

A Report on

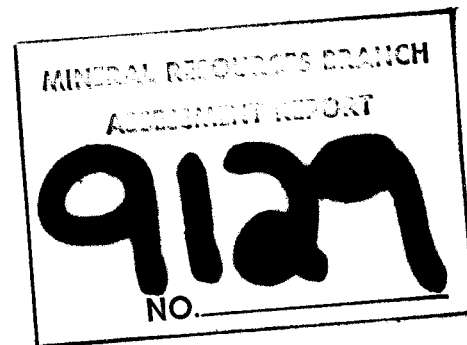
GEOCHEMICAL SAMPLING

on the

W H I P and F A I T H

Mineral Claims

Similkameen M.D.



D. Johnson

LACANA MINING CORPORATION

May 1981

NTS 92 H 7W

Lat. 49° 16' 30"

Long. 120° 48'

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SUMMARY

The WHIP claim was staked in 1979 to cover a known quartz vein containing values in lead, zinc, gold and silver. Limited work programmes in 1979 and 19780 have attempted to trace this vein geochemically.

The FAITH claim was added in 1980 to cover regional geological and airborne magnetic trends.

CONCLUSIONS AND RECOMMENDATIONS

Although exploration work to-date has not expanded our previous knowledge of the dimensions or continuity of the exposed 'WHIP' vein, geochemical work described in this report has outlined an interesting target zone.

In 1981, expanded geochemical coverage should be combined with sophisticated geophysical techniques. (CEM) to more thoroughly test the WHIP property.

INTRODUCTION

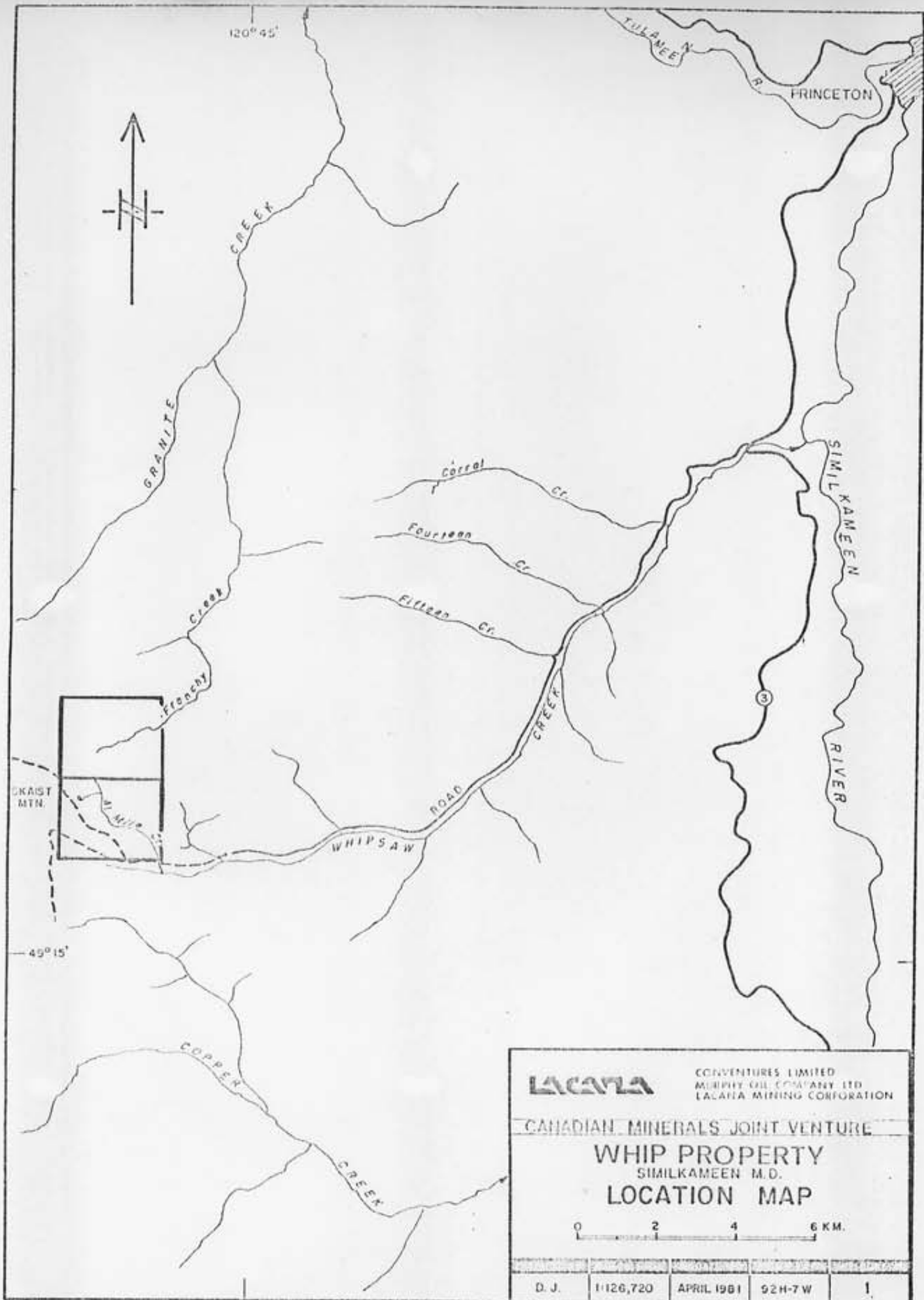
Location and Access

The "WHIP" property is located just north of the confluence of 41 Mile and Whipsaw Creeks, at elevations of 1720 to 1880 meters. Access from Princeton is via the Whipsaw Creek forest access road, and Hwy., 3, a total driving distance of 35 km.

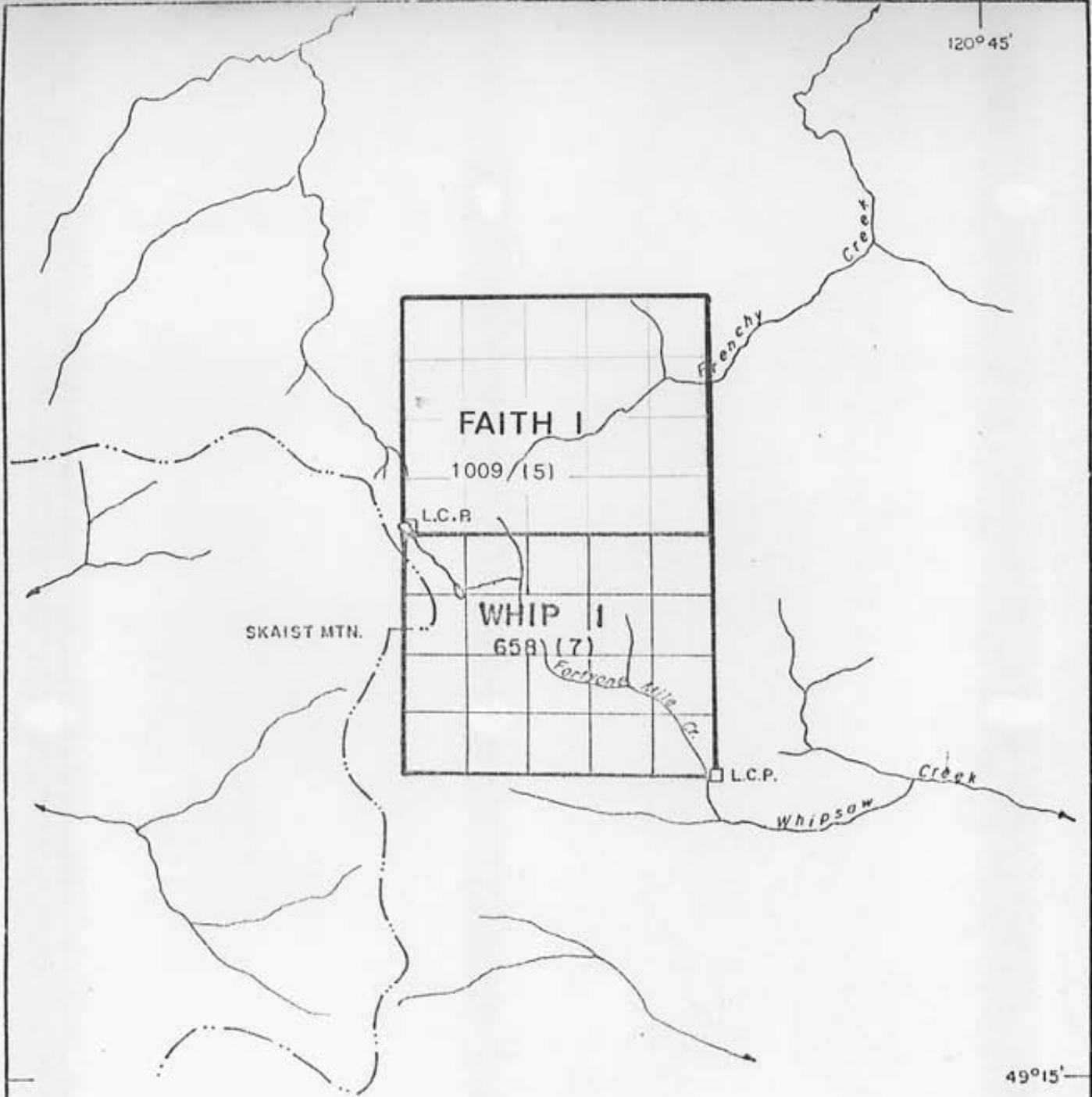
Claim Status

The size, ownership, etc., of the claims are shown in the table below. Both are in the Similkameen, M.D.

<u>NAME</u>	<u>RECORD NO</u>	<u>NO OF UNITS</u>	<u>EXPIRY DATE</u>
Whip	658	20	July 9, 81
Faith 1	1009	20	May 8, 81



120°45'



49°15'



LACANA CONVENTURES LIMITED
 MURPHY OIL COMPANY LTD
 LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

WHIP PROPERTY
 SIMILKAMEEN M.D.

CLAIM MAP

0 1 2 3 KM.

D.J.	1:50,000	APRIL 1981	92H-7W	2
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GEOLOGY

Regional geology is shown on G.S.C. map 888A, Memoir 243, by H.M.A. Rice. The "WHIP" showing, and several others in the area, are clustered along the contact of the Triassic NICOLA group and the JURASSIC "EAGLE" granodiorite.

No attempt has been made to compile a detailed geology map on a property scale.

GEOCHEMISTRY

Following cutting and marking of suitable grid lines, soil sampling of a small portion of the WHIP 1 claim was undertaken. Samples were collected from the "B" soil horizon, placed in Kraft paper envelopes, and shipped to Min-En Labs in North Vancouver, for analysis for Pb, Zn, Cu, Ag, and Au content. Analytical procedures used by Min-En are described in appendix IV

A 50 m x 25 m sample spacing over an area .3 km x 1 km yielded 285 samples. Copies of analytical results are attached as appendix III. Values for the 5 elements are plotted as figures 3 through 7, and discussed briefly below

Lead

Lead values are low, from 7 to 58 ppm. The 25 ppm contour on figure 3 outlines 2 distinct areas of increased content; an arcuate zone, roughly east-west trending, in the far southern portion of the grid, and a broad area of elevated values in the northeast corner of the area sampled.

ZINC

Zinc values range from 9 to 201 ppm, and display a pattern very similar to lead, with a nearly east-west anomalous zone at the extreme south of the area, and a broader area of high content in the northeast section of the target area.

SILVER

Silver values range from 3 ppm to a high of 4.2 ppm. As with Pb and Zn, a distinct east-west anomaly is evident at the South end of the grid. In the remainder of the area, the 1.0 ppm contour neatly divides the grid into east (high) and west (low) portions.

COPPER

Copper values display a different trend, with values ranging from 18 to 249 ppm. The general increase from west to east is probably related to a regional flooding of copper by the "Whipsaw Creek Porphyry" copper prospect a short distance to the east.

GOLD

Gold values vary erratically, from less than 5 to 300 ppb. No pattern or zoning is evident, and no relationship to other elements is obvious. Figure 7, gold geochemistry, was not contoured.

Discussion of Results

The strong correlation of lead, silver and zinc anomalies near this "O" baseline suggests the presence of argentiferous galena-sphalerite body (vein ?) in this area. This zone will be further examined in 1981 by extension of soil sampling and testing with Crone "CEM" equipment.

APPENDIX 1

STATEMENT OF QUALIFICATIONS

I, Darrel Johnson, of the City of Port Coquitlam, in the Province of British Columbia, do hereby state that:

1. I am a graduate of the University of British Columbia, with a B.Sc. degree in Geology, obtained in 1970;
2. I have been working in all phases of mining exploration in British Columbia, for the past 16 years, of which the past 11 have been in responsible positions, as an exploration geologist, with various exploration companies.
3. I am presently the managing geologist of the Vancouver office of Lacana Mining Corporation;
4. I personally supervised all the work on which this report is based.

Dated this 4 day of May, 1981


Darrel Johnson

Appendix 11

STATEMENT OF COSTS

1. WAGES

Lyle Killough

Sept. 21 - 30 inclusive
10 days @ \$50 \$ 500

Albert August

Sept 21 - 30 inclusive
10 days @ \$50 500

2. SUPPORT COSTS

Motel		311.85
Meals	\$15/man/day x 20	300 -
Truck	\$20/day/ x 10	200 -

3. ANALYTICAL COSTS

Min-en Labs	invoice # 7313	1,469.10
	7354	1,053.15

TOTAL - - - - - \$4,334.10

INVOICE

MIN-EN LABORATORIES LTD.

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

Phone: (604) 980-5814 or 988-4524
Telex: 04-352828

7854

DATE Oct. 23/80
YOUR ORDER NO.

TO • Lacana Mining Corp.,
• 312-409 Granville St.,
• Vancouver, B.C.

OUR ORDER NO.	TERMS	F.O.B.		
0-983				
QUANTITY	STOCK NUMBER/DESCRIPTION	UNIT PRICE	AMOUNT	
119	soil geochem - Cu,Pb.Zn.Ag.Au	825	981	75
119	soil sample prep	60	71	40
1	rock geochem - Cu,Zn.Ag,Au	750	7	50
1	rock sample prep	200	2	00
	TOTAL		1062	65
			1053	15

W1-11P
D. John

THESE ARE PROFESSIONAL SERVICES AND PAYABLE WHEN RENDERED.
OVER 30 DAYS 1.5% INTEREST WILL BE CHARGED PER MONTH.

INVOICE

MIN-EN LABORATORIES LTD.

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

Phone: (604) 980-5814 or 988-4524
Telex: 04-352828

7313

DATE Oct. 20/30.
YOUR ORDER NO.

TO • Lacana Mining Corp.,
• 312-409 Granville St.,
• Vancouver, B.C.

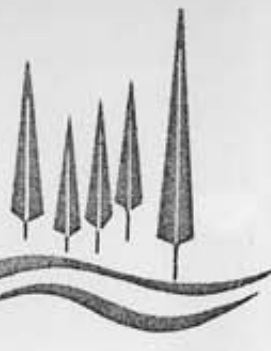
OUR ORDER NO.	TERMS	F.O.B.		
0-999				
QUANTITY	STOCK NUMBER/DESCRIPTION	UNIT PRICE	AMOUNT	
166	soil geochem - Cu, Pb, Zn, Ag, Au	8 25	1369	50
166	soil sample prep.	60	99	60
	TOTAL		1469	10

*WARR
Pg*

THESE ARE PROFESSIONAL SERVICES AND PAYABLE WHEN RENDERED.
OVER 30 DAYS 1.5% INTEREST WILL BE CHARGED PER MONTH.

PHONE (604) 295-7733

Evergreen Motel



BOX 546

• PRINCETON, B.C.

Incora Mining Corporation,
312 - 409 Granville St.,
Vancouver, B.C.
V6C 1E2

October 1, 1980.

Att. Darrel Johnson.

Re rental of room to Lyle Killo ugh and Albert August from Sept. 20/80
to Sept. 30/80 inclusive.

17 days at \$ 27.00 per day	= \$ 297.00
5 % room tax	<u>14.85</u>
Amount due	\$ 311.85

7. WHIP

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.:

MIN - EN Laboratories Ltd.

DATE: Oct. 21

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

1980.

ATTENTION:

Sample. Number	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
		Pb	Pb	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm		
Whip5W1+00N				21	84			13					10	164		
1+25N				18	63			14					5	123		
1+50N				18	79			14					15	128		
1+75N				14	62			13					15	100		
2+00N				14	68			13					10	136		
2+25N				15	54			12					15	118		
2+50N				19	72			14					10	161		
2+75N				17	58			12					25	154		
3+00N				16	40			11					5	149		
3+25N				15	47			10					20	95		
3+50N				16	59			11					20	133		
3+75N				15	60			11					20	112		
4+00N				no sample				.								
4+25N				17	68			18					5	165		
4+50N				17	65			10					10	169		
4+75N				16	54			08					20	118		
5+00N				22	89			11					5	190		
5+25N				23	92			14					10	194		
5+50N				17	58			09					15	88		
5+75N				20	79			09					5	94		
6+00N				20	102			15					10	134		
6+25N				21	110			12					10	183		
6+50N				22	107			14					15	154		
6+75N				21	113			11					5	149		
7+00N				16	85			11					5	142		
7+25N				16	82			10					5	153		
7+50N				23	123			12					5	154		
7+75N				21	107			09					15	155		
8+00N				35	156			13					10	130		
Whip5W8+25N				25	134			10					10	140		

APPENDIX III

COMPAN

Lacana Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 0-983

PROJECT No.:

MIN - EN Laboratories Ltd.

DATE: Oct. 21

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

ATTENTION:

1980.

Sample Number	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm
Whip6+00W2+75N	20	47			08					<5	65
3+00N	22	40			06					<5	82
3+25N	23	70			09					<5	99
3+50N	22	50			08					<5	63
3+75N	22	59			09					<5	76
4+00N	21	66			08					5	88
4+25N	23	73			10					5	101
4+50N	22	64			09					<5	98
4+75N	23	97			10					<5	105
5+00N	24	86			12					5	127
5+25N	20	55			09					10	95
5+50N	21	26			21					10	53
5+75N	20	48			11					5	49
6+00N	18	40			10					5	59
6+25N	20	62			07					5	40
6+50N	26	58			14					<5	91
6+75N	28	79			25					5	139
7+00N	26	80			14					<5	110
7+25N	30	93			13					5	142
7+50N	30	70			15					300	110
7+75N	29	81			16					10	132
8+00N	28	75			14					5	133
8+25N	26	78			11					5	128
8+50N	26	82			14					5	144
8+75N	25	88			10					5	137
9+00N	24	79			12					5	118
9+25N	25	91			10					<5	98
9+50N	29	92			10					35	89
9+75N	26	89			10					10	80
Whip6+00W10+00N	27	84			10					5	72

GEOCHEMICAL ANALYSIS DATA SHEET

0-983

PROJECT No.:

MIN - EN Laboratories Ltd.

DATE: Oct. 21,

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

PHONE (604) 980-5814

1980.

ATTENTION:

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Sample. Number	Mo ppm X	Cu ppm X	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm		
81	86	90	100	105	110	115	120	125	130	135	140	145	150	155	160
Whip5+50W5+75N			28	77			19					5	173		
Duplicate5+75N			27	93			13					nes	144		
6+00N			10	39			19					15	81		
6+25N			27	78			10					5	204		
6+50N			25	98			14					10	148		
6+75N			27	76			15					5	157		
7+00N			29	82			12					5	156		
7+25N			33	108			14					5	165		
7+50N			35	129			13					5	164		
7+75N			34	122			13					5	161		
8+00N			32	100			14					5	131		
8+25N			30	101			15					5	146		
8+50N			30	98			11					5	120		
8+75N			28	90			11					5	115		
9+00N			26	86			10					5	123		
9+25N			29	124			13					10	135		
9+50N			27	101			12					20	122		
9+75N			32	110			11					10	91		
Whip5+50W10+00N			28	87			10					10	82		
Whip6+00W0+00N			22	69			11					20	78		
0+25N			23	81			27					15	98		
0+50N			21	68			20					15	114		
0+75N			40	58			42					25	108		
1+00N			22	42			10					15	47		
1+25N			13	31			07					25	42		
1+50N			15	34			07					15	36		
1+75N			20	48			08					20	54		
2+00N			21	47			06					10	47		
2+25N			23	67			08					15	88		
Whip6+00W2+50N			22	60			11					10	179		

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GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

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

No. 0-983
DATE: Oct. 21, 1980

PROJECT No.: _____

ATTENTION:

Sample Number	6 10 81 86	15 90 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
	X ^o ppm	X ⁿ ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm		
Whip5W8+50N			39	161			16					<5	146		
8+75N			38	201			20					5	168		
9+00N			39	136			12					20	112		
9+25N			31	114			10					10	77		
9+50N			36	118			11					5	114		
9+75N			34	98			10					<5	97		
Whip5W10+00N			32	135			14					<5	60		
Whip5+50W0+00N			24	104			25					10	116		
0+25N			22	70			22					5	99		
0+50N			14	32			21					5	89		
0+75N			29	176			33					<5	245		
1+00N			16	42			10					5	59		
1+25N			22	72			16					5	146		
1+50N			21	56			11					5	110		
1+75N			22	76			15					5	172		
2+00N			24	55			19					20	151		
2+25N			21	54			11					5	128		
2+50N			21	46			11					<5	96		
2+75N			20	44			09					5	112		
3+00N			20	48			10					10	114		
3+25N			20	45			10					10	106		
3+50N			21	61			11					<5	136		
3+75N			26	86			29					5	249		
4+00N			25	92			15					<5	198		
4+25N			24	63			13					5	168		
4+50N			27	91			17					<5	237		
4+75N			25	63			11					5	162		
5+00N			23	63			10					<5	118		
5+25N			25	55			13					15	124		
Whip5+50W5+50N			21	74			13					10	113		

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COMPA

Lacana Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 0-999

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct. 16,

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7W 1T2
PHONE (604) 980-5814

1980.

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			
8+00W6+75N	110	22	72			09					5			
7+00N	64	18	49			08					25			
7+25N	53	21	32			06					10			
7+50N	36	15	23			06					5			
7+75N	100	19	53			09					5			
8+00N	51	20	33			08					15			
8+25N	108	24	53			13					5			
8+50N	90	19	52			08					10			
8+75N	19	15	15			07					5			
9+00N	98	21	54			07					5			
9+25N	27	11	10			06					5			
9+50N	41	16	64			06					5			
9+75N	85	20	86			10					5			
8+00W10+00N	65	18	84			06					5			
5+00W0+00N	121	21	107			12					10			
0+25N	123	22	65			17					5			
0+50N	110	21	89			13					5			
0+75N	84	19	69			11					10			
5+00W1+00N	195	17	79			19					5			

CERTIFIED BY

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct. 16,705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1980.

ATTENTION: _____

6 Sample. Number	10 Mn ppm	15 Cu ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co ppm	40 Ag ppm	45 Fe ppm	50 Hg ppb	55 As ppm	60 Mn ppm	65 Au ppb	70	75	80
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
7+50W9+50N		61	19	54			06					10			
9+75N		9	10	10			03					5			
7+50W10+00N		76	17	61			06					20			
8+00W0+00N		59	34	107			11					5			
0+25N	no sample														
0+50N	no sample														
0+75N		49	20	73			12					25			
1+00N		21	14	34			08					5			
1+25N		27	14	34			10					5			
1+50N		43	12	34			04					5			
1+75N		38	11	29			05					5			
2+00N		35	14	48			04					10			
2+25N		44	13	39			05					5			
2+50N		50	14	53			05					5			
2+75N		48	14	54			05					5			
3+00N		73	16	79			06					5			
3+25N		71	18	122			06					10			
3+50N		40	20	105			07					10			
3+75N		75	35	122			09					5			
4+00N		48	34	85			08					10			
4+25N		95	19	85			09					5			
4+50N		28	16	64			04					10			
4+75N		82	17	51			18					20			
5+00N		63	15	52			08					10			
5+25N		66	15	49			06					10			
5+50N		74	16	46			08					15			
5+75N		85	17	47			06					10			
6+00N		63	17	52			08					25			
6+25N		41	14	38			08					10			
8+00W6+50N		89	21	66			09					5			

GEOCHEMICAL ANALYSIS DATA SHEET

No. 0-999

DATE: Oct. 16,

1980.

MIN - EN Laboratories Ltd.

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

PROJECT _____

ATTENTION:

Sample. Number	6 81	10 86	Cu ppm 95	15 100	Pb ppm 105	20 110	Zn ppm 115	25 120	Ni ppm 125	30 130	35 135	40 140	45 145	50 150	55 155	60 160	65 165	70	75	80
7+50W2+00N			106	17	83			08									<5			
2+25N			141	22	103			11									<5			
2+50N			119	20	117			07									5			
2+75N			49	14	66			05									5			
3+00N			67	16	61			09									<5			
3+25N			65	19	82			09									10			
3+50N			23	18	82			04									5			
3+75N			46	21	88			06									10			
4+00N			46	21	83			07									5			
4+25N			135	20	74			10									10			
4+50N			33	15	61			08									5			
4+75N			53	16	50			07									10			
5+00N			84	16	72			08									10			
5+25N			64	19	49			05									5			
5+50N			92	14	44			06									10			
5+75N			42	14	39			04									15			
6+00N			99	16	56			07									5			
6+25N			82	17	66			07									10			
6+50N			103	18	55			07									5			
6+75N			108	20	73			12									15			
7+00N			67	18	50			05									10			
7+25N			80	14	41			08									10			
7+50N			86	15	44			1.1									20			
7+75N			85	13	45			07									5			
8+00N			99	14	49			08									5			
8+25N			69	16	38			08									15			
8+50N			74	13	36			1.1									20			
8+75N			32	16	22			08									5			
9+00N			27	14	25			08									10			
7+50W9+25N			62	18	69			08									5			

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct. 16

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

1980.

ATTENTION:

Sample Number	6 Mg ppm	10 Pb ppm	15 Cu ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co ppm	40 Ag ppm	45 Fe ppm	50 Hg ppb	55 As ppm	60 Mn ppm	65 Au ppb	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
7+00W4+75N			117	51	71			06					10			
5+00N			51	12	80			04					5			
5+25N			42	11	63			05					15			
5+50N			86	13	72			08					10			
5+75N			124	14	77			09					5			
6+00N			91	16	79			07					10			
6+25N			72	12	65			11					15			
6+50N			54	14	38			08					15			
6+75N			92	20	72			13					10			
7+00N			116	14	72			08					5			
7+25N			107	22	56			10					15			
7+50N			91	10	25			21					10			
7+75N			150	20	79			10					10			
8+00N			44	16	44			06					5			
8+25N			147	17	75			09					5			
8+50N			90	14	50			07					10			
8+75N			75	15	51			05					5			
9+00N			81	16	68			09					15			
9+25N			112	20	91			06					5			
9+50N			115	16	89			07					15			
9+75N			90	19	77			08					10			
7+00W10+00N			124	16	72			06					10			
7+50W0+00N			77	58	124			15					45			
0+25N			36	30	73			06					15			
0+50N			37	19	76			08					10			
0+75N			35	13	55			16					15			
1+00N			41	12	36			30					5			
1+25N			27	8	31			05					10			
1+50N			46	8	37			05					10			
7+50W1+75N			67	12	47			07					10			

GEOCHEMICAL ANALYSIS DATA SHEET

No. 0-999

MIN - EN Laboratories Ltd.

DATE: Oct. 16

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

1980.

PROJECT NO.: _____

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
6+50W7+50N	43	13	21			10					10
7+75N	97	16	49			0.8					55
8+00N	95	13	39			1.2					25
8+25N	102	15	51			0.6					20
8+50N	65	14	37			0.9					35
8+75N	18	10	13			0.4					50
9+00N	39	14	27			0.7					20
9+25N	14	8	9			0.8					30
9+50N	103	14	72			0.8					15
9+75N	89	16	68			0.3					20
6+50W10+00N	55	13	53			0.6					15
7+00W0+00N	92	17	105			0.7					25
0+25N	76	38	107			0.7					20
0+50N	51	36	76			0.5					15
0+75N	86	37	88			2.3					20
1+00N	50	20	81			0.8					25
1+25N	47	13	24			4.0					15
1+50N	35	7	27			0.7					25
1+75N	31	8	27			0.6					20
2+00N	53	10	45			0.9					25
2+25N	63	14	60			0.6					20
2+50N	25	11	43			0.6					45
2+75N	no sample					.					
3+00N	72	11	61			0.6					20
3+25N	73	12	61			0.6					20
3+50N	45	12	62			0.6					25
3+75N	28	11	72			0.5					10
4+00N	88	24	92			0.7					25
4+25N	39	11	65			0.5					10
7+00W4+50N	88	11	75			0.7					35

[Handwritten signature]

GEOCHEMICAL ANALYSIS DATA SHEET

No. 0-999

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct. 16

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

1980.

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	70 150	75 155	80 160
	Mg ppm		Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
6+50W0+00N			106	19	113			12					5			
0+25N			107	15	125			11					15			
0+50N			125	41	116			16					10			
0+75N			129	52	124			22					15			
1+00N			50	20	45			16					20			
1+25N			46	12	42			07					20			
1+50N			61	7	30			03					5			
1+75N			89	12	65			08					45			
2+00N			79	11	50			08					5			
2+25N			67	13	47			08					15			
2+50N			49	13	63			06					10			
2+75N			55	11	59			03					20			
3+00N			80	12	71			07					10			
3+25N			68	12	68			06					25			
3+50N			32	11	54			06					10			
3+75N			68	11	76			04					5			
4+00N			62	15	91			06					5			
4+25N			68	16	84			07					15			
4+50N			37	11	64			07					10			
4+75N			82	13	76			08					15			
5+00N			83	12	65			12					15			
5+25N			100	13	66			06					30			
5+50N			71	14	61			06					20			
5+75N			119	11	59			07					15			
6+00N			34	10	42			04					5			
6+25N			95	13	66			08					10			
6+50N			53	12	62			07					10			
6+75N			54	12	59			05					20			
7+00N			111	17	65			10					10			
6+50W7+25N			135	18	67			10					10			

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*MIN-EN Laboratories Ltd.**Specialists in Mineral Environments*Corner 15th Street and Bewicke
705 WEST 15th STREET
NORTH VANCOUVER, B.C.
CANADAANALYTICAL PROCEDURE REPORTS FOR ASSESSMENT WORKPROCEDURE FOR GOLD GEOCHEMICAL ANALYSIS.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pre-treated with HNO_3 and HClO_4 mixture.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

At this stage of the procedure copper, silver and zinc can be analysed from suitable aliquote by Atomic Absorption Spectrophotometric procedure.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 5 ppb.

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke

705 WEST 15th STREET

NORTH VANCOUVER, B.C.

CANADA

ANALYTICAL PROCEDURE REPORTS FOR ASSESSMENT WORK

PROCEDURES FOR Mo, Cu, Cd, Pb, Mn, Ni, Ag, Zn, As, F

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ceramic plated pulverizer.

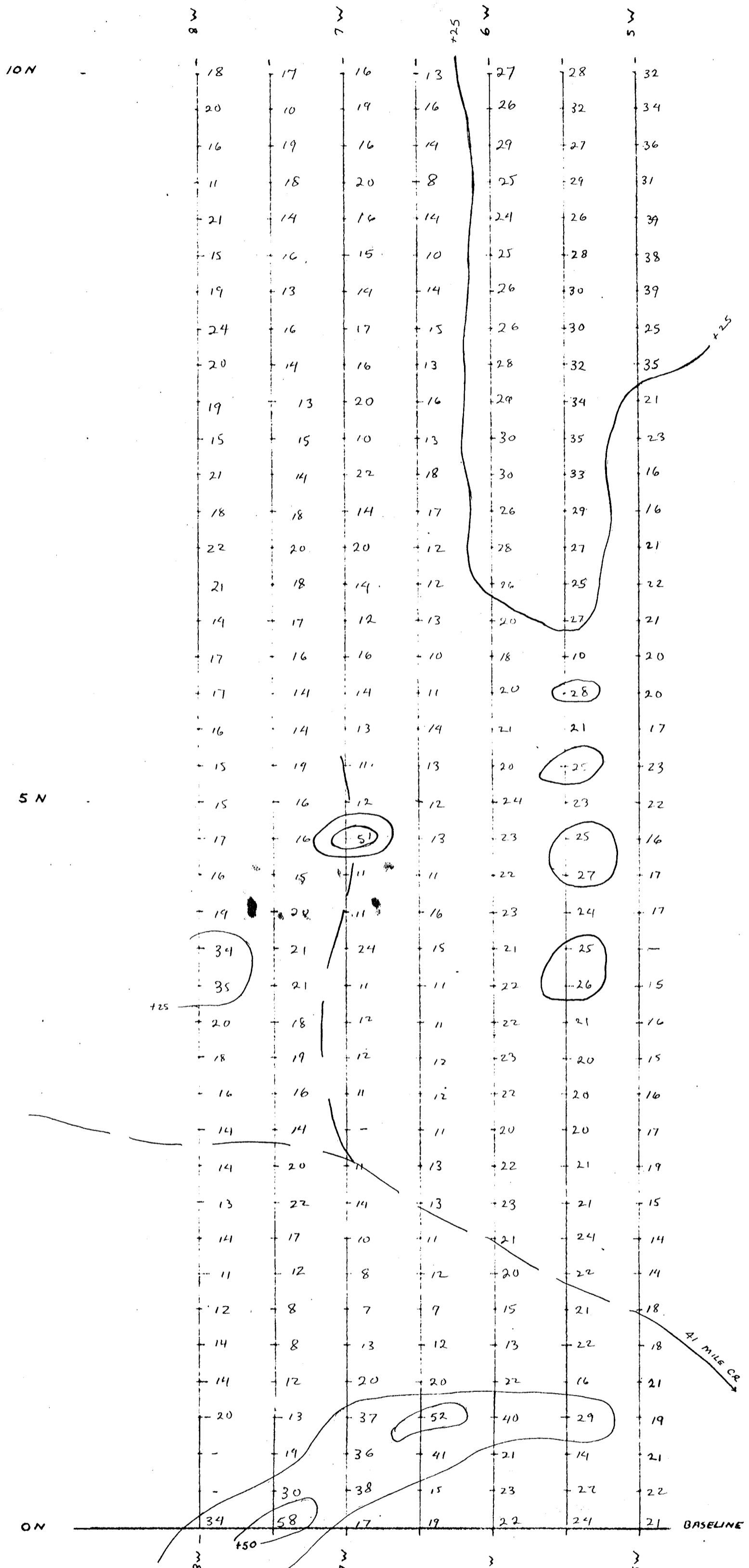
1.0 gram of the samples are digested for 6 hours with HNO_3 and HClO_4 mixture.

After cooling samples are diluted to standard volume. The solutions are analyzed by Atomic Absorption Spectrophotometers.

Copper, Lead, Zinc, Silver, Cadmium, Cobalt, Nickel and Manganese are analysed using the CH_2H_2 -Air flame combination but the Molybdenum determination is carried out by C_2H_2 - N_2O gas mixture directly or indirectly (depending on the sensitivity and detection limit required) on these sample solutions.

For Arsenic analysis a suitable aliquote is taken from the above 1 gram sample solution and the test is carried out by Gutzeit method using $\text{Ag CS}_2\text{N} (\text{C}_2\text{H}_5)_2$ as a reagent. The detection limit obtained is 1.2 ppm.

Fluorine analysis is carried out on a 200 milligram sample. After fusion and suitable dilutions the fluoride ion concentration in rocks or soil samples are measured quantitatively by using fluorine specific ion electrode. Detection limit of this test is 10 ppm F.



MINERAL DEVELOPMENT BRANCH
 ASSOCIATED GEOLOGISTS
9127
 NO.

GEOCHEMISTRY Pb

GRID REFERENCED TO
 WHIP 1 L.C.P.
 AS 55, 0W

MAP TO ACCOMPANY GEOCHEMICAL REPORT
 'WHIP 1 AND FAITH 1'
 (658 1009)
 SIMILKAMEEN M.D.

VALUES IN PPM.
 CONTOURS AT 25, 50 PPM.

0 100 Metres

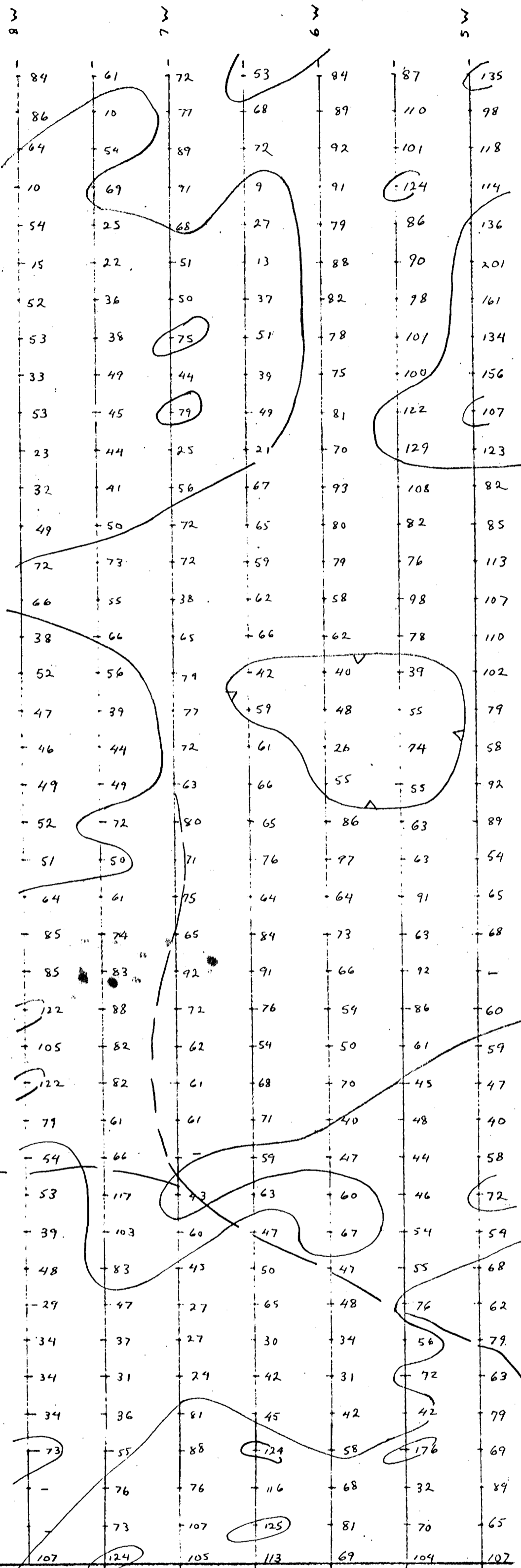
LACANA CONVENTURES LIMITED
 MURPHY OIL COMPANY LTD
 LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

WHIP
 PROPERTY
 SIMILKAMEEN M.D.

PREPARED BY	SCALE	DATE	SHEET NO.	FIGURE
DJ	1:2500	APRIL 81	92H7W	3

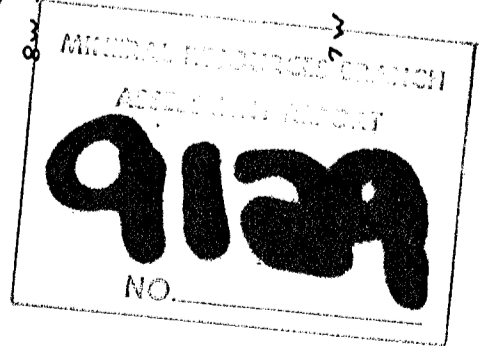
10N



5N

ON

GRID REFERENCED TO
WHIP 1 L.C.P.
AS 55, DW



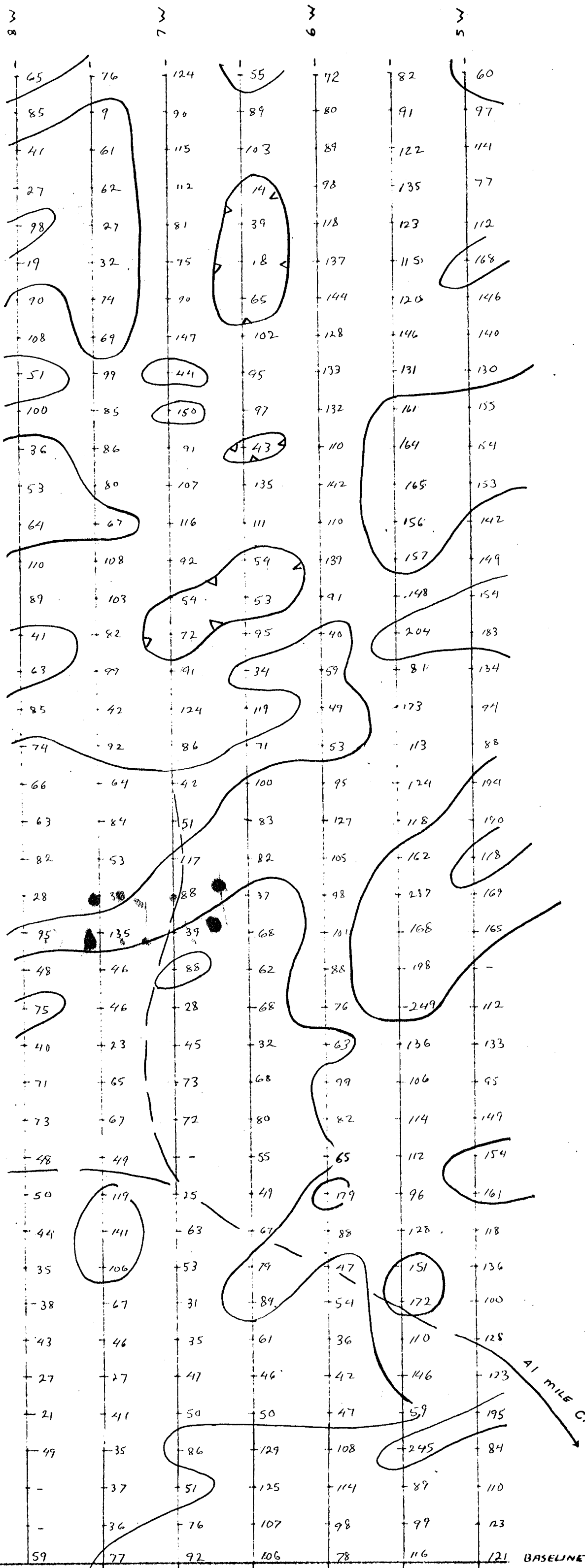
GEOCHEMISTRY Zn

MAP TO ACCOMPANY
GEOCHEMICAL REPORT
'WHIP 1 AND FAITH 1'
(658 1009)
SIMILKAMEEN M.D.

VALUES IN P.P.M.
CONTOURS AT 60, 120 P.P.M.
0 100 metres

LACANA		CONVENTURES LIMITED MURPHY OIL COMPANY LTD LACANA MINING CORPORATION		
CANADIAN MINERALS JOINT VENTURE				
WHIP PROPERTY SIMILKAMEEN M.D.				
PREPARED BY:	SCALE:	DATE:	PROJECT:	FIGURE:
DJ	1:2500	APRIL 81	92N7W	4

10N



5N

ON

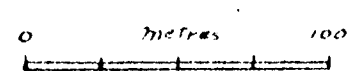
GRID REFERENCED TO WHIP 1 L.C.P. AS 5S, 0W

MINERAL RESOURCES BRANCH
 ASSOCIATED REPORT
9127
 NO.

GEOCHEMISTRY Cu

VALUES IN P.P.M.

CONTOURS AT 75, 150 P.P.M.



MAP TO ACCOMPANY
 GEOCHEMICAL REPORT
 'WHIP 1' AND 'FAITH 1'
 (658 1009)
 SIMILKAMEN M.D.

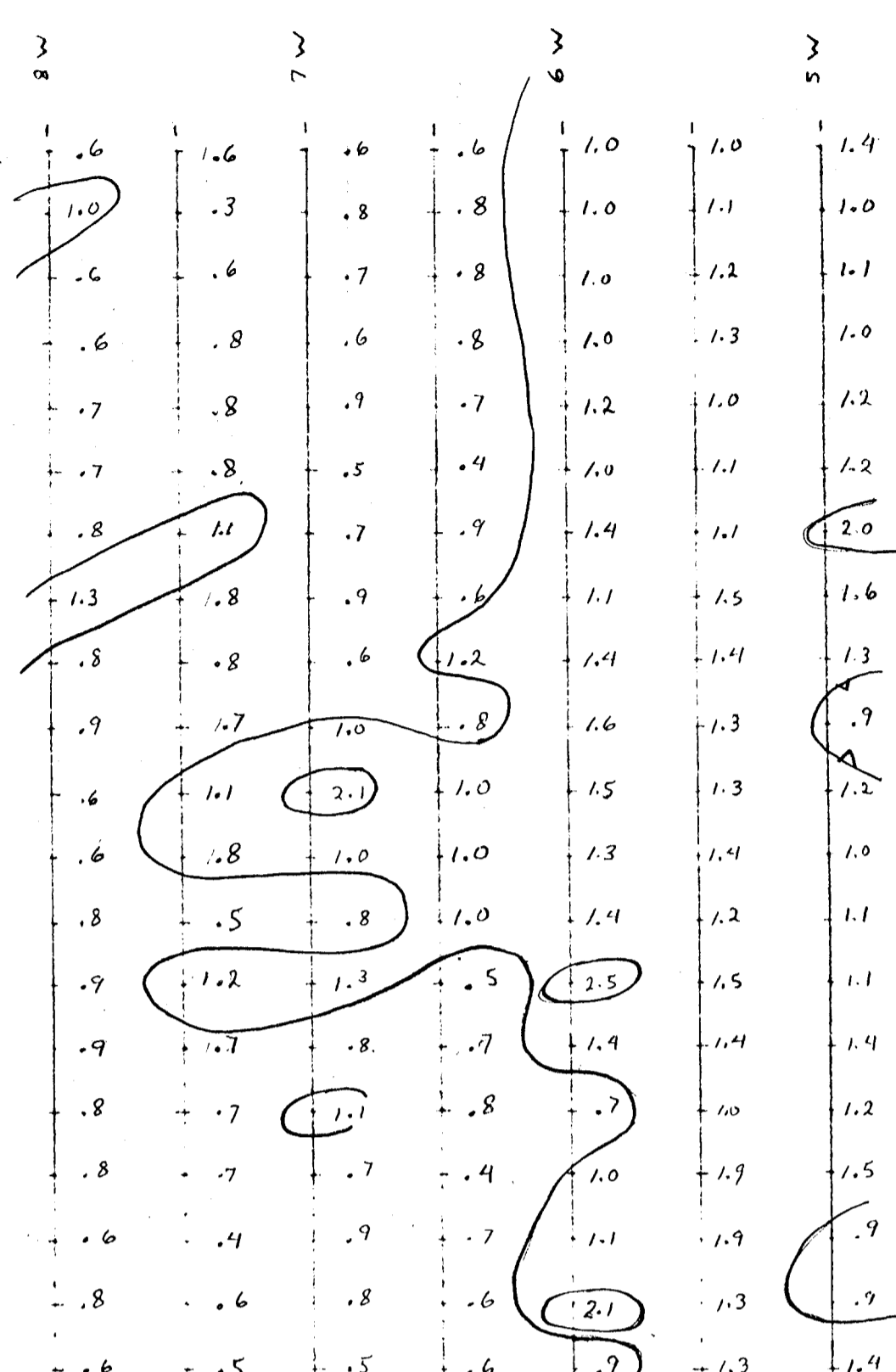
LACANA CONVENTURES LIMITED
 MURPHY OIL COMPANY LTD
 LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

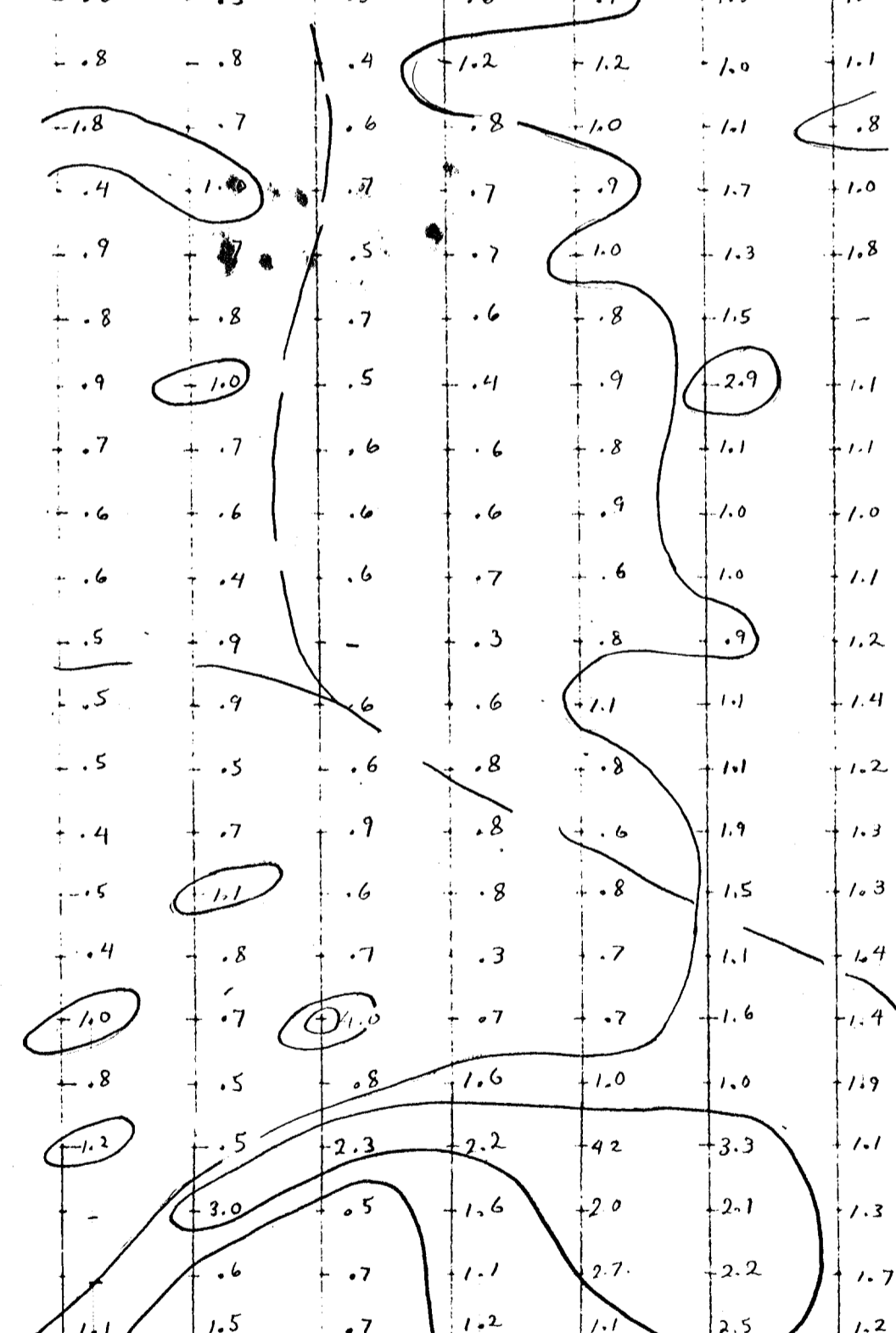
**WHIP
 PROPERTY
 SIMILKAMEN M.D.**

PREPARED BY	SCALE	DATE	SHEET NO.	FIGURE
DJ	1:2500	APRIL 81	92N7W	5

10N



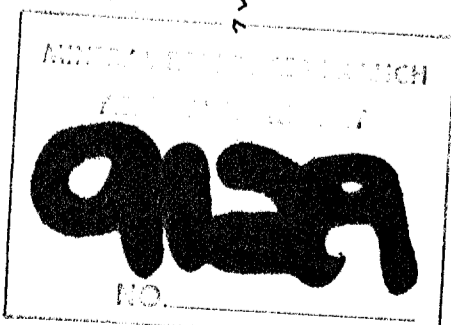
5N



ON

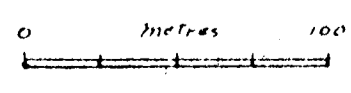
BASELINE

GRID REFERENCED TO WHIP 1 L.C.P. AS 5S, DW



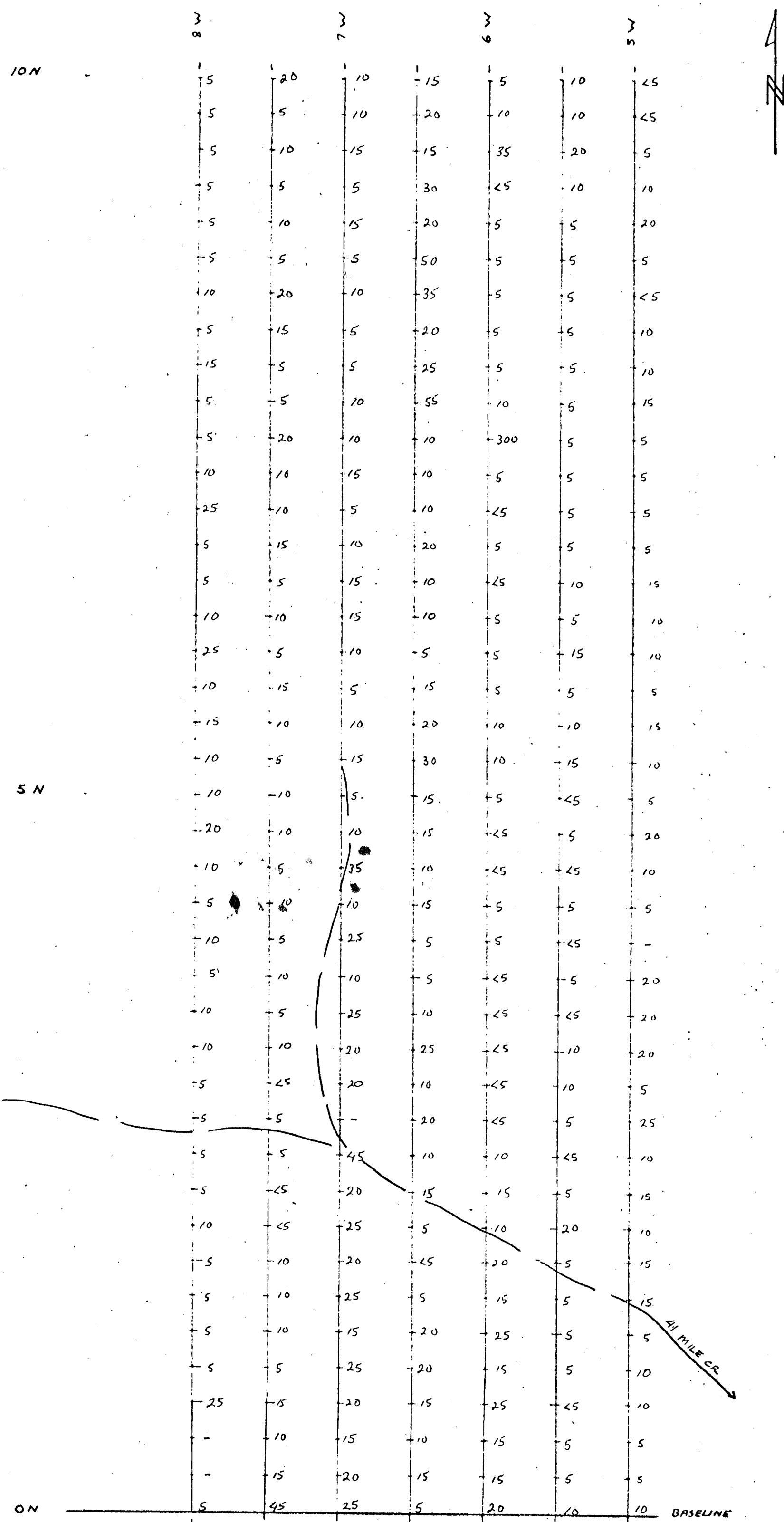
GEOCHEMISTRY Ag.

VALUES IN P.P.M. CONTOURS AT 1.0, 2.0 P.P.M.

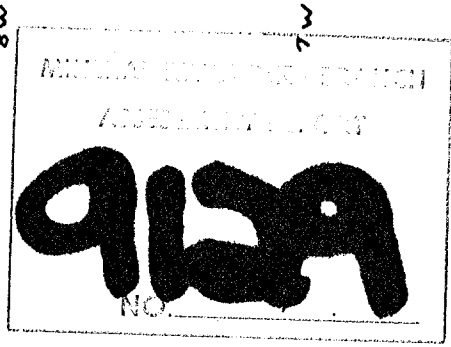


MAP TO ACCOMPANY
GEOCHEMICAL REPORT
'WHIP 1' AND 'FAITH 1'
(658 1009)
SIMILKAMEEN M.D.

LACANA		CONVENTURES LIMITED MURPHY OIL COMPANY LTD LACANA MINING CORPORATION	
CANADIAN MINERALS JOINT VENTURE			
WHIP PROPERTY SIMILKAMEEN M.D.			
PREPARED BY	SCALE	DATE	FIGURE
DJ	1:2500	APRIL 81	92H7W 6



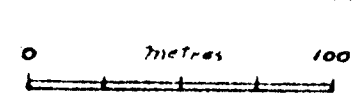
GRID REFERENCED TO
WHIP 1 L.C.P.
AS 5S, DW



GEOCHEMISTRY Au

VALUES IN P.P.M.

<5 LESS THAN 5 P.P.M.



MAP TO ACCOMPANY
GEOCHEMICAL REPORT
'WHIP 1 AND FAITH'
(658 1009)
SIMILKAMEEN M.D.

LACANA		CONVENTURES LIMITED MURPHY OIL COMPANY LTD LACANA MINING CORPORATION		
CANADIAN MINERALS JOINT VENTURE				
WHIP PROPERTY SIMILKAMEEN M.D.				
PREPARED BY	SCALE	DATE	FIGURE	
DJ	1:2500	APRIL 81	92H7W	7