

ASSESSMENT REPORT

Gold Soil Geochemical, Rock Assaying and Trenching Program

On The

LAXEY PROPERTY

Greenwood Mining Division

N.T.S.: 82E 2W
Latitude: 49 08 N
Longitude: 11835 E
Owner and Operator: Kettle River Resources Ltd.
Author: R.E. Reid

Period Of Work: October 8-29, 1982.
August 17-18, 1983.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,424

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SUMMARY:

This report describes the results of a soil geochemical survey, sampling and trenching program undertaken on the Laxey claim during the period of October 8th to the 29th, 1982. A baseline of 650 meters was cut and picketed for ground control. A total of 198 soil samples were collected on compass and topofil lines originating from the baseline. All samples were analysed for gold by atomic absorption.

Two trenches were blasted in rock for a total of 23 cubic meters of rock removed.

A total of 12 samples were collected in the two old workings (Great Laxey and Twin Mines) and assayed for Cu, Ag, Au, and WO_3 .

LOCATION, ACCESS, PHYSIOGRAPHY:

The Laxey claim covers a 250 meter high knoll, from Highway 3 for 1 kilometer, approximately 7 kilometers northeast of Greenwood, B.C. The topography has a moderate slope to the west and northwest with steeper slopes to the north and northeast.

Vegetation is comprised of larch, fir and pine on the westerly slopes and mainly young cedar in the old logged areas to the northeast. Recent logging has been completed along the northern slope base over the entire claim length.

Access is via Highway 3 and existing logging roads. No established trails exist to the 2 old workings.



KETTLE RIVER RESOURCES LTD.	
LOCATION PLAN	
LAXEY CLAIM	
FIG 1	
NTS: 82E/2E	GREENWOOD M.D.
DATE: Aug 1985	1 : 50,000

PROPERTY: LAXEY GROUP

CLAIM NAME	RECORD NO.	UNITS	ANNIVERSARY DATE	OWNER
Laxey	3242	6	October 7	Kettle River Resources Ltd.
Pal	3275	2	October 26	Kettle River Resources Ltd.
Iron King	3279	15	October 26	Kettle River Resources Ltd.
Ron	3273	9	October 26	Kettle River Resources Ltd.
Pipe	3165	18	August 23	Kettle River Resources Ltd.
Bonnie	3334	1	November 22	Kettle River Resources Ltd.
Ron Fr.	3333	1	November 22	Kettle River Resources Ltd.
File Fr.	3280	1	October 26	Kettle River Resources Ltd.
Baron Fr.	3281	1	October 26	Kettle River Resources Ltd.
Pipe 1 Fr.	3166	1	August 23	Kettle River Resources Ltd.
Pipe 2 Fr.	3167	1	August 23	Kettle River Resources Ltd.
Pipe 3 Fr.	3168	1	August 23	Kettle River Resources Ltd.
Pipe 4 Fr.	3169	1	August 23	Kettle River Resources Ltd.

HISTORY:

The Laxey claim covers two old, formerly Crown Granted workings known as the Great Laxey and the Twin Mine. Each of the workings consists of approximately 100' of drifts, raises, and shafts, as well as several trenches and test pits. No references have been located as to the era or by whom the work was undertaken.

GENERAL GEOLOGY AND MINERALIZATION:

Pods, lenses and veins of near massive pyrite and pyrite-magnetite occur in skarns and quartz veins near the contact of a quartz monzonite with limestones and schists of the Knob Hill Group.

GEOCHEMICAL SURVEY:

The survey consisted of collecting 198 soil samples at 20 meter intervals on compass and topofil chained lines of 50 meter separation. Sample depth varied from 2 centimeter to 7 centimeter, with the top of the "B" horizon attained where possible. The top of the "B" horizon was identified visually by colour change from the browner "A" to the yellowish "B". In a few instances of very shallow overburden samples consisted mainly of loamy material with fine rock chips.

The soil samples were taken by hand from holes dug with a shovel and placed in kraft envelopes. The samples were sent to Min-En Laboratories Ltd. in North Vancouver, B.C., for analysis for gold. The values obtained for gold in parts per billion are shown on the accompanying Plan Figure 5.

ANALYTICAL PROCEDURE:

At Min-En Laboratories Ltd., the samples are dried at 95°C and screened to -80 mesh. A 5 gram portion of the sample is treated in a Nitric and Perchloric mixture, then digested in aqua-regia. This is then diluted with 25% HCL to a suitable volume. Further oxidation and treatment of a minimum of 75% of the original sample solution is made suitable for the extraction of gold with MIBK. The resulting solution is analysed by atomic absorption equipment with a detection limit of 5 ppb.

CONCLUSIONS:

Of the 198 samples analysed, only 2 returned significant, although weak anomalous values. The 20 ppb value at 205 on Line 100W is surrounded by non-anomalous values indicating that if the value represents gold positive structure, the structure is probably too small to warrant further work.

The 30 ppb anomaly at 605 on Line 50E being on the extremities of the grid, indicates further sampling should be conducted in that area.

ROCK ASSAYS:

The 5 samples that were taken from the Great Laxey workings and the 7 from the Twin Mine working. Results and locations are as shown on the accompanying Plans, Figure 3 and Figure 4.

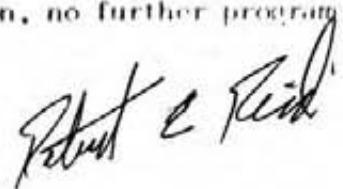
PHYSICAL WORK:

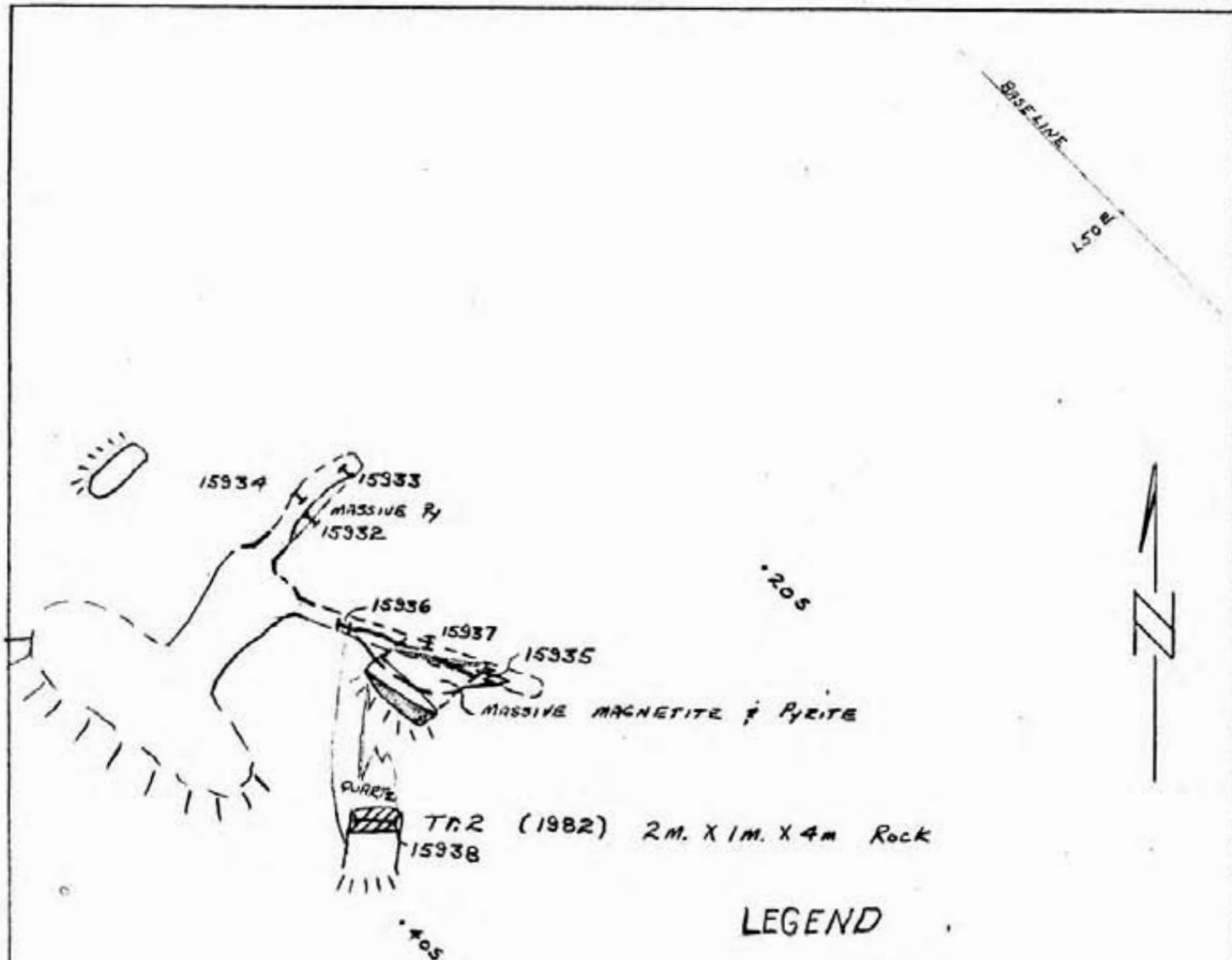
One trench was blasted to expose a skarn hosted showing near the Great Laxey. A second trench was blasted to expose a quartz vein near the Twin Mine adit. Dimensions and location of the trenches are shown on the accompanying Plans, Figure 3 and Figure 4.

CONCLUSIONS AND RECOMMENDATIONS:

The program completed to date indicates that the mineralized zones on the claim contain anomalous although sub-economic values for copper and silver. The gold values are indicative of similar type deposits in the camp, and are considered to be insignificant in context with the size potential of the zones.

With the exception of further sampling to the east of Line 50E to test for a possible extension in that direction, no further program is recommended.





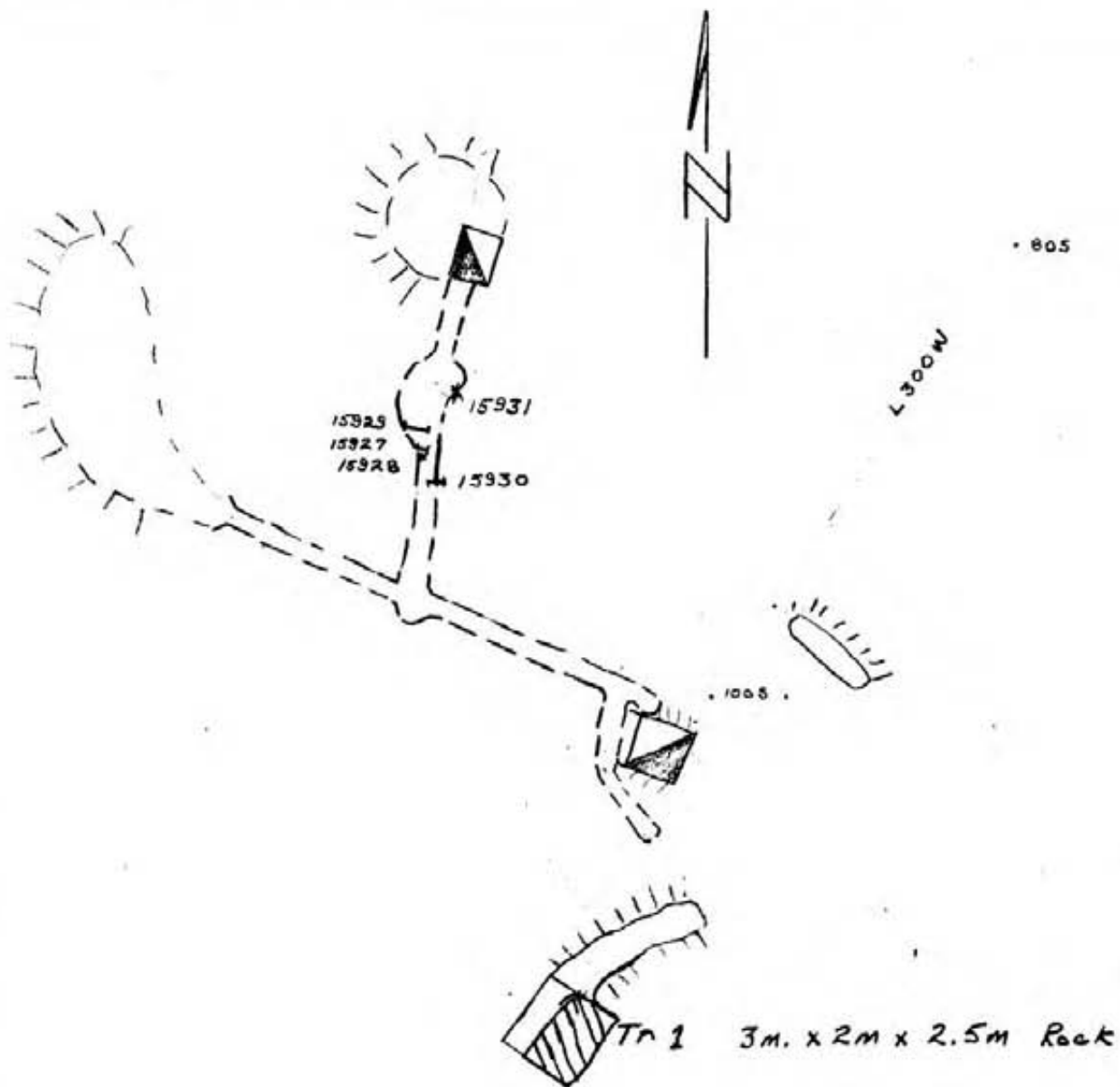
LEGEND

- Y PORTAL
- DRIFT
- ▨ SHAFT OR WINZE
- ▭ TRENCH OR PIT
- |||| DUMP
- 128 SAMPLE SITE & NUMBER

ASSAYS

No.	Cu%	WO ₃ %	Ag oz/Ton	Au oz/Ton	
15932	.218	.001	.29	.002	MASSIVE PyRITE
15933	.162	.001	.11	.001	SKARN
15934	.131	.001	.07	.001	QUARTZ
15935	.312	.001	.21	.002	MASSIVE MAGNETITE - PYRITE
15936	.099	.001	.02	.001	"CRUSHED" QUARTZ
15937	.065	.001	.11	.001	SKARN
15938	.013	.001	.02	.001	QUARTZ

KETTLE RIVER RESOURCES LTD.
 LAXEY CLAIM
 TWIN MINE WORKINGS
SAMPLE SITES & TRENCHING
 1:250 FIG. 3
 R.E.R. Nov. 1982.



ASSAYS:

No.	Cu%	WO ₃ %	Ag g/T	Au g/T
15927	.249	.001	.36	.002
15928	.296	.002	8.75	.019
15929	.042	.001	.10	.001
15930	.017	.001	.24	.002
15931	1.020	.001	21.60	.041

LEGEND

	PORTAL
	DRIFT
	SHAFT OR WINZE
	TRENCH OR PIT
	DUMP
	M 195- SAMPLE SITE # NUMBER

KETTLE RIVER RESOURCES LTD.

LAXEY CLAIM
 GREAT LAXEY WORKINGS
 SAMPLE SITES & TRENCHING

1:250

R.E.R.

FIG. 4

NOV 1992

STATEMENT OF COSTS

1). PROFESSIONAL SERVICES:

R.Reid
 Supervision, sampling, mapping.
 Report Preparation.
 Oct. 8-10, Oct. 27-29, 1982.
 Aug. 17-18, 1983.
 8 days @ \$150.00/day 1,200.00

2). LABOUR:

T. Klemm)
 R. Wintermeyer) --Oct. 8, 28, 29, 1982.
 Line cutting and sampling.
 6 Man days @ \$100.00/day 600.00

3). TRANSPORTATION:

4x4 Blazer
 6 days @ \$36.00/day 216.00

4). ANALYSIS AND ASSAYING:

198 Geochemical analysis for Au
 @ \$5.85/sample 1,158.30

12 Assays for Cu, Ag, Au, and WO_3
 @ \$36.75/sample 441.00

5). SECRETARIAL, PRINTING, ETC.

50.00

TOTAL REPORT

3,665.30

6). TRENCHING:

Trench #1, Great Laxey (Fig. 4)
 3m x 2m x 2.5m Rock
 15 cubic meters x \$60.00 900.00

Trench #2, Twin Mine (Fig. 3)
 2m x 1m x 4m Rock
 8 cubic meters x \$60.00 480.00

TOTAL PHYSICAL

1,380.00

TOTAL SPENT

\$5,045.00

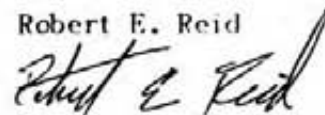
STATEMENT OF QUALIFICATIONS

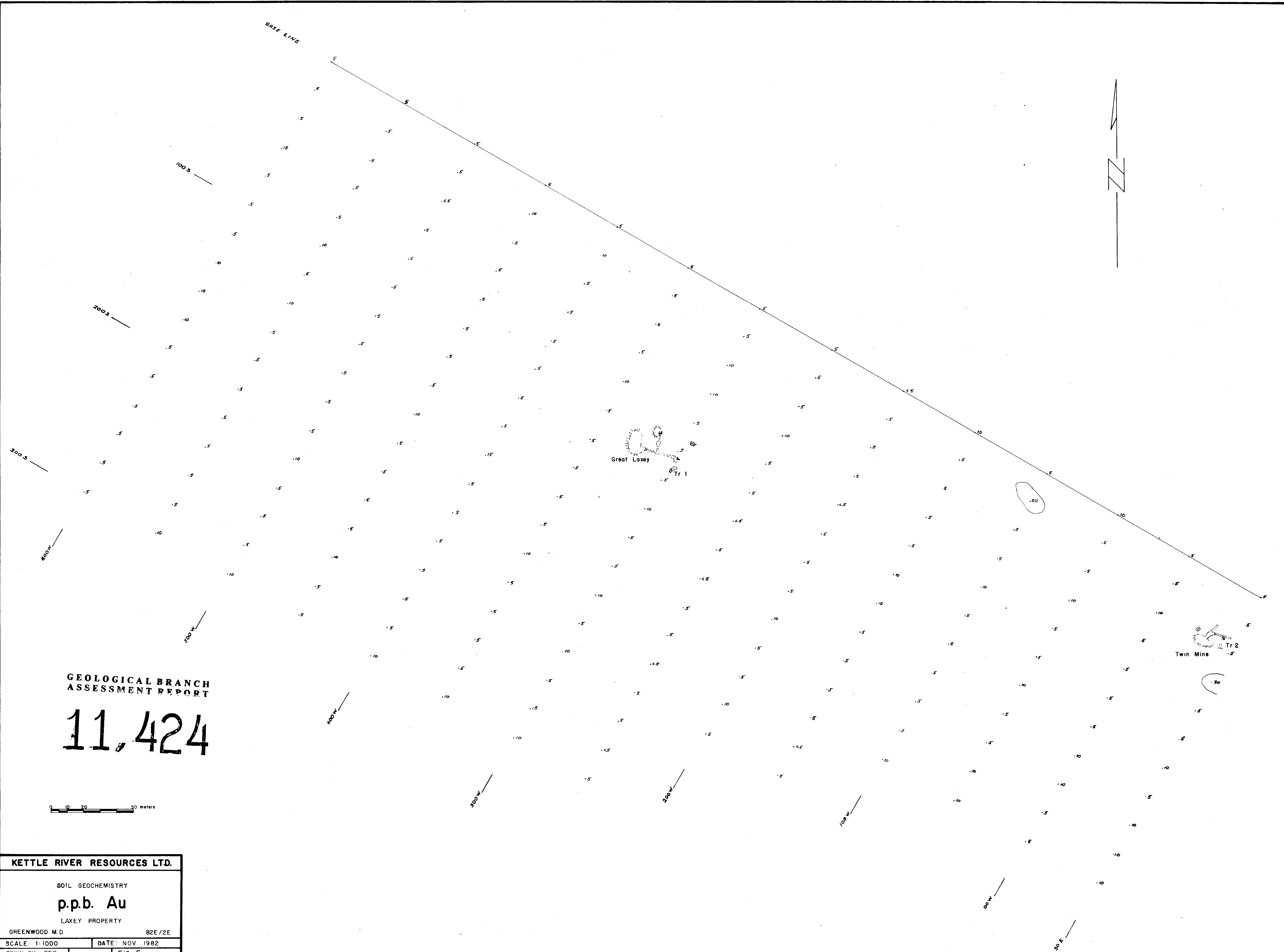
I, Robert E. Reid of Box 3669, Elgin Ave., Smithers, B.C. hereby certify that:

1. I am a consulting geologist and principal of Reid Exploration Services Limited.
2. I have practised my profession in western North America for 12 years.
3. I am a graduate of the University of British Columbia. (BSc 1971)
4. I am a fellow of the Geological Association of Canada, and a member of the Canadian Institute of Mining and Metallurgy.
5. This Report is based on field work either done by or directly supervised by me.

Greenwood, B.C.
August 22, 1983

Robert E. Reid





GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,424

0 10 20 50 meters

KETTLE RIVER RESOURCES LTD.	
SOIL GEOCHEMISTRY	
p.p.b. Au	
LAXEY PROPERTY	
GREENWOOD M.D	82E/2E
SCALE: 1:1000	DATE: NOV. 1982
DRWN BY: RER	FIG. 5