

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,282

✓ LANA CLAIM

Nicola N.D.

921 / 8 W

50° 20.5'

125° 26.5'

Geochemical REPORT

BY

Mr. Murray Swetz

author, owner.

G. C. Graves

operator.

22 April 1983

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SAMPLING GRID MAP	in Pocket Back of Folder

LANA M.C. LOCATION & ACCESS

The Lana Claim containing 6 - Units, lies in a wooded area, approx. one and a half kilometres due west of the extreme south end of Stump Lake and 52 kilometres north-east of the town of Merritt B.C., via the Kamloops-Merritt Highway. A dirt road - running west of the highway comes to within 500 metres of the Lana claim, the last portion by foot trail.

N.T.S. 921/8W. - NICOLA MINING DIVISION

PHYSIOGRAPHY

The Lana M.C. lies within the Great Central Plateau area of south-western B.C. The topography is made of gentle rolling hills and valleys, studded with small lakes. The regional area is generally open range - grazing land. The forested areas are made up of Ponderosa and small Jackpine trees. Rain and snowfall is very moderate.

BRIEF HISTORY OF PROPERTY

There was no known previous work done on the Lana M.C. to the best of my knowledge, with the exception of some prospecting carried out by myself in 1981. While prospecting, I failed to locate any old workings of any kind. There are no known reports covering any past work on the Lana Claim.

DETAILED EXPENSES, LANA CLAIM

Assay Costs	\$ 1,056.00
Salary, 6 - One man days \$100.00 per day	600.00
Truck expenses from Vancouver to Merritt and Merritt to work area and return - 1,250 km @ 16¢ per kilometre	200.00
Sampling Supplies	43.00
Motel and Board - \$43.00 per day	215.00
TOTAL COSTS	<u>\$ 2,114.00</u>

DETAILED SAMPLING REPORT

A total of ONE HUNDRED AND TEN Soil Samples (110) were taken from the Claim. A Grid - Survey was put in with a 270 m Baseline running north-south, and ten Gridlines, 300 m long running east-west. Station and Line spacings at 30 m intervals. A Brunton Compass and Hip Chain Topo Fill were used in conducting survey-orange colored Flagging used on Gridlines and orange and blue Flagging for Sample Stations. Soil Holes were dug using a Prospectors Hammer - Mattock, to an average depth of 18 to 20 cm. Sampling was carried out over a large Iron Oxidized Mariposite containing Silver - Copper values. Sampling has indicated two small Gold Anomalies. Sampling carried out by one man over a period of six days - March 31st to April 5th, 1983 including report preparation. Type of transportation used - 1978 Ford Pick-up Truck.

ASSAYING METHOD AND WRITERS QUALIFICATIONS

Name of Assayer -

BONDAR - CLEGG & COMPANY LTD.
130 Pemberton Ave.
North Vancouver, B.C.,
Canada, V7P 2R5 Telephone: (604) 985-0681

ASSAYING METHOD AND WRITERS QUALIFICATIONS (cont'd.)

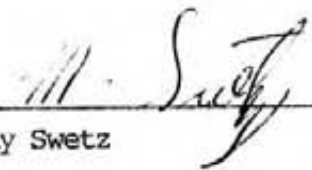
Assay method for Soils = Dried, Screened minus - 80 mesh, One Gram Solution, Digested with Perchloric Acid and Nitric for approx. 1½ hrs. Diluted to volume analysed by standard Atomic Absorbption techniques. Silver Copper Background corrected for None Atomic Absorbption.

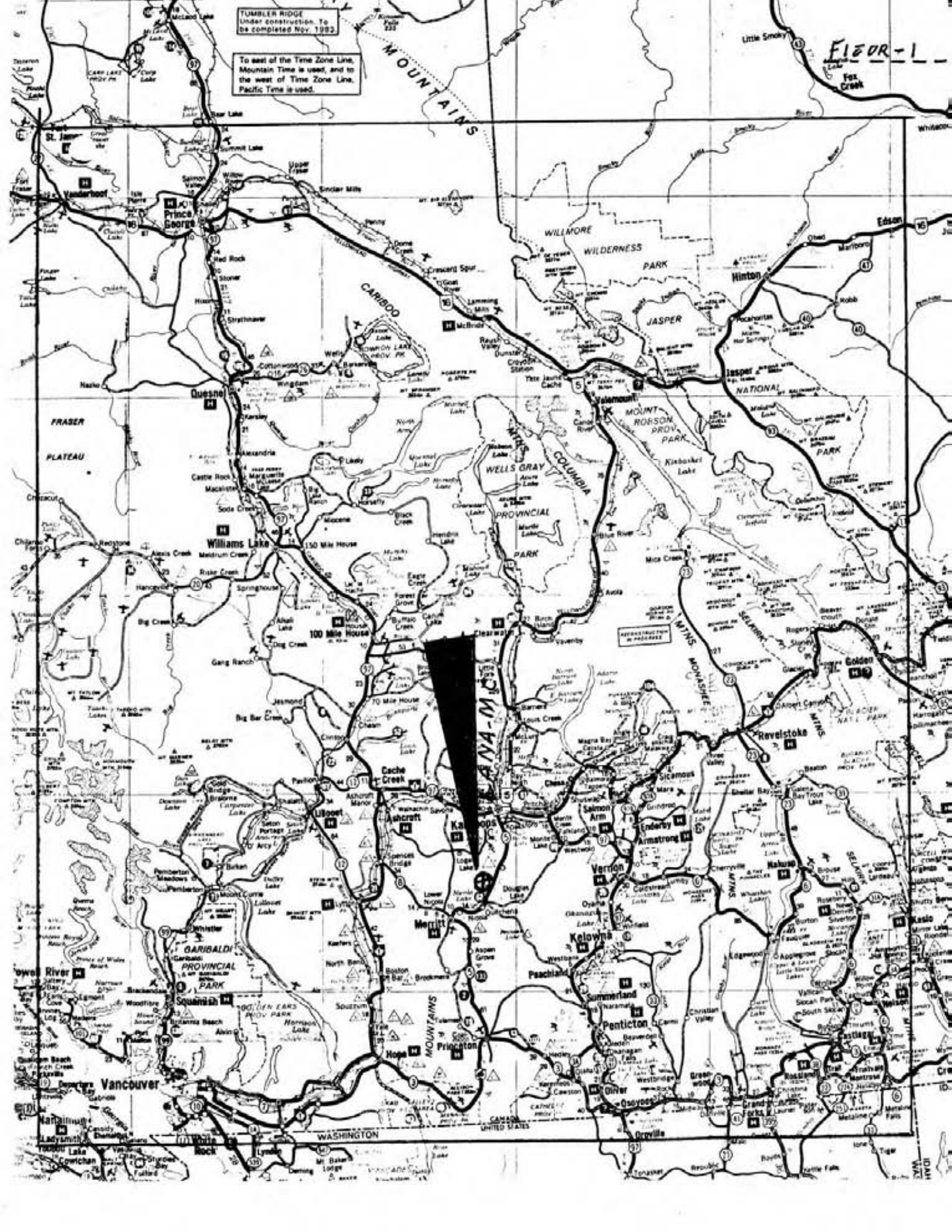
WRITERS QUALIFICATIONS

I am a self employed Prospector with 31 years prospecting experience in British Columbia and Yukon. During that time, I have assisted in various Geophysical Surveys. I reside at Suite 203 - 1215 Comox Street, Vancouver, British Columbia.

Vancouver, B.C.

April 22, 1983


Murray Swetz



TUMBLER RIDGE
Under construction. To
be completed Nov. 1993.

To east of the Time Zone Line,
Mountain Time is used, and to
the west of Time Zone Line,
Pacific Time is used.

FLOOR-1
Fox Creek

MOUNTAINS

FRASER
PLATEAU

CARIBOO

WILLMORE
WILDERNESS
PARK

JASPER

WELLS GRAY
PROVINCIAL
PARK

COLUMBIA

PROVINCIAL
PARK

WINA-MO
MOUNTAINS

PROVINCIAL
PARK

WINA-MO
MOUNTAINS

PROVINCIAL
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WINA-MO
MOUNTAINS

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MOUNTAINS

PROVINCIAL
PARK

WINA-MO
MOUNTAINS

PROVINCIAL
PARK

Vancouver

Whistler

Prince George

Quesno

Williams Lake

100 Mile House

150 Mile House

Cache Creek

Revelstoke

Golden

100 Mile House

150 Mile House

Cache Creek

Revelstoke

Golden

100 Mile House

150 Mile House

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Golden



FIGURE-2

REF: 123-0451

FROM: MR. GEORGE G. GRAUER
DATE: 12-APR-83 PROJECT: LANA HC

SUBMITTED BY: M SWETZ

ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD	SIZE FRACTION	SAMPLE TYPE	SAMPLE PREPARATIONS
Cu	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption	-80	SOILS	DRY, SEIVE -80
Pb	.1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption	-80		
Pb	5 PPM	AQUA REGIA	Fire Assay AA	-80		

REPORT COPIES TO: MR. GEORGE G. GRAUER
MR. MURRAY SWETZ

INVOICE TO: MR. GEORGE G. GRAUER

REP: 173-0451 PROJECT: LANA NO.

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	As PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	As PPM	Au PPB	NOTES
S BL 0400N		58	0.3	10		S 90N+30W		21	<0.2	<5	
S BL 130N		66	0.2	5		S 90N+60W		20	0.3	<5	
S BL 150N		36	0.2	<5		S 90N+90W		25	<0.2	20	
S BL 190N		66	0.4	20		S 90N+120W		20	0.2	<5	
S BL 1120N		40	<0.2	<5		S 90N+150W		38	0.2	<5	
S BL 1150N		52	<0.2	<5		S 90N+180W		40	<0.2	<5	
S BL 1180N		26	<0.2	<5		S 90N+210W		41	<0.2	<5	
S BL 1210N		36	<0.2	<5		S 90N+240W		39	<0.2	70	
S BL 1240N		19	<0.2	<5		S 90N+270W		25	<0.2	<5	
S BL 1270N		25	<0.2	<5		S 90N+300W		32	<0.2	<5	
S 0400N+30W		56	0.3	5		S 120N+30W		44	<0.2	<5	
S 0400N+60W		50	0.3	<5		S 120N+60W		19	<0.2	<5	
S 0400N+90W		73	0.4	10		S 120N+90W		20	<0.2	<5	
S 0400N+120W		47	0.2	5		S 120N+120W		31	<0.2	45	
S 0400N+150W		50	0.3	<5		S 120N+150W		32	<0.2	<5	
S 0400N+180W		38	0.2	10		S 120N+180W		44	<0.2	5	
S 0400N+210W		34	0.2	5		S 120N+210W		46	<0.2	<5	
S 0400N+240W		37	0.4	<5		S 120N+240W		38	<0.2	<5	
S 0400N+270W		36	0.2	<5		S 120N+270W		36	0.2	<5	
S 0400N+300W		34	<0.2	<5		S 120N+300W		28	<0.2	<5	
S 30N+30W		59	0.5	<5		S 150N+30W		27	<0.2	<5	
S 30N+60W		112	1.2	20		S 150N+60W		51	<0.2	<5	
S 30N+90W		106	0.7	20		S 150N+90W		39	<0.2	<5	
S 30N+120W		54	0.8	<5		S 150N+120W		55	<0.2	45	
S 30N+150W		62	0.4	5		S 150N+150W		18	<0.2	<5	
S 30N+180W		33	<0.2	<5		S 150N+180W		37	<0.2	5	
S 30N+210W		34	0.3	<5		S 150N+210W		32	<0.2	<5	
S 30N+240W		40	<0.2	85		S 150N+240W		27	<0.2	<5	
S 30N+270W		26	0.2	<5		S 150N+270W		37	<0.2	<5	
S 30N+300W		35	0.2	<5		S 150N+300W		36	<0.2	<5	
S 60N+30W		28	<0.2	<5		S 180N+30W		29	<0.2	<5	
S 60N+60W		24	<0.2	5		S 180N+60W		47	0.5	55	
S 60N+90W		37	<0.2	<5		S 180N+90W		42	0.2	<5	
S 60N+120W		39	0.3	<5		S 180N+120W		19	<0.2	<5	
S 60N+150W		49	0.4	<5		S 180N+150W		21	<0.2	<5	
S 60N+180W		42	0.3	5		S 180N+180W		25	<0.2	<5	
S 60N+210W		30	0.2	<5		S 180N+210W		27	<0.2	<5	
S 60N+240W		33	<0.2	<5		S 180N+240W		26	0.2	<5	
S 60N+270W		29	<0.2	<5		S 180N+270W		30	<0.2	<5	
S 60N+300W		39	<0.2	<5		S 180N+300W		38	<0.2	<5	

REPORT: 123-0451 PROJECT: LANA MC

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Ag PPM	Au PPB	NOTES
S 210H+30W		23	<0.2	<5	
S 210H+60W		24	<0.2	<5	
S 210H+90W		17	<0.2	10	
S 210H+120W		30	<0.2	<5	
S 210H+150W		27	<0.2	<5	
S 210H+180W		15	<0.2	<5	
S 210H+210W		32	<0.2	<5	
S 210H+240W		27	<0.2	<5	
S 210H+270W		30	<0.2	<5	
S 210H+300W		32	<0.2	<5	
S 240H+30W		26	<0.2	<5	
S 240H+60W		30	<0.2	<5	
S 240H+90W		26	<0.2	<5	
S 240H+120W		18	<0.2	<5	
S 240H+150W		35	<0.2	<5	
S 240H+180W		32	<0.2	<5	
S 240H+210W		26	<0.2	<5	
S 240H+240W		21	<0.2	<5	
S 240H+270W		27	<0.2	<5	
S 240H+300W		21	<0.2	<5	
S 270H+30W		21	<0.2	<5	
S 270H+60W		18	<0.2	<5	
S 270H+90W		22	<0.2	<5	
S 270H+120W		29	<0.2	<5	
S 270H+150W		28	<0.2	<5	
S 270H+180W		24	<0.2	<5	
S 270H+210W		31	<0.2	15	
S 270H+240W		30	<0.2	<5	
S 270H+270W		18	<0.2	<5	
S 270H+300W		27	<0.2	<5	



MR. GEORGE G. GRAUER
C/O. GEORGE G. GRAUER
2000-609 GRANVILLE STREET
BOX 10336 PACIFIC CENTRE
VANCOUVER, B.C. V7Y 1A4

Invoice: 4524
Date: April 13, 1983
Report No: 123-0451
Project: LANA MC

110 Analyses of Silver	at	1.90	209.00	
110 Analyses of Copper	at	0.95	104.50	
Subtotal			313.50	313.50
110 Analyses of Gold - Fire Assay	at	6.00	660.00	
Subtotal			660.00	660.00
Sample Preparation				
110 Samples of DRYS, SEIVE -80	at	0.75	82.50	
Subtotal			82.50	82.50
Invoice Total				\$1056.00

FIGURE 3

LANCE 3
822 (3)

LANCE 4
823 (3)

LANCE 8
926 (8)

LANCE 2
821 (3)

LANCE 1
820 (3)

MOL 1
910 (7)

TP 100

ARGUS 4
423 (3)

MINERAL RESERVE
O/C 1772, 29 6 78
SUBJECT TO CONDITIONS

TOE 3 FRACTION
631 (6)

TOE 1 FRACTION
629 (6)

PAT 2
994 (2)

**LANA
M.C.
1347**

PAT 1
993 (2)

TIC 8 446 (4)	TAC 2 430 (4)	TAC 4 452 (4)
TIC 7 445 (4)	TAC 1 449 (4)	TAC 3 451 (4)
TIC 5 443 (4)	TIC 3 441 (4)	TIC 1 439 (4)
TIC 6 444 (4)	TIC 4 442 (4)	TIC 2 440 (4)

PLANET
414 (3)

ARGUS E
504 (8)

LANA-M.C.

SAMPINE
AREA

EAB
1063 (4)

J. R.
1028 (3)

KELLY LAKE - NICOLA T/L (PROPOSED)

MINERAL RESERVE
O/C 1772, 29 6 78
SUBJECT TO CONDITIONS

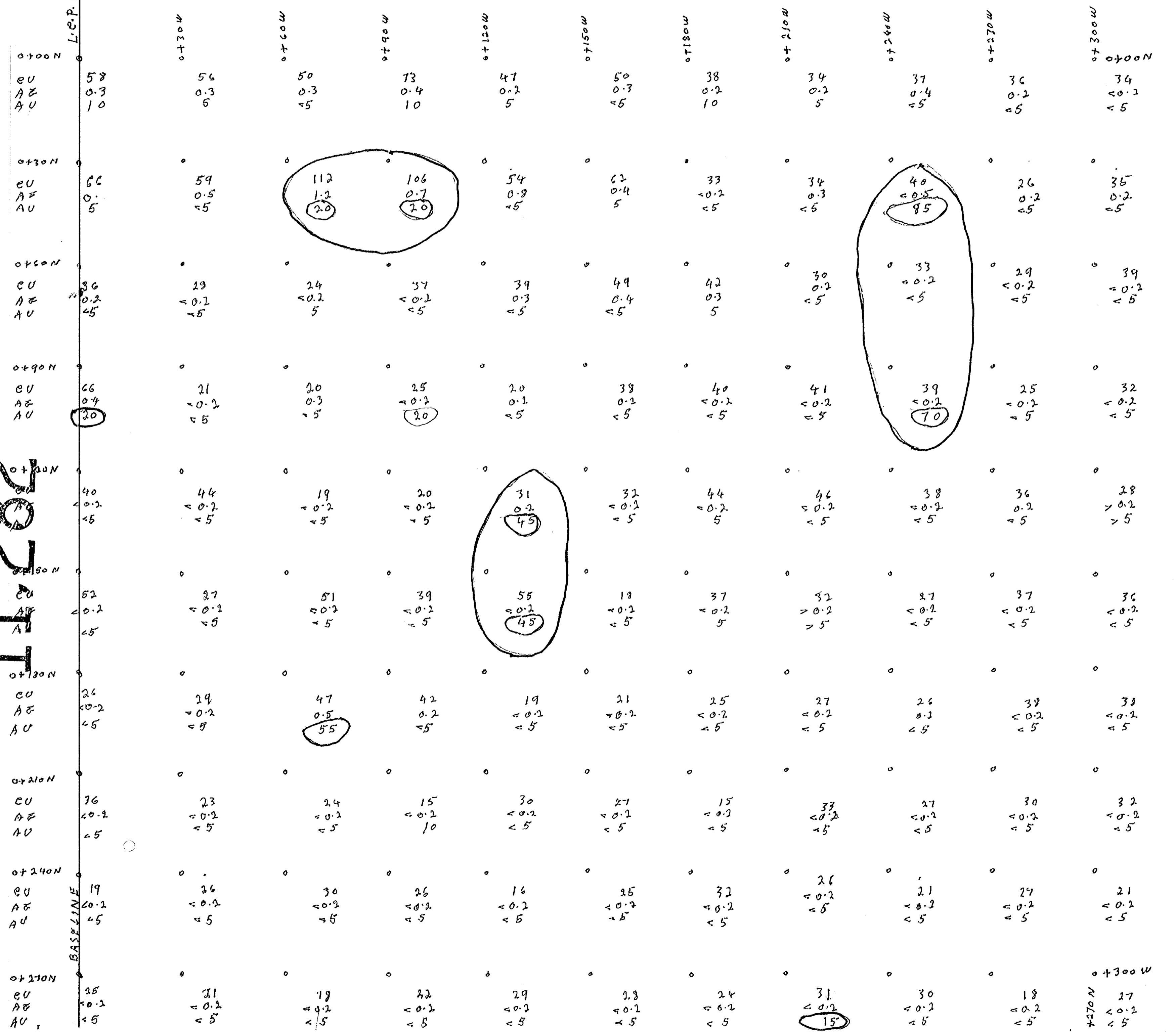
1000	1000	
LT 200	CULT	100
74 (4)		575 (4)

TONY
469 (5)

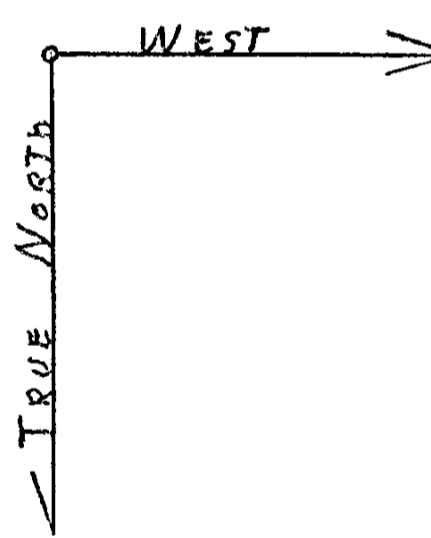
T.P.

11282

L.C.P. 1304



LANA M.C.



LEGEND

SOIL SAMPLING SURVEY
 LANA M.C. = 6 UNITS
 AU - PPB =
 AF - PPM = STUMPLAKE AREA
 EU - PPM = N.T.S. 921/9W
 AU - ANOMALY =

