

84 - #200

#12427  
4/25

GEOCHEMICAL REPORT  
on the  
LAMB 1 MINERAL CLAIM  
HEDLEY AREA  
OSOYOOS MINING DIVISION  
BRITISH COLUMBIA

---

PROPERTY LAMB 1  
N.T.S. 92 H/8E  
49 15' N 120 12' W

OWNER GEOTECH RESOURCES INC.  
319-470 GRANVILLE STREET,  
VANCOUVER, B.C.  
V6C 1V5

OPERATOR GEOTECH RESOURCES INC.  
319-470 GRANVILLE STREET,  
VANCOUVER, B.C.  
V6C 1V5

AUTHOR G.S. ARCHER,  
319-470 GRANVILLE STREET,  
VANCOUVER, B.C.

DATE APRIL 10, 1983

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

12,427

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## INTRODUCTION

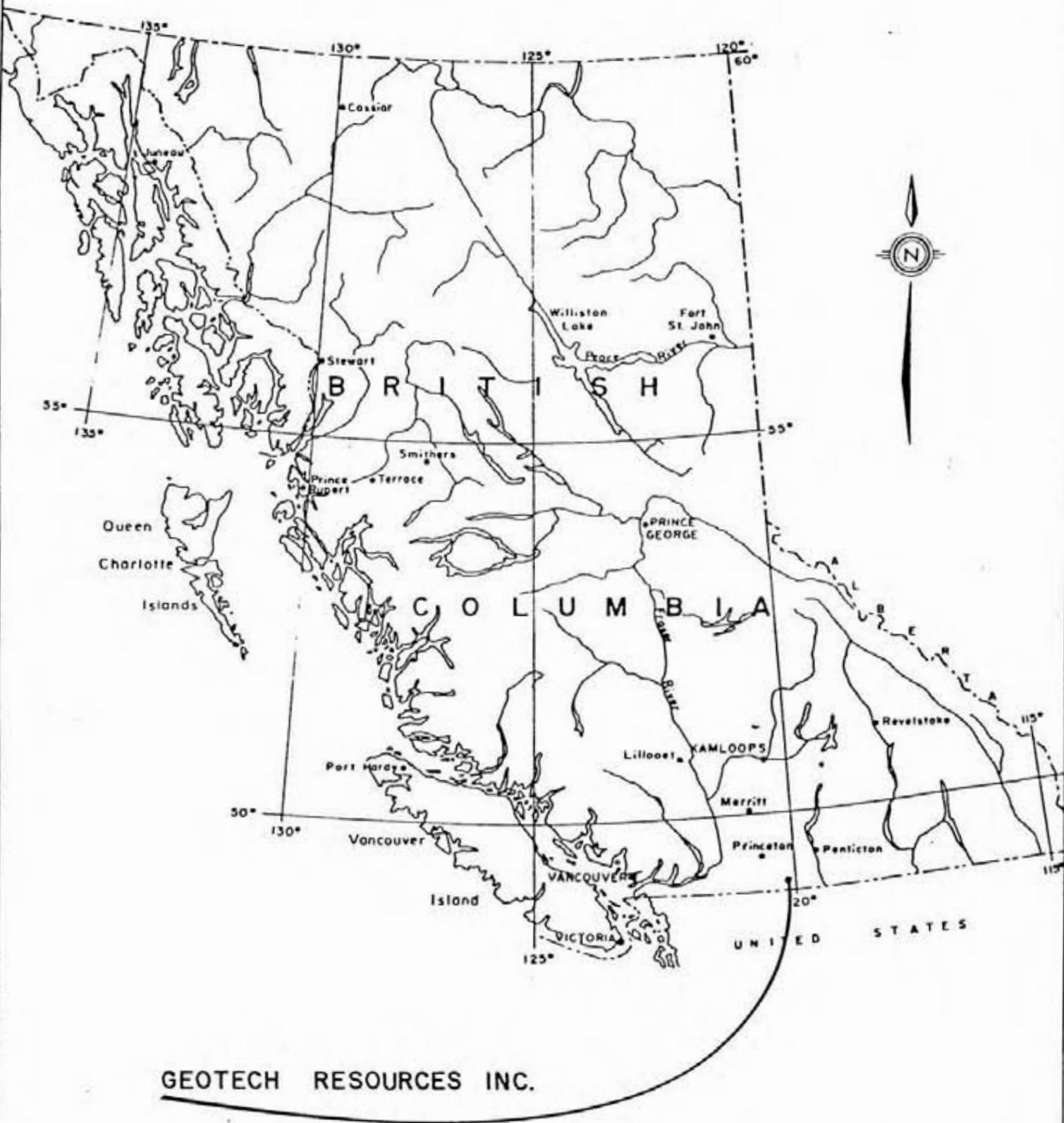
This report was written at the request of Geotech Resources Inc. The report is based on geochemical data and observations made during the sampling process.

The Lamb 1 mineral claim is located in the Similkameen and Osoyoos Mining District, 15 km south-west of Hedley, B.C. and 12 km S 25° W of the Banbury Gold Mine (see location and claim maps). The property can be accessed from Highway 3 travelling south along Whistle Creek.

The Lamb 1 claim was originally staked by Trans-Arctic Ltd. and subsequently purchased by Geotech Resources Inc. No previous work has been recorded on the property.

The Lamb 1 mineral claim appears to have little economic value as indicated by the geochemical results. This evaluation was supported by Dr. W. Bacon, P. Eng. who examined the claim with the author on July 14-15, 1983.

A total of 210 samples were collected, 148 of which were soil samples and 68 rock samples. (see sample location map - page 5)

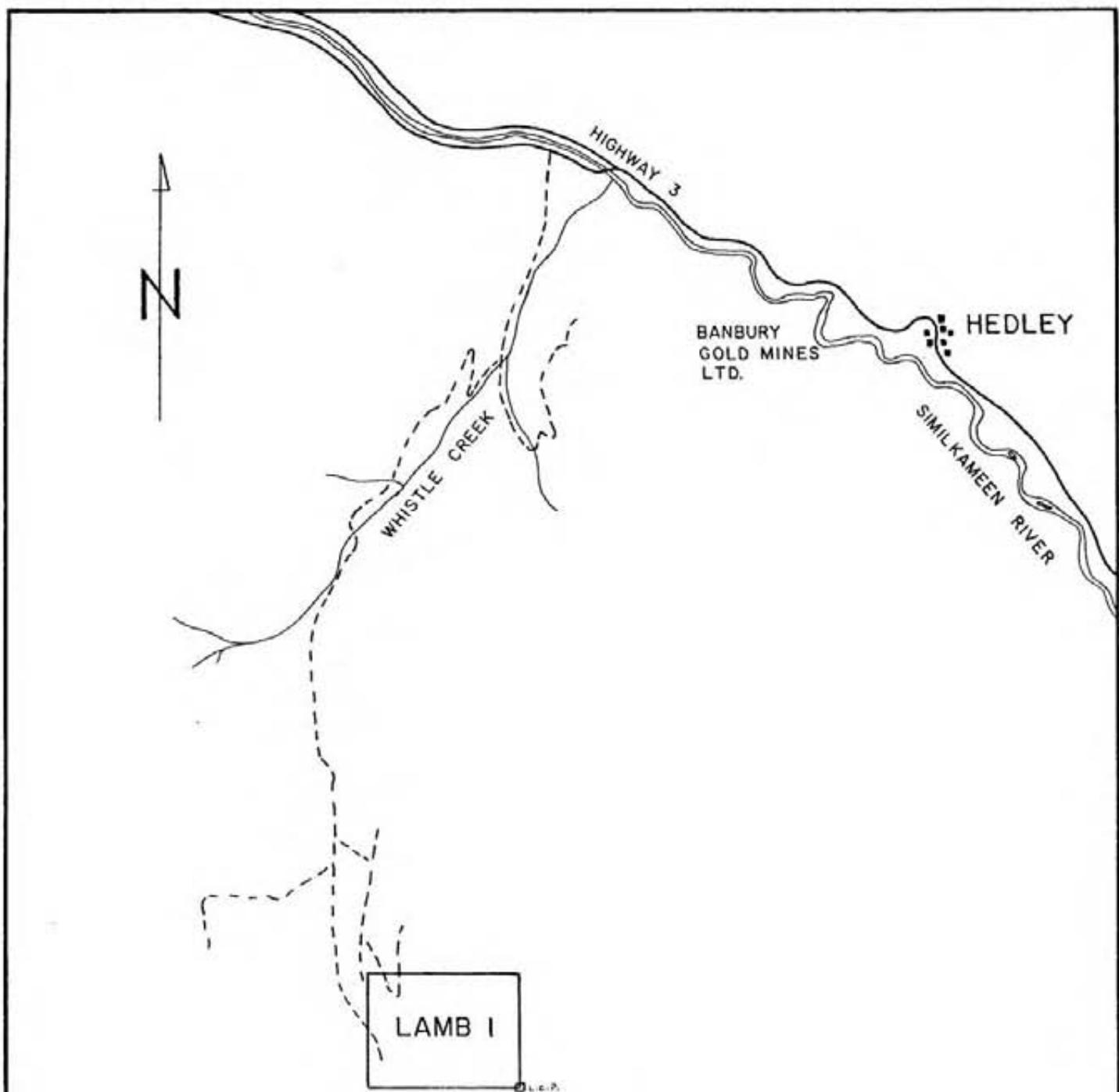


GEOTECH RESOURCES INC.

PROPERTY LOCATION MAP

Km. 100 50 0 100 200 300 400 Km

Miles 100 50 0 100 200 Miles



## CLAIM MAP

LAMB I

GEOTECH RESOURCES  
INC.

0 1 2 3 4 5 km

1:100,000

N.T.S. 92 N/BE

### SAMPLING AND LABORATORY METHODOLOGY

The samples were collected every 100 metres on east-west lines 250 metres apart. Direction and distance was measured using compass and "Lip-chain" respectively. Air photos and topographic maps were used to maintain accurate control. All soil samples were collected from the "B" horizon which was found up to 10 inches below the surface. The soil samples were placed in numbered kraft (paper) sample bags. The rock samples are listed separately with rock type indicated (see appendix B).

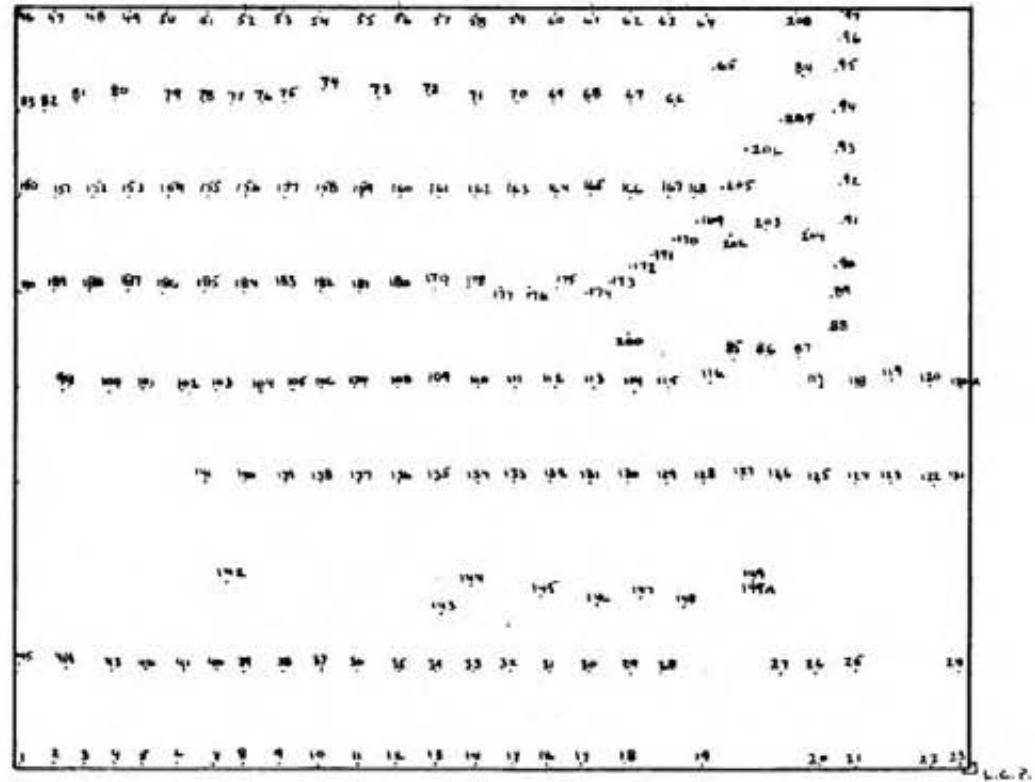
The samples were analyzed by Acme Analytical Laboratories Ltd., Vancouver, B.C. The samples were tested for Ag, As, Sb, Cu and Mo using Inductively coupled Argon Plasma (ICP). The soil samples were dried at 60° C and sieved to -80 mesh. The rock samples were pulverized to -100 mesh. A 0.5 gram sample was digested in hot diluted aqua regia (3 ml) in a boiling water bath (90°C) and diluted to 10 ml with demineralized water.

Gold was tested by Atomic Absorption using background correction. For gold, 10.0 gram samples were ignited overnight at 600°C and digested with hot aqua regia. The clear solution extracted with Methyl Isobutyl Ketone. Gold is then determined in the MIBK extract.

### INTERPRETATION OF RESULTS

Of the 210 soil/rock samples analyzed, only two samples were considered to be anomalous. Rock sample L-84 showed significant values in copper (1488 ppm) and silver (2.5 ppm). This sample station was re-examined on July 14, 1983 and minor amounts of chalcopyrite in a localized siliceous matrix were observed. Careful study of the whole outcrop failed to reveal any additional mineralization.

contd/.....



0            500            1000

METRES

## SAMPLE LOCATION NOS.

GEOTECH RESOURCES INC.

Interpretation of Results (contd.)

Soil sample L-111 with gold value of 285 ppb was not considered significant because of its close proximity to bedrock which was barren of any mineralization.

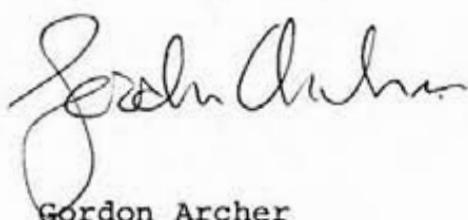
After re-examining both of the above stations in addition to other locations on the property on July 14-15, 1983, it was concluded that no significant mineralization was visible or inferred by the rock and soil analysis.

ITEMIZED COST STATEMENT

A) Wages - June 26-30, 1983	
Geologist - 5 days @ \$175/day	\$ 875.00
Assistant - 5 days @ \$146.60/day	733.00
July 14-15, 1983	
Geological Engineer - Fee	800.00
B) Food and Accommodation between June 26-30, 1983	497.98
C) Truck Rental (\$380/week) includes June 26-30, 1983 July 14-15, 1983	380.00
D) Geochemical Analysis - Acme Analytical Laboratories (See Appendix C)	1,868.50
	\$ 5,154.48

GORDON S. ARCHER - QUALIFICATIONS

- 1) I am a graduate of the University of Victoria with a Bachelor of Science Degree (1980 - Physical Geography).
- 2) I have subsequently completed the Geology Program at the University of British Columbia.
- 3) Geology Work Experience:
  - Assistant Geologist with the B.C. Ministry of Energy, Mines and Petroleum Resources, Project Geology Dept. 1980-1981
  - Intermediate Field Geologist with Petro Canada (Coal Division) 1982
  - Self-employed - worked for several Vancouver based resource companies and with various geological engineers throughout the season - 1983
  - currently employed by Geotech Resources Inc. as a Geologist and Computer Programmer.
- 4) I am a shareholder of Geotech Resources Inc.



Gordon Archer

## **APPENDIX A**

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS, VANCOUVER B.C.  
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED JULY 5 1983

DATE REPORTS MAILED July 9/83

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.  
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.

THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppb.

AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

SAMPLE TYPE - P1-4 SOIL P5-6 ROCK

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

GEOTECH RES FILE # 83-1075

PAGE# 1

SAMPLE	MO PPM	CU PPM	AG PPM	AS PPM	SB PPM	Au* PPB
L-1	1	19	.3	5	4	5
L-2	1	13	.2	3	3	5
L-3	1	14	.2	3	2	5
L-4	1	15	.1	5	2	5
L-5	1	9	.1	3	2	5
L-6	1	6	.1	2	2	5
L-7	1	8	.1	5	2	5
L-8	1	11	.1	3	3	5
L-9	1	5	.2	6	2	5
L-11	1	9	.2	2	2	5
L-12	1	6	.2	5	2	5
L-13	1	6	.2	7	2	5
L-14	1	5	.1	6	2	5
L-15	1	6	.1	6	2	5
L-19	1	5	.1	3	2	5
L-21	1	5	.1	5	2	5
L-22	1	4	.2	5	2	5
L-23	1	4	.2	6	2	5
L-24	1	4	.1	4	2	5
L-25	1	4	.1	6	2	5
L-26	1	8	.2	6	2	5
L-27	1	12	.1	2	2	10
L-28	1	6	.2	7	2	10
L-29	1	11	.2	5	3	5
L-30	1	9	.2	6	3	5
L-31	1	8	.2	2	2	5
L-35	1	8	.1	5	3	10
L-36	1	5	.1	2	2	5
L-37	1	6	.1	6	3	5
L-38	1	9	.1	4	3	5
L-39	1	4	.2	10	3	5
L-40	1	10	.1	2	2	5
L-41	1	5	.1	2	2	5
L-42	1	6	.1	4	2	5
L-43	1	7	.2	4	2	5
L-44	1	6	.1	2	2	10
L-45	1	9	.1	3	2	5
STD A-1/AU 0.5	1	30	.3	10	2	520

## GEOTECH RES FILE # 83-1075

PAGE# 2

SAMPLE	MO PPM	CU PPM	AG PPM	AS PPM	SB PPM	Au* PPB
L-46	1	6	.1	2	2	5
L-47	1	11	.1	5	2	5
L-48	1	3	.1	2	2	5
L-49	1	5	.1	5	2	5
L-50	1	4	.2	2	2	5
L-51	1	6	.1	4	2	5
L-52	1	20	.3	3	2	5
L-53	1	5	.1	5	2	5
L-54	1	3	.2	2	2	5
L-55	1	8	.1	2	2	5
L-57	1	7	.1	2	2	5
L-58	1	8	.1	3	2	5
L-59	1	9	.1	2	2	5
L-60	1	4	.1	2	2	5
L-62	1	5	.1	6	2	5
L-63	1	11	.1	2	2	5
L-64	1	4	.2	2	2	5
L-65	1	4	.2	2	2	5
L-66	1	6	.1	4	2	5
L-67	1	6	.1	2	2	5
L-69	1	8	.1	2	2	5
L-70	1	5	.1	7	2	10
L-71	1	3	.1	5	2	5
L-72	1	14	.2	2	2	5
L-73	1	13	.2	3	2	5
L-74	1	10	.1	2	2	5
L-75	1	5	.1	2	2	5
L-76	1	6	.2	6	2	5
L-77	1	9	.1	3	2	5
L-80	1	5	.1	2	2	5
L-81	1	6	.2	2	2	5
L-82	1	10	.1	5	2	5
L-83	1	4	.1	2	2	5
L-85	1	12	.1	2	2	5
L-86	1	7	.2	4	2	5
L-87	1	3	.1	3	2	5
L-89	1	6	.2	2	2	5
STD A-1/AU 0.5	1	30	.3	8	2	540

## GEOTECH RES FILE # B3-1075

PAGE# 3

SAMPLE	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	Au* ppb
L-92	2	14	.1	5	2	5
L-94	1	5	.1	2	2	5
L-95	1	5	.1	5	2	5
L-96	1	9	.1	9	2	5
L-97	1	7	.1	4	2	5
L-97A	1	10	.1	6	2	5
L-99	1	5	.1	2	2	5
L-100	1	5	.1	2	2	5
L-101	1	4	.1	2	2	5
L-102	1	9	.1	3	2	5
L-103	1	10	.1	3	2	5
L-104	1	11	.1	4	2	5
L-105	1	5	.1	2	2	5
L-107	1	3	.1	7	2	5
L-110	1	18	.1	9	2	5
L-111	1	7	.1	4	2	285
L-117	1	5	.1	4	2	5
L-118	3	7	.1	4	2	5
L-124	1	6	.1	7	2	5
L-126	1	6	.1	6	2	5
L-130	1	13	.1	8	2	5
L-131	1	3	.1	2	2	5
L-132	1	7	.1	4	2	5
L-133	1	8	.1	2	2	5
L-134	1	9	.1	3	2	5
L-135	1	3	.1	3	2	5
L-136	1	5	.1	7	2	5
L-137	1	21	.3	7	2	5
L-138	1	6	.1	2	2	5
L-139	1	8	.1	4	2	5
L-140	1	10	.1	5	2	5
L-141	1	5	.1	4	2	5
L-142	1	6	.1	5	2	10
L-144	1	6	.1	7	2	5
L-145	1	3	.1	8	2	5
L-146	1	7	.1	5	2	5
L-147	1	11	.1	2	2	5
STD A-1	1	30	.3	9	2	520

## GEOTECH RES FILE # 83-1075

PAGE# 4

SAMPLE	MO PPM	CU PPM	AG PPM	AS PPM	SB PPM	Au* PPB
L-148	1	7	.1	2	2	5
L-152	1	7	.1	2	2	5
L-153	1	4	.1	2	2	5
L-154	1	6	.1	2	2	10
L-155	1	3	.1	2	2	5
L-158	1	6	.1	2	2	5
L-159	1	3	.1	2	2	5
L-160	1	4	.1	2	2	5
L-162	1	5	.1	2	2	5
L-166	1	5	.1	2	2	5
L-167	1	4	.1	4	2	15
L-168	1	10	.2	2	2	5
L-169	1	6	.1	2	2	5
L-170	1	6	.1	3	2	5
L-173	1	6	.1	2	2	5
L-174	1	4	.1	2	2	5
L-176	1	3	.1	2	2	5
L-183	1	4	.1	2	2	5
L-184	1	10	.1	3	2	5
L-185	1	8	.1	2	2	5
L-187	1	9	.1	2	2	5
L-188	1	6	.1	2	2	5
L-189	1	3	.1	2	2	5
L-190	1	15	.1	5	2	5
L-201	1	4	.1	2	2	5
L-202	1	4	.1	2	2	5
L-203	1	6	.1	2	2	5
L-204	1	6	.1	4	2	5
L-205	1	9	.1	5	2	5
L-206	1	6	.1	4	2	5
L-208	1	7	.1	4	2	5
STD A-1/AU 0.5	1	30	.3	10	2	510

SAMPLE	MO PPM	CU PPM	AG PPM	AS PPM	SB PPM	Au* PPB
L-10	1	7	.1	2	2	5
L-14A	1	1	.1	4	2	
L-15	1	4	.1	2	3	
L-17	1	15	.4	8	2	
L-17A	1	1	.1	2	2	
L-17B	1	12	.2	2	3	
L-18	1	3	.1	3	2	
L-20	1	9	.2	6	2	
L-23A	1	9	.2	6	3	
L-24A	1	5	.2	3	2	
L-32	1	3	.1	2	2	
L-33	1	6	1.2	2	2	
L-33A	1	5	.1	2	2	
L-53A	3	2	.3	2	2	
L-56	1	6	.3	6	2	
L-59A	1	23	.2	2	2	
L-61	1	3	.1	3	2	
L-65A	1	5	.4	4	2	
L-68	1	21	.2	6	2	
L-70A	1	6	.2	8	2	
L-78	1	11	.1	2	2	
L-79	1	16	.2	3	2	
L-84	1	1488	2.5	2	2	
L-88	1	21	.2	2	2	
L-90	1	13	.3	2	2	
L-91	1	24	.1	7	2	
L-91A	1	10	.1	2	3	
L-106	1	6	.4	5	2	
L-108	1	15	.2	5	2	
L-109	1	8	.3	2	2	
L-112	1	1	.1	2	2	
L-113	1	2	.3	5	2	
L-114	1	4	.2	6	2	
L-115	1	3	.2	6	2	
L-116	1	7	.1	2	2	
L-119	1	40	.2	2	2	
L-120	1	5	.2	2	2	
L-120A	1	11	.3	32	2	
STD A-1/AU 0.5	1	30	.3	9	20	535

## GEOTECH RES FILE # 83-1075

PAGE# 6

SAMPLE	MO PPM	CU PPM	AG PPM	AS PPM	SB PPM	Au* PPB
L-121	1	2	.1	10	2	5
L-122	1	2	.1	7	2	5
L-123	1	1	.1	8	2	5
L-125	1	4	.1	6	2	5
L-127	1	11	.1	6	2	5
L-128	1	7	.1	5	2	5
L-129	1	17	.1	7	2	5
L-131A	1	4	.1	9	2	5
L-143	1	5	.1	3	2	5
L-149	1	11	.1	5	2	5
L-149A	1	7	.1	10	2	5
L-150	1	2	.1	8	2	5
L-150A	1	1	.1	4	2	5
L-151	1	9	.1	5	2	5
L-156	1	3	.1	4	2	5
L-157	1	4	.1	2	2	5
L-161	1	12	.1	7	2	5
L-163	1	2	.1	6	2	5
L-164	1	2	.1	3	2	5
L-165	1	1	.1	6	2	5
L-171	1	17	.1	7	2	5
L-172	1	11	.1	8	2	5
L-175	1	6	.1	5	2	5
L-180	1	7	.1	4	2	5
L-181	1	24	.1	2	2	5
L-182	1	5	.1	5	2	5
L-186	1	4	.1	5	2	5
L-200	1	99	.6	2	2	5
L-207	1	15	.2	4	2	5
NO NUMBER	1	7	.1	2	2	5
STD A-1/AU 0.5	1	30	.3	9	2	520

## **APPENDIX B**

APPENDIX B

ROCK SAMPLE DESCRIPTION

L-10	Basalt
L-14A	Basalt
L-15	Andesite
L-17	Andesite
L-17A	Andesite
L-17B	Quartz
L-18	Andesite
L-20	Andesite
L-23A	Vol. Breccia
L-24A	Andesite
L-32	Andesite
L-33	Andesite
L-33A	Andesite with Pyrite
L-53A	Andesite
L-56	Andesite
L-59A	Andesite
L-61	Andesite
L-65A	Basalt
L-68	Andesite
L-70A	Andesite
L-78	Andesite
L-79	Andesite
L-84	Andesite with Chalcopyrite in siliceous matrix
L-88	Andesite
L-90	Andesite
L-91	Andesite
L-91A	Andesite
L-106	Andesite
L-108	Andesite
L-109	Andesite
L-112	Andesite
L-113	Andesite
L-114	Andesite
L-115	Andesite
L-116	Andesite
L-119	Andesite
L-120	Andesite
L-120A	Andesite
L-121	Andesite
L-122	Andesite
L-123	Andesite
L-125	Andesite
L-127	Andesite
L-128	Andesite
L-129	Andesite

Rock Sample Description (contd.)

L-131A	Basalt
L-143	Meta sediments / $020^{\circ}$ /15 $^{\circ}$ NE
L-149	Siliceous Andesite with disseminated pyrite
L-149A	" " " "
L-150	Andesite
L-150A	Andesite
L-151	Andesite
L-156	Andesite
L-157	Andesite
L-161	Andesite
L-163	Andesite
L-164	Andesite
L-165	Andesite
L-171	Andesite
L-172	Andesite
L-175	Andesite
L-180	Andesite
L-181	Andesite
L-182	Andesite
L-186	Andesite
L-200	Andesite
L-207	Andesite

## APPENDIX C

# ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 83-1075

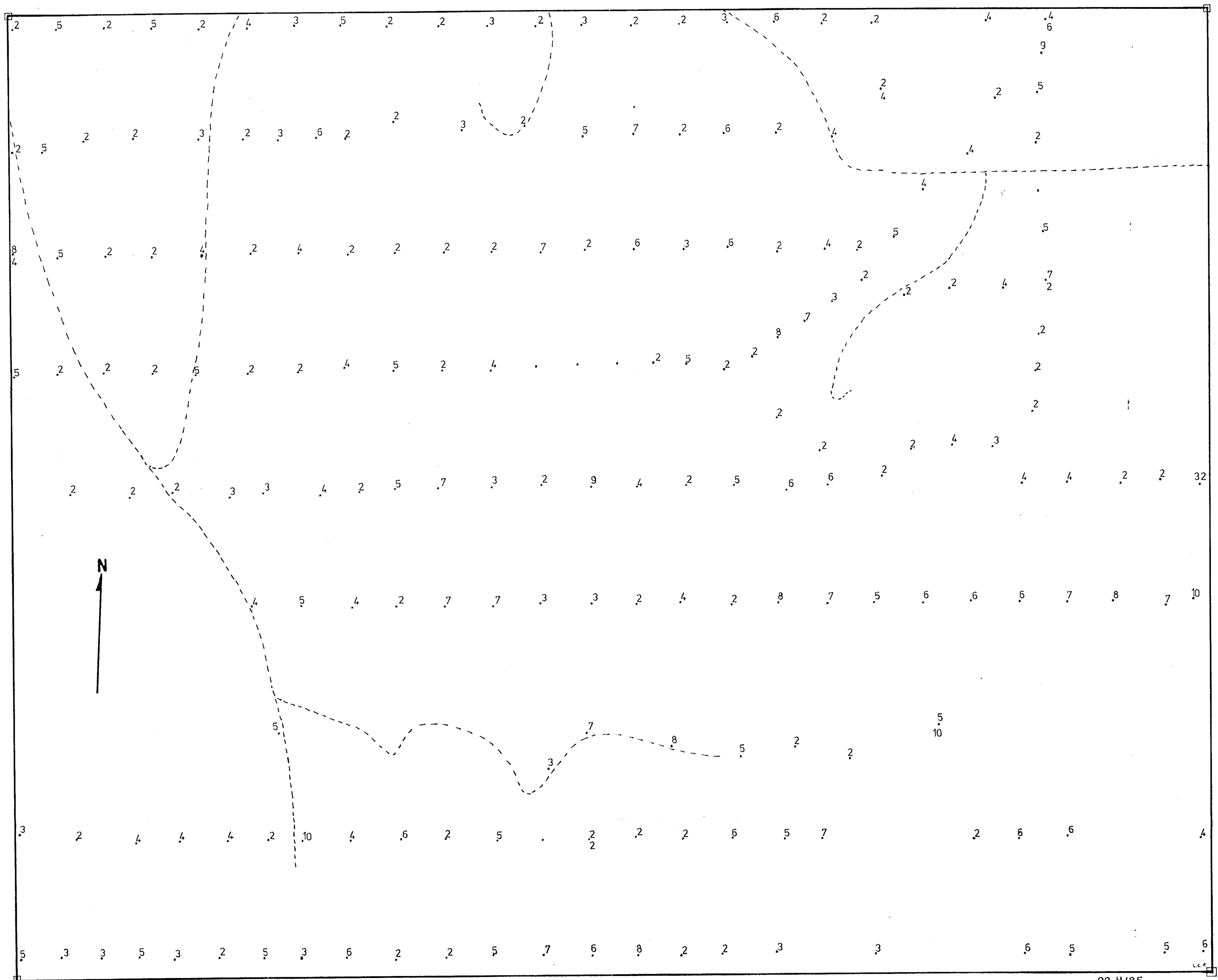
Date: July 9, 1983

Geotech Res.  
926 - 470 Granville St.,  
Vancouver, B.C.

TERMS:  
NET TWO WEEKS  
2% PER MONTH CHARGED ON  
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
210	Geochem Mo Cu Ag As and Sb assays @	\$4.00	\$ 840.00
210	Geochem Au assays @	3.75	787.50
142	Soil sample preparations @	0.50	71.00
68	Rock sample preparations @	2.50	170.00
			\$1868.50

PLEASE PAY LAST AMOUNT 



GEOTECH RES. INC.

LAMBI MINERAL CLAIM

ALL LOCATIONS ESTABLISHED BY AIR PHOTO, CHAIN AND COMPASS

0 100 200 300 400 500 1000 METRES

SCALE 1:9000

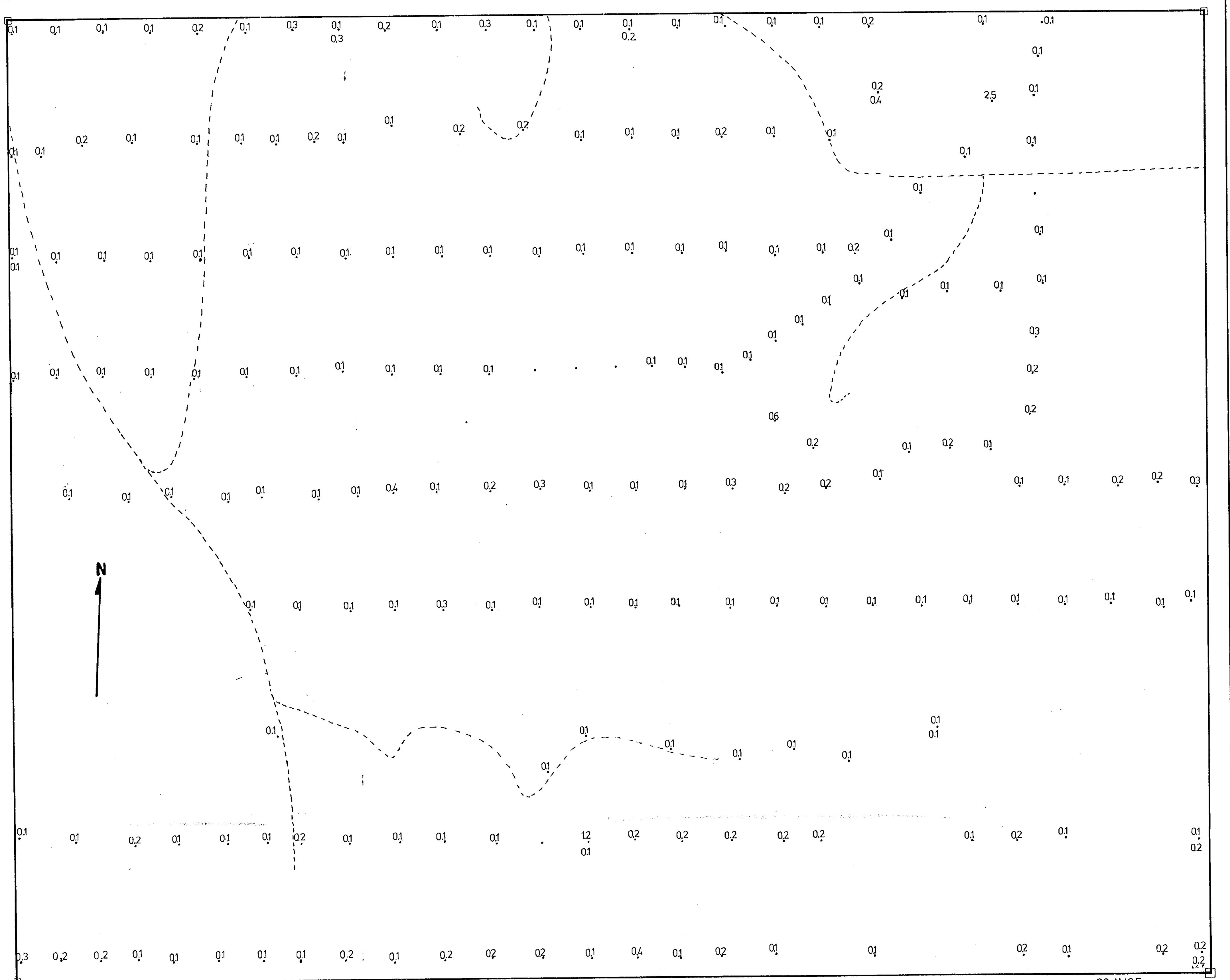
SOIL SAMPLE MAP

----- GRAVEL ROAD

AS (PPM)

GEOLOGICAL ASSESSMENT BRANCH  
REPORT

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**GEOTECH RES. INC.**  
LAMB I MINERAL CLAIM

ALL LOCATIONS ESTABLISHED BY AIR PHOTO, CHAIN AND COMPASS

0 100 200 300 400 500 1000 METRES

SCALE 1:9000

SOIL SAMPLE MAP

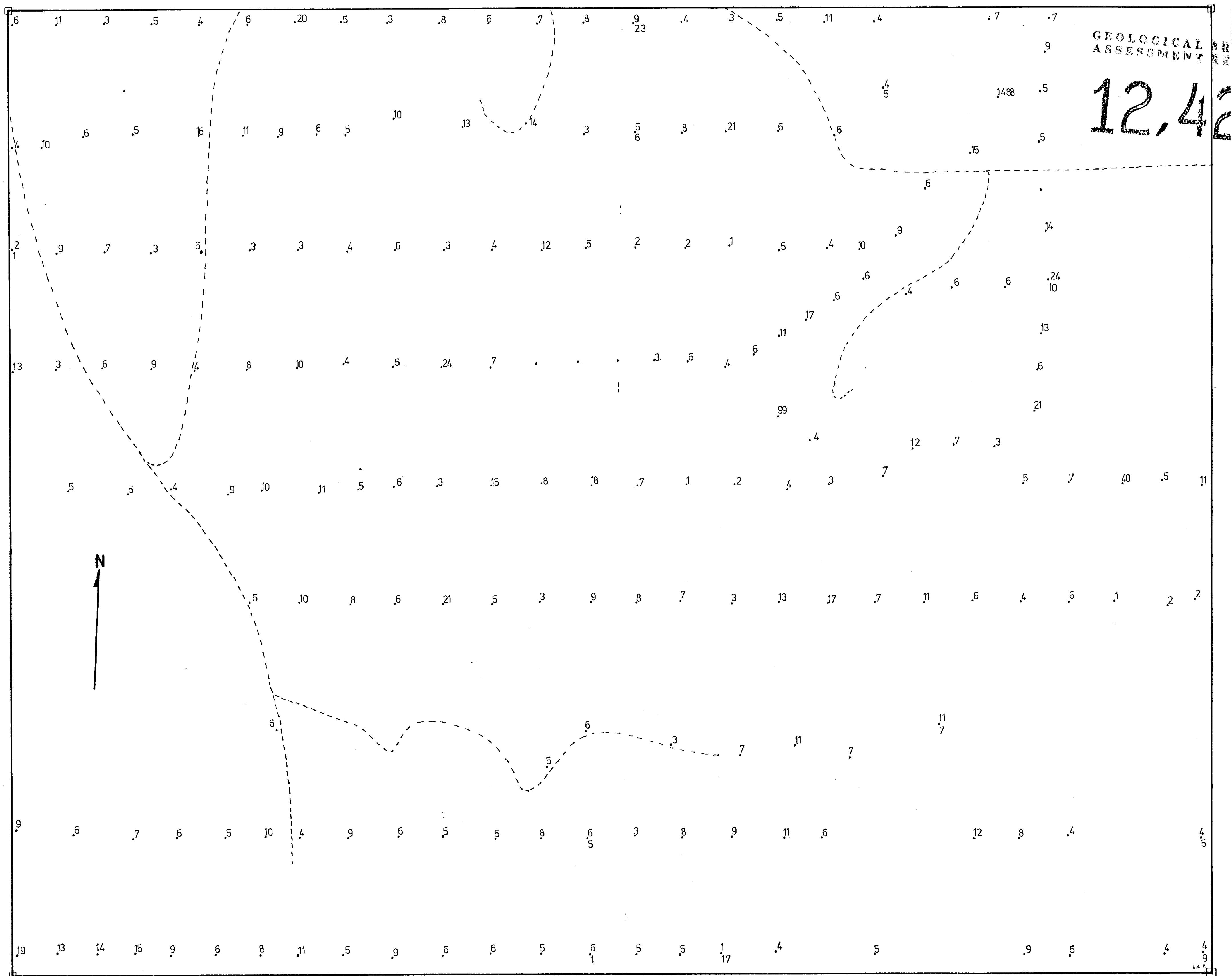
AG (PPM)

----- GRAVEL ROAD

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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**12,427**



GEOTECH RES. INC.

LAMBI MINERAL CLAIM

ALL LOCATIONS ESTABLISHED BY AIR PHOTO, CHAIN AND COMPASS

92 H/8E

0 100 200 300 400 500 1000 METRES

SCALE 1:9000

SOIL SAMPLE MAP

----- GRAVEL ROAD

CU (PPM)