

84-1319-13283
9/85

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,283

**GEOLOGICAL AND GEOCHEMICAL SURVEY REPORT
ON THE
MOD, MB2, MB3 and MB5
MINERAL CLAIMS
UZTLIUS CREEK, BOSTON BAR AREA
NEW WESTMINSTER MINING DIVISION**

**NTS 92H/14W
LATITUDE 49° 48.5'N LONGITUDE 121° 18' W**

OWNERS: K. W. Livingstone
 J. S. Christie

OPERATOR: Nicola Prospecting & Mining Syndicate
 1368 West 50th Avenue
 Vancouver, B.C. V6P 1B5

FIELD WORK PERIOD: June 15 to September 15, 1984

WRITTEN BY: John R. Bellamy
 Senior Geologist

DATE OF REPORT: December 15, 1984

TABLE OF CONTENTS

	<u>PAGE</u>
SECTION A	SUMMARY OF WORK
Introduction.....	Page 1
Location and Access.....	Page 1
Mineral Title.....	Page 2
History.....	Page 2
Geology.....	Page 3
- Regional Geology	
- Property Geology	
- Rock Types	
- North Zone	
- South Zone	
Rock Geochemical Survey.....	Page 4
Soil Geochemical Sampling.....	Page 6
- Sample Treatment	
- Geochemistry Results	
Conclusion and Recommendations.....	Page 7

SECTION B STATEMENT OF EXPENDITURES

SECTION C STATEMENT OF QUALIFICATIONS - John R. Bellamy

SECTION D LABORATORY REPORTS

SECTION E ILLUSTRATIONS

<u>Drawing No.</u>	<u>Title</u>	<u>Scale</u>
MB-84-1	Location Plan	1: 2 000 000
MB-84-2	Claim Plan	1: 50 000
MB-84-3	Geology & Geochemical Plan	1: 5 000

SECTION A

SECTION A

SUMMARY OF WORK

INTRODUCTION:

The Mod Bar Cu-Au-Mo property consisting of 53 claim units is located some 11 km southeast of Boston Bar in the Cascade Mountains. The claims are owned or controlled by Mr. K.W. Livingstone and Mr. J.S. Christie of Vancouver.

In June 1984, the Nicola Prospecting and Mining Syndicate undertook to carry out a program of geological mapping and geochemical sampling in order to assess the gold potential of the property.

LOCATION AND ACCESS:

The Mod Bar property is located 11 km southeast of Boston Bar, B.C. in the New Westminster Mining Division. The property lies south of Uztlius Creek, at elevations 750 to 1070 meters. The claim group is accessible by logging roads leading east out of Boston Bar, or east from the Alexandra Bridge. Clear cut logging is in progress over the newly staked eastern portion of the claim group and new logging roads are being constructed.

The property location is shown on drawing nos. MB-84-1 and MB-82-2 which are appended in Section E.

MINERAL TITLE

The property is comprised of eight (8) mineral claims totalling 53 units, all being located in the New Westminster Mining Division. A listing of these minerals claims is set out below:

<u>CLAIM</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>RECORD DATE</u>	<u>EXPIRY DATE</u> (Prior to Assessment Filing)	<u>RECORDED OWNER</u>
DUC 19	1	29716 R	Dec. 20, 1974	Dec. 20, 1984	D.U. Christie
MB 2	6	543 (8)	Aug. 08, 1979	Aug. 08, 1984	K.W. Livingstone
ERNIE	4	1244 (5)	May 20, 1981	May 20, 1985	K.W. Livingstone
MB 3	4	1397 (9)	Sep. 23, 1981	Sep. 23, 1984	K.W. Livingstone
MB 4	6	1436 (9)	Sep. 23, 1981	Sep. 23, 1984	K.W. Livingstone
SYD	4	1437 (9)	Sep. 23, 1981	Sep. 23, 1984	K.W. Livingstone
MOD	20	2228 (9)	Sep. 06, 1983	Sep. 06, 1984	J.S. Christie
MB 5	8	2489 (8)	Aug. 15, 1984	Aug. 15, 1985	J.S. Christie
	<u>53</u>				

These mineral claims are shown on drawing MB-84-2 which is appended in Section E.

HISTORY:

- August 1969 - Property originally staked as the Mod-Bar group south of Uztlius Creek, first with 70 claims then expanded to 277 claims.
- 1975 - Quintana Minerals Corp., staked the CUC 1-24 group and carried out a geological mapping program. Previously five diamond drill holes totalling 1732.5 feet were drilling under the supervision of J.H. Montgomery, P. Eng.
- 1979 - Utah Mines Ltd. using JMT Services conducted a reconnaissance geochemical soil and rock sampling program over the property. Cu and Mo anomalies were located.
- 1982 - JMT Services extended the 1981 soil grid and collected 54 soil samples which were run for Cu and Mo.

GEOLOGY:

Regional Geology:

The regional geology for the area is published as G.S.C. Map 12-1969 "Hope" (sheet 92H West Half). The eastern side of the claims are underlain by Eagle granodiorite of Upper Jurassic age which is in probable fault contact with the Jackass Mountain Group. The Spences Bridge Group (predominantly acid to intermediate volcanics) and the Kingsvale (mafic to intermediate flows and sediments) are approximately time equivalent groups which are mapped east and north of Uztlius Creek.

Property Geology:

The claim group is underlain by a sequence of intermediate to acid volcanic rocks spatially located between the Jackass Mountain Group conglomerates on the west and Eagle Granodiorite stock to the east. To the south a variety of intrusive rock types cut sediments which have been selectively hornfelsed. Young sediments with fragments of rhyolite, hornfelsed sediments and tuffs intrude hornfels adjacent to a weakly mineralized granodiorite stock.

Rock Types:

Eagle Granodiorite - the granodiorite is gray, weakly foliated equalgranular with gneissic varieties showing weak pervasive chlorite alternation of the biotites.

Jackass Mountain Group - represented by conglomerates composed of dark massive greywacke with local slabs and pebbles of black argillite and greywacke.

Volcanics - the core of the claims are underlain by rhyolites, dacite porphyries and rhyolite tuffs in contact to the west with a belt of carbonaceous tuff, conglomerates and rhyolite tuff.

North Zone:

The North Zone is underlain by a quartz eye porphyritic rhyolite lying between a black tuff and the Eagle Granodiorite. Relic flow banding give an apparent attitude of N40°E with a dip of 10°SE. Pyrite is abundant where fracturing is most intense and narrow sericite envelopes are often developed on the pyrite infilled fractures. Several feldspar porphyry dykes of monzonite composition intrude the rhyolite flows and contain 2-5% disseminated and fracture pyrite with a trace of chalcopyrite. A small breccia pipe with the rhyolite porphyry carries 1% fracture pyrite within sericitic envelopes.

South Zone:

The South Zone straddles the contact between a hornfelsed siltstone or tuffaceous siltstone and the porphyritic rhyolite. Fracture controlled pyrite in the hornfels, increases to 5 - 10% adjacent the rhyolite contact. A breccia pipe some 200 feet in diameter occurs within the rhyolite and contains 5-10% pyrite as both fracture filling and disseminations. Phyllic alteration is extensive within the breccia pipe and the adjacent 200 ft. of rhyolite to the east. Feldspar porphyry dikes of monzonite composition intrude the rhyolite and hornfels and generally contain disseminated pyrite in the hornblende laths.

ROCK GEOCHEMICAL SURVEY:

In June 1984, the writer visited the North Zone and sampled rock exposures revealed in the shoulders of old mining roads located along the ridge south of Uztlius Creek. The roads cross cut the contact of a leucocratic quartz eye rhyolite porphyry and the western margin of the Eagle granodiorite. Past soil sampling by previous claim owners indicated areas of above background molybdenum values in the rhyolite rock units. Minor quartz veining was observed but not previously sampled for gold or silver.

Eight multiple rock chip samples were collected from selected exposures along the old mining roads and were sent to Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B.C. The sample sites were selected from zones of stronger quartz stockwork veining, silicification, alteration and sulphide mineralization. Multiple chip samples from fresh rock exposures were taken at each sample site. The samples were prepared by Chemex Labs with silver geochemical values being measured by atomic absorption after an aqua regia digestion. The gold values were obtained by conventional fire assay with an atomic absorption finish.

The description of the samples whose location is shown on drawing no. MB-84-3 is as follows:

Sample Number

Description

MB #1

A 2 cm bull quartz vein striking N 62° E and dipping 40° SE cuts a massive leucocratic quartz eye rhyolite porphyry.

- MB #2 Taken at the contact with the Eagle granodiorite this sample is of silicified and pyritized, sericite altered very fine grained altered rhyolite.
- MB #3 Grab samples from a road trench cutting silicified and pyrite flooded (approximately 4%) rhyolite porphyry.
- MB #4 Multiple chip of a leucocratic, silicified quartz eye rhyolite porphyry. Minor specular hematite and pyrite veining observed. The rhyolite was cut by a fine quartz stockwork.
- MB #5 Multiple chip of a 1 cm open fracture containing fine crystals of pyrite and specular hematite. The wall rock is unaltered quartz rhyolite porphyry with minor quartz veinlets.
- MB #6 Multiple chip of unaltered quartz rhyolite porphyry cut by a fine stockwork of tight quartz pyrite veinlets.
- MB #7 A border phase of leucocratic quartz eye latite which has been tectonically brecciated and micro shattered. Rock contains open fractures and fine disseminated pyrite (3%).
- MB #8 Sample from a trench which exposes leucocratic unaltered quartz rhyolite porphyry which has been quartz veined and contains quartz pyrite healed fractures.

The gold and silver values for the above rock geochemical samples are appended in Section D.

SOIL GEOCHEMICAL SAMPLING:

In August 1984 a soil geochemical sampling program was conducted over claims in the east central portion of the claim group. The program was contracted out to JMT Services Corp., of Vancouver, who supervised the sample collection.

Samples were collected on a grid tied into intermediate claim posts on the MB #5 and Mod claim groups. Samples were taken every 50 meters on east-west lines spaced 100 meters apart. Control tie lines were run on a 500 meter spacing. The soil samples were collected about 5-20 cm in depth from the interface between the organic A and B horizon. Organic residue from the A horizon was removed from the samples before bagging. Three hundred and eighty-two (382) samples were collected on 18,900 meters of grid line.

Sample Treatment

The soil samples were collected in Kraft bags and dried. A portion of the 80 mesh size was digested with a solution of nitric-perchloric acids. The copper and gold values were measured by atomic absorption. The geochemical assays were done by Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B.C.

Geochemistry Results

Copper - Copper values range up to 275 ppm. Background is approximately 30 to 50 ppm. Those values over 200 ppm are considered anomalous. The 1984 copper soil survey contained only a few anomalous copper values which were not contiguous. The area appears to have a low copper background with little evidence of anomalous concentrations of copper.


Gold - Gold values range up to 93 ppb. Background values are less than 2 ppb. Those values over 10 ppb are considered anomalous. Spot anomalous gold geochemical values occur throughout the grid sampling and further follow up is necessary to assess their importance.

CONCLUSIONS AND RECOMMENDATIONS

In the North Zone on the ridge just south of Uztlius Creek, the sampling of the quartz veins cutting the quartz-eye porphyritic rhyolites adjacent the Eagle granodiorite stock indicates the veins have little precious metal potential. The area is slightly anomalous in copper and molybdenum (see 1982 Geochemical Report on the Mod Bar Property by J.S. Christie), but economic concentrations of these metals have not been found in bedrock.

On the MB #5 claim the copper values are low with only a few spot highs. No consistent anomaly is indicated. The anomalous gold values are also widely distributed, but their significance can only be assessed by further detailed soil and rock sampling and geologic mapping.

Respectfully Submitted



John R. Bellamy
Senior Geologist

SECTION B

SECTION B

STATEMENT OF EXPENDITURES

Field Work Period - June 15 to September 15, 1984

Personnel:

J.R. Bellamy	Geologist	- 5 days @ \$250.00	=	\$1,250.00
G.G. Richards	Geologist	- 1 day @ \$250.00	=	250.00
J.S. Christie	Geologist	- 2 days @ \$250.00	=	500.00
D. Bennett	Field Technician	- 6.5 days @ \$200.00	=	1,300.00
J. Vezina	Field Assistant	- 8.5 days @ \$150.00	=	<u>1,275.00</u>
				\$4,575.00

Accommodation and Meals:

J.R. Bellamy	- 2 days @ \$40.00	=	\$ 80.00
J.S. Christie	- 2 days @ 40.00	=	80.00
D. Bennett	- 6 days @ \$40.00	=	240.00
J. Vezina	- 8 days @ \$40.00	=	<u>320.00</u>
			\$ 720.00

Vehicle Rental:

Toyota 4WD Land Cruiser	- 430 km @ \$.26	=	\$ 111.80
4WD Pickup	- 6 days @ \$40.00	=	240.00
	- 570 km @ \$.18	=	102.60
4WD Suburban	- 2 days @ \$40.00	=	80.00
	- 577 km @ \$.13	=	<u>75.01</u>
			\$ 609.41

Field Supplies:

\$ 329.43

Analytical:

Chemex Labs	- 8 rock Geochem	=	\$ 77.40
	- 2 rock Geochem	=	19.35
	- 380 soil Geochem	=	<u>3,060.90</u>
			\$3,157.65

Drafting and Report Preparation:

\$ 500.00

TOTAL EXPENDITURES

\$9,891.49

SECTION C

SECTION C

STATEMENT OF QUALIFICATIONS


I, John R. Bellamy, B.Sc., Geology, of 207-1898 Balsam Street, Vancouver, B.C., V6K 3M4, state as follows:

1. That I graduated from the University of Calgary in 1970 with a Bachelor of Science Degree in Geology.
2. That I have prospected and actively pursued geology prior to my graduation and have practiced by profession since 1970 as follows:

1981-1984	Senior Geologist E & B Explorations Inc. Vancouver, British Columbia
1978-1981	Chief Geologist Bethlehem Copper Corporation Vancouver, British Columbia
1971-1978	Project Geologist Bethlehem Copper Corporation Vancouver, British Columbia
1970-1971	Junior Geologist Cominco Ltd. Vancouver, British Columbia
1968-1969	Prospecting and Geological Surveys Summer Student Employment

3. That I am presently employed as a Senior Geologist with E & B Explorations Inc., 1440 - 800 West Pender Street, Vancouver, B.C. V6C 2V6.

Respectfully Submitted



John R. Bellamy
Senior Geologist

SECTION D



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : NICOLA PROSPECTING & MINING SYNDICATE

CERT. # : A8412575-001-A
INVOICE # : I8412575
DATE : 22-JUN-84
P.O. # : NONE
ELDEN 1523-MOD BAR

1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

ATTN: BRIAN KYNOCH

Sample description	Prep code	Ag ppm Aqua R	Au ppb FA+AA				
MB #1	205	0.7	<5	--	--	--	--
MB #2	205	0.1	<5	--	--	--	--
MB #3	205	0.1	10	--	--	--	--
MB #4	205	0.1	10	--	--	--	--
MB #5	205	0.1	<5	--	--	--	--
MB #6	205	0.1	10	--	--	--	--
MB #7	205	0.2	45	--	--	--	--
MB #8	205	0.1	5	--	--	--	--

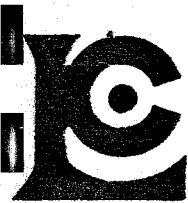
John Belbamy's sampling

Hart Bichler

Certified by



MEMBER
CANADIAN TESTING
ASSOCIATION



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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone: (604) 984-0221
Telex: 043-52597

*** INVOICE ***

To : NICOLA PROSPECTING & MINING SYNDICATE

Invoice # : 18416315

1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

Date : 1-OCT-84
P.O. # : NONE
Project MOD BAR

Invoice for analytical work reported on certificate(s) A8416315-001

Quantity	code	description	Analysed for	unit price	amount
2	002 - Cu		ppm		
	101 - Au NAA		ppb	8.25	16.50

Sample preparation and other charges :

2	205 - Rock geochem - RING			2.50	5.00
---	---------------------------	--	--	------	------

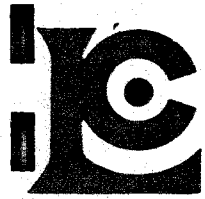
TOTAL	\$	21.50
Discount (10 %)	\$	2.15

Please pay this amount ----> \$ 19.35
=====

TERMS -- NET 30 DAYS

5 % per month (18 % per annum) charged on overdue accounts





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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
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Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : NICOLA PROSPECTING & MINING SYNDICATE
1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416315-001-A
INVOICE # : 18416315
DATE : 1-OCT-84
P.O. # : NONE
MOD BAR

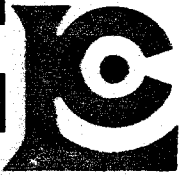
ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84D 1411	205	5	<1	--	--	--	--
84D 1414	205	5	2	--	--	--	--

Hart Bichler

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Telex: 043-52597

*** INVOICE ***

To : NICOLA PROSPECTING & MINING SYNDICATE

1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

Invoice # : 18416317

Date : 1-OCT-84
P.O. # : NONE
Project MOD BAR

Invoice for analytical work reported on certificate(s) A8416317-001 to -005

Quantity	Analysed for code description	unit price	amount
180	002 - Cu ppm		
	101 - Au NAA ppb	8.25	1485.00
Sample preparation and other charges :			
180	201 - soil + sediment -80 mesh	0.70	126.00

TOTAL \$ 1611.00
Discount (10 %) \$ 161.10

Please pay this amount ----> \$ 1449.90
=====

TERMS -- NET 30 DAYS
1.5 % per month (18 % per annum) charged on overdue accounts





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1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416317-001-A
INVOICE # : I8416317
DATE : 1-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84V 1127	201	37	<1	--	--	--	--
84V 1128	201	14	<1	--	--	--	--
84V 1129	201	22	4	--	--	--	--
84V 1130	201	27	<1	--	--	--	--
84V 1131	201	20	<1	--	--	--	--
84V 1132	201	33	<1	--	--	--	--
84V 1133	201	27	<1	--	--	--	--
84V 1134	201	14	<1	--	--	--	--
84V 1135	201	21	2	--	--	--	--
84V 1136	201	27	4	--	--	--	--
84V 1137	201	24	12	--	--	--	--
84V 1138	201	20	<1	--	--	--	--
84V 1139	201	5	<1	--	--	--	--
84V 1140	201	28	<1	--	--	--	--
84V 1141	201	30	17	--	--	--	--
84V 1142	201	7	<1	--	--	--	--
84V 1143	201	8	<1	--	--	--	--
84V 1144	201	4	<1	--	--	--	--
84V 1145	201	5	<1	--	--	--	--
84V 1146	201	5	<1	--	--	--	--
84V 1147	201	8	<1	--	--	--	--
84V 1148	201	10	<1	--	--	--	--
84V 1149	201	8	<1	--	--	--	--
84V 1150	201	7	<1	--	--	--	--
84V 1151	201	16	2	--	--	--	--
84V 1152	201	31	20	--	--	--	--
84V 1153	201	21	<1	--	--	--	--
84V 1154	201	22	3	--	--	--	--
84V 1155	201	19	<1	--	--	--	--
84V 1156	201	18	3	--	--	--	--
84V 1157	201	29	<1	--	--	--	--
84V 1158	201	30	<1	--	--	--	--
84V 1159	201	14	<1	--	--	--	--
84V 1160	201	13	2	--	--	--	--
84V 1161	201	31	6	--	--	--	--
84V 1162	201	21	8	--	--	--	--
84V 1163	201	19	2	--	--	--	--
84V 1164	201	15	1	--	--	--	--
84V 1165	201	21	7	--	--	--	--
84V 1166	201	18	93	--	--	--	--

Certified by *Hart Bichler*





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TO : NICOLA PROSPECTING & MINING SYNDICATE

1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416317-002-A

INVOICE # : I8416317

DATE : 1-OCT-84

P.O. # : NONE

MOD BAR

ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84V 1167	201	24	2	---	---	---	---
84V 1168	201	15	<1	---	---	---	---
84V 1169	201	17	<1	---	---	---	---
84V 1170	201	12	<1	---	---	---	---
84V 1171	201	14	<1	---	---	---	---
84V 1172	201	32	<1	---	---	---	---
84V 1173	201	27	<1	---	---	---	---
84V 1174	201	27	<1	---	---	---	---
84V 1175	201	34	3	---	---	---	---
84V 1176	201	19	<1	---	---	---	---
84V 1177	201	9	5	---	---	---	---
84V 1178	201	14	<1	---	---	---	---
84V 1179	201	36	<1	---	---	---	---
84V 1180	201	23	2	---	---	---	---
84V 1181	201	10	1	---	---	---	---
84V 1182	201	20	<1	---	---	---	---
84V 1183	201	16	<1	---	---	---	---
84V 1184	201	12	<1	---	---	---	---
84V 1185	201	5	<1	---	---	---	---
84V 1186	201	4	<1	---	---	---	---
84V 1187	201	4	2	---	---	---	---
84V 1188	201	3	<1	---	---	---	---
84V 1189	201	2	<1	---	---	---	---
84V 1190	201	16	<1	---	---	---	---
84V 1191	201	22	<1	---	---	---	---
84V 1192	201	8	<1	---	---	---	---
84V 1193	201	52	3	---	---	---	---
84V 1194	201	47	<1	---	---	---	---
84V 1195	201	10	1	---	---	---	---
84V 1196	201	14	<1	---	---	---	---
84V 1197	201	8	<1	---	---	---	---
84V 1198	201	14	<1	---	---	---	---
84V 1199	201	18	<1	---	---	---	---
84V 1200	201	13	15	---	---	---	---
84V 1201	201	21	3	---	---	---	---
84V 1202	201	19	<1	---	---	---	---
84V 1203	201	25	2	---	---	---	---
84V 1204	201	16	<1	---	---	---	---
84V 1205	201	11	1	---	---	---	---
84V 1206	201	8	<1	---	---	---	---

Certified by *Hart Bichler*





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CERTIFICATE OF ANALYSIS

TO : NICOLA PROSPECTING & MINING SYNDICATE
1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416317-003-A
INVOICE # : I8416317
DATE : 1-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84V 1207	201	8	<1	--	--	--	--
84V 1208	201	17	<1	--	--	--	--
84V 1209	201	14	<1	--	--	--	--
84V 1210	201	3	<1	--	--	--	--
84V 1211	201	8	<1	--	--	--	--
84V 1212	201	5	<1	--	--	--	--
84V 1213	201	7	<1	--	--	--	--
84V 1214	201	6	<1	--	--	--	--
84V 1215	201	7	<1	--	--	--	--
84V 1216	201	6	<1	--	--	--	--
84V 1217	201	8	<1	--	--	--	--
84V 1218	201	3	<1	--	--	--	--
84V 1219	201	6	<1	--	--	--	--
84V 1220	201	4	<1	--	--	--	--
84V 1221	201	8	<1	--	--	--	--
84V 1222	201	7	<1	--	--	--	--
84V 1223	201	31	<1	--	--	--	--
84V 1224	201	28	<1	--	--	--	--
84V 1225	201	24	<1	--	--	--	--
84V 1226	201	40	<1	--	--	--	--
84V 1227	201	61	<1	--	--	--	--
84V 1228	201	29	<1	--	--	--	--
84V 1229	201	28	3	--	--	--	--
84V 1230	201	7	<1	--	--	--	--
84V 1231	201	17	<1	--	--	--	--
84V 1232	201	11	7	--	--	--	--
84V 1233	201	16	4	--	--	--	--
84V 1234	201	29	10	--	--	--	--
84V 1235	201	19	10	--	--	--	--
84V 1236	201	6	<1	--	--	--	--
84V 1237	201	22	<1	--	--	--	--
84V 1238	201	30	<1	--	--	--	--
84V 1239	201	17	<1	--	--	--	--
84V 1240	201	12	<1	--	--	--	--
84V 1241	201	14	<1	--	--	--	--
84V 1242	201	44	<1	--	--	--	--
84V 1243	201	16	<1	--	--	--	--
84V 1244	201	32	1	--	--	--	--
84V 1245	201	63	<1	--	--	--	--
84V 1246	201	8	<1	--	--	--	--

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CERTIFICATE OF ANALYSIS

TO : NICOLA PROSPECTING & MINING SYNDICATE

1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416317-004-A
INVOICE # : I8416317
DATE : 1-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84V 1247	201	6	<1	--	--	--	--
84V 1248	201	20	<1	--	--	--	--
84V 1249	201	10	<1	--	--	--	--
84V 1250	201	3	<1	--	--	--	--
84V 1251	201	4	9	--	--	--	--
84V 1252	201	4	<1	--	--	--	--
84V 1253	201	7	<1	--	--	--	--
84V 1254	201	6	<1	--	--	--	--
84V 1255	201	7	<1	--	--	--	--
84V 1256	201	5	<1	--	--	--	--
84V 1257	201	5	<1	--	--	--	--
84V 1258	201	6	<1	--	--	--	--
84V 1259	201	6	1	--	--	--	--
84V 1260	201	6	<1	--	--	--	--
84V 1261	201	7	<1	--	--	--	--
84V 1262	201	4	<1	--	--	--	--
84V 1263	201	20	<1	--	--	--	--
84V 1264	201	32	<1	--	--	--	--
84V 1265	201	25	<1	--	--	--	--
84V 1266	201	15	<1	--	--	--	--
84V 1267	201	11	<1	--	--	--	--
84V 1268	201	8	<1	--	--	--	--
84V 1269	201	33	<1	--	--	--	--
84V 1270	201	45	<1	--	--	--	--
84V 1271	201	7	<1	--	--	--	--
84V 1272	201	8	<1	--	--	--	--
84V 1273	201	29	<1	--	--	--	--
84V 1274	201	9	<1	--	--	--	--
84V 1275	201	25	<1	--	--	--	--
84V 1276	201	20	<1	--	--	--	--
84V 1277	201	10	<1	--	--	--	--
84V 1278	201	19	5	--	--	--	--
84V 1279	201	29	<1	--	--	--	--
84V 1280	201	11	<1	--	--	--	--
84V 1281	201	9	<1	--	--	--	--
84V 1282	201	16	<1	--	--	--	--
84V 1283	201	16	<1	--	--	--	--
84V 1284	201	18	<1	--	--	--	--
84V 1285	201	16	<1	--	--	--	--
84V 1286	201	8	<1	--	--	--	--

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1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416317-005-A
INVOICE # : 18416317
DATE : 1-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84V 1287	201	6	<1	--	--	--	--
84V 1288	201	6	<1	--	--	--	--
84V 1289	201	7	3	--	--	--	--
84V 1290	201	9	<1	--	--	--	--
84V 1291	201	9	<1	--	--	--	--
84V 1292	201	7	<1	--	--	--	--
84V 1293	201	10	<1	--	--	--	--
84V 1294	201	6	<1	--	--	--	--
84V 1295	201	18	<1	--	--	--	--
84V 1296	201	7	2	--	--	--	--
84V 1297	201	15	<1	--	--	--	--
84V 1298	201	15	2	--	--	--	--
84V 1299	201	22	<1	--	--	--	--
84V 1300	201	42	<1	--	--	--	--
84V 1301	201	11	<1	--	--	--	--
84V 1302	201	17	<1	--	--	--	--
84V 1303	201	14	<1	--	--	--	--
84V 1304	201	22	6	--	--	--	--
84V 1305	201	25	1	--	--	--	--
84V 1306	201	12	2	--	--	--	--

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*** INVOICE ***

To : NICOLA PROSPECTING & MINING SYNDICATE

1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

Invoice # : 18416316

Date : 4-OCT-84
P.O. # : NONE
Project MOD BAR

Invoice for analytical work reported on certificate(s) A8416316-001 to -005

Quantity	Analysed for code description	unit price	amount
200	002 - Cu ppm		
	101 - Au NAA ppb	8.25	1650.00

Sample preparation and other charges :

200	201 - soil + sediment -80 mesh	0.70	140.00
-----	--------------------------------	------	--------

TOTAL \$ 1790.00
Discount (10 %) \$ 179.00

Please pay this amount ----> \$ 1611.00
=====

TERMS -- NET 30 DAYS
1.5 % per month (18 % per annum) charged on overdue accounts





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TO : NICOLA PROSPECTING & MINING SYNDICATE

1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416316-001-A
INVOICE # : I8416316
DATE : 3-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84D 1321	201	18	<1	--	--	--	--
84D 1322	201	49	<1	--	--	--	--
84D 1323	201	39	3	--	--	--	--
84D 1324	201	53	<1	--	--	--	--
84D 1325	201	13	<1	--	--	--	--
84D 1326	201	23	<1	--	--	--	--
84D 1327	201	14	2	--	--	--	--
84D 1328	201	18	<1	--	--	--	--
84D 1329	201	23	<1	--	--	--	--
84D 1330	201	14	<1	--	--	--	--
84D 1331	201	19	<1	--	--	--	--
84D 1332	201	23	<1	--	--	--	--
84D 1333	201	11	<1	--	--	--	--
84D 1334	201	11	<1	--	--	--	--
84D 1335	201	9	<1	--	--	--	--
84D 1336	201	26	<1	--	--	--	--
84D 1337	201	10	<1	--	--	--	--
84D 1338	201	11	<1	--	--	--	--
84D 1339	201	64	<1	--	--	--	--
84D 1340	201	36	<1	--	--	--	--
84D 1341	201	14	<1	--	--	--	--
84D 1342	201	12	<1	--	--	--	--
84D 1343	201	31	<1	--	--	--	--
84D 1344	201	17	<1	--	--	--	--
84D 1345	201	244	13	--	--	--	--
84D 1346	201	20	<1	--	--	--	--
84D 1347	201	13	11	--	--	--	--
84D 1348	201	7	<1	--	--	--	--
84D 1349	201	8	<1	--	--	--	--
84D 1350	201	29	<1	--	--	--	--
84D 1351	201	6	<1	--	--	--	--
84D 1352	201	11	<1	--	--	--	--
84D 1353	201	8	<1	--	--	--	--
84D 1354	201	6	<1	--	--	--	--
84D 1355	201	10	<1	--	--	--	--
84D 1356	201	24	<1	--	--	--	--
84D 1357	201	9	<1	--	--	--	--
84D 1358	201	13	<1	--	--	--	--
84D 1359	201	18	1	--	--	--	--
84D 1360	201	23	<1	--	--	--	--

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1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416316-002-A
INVOICE # : I8416316
DATE : 3-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84D 1361	201	73	1	--	--	--	--
84D 1362	201	64	6	--	--	--	--
84D 1363	201	57	<1	--	--	--	--
84D 1364	201	16	<1	--	--	--	--
84D 1365	201	22	1	--	--	--	--
84D 1366	201	29	<1	--	--	--	--
84D 1367	201	21	<1	--	--	--	--
84D 1368	201	15	<1	--	--	--	--
84D 1369	201	16	<1	--	--	--	--
84D 1370	201	11	<1	--	--	--	--
84D 1371	201	14	<1	--	--	--	--
84D 1372	201	19	3	--	--	--	--
84D 1373	201	38	1	--	--	--	--
84D 1374	201	19	2	--	--	--	--
84D 1375	201	8	<1	--	--	--	--
84D 1376	201	18	1	--	--	--	--
84D 1377	201	20	<1	--	--	--	--
84D 1378	201	23	3	--	--	--	--
84D 1379	201	14	<1	--	--	--	--
84D 1380	201	12	<1	--	--	--	--
84D 1381	201	19	<1	--	--	--	--
84D 1382	201	15	<1	--	--	--	--
84D 1383	201	14	<1	--	--	--	--
84D 1384	201	24	1	--	--	--	--
84D 1385	201	18	<1	--	--	--	--
84D 1386	201	12	2	--	--	--	--
84D 1387	201	37	3	--	--	--	--
84D 1388	201	19	2	--	--	--	--
84D 1389	201	21	<1	--	--	--	--
84D 1390	201	16	7	--	--	--	--
84D 1391	201	14	<1	--	--	--	--
84D 1392	201	25	<1	--	--	--	--
84D 1393	201	14	<1	--	--	--	--
84D 1394	201	21	<1	--	--	--	--
84D 1395	201	16	1	--	--	--	--
84D 1396	201	19	<1	--	--	--	--
84D 1397	201	21	<1	--	--	--	--
84D 1398	201	12	<1	--	--	--	--
84D 1399	201	19	<1	--	--	--	--
84D 1400	201	34	<1	--	--	--	--

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1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416316-003-A
INVOICE # : I8416316
DATE : 3-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON

CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84D 1401	201	21	<1	--	--	--	--
84D 1402	201	22	1	--	--	--	--
84D 1403	201	14	<1	--	--	--	--
84D 1404	201	37	3	--	--	--	--
84D 1405	201	10	4	--	--	--	--
84D 1406	201	29	<1	--	--	--	--
84D 1407	201	39	<1	--	--	--	--
84D 1408	201	14	<1	--	--	--	--
84D 1409	201	22	<1	--	--	--	--
84D 1410	201	3	<1	--	--	--	--
84D 1412	201	5	1	--	--	--	--
84D 1413	201	8	<1	--	--	--	--
84D 1415	201	4	<1	--	--	--	--
84D 1416	201	6	<1	--	--	--	--
84D 1417	201	6	<1	--	--	--	--
84D 1418	201	4	<1	--	--	--	--
84D 1419	201	4	<1	--	--	--	--
84D 1420	201	3	<1	--	--	--	--
84D 1421	201	25	<1	--	--	--	--
84D 1422	201	10	<1	--	--	--	--
84D 1423	201	14	<1	--	--	--	--
84D 1424	201	31	<1	--	--	--	--
84D 1425	201	28	<1	--	--	--	--
84D 1426	201	23	<1	--	--	--	--
84D 1427	201	26	6	--	--	--	--
84D 1428	201	14	<1	--	--	--	--
84D 1429	201	23	<1	--	--	--	--
84D 1430	201	25	1	--	--	--	--
84D 1431	201	9	<1	--	--	--	--
84D 1432	201	18	10	--	--	--	--
84D 1433	201	17	<1	--	--	--	--
84D 1434	201	29	<1	--	--	--	--
84D 1435	201	33	1	--	--	--	--
84D 1436	201	15	3	--	--	--	--
84D 1437	201	32	31	--	--	--	--
84D 1438	201	23	<1	--	--	--	--
84D 1439	201	14	<1	--	--	--	--
84D 1440	201	16	<1	--	--	--	--
84D 1441	201	11	<1	--	--	--	--
84D 1442	201	25	2	--	--	--	--

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1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416316-004-A
INVOICE # : 18416316
DATE : 3-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON

CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84D 1443	201	12	2	--	--	--	--
84D 1444	201	20	<1	--	--	--	--
84D 1445	201	28	4	--	--	--	--
84D 1446	201	6	<1	--	--	--	--
84D 1447	201	9	<1	--	--	--	--
84D 1448	201	10	<1	--	--	--	--
84D 1449	201	10	<1	--	--	--	--
84D 1450	201	31	<1	--	--	--	--
84D 1451	201	42	<1	--	--	--	--
84D 1452	201	14	<1	--	--	--	--
84D 1453	201	275	3	--	--	--	--
84D 1454	201	11	<1	--	--	--	--
84D 1455	201	14	<1	--	--	--	--
84D 1456	201	14	<1	--	--	--	--
84D 1457	201	22	<1	--	--	--	--
84D 1458	201	17	<1	--	--	--	--
84D 1459	201	11	<1	--	--	--	--
84D 1460	201	2	<1	--	--	--	--
84D 1461	201	13	<1	--	--	--	--
84D 1462	201	31	1	--	--	--	--
84D 1463	201	12	<1	--	--	--	--
84D 1464	201	9	<1	--	--	--	--
84D 1465	201	14	1	--	--	--	--
84D 1466	201	14	<1	--	--	--	--
84D 1467	201	18	<1	--	--	--	--
84D 1468	201	25	<1	--	--	--	--
84D 1469	201	30	1	--	--	--	--
84D 1470	201	11	1	--	--	--	--
84D 1471	201	27	<1	--	--	--	--
84D 1472	201	6	1	--	--	--	--
84D 1473	201	10	<1	--	--	--	--
84D 1474	201	31	3	--	--	--	--
84D 1475	201	32	2	--	--	--	--
84D 1476	201	18	2	--	--	--	--
84D 1477	201	28	<1	--	--	--	--
84D 1478	201	14	<1	--	--	--	--
84D 1479	201	14	<1	--	--	--	--
84D 1480	201	5	<1	--	--	--	--
84D 1481	201	7	<1	--	--	--	--
84D 1482	201	5	<1	--	--	--	--

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1440 - 800 W. PENDER STREET,
VANCOUVER, B.C.
V6C 2V6

CERT. # : A8416316-005-A
INVOICE # : I8416316
DATE : 3-OCT-84
P.O. # : NONE
MOD BAR

ATTN: ERIC ANDERSON CC: JMT SERVICES

Sample description	Prep code	Cu ppm	Au NAA ppb				
84D 1483	201	8	<1	--	--	--	--
84D 1484	201	6	<1	--	--	--	--
84D 1485	201	2	<1	--	--	--	--
84D 1486	201	6	<1	--	--	--	--
84D 1487	201	3	<1	--	--	--	--
84D 1488	201	6	<1	--	--	--	--
84D 1489	201	3	<1	--	--	--	--
84D 1490	201	4	<1	--	--	--	--
84D 1491	201	4	<1	--	--	--	--
84D 1492	201	7	<1	--	--	--	--
84D 1493	201	7	<1	--	--	--	--
84D 1494	201	6	<1	--	--	--	--
84D 1495	201	3	<1	--	--	--	--
84D 1496	201	9	<1	--	--	--	--
84D 1497	201	12	<1	--	--	--	--
84D 1498	201	31	<1	--	--	--	--
84D 1499	201	12	<1	--	--	--	--
84D 1500	201	110	3	--	--	--	--
84D 1501	201	47	<1	--	--	--	--
84D 1502	201	38	<1	--	--	--	--
84D 1503	201	10	<1	--	--	--	--
84D 1504	201	64	<1	--	--	--	--
84D 1505	201	14	<1	--	--	--	--
84D 1506	201	12	<1	--	--	--	--
84D 1507	201	8	<1	--	--	--	--
84D 1508	201	9	<1	--	--	--	--
84D 1509	201	17	2	--	--	--	--
84D 1510	201	36	3	--	--	--	--
84D 1511	201	11	<1	--	--	--	--
84D 1512	201	17	<1	--	--	--	--
84D 1513	201	13	<1	--	--	--	--
84D 1514	201	8	<1	--	--	--	--
84D 1515	201	16	<1	--	--	--	--
84D 1516	201	8	<1	--	--	--	--
84V 1121	201	7	<1	--	--	--	--
84V 1122	201	4	<1	--	--	--	--
84V 1123	201	11	<1	--	--	--	--
84V 1124	201	12	<1	--	--	--	--
84V 1125	201	31	<1	--	--	--	--
84V 1126	201	11	<1	--	--	--	--

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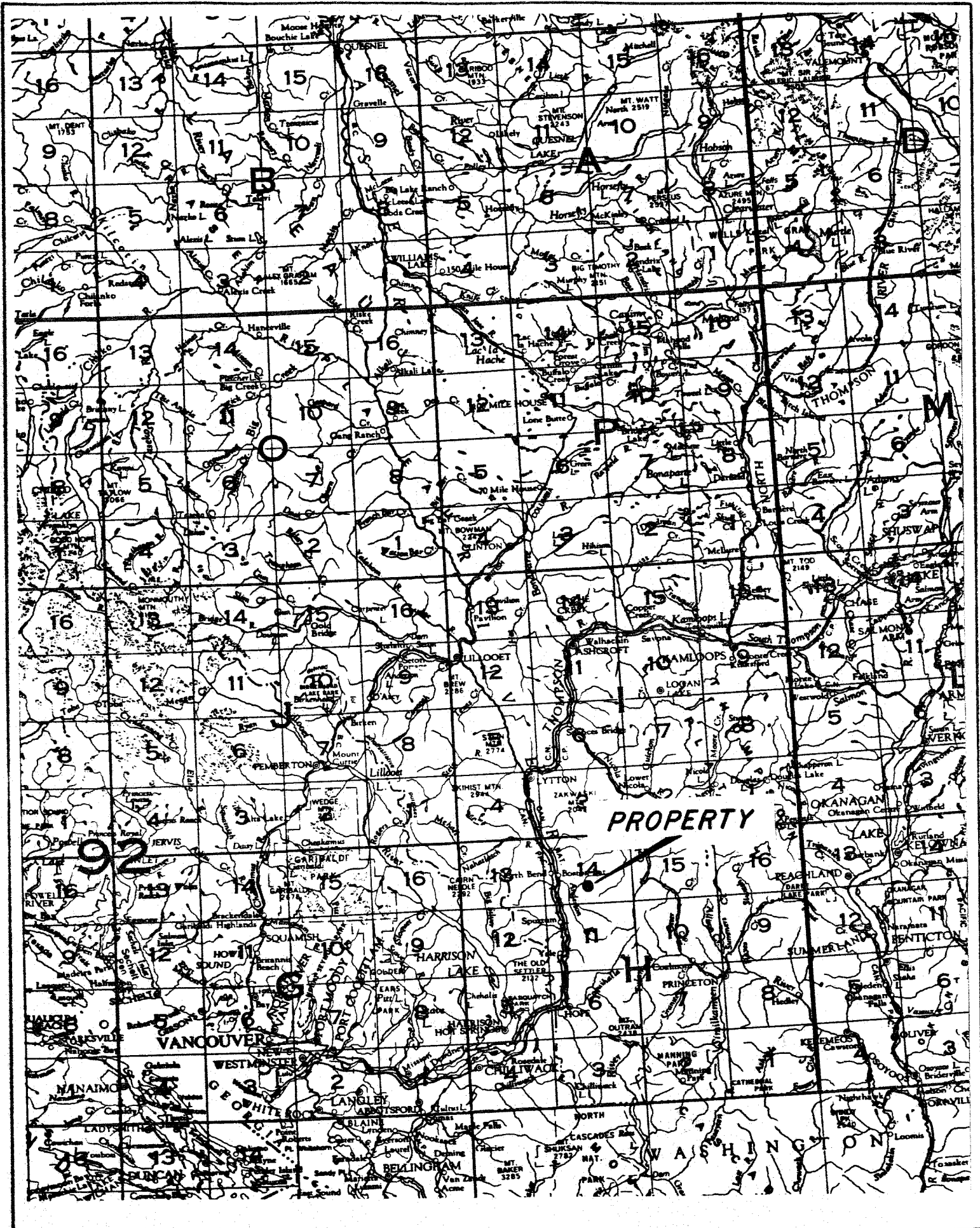


SECTION E

SECTION E

ILLUSTRATIONS

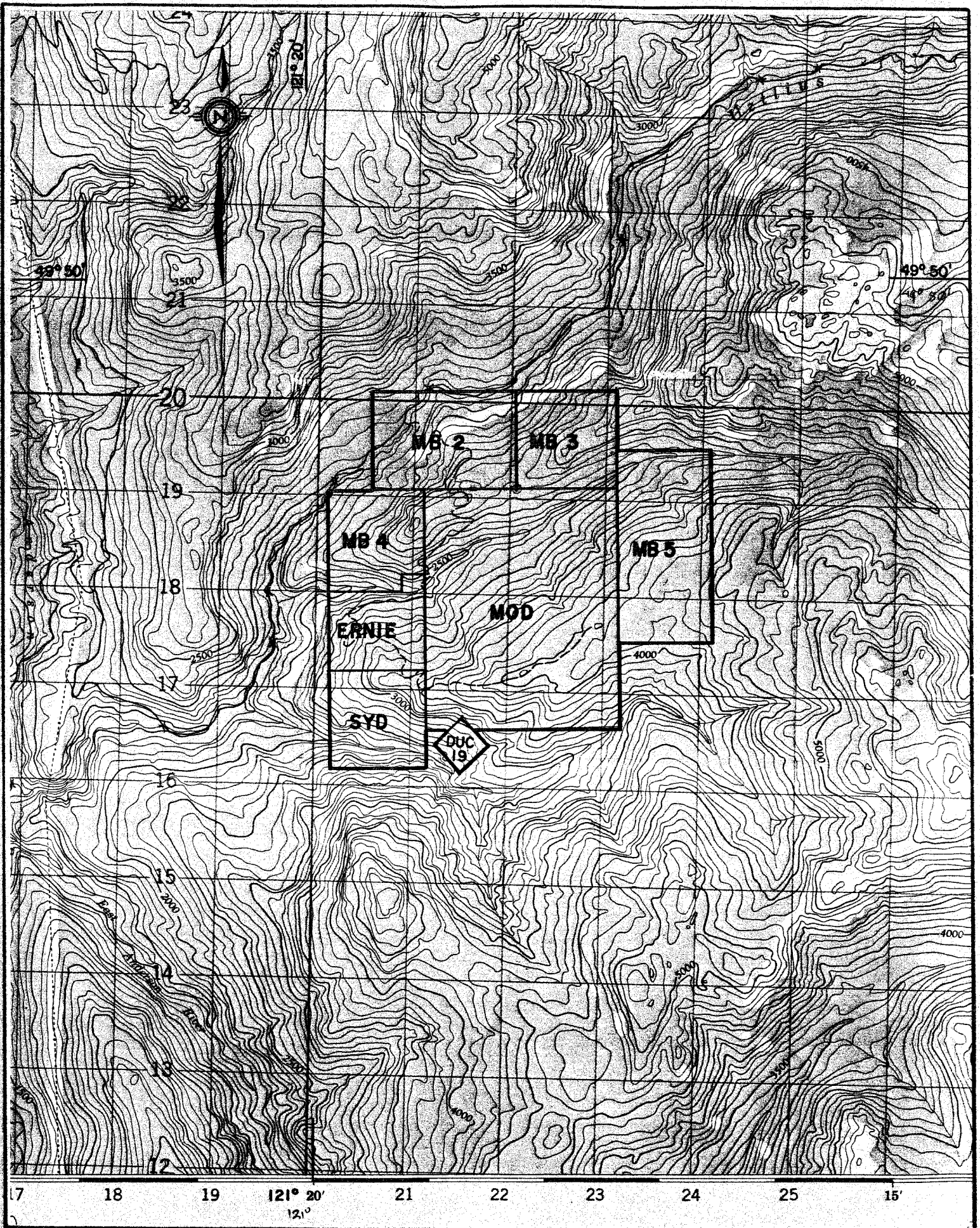
<u>Drawing No.</u>	<u>Title</u>	<u>Scale</u>
MB-84-1	Location Plan	1: 2 000 000
MB-84-2	Claim Plan	1: 50 000
MB-84-3	Geology and Geochemical Plan	1: 5 000



**NICOLA PROSPECTING AND
MINING SYNDICATE**

LOCATION PLAN

DATE DEC. 1984 SCALE 1:1,000,000 DRAWING No MB-84-1



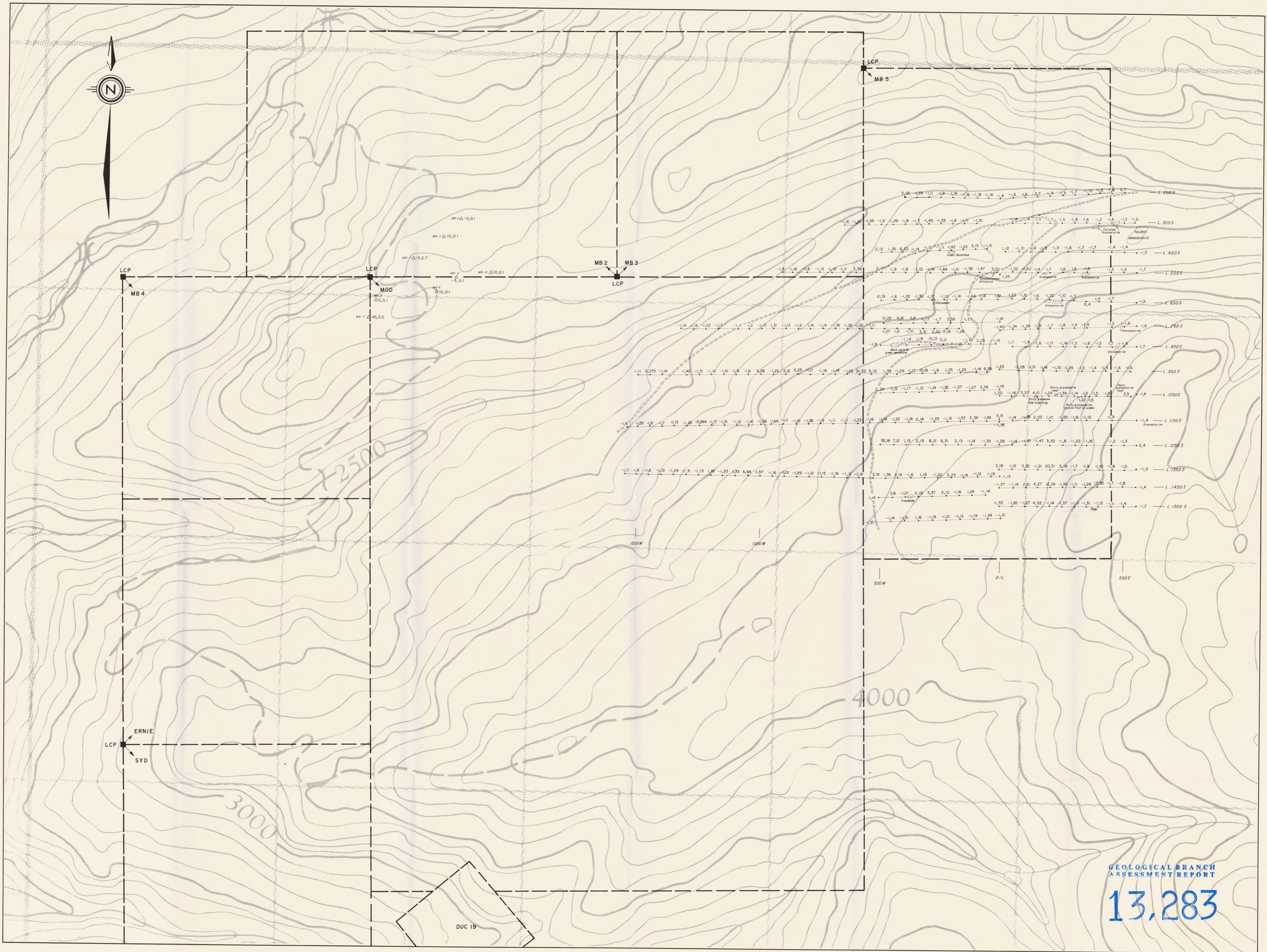
**NICOLA PROSPECTING AND
MINING SYNDICATE**

CLAIM PLAN

DATE DEC. 1984

SCALE: 1:50,000

DRAWING No MB-84-2

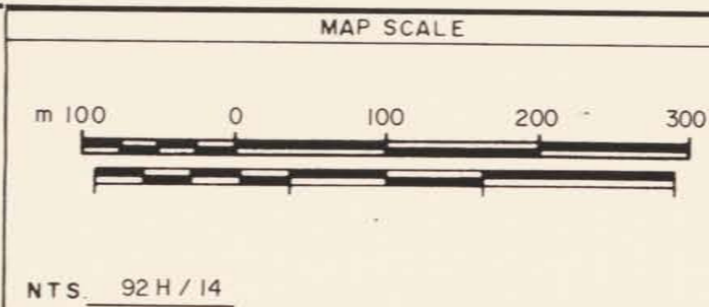


GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,283

LEGEND

- 1,20 SOIL SAMPLE - Au ppb, Cu ppm
- Δ-5,0,1 ROCK CHIP SAMPLE - Au ppb, Ag ppm
- NOTE: MINUS VALUES DENOTE LESS THAN



REV.	DATE	MADE BY	DESCRIPTION
1			
2			
3			
4			
5			

DATE	DRAWN BY	CHECKED	APPROVED
DEC. 1984			

NICOLA PROSPECTING AND
MINING SYNDICATE

GEOLGY AND
GEOCHEMICAL PLAN

OFFICE	DEPARTMENT	MAP INDEX NUMBER	SCALE	DRAWING NUMBER
		BOSTON BAR	1:5000	MB-84-3