

84-#899 - 12845

IGNA engineering & consulting ltd.

10/85

geochemical, geophysical
REPORT ON EXPLORATION WORK
PERFORMED ON PUMA, PUMA FR
AND LYNX 1 & 2 CLAIMS
DURING SEPTEMBER 1984

PUMA, PUMA FR, LYNX 1 & 2
N.T.S. 82E/5, LAT. 49°20'; LONG. 119°50';
OSOYOOS M. D.

OWNER - OPERATOR
GRAND NATIONAL RESOURCES INC.

CONSULTANT - AUTHOR
I. BOROVIĆ, P. ENG. GEOLOGIST
(IGNA ENGINEERING & CONSULTING LTD.)

Field Work: Sept. 17 & 21, Sept. 24 - 27, 1984
Office Work: Oct. 3 - 6, 1984

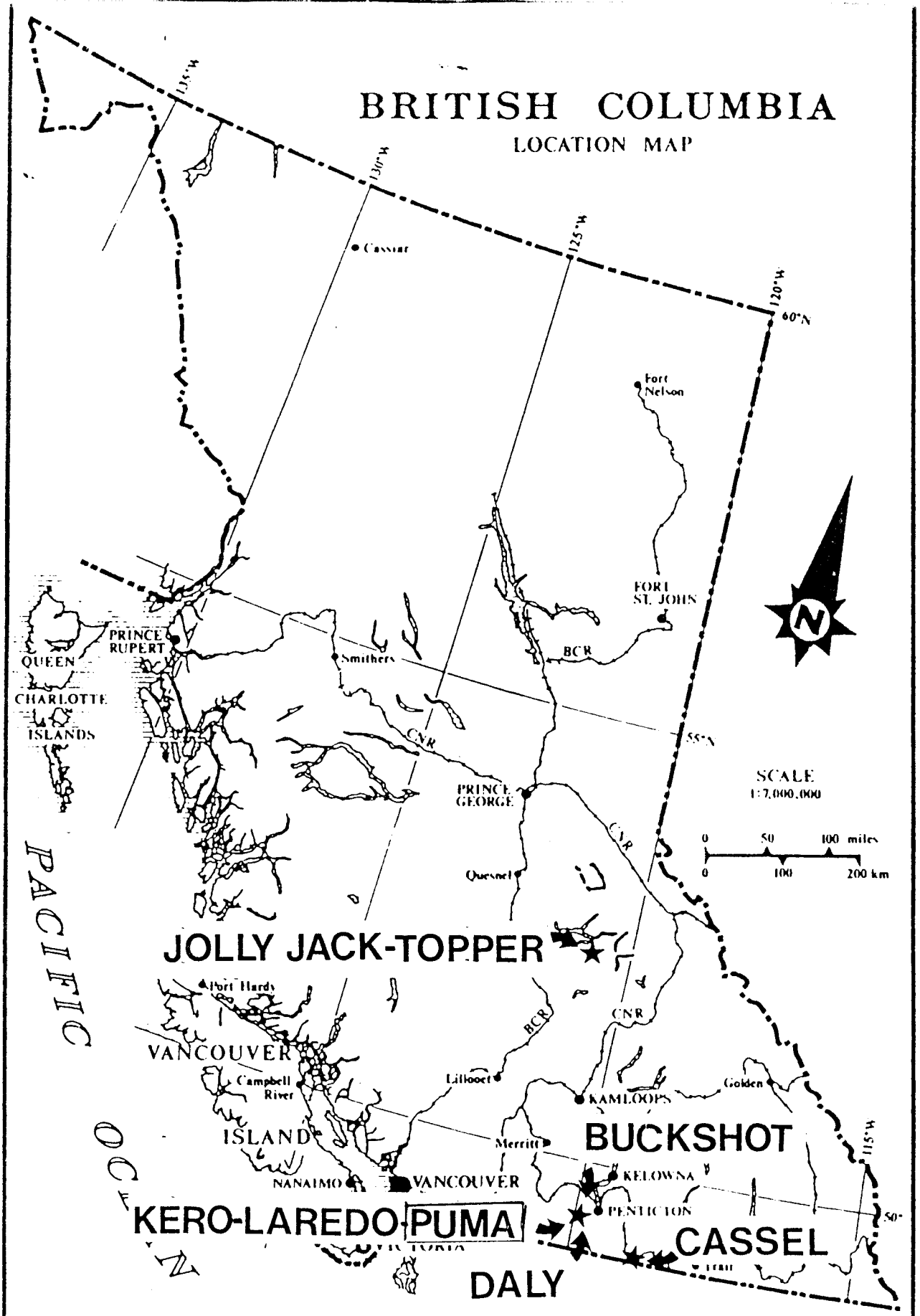
Report Submitted: *PETER F. WISHART*

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,845

BRITISH COLUMBIA

LOCATION MAP



IGNA
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GRAND NATIONAL RESOURCES INC.

DATE
 APRIL 12, 1984.
 FIG. No.

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ATTACHMENTS

ACME Analytical Lab's
Geochemical ICP Analysis
October 3, 1984
page 1 to 5

INTRODUCTION

Scope of the Report

This report describes the exploration work done to date; the results of the geophysical and geochemical reconnaissance survey and geological prospecting. Furthermore, it describes the results of the surveys and proposes the continuation of more detailed work.

PROPERTY (Fig. 1)

Location: Lat. 49°20' Long. 119°50' (N.T.S. 82E/5)
Kero-Laredo-Puma Group is located on Keremeos Creek and on the road to the Apex Ski Area, about 12 km north of Keremeos.

<u>Claims</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Expiry Date</u>
Kero 1	1	1606	Oct. 6/82	Oct. 6/85
Kero 2	1	1607	"	"
Kero 3	1	1634	Dec. 14/82	Dec. 14/85
Kero 4	1	1635	"	"
Laredo	20	1708	Mar. 31/83	Mar. 31/86
Laredo 1	15	1709	"	"
Laredo 2	20			
Puma	16	1937	Oct. 27/83	Oct. 27/84
Puma 1	14	1954	Nov. 25/83	Nov. 25/84
Puma 2	18	1955	"	"
Puma 3	18	1961	Dec. 15/83	Dec. 15/84
Puma 4	12	1975	Feb. 10/84	Feb. 10/85
Puma Fr	1	1938	Oct. 27/83	Oct. 27/84
Lynx 1	1	2005	Apr. 16/84	Apr. 16/85
Lynx 2	1	2006	"	"

Owner-Operator: Grand National Resources Inc.
of #915 - 470 Granville Street, Vancouver, B. C.

Access: Via Hwy 3A about 6 km to the north from Olalla, a Keremeos Creek road turns west through the Indian Reserve and crosses the Kero-Laredo-Puma property 3 km from the intersection. The road crosscuts the property at its southeastern edge. The area of this year's exploration activity is reached by helicopter or walking up the mountain to the workings.

GEOLOGY, STRUCTURE AND MINERALIZATION (Little, H.W. 1961-Fig.2)

The property is underlain by cherts, tuffs, and greenstones of the Shoemaker and Old Tom formations of the Triassic or earlier age. Jurassic limestones also outcrop on the property. All these rocks were intruded by the Cretaceous granites and granodiorites of the Nelson Plutonic complex.

Bedding strikes NE - SW with moderate to steep dips to the SE, Paleocene sediments and Eocene volcanics are unconformably capping the older units.

The Puma claims are underlain by altered volcanic, soft, chloritic and calcareous greenstones with pyrite, magnetite mineralization.

The quartz veins on a nearby Kero claim are filling fractures and shears in the greenstones with general trend east-west with moderate dip to the south. The vein in the Kero adit is 8 to 50 cm wide and is widening down the dip. Mineralization consists of pyrite and arsenopyrite.

In late October 1983, geologist R. Kregosky mapped and sampled the Kero workings and the following is his description of the local geology. This description also applies to the Puma claims.

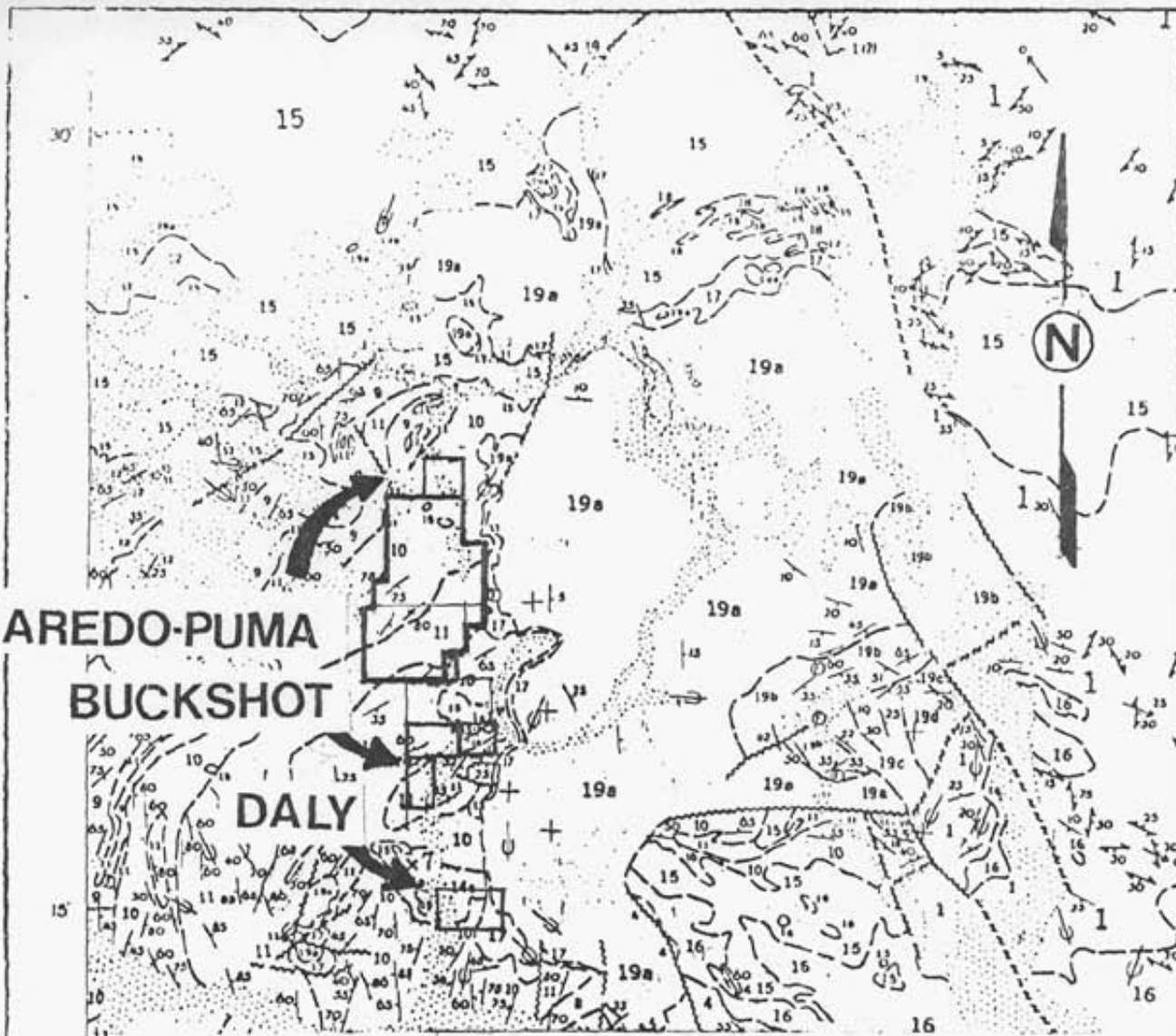
"The widest portion of the vein exposed in the adit is 33 cm (13") and is associated with a structurally strong shear zone that is at least 86.4 cm (32") wide. The vein pinches and swells along strike and is free on both the hanging and foot walls. The vein feathers up-dip into separate stringers which is also the case for the shear zone. It appears to be 'coming in' or expanding in a down dip direction. Mineralization consists of galena, sphalerite and pyrite which occur as disseminations as well as discrete stringers in the vein. The country rock is a greenstone (altered basic igneous rock) which exhibits contact metamorphism with the vein and is pyritic.

The trenching program has extended the structure and mineralization approximately 120 m (400') to the east and west for a total strike length of greater than 250 m (800') with an elevation difference of 97 m (318'). Attitudes are quite uniform over this distance indicating and supporting a structurally strong system. Though the trenching has uncovered the vein along strike the exposure is generally poor. The character of the vein is consistent over this strike length enhancing the down dip possibility of an occurrence similar to that exposed in the adit. The vein in the trenches is a vitreous quartz that is ribbon fractured and healed with limonite, pyrite, minor chalcopyrite, and galena disseminations, locally it is vuggy and gossaned.

The overall strike length, the similar character, mineralization and attitudes of the vein, the strength of the shear zone and vein as exposed in the adit indicate a strong continuity of the hydrothermal system."

KERO-LAREDO-PUMA BUCKSHOT

DALY



LEGEND

- PALEOCENE OR EOCENE**
- 18 Porphyritic granite and rhyolite
 - 17 Conglomerate, sandstone, shale, tuff
- CRETACEOUS (?)**
- 16 VALHALLA PLUTONIC ROCKS: granite, granodiorite
 - 15 NELSON PLUTONIC ROCKS: granodiorite, quartz diorite, diorite, granite, quartz monzonite, syenite, monzonite
- JURASSIC (?)**
- 14 14a, pyroxenite; 14b, hornblende; 14c, serpentine
- TRIASSIC OR JURASSIC**
- 13 Limestone
- TRIASSIC**
- UPPER TRIASSIC**
- NICOLA GROUP**
- 12 Greenstone, tuff, quartzite, limestone, argillite, and schist
- TRIASSIC OR EARLIER**
- 8-11 8. BARKSLOW FORMATION: argillite
 - 9. INDEPENDENCE FORMATION: chert, greenstone
 - 10. SHOEMAKER FORMATION: chert, some tuff and greenstone
 - 11. OLD TOM FORMATION: greenstone, minor diorite
- PERMIAN AND/OR TRIASSIC**
- ANARCHIST GROUP**
- 7 Greenstone, quartzite, greywacke, limestone; locally paragneiss
- PERMIAN AND (?) PENNSYLVANIAN**
- 5,6 5. CACHE CREEK GROUP: greenstone, quartzite, argillite, limestone
 - 6. BIRD CREEK FORMATION: limestone, limy argillite
- CARBONIFEROUS (?)**
- KOBAU GROUP**
- 4 Quartzite, schist, greenstone

- Drift-covered area
- Geological boundary defined, approximate
- Bedding (horizontal, inclined)
- Bedding, tops unknown (inclined, vertical)
- Continuity (inclined, vertical)
- Subsidence (inclined, vertical)
- Fault defined, approximate, assumed
- Limestone
- Clastic strata
- Fossil locality
- Mineral property

GRAND NATIONAL RESOURCES INC. KERO - LAREDO - PUMA PROPERTY		
BUCKSHOT AND DALY PROPERTIES GEOLOGY (LITTLE, H. W., 1961)		
IGNA engineering & consulting ltd.	N.T.S. 82E/W1/2 Scale 1:250,000	FIG. No. 2

MESOZOIC

PALAEZOIC

The Kero vein system is believed to continue along the north-easterly strike toward Puma and Puma Fr claims.

HISTORY OF EXPLORATION AND WORK DONE

The Puma, Puma Fr, Lynx 1 & 2 are covering parts of the same geological structures as ones found on the Kero-Laredo area. The mineral potential of the area of Kero-Laredo-Puma property was known and results of the past exploration recorded in the Annual Reports of the Ministry of Mines (B. C.) for 1899 - 1904, 1906, 1908 and 1928. Most of the existing underground workings and surface development was done before 1908. Complex mineralization composed mainly of pyrite and chalcopyrite, gold, silver, lead and zinc occurs in scarns.

In 1962 the area was known as Bullion and owned by Friday Mines Limited. Minor exploration work was done.

The Kero property was staked in 1964 by M. Schram of Olalla and trenching on the vein structure started. The mineralization vein structure was opened and vein was sampled.

Grand National Resources Inc. became the owner of the Kero-Laredo-Puma property in 1983.

Exploration Work - September 1984

Reconnaissance geophysical, geochemical and prospecting work was done on part of the Puma Fr, Puma and Lynx claims.

Geophysical Survey (Fig. 3, 4)

The VLF - EM Reconnaissance survey was done on the Puma Fr grid composed of 1.1 km/lines spaced 50 m apart with readings taken at 25 m intervals on the lines.

Instrument: Sabre Model 27 VLF - EM receiver

Station Used: Seattle, Frequency 24.8 kHz

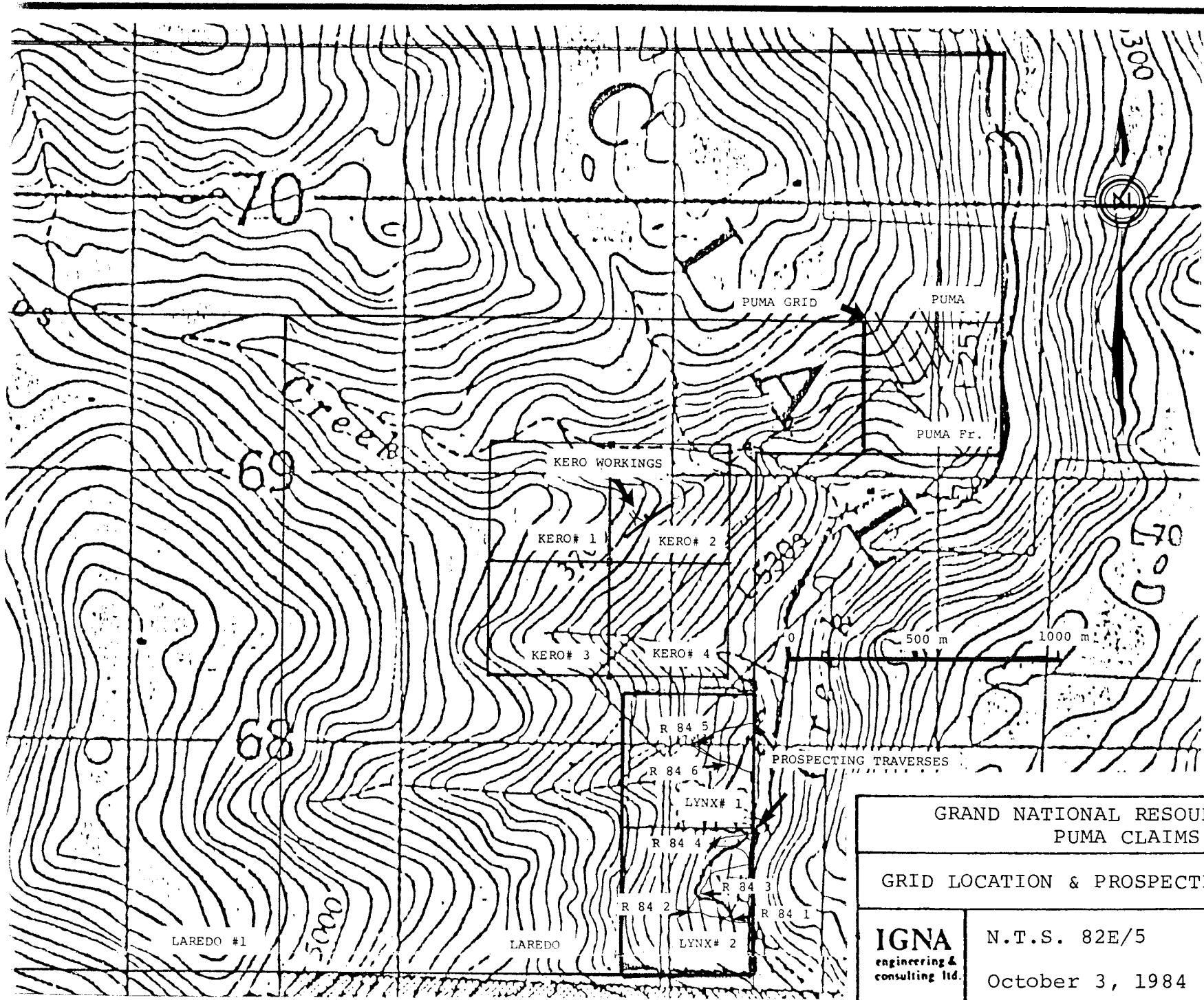
Tilt Direction: 245°

Grid lines were run by chain and compass and flagged every 25 m.

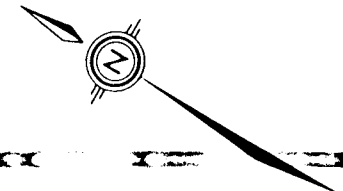
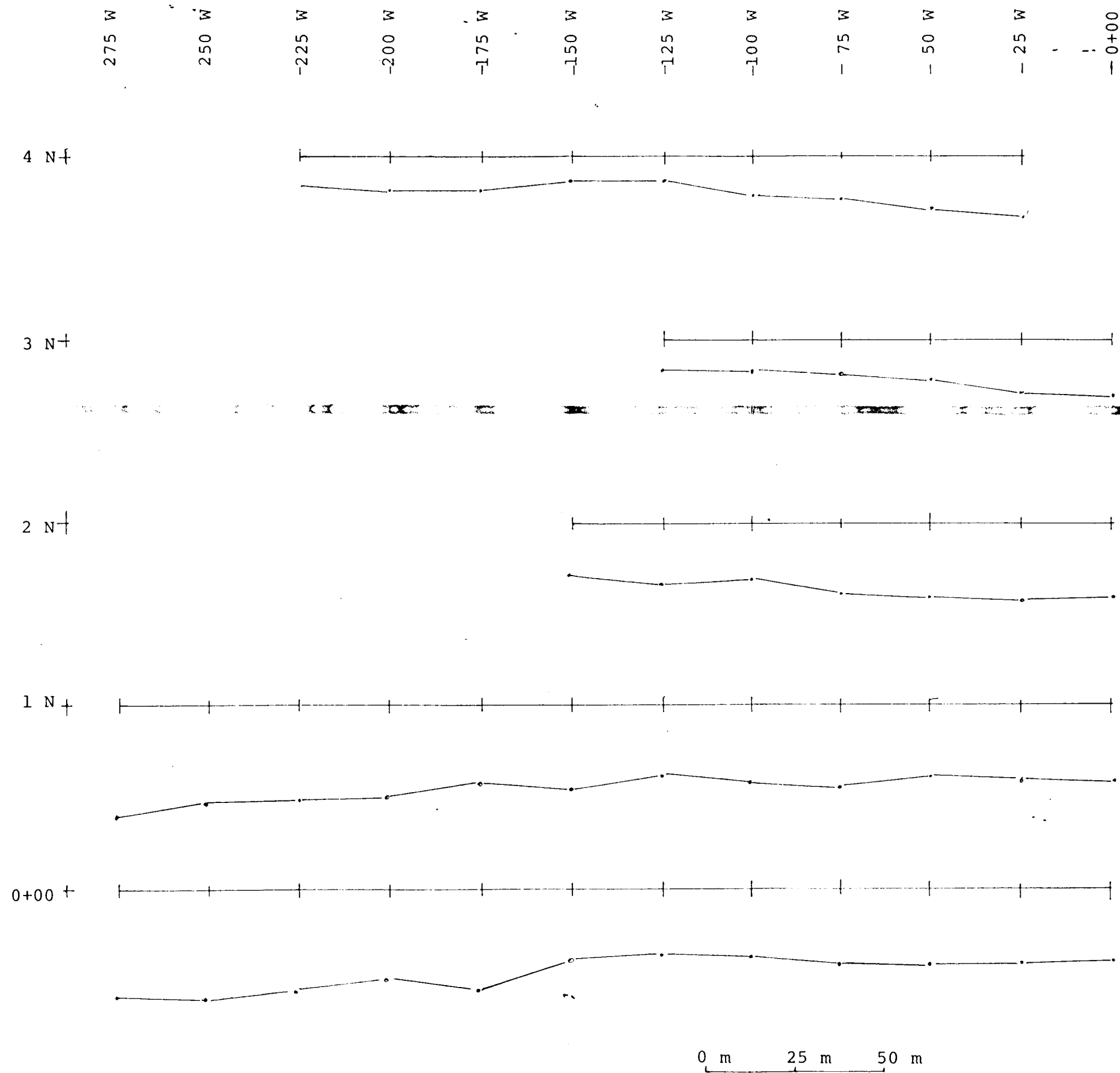
Results:

Expected possible crossover, over projection of the Kero vein structure did not occur. It appears that some kind of contact was coming closer to the surface on lines 3N and 4N at 125W and 150W stations.

This possibility should be further investigated to the north-west and northeast of the grid.



GRAND NATIONAL RESOURCES INC. PUMA CLAIMS		
GRID LOCATION & PROSPECTING TRAVERSES		
IGNA engineering & consulting ltd.	N.T.S. 82E/5 October 3, 1984	FIG. No. 3



INSTRUMENT: Sabre Model 27
 STATION: Seattle, 24.8 kHz
 TILT AZ: 245°
 INPHASE PROFILE:

GRAND NATIONAL RESOURCES INC.		
PUMA CLAIM		
VLF - EM SURVEY - INPHASE PROFILE		
IGNA engineering & consulting ltd.	N.T.S. 82E/5	Fig. No.
	October 3, 1984	4

Geochemical Soil Survey

Reconnaissance survey was done on the same Puma Fr grid used for VLF - EM mapping.

All soil samples were taken from the poorly developed "B" horizon.

Treatment and ICP analysis were done by ACME Analytical Laboratories Ltd. of Vancouver, B. C. Laboratory procedure is described in detail on the attached assay sheets.

Samples were assayed for Cu, Pb, Zn, Ag, As and Au.

Results: (Fig. 3, 5, 6)

Copper values considered anomalous for the area are above 100 ppm. Line 0+00 and line 1N from 200W to 275W show anomalous copper values.

Lead, zinc, silver, arsenic and gold values are generally low except for one anomalous gold assay of 15 ppb on line 0+00, 100W.

Comment: It appears that a continuation of the soil survey should be extended in the northwesterly direction.

Prospecting (Fig. 3)

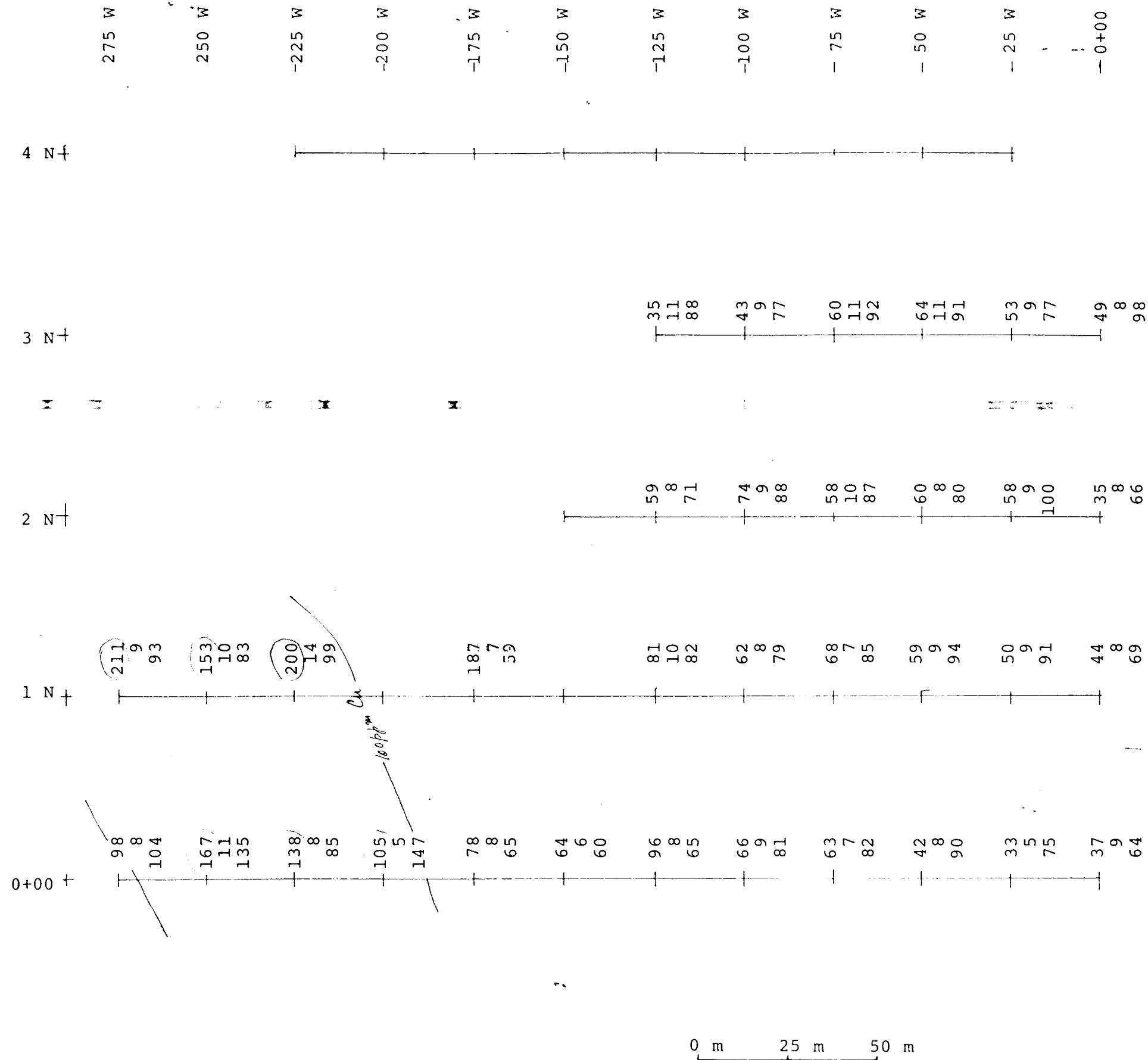
Lynx 1 & 2 claims are located in the heart of the Keremeos Creek Canyon and prospecting was rather restricted to a small area around the road up to the rock bluffs on the west side of the property.

Two distinct rock types were found underlying the claims:

1. Reddish white, sugary texture quartzite strongly fractured. If broken contains about 5 to 10% manganese filled numerous fractures. (R-84 1 - R-84 4)
2. Green to dark green, fine grained andesitic volcanic rocks with minor hydrothermal alterations along fractures filled mostly with epidote, chlorite, quartz and sometimes calcite. (R-84 5 & 6)

Structure

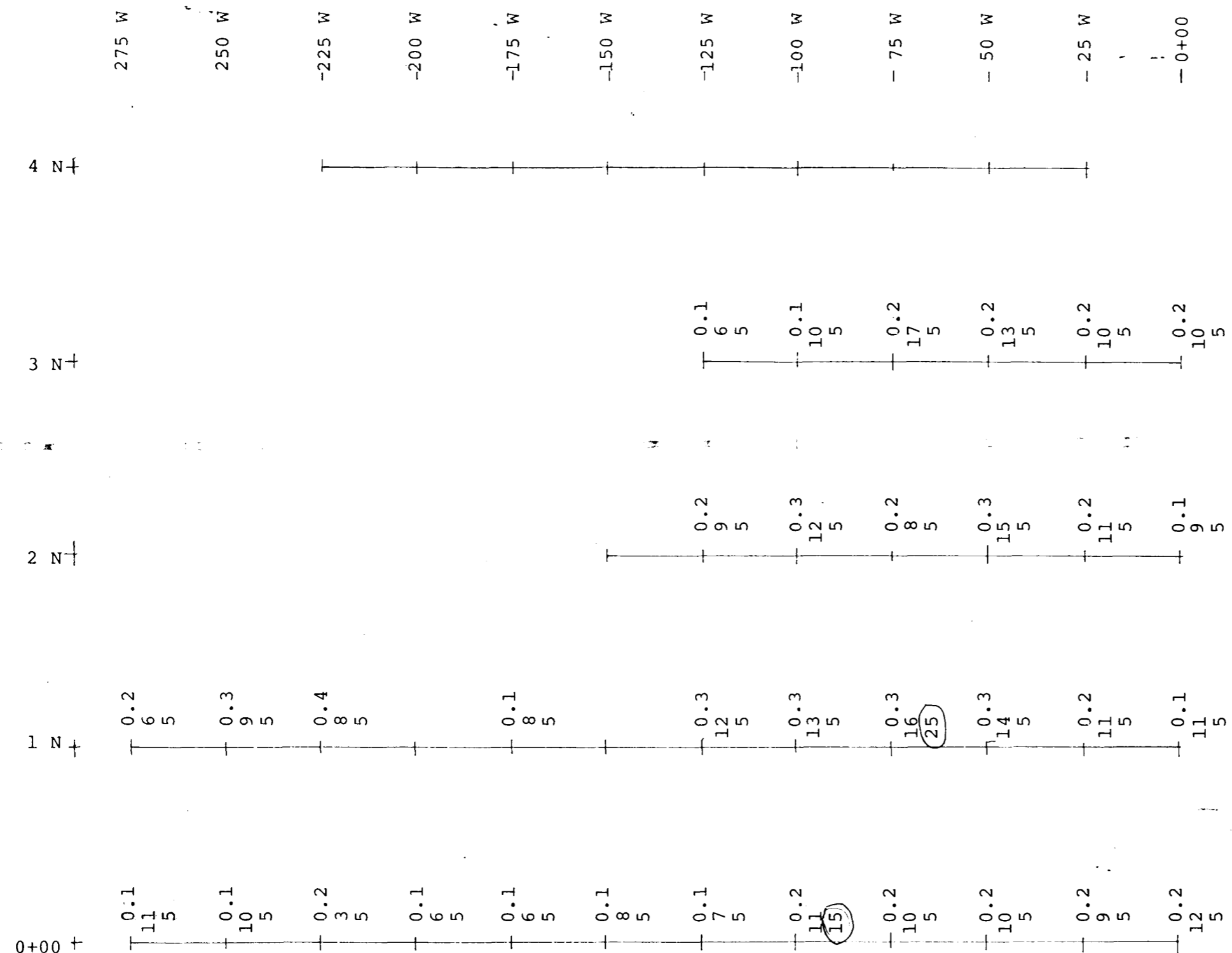
Strong N - S faulting and fracturing is evident in the canyon walls. A number of strong E - W fractures was observed in the area of Lynx 2 (R-84 2). Hydrothermal alteration was much stronger in that area and also manganese content appears to be larger. Volcanic rocks contain about 0.5% disseminated pyrite near the covered volcanic - quartzite contact.



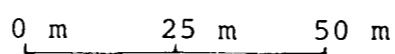
105 = Cu
 7 = Pb
 95 = Zn
 105 = ANOMALOUS

GRAND NATIONAL RESOURCES INC.		
PUMA CLAIM		
GEOCHEM SOIL SURVEY		
IGNA engineering & consulting ltd.	N.T.S. 82E/5	Fig. No.
	October 3, 1984	5

0 m 25 m 50 m



- 1.2 - Ag
- 11 - As
- 10 - Au
- 10 - ANOMALOUS



GRAND NATIONAL RESOURCES INC.		
PUMA CLAIM		
GEOCHEM SOIL SURVEY		
IGNA engineering & consulting ltd.	N.T.S. 82E/5	Fig. No.
	October 3, 1984	6

CONCLUSIONS AND RECOMMENDATIONS

The results of the recent exploration carried out on the Puma, Puma Fr and Lynx 1 & 2 property are inconclusive because of their reconnaissance nature.

The property's value should be further explored with more detailed work.

EXPLORATION PROGRAM

Continuance of the exploration comprising a detailed geological mapping and extensive reconnaissance and a detailed geophysical VLF - EM and geochem surveys is recommended.

ESTIMATED BUDGET

Phase I

Geological mapping, supervision, report	\$ 9,500
Geophysical VLF - EM survey	\$ 2,500
Geochemical soil survey	\$ 3,500
Room & board	\$ 1,500
Transportation (4x4)	\$ 1,500
Total Phase I:	\$ 18,500

Phase II

Trenching, blasting, sampling	\$ 5,000
Drilling	\$ 150,000
Total Phase II:	\$ 155,000

	\$ 18,500
	<u>\$ 155,000</u>
Phase I + Phase II:	\$ 173,500
Contingencies 10%:	<u>\$ 17,350</u>
TOTAL ESTIMATED BUDGET:	<u><u>\$ 190,850</u></u>

BIBLIOGRAPHY

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- Bostock, H. S. GSC Paper Part A, 1929.
- Camsell, C., Memoir 2, GSC., 1910.
- Gruenwald, W. Geochemical and Geological Report on the Key #1 to #9 claims (unpublished report), 1980.
- Kregosky, R. (1984): Report on the Buckshot and Daly Properties (Files of Grand National Resources Inc.).
- Minister of Mines. Annual Reports for 1899, 1904, 1906, 1908, 1928, 1933, 1962, 1964, 1966.
- Pringle, D. W. Report on the Kero-Laredo Group, Keremeos Creek area, Cassel Group, South Rock Creek area and Jolly Jack group, Quesnel-Horsefly area (unpublished report), August 1983.

STATEMENT OF EXPENSES

PUMA, PUMA FR, LYNX

Field Work; Office Work

Geophysical VLF - EM survey (Sabre Model 27)
Instrument man, 6 days @ \$100.00/day \$ 600.00

Geochemical Soil Survey
Sampler, 5 days @ \$85.00/day \$ 425.00

Assaying (\$1450.00 total cost Buckshot + Puma).... \$ 250.00

Supervision, prospecting, report,
8 days @ \$300.00/day \$ 2,400.00

Report preparations (drafting, word processing)... \$ 140.00

Field Expenses:

Room & board, 4x4, gas, materials
40% of \$2,104.00 \$ 842.00

TOTAL EXPENDITURES: \$ 4,657.00

PERSONNEL

Geological Engineer, Supervisor

VLF - EM Operator

Field Assistant, Sampler

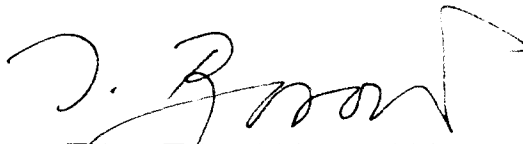
IGNA engineering & consulting ltd.

C E R T I F I C A T E

I, I. Borovic, with business address in Vancouver, British Columbia, do hereby certify that:

1. I have personally supervised the exploration program carried out in the area of Grand National Resources Inc.'s Puma Claims, Osoyoos Mining Division, British Columbia.
2. The expenditures claimed for the performance of the work are correct.

Respectfully submitted,



I. Borovic, P. Eng.
Geologist

October 7, 1984

ACME ANALYTICAL LABORATORIES LTD.
 52 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
 PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 28 1984

DATE REPORT MAILED: *Oct 3/84*

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOILS AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER

GRAND NATIONAL FILE # 84-2813

PAGE 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
<i>PUMA GRUB</i> P 3N 125W	35	11	88	.1	6	5
P 3N 100W	43	9	77	.1	10	35
P 3N 75W	60	11	92	.2	17	5
P 3N 50W	64	11	91	.2	13	5
P 3N 25W	53	9	77	.2	10	5
P 3N 0W	49	8	98	.2	10	5
P 2N 125W	59	8	71	.2	9	5
P 2N 100W	74	9	88	.3	12	5
P 2N 75W	58	10	87	.2	8	5
P 2N 50W	60	8	80	.3	15	5
P 2N 25W	58	9	100	.2	11	5
P 2N 0W	35	8	66	.1	9	5
P 1N 275W	211	9	93	.2	6	5
P 1N 250W	153	10	83	.3	9	5
P 1N 225W	200	14	99	.4	8	5
P 1N 175W	187	7	59	.1	8	5
P 1N 125W	81	10	82	.3	12	5
P 1N 100W	62	8	79	.3	13	5
P 1N 75W	68	7	85	.3	16	25
P 1N 50W	59	9	94	.3	14	5
P 1N 25W	50	9	91	.2	11	5
P 1N 0W	44	8	69	.1	11	5
P ON 275W	98	8	104	.1	11	5
P ON 250W	167	11	135	.1	10	5
P ON 225W	138	8	85	.2	3	5
P ON 200W	105	5	147	.1	6	5
P ON 175W	78	8	65	.1	6	5
P ON 150W	64	6	60	.1	8	5
P ON 125W	96	8	65	.1	7	5
P ON 100W	66	9	81	.2	11	15
P ON 75W	63	7	82	.2	10	5
P ON 50W	42	8	90	.2	10	5
P ON 25W	33	5	75	.2	9	5
P ON 0W	37	9	64	.2	12	5
<i>G J#2</i> BUTTE 4N 150E	37	3	71	.1	11	5
BUTTE 4N 175E	122	9	105	.3	26	215
BUTTE 4N 200E	79	9	87	.2	18	15
STD C/AU 0.5	61	37	120	6.3	39	505

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
BUTTE 4N 225E	36	6	93	.1	11	5
BUTTE 4N 250E	42	6	68	.1	16	5
BUTTE 4N 275E	35	7	79	.1	13	5
BUTTE 4N 300E	51	9	82	.3	21	75
BUTTE 4N 325E	61	15	66	.8	23	5
BUTTE 4N 350E	45	8	53	.2	14	5
BUTTE 4N 375E	46	11	71	.4	13	5
BUTTE 4N 400E	55	5	85	.2	11	5
BUTTE 2N 175E	69	8	201	.1	18	5
BUTTE 2N 200E	32	4	77	.3	7	5
BUTTE 2N 225E	36	7	146	.2	24	5
BUTTE 2N 250E	38	5	118	.1	13	5
BUTTE 2N 275E	37	7	100	.2	17	5
BUTTE 2N 300E	44	7	64	.1	13	5
BUTTE 2N 325E	46	8	51	.2	19	5
BUTTE 2N 350E	51	8	69	.3	14	5
BUTTE 2N 375E	29	9	45	.5	5	5
BUTTE 2N 400E	46	9	96	.2	12	5
BUTTE 2N 425E	80	11	148	.1	11	5
BUTTE 0E	61	10	128	.1	24	5
BUTTE 25E	86	7	123	.1	14	5
BUTTE 50E	90	8	138	.2	14	5
BUTTE 75E	155	20	190	.4	34	5
BUTTE 100E	194	17	167	.1	21	5
BUTTE 125E	114	15	197	.4	22	10
BUTTE 150E	93	7	177	1.1	23	5
BUTTE 175E	123	10	258	.4	20	5
BUTTE 200E	108	14	227	.5	31	15
BUTTE 225E	118	17	304	1.3	47	5
BUTTE 250E	109	15	220	.7	24	15
BUTTE 275E	38	12	82	.2	9	5
BUTTE 300E	54	10	71	.3	19	5
BUTTE 325E	33	5	63	.2	7	5
BUTTE 350E	43	4	45	.2	3	5
BUTTE 375E	139	11	200	.2	14	5
BUTTE 400E	99	13	141	.3	12	5
BUTTE 425E	95	10	133	.5	21	5
STD C/AU 0.5	57	37	126	6.3	38	495

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
BUTTE 2S 225E	129	27	213	6.7	40	5
BUTTE 2S 250E	144	22	258	2.1	31	5
BUTTE 2S 275E	138	12	281	1.2	30	5
BUTTE 2S 300E	50	21	196	.5	15	5
BUTTE 2S 325E	94	6	109	.5	17	5
BUTTE 2S 350E	160	10	145	.3	20	5
BUTTE 2S 375E	54	10	97	.2	15	5
BUTTE 2S 400E	78	11	117	.2	28	5
BUTTE 2S 425E	85	10	124	.3	20	5
BUTTE 4S 225E	163	34	268	1.6	46	5
BUTTE 4S 250E	294	20	359	.6	38	5
BUTTE 4S 275E	266	14	317	.7	34	5
BUTTE 4S 300E	144	11	299	.3	25	15
BUTTE 4S 325E	105	12	176	.4	26	5
BUTTE 4S 350E	87	12	122	.3	27	5
BUTTE 4S 375E	135	9	120	.5	31	5
BUTTE 4S 400E	178	35	362	.6	35	5
BUTTE 4S 425E	212	53	363	2.3	105	20
SP 3W 700	104	19	172	.4	60	5
SP 3W 750	174	23	282	1.2	45	10
SP 3W 800	58	9	88	.1	18	5
SP 3W 850	59	14	105	.3	34	5
SP 3W 900	95	21	162	.6	53	5
SP 3W 925	56	12	136	.3	25	5
SP 2W 600	113	20	178	.2	24	5
SP 2W 650	144	15	138	.4	43	5
SP 2W 700	105	17	140	.4	42	5
SP 2W 750	83	16	140	.2	26	5
SP 2W 800	80	18	116	.6	45	5
SP 2W 850	91	21	129	.4	48	5
SP 2W 900	61	11	103	.2	24	5
SP 1W 600	68	7	103	.2	21	5
SP 1W 650	115	22	171	1.1	59	15
SP 1W 700	125	22	180	1.0	67	5
SP 1W 750	99	13	155	.5	34	5
SP 1W 800	49	10	95	.3	16	5
SP 1W 850	92	14	106	.4	36	5
STD C/AU-0.5	57	38	122	6.5	42	495

GRID #3

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
SP 1W 900	21	4	75	.1	6	5
SP 50	345	42	163	2.0	48	5
SP 100	148	15	159	.4	22	5
SP 150	150	14	167	.3	32	5
SP 200	196	37	313	1.1	54	5
SP 250	66	17	117	.5	47	10
SP 300	104	15	156	.6	27	5
SP 350	99	7	111	.3	26	5
SP 400	125	20	179	.6	36	5
SP 450	108	9	111	.3	28	5
SP 500	107	12	100	.6	34	5
SP 550	113	7	95	.2	20	5
SP 600	64	9	93	.2	15	5
SP 650	110	15	139	.4	62	5
SP 700	96	14	124	.5	51	5
SP 750	56	9	108	.2	14	5
SP 800	51	8	151	.1	10	5
SP 850	69	7	76	.1	14	5
SP 900	25	5	407	.1	37	5
SP 950	83	19	174	.1	158	5
SP 1000	66	58	369	.7	301	75
SP 1050	185	16	162	.5	90	15
SP 1E 700	85	14	101	.2	30	5
SP 1E 750	62	8	104	.2	20	5
SP 1E 800	59	2	30	.4	13	5
SP 1E 850	106	8	89	.4	34	5
SP 1E 875	37	3	58	.1	14	5
BUCK RECON 600E	104	20	137	.8	37	5
BUCK RECON 650E	91	14	133	.3	50	5
BUCK RECON 700E	77	13	119	.4	31	5
BUCK RECON 750E	101	20	81	.3	34	65
BUCK RECON 800E	88	10	97	.3	27	5
BUCK RECON 850E	66	8	96	.2	23	5
BUCK RECON 900E	63	7	95	.3	23	5
L2 OS 0E	131	8	127	.1	15	5
L2 OS 50E	136	9	112	.1	20	5
L2 OS 75E	140	14	131	.1	17	5
STD C/AU 0.5	61	39	121	6.1	41	505

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L2 0S 100E	173	11	121	.2	21	5
L2 0S 125E	168	12	134	.3	17	5
L2 1S 50W	129	15	131	.2	13	15
L2 1S 25W	210	13	137	.3	19	20
L2 1S 0E	110	33	196	.3	11	40
L2 1S 25E	132	13	154	.3	11	85
L2 1S 50E	104	12	181	.2	11	5
L2 1S 75E	63	12	190	.1	9	5
L2 2S 50W	283	5	120	.3	13	5
L2 2S 25W	228	12	118	.4	15	5
L2 2S 0E	128	13	125	.3	14	5
L2 2S 25E	83	12	122	.3	12	5
L2 2S 50E	101	12	125	.1	14	5
L2 3S 75E	70	12	147	2.7	13	5
STD C/AU-0.5	59	38	124	6.3	41	505