

GEOCHEMICAL REPORT

on '80-#271-#8050

VERNA GROUP

Slocan M.D.

N.T.S. 82F/15W

Lat. 49°47', Long. 116°55'

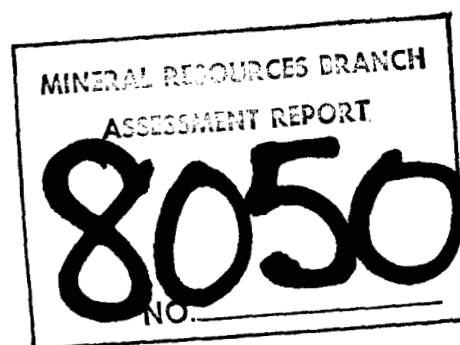
Owners: Cascadia Resources Ltd.
J. Hale

Operator: Cascadia Resources Ltd.

Consultant: Cochrane Consultants Ltd.

Author: M.K. Lorimer, P.Eng.

Date submitted: 20 June, 1980



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15 Jun 80

INTRODUCTION

Location:

The Verna Group is located about 5 kilometres (3 $\frac{1}{2}$ miles) north of Ainsworth, a settlement on the west shore of Kootenay Lake. It lies on either side of Woodbury Creek with the southeastern claims covering the shoreline of the lake. Fig. 1.

The paved highway from Nelson to Kaslo traverses the property. Logging and mining roads, whose conditions vary from poor to good, give ready access to most of the claims.

Nelson, a good centre for supplies, labour and services, is about 45 kilometres (28 miles) away by paved road.

The claims are wooded, chiefly with scub timber and underbrush of no merchantable value.

The relief is variable. In the vicinity of Woodbury Creek the ground is steep to precipitous but, to the north and northeast, the surface flattens out and can be considered of moderate relief.

The main watercourse is Woodbury Creek which flows southeasterly through the central and southern parts of the property. Lendrum Creek, an easterly-flowing stream, joins Woodbury Creek near the southern boundary of the group.

The geographic location is 49°47'N, 116°55'W, the National Topographic System map area is 82F/15W, and the Mining Division is Slocan. Elevations range from 540 metres (1750 feet) at the lake to 860 metres (2800 feet) near the north boundary. Fig. 1.

Property:

The Verna Group consists of 15 contiguous claims and units as tabulated below:

CLAIM	Record No.	Claims or Units	Expiry Date	Owner
VERNA	28	6	20 May 80	Cascadia Resources Ltd.
DOROTHY 1	287	1	5 Nov 87	" " "
DOROTHY 2	288	1	5 Nov 87	" " "
DOROTHY 3	289	2	5 Nov 87	" " "
DD FRACTIN	280	1	4 Oct 82	" " "
ALVA	559	1	29 Dec 80	J. Hale
ALMA & EVA	560	2	29 Dec 80	"
DIXIE LU	562	1	29 Dec 81	Cascadia Resources Ltd.

It is understood that the Alva and the Alma & Eva claims are held by Cascadia Resources Ltd. under an option agreement.

Application has been made for three years' assessment credit on the Verna claim to extend the expiry date to 20 May 83.

The locations of the claims are shown on Fig. 2.

History:

The Verna Group lies in an old mining area known as the Ainsworth Camp. Because of its proximity to Kootenay Lake, an important transportation route since the mid 1800s, this camp was prospected and exploited with much success in the last two decades of the century and has been an intermittent producer of silver, lead and zinc ever since. More than 50 properties have been in production to date. Although most of them shipped sorted ore, a number of mills with attendant facilities were built to produce concentrates.

The only known producer on the Verna was the Vigilant located on the east bank of Woodbury Creek. Fig. 2. Production started in 1949 and ended in 1953 when the known shoot was worked out. In this period, production and recoveries were:

Tons	Gold (oz)	Silver (oz)	Lead (lb)	Zinc (lb)	Cadmium (lb)
5163	2	13,615	841,441	369,174	704
Average grade	-	2.64 oz/ton	8.2%	3.6%	0.01%

At least five other short adits were driven on narrow mineralized veins in widely separated areas, and numerous pits and trenches were dug by early operators.

The present operators acquired the first of the claims in 1976. After trenching and stripping on a mineralized shear zone some 1000 feet north of the Vigilant Mine, six diamond drill holes totalling 1454 feet were drilled in 1977. They indicated the existence of two narrow mineralized veins, almost vertical and about 30 feet apart, averaging nearly six percent in combined lead and zinc, and about half an ounce per ton in silver. Core intersections ranged from one to ten feet with the average being 3.3 feet.

Late in 1978, a 100-metre by 25-metre grid was laid out over the eastern half of the group. The onset of winter prevented a planned geochemical survey but a few traverses were run across known mineralized zones to obtain geochemical orientation information.

In the following year, a geochemical survey was made of the gridded area. The soil samples were assayed for lead, zinc, silver, cadmium and mercury. About a quarter of them were also run for copper. Several small anomalous areas were delineated.

Geology:

The Verna lies in a great arc of sedimentary, volcanic and metamorphic rocks that extends from Revelstoke to beyond the International Boundary. These rocks are mainly mica and hornblende schists, limestones, marbles and quartzites with a northerly foliation and moderate dips to the west. Numerous faults, some many miles in length, run parallel to the foliation. These rocks have been intruded by granitic dykes and sills, and by the Nelson batholith, a large granitic mass that lies to the west.

This region is host to a large number of metallic mineral deposits, chiefly of lead and zinc with attendant silver, but also of copper, tungsten and gold. The deposits range from narrow, uneconomic veins to large bodies that have supported major mining operations.

In the Kinsworth Camp the metals of chief economic interest are lead, zinc and silver. They occur mainly in fissure veins of quartz and calcite, and as disseminations in calcareous schists. Across Kootenay Lake, at the Bluebell Mine, the lead-zinc deposits are massive replacements in limestone. Despite almost identical geologic con-

ditions, no large deposits of this type have been discovered in the Ainsworth Camp.

The Verna exhibits most of the rocks typical of the region. The eastern half is underlain by calcareous mica schist. Through the centre runs a north-trending band of garnet mica schist. It is flanked on the west by a body of calcareous hornblende gneiss whose western and northwestern limits are obscured by overburden that covers much of the western part of the property. Several bands of hornblende schist with intervening bands of micaceous quartzite, mica schist and calcareous hornblende gneiss have been mapped in the northwestern corner. A lamprophyre dyke is reported to lie in the northern part of the property.

Two of the major faults traverse the Verna in a northerly direction. The Josephine cuts across the extreme northwestern corner; the Lakeshore lies along the contact between the garnet mica schist and the calcareous hornblende gneiss in the southwestern section.

The metallic mineralization as exhibited in several adits, trenches, pits and drill holes, occurs in steeply dipping quartz-calcite veins that strike easterly. The best-known vein, the Vigilant, has been traced intermittently for upwards of a thousand feet to the east and vertically for about two hundred and fifty feet. Galena, sphalerite, pyrite and pyrrhotite are prominent as veins and veinlets that pinch and swell in the quartz-calcite gangue. Where conditions are favourable, the sulphides are often found in the adjacent wall rocks as disseminations or replacements in calcareous rocks. Chalcopyrite is often visible in hand specimens, and assays show important values in silver with traces of gold, cadmium and mercury.

1979 Programme:

In the summer and early fall of 1979, a geochemical survey was carried out over the half of the Verna Group lying east of Woodbury Creek. The survey covered all or part of the Dorothy 1, 2 and 3, the Verna, the Dixie Lu and the Alma and Eva.

A grid laid out by compass and tape the previous year was used for the survey. A base line ran at a bearing

of 335° from a point on the access road near the southern boundary of the Dixie Lu claim. Cross lines were marked by flagging normal to the base line at intervals of 100 metres. Along the lines, sample stations were marked every 25 metres. 14.95 kilometres of line were laid out.

629 samples were taken, mainly from the C zone at depths varying from 10 to 20 centimetres, the average being about 15 centimetres. No bedrock samples were cut but many samples from the high ground on the Dorothy l contained sand, pebbles or bits of rock float.

490 of the samples were sent to Min-En Laboratories Ltd. of North Vancouver for lead, zinc, silver, cadmium and mercury analysis. The remaining 129 samples, taken from lines 12N, 13N and 14N from the base line to station 10E, and from lines 4N to 10N between the base line and Woodbury Creek, were sent to Bondar-Clegg and Company Ltd. of North Vancouver for lead, zinc, silver and copper analysis.

In the laboratories, each sample was dried and screened through 80-mesh screens. Samples of the screened material were leached by aqua regia and the metal contents determined by atomic absorption. The results were expressed as parts per million (ppm) for lead, zinc, silver, cadmium and copper, and as parts per billion (ppb) for mercury.

The work was done in the period 1 Jun - 31 Jul 79.

The crew was under the direction of Cochrane Consultants Ltd. and supervised by C. Gould. The helpers, according to Company records, included P. Lonovich, J. Lynch, G. McCuaig and D. Lynch.

A cost summary is given as Appendix A.

RESULTS

Copies of the Certificates of Assay are attached as Appendix B and the values are plotted on Figs. 3 to 6.

Lead: A value-frequency plot of the lead assays shows that 78 percent of the values were 50 ppm or less, with 70 percent being in the range 20 to 50 ppm. These results are plotted on Fig. 3 with contouring starting at 50 ppm and having an interval of 50 ppm.

Zinc: A similar plot of zinc assays shows 84 percent of the values at 300 ppm or less with 72 percent in the range 100 to 250 ppm. The plotted values on Fig. 4 are contoured at 100 ppm intervals starting at 300 ppm.

Silver: 84 percent of the silver values are 1.3 ppm or less, with 72 percent being in the 0.7 to 1.3 ppm range. On Fig. 5, the silver assays are contoured at 0.1 ppm intervals commencing at 1.4 ppm.

Mercury: The mercury values are remarkably consistent with 98 percent of them being 100 ppb or less, and 82 percent in the range 10 - 60 ppb. They are plotted as the upper figures on Fig. 6. Values of 100 ppb or above are ringed.

Cadmium: The cadmium readings are also consistent, 90 percent of them being in the range 0.1 to 0.4 ppm. They are plotted on Fig. 6, below the mercury values, with 0.8 ppm or higher being ringed.

Copper: The copper assays are confined to comparatively small areas of the surveyed ground. 89 percent of them are less than 60 ppm. On Fig. 6, the copper values are shown as single readings with contouring starting at 50 ppm and an interval of 10 ppm.

The plotted results do not show any anomalies that could be considered both strong and large. The high readings tend to be isolated erratics, and the large anomalous areas tend to be comparatively low in value. The form of the grid, where there are four times as many readings easterly as there are northerly, and the wide line spacing, results in distorted anomaly outlines and a scarcity of readings in one direction. A clearer picture could be obtained by detailing certain areas.

As might be expected, several of these areas are near the creek and road where down-slope migration can be expected to produce concentrations and where old workings and other surface disturbances would bring to the surface minerals that would otherwise lie too deep for normal soil sampling.

One area of interest is revealed on the lead assay plan (Fig. 3) and supported by zinc and copper concentrations that are stronger than what appears to be background for the property. This area is in the north-

central portion and extends northeasterly between lines 13N and 15N. It is on high ground where migration is minimal and there has been no noticeable ground disturbance. It may be significant that this area coincides with a "high" on Aeromagnetic Map 8478G.

Another anomalous area lies just east of the base line between lines 11N and 13N. In part, at least, this one is probably due to road-building and to migration from the area discussed above.

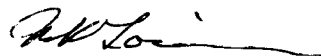
There is good coincidence between lead and zinc anomalies, and fair coincidence between lead and silver. It is unfortunate that there are no silver values for lines 12N, 13N and 14N, an area that seems to be of interest. Too few copper values are available to indicate general trends but there is lead-copper coincidence between lines 13N and 14N. The cadmium and mercury readings reveal little of interest.

CONCLUSIONS

A weak but extensive anomalous area lies in the northern quarter of the surveyed area. This area should be regarded as a target for future exploration.

The anomalies in the base line - Woodbury Creek area are generally in areas of known mineralization.

The property merits further exploration, preferably by an electromagnetic survey with emphasis on the anomalous areas described above.



M.K. Lorimer, P.Eng.
15 Jun 80

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- Files, J.T., B.C. Department of Mines and Petroleum Resources, Geology of the Ainsworth-Kaslo Area, 1967
- Meyer, W., P.Eng., Progress Report on the Verna Claim, Assessment Report No. 6582, 1977
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- Cochrane, D.R., P.Eng., Summary Report on the Verna-Dorothy, Private Report, 1979
- B.C. Dept Mines and G.S.C., Aeromagnetic Map 8478G

CERTIFICATE OF QUALIFICATIONS

I, MALCOLM KEITH LORIMER, of the City of Vancouver, B.C.,
Mining Engineer, hereby certify:

1. THAT I am a practising Mining Engineer and reside at
3082 West 27th Avenue, Vancouver, B.C.
2. THAT I am a graduate of the University of British
Columbia and hold a Bachelor of Applied Science degree
in Mining Engineering granted in 1950.
3. THAT I have been practising my profession for over
twenty-nine years.
4. THAT I am a member of the Association of Professional
Engineers of the Province of British Columbia.
5. THAT the following is a true record of my employment
and experience:
 - 1950-52 General engineering, Consolidated Mining and
Smelting Company of Canada Limited, Kimberley, B.C.
 - 1952-56 Chief Engineer, Pioneer Gold Mines of B.C. Ltd.,
Pioneer Mines, B.C.
 - 1956-57 Chief Engineer, Buchans Mining Co. Ltd., Buchans,
Nfld.
 - 1957-59 Chief Engineer and Mine Superintendent, Cowichan
Copper Company Ltd., Lake Cowichan, B.C.
 - 1959-65 General exploration work for various companies,
mostly in southern British Columbia.
 - 1965-75 Associate, H.L. Hill and Associates Ltd., later
L.J. Manning and Associates Ltd., Consulting
Mining and Geological Engineers, Vancouver, B.C.
 - 1975-Present Independent Mining Consultant.
6. THAT I have no direct or indirect interest in the properties
or securities of Cascadia Resources Ltd.
nor do I expect to acquire any.

DATED at Vancouver, British Columbia, this 20th day of June, 1980


M.K. Lorimer, B.A. Sc., P.Eng.

APPENDIX ACOST SUMMARY

(Based on Company Records)

Field: C. Gould	26.6 days @ \$75/day	\$1620.00
P. Leonovich	11.8 " @ \$50/day	590.00
J Lynch	11.8 " "	590.00
G. McCuaig	1.5 " "	75.00
D. Lynch	1.5 " "	75.00
		<hr/>
		2950.00
Transportation		2174.82
Room and Board		1274.95
Line cutting		1000.00
Assaying		5255.20
Engineering and Supervision		3483.05
Report - plotting, contouring, interpretation and writing, 3 days @ \$250/day		750.00
		<hr/>
	TOTAL	\$16,888.02

PROJECT No.: Job #7070

MIN - EN Laboratories Ltd.

DATE: **July 12**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T7
PHONE (604) 980-5814

1979.

ATTENTION:

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cd* ppm	75	80
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
BLON			5.8	27.0			0.8		2.0				0.3		
BL.25N			5.9	16.6			0.7		7.8				0.2		
.5N			3.0	16.4			0.9		3.5				0.1		
.75N			3.4	23.0			1.0		5.9				0.1		
1.0N			1.8	13.0			0.9		5.4				0.1		
1.25N			3.6	15.0			1.2		3.5				0.2		
1.50N			3.9	15.8			1.3		4.8				0.2		
1.75N			12.4	60.0			1.5		3.5				0.7		
2.0N			10.5	10.40			1.2		2.1				0.8		
2.25N			4.2	45.0			1.3		6.0				0.5		
2.50N			4.5	53.0			1.4		8.0				1.2		
2.75N			3.9	27.0			1.1		3.5				0.1		
3.0N			3.5	12.5			1.3		5.4				0.1		
3.25N			4.0	13.3			1.5		5.9				0.2		
3.5N			3.4	17.4			1.5		4.8				0.1		
3.75N			18.4	59.5			0.9		5.4				1.4		
4.0N			3.4	13.0			1.3		6.0				0.1		
4.25N			5.6	12.7			1.3		4.8				0.1		
4.5N			2.9	13.6			1.4		5.6				0.2		
4.75N			4.1	13.2			1.5		6.5				0.1		
5.0N			4.3	12.4			1.6		2.0				0.3		
5.25N			3.7	11.8			1.6		8.0				0.1		
5.5N			3.9	11.3			1.7		7.6				0.1		
5.75N			5.0	29.0			1.8		5.9				0.4		
BL6.0N		5.7	5.7	17.6			1.2		8.2				0.4		
6.25BLOE			2.4	6.8			1.4		4.8				0.1		
6.75BL			1.77	22.0			1.5		2.6				0.1		
7.0BLOE			8.1	43.0			1.2		6.7				0.2		
BL7.25N			3.6	26.0			1.2		2.6				0.2		
BL7.5N			6.3	37.0			1.5		4.8				0.1		

*Background correction for Cd.

APPENDIX B

PROJECT No.: **Job #7070**

MIN - EN Laboratories Ltd.

DATE: **July 1 1979.**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	*Cd ppm
BL7.75N		2.8	14.0			1.1		1.8				0.1
8.0N		3.0	24.0			1.0		6.0				0.1
8.25N		5.1	17.4			1.3		5.6				0.2
8.5N		3.9	18.4			1.2		3.5				0.3
8.75N		2.7	13.4			1.0		6.5				0.3
9.0N		2.5	11.7			1.2		6.5				0.2
9.25N		3.0	11.2			0.9		3.5				0.1
9.5N		2.7	11.7			1.1		5.6				0.2
9.75N		4.4	27.0			1.1		5.8				0.3
10N		3.2	25.0			1.3		6.7				0.2
10.0N		3.7	29.0			1.2		6.2				0.8
10.25N		5.3	17.6			1.3		5.8				0.2
10.5N		2.6	12.0			0.7		5.8				0.6
10.75N		2.4	27.0			0.9		5.6				0.5
11.0N		6.0	4.0			1.6		5.6				1.3
11.25N		11.6	7.0			2.6		11.8				3.4
11.5N		3.2	23.0			1.2		5.9				0.6
11.75N		2.9	11.4			0.7		4.6				0.1
12.0N		1.7	8.4			0.6		2.0				0.1
12.25N		3.1	9.7			0.7		5.0				0.1
12.5N		2.3	10.2			1.3		8.2				0.1
12.75N		6.3	16.6			1.6		5.6				0.4
13.0N		7.1	9.0			0.6		5.4				0.2
13.25N		2.0	6.2			0.8		2.0				0.2
13.5N	2.4	2.2	10.2			0.8		5.4				0.2
13.75N		2.6	12.4			1.1		8.0				0.1
14.0N		1.5	5.6			0.7		2.0				0.1
14.25N		2.8	10.5			1.2		10.0				3.8
14.5N		5.0	9.6			1.1		4.8				0.4
BL14.75N		2.0	12.5			1.6		22.0				0.1

*Background correction for Cd.

Handwritten signature/initials

PROJECT No.: Job #7070

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 12 1979.

ATTENTION:

Sample Number	Co ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cd ppm		
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
4N4.0EB			30	150			11		35				0.1		
4.25EA			49	167			16		37				0.1		
4.25EB			31	154			09		35				0.1		
4.5E			125	410			11		40				0.1		
4.75E			53	250			11		58				0.1		
5.0EA			27	169			07		24				0.1		
5.0EB			56	210			09		75				0.1		
5.5E			32	215			10		52				0.1		
5.75E			38	169			09		45				0.1		
6.0E			19	76			06		35				0.1		
6.25E#1			17	124			04		30				0.1		
6.25E#2			23	174			11		35				0.1		
6.50E			27	167			11		24				0.1		
6.75E			27	205			09		60				0.1		
7.0E			31	183			10		21				0.1		
7.25E			29	380			07		45				0.1		
7.5E			28	124			12		52				0.1		
7.75E			52	164			12		80				0.2		
4N8.0E			36	260			14		47				0.1		
10N.25E			53	300			15		55				0.1		
1.050E			111	240			11		60				0.1		
.75E			40	153			11		35				0.1		
1.0E			48	174			15		37				0.1		
1.25E			57	215			13		53				0.1		
1.50E	57		38	138			11		77				0.1		
1.75E			39	178			11		27				0.1		
2.0E			89	480			10		40				0.1		
2.25E			37	220			12		55				0.1		
2.50E			38	135			15		57				0.1		
10N2.75E			36	139			12		60				0.1		

*Background correction for Cd.

[Handwritten signature]

PROJECT No.: Job #7070

MIN - EN Laboratories Ltd.

DATE: July 11, 1979.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

Sample Number	Mo	Cu	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au	Cd		
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppm		
5N1.0E			44	133			13		40				0.1		
1.25E			42	100			09		21				0.1		
1.50E			39	109			13		35				0.1		
1.75E			41	215			10		21				0.1		
2.0E			53	225			13		24				0.5		
2.25E			54	176			11		24				0.1		
2.50EA			120	340			13		45				0.2		
2.50EB			51	141			11		25				0.1		
2.75E			122	515			12		22				0.4		
3.0E			40	340			08		21				0.3		
3.25E			41	240			13		25				0.4		
3.50E			47	171			12		21				0.2		
3.75E			39	162			09		25				0.1		
4.0E			39	440			09		34				0.4		
5.0E			37	126			11		12				0.1		
5.25EA			23	125			12		18				0.1		
5.25EB			39	75			15		12				0.1		
5.75A			40	151			15		21				0.1		
5.75B			32	132			10		12				0.1		
6.0E			35	187			08		12				0.1		
6.25E			23	120			09		32				0.1		
6.50E			82	2850			15		94				3.7		
6.75E			29	188			10		26				0.3		
7.0E			27	169			10		30				0.1		
7.25E		79	75	215			12		24				1.0		
7.50E			41	220			10		22				0.1		
7.75E			47	300			09		22				0.1		
8.0E			44	250			11		29				0.3		
8.25E			27	250			11		24				0.1		
5N8.50E			25	450			09		29				0.1		

*Background correction for Cd.

[Handwritten signatures and notes]

ATTENTION:

Sample Number	% Zn	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cd ppm			
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
6.00E			43	156			08		20				0.2			
5.0E			43	186			11		60				0.2			
7.5E			57	225			11		140				0.3			
1.00E			42	184			12		58				0.1			
1.00E			57	545			13		22				0.7			
1.25E			44	142			11		20				0.1			
1.50E			38	141			13		80				0.1			
1.75E			37	136			11		58				0.1			
2.0E			47	149			11		80				0.1			
2.25E			46	520			06		56				0.3			
2.5E			43	310			09		250				0.1			
2.5E			42	900			09		54				0.7			
2.75E			40	139			08		24				0.1			
3.0E			52	169			10		78				0.1			
3.25E			35	270			08		68				0.3			
3.5E			43	220			10		24				0.1			
3.75E			33	159			09		58				0.1			
4E			31	118			07		25				0.1			
4.25E			82	117			09		20				0.1			
4.50E			28	155			07		22				0.1			
4.75E			33	165			09		80				0.1			
5E			28	215			10		45				0.1			
5.25E			30	148			11		22				0.1			
5.5E			34	148			11		21				0.1			
5.75E		46	36	138			12		12				0.1			
6E			31	130			10		22				0.1			
6.25E			36	145			10		10				0.1			
6.5E			34	182			07		12				0.1			
6.75E			23	151			08		22				0.1			
6.75E			55	178			10		24				0.3			

*Background correction for Cd.

[Handwritten signature and notes]

PROJECT No.: **Job #7070**

MIN - EN Laboratories Ltd.

DATE: **July 12**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1979.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	* Cd	70	75
Sample Number	Zn ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	ppm		
81 86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
6N7.25E			4.4	2.20			1.5		1.0				0.1		
7.5E			5.5	3.70			1.5		2.0				0.5		
7.75E			9.3	3.05			1.6		3.5				0.5		
8.00E			4.7	2.45			1.3		3.5				0.1		
8.25E			7.1	3.10			1.4		2.4				0.3		
8.5E			6.3	5.80			1.3		4.8				0.6		
8.75E			4.1	2.40			1.1		3.5				0.3		
9.00E			2.7	1.90			1.2		3.3				0.2		
9.25E			3.4	2.30			1.3		1.2				0.3		
6N9.5E			3.3	6.80			1.1		5.4				0.5		
7N.25E			1.69	3.65			1.6		3.5				0.6		
.5E			7.1	5.30			1.2		2.0				0.7		
.75E			1.33	4.00			1.5		3.6				0.5		
1.0E			5.6	2.70			1.3		3.5				0.2		
1.25E			4.3	3.40			1.1		2.2				0.3		
1.5E			4.4	2.50			1.2		3.8				0.3		
1.75E			4.7	2.70			1.3		7.8				0.4		
2.0E			4.6	1.68			1.5		2.0				0.3		
2.25E			4.9	1.48			1.4		2.4				0.4		
2.5E			4.8	1.55			1.3		5.6				0.1		
2.75E			4.8	3.65			1.1		2.4				0.2		
3.0E			4.2	1.42			1.5		2.0				0.1		
3.25E			3.3	1.43			1.1		2.6				0.1		
3.5E			4.7	1.84			1.3		5.7				0.1		
3.75E		1.09	4.0	1.71			1.4		5.6				0.1		
4.0E			3.7	1.06			1.3		5.4				0.1		
4.25E			6.6	2.45			1.6		5.4				0.6		
4.5E			3.8	1.67			1.3		3.5				0.1		
4.75E			4.5	1.45			1.3		6.2				0.2		
7N5.0E			5.0	1.47			1.4		6.0				0.2		

*Background correction for Cd.

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PROJECT No.: Job #7070

MIN-EN Laboratories Ltd.

DATE: July 1 1979.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

Sample Number	Ni ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	*Cd ppm		
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
7N.5.25E			37	109			10		20				0.1		
5.5E			48	139			11		35				0.1		
5.75E			29	315			10		20				0.4		
6.0E			34	189			11		20				0.1		
6.25E			57	126			12		24				0.1		
6.5E			54	167			14		9				0.1		
6.75E			68	320			11		24				0.2		
7.0E			30	153			10		59				0.2		
7.25E			40	158			10		22				0.1		
7.5E			33	162			11		11				0.1		
7.75E			43	165			12		20				0.3		
8.0E			46	220			12		9				0.1		
8.25E			40	245			09		11				0.1		
8.50E			42	260			11		22				0.4		
8.75E			45	350			10		24				0.3		
9.0E			45	305			09		24				0.2		
9.25E			27	134			09		19				0.4		
9.5E			39	135			13		18				0.1		
9.75E			33	285			09		20				0.1		
10.0E			37	245			11		9				0.2		
7N10.25E			64	250			12		22				0.3		
15N.25E			24	126			07		20				0.1		
.5E			52	132			11		78				0.1		
.75E			24	179			07		9				0.1		
1E		25	19	103			06		11				0.1		
1.25E			25	149			09		9				0.1		
1.5E			31	220			07		20				0.1		
1.75E			26	148			07		19				0.1		
2.0E			28	183			09		19				0.1		
15N2.25E			28	163			08		22				0.1		

*Background correction for Cd.

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PROJECT No.: **Job #7070**

MIN - EN Laboratories Ltd.

DATE: **July 12**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

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ATTENTION:

Sample Number	As ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cd * ppm		
6 81	10 90	15 95	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	70 150	75 155	80 160
5N8.75E			40	225			11		2				0.1		
8N.25E			43	146			10		45				0.1		
.50E			43	164			10		21				0.1		
.75E			47	151			10		22				0.1		
1.0E			38	180			11		47				0.1		
1.25E			94	250			09		22				0.1		
1.50E			50	182			08		22				0.1		
1.75E			28	250			07		24				0.1		
2.0E			67	290			09		29				0.1		
2.25E			118	500			12		51				0.4		
2.50E			25	241			10		29				0.1		
2.75E			42	182			10		14				0.1		
3.0E			43	220			10		65				0.1		
3.25E			36	260			10		22				0.1		
3.50E			33	140			09		24				0.2		
3.75E			47	160			11		21				0.1		
4.0E			44	310			11		25				0.1		
4.25E			46	132			14		50				0.1		
4.50E			34	136			10		54				0.1		
4.75E			41	225			08		61				0.1		
5.0E			30	140			07		25				0.1		
5.25E			36	136			08		40				0.1		
5.5E			36	195			10		45				0.1		
5.75E			40	146			09		24				0.1		
6.0E		57	42	165			08		21				0.1		
6.25E			31	240			06		24				0.1		
6.50E			40	245			08		38				0.2		
6.75E			117	500			11		71				0.3		
7.0E			66	230			10		29				0.1		
8N7.25E			39	177			08		21				0.1		

*Background correction for Cd.

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PROJECT No.: Job #7070

MIN - EN Laboratories Ltd.

DATE: July 12

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
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1979.

ATTENTION:

Sample Number	6 86	10 90	15 95	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	Cd * 150	75 155	80 160
	Sample	As	Cu	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au	ppm		
8N7.50E				24	113			11		54				0.1		
7.75E				60	380			13		60				0.8		
8.0E				23	188			09		45				0.1		
8.25E				33	162			11		60				0.1		
8.75E				81	275			09		80				0.1		
9.0E				33	300			07		24				0.2		
9.25E				58	450			06		66				0.4		
9.50E				39	240			06		85				0.2		
9.75E				21	125			08		54				0.1		
10.0E				30	200			07		50				0.6		
10.25E				32	410			07		21				0.1		
10.50E				33	370			05		35				0.1		
8N10.75E				64	144			12		45				0.1		
BL8N				41	240			12		80				0.1		
BL4.0E				42	130			15		50				0.1		
.25E				39	135			13		35				0.1		
.75E				57	169			12		54				0.1		
1.0E				32	210			10		58				0.1		
1.25E				37	325			09		24				0.1		
BL4-1.50E				43	162			12		58				0.1		
4N1.75E				45	116			13		58				0.1		
2.0E				50	110			12		60				0.1		
2.25E				45	174			10		35				0.1		
2.50E				26	420			08		75				0.5		
2.75EA		56		38	172			10		24				0.2		
2.75EB				45	260			10		58				0.2		
3.25EA				12	30			05		24				0.1		
3.25EB				29	320			09		55				0.4		
3.50E				30	210			09		35				0.1		
4N4.0EA				37	280			13		60				0.3		

*Background correction for Cd.

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PROJECT No.: Job #7070

MIN - EN Laboratories Ltd.

DATE: July 12

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
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1979.

ATTENTION:

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cd* ppm
9N4.25E		82	370			11		35				0.1
4.50E		40	143			13		59				0.1
4.75E		42	166			14		18				0.1
5.0E		30	138			09		10				0.1
5.25E		41	173			12		35				0.1
5.50E		31	220			09		47				0.3
5.75E		53	173			12		45				0.5
6.0E		39	146			10		35				0.4
6.25E		35	142			07		47				0.2
6.50E		42	172			11		40				0.2
6.75E		19	220			04		21				0.1
7.0E		37	119			12		12				0.1
7.25E		44	113			13		21				0.1
7.50E		47	135			12		4				0.1
7.75E		36	260			07		22				0.7
8.0E		36	138			10		35				0.3
8.25E		45	184			10		24				0.1
8.50E		51	173			07		22				0.1
8.75E		84	183			10		45				0.6
9.0E		71	181			12		50				0.8
10.0E		29	235			11		4				0.1
10.25E		56	240			07		25				0.3
10.50E		30	600			08		55				0.6
10.75E		38	1140			11		60				1.5
11.0E	52	34	140			11		21				0.2
11.25E		23	340			10		54				0.1
9N11.50E		47	133			15		40				0.4
BL5N0		50	123			17		35				0.1
5N.50E		45	143			15		25				0.1
5N.75E		37	103			13		47				0.1

*Background correction for Cd.

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PROJECT No.: Job #7070

MIN - EN Laboratories Ltd.

DATE: July 12

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
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ATTENTION:

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	*Cd ppm
1.0N3.0E		45	130			13		55				0.1
3.25E		58	146			13		24				0.1
3.5E		42	240			11		31				0.1
3.75E		48	250			15		45				0.1
4.0E		58	250			15		40				0.1
4.25E		58	178			15		45				0.1
4.50E		54	340			12		22				0.1
4.75E		87	170			14		40				0.1
5.0E		60	305			14		40				0.1
5.25E		41	300			12		54				0.1
5.50E		64	210			14		52				0.4
5.75E		50	128			12		21				0.1
6.0E		49	153			15		22				0.1
6.25E		52	280			11		55				0.1
6.50E		30	270			09		12				0.1
6.75E		30	112			11		21				0.1
7.0E		38	168			12		22				0.1
7.25E		46	137			14		25				0.1
7.50E		42	172			15		21				0.1
7.75E		63	190			19		10				0.1
8.0E		51	148			13		24				0.1
8.25E		44	300			11		41				0.1
1.0N9.0E		42	180			11		22				0.1
1.5N4.85E		14	54			04		12				0.1
1.5N5.50E	28	26	108			10		12				0.1
1.5N5.90E		44	82			19		12				0.1

*Background correction for Cd.

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PROJECT No.: **Job #7070**

MIN - EN Laboratories Ltd.

DATE: **July 12**

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

Sample Number	% ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	*Cd ppm		
17N4.75E			32	133			10		25				0.1		
5.0E			32	100			11		10				0.1		
5.25E			38	149			11		21				0.1		
5.50E			95	185			14		4				0.4		
5.75E			44	220			14		58				0.4		
17N6.00E			32	109			11		25				0.2		
11N0E			600	375			17		35				0.3		
.25E			163	460			15		57				0.5		
.50E			44	132			08		21				0.1		
.75E			41	150			08		2				0.1		
1.0E			59	129			09		4				0.2		
1.25E			74	168			15		24				0.1		
1.50E			51	380			12		50				0.3		
1.75E			42	220			11		21				0.1		
2.0E			44	135			12		47				0.3		
2.25E			48	320			13		10				0.2		
2.50E			44	155			15		12				0.1		
2.75E			44	130			14		22				0.1		
3.0E			41	147			15		25				0.1		
3.25E			44	177			14		2				0.1		
3.50E			28	265			11		39				0.1		
3.75E			33	69			14		40				0.1		
4.0E			37	115			10		40				0.1		
4.25E			38	161			10		45				0.1		
4.50E	.25		31	141			07		2				0.2		
4.75E			46	158			10		21				0.1		
5.0E			37	139			09		2				0.2		
5.25E			45	172			12		24				0.1		
5.50E			41	142			11		45				0.1		
11N5.75E			38	175			13		21				0.3		

*Background correction for Cd.

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ATTENTION:

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	* Cd ppm		
11N6.0E		28	114			08		50				0.2		
6.25E		25	495			06		57				0.6		
6.50E		22	111			06		2				0.1		
6.75E		27	280			07		48				0.1		
7.0E		25	103			06		24				0.1		
7.25E		31	143			08		12				0.4		
7.50E		no sample				.								
7.75E		33	118			11		55				0.3		
8.0E		39	158			07		25				0.1		
8.25E		25	103			04		2				0.1		
8.50E		39	169			09		2				0.1		
8.75E		41	240			08		12				0.5		
11N9.0E		33	185			05		2				0.5		
9N0E		26	143			11		12				0.2		
..25E		43	177			12		22				0.4		
..50E		38	181			13		22				0.3		
..75E		34	122			11		21				0.1		
1.0E		39	136			12		2				0.3		
1.25E		39	145			11		2				0.5		
1.50E		45	220			12		54				0.1		
1.75E		40	290			12		45				0.3		
2.0E		31	128			09		40				0.2		
2.25E		200	910			13		72				0.8		
2.50E		37	138			08		40				0.4		
2.75E	15	31	135			09		12				0.3		
3.0E		46	170			10		14				0.1		
3.25E		36	138			11		21				0.4		
3.50E		38	295			12		68				0.4		
3.75E		47	290			11		42				0.2		
9N4.0E		56	122			11		24				0.1		

*Background correction for Cd.

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PROJECT No.: Job #7070

MIN - EN Laboratories Ltd.

DATE: July 12

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

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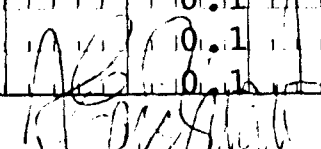
1979.

ATTENTION:

Sample Number	6 86	10 90	15 95	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	* Cd 150	70 155	75 160
	ppm	ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	ppm		
1.5N2.5E				32	610			12		60				0.1		
2.75E				22	136			09		54				0.1		
3.0E				45	250			10		20				0.2		
3.25E				32	128			11		59				0.1		
3.5E				35	225			10		35				0.1		
3.75E				53	119			11		46				0.1		
4.0E				34	123			11		54				0.1		
4.25E				40	107			08		48				0.1		
4.5E				48	117			10		54				0.1		
4.75E				39	130			08		20				0.1		
5.25E				425	1050			35		59				3.2		
5.5E				77	380			09		24				0.8		
5.75E				65	210			09		22				0.2		
6.0E				47	270			11		20				0.1		
6.25E				48	220			08		35				0.4		
6.5E				41	161			11		35				0.1		
6.75E				46	166			10		11				0.1		
7.0E				56	530			16		62				0.3		
7.25E				72	220			09		35				0.6		
7.5E				48	145			09		22				0.1		
7.75E				105	380			10		54				0.1		
8.0E				54	176			12		100				0.1		
8.25E				43	173			10		100				0.1		
8.5E				42	140			08		9				0.1		
8.75E			38	40	250			08		120				0.1		
9.0E				35	166			09		54				0.1		
1.6N0E				30	105			09		50				0.1		
-0E				20	105			10		130				0.1		
.25E				25	104			07		35				0.1		
1.6N.5E				36	143			06		100				0.1		

*Background correction for Cd.

CERTIFIED BY



PROJECT No.: **Job #7070**

MIN - EN Laboratories Ltd.

DATE: **July 12 1979.**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION:

Sample Number	6 % %	10 Cu ppm	15 Pb ppm	20 Zn ppm	25 Ni ppm	30 Co ppm	35 Ag ppm	40 Fe ppm	45 Hg ppb	50 As ppm	55 Mn ppm	60 Au ppb	65 Cd * ppm	70 75 80	
81 86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
1.6N.75E			21	59			06		11				0.1		
1.0E			290	225			11		35				0.2		
1.25E			58	119			13		20				0.6		
1.5E			21	86			06		24				0.1		
1.75E			30	137			09		56				0.2		
2.0E			53	141			06		35				0.3		
2.25E			52	184			08		46				0.3		
2.5E			43	148			07		12				0.1		
2.75E			22	143			07		24				0.1		
3.0E			45	166			05		11				0.1		
3.25E			43	245			14		54				0.1		
3.5E			41	260			12		78				0.4		
3.75E			46	135			10		35				0.1		
4.0E			62	169			09		22				0.6		
4.25E			39	179			12		106				0.1		
4.5E			31	105			07		21				0.1		
4.75E			31	99			09		78				0.1		
5.0E			29	97			07		20				0.1		
5.25E			34	163			07		35				0.1		
5.5E			36	150			08		21				0.1		
5.75E			43	124			11		21				0.1		
6.0E			37	116			08		35				0.1		
6.25E			51	153			13		36				0.1		
6.50E			131	152			11		21				0.6		
6.75E		85	44	139			11		26				0.1		
7.0E			85	159			11		22				0.7		
1.8N.25E			38	128			06		26				0.4		
.5E			29	159			09		60				0.1		
.75E			33	139			06		56				0.2		
1.8N1.0E			32	170			07		35				0.1		

*Background correction for Cd.

PROJECT No.: **Job #7070**

MIN - EN Laboratories Ltd.

DATE: **July 12**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1979.

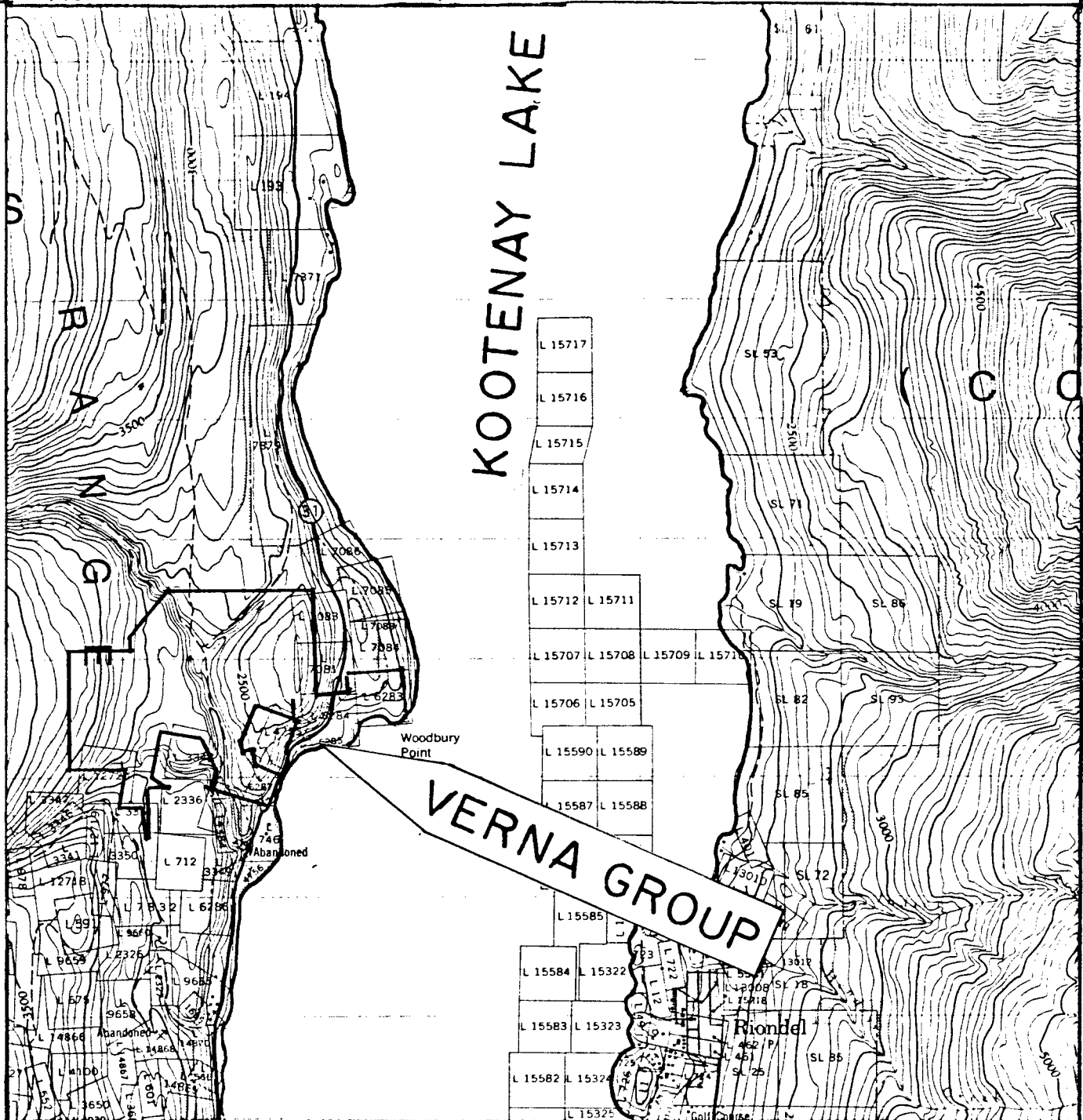
ATTENTION:

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	* Cd ppm				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
1.8N1.25E			27	153			08		25				0.1			
1.5E			32	172			07		21				0.2			
1.75E			24	172			08		22				0.1			
2.0E			30	149			06		4				0.1			
2.25E			28	135			07		10				0.1			
2.5E			30	117			09		12				0.1			
2.75E			33	164			08		10				0.1			
3.0E			31	123			10		12				0.2			
3.25E			30	265			10		31				0.1			
3.5E			29	255			09		31				0.1			
3.75E			28	148			10		24				0.1			
1.8N4.0E			28	126			12		54				0.1			
1.7N.25E			27	155			07		14				0.2			
.50E			31	139			09		14				0.4			
.75E			24	110			08		2				0.1			
1.0E			23	113			08		21				0.1			
1.25E			20	98			08		47				0.1			
1.50E			24	168			09		25				0.1			
1.75E			31	126			08		10				0.2			
2.0E			32	187			06		40				0.2			
2.25E			26	710			08		58				0.4			
2.50E			21	165			05		22				0.2			
2.75E			26	240			07		24				0.3			
3.0E			27	171			10		50				0.1			
3.25E		30	24	176			10		35				0.1			
3.50E			38	240			09		68				0.1			
3.75E			39	162			11		12				0.1			
4.0E			32	395			10		12				0.1			
4.25E			39	220			13		12				0.1			
1.7N4.50E			35	104			09		25				0.1			

*Background correction for Cd.

CERTIFIED BY

[Handwritten signature]



KOOTENAY LAKE

VERNA GROUP

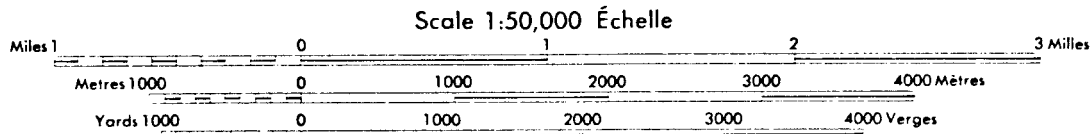


Fig.1
 CASCADIA RESOURCES LTD.
 INDEX MAP

Drawn: M.K. Lorimer
 June, 1980

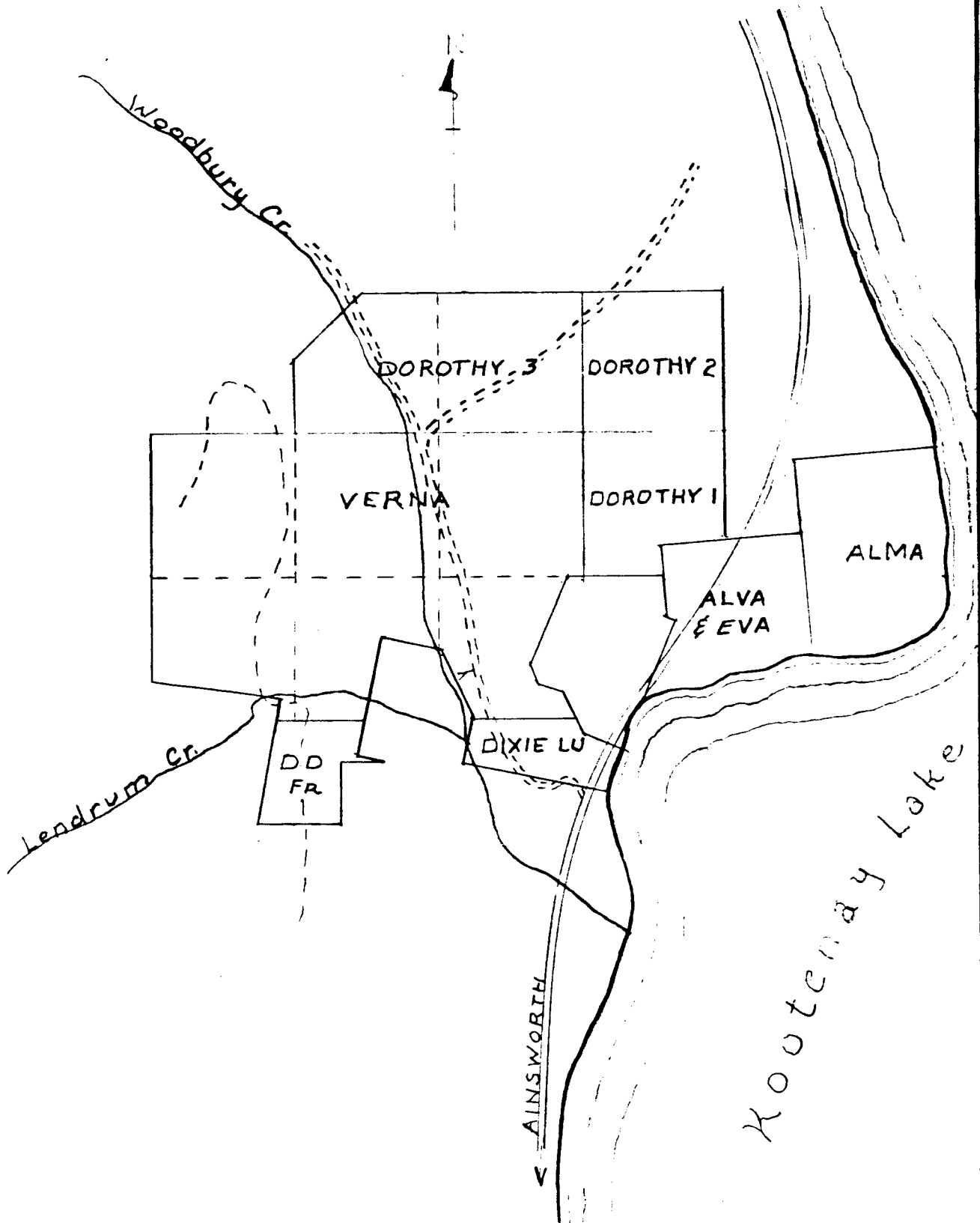


Fig. 2
 CASCADIA RESOURCES LTD.
PROPERTY MAP
 Scale: 1cm = 200m
 1in = 1600ft
 Drawn: M.K. Lorimer May 80

Geochemical Lab Report

Report No. 29 - 1182

Page No. 4

SAMPLE NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				REMARKS
13N - 6.75W	18	20	133	-				
7.00W	20	44	324	-				
7.25W	13	19	151	-				
7.50W	19	18	157	-				
7.75W	32	20	202	-				
8.00W	22	23	133	-				
8.25W	33	20	125	-				
8.50W	20	24	106	-				
8.75W	49	27	119	-				
9.00W	18	26	122	-				
9.25W	88	15	122	-				
9.50W	18	18	144	-				
9.75W	24	25	135	-				
10.00W	22	12	163	-				
14N - .25W	15	19	198	0.4				
.50W	9	44	148	-				
.75W	33	76	133	-				
1.00W	13	45	131	-				
1.25W	27	24	171	-				
1.50W	11	16	144	-				
1.75W	21	16	145	-				
2.00W	16	30	168	-				
2.25W	12	21	67	-				
2.50W	14	98	128	-				
2.75W	16	30	173	-				
3.00W	54	66	264	-				
3.25W	59	75	260	-				
3.50W	60	66	228	-				
3.75W	68	63	161	-				
4.00W	68	177	297	-				
4.25W	53	79	352	-				
4.50W	85	41	306	-				
4.75W	177	80	495	-				
5.00W	25	79	62	-				
5.25W	35	55	184	-				

8050

EMST

READ

SHOULD

Geochemical Lab Report

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Page No. 2

SAMPLE NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				REMARKS
10N - .25W	32	23	185	0.2				
.50W	34	33	184	-				
.75W	14	138	341	-				
1.00W	20	88	415	-				
12N - .25W	15	17	114	0.4				
.50W	52	1620	760	-				
.75W	22	47	595	-				
1.00W	21	27	204	-				
1.25W	45	27	143	-				
1.50W	25	28	220	-				
1.75W	24	24	168	-				
2.00W	43	32	143	-				
2.25W	37	44	160	-				
2.50W	38	36	214	-				
2.75W	21	25	115	-				
3.00W	34	32	120	-				
3.25W	31	20	102	-				
3.50W	23	25	139	-				
3.75W	28	30	139	-				
4.00W	16	25	308	-				
4.25W	14	20	145	-				
4.50W	67	44	125	-				
4.75W	48	27	134	-				
5.00W	23	32	232	-				
5.25W	30	28	154	-				
5.50W	18	16	87	-				
5.75W	33	22	183	-				
6.00W	42	92	191	-				
6.25W	20	24	134	-				
6.50W	15	20	226	-				
6.75W	10	26	263	-				
7.00W	22	23	129	-				
7.25W	18	30	525	-				
7.50W	5	10	279	-				
7.75W	20	27	168	-				

SHOULD READ EAST

8030



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C.

PHONE: 985-0681

TELEX: 04-352667

Geochemical Lab Report

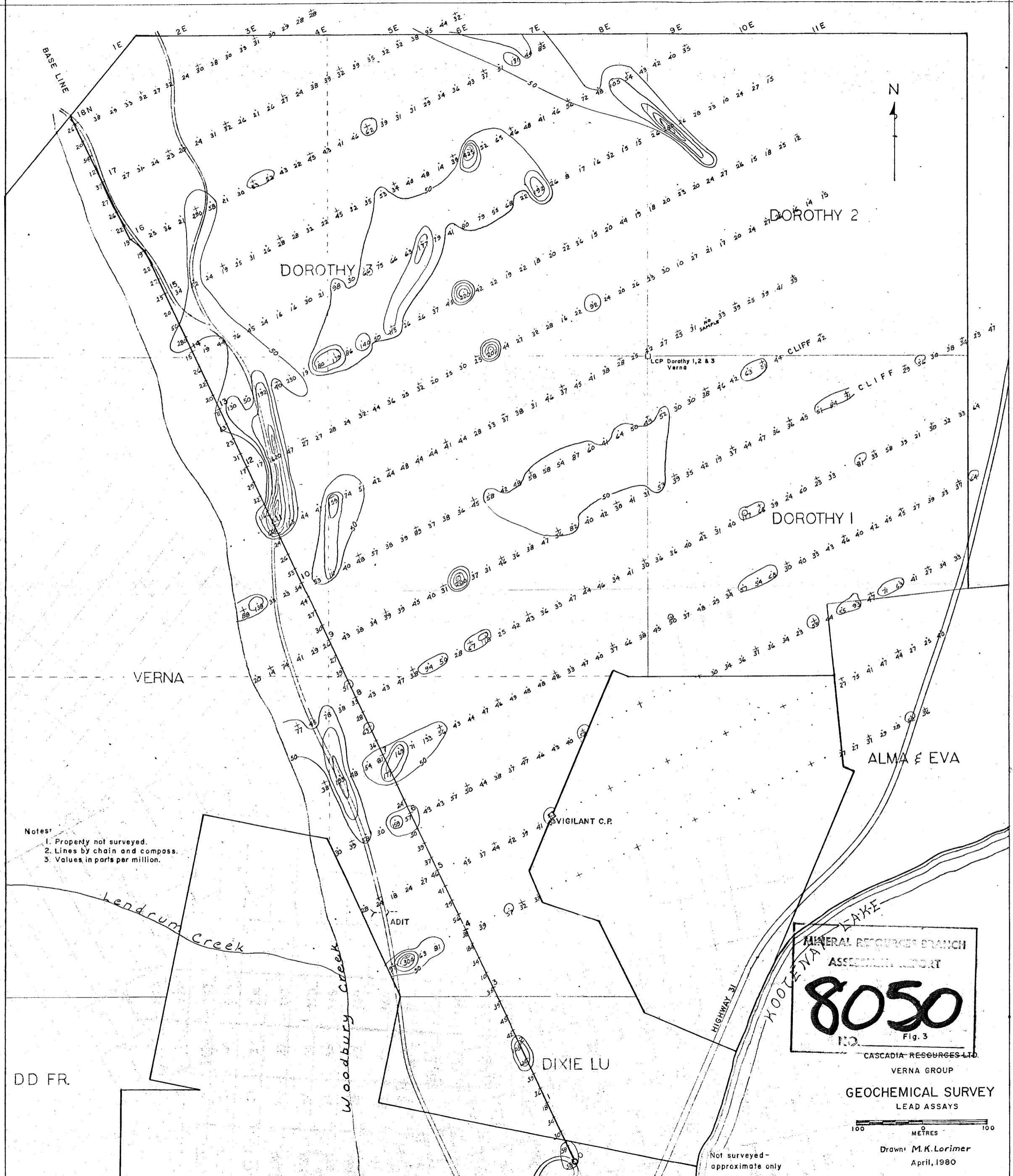
Extraction Cu, Pb, Zn, Ag; Hot Aqua Regia
Hg; Controlled Aqua Regia Report No. 29 - 1182

Method Cu, Pb, Zn, Ag; Atomic Absorption
Hg; Closed Cell Atomic Absorption From Cascadia Resources

Fraction Used _____ Date August 8, 1979

SAMPLE NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				REMARKS
L4N - .50W	57	81	800	-				
.75W	23	63	2570	-				
1.00W	24	300	2130	-				
1.25W	32	97	780	-				
1.50W	49	119	665	-				
5N - .25W	38	27	166	0.2				
.50W	34	24	138	-				
.75W	51	18	106	-				
1.00W	36	24	110	-				
1.25W	24	28	185	-				
1.50W	32	37	174	-				
1.75W	33	32	216	-				
6N - .25W	21	159	241	0.4				
.50W	15	30	275	-				
.75W	34	58	131	-				
1.00W	29	39	145	-				
1.25W	31	30	176	-				
7N - .25W	38	54	189	0.3				
.50W	67	48	245	-				
.75W	56	193	590	-				
1.00W	25	38	336	-				
8N - .25W	38	38	175	0.3				
.50W	75	78	308	-				
.75W	67	45	261	-				
1.00W	68	77	277	-				
9N - .25W	34	29	145	0.2				
.50W	54	41	137	-				
.75W	26	74	112	-				
1.00W	27	14	100	-				
1.25W	22	20	138	-				

8050



Notes:
 1. Property not surveyed.
 2. Lines by chain and compass.
 3. Values in parts per million.

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
8050
 NO. Fig. 3

CASCADIA RESOURCES LTD.
 VERNA GROUP
 GEOCHEMICAL SURVEY
 LEAD ASSAYS



Drawn: M.K. Lorimer
 April, 1980

Not surveyed - approximate only

DD FR.

VERNA

DOROTHY I

DOROTHY 2

DOROTHY 3

ALMA & EVA

VIGILANT C.P.

DIXIE LU

ADIT

HIGHWAY 31

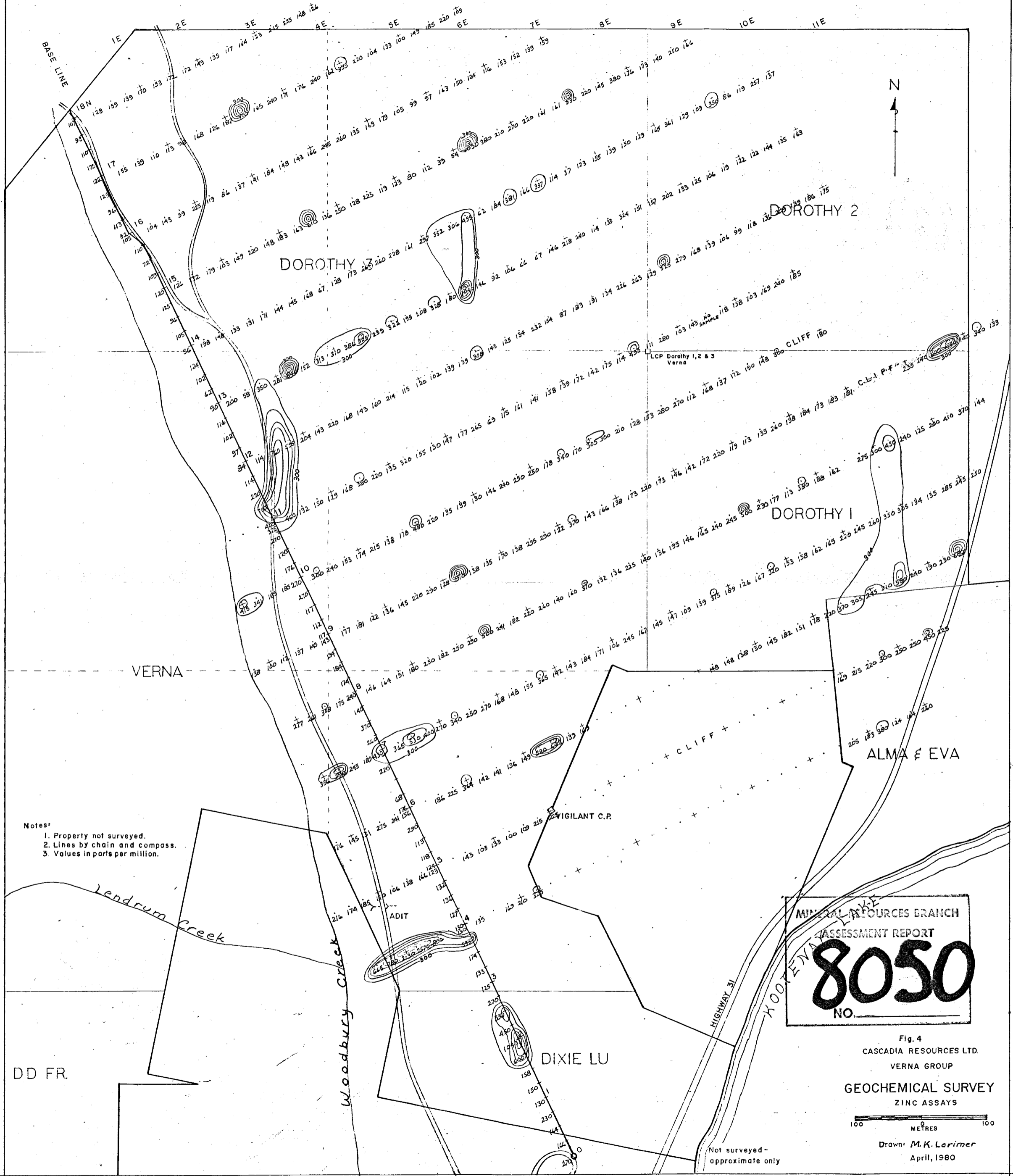
YOOTENAY LAKE

Woodbury Creek

Lendrum Creek

BASE LINE





- Notes:
1. Property not surveyed.
 2. Lines by chain and compass.
 3. Values in parts per million.

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
8050
 NO.

Fig. 4
 CASCADIA RESOURCES LTD.
 VERNA GROUP
 GEOCHEMICAL SURVEY
 ZINC ASSAYS



Drawn: M.K. Larimer
 April, 1980

Not surveyed -
 approximate only

DD FR.

DIXIE LU

ALMA & EVA

DOROTHY 1

DOROTHY 2

DOROTHY 3

VERNA

Lendrum Creek

Woodbury Creek

HIGHWAY 31

YOOKYENAL LAKE

VIGILANT C.P.

ADIT

CLIFF

LCP Dorothy 1, 2 & 3
 Verna
 CLIFF

BASE LINE



