81-1229-10016.

GEOLOGY AND SOIL GEOCHEMISTRY SURVEY REPORT

JA CLAIM

IN THE

SIMILKAMEEN MINING DIVISION, BRITISH COLUMBIA

AT

Latitude: 49°18'N Longitude: 120°12'N

CLAIM MAP M92H/8

FOR

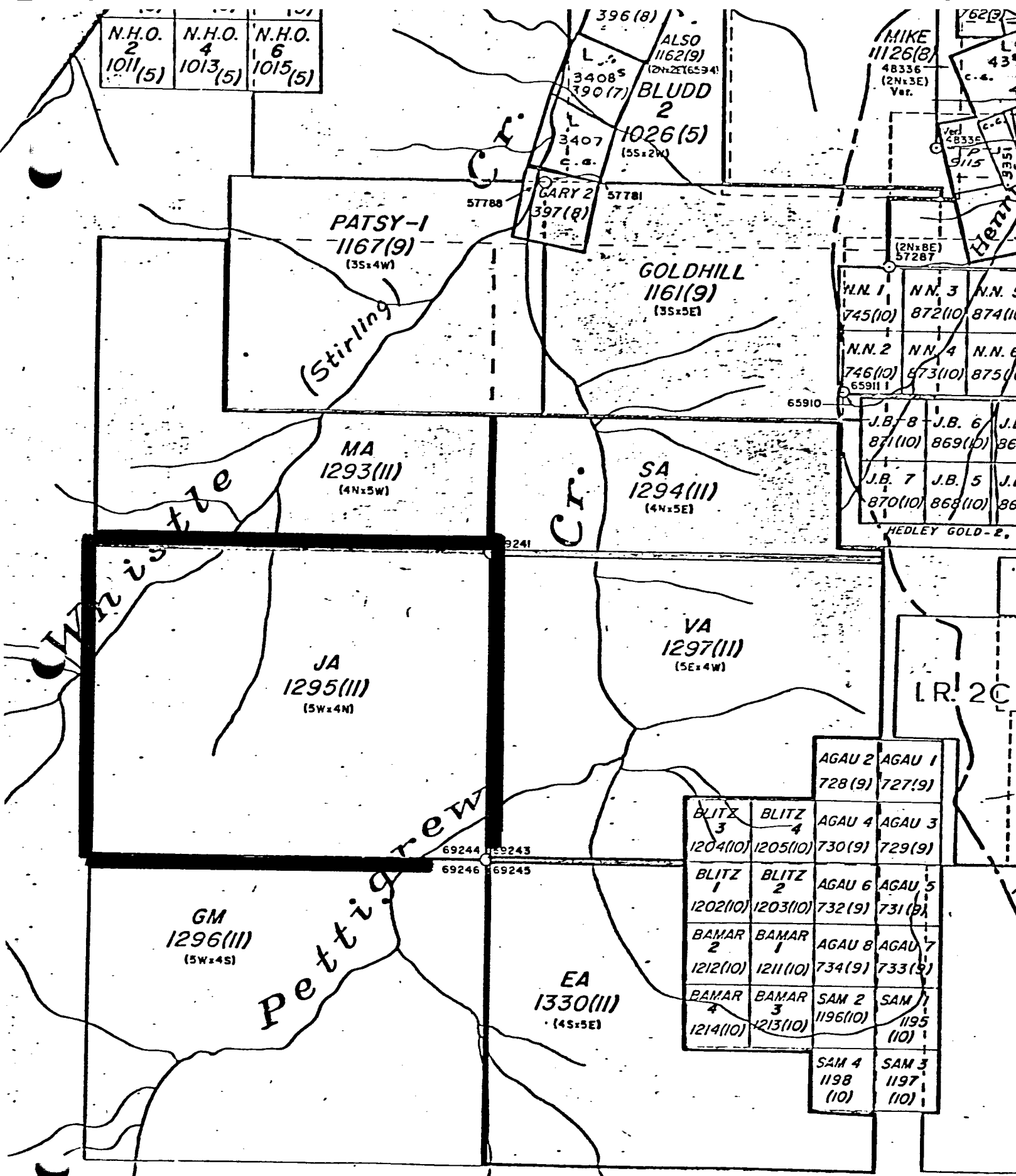
BERLE OIL CORPORATION

BY

E. AMENDOLAGINE, P.Eng.

FEBRUARY 1, 1982

part 1
of 2


N.H.O. 2 1011(5)
N.H.O. 4 1013(5)
N.H.O. 6 1015(5)
396(8)
ALSO 1162(9)
(2N x 2E) 65941
L 3408 390(7)
L 3407 c.a.
BLUDD 2 1026(5)
(5S x 2W)
MIKE 1126(8)
48336
(2N x 3E)
Var.
GARY 2 397(8)
57788
57781
PATSY-1 1167(9)
(3S x 4W)
(Stirling)
GOLDHILL 1161(9)
(3S x 5E)
(2N x 8E)
57287
N.N. 1 745(10)
N.N. 3 872(10)
N.N. 2 746(10)
N.N. 4 873(10)
65911
65910
J.B. 8 871(10)
J.B. 6 869(10)
J.B. 7 870(10)
J.B. 5 868(10)
HEDLEY GOLD-2.
MA 1293(11)
(4N x 5W)
SA 1294(11)
(4N x 5E)
Cr.
69241
JA 1295(11)
(5W x 4N)
VA 1297(11)
(5E x 4W)
I.R. 2C
AGAU 2 728(9)
AGAU 1 727(9)
BLITZ 3 1204(10)
BLITZ 4 1205(10)
AGAU 4 730(9)
AGAU 3 729(9)
BLITZ 1 1202(10)
BLITZ 2 1203(10)
AGAU 6 732(9)
AGAU 5 731(9)
BAMAR 2 1212(10)
BAMAR 1 1211(10)
AGAU 8 734(9)
AGAU 7 733(9)
BAMAR 4 1214(10)
BAMAR 3 1213(10)
SAM 2 1196(10)
SAM 1 1195 (10)
SAM 4 1198 (10)
SAM 3 1197 (10)
69244
69243
69246
69245
GM 1296(11)
(5W x 4S)
EA 1330(11)
(4S x 5E)

SUMMARY

Geologic mapping and soil geochemical survey was carried out during the period June 25-November 20, 1981 on the JA Claim in the Similkameen Mining Division of British Columbia.

The JA Claim "20 units" is part of a larger survey program which encompasses 6 claims consisting of 120 units.

The JA claim is situated in the central-western portion of the total area surveyed. The geology of the area consists of Coast Intrusives into the Jurassic and Triassic Nicola Groups.

The purpose of this survey was to test and explore the area for economical mineral deposits. The survey was conducted with control lines consisting of a north-south baseline on the east boundary of the JA claim with survey lines running west from the baseline and spaced 150 meters apart.

A north-south tie line was also run from 10+00W on L 19+50S to 10+00E on the "0" north line of the claim.

Soil samples were taken at 150 meter spacings on all lines put in.

The survey covered only the northern portion of the claims.

There are fifty-six soil samples taken on this survey included in the statistical analysis.

The addition of 28 peripheral samples are not included in this analysis.

The samples were assayed for Au, Ag, As, Cu, Mo, Pb, Zn, Ni, Co, Cd and Sb.

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APPENDICES

MAPS

The statistical analysis for the samples was not possible due to insufficient samples and area covered in this portion of the survey. However, the geochemical soil sampling to the east and the south of the property on the adjoining claims indicate an anomalous trend for Cu, Mo, Zn, Ag, Ni and possible Au are striking across the southeast corner of the JA claim.

The limited sampling completed yielded some low anomalous assays in Au, Ag, Mo and Zn.

The ground at these two areas should be detailed soil-sampled to check out the values.

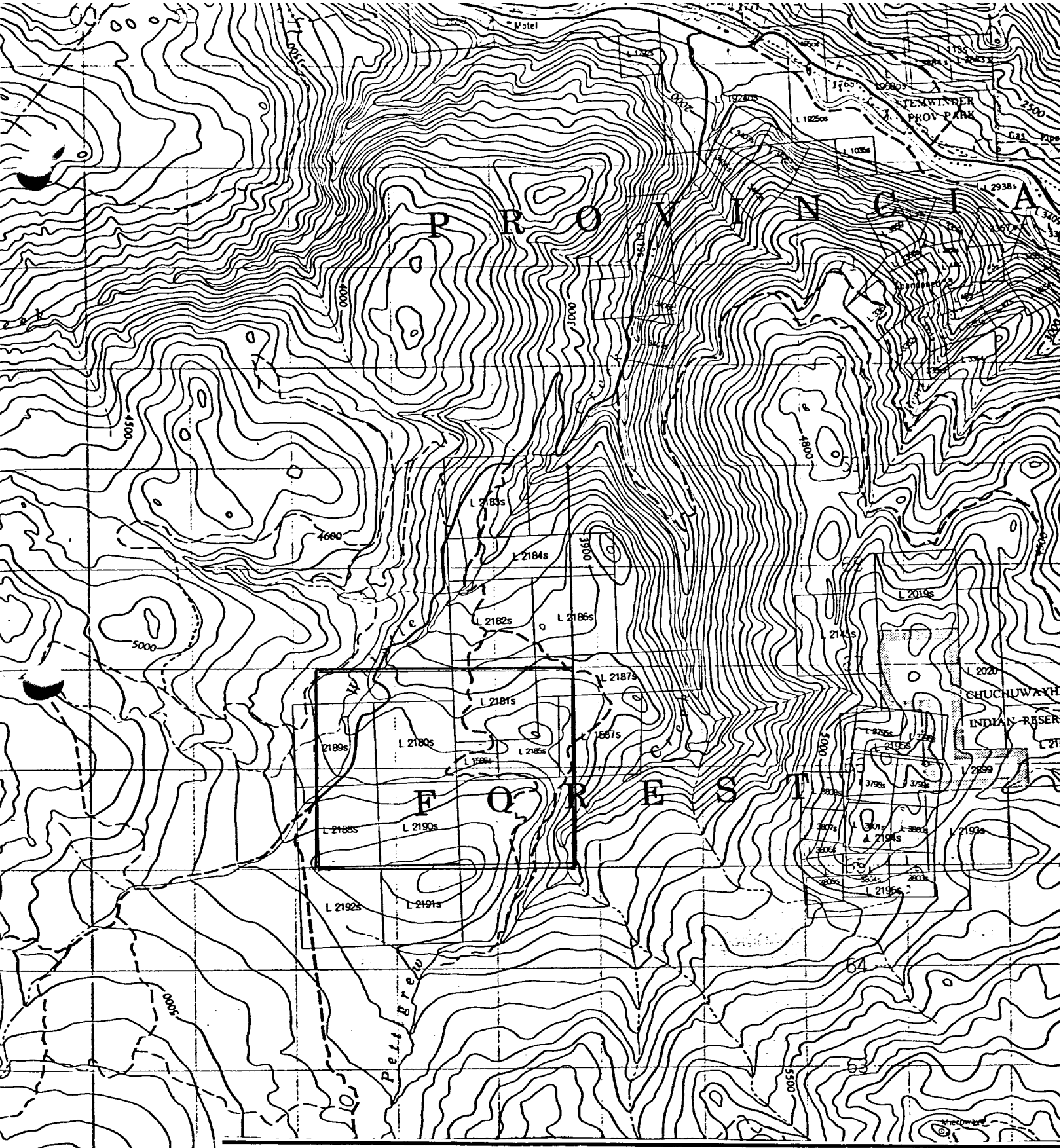
There are definite anomalous trends striking across the southeastern portion of the property. The soil sampling should be completed on the property to complete the information to evaluate the property.

The property area has very few outcrops. The outcrops indicate the Triassic Nicola group formations.

The geology to the east and the south are the Jurassic Coast Intrusives and peridotite, pyroxenite and gabbros.

CLAIMS

The JA claim is shwon on Claim Sheet M92H/8 and on the topographic sheet.



HEDLEY
BRITISH COLUMBIA

Scale 1:50,000 Échelle

Miles 1 0 1 2 3 Milles

Metres 1000 0 1000 2000 3000 4000 Mètres

Yards 1000 0 1000 2000 3000 4000 Verges

SURVEY PERFORMED

A line grid and soil geochemistry surveys were conducted on the property during the period August 12 to 24, 1981. The survey was conducted by Manny Consultants Ltd. with the assistance of:

Maurice Amendolagine

Rob Ferraro

Steve Leung

The line grid was established on the property tied into the LCP in the southeast corner of the claim.

The grid consisted of compass and chain flagging lines.

The main baseline N-S, is the east boundary of the claim. The west lines are fun off the baseline and re spaced 150 meters apart. A tie line is run from 17+00W, on the north boundary line to 10+00W on the 19+50S line.

The soil geochemical survey used the line grid for control and samples were taken at 150 meter spacing along the lines and the baseline.

There were 56 soil samples taken on the property with 28 peripheral samples on the south and west boundaries.

The remainder of the property should be completed and soil sampled.

This will check the possible anomalous strike indications from the adjoining properties.

SOIL GEOCHEMISTRY SURVEY

Soil sampling was performed on an established grid at 150 meter intervals. The samples were taken with a mattock in the "B" horizon where possible. They were placed in bags and marked for grid location.

The samples were assayed by Acme Analytical Laboratories in Vancouver, B.C. The assays were for Au, As, Ag, Cu, Mo, Pb, Zn, Cd, Sb, Ni and Co. The assay certificates follow after the statistical analyses. The assays are plotted on the plans and enclosed in the report following the statistical analysis.

STATISTICAL ANALYSIS

ELEMENT	ASSAY RANGE		NO. OF SAMPLES
Gold	B.G.	0.005	54
	Threshold		
	Anomalous	.015-.035	2
Arsenic	B.G.	0-6	56
	Threshold	7-9	
	Anomalous	10-20	
Silver	B.G.	.1	56
	Threshold	.2	
	Anomalous	.3-.5	
Lead	B.G.	0-9	56
	Threshold	10-14	
	Anomalous	19	
Zinc	B.G.	0-79	47
	Threshold	80-99	8
	Anomalous	100-149	1
Copper	B.G.	1-19	56
	Threshold	20-30	
	Anomalous	31-40	
Molybdenum	B.G.	0-1	53
	Threshold	2-3	3
Nickel	B.G.	0-19	56
	Threshold	10-14	
	Anomalous	15-35	

COST BREAKDOWN

Maurice Amendolagine	21-24 August/81 4 days @ $150	$ 600.00
Rob Ferraro	4-23 August/81 20 days @ $100/day	2,000.00
Steve Leung	4-24 August/81 21 days @ $100/day	2,100.00
	43 man days	$ 4,700.00

SURVEY CREW

Transportation, 4 x 4 transportation and fuel	$ 714.00
Room and Board, 43 man days	1,552.28
Assay	274.40
Communication, Supplies and Miscellaneous	184.00
Draft - Typing - Prints	1,065.00
Reports	1,600.00
Geology Report	2,000.00
Western Geophysical Aero Data	2,500.00
	$ 14,589.68

APPENDIX I

GEOLOGY

The geologic formations of the property are the Triassic Nicola rock formations.

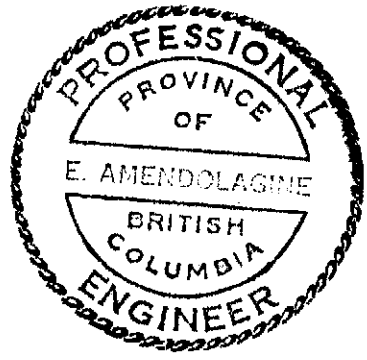
The Jurassic Coast Intrusives and the peridotite, pyroxenites and gabbros lie to the south and east of the property.

The geologic mapping was conducted under my supervision by D.C. Olson, geologist.

His report and map follows.

Respectively submitted,

E. Amendolagine, P.Eng.



February 1, 1982

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone:253 - 3158

To: Manny Consultants Ltd.,
4550 Harriet St.,
Vancouver, B.C.
V5V 4K5

File No. 81-1197
Type of Samples Soils
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Project : JA

SAMPLE No.		Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Cd	Sb	Au	
NBL	1+50W	1	6	5	52	.1	4	3	2	1	2	.005	1
	3+00	1	6	4	90	.1	4	3	2	1	2	.005	2
	4+50	1	10	7	140	.1	6	3	4	1	2	.005	3
	6+00	1	5	5	91	.1	5	3	3	1	2	.005	4
	7+50	1	6	4	42	.1	4	3	2	1	2	.005	5
	9+00	1	6	4	42	.1	4	2	2	1	2	.005	6
	10+50	1	5	6	47	.1	5	3	2	1	2	.030	7
	12+00	1	3	6	46	.1	2	2	2	1	2	.005	8
	13+50	2	7	4	30	.1	3	2	2	1	2	.005	9
	15+00	1	4	5	81	.1	3	2	2	1	2	.005	10
	16+50	1	4	6	89	.1	4	2	3	1	2	.005	11
	18+00	1	4	5	70	.1	4	3	2	1	2	.005	12
	19+50	1	4	5	29	.1	3	2	2	1	2	.005	13
NBL	21+00W	1	17	6	24	.1	8	4	2	1	2	.005	14
													15
WTL	1+50N	1	8	8	54	.1	8	4	4	1	2	.005	16
	3+00	1	5	6	54	.1	6	3	2	1	2	.005	17
	4+50	2	3	3	21	.1	3	2	2	1	2	.005	18
	6+00	1	5	5	30	.1	5	3	2	1	2	.005	19
	7+50	1	7	5	71	.1	8	4	4	1	2	.005	20
	9+00	1	5	7	27	.1	8	4	2	1	2	.005	21
	10+50	1	5	6	25	.1	6	3	3	1	2	.005	22
	12+00 N.S.												23
	13+50	1	6	9	86	.1	7	3	2	1	2	.005	24
	15+00	1	5	5	29	.1	3	2	2	1	2	.005	25
	16+50	1	7	4	59	.1	7	4	2	1	2	.005	26
													27
1+50S	1+50W	1	7	4	70	.1	5	3	2	1	2	.005	28
	3+00	1	5	3	26	.1	4	3	2	1	2	.005	29
	4+50	1	13	5	26	.1	7	5	2	1	2	.005	30
	6+00	1	6	4	52	.1	5	3	2	1	2	.005	31
	7+50	1	5	6	28	.1	3	3	2	1	2	.005	32
	9+00	1	4	4	38	.1	4	3	2	1	2	.005	33
	10+50	1	4	4	50	.1	4	3	2	1	2	.005	34
	12+00	1	11	9	21	.1	4	3	4	1	2	.005	35
	13+50	1	5	6	35	.1	5	3	2	1	2	.005	36
	15+00	1	3	5	46	.1	2	2	2	1	2	.005	37
	16+50	1	3	6	39	.1	3	2	3	1	2	.025	38
	18+00	1	3	3	25	.1	2	1	2	1	2	.005	39
													40

All reports are the confidencial property of clients
All results are in PPM.

DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED Aug. 27, 1981

DATE REPORTS MAILED Sept. 1, 1981

ASSAYER D. Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
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To: Manny Consultants Ltd.,

File No. 81-1197
Type of Samples ---Soils--
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Cd	Sb	Au	
1+50S	19+50W	1	5	8	29	.1	4	2	3	1	2	.005	1
	21+00	1	5	7	56	.1	7	4	2	1	2	.005	2
	22+50	2	3	8	26	.1	4	3	2	1	2	.005	3
1+50S	24+00	1	9	7	51	.1	4	6	2	1	2	.005	4
													5
3+00S	1+50W	1	6	7	83	.1	5	3	2	1	2	.005	6
	3+00	1	13	9	92	.1	6	5	5	1	2	.005	7
	4+50	1	7	7	61	.1	5	3	4	1	2	.005	8
	6+00	1	6	7	51	.1	6	4	2	1	2	.005	9
	7+50	1	7	8	60	.1	8	4	2	1	2	.005	10
	9+00	1	6	6	50	.1	6	3	2	1	2	.005	11
	10+50	1	7	6	83	.1	10	4	3	1	2	.005	12
	12+00	1	4	5	35	.1	5	4	2	1	2	.005	13
	13+50	1	5	5	49	.1	9	3	4	1	2	.005	14
	15+00	1	6	8	59	.1	8	4	3	1	2	.005	15
	16+50	1	4	8	61	.1	7	3	2	1	2	.005	16
	18+00	1	5	6	68	.1	7	4	2	1	2	.005	17
	19+50	1	5	7	28	.1	5	3	2	1	2	.005	18
	21+00	1	5	7	77	.1	7	3	2	1	2	.005	19
	22+50	1	11	5	21	.1	6	3	2	1	2	.005	20
3+00S	24+00	1	16	4	16	.1	4	3	2	1	2	.005	21
													22
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													39
													40

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DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED Aug. 27, 1981

DATE REPORTS MAILED Sept. 1, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

APPENDIX II

GEOLOGY - JA CLAIM

Location: Latitude 49°19'N, Longitude 120°11'W.

The property lies between Whistle and Pettigrew Creeks, south of the Similkameen River, and about 20 km from Hedley. Access to the property is gained from a logging road off Highway 3, about 8 km west of Hedley.

The main access road cuts through the SE corner, while another road follows Whistle Creek across the NW sector and south along the property boundary. A secondary road cuts through the property from north to south.

From the SE corner the topography rises sharply to the access road and continues to rise to a ridge where it slopes gently to the west and into Whistle Creek where it rises again to a ridge of hills off the western boundary of the claims. This area is entirely covered by overburden with only a few outcrops of argillite appearing along the road cut and higher up on the hillside. Argillite also appears on the northwestern portion. A few surface boulders displayed interesting features suggesting an igneous-sedimentary contact.

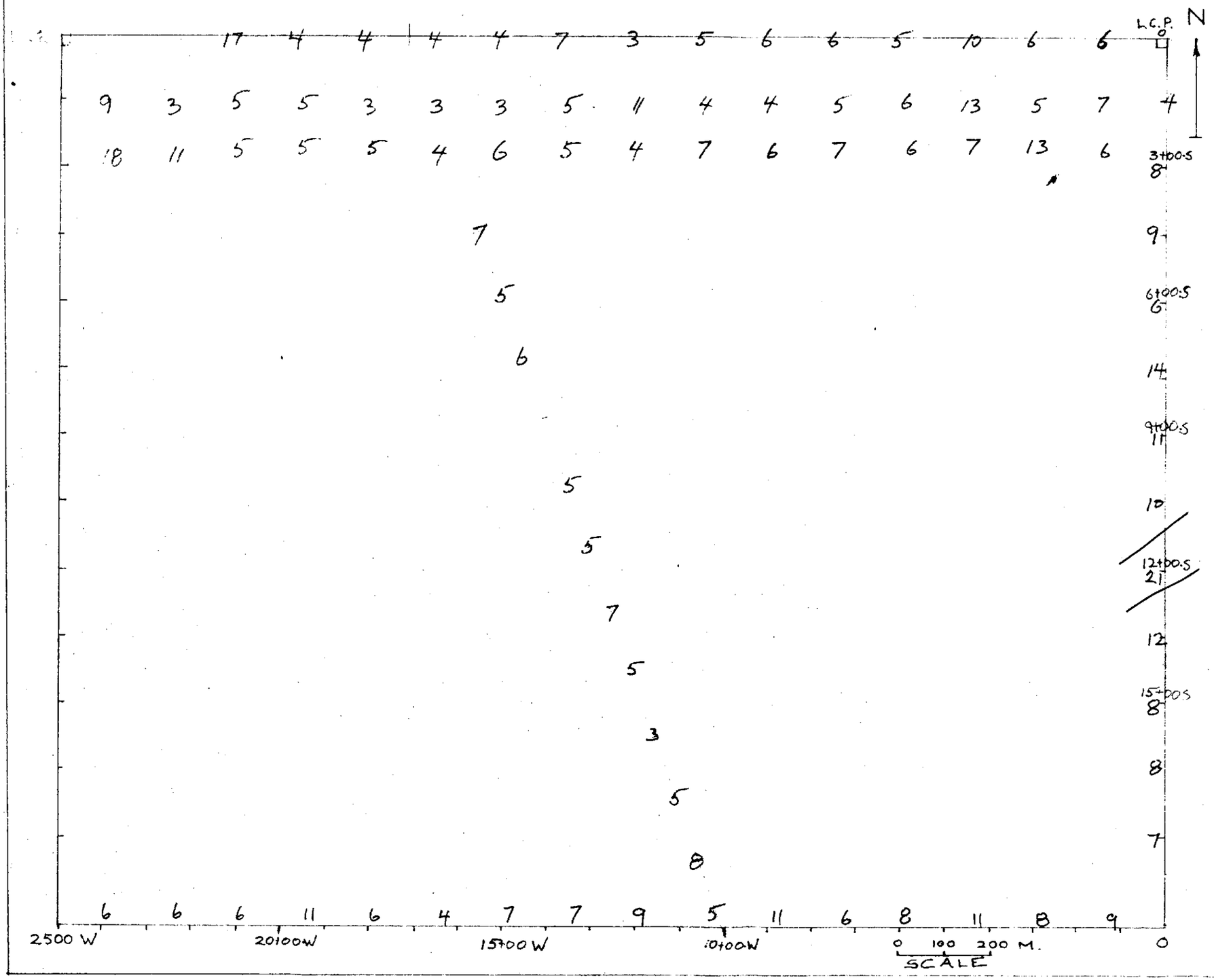
Immediately to the south and to the east lie igneous granite and gabbro intrusions; however,none were observed here.

D.C. Olson

GEOLOGY BY: D.C. Olson

APPENDIX III

Part 1 of 2



LEGEND

CONTOUR INTERVAL

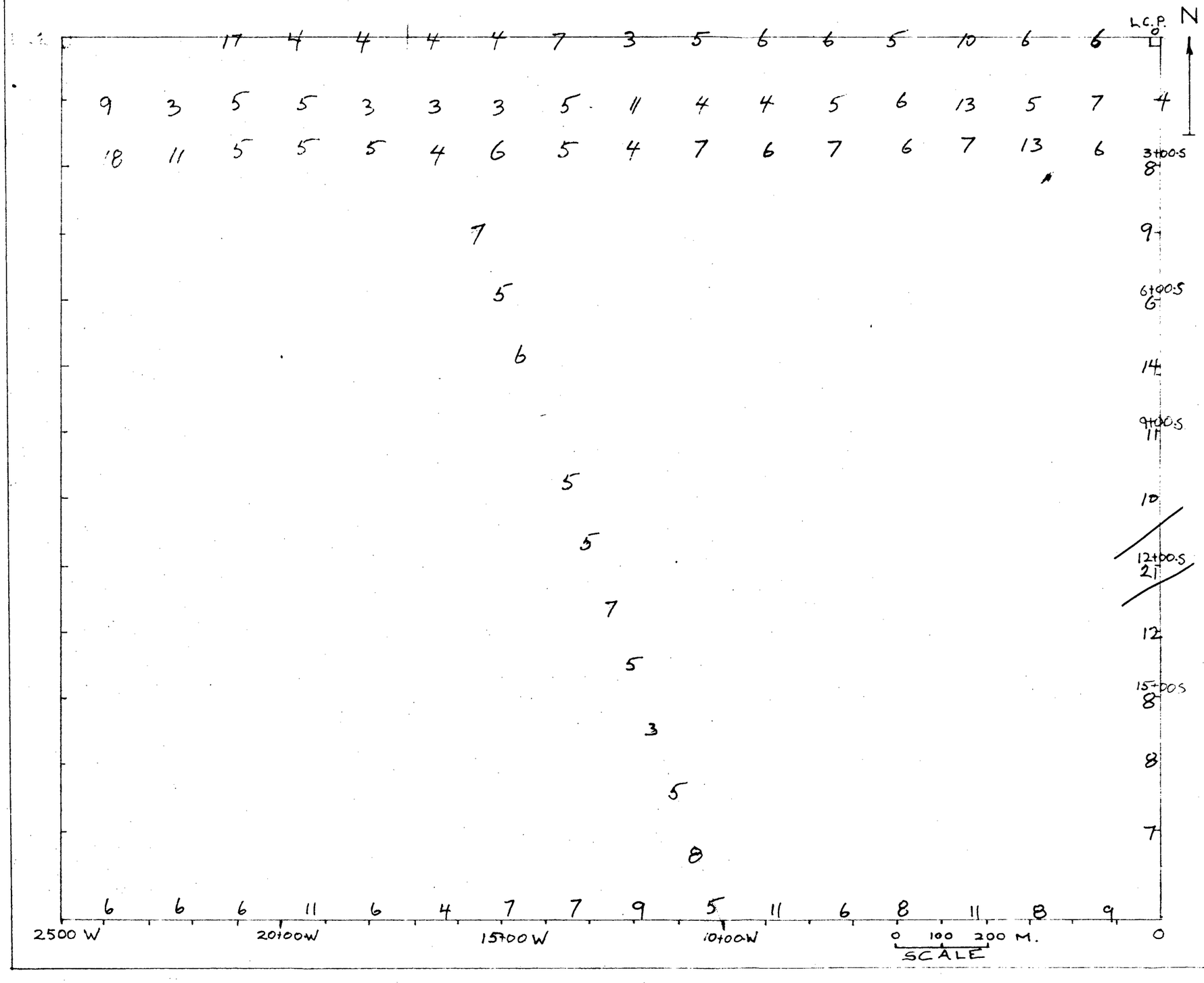
20 ppm

GEOCHEMICAL SURVEY

Cu ppm

BERLE OIL CORPORATION
JA CLAIM (20)
Similkameen Mining Division
NTS 92H/8
49°18' N. Lat. 120°12' W. Long.

Part 1 of 2



LEGEND

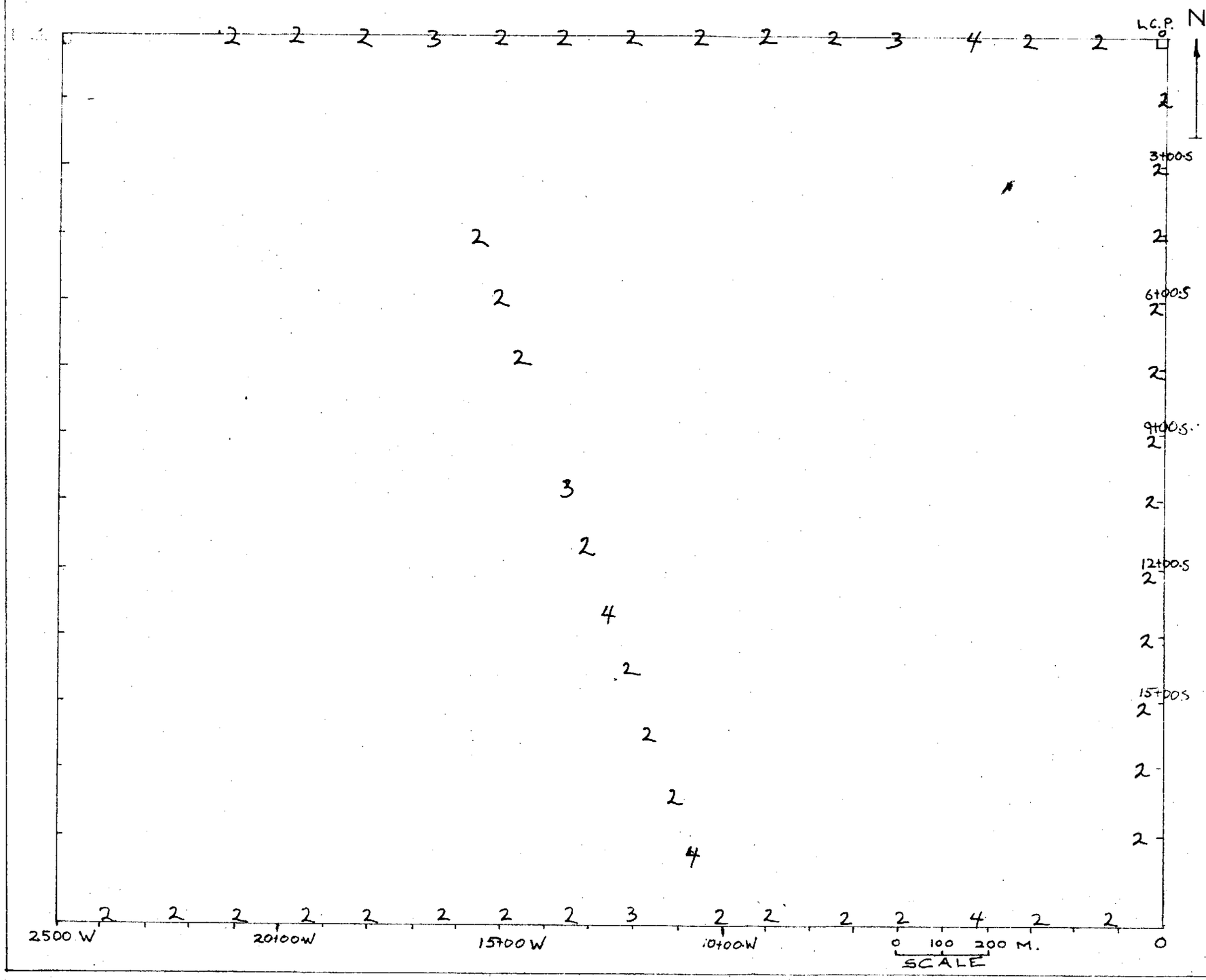
CONTOUR INTERVAL

20 ppm

GEOCHEMICAL SURVEY

Cu ppm

BERLE OIL CORPORATION
JA CLAIM (20)
Similkameen Mining Division
NTS 92H/8
49°18' N. Lat. 120°12' W. Long.



part 1 of 2

LEGEND

CONTOUR INTERVAL

8 ppm

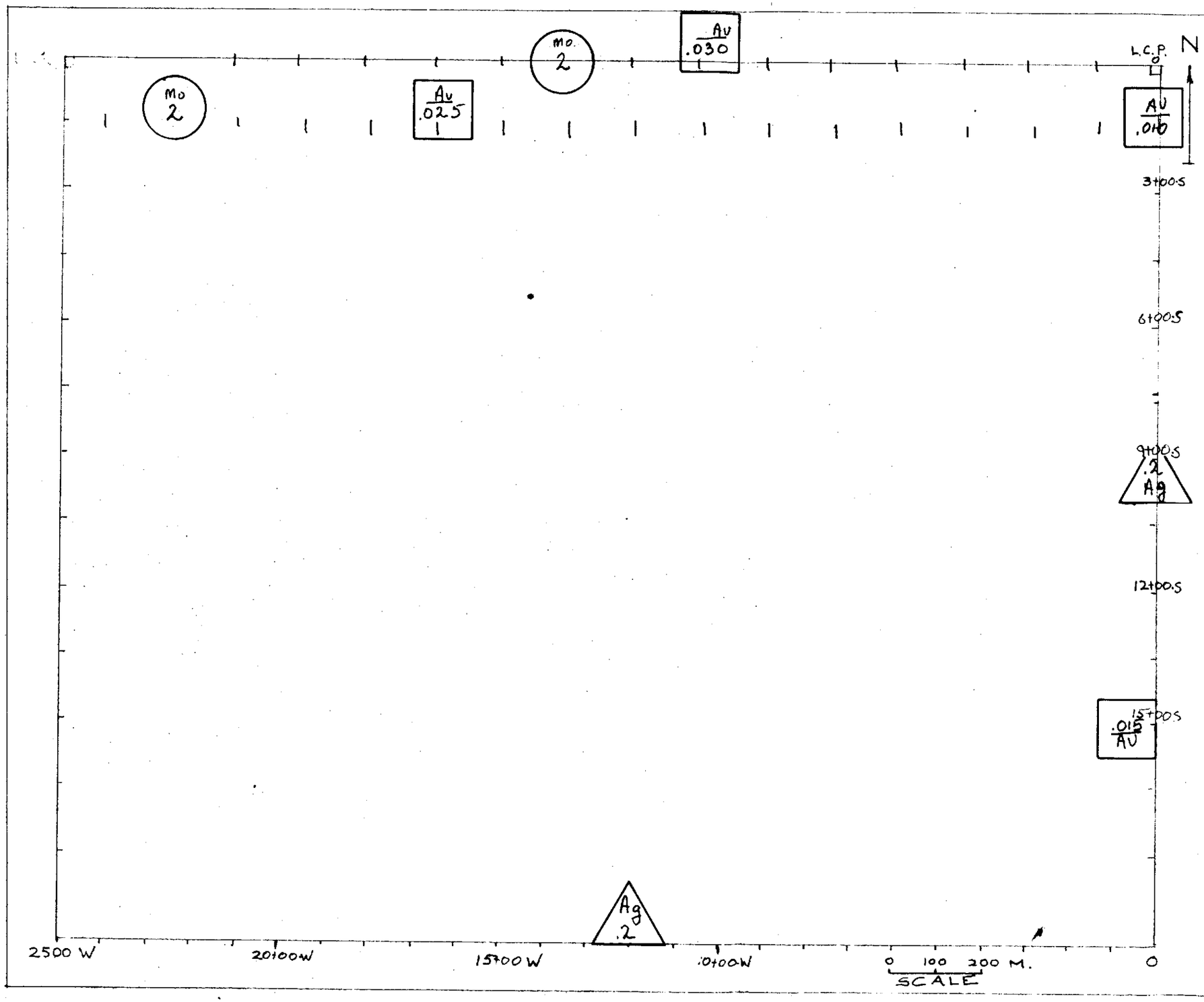
10 ppm

GEOCHEMICAL SURVEY

As ppm

BERLE OIL CORPORATION
JA CLAIM (20)
Similkameen Mining Division
NTS 92H/8
49°18' N. Lat. 120°12' W. Long.

part 1 of 2



LEGEND

Mo

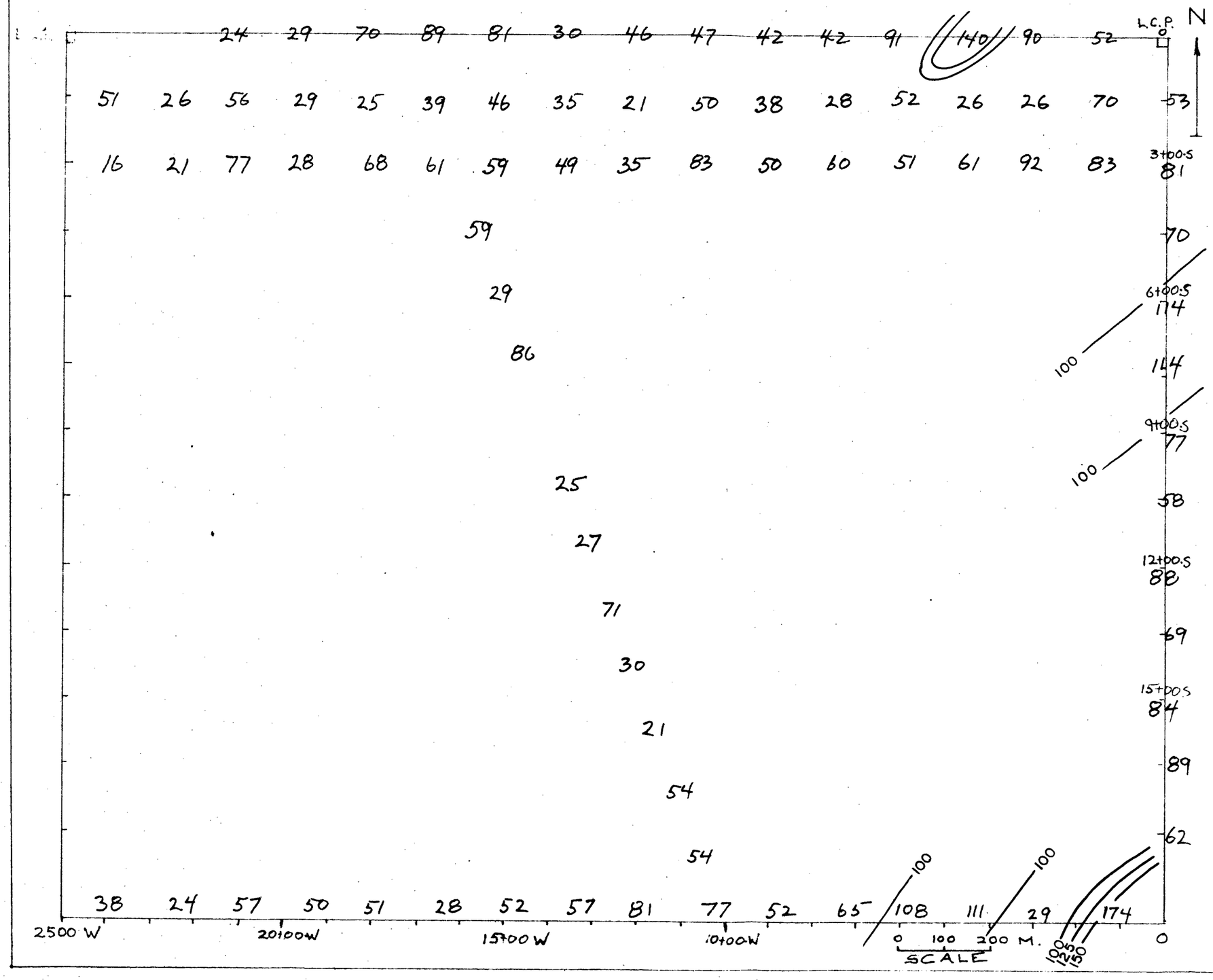
Au

Ag

GEOCHEMICAL SURVEY

Mo, Au, Ag ppm

BERLE OIL CORPORATION
JA CLAIM (20)
Similkameen Mining Division
NTS 92H/8
49°18' N. Lat. 120°12' W. Long.



part 1 of 2

LEGEND

CONTOUR INTERVAL

100 ppm

125 ppm

150 ppm

GEOCHEMICAL SURVEY

Zn ppm

BERLE OIL CORPORATION
JA CLAIM (20)
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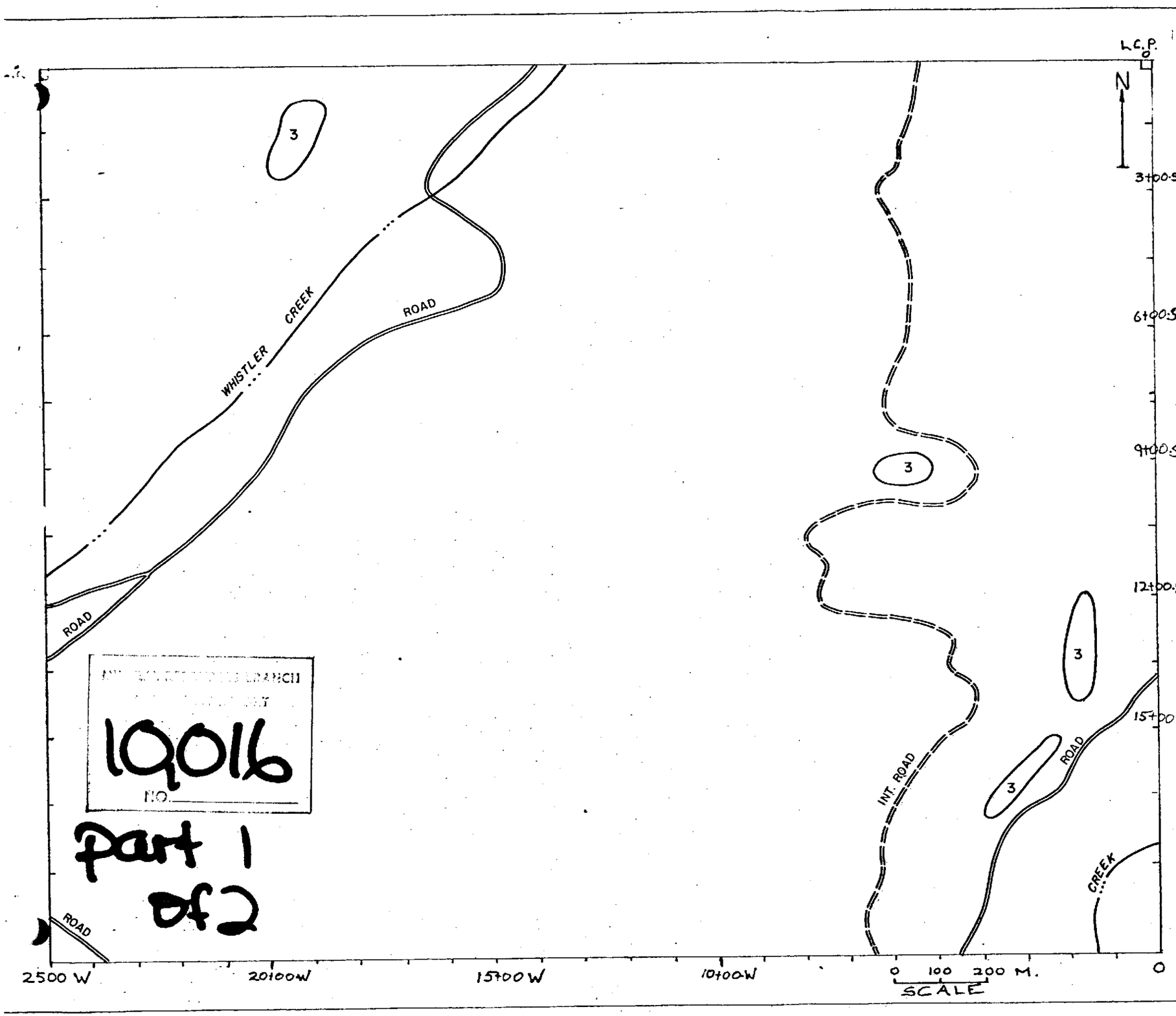

LEGEND

CRETACEOUS

LOWER CRETACEOUS

KINGSVALE GROUP

12a-b,13 — 12a, *mainly volcanic breccia*; 12b, *mainly andesite and basalt porphyry*
13, *Andesite and basalt porphyry and volcanic breccia*

SPENCE BRIDGE GROUP

10 — *Hard, reddisn andesite and basalt*

JURASSIC (?) AND CRETACEOUS

UPPER JURASSIC (?) AND LOWER CRETACEOUS

DEWDNEY CREEK GROUP

9 — *Tuff, volcanic breccia, grit, argillite; 9a, mainly conglomerate*

JURASSIC OR LATER

8 — *COPPER MOUNTAIN INTRUSIONS: syenogabbro, augite diorite, pegmatite*

5,6,7 — *COAST INTRUSIONS: 5, grey, slightly gneissic granodiorite; 6, mainly reddish, coarse-grained, siliceous granite and granodiorite; 7, light coloured granodiorite, quartz diorite, and gabbro*

4 — *Peridotite, pyroxenite, gabbro*

TRIASSIC

UPPER TRIASSIC

NICOLA GROUP

3 — *Varicoloured lava; argillite, tuff, limestone; chlorite and sericite schist*

CARBONIFEROUS OR LATER

2 — *BRADSHAW, INDEPENDENCE, SHOEMAKER, and OLD TOM FORMATIONS: cherty and slaty argillite, green andesite, limestone; quartz-mica schist and gneiss*

HOZAMEEN GROUP

1 — *Chert, green andesite, limestone*

GEOLOGY

BERLE OIL CORPORATION
JA CLAIM (20)
Similkameen Mining Division
NTS 92H/8
49°18' N. Lat. 120°12' W. Long.