

3551

Part II

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3551 MAP

ADDENDUM TO
"PRELIMINARY SURVEY OF BABKIRK PLACER
GOLD AND PLATINUM PROPERTY OF
SHORE EXPLORATIONS LTD"

K. Warren Geiger,
Consulting Geologist.

September, 1971

#1 Fig. 1

PART II

ADDENDUM TO
"PRELIMINARY SURVEY OF BABKIRK PLACER GOLD
AND PLATINUM PROPERTY OF SHORE EXPLORATIONS LTD."

EXPLANATION:

Upon completion of the analysis of the preliminary survey on the Babkirk property, a verbal recommendation was made by the writer to the managers of Shore Explorations Ltd., to acquire the open ground north of the initial group of leases as far north as the High Bar Indian Reserve. This has been done with the staking of fourteen (14) new leases under the direct supervision of Hugh Currie and Roy Erickson. Figure 1 is a sketch of the location of the new leases relative to the original group.

ECONOMIC GEOLOGY:

The writer returned to the property for a few days during July with Hugh Currie and Roy Erickson to recheck some of the sampling. (Appendix A). Three samples were taken on the 'A' beach, two were taken near formerly sampled spots at 12+00 feet south - upper 1/3, and 12+00 feet south - middle/upper 1/3. In both cases the value per cubic yard increased. In the first from 5 to 15 cents and in the second from 25 to 50 cents. The third sample was taken at .18+00 ft. south, middle/upper 1/3 where no previous sample had been taken and a value of 88¢ /yard was obtained. Unfortunately at the time of sampling the river was still high and no work was possible on the lower or lower-middle part of the beach. Two further samples were taken on the lease staked by the writer for the company (Fig. 1). These samples returned values of 28¢ and 35¢ per cubic yard, very close to the 31 cents per yard obtained from sampling in the same area, but they were again from the upper half of the beach.

While staking the 14 additional leases, Currie & Erickson did some testing of the beach for their own satisfaction. They report that the gold and platinum values visually, appear as good or better than those on the original leases. Two samples (Appendix A) were taken (Fig. 1), each from the volume of two gold pans of gravel. Using a rough conversion of 6 pans per cubic foot, the value for sample 38009 C for gold, platinum and iridium is \$2.70/cuyd. and the value for sample 39010 C for gold and platinum is \$1.75/cuyd. While these values cannot be accepted as accurate they do indicate that some areas of excellent values can be found on the northern beaches.

The writer feels that because no systematic sampling of the new leases has yet been done, no increase in the beach reserves in the proven and probable categories can be considered. None-the-less, the length of beach deposits has been increased from three miles to ten miles, and the indications are that gold and platinum values persist throughout. The possible reserves of the expanded Babkirk property therefore are justifiably increased to the extent of the increase in beach material. Therefore the new ore reserves of beach material in the 63 ¢/cuyd. are:

Proven - (see main report) - 70,000 cuyd.
Probable - (see main report) - 255,000 cuyd.
Possible
 $342 \times \frac{43,500}{3} = \text{approx. } 5,000,000 \text{ cuyd.}$

(An increase of 3,300,000 cuyd. from the original report).

On the basis of the approximate cost of the mining procedure described in the main report and assuming the 63¢ /cuyd. proves valid for all categories, the possible

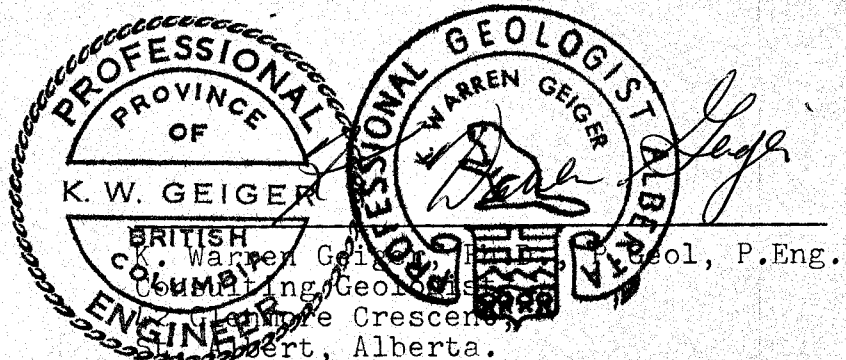
reserves would be good for 9 to 10 years at a daily mining rate of 2,600 cuyd. and a working year of 200 days.

Although no checking has been done on the beaches, there is a considerable increase in the volume of beach or terrace material present on the expanded property and there is reported (personal communication of Hugh Currie) to be another even more extensive area of old Chinese diggings on the new leases.

SUMMARY:

The land acquisition recommended by the writer upon completion of the preliminary survey has been completed and has:

- 1) Doubled the size of the property
- 2) Tripled the possible reserves of the beach deposits.
- 3) Substantially increased the volume of bench or terrace materials on the property.
- 4) Substantially improved the chances of developing an economic operation on the beaches independent of the other interesting deposits present.



Expiry Date: Nov. 4, 1971

Edmonton,
September, 1971.

APPENDIX A

ASSAYS

CREST LABORATORIES (B.C.) LTD.

1068 HOMER STREET
VANCOUVER 3, B.C.
PHONE 688-8586

CREST LABORATORIES LTD.
7911 ARGYLL ROAD
EDMONTON 82, ALBERTA
PHONE 469-2391

CERTIFICATE OF ASSAY

TO Shore Explorations Ltd.,
Box 2767, Station A,
EDMONTON, Alta.

August 12, 1971

Lab No. 2967

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	PLATINUM	Percent	SAMPLE WEIGHT		Percent	Percent	Percent	TOTAL VALUE PER TON (2000 LBS.)
	Ounces per ton	mgms per ton	Ounces per ton	Percent mgms		Percent	Percent				
38011 C	8.26		1.33	0.47		44.81	GRAMS				
38012 C	10.16		1.61	0.59		166.84	GRAMS				
38013 C	24.23		3.25	0.60		203.25	GRAMS				
38014 C	13.83		2.10	0.95		75.25	GRAMS				
38015 C	4.00		0.55	0.31		53.97	GRAMS				

NOTE:
Rejects Retained One Month
Pulps Retained Three Months
Unless Otherwise Arranged.

Gold calculated at \$..... per ounce

F. P. Bussess
Registered Assayer, Province of British Columbia

CREST LABORATORIES LTD.

7911 ARGYLL ROAD
EDMONTON 82, ALBERTA
PHONE 469-2391

CREST LABORATORIES (B.C.) LTD.
1068 HOMER STREET
VANCOUVER 3, B.C.
PHONE 686-8586

CERTIFICATE OF ASSAY

TO Shore Exploration Ltd.,
P.O. Box 2767 - Station "A"
Edmonton, Alberta.

Lab No. 88

July 20, 1971.

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED		GOLD		SILVER	PLATINUM	IRIDIUM						TOTAL VALUE PER TON (2000 LBS.)
SAMPLE NO.	SAMPLE WEIGHT	Ounces per Ton	Value per Ton	Ounces per Ton	Percent Oz./T	Percent Oz./T	Percent	Percent	Percent	Percent	Percent	
38009 C	47.512 grams	15.44	\$540.40	2.8	0.63	0.02						
39010	81.266 grams	6.32	\$221.20	1.8	0.19	Not detected						

NOTE:

Rejects retained one month.
Pulps retained three months
unless otherwise arranged.

Gold calculated at \$ 35.00 per ounce

Frank Horvat

Registered Assayer, Province of British Columbia

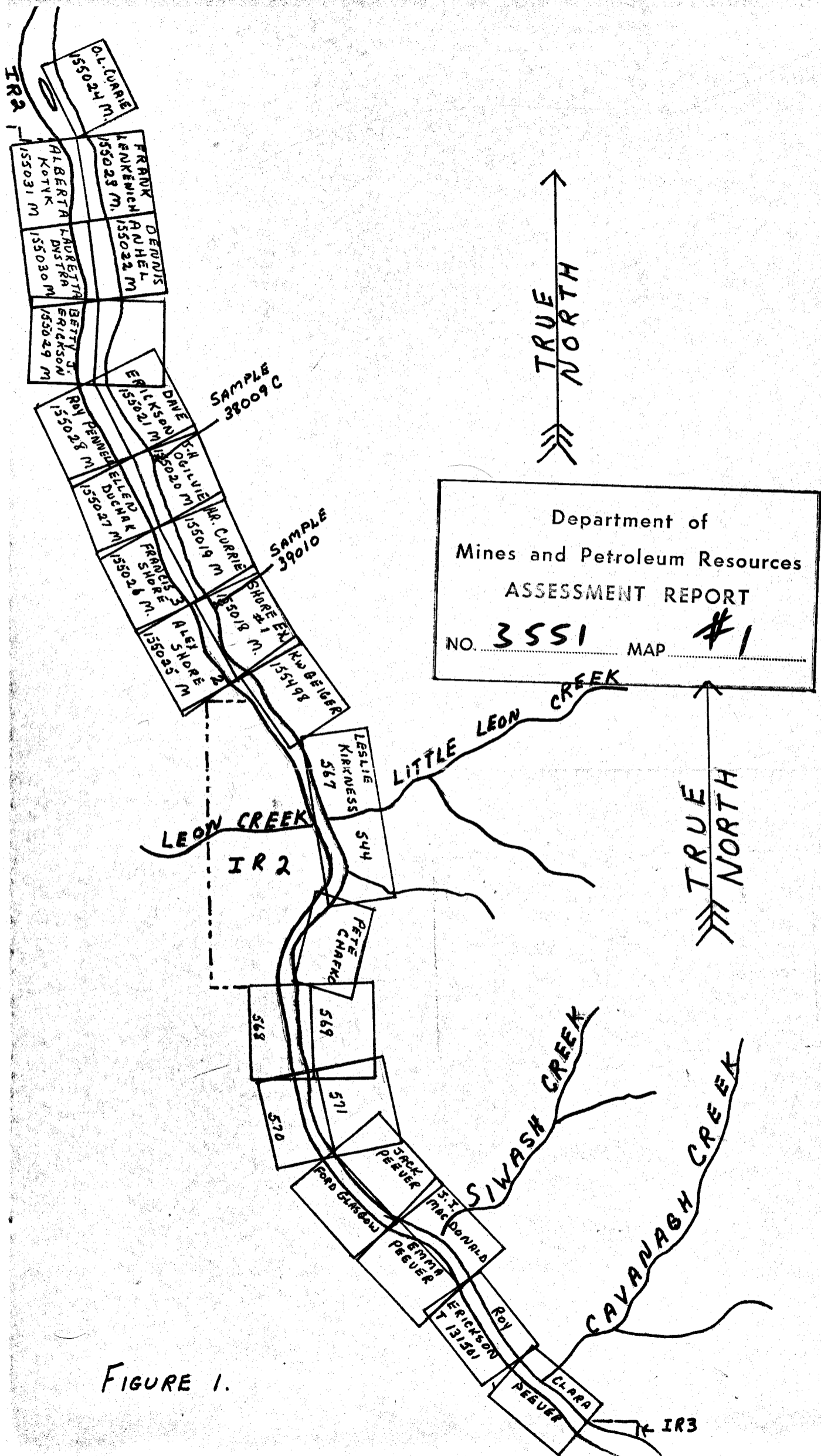


FIGURE 1.