

MAP NO.: ASSESSMENT REPORT X
116 B /3 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093022
MINING DISTRICT: Dawson
TYPE OF WORK: Geochemistry - Rock and
Soil Sampling

REPORT FILED UNDER: Robert Truswell

DATE PERFORMED: September 11 - 12, 1991.

DATE FILED: February 5, 1992

LOCATION: LAT.: 64°07'N
LONG.: 139°12'W

ARFA: Dawson City Area
VALUE \$: 2,045.10

CLAIM NAME & NO.: Easten 1 - 10, YB17920 - YB17929,
Great Eastern Apex 1 - 4 YB05580 - YB05583.

WORK DONE BY: G.N. Allan and B.A. Lueck.

WORK DONE FOR: Robert Truswell

DATE TO GOOD STANDING:

REMARKS: # 116 - B - Dawson City Area
A total of 13 soil samples and 5 rock samples were collected on the property. A series of blast holes were also dug. One rock sample returned anomalous amounts of gold.

at Whitehorse and the report will
be available to the public and
the public will be able to
know what is going on in the
territory.



The following is a report
prepared for the
Department of
Mines and Technical
Services.

REPORT

on the

LEPINE PROPERTY

**Dawson Mining District
Yukon Territory
NTS 116B/3**

CLAIMS

**Great Eastern Apex 1 - 4 (YB05580-YB05583)
Easten 1 - 10 (YB17929)**

for

Robert Truswell

by

**G.N. Allan, B.A., Box 5727, Whitehorse, Yukon, Y1A 5L5
B.A. Lueck, Hon. B.Sc., Whitehorse, Yukon**

January 15, 1992



093022

SUMMARY

The 1991 project at Lepine Creek on the Eastern and Great Eastern Apex claim group identified significant gold mineralization south of previously identified locations.

In the new zone the Ruitter zone, 7, 18" holes were hand drilled in frozen ground, 21 cu. yards of frozen material was removed by blasting and hand digging.

In the old zone, the Tupper Adit, 10 1/2 feet into frozen material was hand drilled, and previously broken rock totally 20 cu. yards was removed by blasting and hand digging.

18 samples were taken and assayed. Results varied from 6 ppb to 1294 ppb gold. A further 15 samples were left on site.

More detailed trenching in the Ruitter Zone and further excavation and geological mapping of the Tupper adit would be useful for further evaluation.

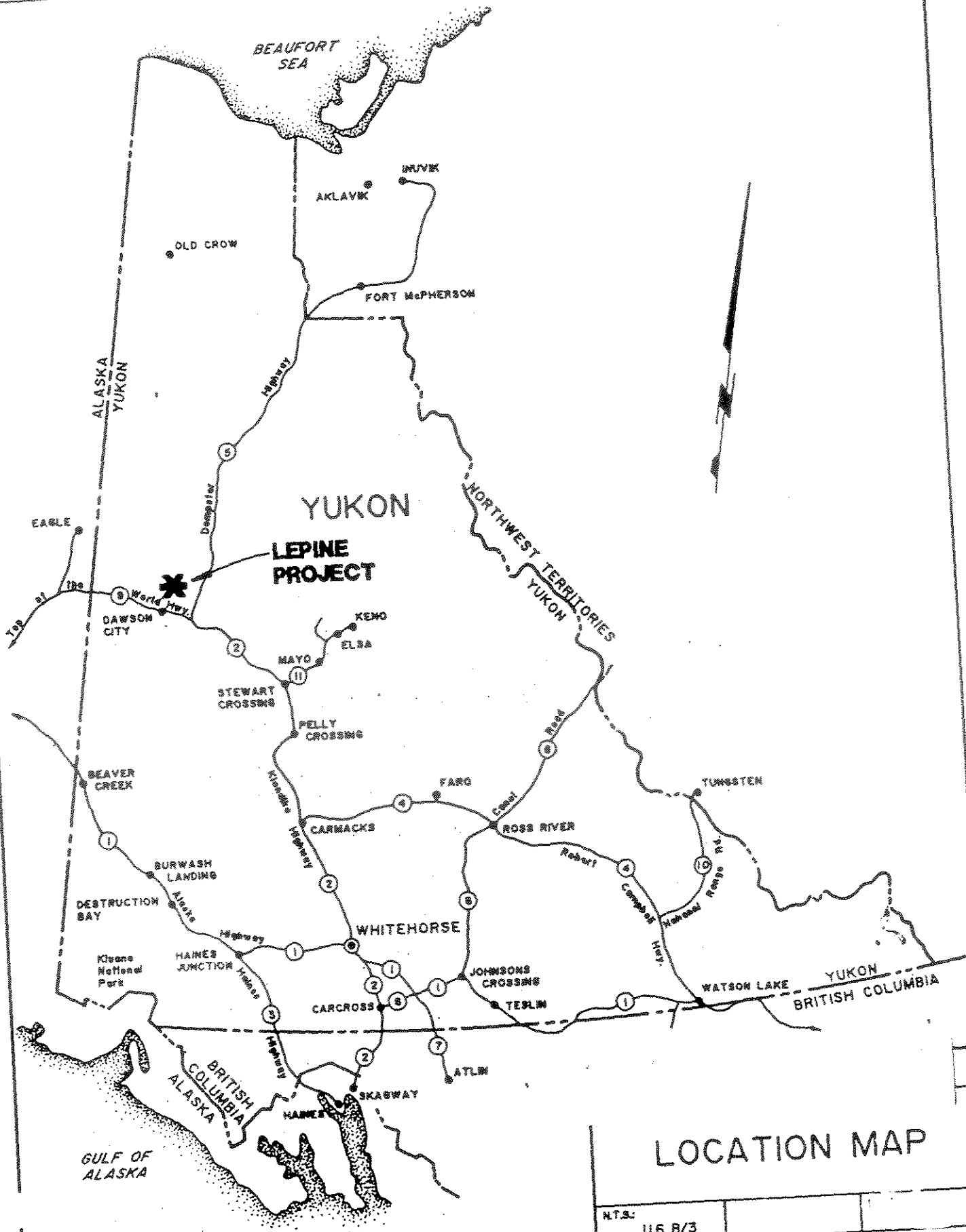
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FIG. 1



LOCATION MAP

N.T.S.	116 B/3	
SCALE:	1"=12.5ml.	FIGURE:

INTRODUCTION

Robert Truswell and Grant Allan financed and completed a program of blast pits and sampling on the Lepine Property. Supplies and explosives were purchased in Whitehorse and taken to the claims.

Frozen material was hand drilled and blasted and 18 samples taken. 10 samples gave low levels of gold (12 to 38 ppb), and one sample which carried 1294 ppb gold. The rest were under 10 ppb gold.

LOCATION AND ACCESS (Figure 1)

The Lepine Property on map sheet 116B/3 about 15 km northeast of Dawson City in the Yukon. Access to the property is by helicopter from Dawson. Late in the summer the property can be reached by motor bike or all terrain vehicle along an abandoned pipeline road going over the Midnight Dome.

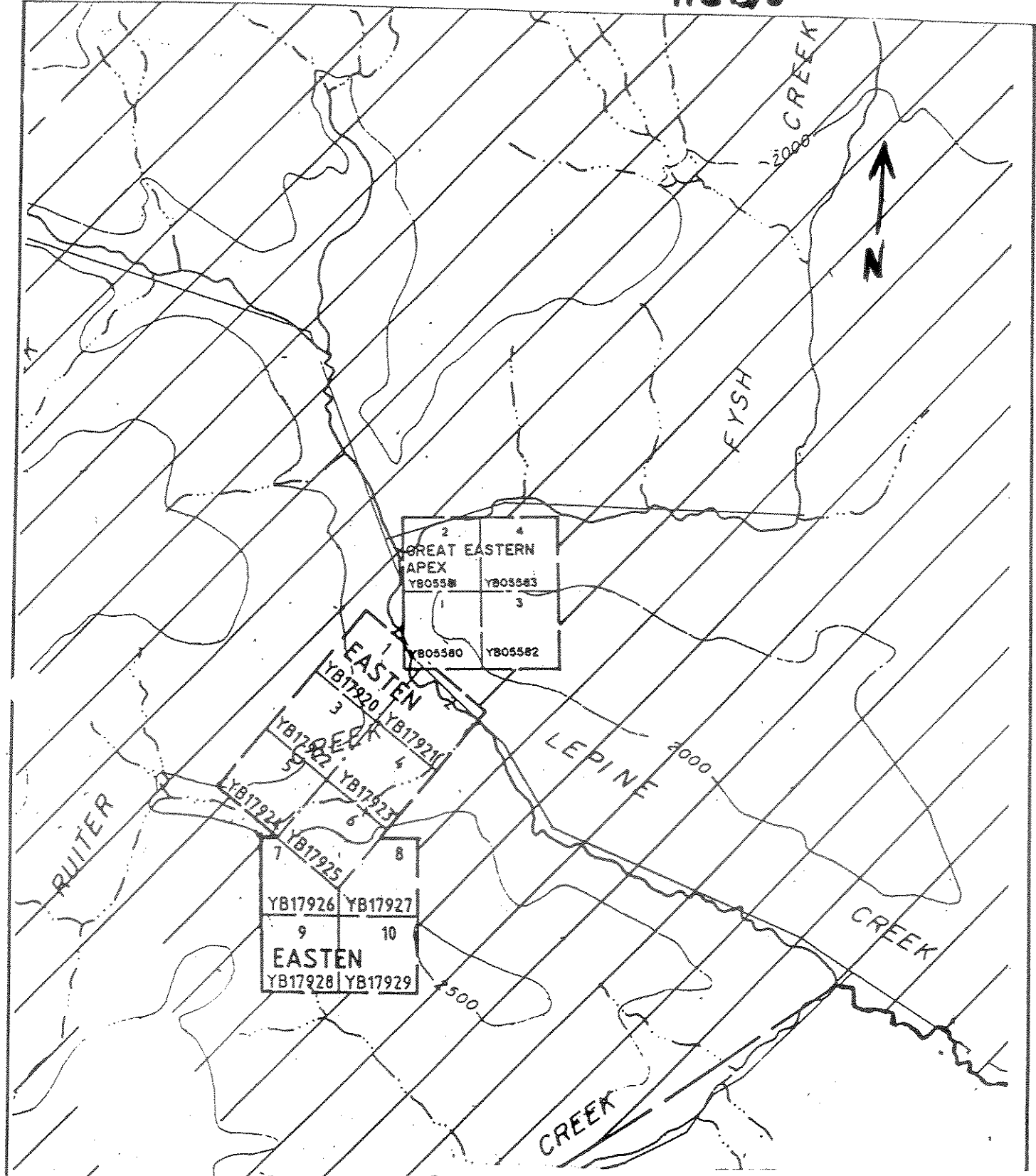
TOPOGRAPHY AND VEGETATION

Topographic relief on the property is quite moderate with maximum relief at 500 feet. Vegetation in the valleys is quite swamping with the development of extensive permafrost. Scrub spruce and dwarf birch grows over all of the property.

MINERAL PROPERTY AND OWNERSHIP (Figure 2)

The property consists of 10 Easten claims owned by Robert Truswell and 4 Great Eastern Apex claims also owned by Robert Truswell. The claim information is as follows:

<u>Claim Name</u>	<u>Grant Number</u>
Easten 1-10 12	YB17920-YB17929
Great Eastern/ Apex 1-4	YB05580-YB05583



LEPINE PROJECT	
CLAIM LOCATION	
SCALE 1 : 31,680	FILE N° : 116 B/3
	FIGURE 2

HISTORY

The area was first staked between 1899 and 1900, the first claim being Elkhorn, Dynamo etc. Over 100 mineral claims were staked. Several of the claims were surveyed and taken to lease. The area was extensively explored during this period with over 230 shallow shafts, pits and open cuts completed by 1914. A 100 foot built on Ruiter Creek but there is no record of any production.

In March 1980, Clarke Ashley staked the Spec Claim to the southwest. He performed mapping, geochemistry and VLF EM surveys over the ground.

In 1983, Dawson Eldorado Gold restaked part of the ground as the Klep Claim. In 1984, they staked more ground to cover the adit.

In 1988, Robert Truswell and his partner staked the ground as the Great Eastern and the Eastern Claims.

In 1989 Robert Truswell financed by a grubstake agreement with Placer Dome took 113 soil samples which were weakly anomalous in gold.

In 1990 the four Great Eastern Apex claims were transferred to Robert Truswell.

GEOLOGY AND MINERALIZATION

The area is underlain by medium-green chlorite-quartz-muscovite and rusty-tan quartz-muscovite schist with minor carbonaceous quartzite, cut by dykes of extensively altered, unfoliated quartz porphyry. The schists are locally silicified adjacent to the dykes. The nature of the mineralization is thought to be vein mineralization related to the altered dykes. The mill test ore from the adit reportedly returned 0.2 to 0.25 oz/ton gold. Samples of mineralized material from the adit taken in 1989, gave only background levels of gold. One galena rich grab sample gave 0.2% lead and 5 ppm silver. Samples of altered dyke material gave very low values for all elements.

1991 FIELD PROGRAM AND SAMPLING PROCEDURES

Robert Truswell on September 11 and 12 travelled to the property and hand drilled 7, 18" holes in the frozen ground. An explosive charge was detonated and 3 cu. yards of frozen material was removed from each location.

Locations 1, 2, 3 and 4 are on claim B17927. They are located on the right limit of Ruiter Creek on the downstream side of the 2nd pup at 75 metre intervals on a line parallel to and 250 metres south of the northern limit of YB17927.

Locations 5, 6, and 7 are on claim YB17925. They are located on the right limit of Ruiter

Creek on the upstream side of the 2nd pup at 75 metre intervals on the same line as samples 1, 2, 3 and 4. See Figure 3 (sample location map).

Five rock samples and 13 soil samples were taken. The samples were taken and stored in marked paper bags inside of plastic bags, and taken by Grant Allan to NAL Laboratories in Whitehorse for assay.

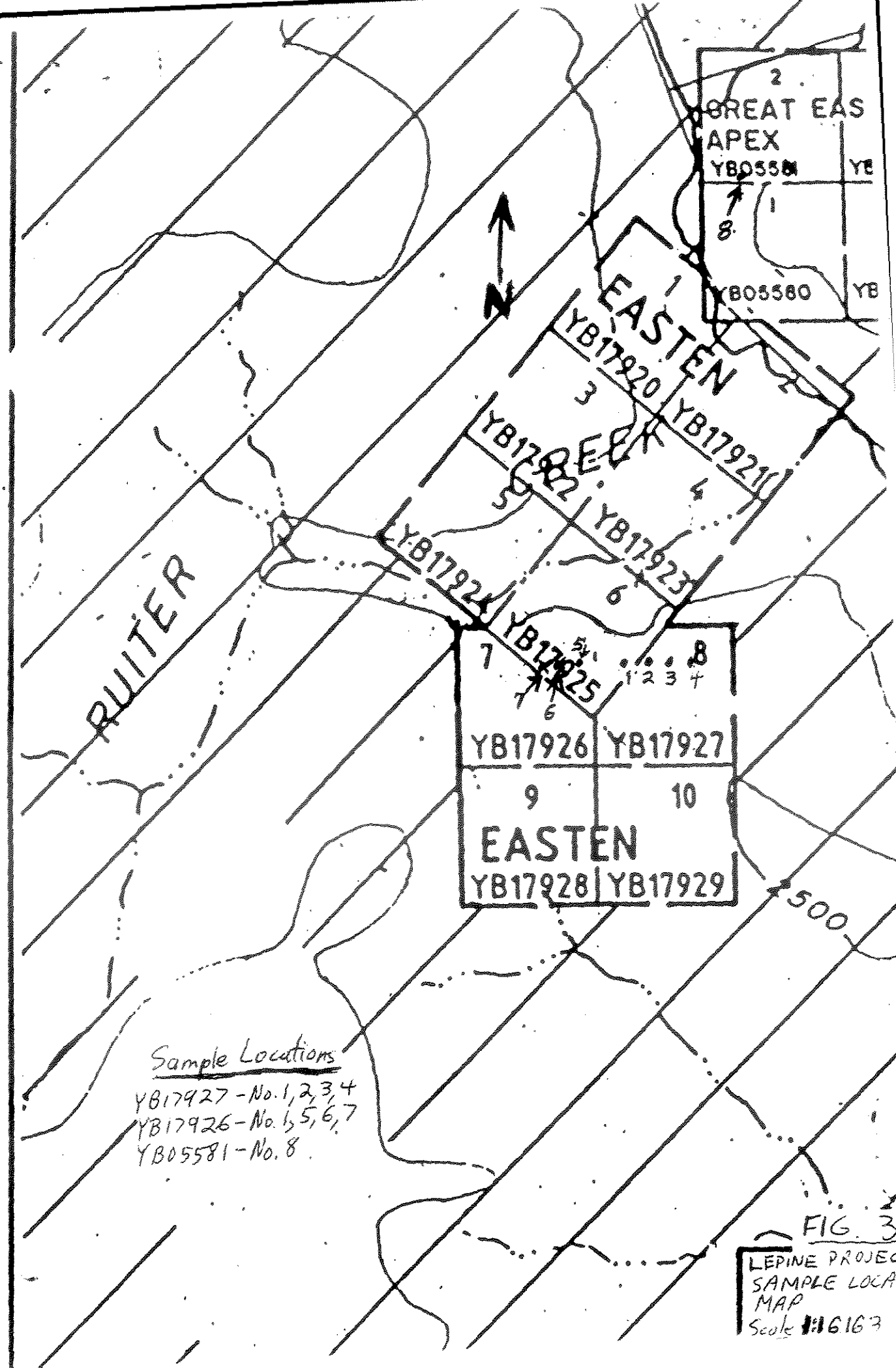
Robert Truswell also hand drilled 10 1/2 feet in frozen material and blasted broken rock in the old tupper adit on claim YB05581. Approximately 20 cu. yds were excavated.

Twelve rock samples were collected and 11 were left near the adit. A further 3 rock samples were taken from outcrop on the left limit of Ruitter Creek and left for later pick-up. Due to weather and mechanical problems these 14 rock samples have not as yet been picked up for analysis.

SAMPLE RESULTS

The sample locations are plotted on Figure 3. The analysis are tabulated in Appendix 1.

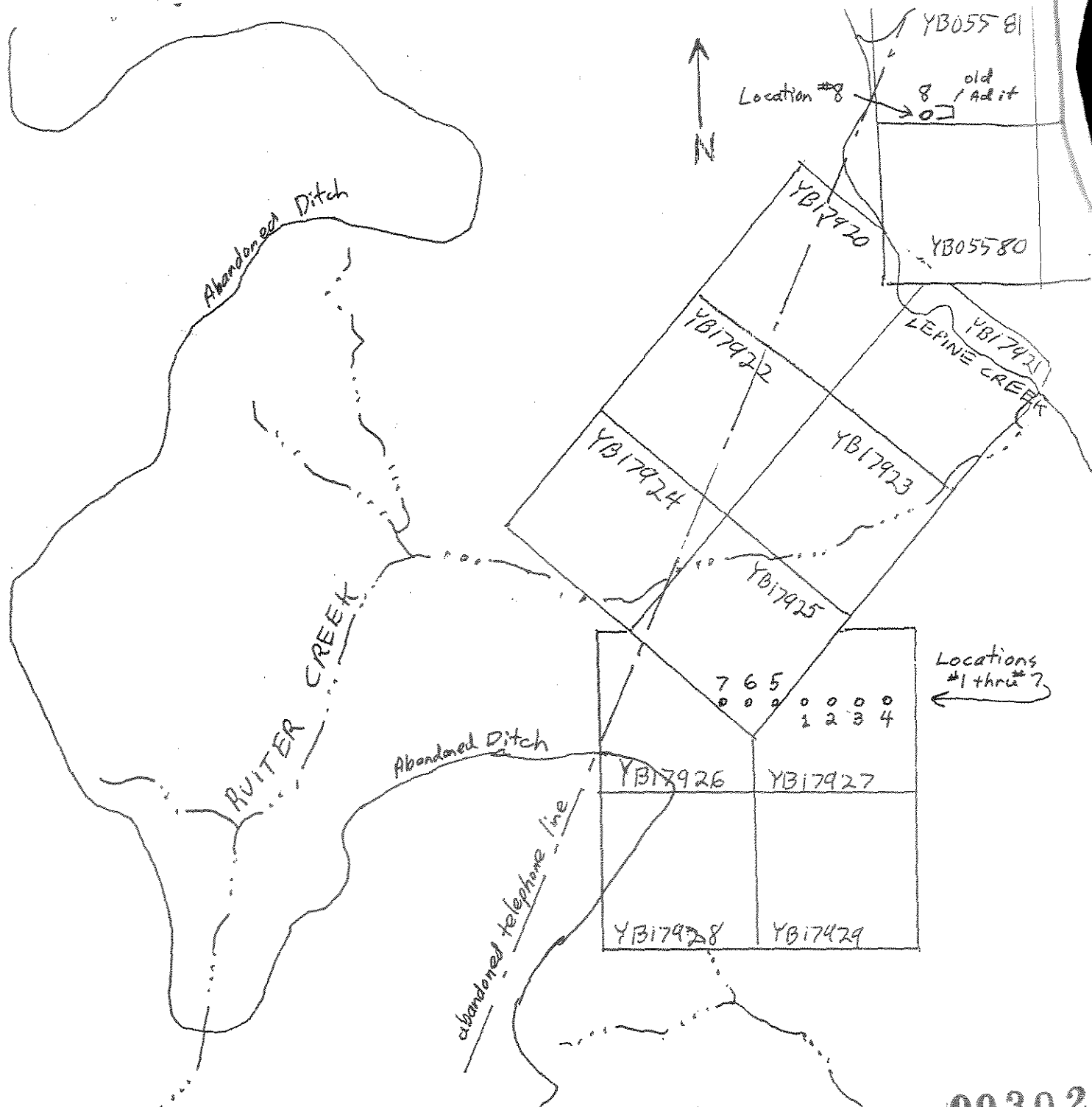
The assay results are slightly anomalous in gold with analysis up to 30 ppb with one rock sample of 1294 ppb. This shows the existence of significant gold mineralization in the area south of the old workings. Because of the low gold values along with a significant sample indicates a possible problem with using soil sampling in this area to identify and locate gold mineralized zones.



Sample Locations

- YB17927 - No. 1, 2, 3, 4
- YB17926 - No. 5, 6, 7
- YB05581 - No. 8

FIG. 3
 LEPINE PROJECT
 SAMPLE LOCAT
 MAP
 Scale 1:16163



Sample Locations

Claim number

- YB17927 Location no.1, soil sample A-1;
Location no.2, soil sample A-2;
Location no.3, soil sample A-3; rock sample A-3-R;
Location no.4, soil sample A-4; rock sample A-4-R;
- YB17925 Location no.5, soil samples A-5-1 and A-5-2,
rock sample A-5-R;
Location no.6, soil samples A-6, A-6-1, A-6-2,
A-6-3, A-6-4;
Location no.7, soil samples A-7-1, A-7-2;
rock sample A-7-R;
- YB05581 Location no.8, rock sample A-8-R;

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FIG. 3
LEPINE PROJECT
SAMPLE LOCATION
MAP
Scale 1:16163
Small

CONCLUSIONS

The assay results indicate gold mineralization approximately 2 km. south of previously known gold mineralization. Most of the samples indicate weak mineralization. However the presence of a significant assay in one sample indicates that sampling of soils may not be a useful method for exploration of this mineralized system.

RECOMMENDATIONS

The results on the Lepine property indicate there is gold mineralization in other areas of the property than previously known. Detailed trenching in the areas of known mineralization and excavation sampling and geological mapping in the old Tupper adit is recommended to provide data to further analyze the potential of this property.

STATEMENT OF EXPENDITURES

Personnel

Robert Truswell
(2 days @ \$150.00 per day) \$300.00 ✓

Grant Allan
(3 days @ \$150.00 per day) \$450.00 ✓

Camp, Room and Food
(3 days @ \$100.00 per day) \$300.00

Vehicle Expense
(3 days @ \$50.00 per day) \$150.00

(Explosives) \$286.60

Assaying
18 samples \$192.60

Misc. Supplies
(flagging, shovel, sample bags) \$65.90

Report and Drafting \$ 300.00

TOTAL \$2,045.10

STATEMENT OF QUALIFICATIONS

I, Brian Lueck, do hereby certify that:

1. I am a graduate of the University of British Columbia, Vancouver, British Columbia, with an Honours B.Sc. in geology in 1985.
2. I completed the course work for a Master Sc. in geology in 1988.
3. I have been active in mineral exploration for 8 years.
4. I am currently a director of Lodestar Explorations Inc.
5. This report is based upon my research and the data collected by Robert Truswell.



Brian Lueck, Honours, B.Sc.

Whitehorse, Yukon
January 15, 1992

STATEMENT OF QUALIFICATIONS

I, Grant N. Allan, do hereby certify that:

1. I am a graduate of Sir Wilfred Laurier University, Waterloo, Ontario with a B.A. in geography in 1973.
2. I am a graduate of the B.C. and Yukon Chamber of Mines advanced prospecting course in 1991.
3. I have been actively working at mineral exploration and mine development for the past 4 years and part time for 15 years before that.
4. This report is based upon my research, field examination and the work performed by Robert Truswell.



Grant N. Allan, B.A.

Whitehorse, Yukon
January 15, 1992

Additional Information re: Assessment report on the Lepine Property.

The three days work that I, Grant Allan spent on this project, aside from some planning, preparation, research and report preparation, consisted of:

Day one -acquiring supplies and equipment and travelling to Dawson from Whitehorse.

Day two - acquiring supplies and project preparation and equipment repair.

Day three - equipment repair and returning to Whitehorse.

Mr. Lueck served as a consultant, aiding in analyzing existing data, in planning the project and in interpreting the results.



Grant Allan B.A.

Whitehorse, Yukon Territory
April 25 1992..

0930 22

October 18, 1991

Work Order # 13464

Prospects North

Assay Certificate For Samples Provided

Sample #	Au ppb
A-4-R	21
A-6-3	24
A-4	8
A-6-1	17
A-2	16
A-7-2	8
A-5-2	12
A-5-1	6
A-3	7
A-6-1	13
A-1	6
A-6-2	9
A-7-1	23
A-6-4	15
A-5-R	38
A-7-R	8
A-8-R	34
A-3-R	1294

Certified by Chyokki

