REPORT ON THE SEL MINERAL CLAIMS

WATSON LAKE MINING DISTRICT, YUKON

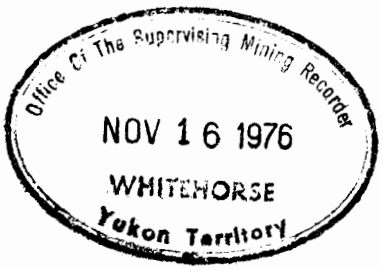
FOR

TRIDENT RESOURCES INCORPORATED (N.P.L.)

F. Holcapek, P. Eng.
Geologist

Vancouver, B. C.
October 28, 1976

AGILIS ENGINEERING LTD.
CONSULTING ENGINEERS & GEOLOGISTS
107-325 HOWE STREET, VANCOUVER, B.C. V6C 1Z7



This report has been examined by the Geological Exploration Unit and is recommended to the Commissioner to be considered as representation work in the amount of $ 27,798.94

W D Sinclair
for Assistant Geologist or
~~Assistant Mining Engineer~~

Considered as representation work under Section 58 (4) Yukon Quartz Mining Act.

B.R. BAXTER
Supervising Mining Recorder

for Commissioner of Yukon Territory

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WATSON LAKE MINING DISTRICT, YUKON

FOR

TRIDENT RESOURCES INCORPORATED (N.P.L.)

1-00 INTRODUCTION:

This report is based on geological mapping, soil sampling and trenching during the period of June 15 to August 30, 1976.

A crew of two men under the supervision of the writer was engaged.

The purpose of the program was to clarify the geological setting and check on extent and grade of indicated zinc mineralization.

1-10 Ownership and Title:

The property is held by Trident Resources Inc. and consists of the following contiguous mineral claims:

Claim Name:	Record Number:	Record Date:
Sel 1 - 24	Y 73933 - 56	October 31, 1976
Sel 25 - 24	Y 74134 - 43	November 29, 1976
Sel 69 - 78	Y 74178 - 87	August 30, 1973
Sel 79 - 98	Y 74188 - 207	August 30, 1973
Sel 102,104,106,108	Y 74211,13,15,17	August 30, 1973
Sel 180,182,184,186	Y 74498,500,502,504	November 5, 1976
Sel 188,190,192,194	Y 74506,08,10,12	October 1, 1973
Sel 196,198,200	Y 74514,16,18	October 1, 1973
Sel 202,204	Y 74520,22	October 1, 1973

1-20 History:

The first major discovery in the general area of the SEL claims was the McMillan Pass base metal deposit approximately 24 miles north of the property. Hudson Bay Explorations and Development Co. Ltd., conducted extensive exploration from 1951 to 1970 and outlined ore reserves of 7 million tons grading 8% lead, 8% zinc and 2.7 ounces silver per ton.

There are two ore zones on the property. The west zone is concordant with the bedding of the sediments. The host rock is a barite rich limestone which passes along strike into black graphitic argillites within a few hundred feet of the mineralized zone. The east zone is considered to be a mineralized fault zone. The same company investigated a copper-zinc zone five miles south of the SEL claims. This showing is associated with a small intrusive stock.

During 1973, the Selwyn Syndicate was formed to prospect the Selwyn Basin area for sedimentary sulphide deposits. A two man party was engaged in prospecting and regional silt and soil sampling using a total heavy metal kit. The discovery of gold bearing quartz veins and total heavy metal anomaly lead to more detailed exploration and the staking of the SEL mineral claims.

2-00 GEOGRAPHY:

2-10 Location and Access:

The property is located on the divide of the headwater of the Ross and Pelly River some 110 miles east of the community of Ross River, Yukon Territory.

Co-ordinates of the claim group are 62°51' N. Latitude and 129°53'W. Longitude.

Access to the mineral claims are by gravel roads from Whitehorse or Watson Lake to Ross River, and by scheduled airline from Whitehorse to Ross River, and then by helicopter to the property, a distance of 110 miles. The Canol Road runs approximately 15 miles north of the property via a timbered valley.

2-20 Physiography and Climate:

The gold showing is exposed on the north flank of a ridge from elevations of 5,000 to 6,100 feet. The heavy metal and zinc soil anomaly lies along the southern extension of the same ridge at the break of the slope at an elevation of about 4,500 feet.

The entire claim group lies above tree line with light brush along the southern boundary of the property. Topography in the area is generally steep, occasionally precipitous. A wide open valley lies immediately south of the claim group.

The mineral claim group lies near the central portion of the Yukon-Northwest Territories border, close to the northern tree line. Temperatures are extremely cold during winter with snow cover from October to mid June. Summers are mild with moderate precipitation. Snow fall during early and late summer is common but seldom lasts for more than a few days.

3-00 GEOLOGY:

3-10 Regional Geology:

The property area has been mapped by the Geological Survey of Canada and information has been published on Sheet 8 - 1967 Geology of the Nahanni. The area is shown to be underlain by Devonian and Mississippian black shales, argillites, chert pebble conglomerate, chert sandstone and siltstone with minor brown sandstone, siltstone and banded chert. A three to four mile diameter Cretaceous intrusive stock of medium grained granodiorite cuts the sediments.

Copper-zinc mineralization is reported to be associated with a small intrusive stock 5 miles south of the property.

3-20 Local Geology:

Geological mapping of the SEL mineral claims shows that the property is underlain by sedimentary units, Devonian in age. An attempt was made to map the stratigraphic sequence of the rock units, but extensive talus cover and poor rock exposure made this difficult. The following rock units were mapped:

Brown weathering shales containing minor pyrite

Silvery weathering shales - this rock unit is typical for the Devonian shale sequence.

Brown to rusty shales; numerous narrow quartz stringers in places. This unit appears to become sandy along the base.

Black shaly cherts and massive cherts. This unit forms prominent outcrops along the base of the slope.

Numerous fragments of pebble conglomerate and banded barite interbedded with black chert and sandstone have been found within the talus between the brown shales and the chert unit but have not been located in place.

The rock units show evidence of tight secondary folding having amplitudes less than 150 feet. Fold axes, where observed, plunge northwesterly. From a regional viewpoint the property appears to straddle the eastern limb of a northwesterly trending anticline. Faulting is indicated in several places but heavy overburden and talus cover obliterate details of movement or displacement.

3-30 Mineralization:

Pyrite has been found associated with the brown and black shales as disseminations, nodules or finegrained knots up to three inches in diameter.

Barite, well bedded and sedimentary in origin, has been found as float within the talus slopes. The largest fragment was in excess of 6 inches thick across the bedding.

Several large gossan zones have been located along the break of the slope. A series of springs suggest the trace of a fault zone. On Sel # 4 and # 5 a zone of narrow quartz stringer about 10 feet wide is outcropping. Mineralization consists of arsenopyrite and pyrite carrying low gold values in quartz

veinlets less than 3 inches wide.

Numerous rock chip samples and soil samples were submitted to check indicated total heavy metal anomalies. The results showed that none of the samples were in excess of 1.00% zinc, also the distribution of zinc suggests that the sedimentary rock units carry excess zinc on a regional basis. Assay sheets have been attached.

Sampling of the gold quartz vein show that the main sulfides are senopyrite, chalcopyrite and pyrite containing interesting values of silver and gold. The zones are up to 20 ft wide and appear to feather along the southern end. Best values obtained are 1.35 oz/ton Ag, 0.480 oz/ton Au and 2.30% Cu.

Systematic trenching and sampling will be neccesary.

4-00 TRENCHING:

The purpose of the trenching program was to check on the width and extent of mineralization of the quartz stringer zone and to locate if possible the primary mineralization underlaying the gossans.

Trench:	Dimension ft.	Description:
#1	50 x 6 x 5	gossan-banded yellow and black alternating
#2	50 x 6 x 5	gossan-black hard crust possibly goethite and orange oxides
#3	35.3 x 6 x5	same as above
#4	100 x 4.5 x6	shale talus and permafrost
#5	52 x 5 x 6	minor streaks of gossan-permafrost
#6	74 x 6 x 5	banded gossan, orange, yellow and black
#7	60 x 7 x 5	gossan, hard crust on surface, soft orange layers below, ice

Trench:	Dimension ft.	Description:
#8	70 x 6 x 5	same as above
#9	50 x 4 x 4	cherty sandstone with narrow quartz stringers, some arsenopyrite
#10	60 x 4 x 3	same as above
#11	60 x 3 x 4	same as above

5-00 CONCLUSIONS:

Geological mapping, sampling and trenching failed to outline zinc mineralization of economic potential.

The gossan zones appear to be derived from pyrite shales and cherts. The high zinc values in the gossan are due to the scavenging action of limonite.

The gold-quartz vein, although up to 20 feet wide contains silver - gold - copper value too low to be of immediate economic interest.

The property should be given a low priority for further expenditures.

6-00 RECOMMENDATIONS:

Further work should concentrate on evaluating the silver-gold-quartz vein system.

This is best accomplished by trenching and sampling.

Respectfully submitted,

F. Holcapek, P. Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK

CERTIFICATION

I, Ferdinand Holcapek, of 92 - 10842 152nd Street, Surrey, British Columbia, do hereby certify that:

1. I am a graduate of the University of British Columbia, with a Bachelor of Science Degree in Geology, 1969.

2. Since graduation I have been engaged in mining exploration in British Columbia, Yukon Territory, Northwest Territories, Quebec, Nevada, Arizona, Mexico and Australia.

3. I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.

4. I am a Consulting Geologist.

5. I have supervised the exploration program conducted from June 1 to August 30, 1976 on the subject property.

6. This report is based on field work completed during the 1976 field season under supervision of the writer.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK

F. Holcapek, P. Eng.
Consulting Geologist

Vancouver, B. C.
October 28, 1976

DOMINION OF CANADA:

PROVINCE OF BRITISH COLUMBIA.

TO WIT:

In the Matter of Assesment work on the Sel mineral claims fo Trident Resources Ltd.

I, Ghislaine Lightstone

of Agilis Engineering Limited

in the Province of British Columbia, do solemnly declare that the following personnel were employed and the cost incurred during the period of May 16,1976 to August 13,1976.

Personnel:

D.K.Reinke, Prospector	$7,499.58
Murray Morgan, field assistant	5,181.70
	12,681.28

Disbursements:

Air fare and taxi transportation	$255.00	
Hotel Accommodation	210.00	
Groceries & Meals	1343.18	
Chemex Labs(Assays)	834.64	
Land use permit and work certificate	1250.00	
Freight charges	103.30	
Sundry expenses	261.20	
Printing charges	15.14	
Postage & Xerox	90.20	
Helicopter charges	9707.42	
Truck Rental	69.94	
Telephone charges	31.15	
Field supplies	946.49	15,117.66
		$27,798.94

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the of Vancouver, in the Province of British Columbia, this 5TH day of November 1976, A.D.

Ghislaine Lightstone

W. Reid Black

A Commissioner for taking Affidavits for British Columbia or A Notary Public in and for the Province of British Columbia.

YUKON TERRITORY

TRIDENT RESOURCES INCORPORATED (NPL).

SEL CLAIMS

ROSS RIVER AREA

WATSON LAKE MINING DIVISION

PROPERTY LOCATION MAP

SCALE IN MILES

50 0 50 100 150

AGILIS ENGINEERING LTD. FEB. 1976

140°00' 136°00' 132°00' 68°00' 64°00' 60°00' 124°00' 120°00'

MACKENZIE BAY

FRANKLIN BAY

Inuvik

Arctic Red River

MACKENZIE R.

N.W.T. / Y.T.

ALASKA U.S.A. YUKON

PEEL R.

Norman Wells

Fort Norman

RIVER

Dawson

Keno Hill

Mayo

Stewart River

YUKON R.

Snag

PELLY R.

Ross River

Carmacks

S. NAHANNI R.

Fort Simpson

Fort Liard N.W.T.

Kluane

Whitehorse

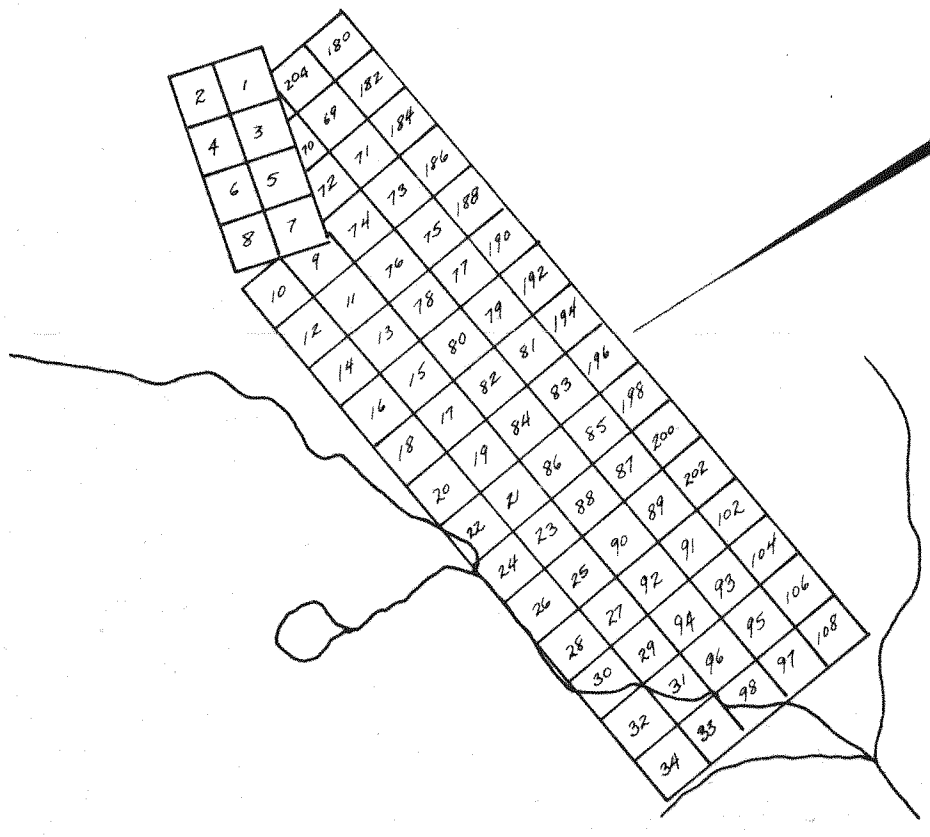
Teslin

Carcross

BRITISH COLUMBIA

SEL CLAIMS

N.W.T. YUKON



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scale 1" = 1 mile

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLUBEK

TRIDENT RESOURCES

SEL CLAIMS , ROSS RIVER AREA

WATSON LAKE MINING DISTRICT, Y.T.

CLAIM MAP

SHOWING AREAS OF TRENCHING, DRILLING & BLASTING

SCALE IN FEET

2640 0 2640 5280 7920

AGILIS ENGINEERING LTD. OCTOBER 1976

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. HOLCAPEK

SKETCH SHOWING TRENCH LOCATIONS

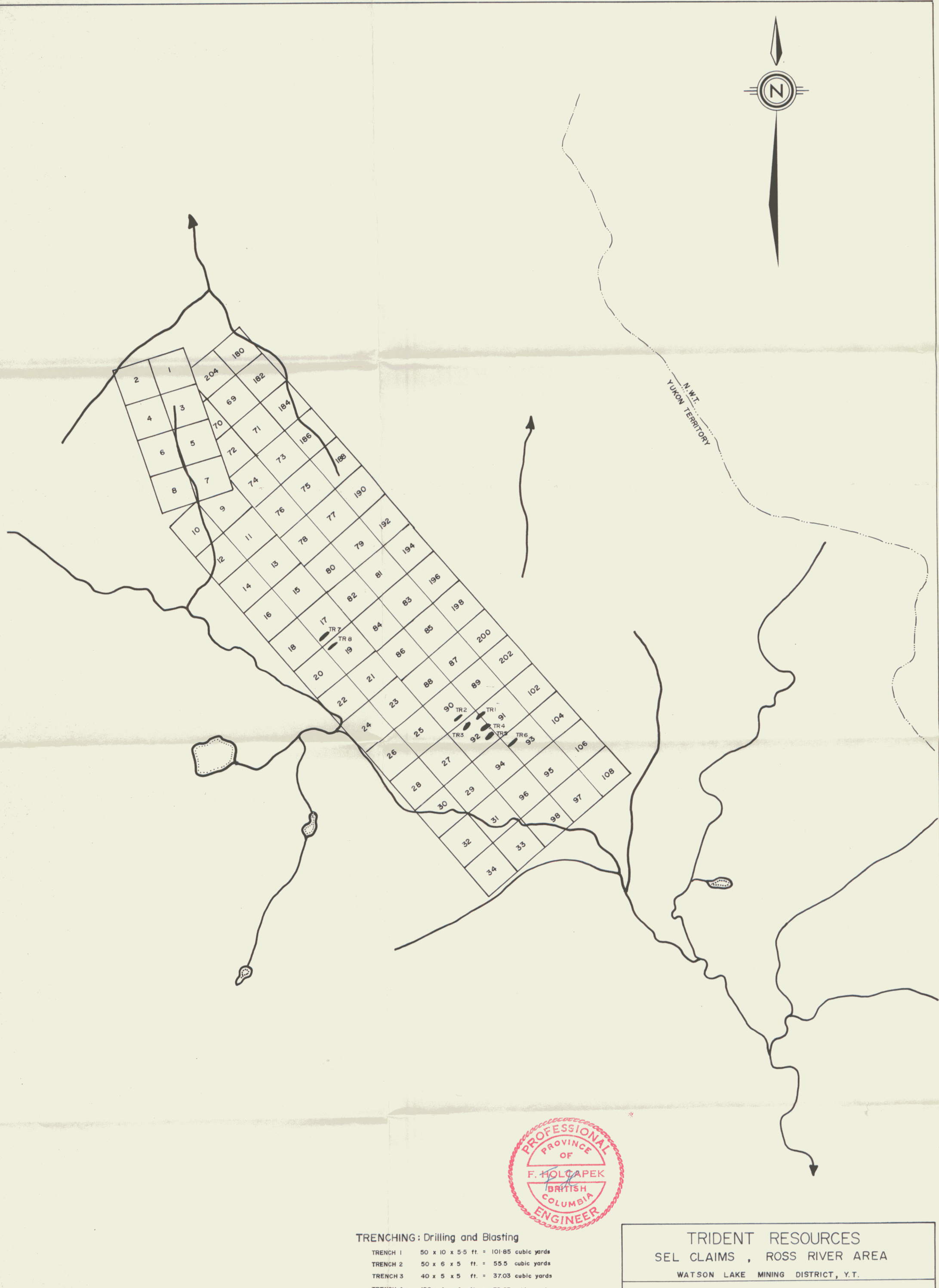
N.W.T. YUKON TERRITORY

N

TRENCHING: Drilling and Blasting

TRENCH 1	50 x 10 x 5·5 ft.	=	101·85 cubic yards
TRENCH 2	50 x 6 x 5 ft.	=	55·5 cubic yards
TRENCH 3	40 x 5 x 5 ft.	=	37.03 cubic yards
TRENCH 4	100 x 4 x 4 ft.	=	59.25 cubic yards
TRENCH 5	65 x 6 x 4 ft.	=	57.77 cubic yards
TRENCH 6	55 x 8 x 5 ft.	=	81.48 cubic yards
TRENCH 7	60 x 7 x 5 ft.	=	77.77 cubic yards
TRENCH 8	70 x 6 x 5 ft.	=	77.77 cubic yards
TRENCH 9	50 x 4 x 4 ft.	=	29.62 cubic yards
TRENCH 10	60 x 4 x 3 ft.	=	26.66 cubic yards
TRENCH 11	60 x 3 x 4 ft.	=	26.66 cubic yards

TRENCH 12 30 x 5 x 4 ft = 25.95 "



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK

TRENCHING: Drilling and Blasting

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TRIDENT RESOURCES

SEL CLAIMS , ROSS RIVER AREA

WATSON LAKE MINING DISTRICT, Y.T.

CLAIM MAP

SHOWING AREAS OF TRENCHING, DRILLING & BLASTING

SCALE IN FEET

2640 0 2640 5280 7920

AGILIS ENGINEERING L.T.D. OCTOBER 1976

BROWN SHALE TALUS

TALUS WITH SMALL OUTCROPS

SILVERY SHALES

BROWN WEATHERING SHALES

PEBBLE CONGLOMERATE SANDSTONE

TALUS MAINLY

SOME BANDED BARITE AS FLOAT

SILVERY WEATHERING SHALES TALUS

SILVERY WEATHERING SHALES TALUS

MIXED TALUS

GRANITIC BOULDER TRAIN

GOSSAN

TR 1 TR 2 TR 3 TR 4 TR 5 TR 6 TR 7 TR 8 TR 9

CAMP

CHERT

CHERT

MIXED TALUS

GRANITIC BOULDER TRAIN

CREEK

CREEK

CREEK

CREEK

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. HOLTAPEK

TRIDENT RESOURCES LTD.
SEL MINERAL CLAIMS
GEOLOGY SKETCH MAP
SCALE 1" = 400 feet
AGILIS ENGINEERING OCTOBER 1976

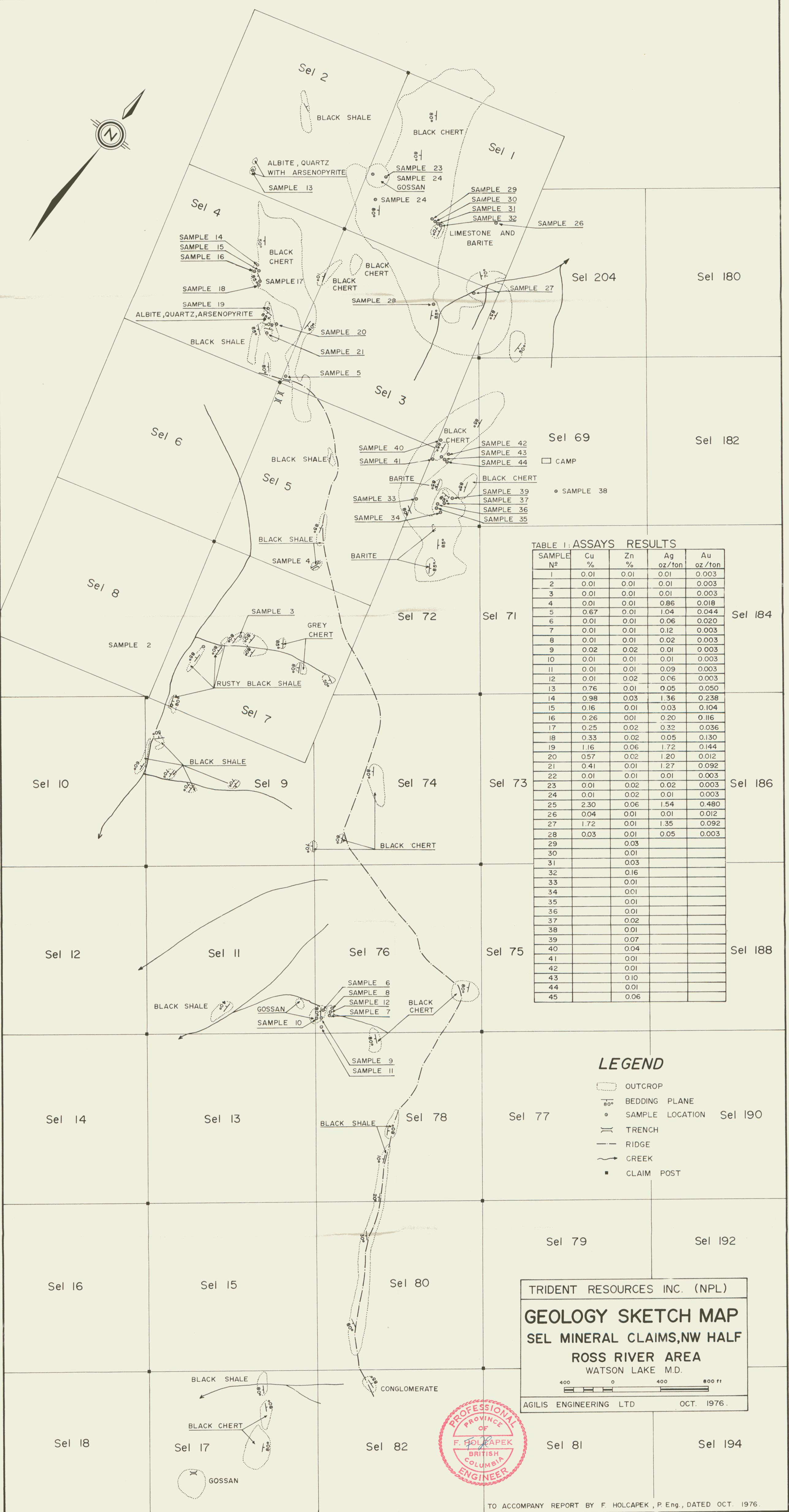

TABLE 1: ASSAYS RESULTS

SAMPLE Nº	Cu %	Zn %	Ag oz/ton	Au oz/ton
1	0.01	0.01	0.01	0.003
2	0.01	0.01	0.01	0.003
3	0.01	0.01	0.01	0.003
4	0.01	0.01	0.86	0.018
5	0.67	0.01	1.04	0.044
6	0.01	0.01	0.06	0.020
7	0.01	0.01	0.12	0.003
8	0.01	0.01	0.02	0.003
9	0.02	0.02	0.01	0.003
10	0.01	0.01	0.01	0.003
11	0.01	0.01	0.09	0.003
12	0.01	0.02	0.06	0.003
13	0.76	0.01	0.05	0.050
14	0.98	0.03	1.36	0.238
15	0.16	0.01	0.03	0.104
16	0.26	0.01	0.20	0.116
17	0.25	0.02	0.32	0.036
18	0.33	0.02	0.05	0.130
19	1.16	0.06	1.72	0.144
20	0.57	0.02	1.20	0.012
21	0.41	0.01	1.27	0.092
22	0.01	0.01	0.01	0.003
23	0.01	0.02	0.02	0.003
24	0.01	0.02	0.01	0.003
25	2.30	0.06	1.54	0.480
26	0.04	0.01	0.01	0.012
27	1.72	0.01	1.35	0.092
28	0.03	0.01	0.05	0.003
29		0.03		
30		0.01		
31		0.03		
32		0.16		
33		0.01		
34		0.01		
35		0.01		
36		0.01		
37		0.02		
38		0.01		
39		0.07		
40		0.04		
41		0.01		
42		0.01		
43		0.10		
44		0.01		
45		0.06		

LEGEND

- OUTCROP
- BEDDING PLANE (80°)
- SAMPLE LOCATION
- TRENCH
- RIDGE
- CREEK
- CLAIM POST

TRIDENT RESOURCES INC. (NPL)

GEOLOGY SKETCH MAP

SEL MINERAL CLAIMS, NW HALF

ROSS RIVER AREA

WATSON LAKE M.D.

400 0 400 800 ft

AGILIS ENGINEERING LTD OCT. 1976.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. HOLCAPEK

TO ACCOMPANY REPORT BY F. HOLCAPEK, P. Eng., DATED OCT. 1976.