

LOG NO: 0129

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ACTION:

FILE NO:

REPORT ON THE GEOCHEMICAL
SURVEY

OF

THE KERO PROJECT

Kero-Laredo-Fuma Claims

Lat. 49 20'N; Long. 119 50'W

N.T.S. 82 E/4&5

OSOYOS M. D.

British Columbia

SUB-RECORDER
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VANCOUVER, B.C.

Owner-Operator:

GRAND NATIONAL RESOURCES INC

by

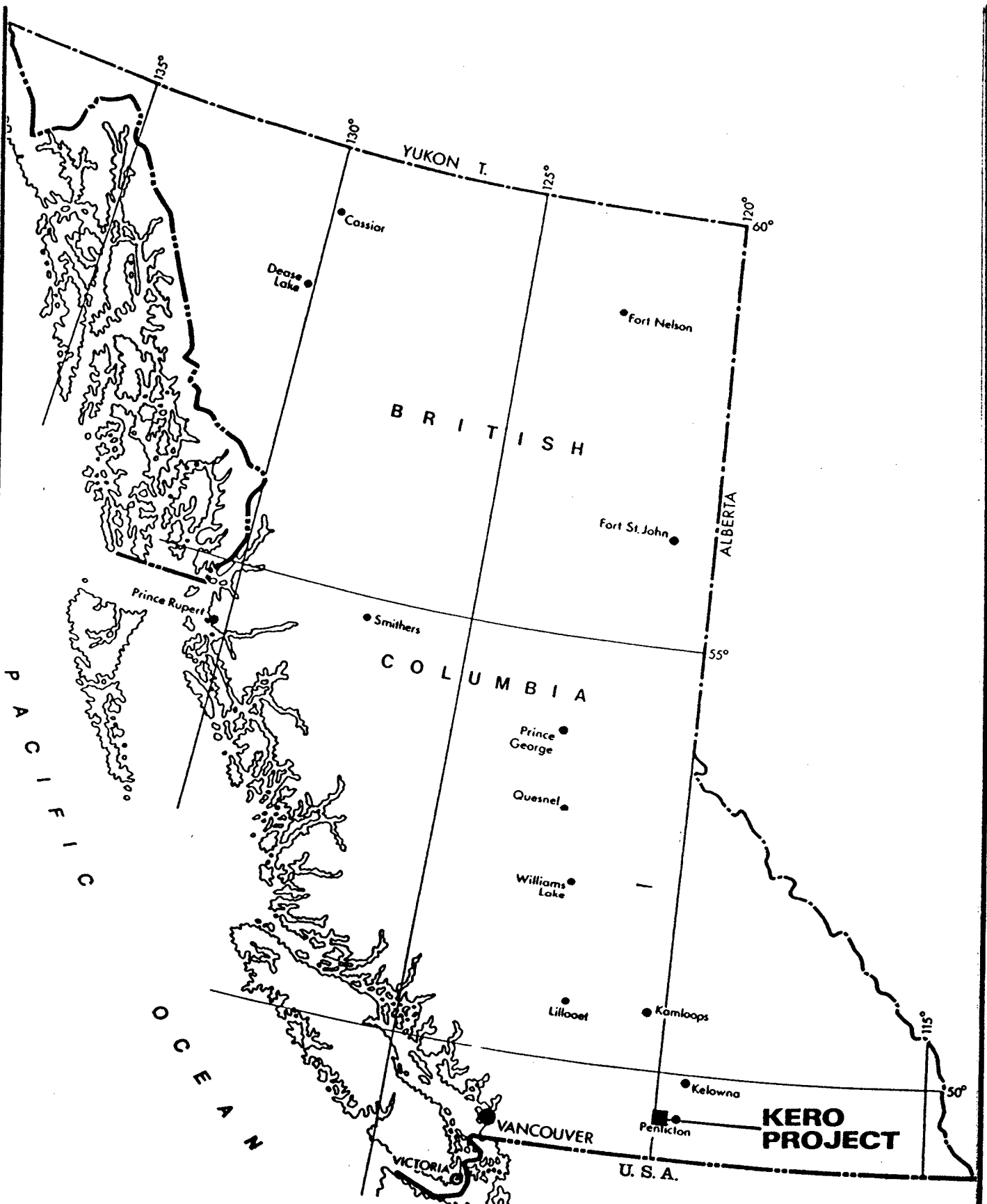
I. BOROVIĆ, P. Eng.
geologist

VANCOUVER, B. C.
Jan. 25, 1988.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

FILMED

16,945



IGNA

engineering & consulting ltd.

Grand National Resources Inc.

KERO PROJECT

Location Map

Scale: 0 100 km

NTS 93 A7,
82 E4,5W

Date: 10 July 1987

Figure: 1

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INTRODUCTION

Geochemical soil survey of the Laredo claim (Kero Project) has been done during Sept. 1987.

Two men crew comprising field supervisor and an assistant was employed.

The results of the survey were examined by the writer and findings are described in this Report.

PROPERTY

(Fig.2)

Location:

Lat. 49°20' Long. 119°50' (N.T.S. 82E/5)

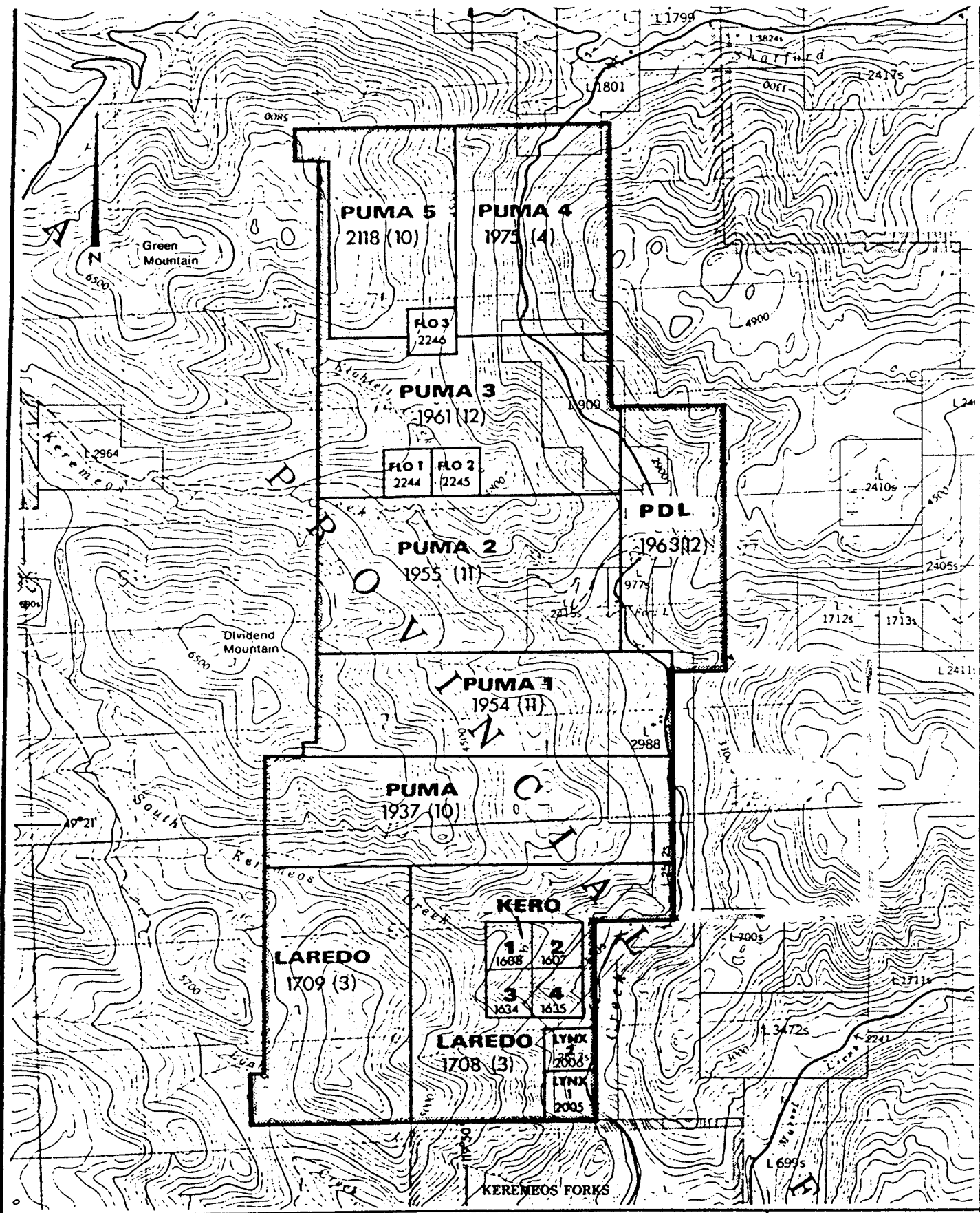
Kero-Laredo-Puma Group is located on Keremeos Creek and on the road to Apex Ski Area, from about 7 to 12 km north of Keremeos.

Claims

Claims	No. of Units	Record no.	Record Date	Expiry Date
LAREDO	20	1708	Mar 31/85	Mar 31/88
LAREDO #1	15	1709	Mar 31/83	Mar 31/89
KERO #1	1	1606	Oct 6/82	Oct 6/89
KERO #2	1	1607	Oct 6/82	Oct 6/89
KERO #3	1	1634	Dec 14/82	Dec 14/89
KERO #4	1	1635	Dec 14/82	Dec 14/89
PUMA	16	1937	Oct 27/83	Oct 27/87
PUMA #1	14	1954	Nov 25/83	Nov 25/87
PUMA #2	18	1955	Nov 25/83	Nov 25/87
PUMA #3	18	1961	Dec 15/83	Dec 15/87
PUMA #4	12	1975	Feb 10/84	Feb 10/88
PUMA #5	12	2118	Oct 5/84	Oct 5/87
PUMA FR.	1	1938	Oct 27/83	Oct 27/90
FLO #1	1	2244	June 25/85	June 25/89
FLO #2	1	2245	June 25/85	June 25/89
FLO #3	1	2246	June 25/85	June 24/89
LYNX #1	1	2005	Apr 16/84	Apr 16/91
LYNX #2	1	2006	Apr 16/84	Apr 16/92

Access

Via Hwy 3A about 6 km to the north from Olalla, a Green Mtn. 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. Access road was built in 1986 to reach Kero adit.



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KERO PROJECT
Claim Map
KERO - PUMA - LAREDO CLAIMS

Scale: 0 — 1km
 NTS 82 E 4.5W
 Date: 10 July 1987
 Figure: 2

OWNER-OPERATOR:

GRAND NATIONAL RESOURCES Inc. of #900-626 Pender St.,
Vancouver, B.C. V6B 1V9

Facilities and Services

The nearby settlement of Keremeos and Okanagan Falls have excellent room and board facilities for accommodating the exploration crew. Major socioeconomic centres with schools, hospitals and heavy-duty equipment are in Penticton about 25 km to the east; Princeton--some 80 km to the west, and Osoyoos, about 80 km to the southeast on Hwy 3.

Property Resources

There is ample timber available on the property, water for drilling is available from the Keremeos Creek.

GEOLOGY and STRUCTURE

(Fig.3)

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 SE, Paleocene sediments and Eocene volcanics are unconformably capping the older units.

HISTORY OF EXPLORATION AND WORK DONE

The mineral exploration of the area of Kero-Laredo-Puma property was described 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 chalcopryrite, gold, silver, lead and zinc occurs in scarns and what appears epithermal quartz veins.

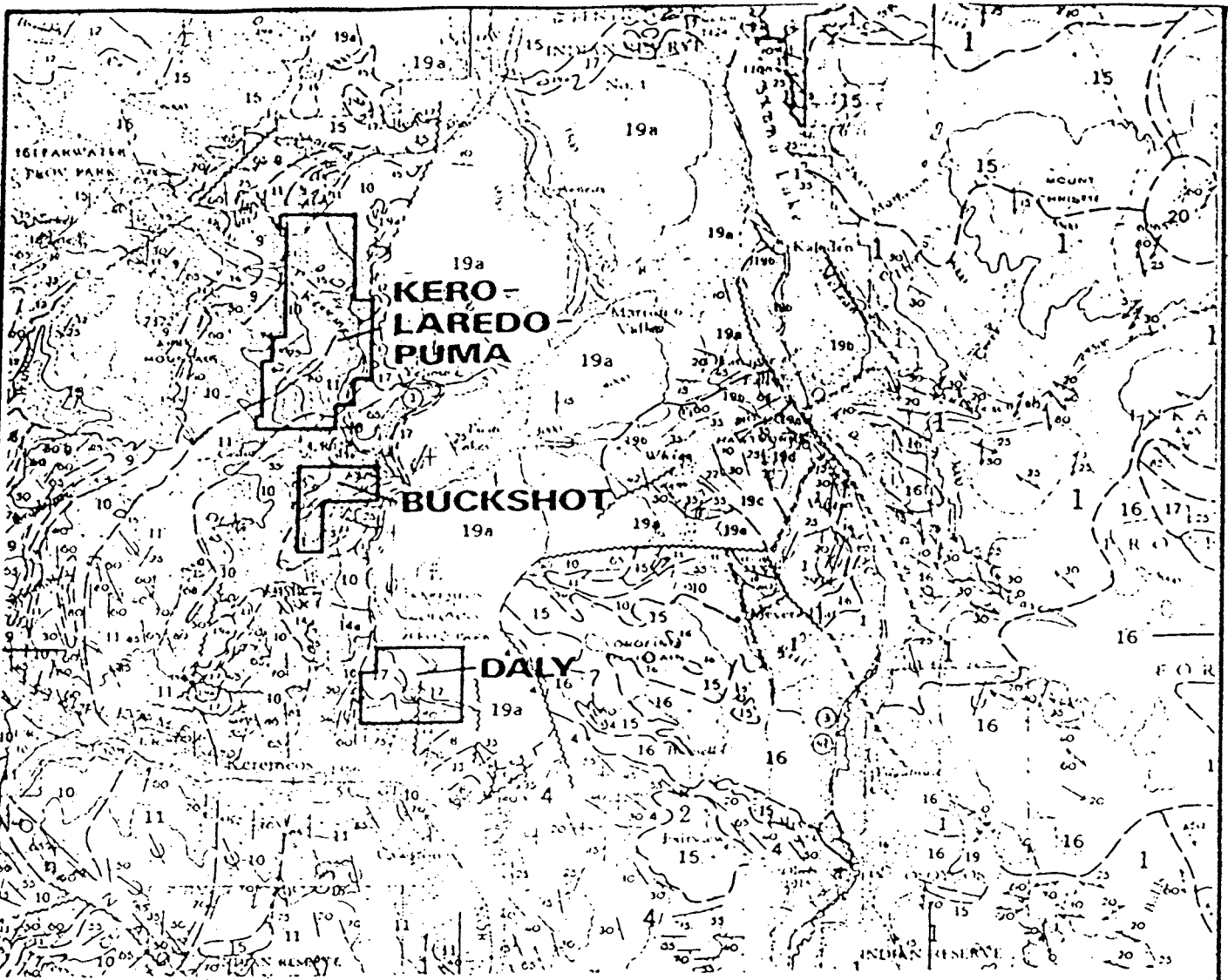
1964 The Kero claims were staked in 1964 by M. Schram of Olalla some trenching on the vein structure was done.

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

1985

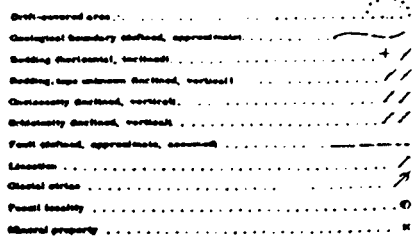
M. Schram found "a lensoid, massive sulphide" (R. Kregosky, March 15, 1985) showing near the Dry Gulch grid lines.

The showing was previously sampled and assay results indicated good copper values with some gold, silver, lead and zinc.



LEGEND

CENOZOIC	16	PALEOCENE OR Eocene Porphyritic granite and rhyolite	PRECAMBRIAN OR LATER	17	OLD DAVE intrusions - conglomerated ultrabasic rocks	
	17	Conglomerate, sandstone, shale, silt		7	CHAPPERTON GROUP Chert, argillite, quartzite	
	MESOZOIC	14		VALLELLA PLATONIC ROCKS - granite, granodiorite	1	MOHAWKE GROUP Layered gneiss (gneissoid), minor schist, amphibolite, quartzite, marble, and pagonite
		15		WELSH PLUTONIC ROCKS - granodiorite, quartz diorite, diorite, granite, quartz monzonite, syenite, monzonite		
		14		JURASSIC (?) Ls., argillite, slt., sandstone, sh., conglomerate		
		15		TRIASSIC OR JURASSIC Limestone		
	PALEOZOIC	17		TRIASSIC UPPER TRIASSIC WICOLA GROUP Gneiss, silt, quartzite, limestone, argillite, and schist		
		8-11		TRIASSIC OR EARLIER 8. BARKER FORMATION: argillite 9. INDEPENDENCE FORMATION: schist, granite 10. SHUFMAKER FORMATION: schist, quartz silt and greenstone 11. OLD TOM FORMATION: granodiorite, minor diorite		
		7		PERMIAN AND/OR TRIASSIC APACHE GROUP Gneiss, quartzite, gneiss, limestone, locally porphyritic		
		5, 6		PERMIAN AND (?) PENNSYLVANIAN 5. CACHE CREEK GROUP: granodiorite, quartzite, argillite, limestone 6. BLIND CREEK FORMATION: limestone, clay argillite		
	4	CARBONIFEROUS (?) ROBAU GROUP Quartzite, schist, granodiorite				



Geology by H.W. Little, 1958 and 1959

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consulting ltd.

Grand National Resources Inc.
KERO PROJECT
Regional Geology

Scale: 1 0 1 2 Miles
NTS 82 E 4.5W
Date: 10 July 1987
Figure: **3**

In March of 1985 reconnaissance VLF-EM survey on the Laredo Dry Gulch area was done. The survey results indicated a number of E-W trending conductors. The detail description of this work is found in Kregosky's March 15, 1985 report.

In early June of 1985 three 1000 m lines were picketed and the soil samples were collected in early August .

Results of that work were reported in Borovic, I. Sept. 24, 1985. Report.

The results of the survey were succesful in showing that a strong copper anomalous zone of about 500 m width exists. The writer recommended "continuation of the geochemical survey toward east.....If succesful in delineating large copper anomaly, the IP survey should be done.."(I. Borovic 1985).

WORK DONE 1987

GEOCHEMICAL SOIL SURVEY

Survey control

A survey control grid totaling 8.6 km was added toward east from the three lines surveyed in 1985. Lines are spaced at 100 m intervals and stations were marked at 50 m on the line.

Sampling method

Samples were taken from the "B" horizon which is about 5 to 10 cm below surface. The soil material was collected with a spoon; cleaned of larger size particles and put in the standard soil sample envelope which was marked with coordinate location. Samples were collected at regular 50 m intervals along the lines. Total of 176 samples was collected and assayed.

Analytical methods

Soil samples were dried, pulverised, screened to -80 mesh and subsequent AA analyses were done by Acme Analytical Laboratories Ltd. of Vancouver, B.C.

Samples were assayed for copper, silver, gold, zinc and lead.

Presentation of results

The results of the geochemical survey are presented in Figures No.4, 5, 6, 7 and 8 of this report. These are maps, scale 1:5 000 showing copper, silver, gold, zinc and lead contents in parts per million and gold content in parts per billion.

Results

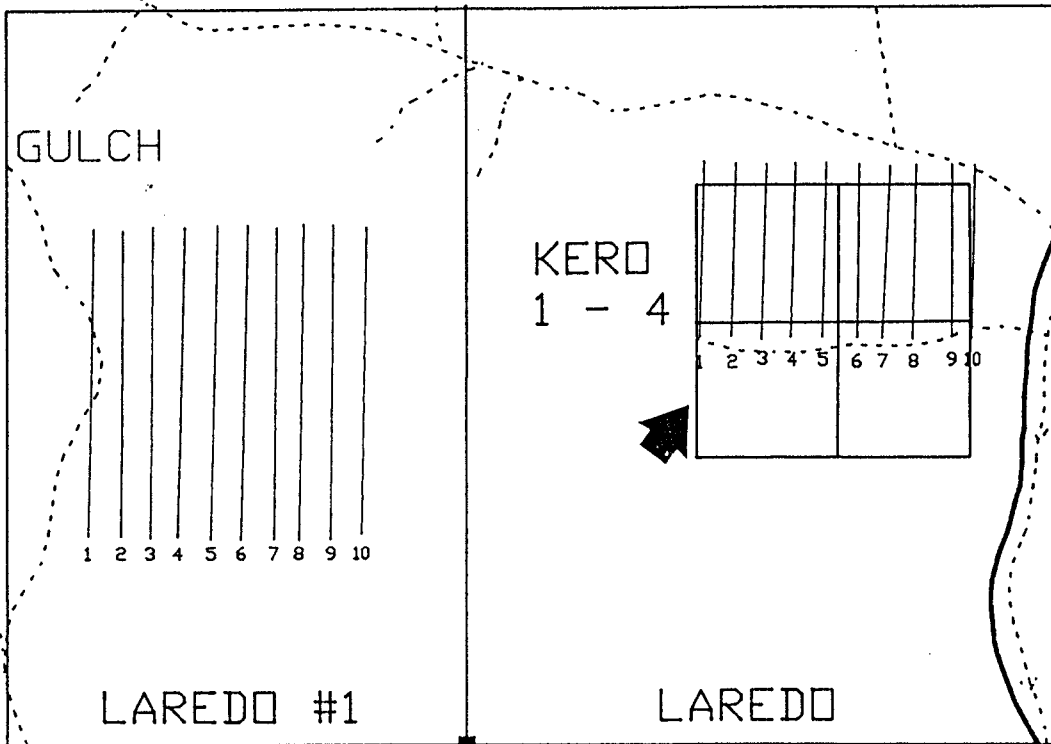
Copper (Fig. 4)

Copper dispersion with background of less than 100 ppm is very high for the area. Anomalous values start at 100 ppm and values of 200 ppm and up are considered significantly anomalous.



S. KEREMEDS CR.

DRY GULCH



LAREDO #1

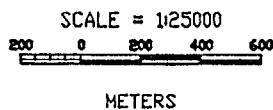
LAREDO

LQAK CR.

LCP

TO KEREMEDS

TO ACCOMPANY REPORT BY:
I. BOROVIĆ, P.ENG.



KERO - LAREDO - PUMA PROJECT	
FOR: GRAND NATIONAL RESOURCES INC.	
BY: IGNA ENGINEERING AND CONSULTING LTD.	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
DSDYDOS M.D., B.C.	
N.T.S. 92E - 5	DATE: MAY 1988
PLOTTED BY: RPM	FIGURE NO. 10

Survey Location Map

The area representing values better than 100 ppm Cu is about 550 m to 900 m wide (north-south direction) and 950 m long (east-west direction) and open to the east, west and partly south. This anomaly indicates possible presence of disseminated copper mineralization in the underlying rocks.

Silver (Fig. 5)

Silver values are relatively low. Anomalous values start at 0.2 ppm and values of 0.5 ppm and higher are considered significantly anomalous. Two significant anomalies are located on Line 300 E ; Station 300 N and Line 700 E; Station 800 N.

Gold (Fig. 6)

Gold shows background of less than 50 ppb. Anomalous values start at 100 ppb with the highest values going to 420 ppb. Dispersion is spotty and highest values are located over or near mineral showings and coincidental with copper anomalies.

Zinc (Fig. 7)

Anomalous values start at 75 ppm and values of 150 ppm and over are considered highly anomalous. Dispersion of zinc is fairly uniform over the surveyed area. An anomaly is located in the northern half of the surveyed area and coincides in part with significant copper anomaly. Another, smaller, anomaly is located in the southeastern part of the surveyed area .

Lead (Fig. 8)

Dispersion of lead is fairly uniform. Values above 10 ppm are considered anomalous. Only a few significant anomalies; greater than 25 ppm; coincidental with copper anomalous areas are found. One is on Line 300 E Station 600 N; Second is on Line 500 E Station 950 N and the third is located on Line 700 E Station 50 N.

CONCLUSIONS AND RECOMMENDATIONS

A large zone of anomalous copper, gold, silver, zinc and lead values has been outlined by geochemical soil survey. The anomalies should be further investigated for possible disseminated sulphides by IP methods.

The continuation of the geochemical survey supplemented by appropriate geophysical methods is strongly recommended.

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STATEMENT OF EXPENSES

The following is a breakdown of expenses incurred in carrying out the exploration work in the area of the Laredo claim during the month of September 1987.

Personnel:

Supervisor; Geological engineer (\$450/day)

Field manager (\$200/day)

Field assistant (\$150/day)

Field and Office Work:

Supervision, engineering, report.....\$ 900.00

Line cutting 8.6 km\$ 1 350.00

Materials\$ 200.00

Soil sampling 8.6 km\$ 900.00

Truck 4x4 (rental, gas, maintenance).....\$ 550.75

Assaying 176 samples. (Acme Anal. Lab.s)...\$ 1672.00

Draughting, printing, enlargements.....\$ 350.00

Word processing.....\$ 100.00

TOTAL EXPENDITURES \$ 6022.75

C E R T I F I C A T E

I, I. Borovic, of the city of Vancouver, B.C., do hereby certify that:

1. I have personally supervised the exploration program carried out in the area of Laredo property of Grand National Resources Inc. located 15 km northwest of Ollala, B.C.
2. The expenditures claimed for the performance of the work are correct

Respectfully submitted



I. Borovic P.Eng.

Vancouver, Jan. 25. 1988.

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158

DATE RECEIVED: SEPT 28 1987

DATA LINE 251-1011 DATE REPORT MAILED:

Oct. 11/87.

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 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 LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-5 SOIL P6-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toyer* DEAN TOYE, CERTIFIED B.C. ASSAYER

GRAND NATIONAL File # 87-4592 Page 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
LAREDO L250E 1000N	75	8	52	.1	5
LAREDO L250E 950N	55	8	68	.1	14
LAREDO L250E 900N	55	14	71	.1	6
LAREDO L250E 850N	75	15	104	.1	5
LAREDO L250E 800N	186	7	80	.1	4
LAREDO L250E 750N	376	11	65	.4	33
LAREDO L250E 700N	23	11	40	.1	1
LAREDO L300E 1000N	65	12	90	.1	1
LAREDO L300E 950N	46	7	103	.1	6
LAREDO L300E 900N	43	14	104	.1	4
LAREDO L300E 850N	119	19	93	.1	1
LAREDO L300E 800N	163	14	90	.1	24
LAREDO L300E 750N	166	15	93	.1	6
LAREDO L300E 700N	211	23	115	.1	11
LAREDO L300E 650N	184	23	137	.1	17
LAREDO L300E 600N	197	34	143	.1	10
LAREDO L300E 550N	210	28	255	.1	31
LAREDO L300E 500N	172	7	52	.4	7
LAREDO L300E 450N	185	9	85	.7	24
LAREDO L300E 400N	677	11	43	.1	10
LAREDO L300E 350N	621	10	32	.4	1
LAREDO L300E 300N	588	13	26	1.3	14
LAREDO L300E 250N	682	20	42	.9	27
LAREDO L300E 200N	181	10	52	.1	4
LAREDO L300E 150N	329	15	78	.1	15
LAREDO L300E 100N	148	21	101	.1	8
LAREDO L300E 50N	141	18	90	.1	5
LAREDO L300E 0N	131	12	93	.3	1
LAREDO L4E 1000N	70	26	130	.2	1
LAREDO L4E 950N	49	17	119	.3	12
LAREDO L4E 900N	54	10	121	.4	3
LAREDO L4E 850N	70	19	141	.1	66
LAREDO L4E 800N	147	14	104	.1	7
LAREDO L4E 750N	121	20	134	.3	1
LAREDO L4E 700N	115	13	149	.5	1
LAREDO L4E 650N	107	24	98	.1	6
STD C/AU-S	59	38	129	7.1	49

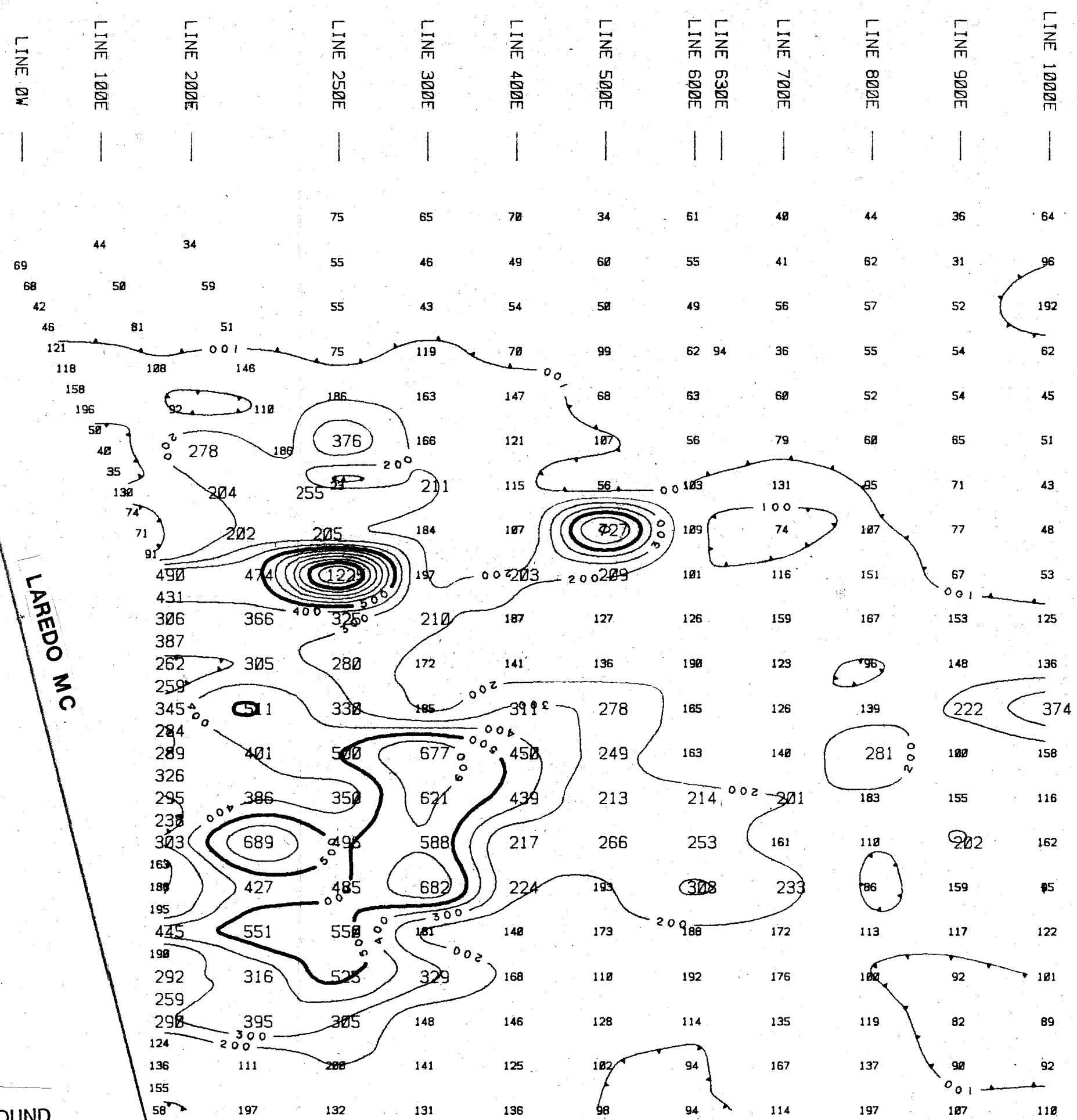
SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
LAREDO L4E 600N	203	15	96	.2	27
LAREDO L4E 550N	187	15	115	.5	9
LAREDO L4E 500N	141	8	113	.1	2
LAREDO L4E 450N	311	20	81	.4	3
LAREDO L4E 400N	450	18	68	.3	7
LAREDO L4E 350N	439	10	53	.3	16
LAREDO L4E 300N	217	12	49	.5	19
LAREDO L4E 250N	224	4	58	.1	8
LAREDO L4E 200N	140	7	82	1.0	124
LAREDO L4E 150N	168	17	78	.1	10
LAREDO L4E 100N	146	10	72	.2	21
LAREDO L4E 50N	125	12	80	.2	1
LAREDO L4E 0N	136	9	72	.1	1
LAREDO L5E 1000N	34	10	158	.2	225
LAREDO L5E 950N	60	27	107	.2	12
LAREDO L5E 900N	50	9	97	.3	2
LAREDO L5E 850N	99	9	92	.1	7
LAREDO L5E 800N	68	14	133	.1	1
LAREDO L5E 750N	107	10	121	.3	5
LAREDO L5E 700N	56	9	81	.2	4
LAREDO L5E 650N	727	10	98	.2	2
LAREDO L5E 600N	209	12	108	.1	420
LAREDO L5E 550N	127	13	109	.1	7
LAREDO L5E 500N	136	9	70	.4	2
LAREDO L5E 450N	278	13	81	.4	4
LAREDO L5E 400N	249	10	65	.3	1
LAREDO L5E 350N	213	7	61	.1	2
LAREDO L5E 300N	266	8	70	.1	1
LAREDO L5E 250N	193	12	67	.1	2
LAREDO L5E 200N	173	9	74	.1	3
LAREDO L5E 150N	110	10	75	.1	1
LAREDO L5E 100N	128	8	73	.1	5
LAREDO L5E 50N	102	5	85	.1	1
LAREDO L5E 0N	98	2	72	.2	1
LAREDO L6E 1000N	61	20	91	.3	50
LAREDO L6E 950N	55	9	84	.1	1
STD C/AU-S	61	39	133	7.3	48

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
LAREDO L6E 900N	49	17	108	.1	16
LAREDO L6E 850N	62	16	136	.1	6
LAREDO L6E 800N	63	10	144	.2	1
LAREDO L6E 750N	56	11	81	.2	1
LAREDO L6E 700N	103	10	86	.1	3
LAREDO L6E 650N	109	10	101	.1	2
LAREDO L6E 600N	101	12	74	.1	1
LAREDO L6E 550N	126	18	82	.1	1
LAREDO L6E 500N	190	11	88	.4	1
LAREDO L6E 450N	165	10	63	.2	1
LAREDO L6E 400N	163	5	53	.2	1
LAREDO L6E 350N	214	6	63	.1	1
LAREDO L6E 300N	253	6	55	.1	98
LAREDO L6E 250N	308	15	66	.5	1
LAREDO L6E 200N	188	11	77	.3	1
LAREDO L6E 150N	192	12	66	.1	1
LAREDO L6E 100N	114	5	90	.2	2
LAREDO L6E 50N	94	11	87	.1	1
LAREDO L6E 0N	94	9	79	.1	1
LAREDO L6+30E 8+50N	94	13	164	.1	5
LAREDO L7E 1000N	40	10	88	.1	1
LAREDO L7E 950N	41	10	86	.1	5
LAREDO L7E 900N	56	6	55	.5	1
LAREDO L7E 850N	36	12	136	.4	1
LAREDO L7E 800N	60	11	151	1.3	1
LAREDO L7E 750N	79	11	91	.2	1
LAREDO L7E 700N	131	7	90	.1	2
LAREDO L7E 650N	74	4	77	.2	64
LAREDO L7E 600N	116	4	101	.1	1
LAREDO L7E 550N	159	20	116	.6	1
LAREDO L7E 500N	123	14	56	.2	5
LAREDO L7E 450N	126	8	70	.1	10
LAREDO L7E 400N	140	10	66	.1	1
LAREDO L7E 350N	201	12	59	.3	1
LAREDO L7E 300N	161	13	42	.3	1
LAREDO L7E 250N	233	12	69	.2	2
STD C/AU-S	61	37	131	7.2	52

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
LAREDO L7E 200N	172	14	104	.1	24
LAREDO L7E 150N	176	14	86	.1	33
LAREDO L7E 100N	135	12	121	.1	112
LAREDO L7E 50N	167	23	98	.3	4
LAREDO L7E 0N	114	10	81	.1	77
LAREDO L8E 1000N	44	13	124	.1	3
LAREDO L8E 950N	62	16	103	.2	24
LAREDO L8E 900N	57	8	75	.1	4
LAREDO L8E 850N	55	11	141	.3	1
LAREDO L8E 800N	52	8	87	.3	1
LAREDO L8E 750N	60	15	135	.1	4
LAREDO L8E 700N	95	10	100	.2	21
LAREDO L8E 650N	107	10	106	.1	9
LAREDO L8E 600N	151	14	108	.1	1
LAREDO L8E 550N	167	18	99	.2	1
LAREDO L8E 500N	96	11	85	.1	5
LAREDO L8E 450N	139	9	71	.1	9
LAREDO L8E 400N	281	21	70	.3	62
LAREDO L8E 350N	183	13	65	.1	6
LAREDO L8E 300N	110	13	85	.1	2
LAREDO L8E 250N	86	6	44	.1	1
LAREDO L8E 200N	113	2	63	.1	4
LAREDO L8E 150N	100	5	77	.2	1
LAREDO L8E 100N	119	8	168	.3	390
LAREDO L8E 50N	137	12	81	.1	5
LAREDO L8E 0N	197	14	79	.2	4
LAREDO L9E 1000N	36	11	171	.2	9
LAREDO L9E 950N	31	13	124	.2	14
LAREDO L9E 900N	52	8	74	.3	4
LAREDO L9E 850N	54	9	102	.3	2
LAREDO L9E 800N	54	14	156	.4	1
LAREDO L9E 750N	65	8	107	.1	1
LAREDO L9E 700N	71	8	80	.1	1
LAREDO L9E 650N	77	16	87	.1	1
LAREDO L9E 600N	67	9	101	.2	1
LAREDO L9E 550N	153	13	76	.3	4
STD C/AU-S	60	40	133	7.5	49

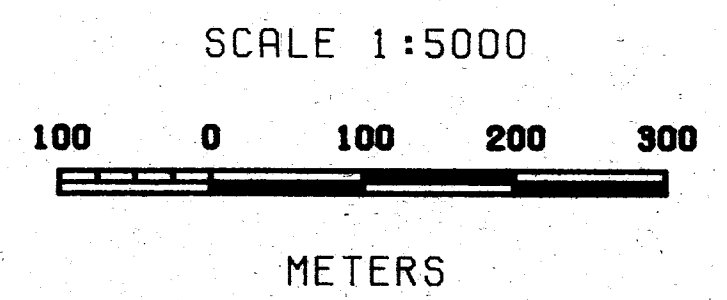
SAMPLE#		CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
LAREDO L9E 500N		148	13	84	.1	3
LAREDO L9E 450N		222	13	44	.1	4
LAREDO L9E 400N		100	8	76	.1	6
LAREDO L9E 350N		155	9	97	.1	5
LAREDO L9E 300N		202	12	81	.1	6
LAREDO L9E 250N		159	4	75	.1	6
LAREDO L9E 200N		117	6	73	.1	10
LAREDO L9E 150N		92	15	77	.1	4
LAREDO L9E 100N		82	6	134	.1	1
LAREDO L9E 50N		90	9	197	.1	1
LAREDO L9E ON		107	10	91	.1	4
LAREDO L10E 1000N		64	11	170	.1	1
LAREDO L10E 950N		96	5	70	.1	1
LAREDO L10E 900N		192	14	65	.6	1
LAREDO L10E 850N		62	13	84	.1	1
LAREDO L10E 800N		45	6	202	.1	1
LAREDO L10E 750N		51	11	92	.1	10
LAREDO L10E 700N		43	10	112	.1	1
LAREDO L10E 650N		48	9	117	.1	1
LAREDO L10E 600N		53	9	116	.1	3
LAREDO L10E 550N		125	8	87	.1	3
LAREDO L10E 500N		136	9	73	.1	1
LAREDO L10E 450N		374	27	87	.6	11
LAREDO L10E 400N		158	13	81	.1	3
LAREDO L10E 350N		116	15	70	.1	5
LAREDO L10E 300N		162	16	68	.2	4
LAREDO L10E 250N		95	5	92	.1	4
LAREDO L10E 200N		122	9	111	.1	1
LAREDO L10E 150N		101	6	81	.1	4
LAREDO L10E 100N		89	15	76	.1	12
LAREDO L10E 50N		92	11	209	.1	1
LAREDO L10E ON		110	18	85	.2	28
STD C/AU-S		61	38	133	7.2	53

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
H 0575	1047	6	28	.6	126
H 0576	68	29	65	.6	1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,945



KERO - LAREDO - PUMA PROJECT	
FOR: GRAND NATIONAL RESOURCES INC.	
BY: IGNA ENGINEERING AND CONSULTING LTD.	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
SOIL GEOCHEMISTRY - COPPER	
OSOY00S M.D., B.C.	
N.T.S. 82E / 5	DATE: OCTOBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 4

BACKGROUND
 — 100ppm ANOMALOUS
 — 200ppm SIGNIFICANTLY ANOMALOUS

TO ACCOMPANY REPORT BY
 I. BOROVIC, P. ENG.

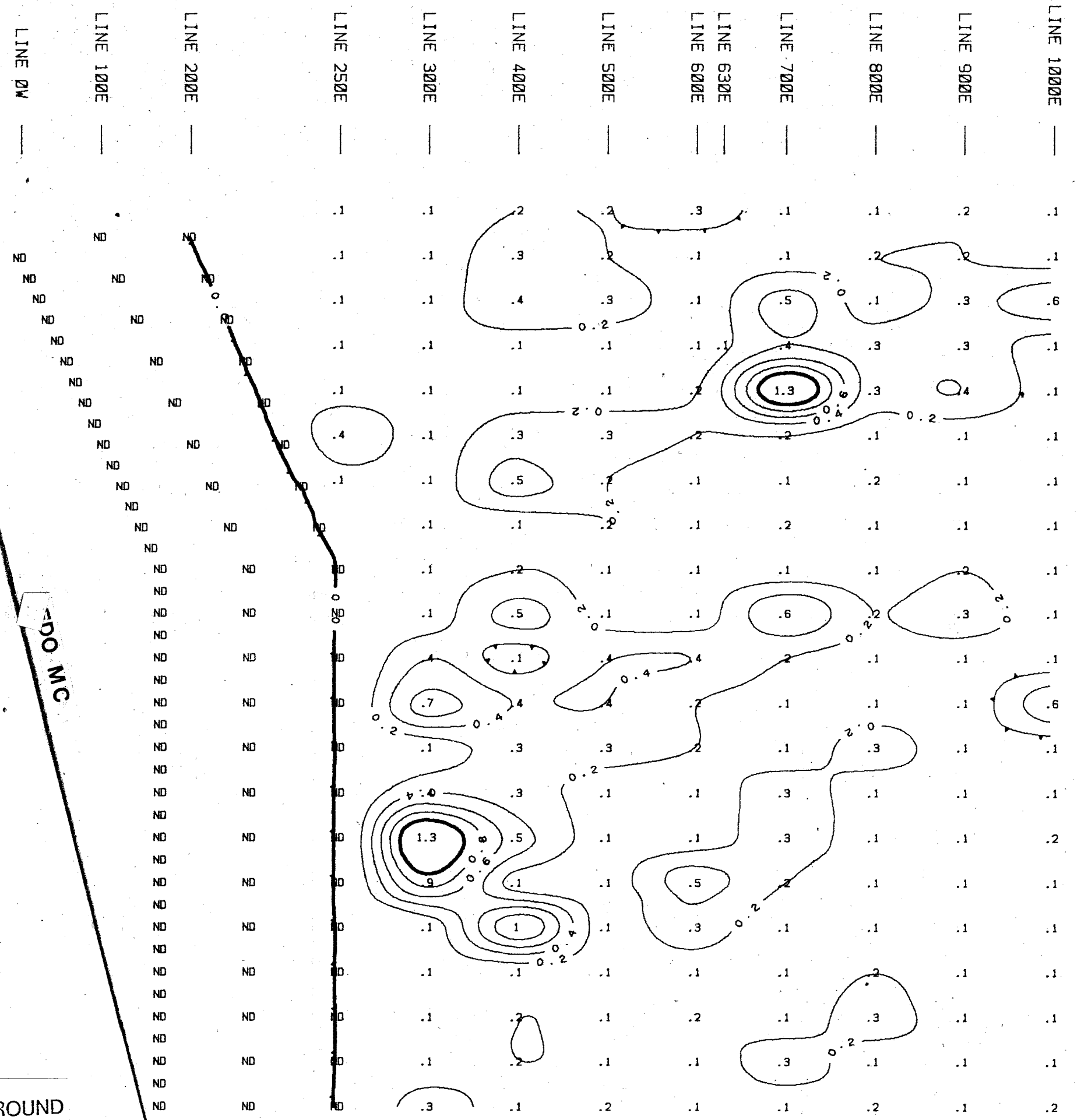
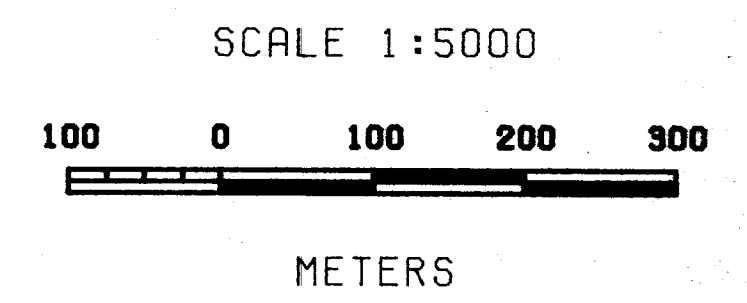
COPPER CONTOUR INTERVAL: 100 PPM



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,945

- STATION 1000N
- STATION 950N
- STATION 900N
- STATION 850N
- STATION 800N
- STATION 750N
- STATION 700N
- STATION 650N
- STATION 600N
- STATION 550N
- STATION 500N
- STATION 450N
- STATION 400N
- STATION 350N
- STATION 300N
- STATION 250N
- STATION 200N
- STATION 150N
- STATION 100N
- STATION 50N
- STATION 0N



TO ACCOMPANY REPORT BY
I. BOROVIC, P. ENG.

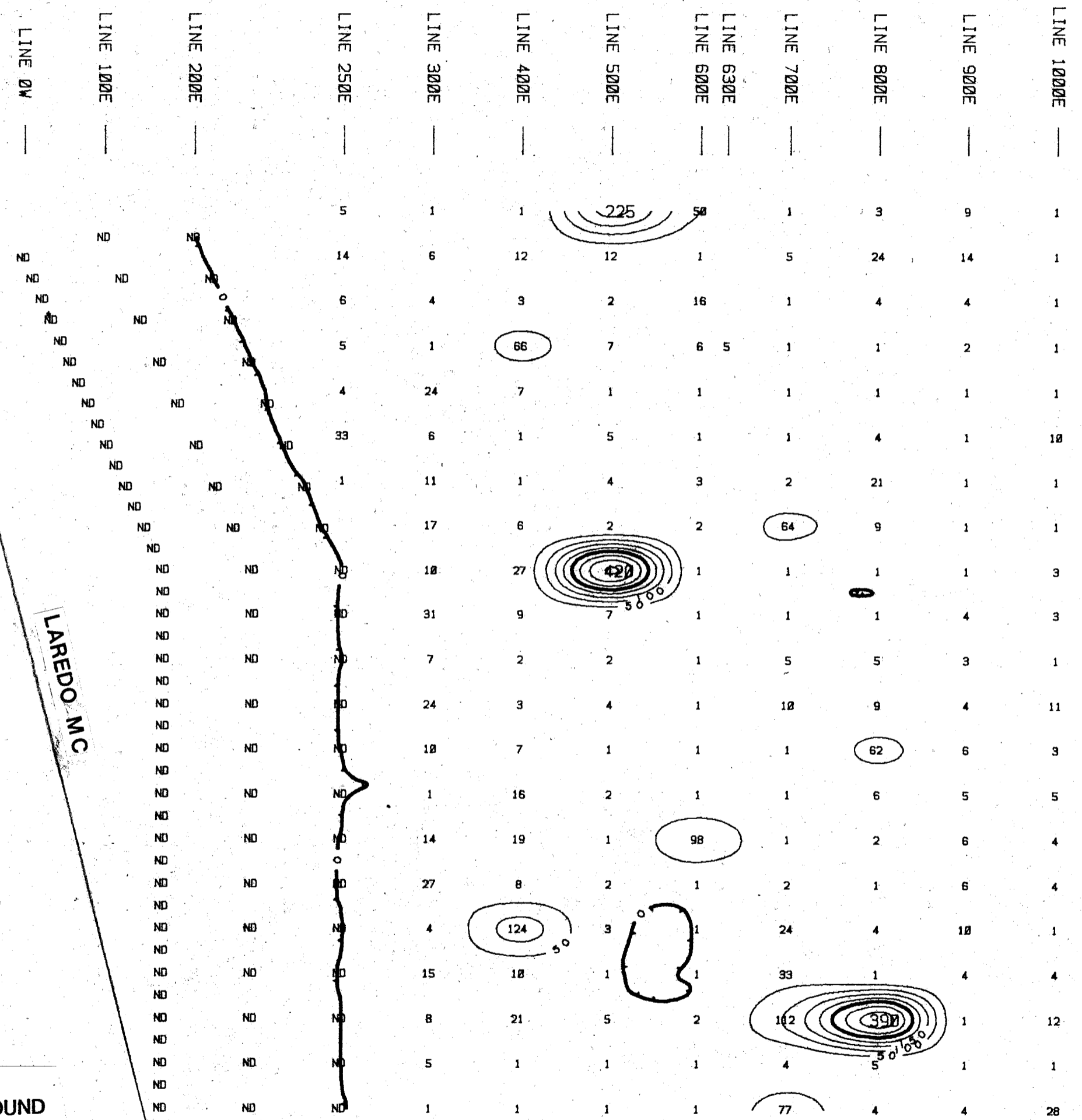
SILVER CONTOUR INTERVAL: 0.2 PPM

KERO - LAREDO - PUMA PROJECT	
FOR: GRAND NATIONAL RESOURCES INC.	
BY: IGNA ENGINEERING AND CONSULTING LTD.	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
SOIL GEOCHEMISTRY - SILVER	
OSOYOOS M.D., B.C.	
N.T.S.: 82E / 5	DATE: OCTOBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 5



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,945

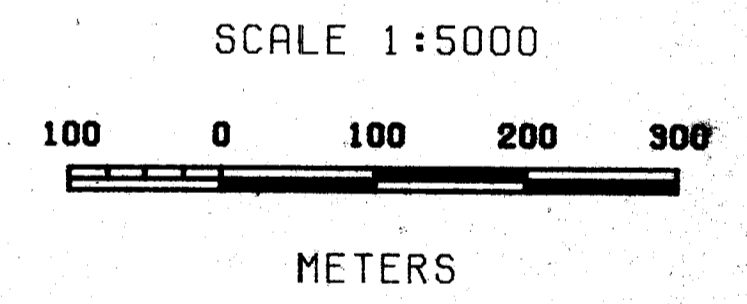


- STATION 1000N
- STATION 950N
- STATION 900N
- STATION 850N
- STATION 800N
- STATION 750N
- STATION 700N
- STATION 650N
- STATION 600N
- STATION 550N
- STATION 500N
- STATION 450N
- STATION 400N
- STATION 350N
- STATION 300N
- STATION 250N
- STATION 200N
- STATION 150N
- STATION 100N
- STATION 50N
- STATION 0N

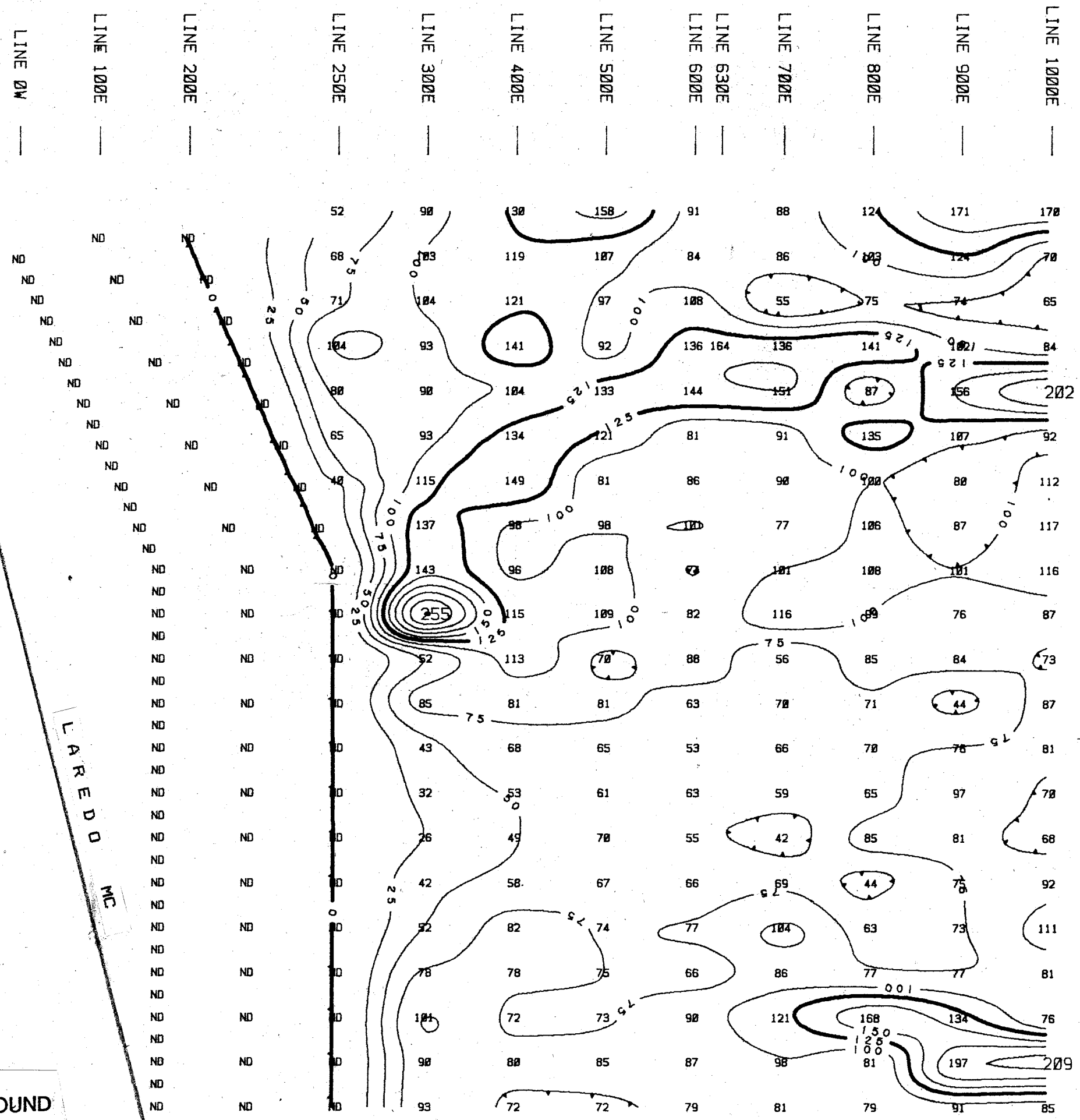
BACKGROUND
 50ppb ANOMALOUS
 100ppb SIGNIFICANTLY ANOMALOUS

TO ACCOMPANY REPORT BY
 I. BOROVIC, P. ENG.

GOLD CONTOUR INTERVAL: 50 PPB



KERO - LAREDO - PUMA PROJECT	
FOR: GRAND NATIONAL RESOURCES INC.	
BY: IGNA ENGINEERING AND CONSULTING LTD.	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
SOIL GEOCHEMISTRY - GOLD	
OSOYOOS M.D., B.C.	
N.T.S.: 02E / 5	DATE: OCTOBER 1987
PLOTTED BY: R.P.N.	FIGURE NO. 6

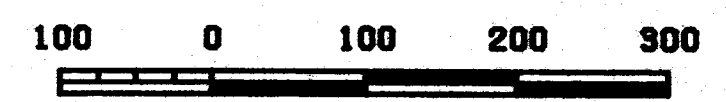


- STATION 1000N
- STATION 950N
- STATION 900N
- STATION 850N
- STATION 800N
- STATION 750N
- STATION 700N
- STATION 650N
- STATION 600N
- STATION 550N
- STATION 500N
- STATION 450N
- STATION 400N
- STATION 350N
- STATION 300N
- STATION 250N
- STATION 200N
- STATION 150N
- STATION 100N
- STATION 50N
- STATION 0N

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,945

SCALE 1:5000



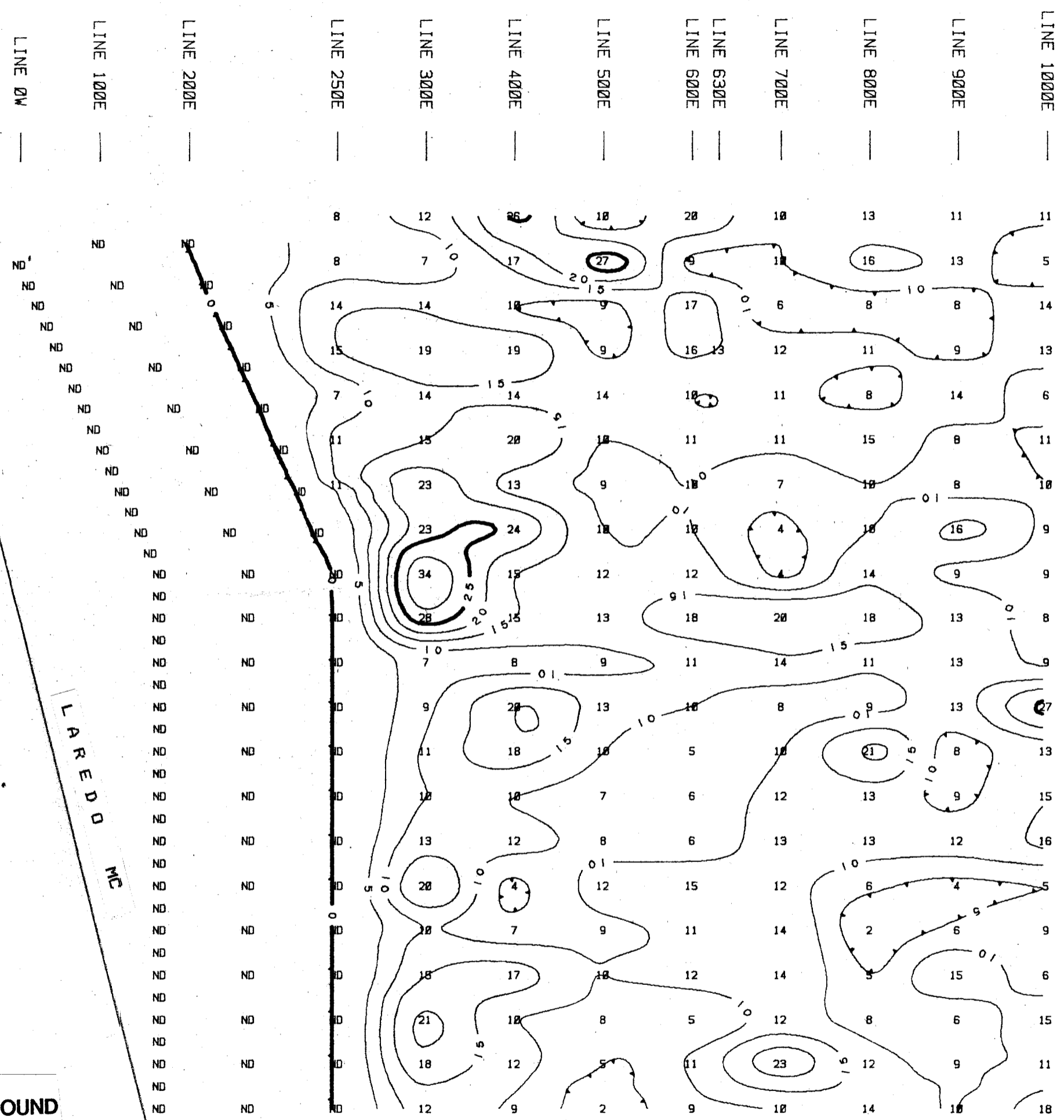
METERS

BACKGROUND
 — 75ppm
 ANOMALOUS
 — 150 ppm
 SIGNIFICANTLY ANOMALOUS

TO ACCOMPANY REPORT BY
 I. BOROVIĆ, P. ENG.

ZINC CONTOUR INTERVAL: 25 PPM

KERO - LAREDO - PUMA PROJECT	
FOR: GRAND NATIONAL RESOURCES INC.	
BY: IGNA ENGINEERING AND CONSULTING LTD.	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
SOIL GEOCHEMISTRY - ZINC	
050Y00S M.D., B.C.	
N.T.S.: 82E / 5	DATE: OCTOBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 7

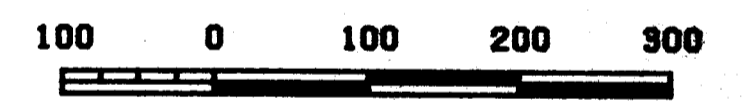


- STATION 1000N
- STATION 950N
- STATION 900N
- STATION 850N
- STATION 800N
- STATION 750N
- STATION 700N
- STATION 650N
- STATION 600N
- STATION 550N
- STATION 500N
- STATION 450N
- STATION 400N
- STATION 350N
- STATION 300N
- STATION 250N
- STATION 200N
- STATION 150N
- STATION 100N
- STATION 50N
- STATION 0N

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,945

SCALE 1:5000



METERS

BACKGROUND
 — 10 ppm ANOMALOUS
 — 25 ppm SIGNIFICANTLY ANOMALOUS

TO ACCOMPANY REPORT BY
 I. BOROVIĆ, P. ENG.

LEAD CONTOUR INTERVAL: 5 PPM

KERO - LAREDO - PUMA PROJECT	
FOR: GRAND NATIONAL RESOURCES INC.	
BY: IGNA ENGINEERING AND CONSULTING LTD.	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
SOIL GEOCHEMISTRY - LEAD	
OSOYOOB M.D., B.C.	
N.T.S.: 82E / 5	DATE: OCTOBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 8