

82-#867-10871

10

GEOCHEMICAL REPORT
on
KEEFER CLAIM

Record Number 1157(10)
Keefers Lake Area, Vernon Mining Division
50°08' N 118°19' W
NTS 82L/1W

Owner: F. Marehard

Author: John McGoran
September 1982

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,871

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LOCATION MAP, GRID 1:50,000	1a
GOLD GEOCHEMISTRY MAP 1:5,000	INSIDE BACK COVER

LOCATION

The Keefer claim is located 500 metres north of Keefer Lake, 44 miles east of Vernon (G.S.C. Map 1059-A).

PREVIOUS WORK

A geological and geochemical survey was conducted by Ducanex Resources in 1978 (see Assessment Report No. 5279).

ACCESS

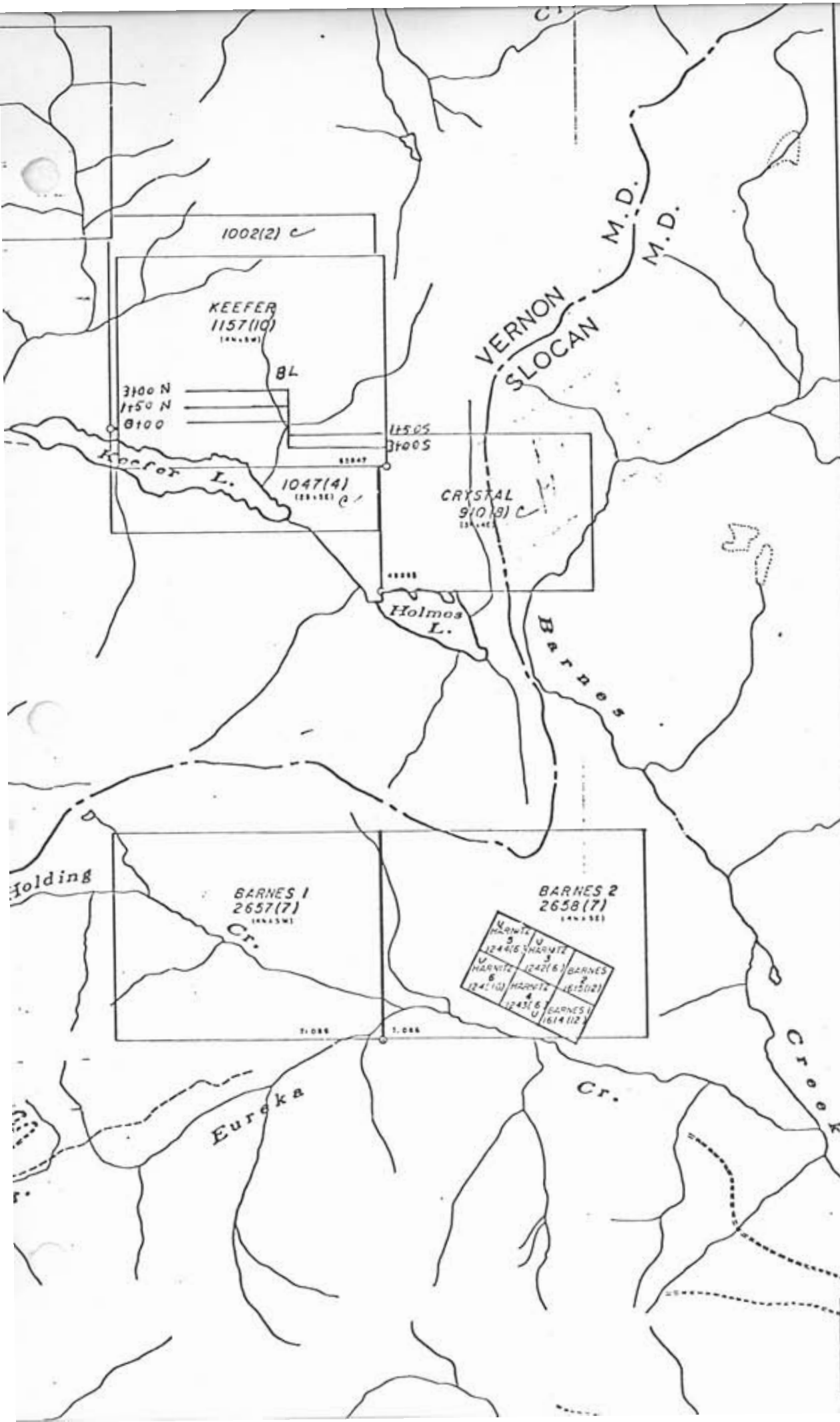
A dry weather road leaves Highway 6 thirty-five miles east of Lumby and follows the north shore of Keefer Lake. Several disused logging roads give access to a majority of the Keefer claim. Elevations on the property range from 4,500 feet to 6,000 feet above sea level.

GRID

A grid was cut to cover previously located anomalies. (see Assessment Report No. 5279). The grid was cut and flagged by Terry Mackenzie and John Boutwell.

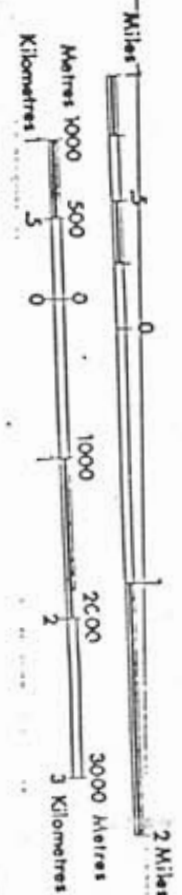
GEOCHEMISTRY

A total of 164 samples were collected at 25 metre intervals along the lines. These samples were collected from the 'B' soil horizon, using a mattock. Two silt samples were collected from creeks on the property and six rock chip samples were collected from outcrop containing pyrite. The samples were placed in 3½"x6" water resistant envelopes and sent to Acme Analytical Laboratories.



TO EAST SEE MAP 82L/1E

- LEGEND
- CROWN-GRANTED MINERAL CLAIM
 - REVERTED C.G. MINERAL CLAIM
 - FORFEITED MINERAL CLAIM
 - VERIFIED LEGAL CORNER POST
 - LEGAL SURVEY
 - LEGAL CORNER POST & TAG NUMBER 0398



ALANA	26(177)
ALANA	26(577)

UNLESS LEGAL CORNER TAG NUMBER CONCERNED. DATE OF M:



Standard atomic absorption procedure was used for gold analysis with a detection limit of 5 p.p.b.

Map 'A' shows the plot of the geochemical results enclosed at the back of this report.

DISCUSSION OF SOIL SAMPLE RESULTS

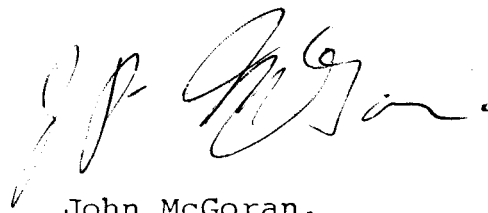
There are three ranges of results: Background, moderately anomalous, and highly anomalous. These are listed below.

	<u>Value</u>	<u>Number</u>	<u>Percent</u>
Background	5 - 10 ppm	147	90
Moderately anomalous	15 - 45 ppm	14	8
Highly anomalous	120 - 230 ppm	3	2

There is a positive correlation between moderately anomalous gold values of 4+00 to 6+00 west and the arsenic anomaly of Assessment Report 5279. The anomalous gold values of 7+00 to 8+00 east are beyond the east end of the grid of Assessment Report 5279.

RECOMMENDATIONS

Follow-up detailed soil sampling as well as detailed mapping and rock geochemistry is recommended in the vicinity of both moderately and highly anomalous gold values.



John McGoran,
B.Sc., Geology

STATEMENT OF QUALIFICATIONS

I, John McGoran, of 2111 W. 34th Ave., Vancouver:

- Received a B.Sc. in Geology from Carleton University in 1972;
- Have worked as a mining prospector for a living for 14 previous years;
- Have practiced as a geologist over the past ten years. Approximately half of this time was associated with exploration geochemistry.

I am a member of C.I.M., G.A.C., and A.I.M.E.

A handwritten signature in black ink, appearing to read 'J. McGoran', written in a cursive style.

John McGoran,
B.Sc., Geology

EXPENDITURES

T. Mackenzie: Sept. 24, 25, 26, Oct. 5	\$ 400.00
J. Boutwell: Sept. 24, 25, 26, Oct. 5	400.00
J. McGoran: Supervision	150.00
Transportation: 4 days @ \$25/day	100.00
Food and Fuel	321.19
Geochemical analysis	751.50
Report	200.00
	<hr/>
TOTAL	\$2322.69

This is a true statement of account of the geochemical survey on the Keefer claim.



John McGoran



To: Mr. John McGoran,
709 - 744 W. Hastings St.,
Vancouver, B.C.
V6C 1A9

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

File No. 82-1317

Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb									
0 N 0 W	5									1
0+25	5									2
0+50	5									3
0+75	5									4
1	5									5
1+25	5									6
1+50	5									7
1+75	5									8
2	5									9
2+25	5									10
2+50	5									11
2+75	10									12
3	5									13
3+25	5									14
3+50	5									15
3+75	5									16
4	5									17
4+25	5									18
4+50	5									19
4+75	5									20
5	5									21
5+25	5									22
5+50	10									23
5+75	5									24
6	5									25
6 (SS)	10									26
6+25	5									27
6+50	5									28
6+75	5									29
7	5									30
7+25	5									31
7+50	10									32
7+75	5									33
0 N 8 W	5									34
1.5S 0 E	5									35
0+25	10									36
0+50	5									37
1.5S 0+75 E	5									38
										39
										40

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

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 8, 1982

DATE REPORTS MAILED Oct. 15, 1982

ASSAYER
=====

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

To: Mr. John McGoran
709 - 744 W. Hastings St.,
Vancouver, B.C.

File No. 82-1317

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb												
1.5S 1 E	5												1
1+25	5												2
1+50	5												3
1+75	5												4
2	5												5
2+25	5												6
2+50	5												7
2+75	5												8
3	10												9
3+25	5												10
3+50	5												11
3+75	5												12
4	5												13
4+25	5												14
4+50	5												15
4+75	5												16
5	25												17
5+25	5												18
5+50	5												19
5+75	N.S.												20
6	10												21
6+25	5												22
6+50	25												23
6+75	10												24
7	20												25
7+25	10												26
7+50	20												27
7+75	170												28
1.5S 8 E	30												29
1+50N 0 W	5												30
0+25	40												31
0+50	5												32
0+75	15												33
1	5												34
1+25	5												35
1+50	5												36
1+50N 1+75 W	5												37
													38
													39
													40

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To:

Mr John McGoran

File No. 82-1317

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb											
1+50N 2 W	5											1
2+25	5											2
2+50	5											3
2+75	5											4
3	5											5
3+25	5											6
3+50	5											7
3+75	5											8
4	5											9
4+25	15											10
4+50	10											11
4+75	25											12
5	5											13
5+25	15											14
5+25 (SS)	10											15
5+50	5											16
5+75	10											17
6	10											18
6+25	5											19
6+50	5											20
6+75	5											21
7	5											22
7+25	5											23
7+50	20											24
7+75	5											25
1+50N 8 W	5											26
3 S 0 E	5											27
0+25	5											28
0+50	5											29
0+75	5											30
1	5											31
1+25	5											32
1+50	5											33
1+75	5											34
2	5											35
2+25	5											36
2+50	5											37
3 S 2+75 E	5											38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

37- 105-95-4
120-

DATE SAMPLES RECEIVED Oct. 8, 1982

DATE REPORTS MAILED Oct. 15, 1982

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



To:

Mr. John McGoran

File No. 82-1317

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.	Au ppb																				
3S 3 E	5																				1
3+25	5																				2
3+50	5																				3
3+75	5																				4
4	5																				5
4+25	5																				6
4+50	5																				7
4+75	5																				8
5	5																				9
5+25	5																				10
5+50	5																				11
5+75	5																				12
6	5																				13
6+25	5																				14
6+50	5																				15
6+75	5																				16
7	5																				17
7+25	5																				18
7+50	120																				19
7+75	5																				20
3S 8 E	230																				21
																					22
3N 0 W	5																				23
0+25	5																				24
0+50	5																				25
0+75	5																				26
1	5																				27
1+25	5																				28
1+50	15																				29
1+75	5																				30
2	5																				31
2+25	5																				32
2+50	5																				33
2+75	35																				34
3	5																				35
3+25	5																				36
3+50	5																				37
3+75	5																				38
3N 4 W	5																				39
																					40

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2
2



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ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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phone: 253 - 3158

File No. 82-1317

Type of Samples Soil & Rock

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb																				
3N 4+25 W	5																				1
4+50	10																				2
4+75	5																				3
5	5																				4
5+25	5																				5
5+50	5																				6
5+75	45																				7
6	5																				8
6+25	5																				9
6+50	5																				10
6+75	5																				11
7	5																				12
7+25	10																				13
7+50	5																				14
7+75	5																				15
3N 8 W	5																				16
Y (SS)	5																				17
Z (SS)	10																				18
																					19
																					20
R - 1	R	5																			21
2		5																			22
3		5																			23
4		5																			24
5		5																			25
R - 6	R	5																			26
																					27
																					28
																					29
																					30
																					31
																					32
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																					36
																					37
																					38
																					39
																					40

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ASSESSMENT REPORT

10,871

Map A

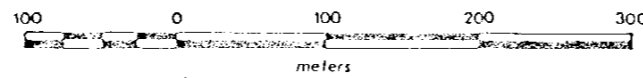
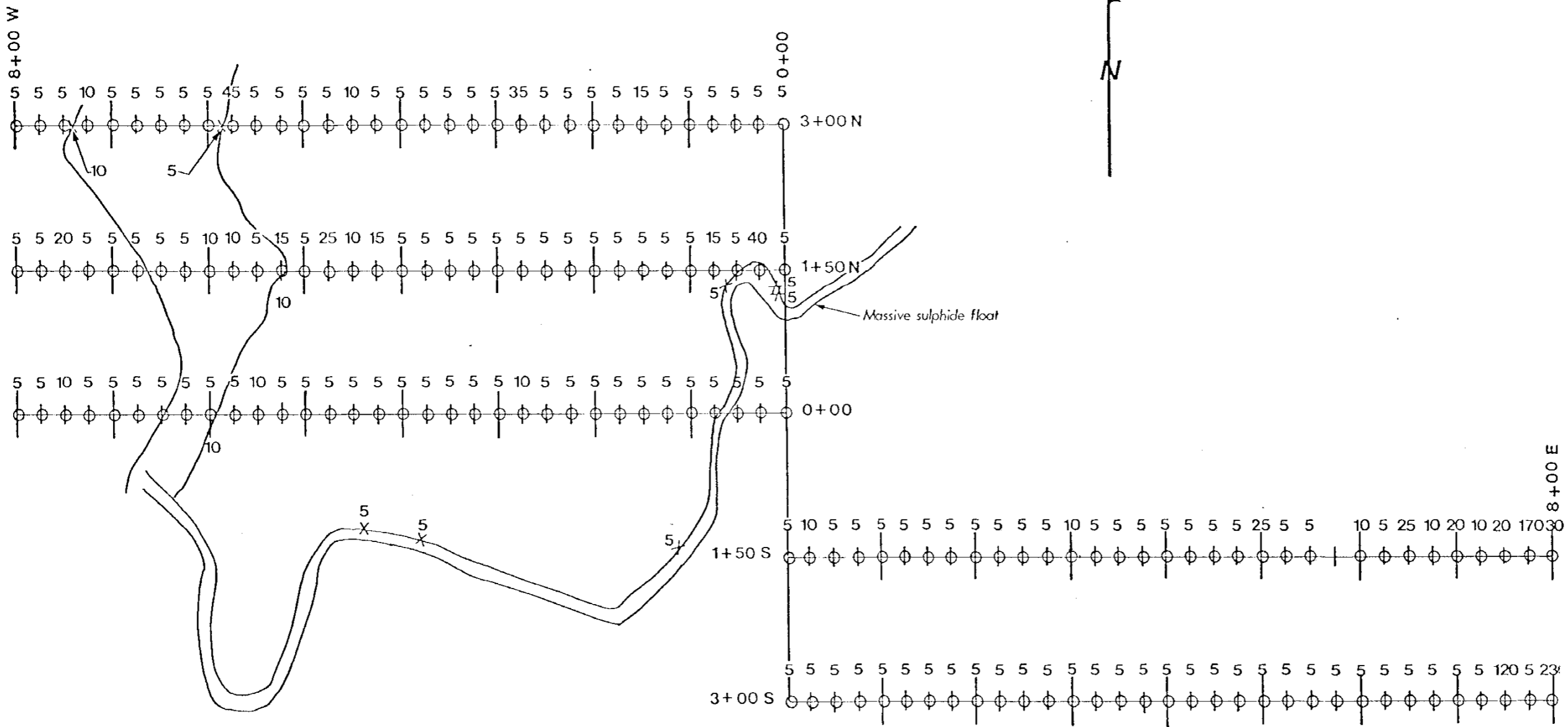
KEEFER LAKE
PROPERTY

Gold Core Inventory

Transcript of
Geochemical report
on Keefers 115
by J. McGowan, Sept, 1974

soil
○ Sample location and
lit assay results in ppt.
x

5N 5 ft from
gold (Assessment Report
10,871, 10,873, 1974)



Scale 1:5,000

L.G.P.
Keefers 115

115
115
115