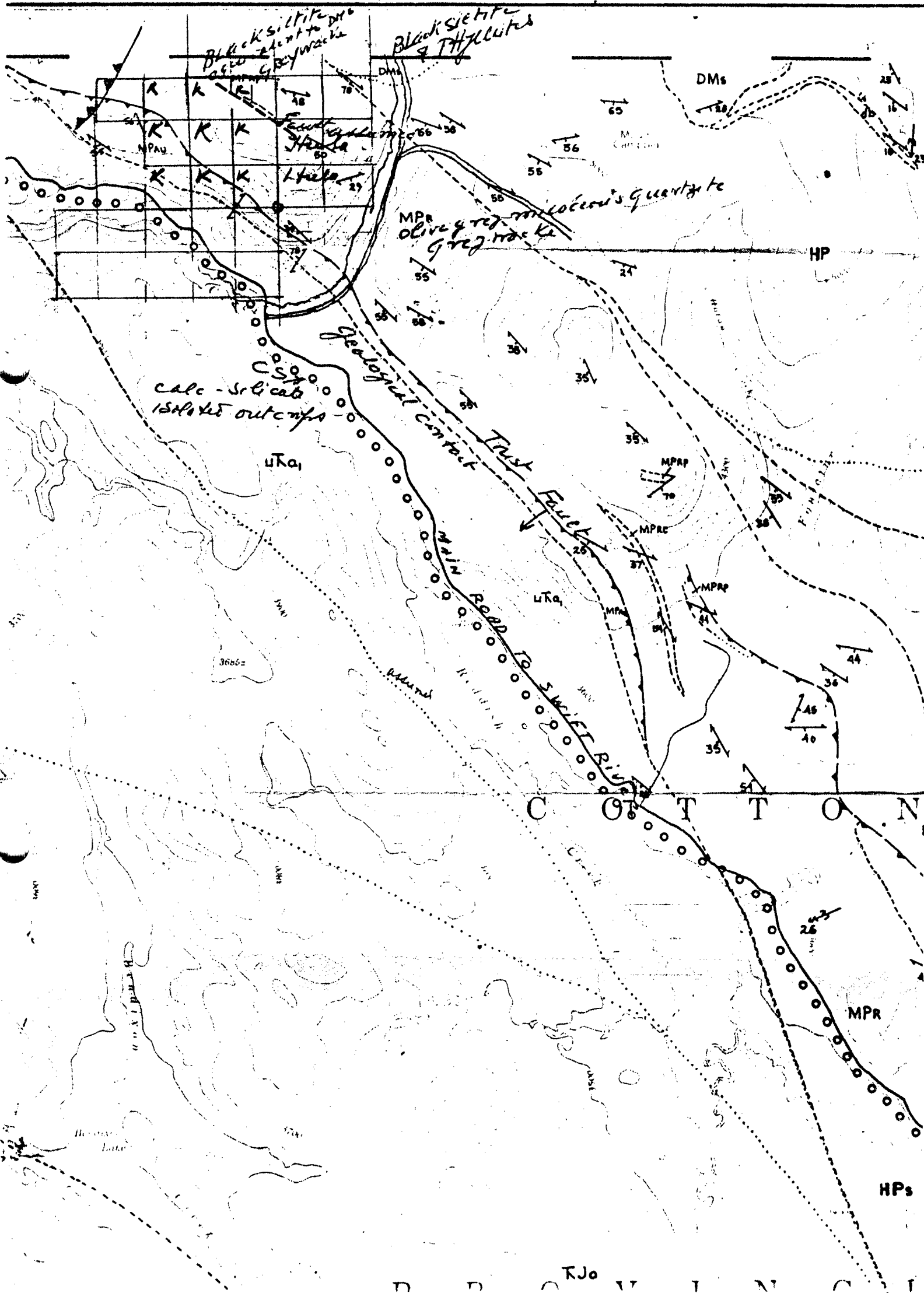
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15,566

GEOLOGICAL BRANCH  
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93A/13 - No. 2 - Bed-Rock Geology, Wells. 1/80



TRIASSIC AND JURASSIC

Map no 2

Norian and (?) Younger

○ TJb augite porphyry basalt breccia, minor flows, tuff and tuffaceous argillite; local andesitic basalt

○ TJa basaltic tuff and breccia, generally fine-grained; argillite, flows, chert

TRIASSIC

Upper Triassic  
Karnian and (?) Norian

○ uT<sub>01</sub> phyllite, argillite, slaty argillite, quartzite, schist, minor greenstone (subgreenschist to greenschist of metamorphism) uT<sub>01g</sub>; conglomerate

○ uT<sub>03</sub> undivided uT<sub>01</sub> and greenstone, augite-porphyry breccia, tuff breccia, tuff; possible dykes and sills (greenschist facies metamorphism)

PALEOZOIC OR MESOZOIC

○ PMub serpentinite, peridotite; same as MPAU

MISSISSIPPIAN?, PENNSYLVANIAN AND PERMIAN

MPa Antler Formation: MPAV; diorite, basalt, serpentinite undifferentiated MPAs, MPAs; olive and grey chert, black green slate, greywacke MPAU; serpentinite, sheared mafic

MISSISSIPPIAN ? TO PERMIAN ?

MPR Ramos Creek Succession: olive and grey micaceous quartzite, phyllite and slate, limestone, metatuff? MPRA; phyllite, quartzite, calc-silicate rocks MPAC; limestone, calcareous quartzite, phyllite MPAP; black siltite and slate, may be equivalent to DMs, MPAs; green olive and grey slate and olive-grey greywacke, may be in part equivalent to Hq.

MPDM Dragon Mountain Succession: olive and grey micaceous quartzite and phyllite

MPT Tom Creek Succession: olive grey micaceous quartzite, phyllite and schist

MPD Downey Creek Succession: olive and grey micaceous quartzite, phyllite, grey olive and green slate, limestone, marble MPBC; limestone, marble, metatuff?, slate

MPa amphibolite

MPs dark grey sandy limestone, dark grey greywacke

MPV foliated diorite and augite porphyry basalt, gabbroic includes undifferentiated db

DEVONIAN ? AND MISSISSIPPIAN ?

DMS black siltite and phyllite, grey micaceous quartzite, minor metatuff? DMSB; greywacke, muddy conglomerate DMSC; clast conglomerate, quartzite DMSc; limestone, minor conglomerate DMSs; grey micaceous quartzite, dark grey phyllite. DMSS; minor conglomerate DMSV; interbedded grey slate and greywacke in part calcareous

PALEOZOIC ?

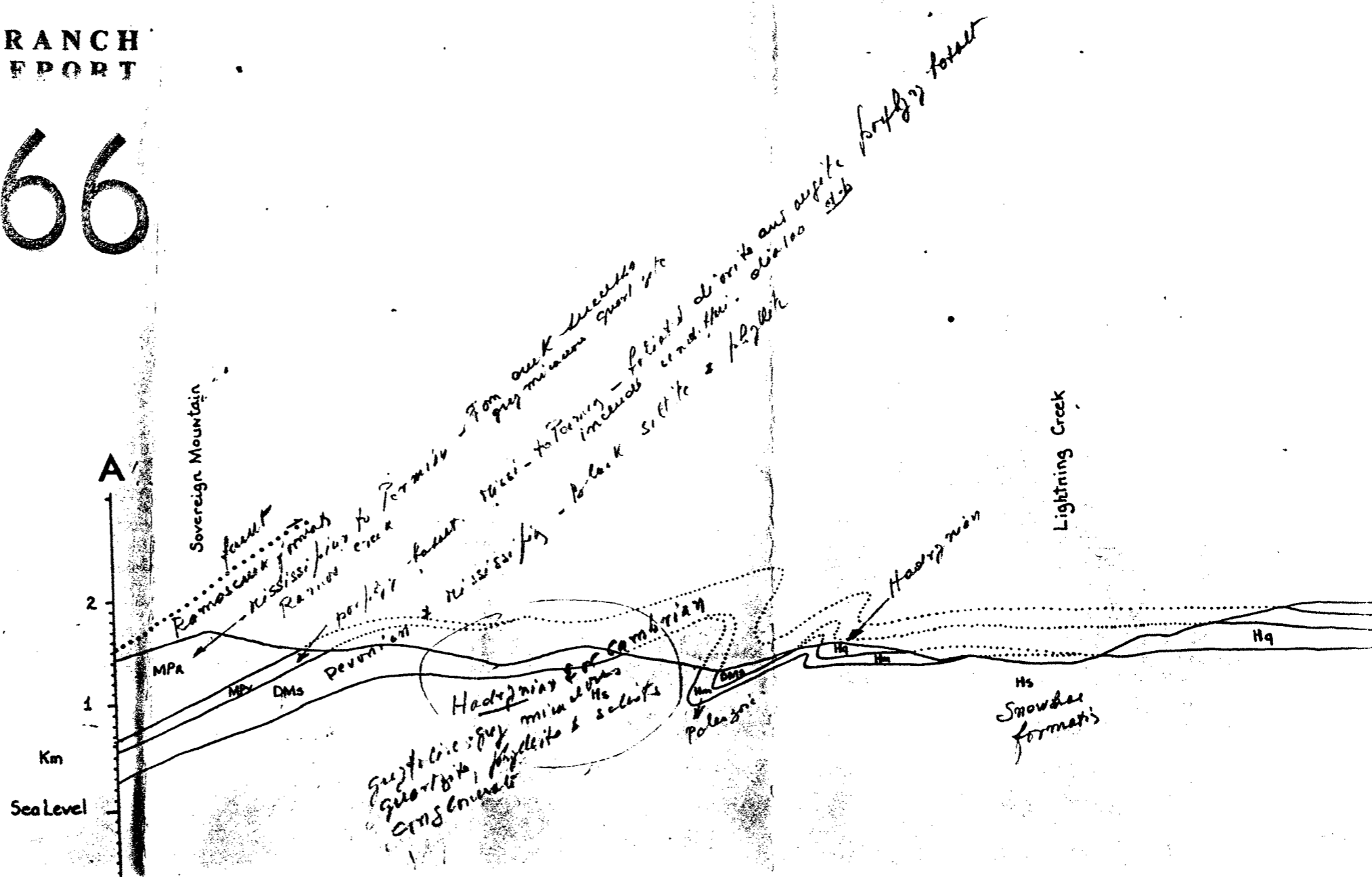
Pc orange weathering fuchsite bearing ankeritic carbonate

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

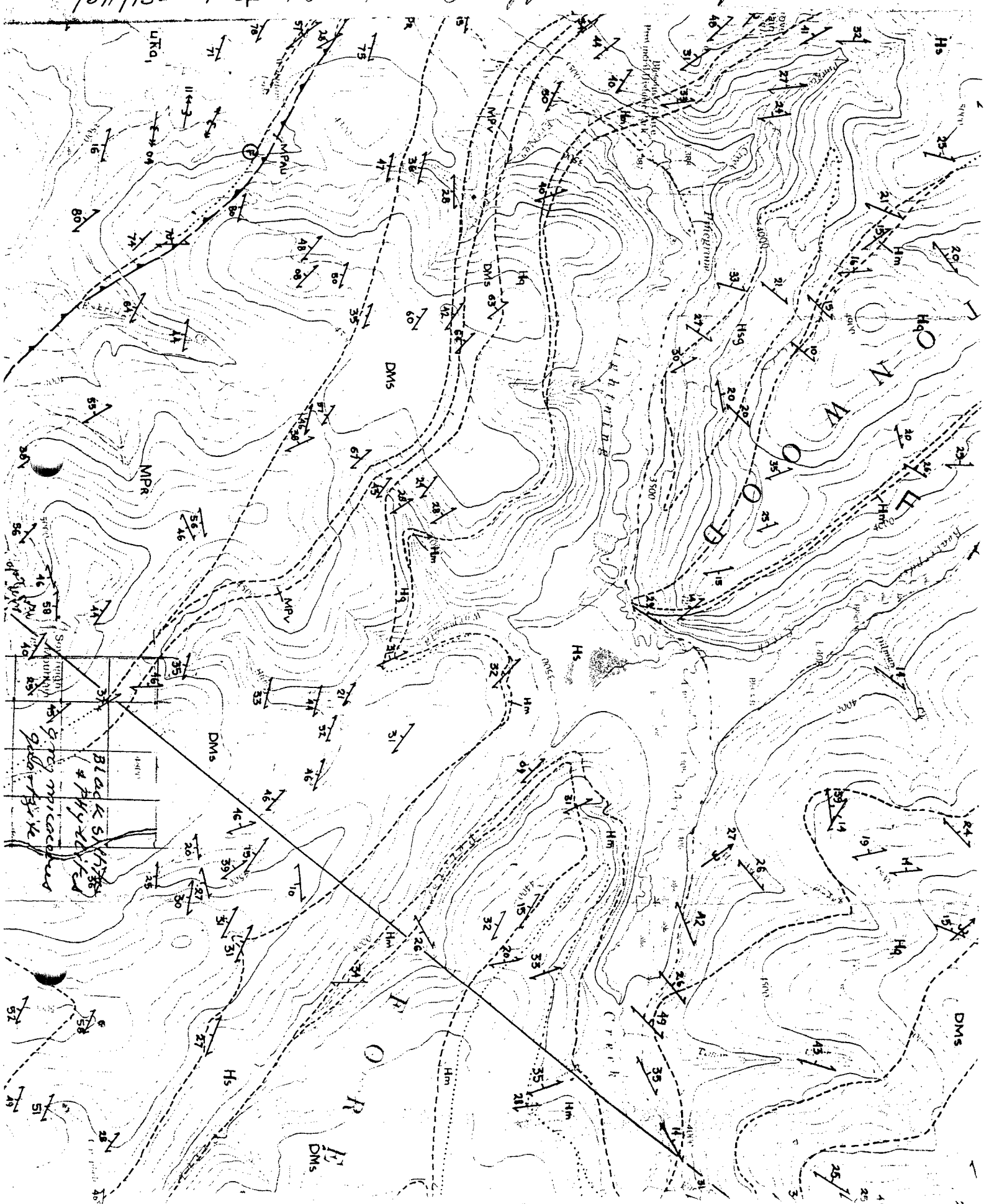
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 ASSESSMENT REPORT

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93A/13- No 4 Bed Rock Geology - wells - 1/50,000



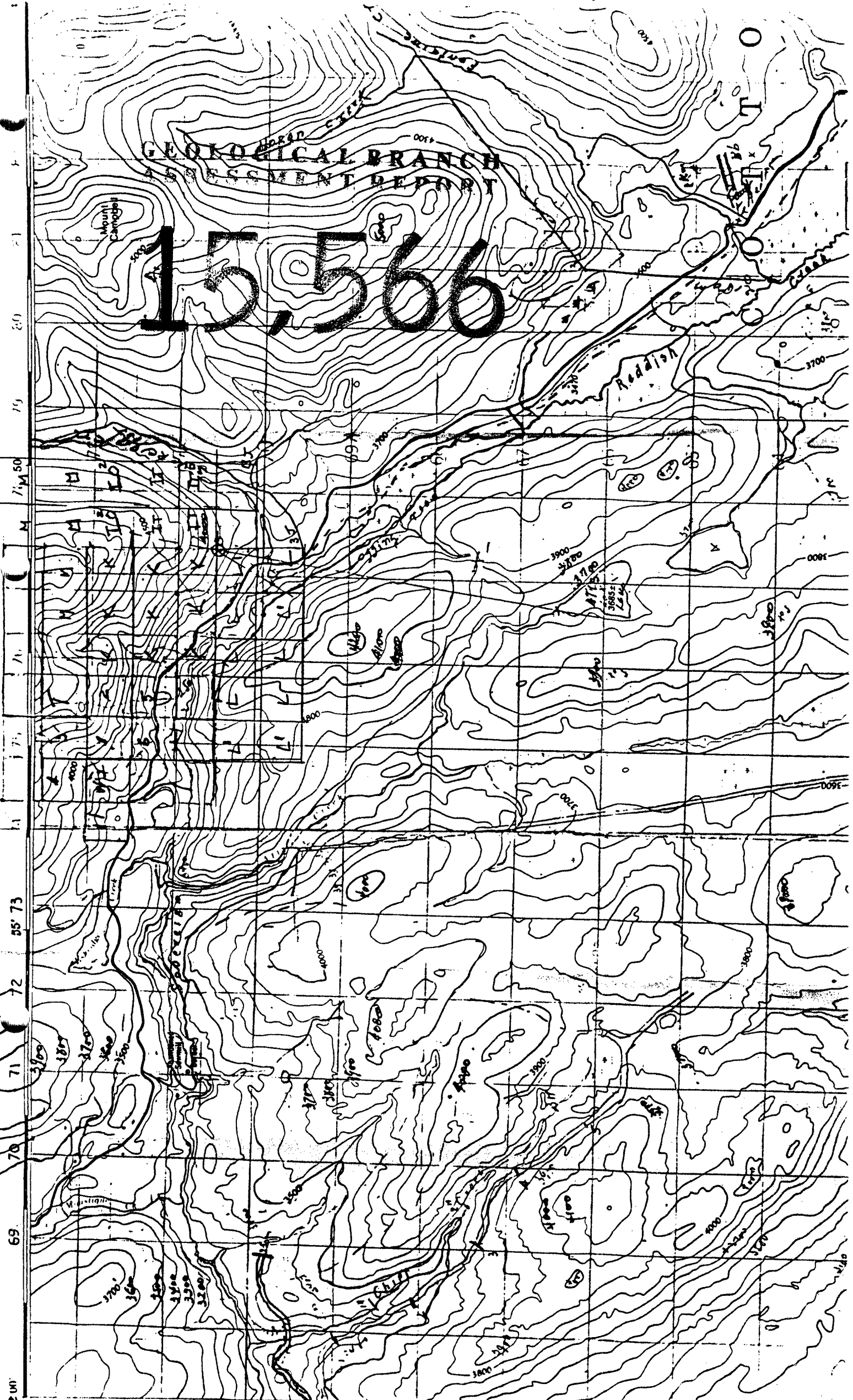
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GEOLOGICAL BRANCH  
ASSESSMENT REPORT



GEOLOGICAL BRANCH  
ASSISTANT DEPUTY

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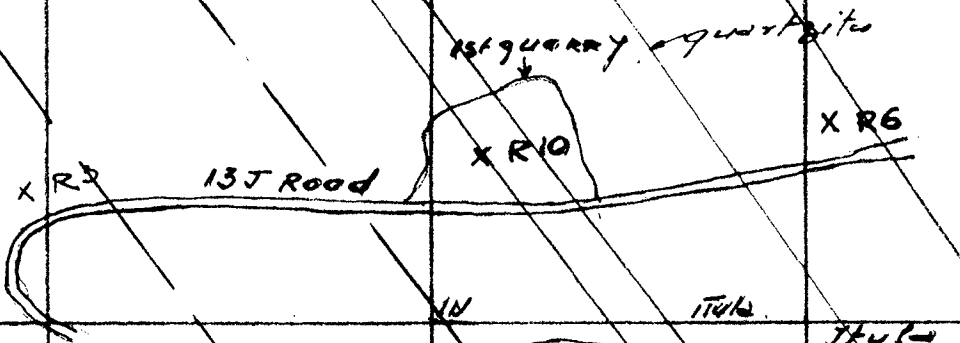
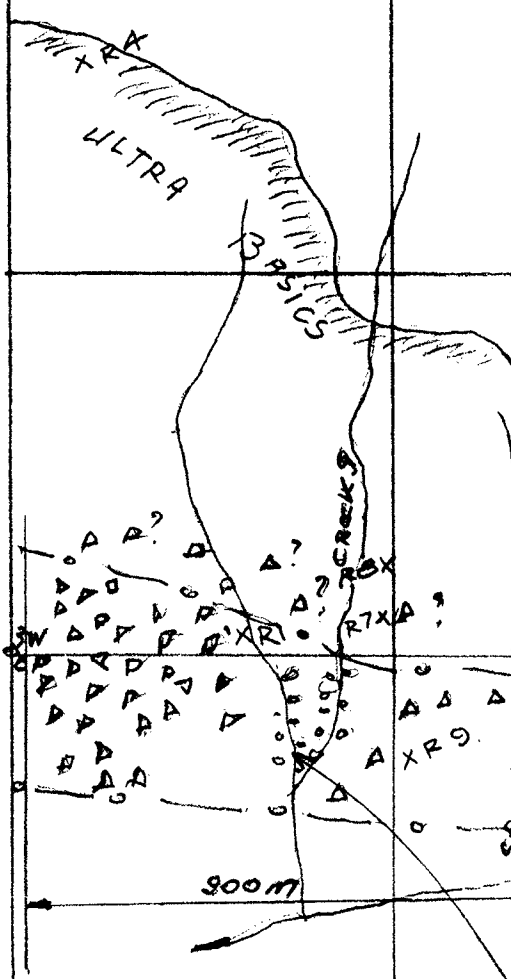
3W-  
Kimo

2W-  
Kimo

1W-  
Kimo

2N

X Rock



**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

Louise-1

agglomerate?

Kimo - Itula claims  
LENGTH OF BRECCIA  
ULTRA BASICS SHOWINGS

SCALE 1 CM = 100 M

January 1987 -  
 No. 6  
*[Signature]*

# 15,566

KIMO & ITULA CLAIMS

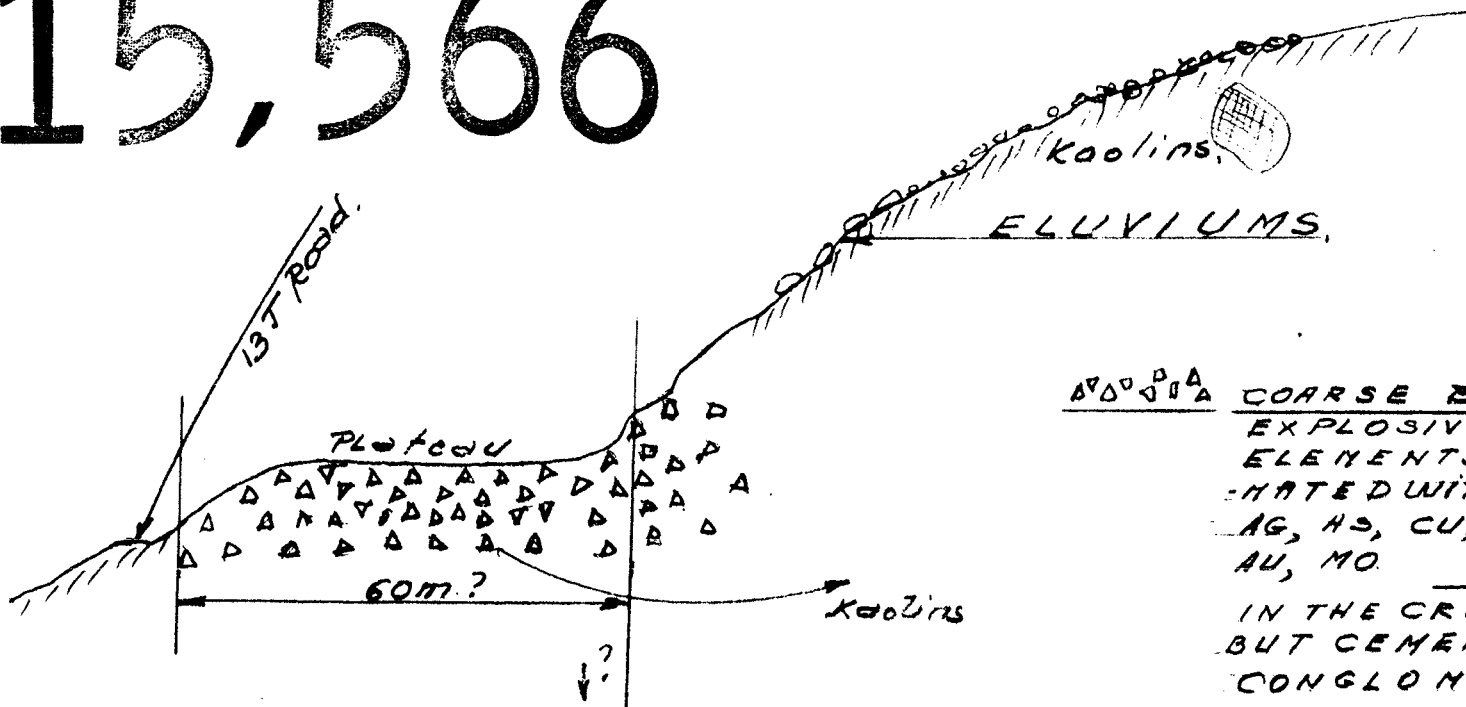
SECTION A-A.

THROUGH BRECCIA.

NORTH

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

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COARSE BRECCIA.  
EXPLOSIVE, PLATY  
ELEMENTS, ALL AMALGA-  
MATED WITH DARK HEMATITE -  
AG, AS, CU, PB, ZN, BI,  
AU, MO.

IN THE CREEKS, IT IS ROUNDED  
BUT CEMENTED LIKE A  
CONGLOMERATE (FERRIC CRTE)

SCALE 1 CM = 10 M -

January 87.

*R. J. Gault* no 7