

861961

NUMERICAL FILING SYSTEM

LOCATION (1) SETTEA CREEK, B.C.  
 (2) LIARD MINING DIVISION, B.C.  
 N.T.S. 104-I-2, 104-I-6, 104-I-7

NAME (1) SETTEA GOLD CO. LTD.  
 (2) SETTEA CREEK  
 (3) ~~SEE BELOW~~

REMARKS: SEE BELOW

N.T.S. FILING SYSTEM

N.T.S. # 104-I-2, 6, 7  
 FILE # 5184

LOCATION:

Lat 58° 15'  
 Long 129° 00'  
 Prov BRITISH COLUMBIA  
 Twp LIARD MINING DIVISION

NAME:

Property SETTEA CREEK PLACER  
 Company SETTEA GOLD CO. LTD.  
 B/F By A. ANTKIEWICZ  
 Date MARCH 25, 1985

REMARKS PLACER GOLD DEPOSIT, Operations carried out during 1983 produced \$70,000 worth of gold. Creek gravels assay from \$15.00 to \$49.00/cu.yd. Very limited testing to prove-up placer reserves. would involve considerable outlay of capital to provide preliminary evaluation of property.

TYPE:

Office Study ✓  
 Field Exam \_\_\_\_\_  
 Co. Project \_\_\_\_\_

STATUS:

Recommended NOT  
 For Record \_\_\_\_\_  
 Other \_\_\_\_\_

April 1, 1985

Mr. A. Antkiewicz  
3802 Law #28  
Houston, Texas  
U.S.A. 77005

re: Settea Gold Co. Ltd. Property  
Settea Creek, British Columbia

Dear Mr. Antkiewicz:

I have been asked by Mr. W. Bruce, Vice-President Exploration, Dome Mines Limited, to respond to your letter of March 25, 1985 regarding certain placer leases held by the Settea Gold Co. Ltd. in British Columbia.

We have carefully reviewed the data you so kindly forwarded to us, but regret to advise you that, due to prior commitments, Dome is unable to participate in further evaluation of the Settea Creek placer property at this time.

Thank you for bringing this property to our attention.

Yours very truly,  
DOME EXPLORATION (CANADA) LIMITED

LVM:vm

L. V. MacCormack

MEMO TO: G. S. W. Bruce  
DATE: March 27, 1985  
FROM: L. V. MacCormack  
SUBJECT: SETTEA GOLD CO. LTD. PLACER PROPERTY  
SETTEA CREEK, LIARD MINING DIVISION, BRITISH COLUMBIA

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Lat.: 58°15' Long.: 129°00' N.T.S. 104-I-2  
104-I-6  
104-I-7

The placer leases held by Settea Gold Co. Ltd. are located at Settea Creek in northern British Columbia, about 50 miles southeast of Dease Lake. Access to the property is by helicopter or float-equipped aircraft from bases at Dease Lake or by road via the Stewart Highway, Caribou Creek Forestry Road, and an 18 mile tractor road.

The property is comprised of nine placer leases located along Settea Creek and numbered PL.9229, PL.9230, PL.9231, PL.10860, PL.10861, PL.11996, PL.11997, PL.11998, and PL.11999.

Information regarding the property is sketchy. Placer operations were carried out on the Settea Creek leases during the summer of 1983, producing approximately \$70,000 worth of gold (based on 1983 gold prices).

In late June 1983, an evaluation of the placer gold potential was carried out by R. G. Hilker, P.Eng., on behalf of Settea Gold Co. Ltd. He concluded that:

- 1) the total potential gravel reserves contained within the Settea Gold Co. leases amounted to 22,600,000 cubic yards. This reserve estimate includes the Creek gravels which are known to contain gold, and bench gravels with unknown gold content.
- 2) Reserves in the Creek gravels are estimated to be 1,080,000 cubic yards. The paystreak in the creek gravels is estimated to be 300 feet wide as indicated from several test open cuts, and be 25 feet thick.
- 3) Values reported from the Creek gravels range from \$15.00-\$30.00 per cubic yard (1983 prices?). A selected 65 pound bulk sample of creek gravels collected by Hilker returned a value of \$49.13 per cubic yard. (gold at \$525 CDN.)

In his summation, Hilker recommended a programme of drilling or test pitting be carried out in order to delineate 1 to 2,000,000 cubic yards of paystreak gravels grading in excess of \$20.00 per cubic yard. This was felt to be the minimum required to start-up a mining operation at Settea Creek. There is no record of this work having been done.

As noted previously, information relating to the property is sketchy; particularly as to the amount of testing which may have been carried out. Assuming none of the recommendations made by Hilker were implemented, a very expensive programme of testing would be required to obtain a preliminary evaluation of the property.

Although the few gold values reported are intriguing, additional positive data would be required before such an undertaking as previously mentioned could be justified. Such information has not been provided.

Based upon the information available, it is the writer's opinion the placer property of Settea Gold Co. Ltd. is of no interest to Dome.

LVM:bm

  
L. V. MacCormack

March 25, 1985

Mr. W. Bruce  
Vice-President Exploration  
Dome Mines  
P. O. Box 270  
#1 First Canadian Place  
Toronto, Ontario M5X 1H1

Dear Mr. Bruce:

As per our conversation yesterday, enclosed is the preliminary placer property evaluation for the Settea Gold Company, Ltd.

Settea Gold Company was operational in the summer of 1983 producing approximately \$70,000 worth of gold (1983 prices). It was estimated that the inadequate mining procedures led to an approximate loss of \$130,000 worth of gold.

The exclusive right to represent Settea Gold Company, Ltd. is held by my mother, Helena Antkiewicz of Vancouver, B.C.

If you are interested or would like some additional information please contact me at (713) 630-4369 during the day.

Sincerely,



Andy Antkiewicz  
3802 Law #28  
Houston, Texas 77005  
(713) 669-1239 after 5 p.m.

GSWB LDH DRG EAP	
PROJECT _____	
FI	MAR 26 1985 LE
<input type="checkbox"/> PROPERTY	<input type="checkbox"/> DRILLING
<input type="checkbox"/> L. CUTTING	<input type="checkbox"/> LEGAL
<input type="checkbox"/> TECHNICAL	<input type="checkbox"/> FINANCIAL
<input type="checkbox"/> OTHER _____	

PLACER PROPERTY PRELIMINARY RESULTS  
PLACER EVALUATION - SETTEA GOLD CO. LTD.

JUNE 29 AND 30, 1983

ON

SETTEA CREEK - BRITISH COLUMBIA

CRY LAKE SHEET - B.C.

LIARD MINING DIVISION

NTS SHEETS 104-I-2W, 104-I-6E

AND 104-I-7W

R. G. HILKER, P. ENG.

TRON DUIK CONSULTANTS

CALGARY, ALBERTA

JULY 18/1983

Property Owners:

Settea Gold Co. Ltd. - Edzerza family  
Shareholders, residence of Whitehorse, Y.T.

Location:

- Located on the Cry lake Topography sheet 104-I, British Columbia.
- Liard Mining Division.
- NTS Sheets 104-I-2W, 104-I-6E and 104-I-7W, Placer Designated Areas.
- 50 miles south-east of Dease Lake, British Columbia.

Access:

- Fixed wing aircraft from Dease Lake to Settea Lake, suitable for Otter on floats.
- Helicopter from Dease Lake airstrip.
- Stewart Hwy. and the Caribou Creek Forestry Road a distance of 60 miles and 18 miles by tractor road to Settea Creek property.

Placer Leases:

British Columbia Placer Leases - PL9230, PL9231, PL9229, ~~PL615, PL614, PL613~~ all located on Settea Creek.

PL10861, PL10860, PL11996  
PL11997  
PL11998  
PL11999

Note - Two placer leases were staked on June 30, 1983 by R. G. Hilker as agent for Robert L. Naismith and require to be recorded in the Vancouver Gold Commissioners Office within 30 days of staking. *THESE ARE NOW PL10860 AND PL10861* A.A.

Placer Evaluation:

R. G. Hilker was accompanied to the Settea property by R. G. Edzerza and John Edzerza on June 29 and 30th, 1983.

1. Gravel Testing - two wheelbarrels of gravels were sluiced through a long-tom sluice box and approximately 65 pounds of fine gravels, sand and heavy concentrates were recovered. The test material was dried and placed in two heavy gauge plastic bags and transported to Calgary by the writer. The placer material was processed on a small shaker table by Terra Min Research Labs Ltd. located in Calgary. The material was screened to -4 +10 mesh and table separated from -10 to -80 mesh.
2. Bulk Sample - Settea Creek

	<u>Grams Au</u>	<u>Grams Heavy Minerals</u>
-4 +10 mesh	0.341	-----
-10 +40 mesh	0.353	30.76
-40 +80 mesh	0.015	25.67
-80 mesh	0.001	26.99
<b>Total</b>	<b>0.710 gms Au</b>	<b>83.42 gms</b>

Placer Evaluation (Con't):

- The Settea Creek gold is reported to be approximately 820 fine.
- The bulk sample represents about 1/5 of a cubic yard of creek gravels.

3. Therefore:

- $0.710 \text{ gms Au} = 1/5 \text{ yd}^3 = 5 \times 0.710 \text{ gms Au} = \underline{3.55 \text{ gms/yd}^3}$  (820 fine).
- Price of gold at \$525/oz. Cdn. or at 820 fine =  $0.82 \times \$525 = \$430.50$ .
- Value per cubic yard:  
 $\frac{\$430.50 \text{ oz.}}{31.10 \text{ gms/oz.}} = \$13.84/\text{gm}$   
 $3.55 \text{ gms/yd}^3 \times \$13.84/\text{gm} = \underline{\$49.13 \text{ yd}^3}$

Note - This 1/5 of a  $\text{yd}^3$  of gravel was collected at the edge of the 1981 cut and is not representative of the entire property.

Potential Gravel Reserves:

1. North Side Settea Creek: PL613, lapsed PL2442 (Re-Staked June 30/1983), PL9229.

Length - 2,200 metres (7,218 feet)  
Width - 500 metres (1,640 feet)  
Depth - 20 - 30 feet or approximately 25 feet

$$\frac{7,000 \text{ feet} \times 1,600 \text{ feet} \times 25 \text{ feet}}{27 \text{ ft}^3/\text{yd}^3} = \underline{10,300,000 \text{ yd}^3}$$

2. South Side Settea Creek:

Length - 7,000 feet  
Width - 1,900 feet  
Depth - approximately 25 feet

$$\frac{7,000 \text{ ft.} \times 1,900 \text{ ft.} \times 25 \text{ ft.}}{27 \text{ ft}^3/\text{yd}^3} = 12,300,000 \text{ yd}^3$$

3. Total Potential Gravel Reserves - Includes creek gravels and the first and second tier bench gravels located on the north and south sides of the Settea Creek and Lake, north-west to Settea Falls.

Total Potential Gravels -  $22,600,000 \text{ yd}^3$

4. Paystreak - It is unknown at the present time period if the bench gravels contain gold. The Creek gravels have been test sluiced and it is reported by the owners to contain from \$15.00 - \$30.00/ $\text{yd}^3$  values(?). The paystreak in the creek gravels is estimated to be 300 feet wide as indicated from the test open cuts.



Potential Gravel Reserves (Con't):

Length - (1,200 metres) 3,900 feet  
Width - 300 feet  
Depth - 25 feet

$$\frac{3,900 \text{ ft.} \times 300 \text{ ft.} \times 25 \text{ ft.}}{27 \text{ ft}^3/\text{yd}^3} = \underline{1,080,000 \text{ yd}^3}$$

5. Inferred Grade/Value: Creek Gravels

- Reported value - \$15.00/yd<sup>3</sup>
- Selected Test (R. G. Hilker) value - \$49.13 yd<sup>3</sup>
- Unknown Paystreak Width.

6. Summary:

- Potential Total Gravel Reserve - 22,600,000 yd<sup>3</sup>.
- Possible Gravel Reserve 300 feet paystreak - 1,080,000 yd<sup>3</sup>.
- Inferred Grade \$15.00/yd<sup>3</sup> (reported) to \$49.13/yd<sup>3</sup> (selected tested on site).

Recommendations:

The Settea Creek placer property has an excellent potential for a five year (+) mining operation, at 200,000 yd<sup>3</sup> per year of gravels sluiced. However, the property requires a complete test programme. There are two types of programmes possible:

1. Drill Programme - 6 5/8 inch hole with a diesel hammer drill, on even spaced drill lines 300 feet wide and 75 feet spaced drill sites across the valley. The drill would be capable of penetrating the large boulders that are contained in the gravels.

The drill programme should be designed to delineate 1 - 2,000,000 yd<sup>3</sup> of paystreak gravels. A mining operation could be recommended if approximately \$20.00/yd<sup>3</sup> gravels are delineated.

- Estimated Cost Programme - \$250,000.00.
- Time Period September 15 - October 30/1983 with a track mounted drill and a D7E size wide pad crawler tractor.
- Costs at \$185/hour, mobilization/demobilization fuel, camp and crawler tractor.
- Supervision and sampling - geologist, sampler, sample processing.
- Limited bulk sampling on paystreak from tractor trenches to check the drill results.

2. Tractor/Shovel Pits - Use a D7E size crawler tractor and large track mounted shovel. A series of triangular pattern pits dug to bedrock and channel sampled. The samples to be processed in a small hand feed sluice box.

Fabricate a small sluice box to be set up at the pit sites and gravels bulk tested. The sluice box would require a portable diesel 6 inch pump and a portable rubber water line.

- Estimated Cost Programme - \$250,000.00.
- Time Period - September 15 - October 30, 1983.
- Depending on the variable depth of gravels the equipment should be able to dig to bedrock to a depth of 25 feet.
- Supervision and sampling - geologist, two samplers, sample processing.

3. Summary:

- Drill Programme \$250,000 from September 15 - October 30, 1983 (costly to mobilize the drill into Settea Creek).
- Tractor/Shovel Pits - \$250,000 from September 15 - October 30, 1983 (require to rent equipment and fabricate sluice box, portable pump and hose line).

4. The preliminary "letter of intent" with Settea Gold Co. Ltd. should have the exploration period extended from August 1st, 1983 to June 1st, 1984 or for a 10 month time period.

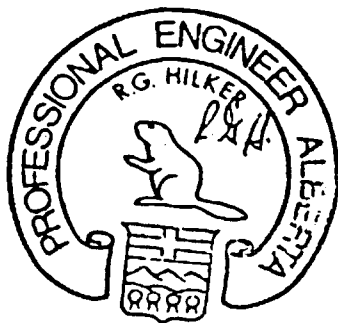
Hardrock Prospect:

The writer sampled a pyrite mineralized Chlorite Quartz Schist at two locations. The samples were assayed by Loring Laboratories Ltd. and the results indicated values of gold to be 0.004, 0.006 and 0.008 oz./ton. The showing is not economical and no mineral claims are necessary to cover the prospect.

*R. G. Hilker*

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R. G. Hilker, P. Eng.  
Tron Duik Consultants  
Calgary, Alberta  
July 18, 1983





# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

Job # 83-156

Tron Duik Consultants Ltd.  
R.G. Hilker

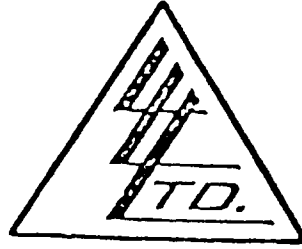
Date July 14, 1983

Client Project

Page 1/1

Sample No.	Au	Heavy Minerals
Settea Creek June 29/83	grams	grams
<u>Bulk Sample</u>		
-4 + 10 mesh	0.341	-
-10 + 40 mesh	0.353	30.76
-40 + 80 mesh	0.015	25.67
-80 mesh	<u>0.001</u>	<u>26.99</u>
Total	0.710	83.42

To: TRON DUK CONSULTANTS LTD.,  
324 Silver Valley Rise N.W.,  
Calgary, Alta. T3B 4B2



File No. 24985  
Date July 13, 1983  
Samples Rock

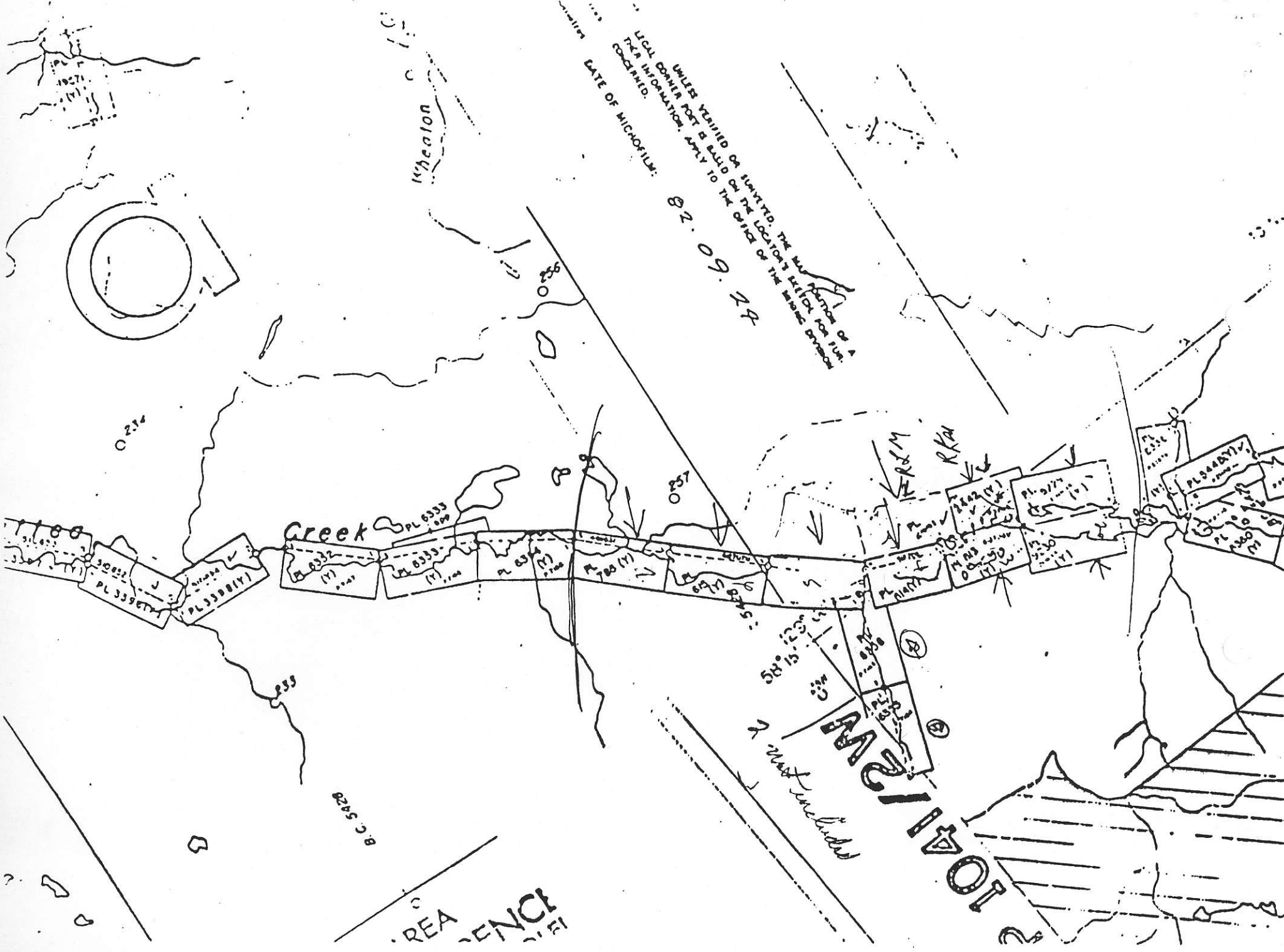
ATTN: R.G. Hilker

Certificate of  
ASSAY of  
LORING LABORATORIES LTD.

SAMPLE No.	OZ/TON Gold
<u>"Rock Samples"</u>	
7301	.008
7302	.006
7303	.004
7304	.008
7305	.004
	Total Samples Crushed to Pass -9 Mesh Pulp Pulverized to Pass -150 Mesh
	<b>I</b> Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.  
Pulps Retained one month  
unless specific arrangements  
made in advance.

*D. Enders*



UNLESS REVISED OR SUPPLEMENTED, THE MAP SHOWS THE LOCATION OF A LEGAL CORNER POST AS LISTED ON THE LOCATION LIST FOR THE COUNTY OF MICHOIGAN. THE INFORMATION APPLIES TO THE OFFICE OF THE LANDS DIVISION. DATE OF MICROFILM: 82.09.22

REFERENCE

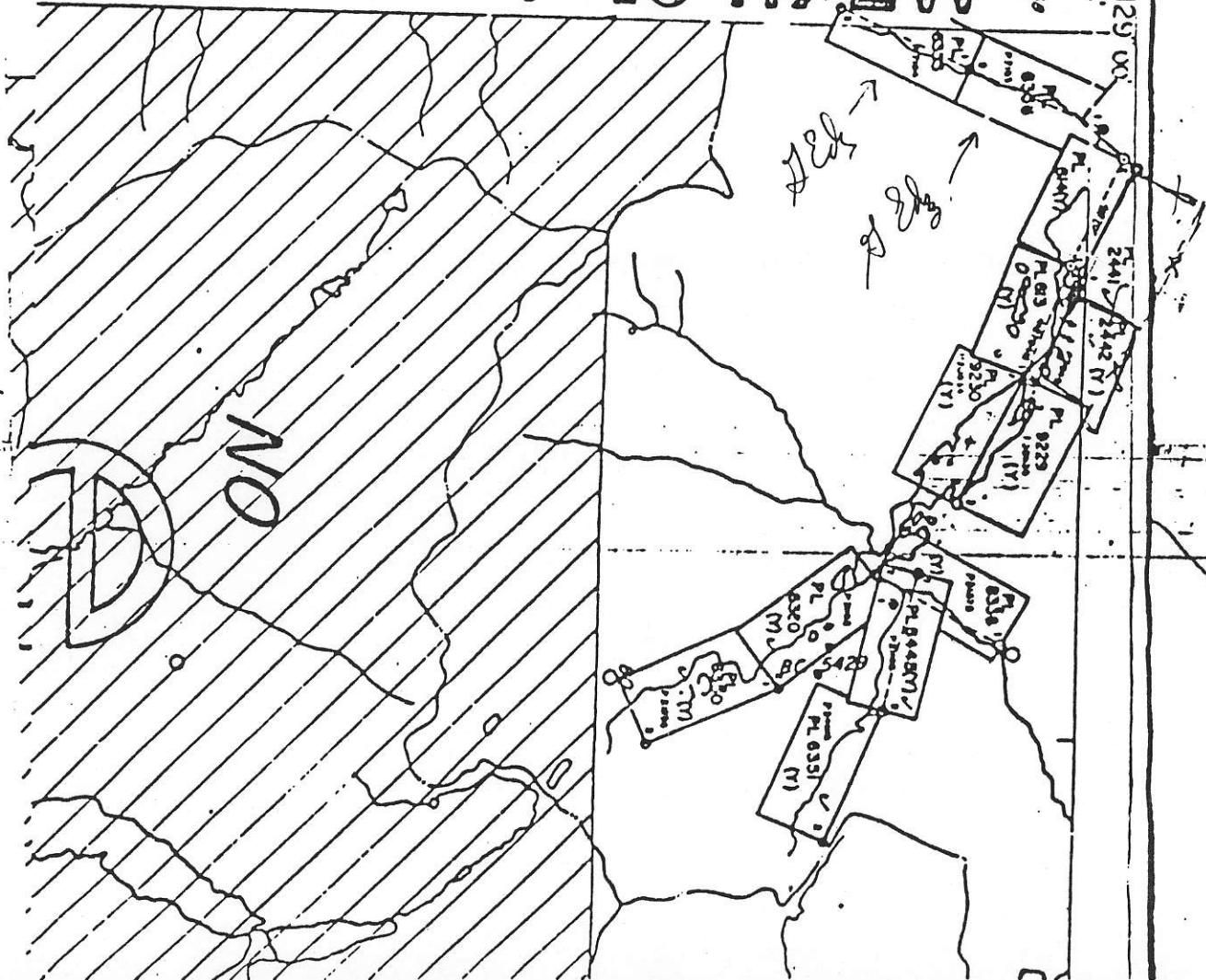
TOTAL 2

0260

P 1041/2W

59° 5'

129 00'



SCHEDULE "A"

MACHINERY AND EQUIPMENT

- 1 only 10" Electric Pump, 200 KW Caterpillar Generator
- 1 only 6" Volume Pump plus 300' Rubber Hose
- 1,000 ft. 10" Aluminum Pipe with Fittings and Accessories
- 1 only 2" Pressure Pump with 300' Rubber Hose
- 1 only 4.5 KW Generator
- 1 XBX - 11 Radio
- 6 only Oil Stoves
- 6 only Tent Frames
- 1 only Cook Shack fully Equipped
- 1 only 45 foot Sluice Box with Riffles and Dump Box

PLACER LEASES

PL9229  
PL9230  
PL9231  
PL10861  
PL10860  
PL11996  
PL11997  
PL11998  
PL11999