

82-#804-10804

PROSPECTING REPORT

ON THE

HOWARD TRACTION CLAIM

SLOCAN MINING DIVISION

NTS - 82P/143

LATITUDE - $40^{\circ} 45' N$

LONGITUDE - $117^{\circ} 22' W$

for

Albury Resources Ltd.

#506 - 630 - 8th Ave. S.W.

Calgary, Alberta

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

10,804
NO

November 15, 1982
Box 63
Westbridge, B.C.

Roy Kregosky
BSc. Geology

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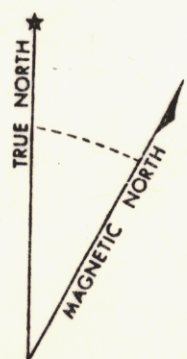
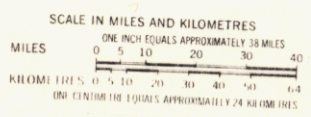
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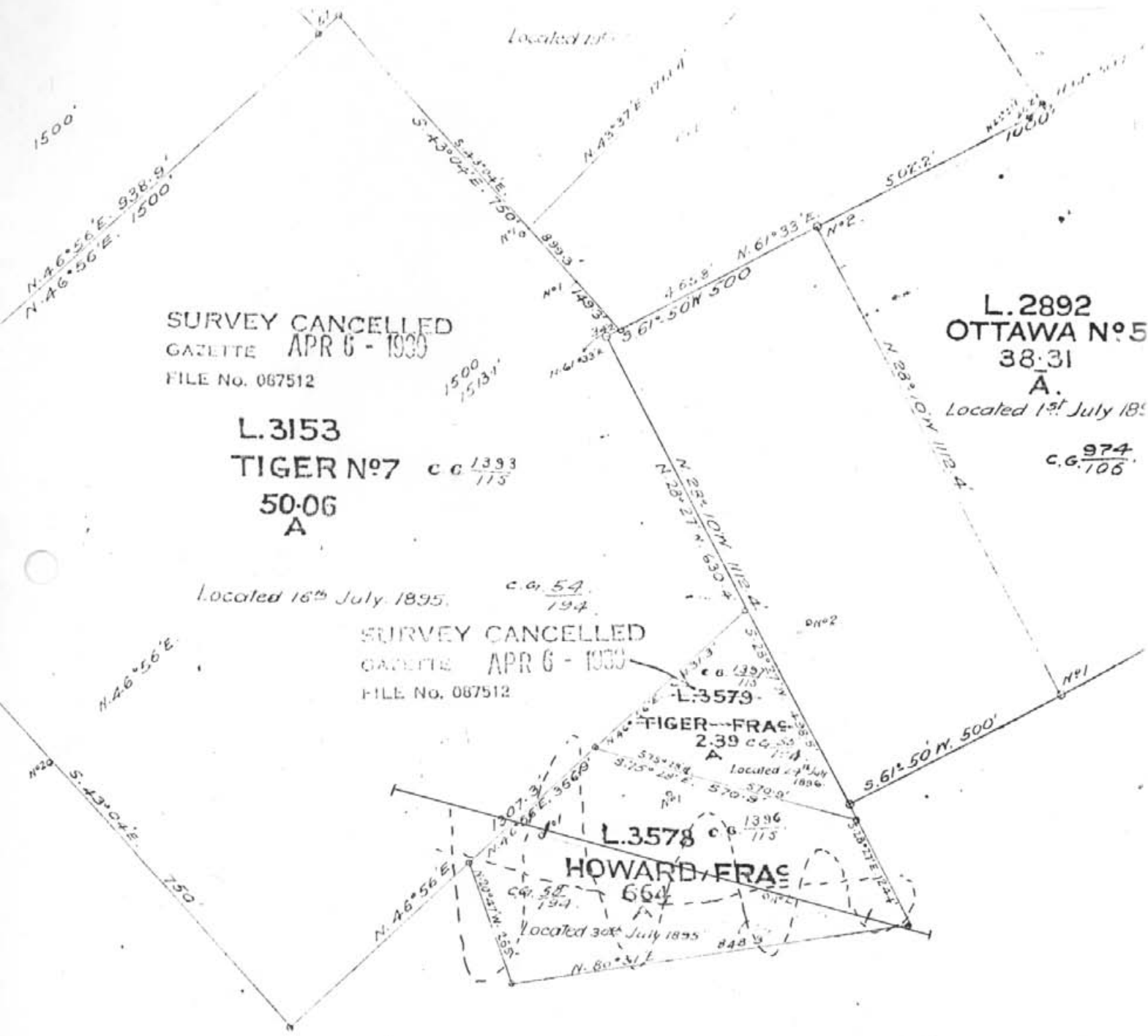
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10,804





SURVEY CANCELLED
 GAZETTE APR 6 - 1930
 FILE NO. 067512

L.3153
 TIGER N°7 c.g. $\frac{1393}{115}$
 50.06
 A

Located 16th July 1895.

SURVEY CANCELLED
 GAZETTE APR 6 - 1930
 FILE NO. 067512

L.2892
 OTTAWA N°5
 38.31
 A.
 Located 1st July 1895

c.g. $\frac{974}{106}$

L.3579
 TIGER-FRAC
 2.39 c.g. $\frac{139}{115}$
 A
 Located 27th July 1895

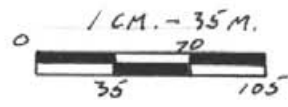
L.3578
 HOWARD-FRAC
 6.64
 Located 30th July 1895

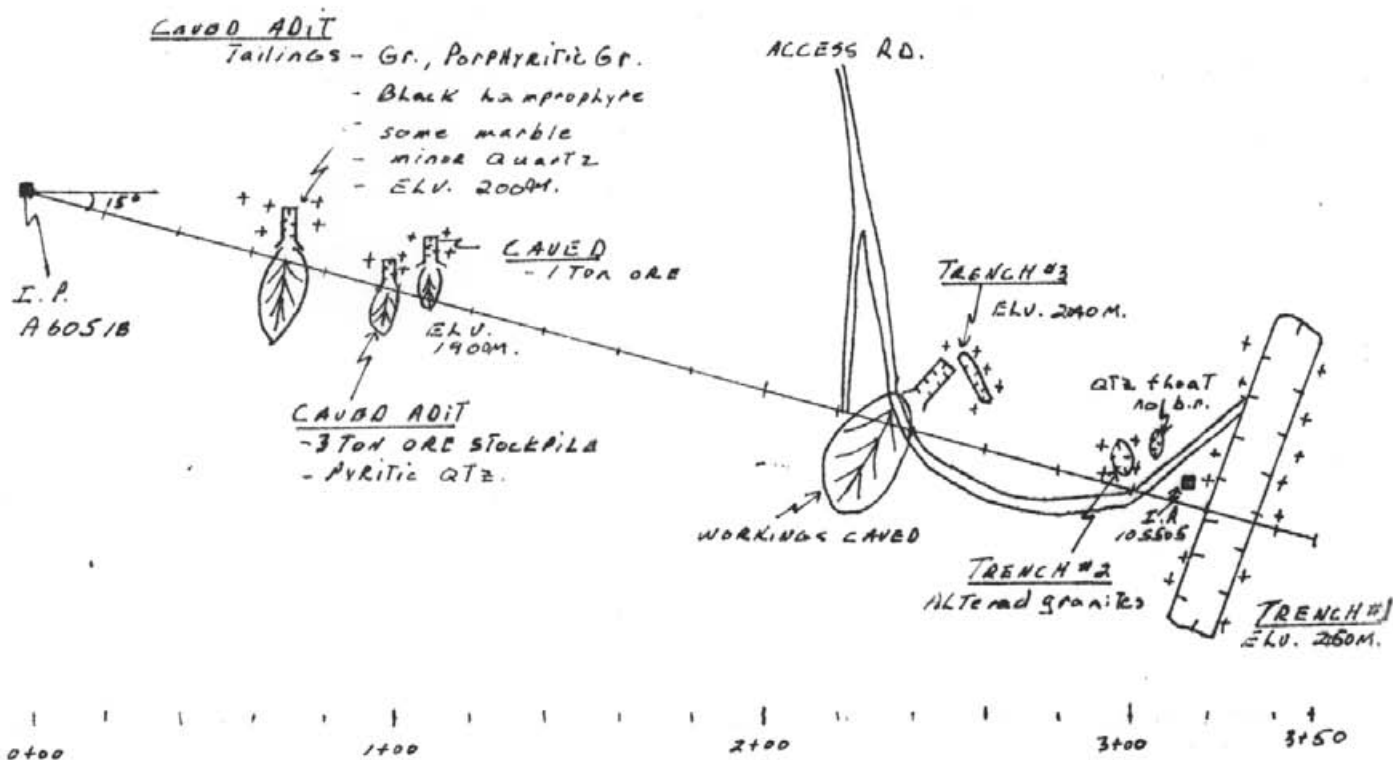
0+00 1+00 2+00 3+00 3+50

prospecting survey

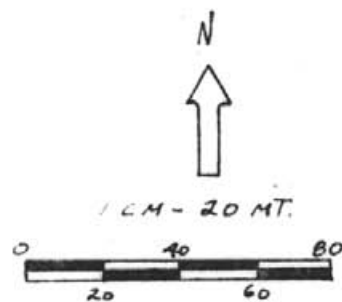
— — — — — CONTROL LINE

- - - - - PROSPECTING TRAVERSES





traverse control line & showings

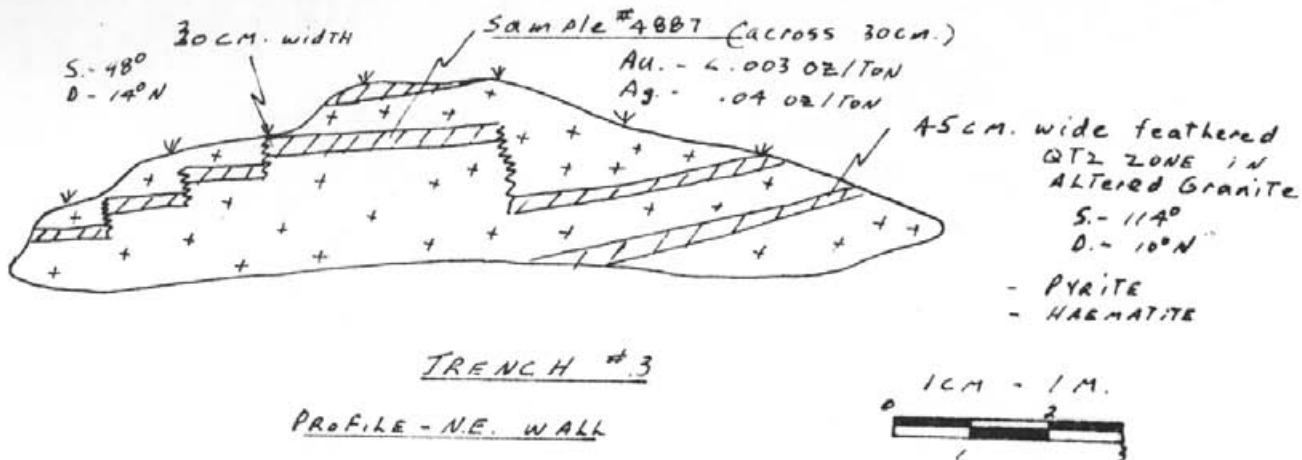


+++ - GRANITE, PORPHYRITIC GRANITE

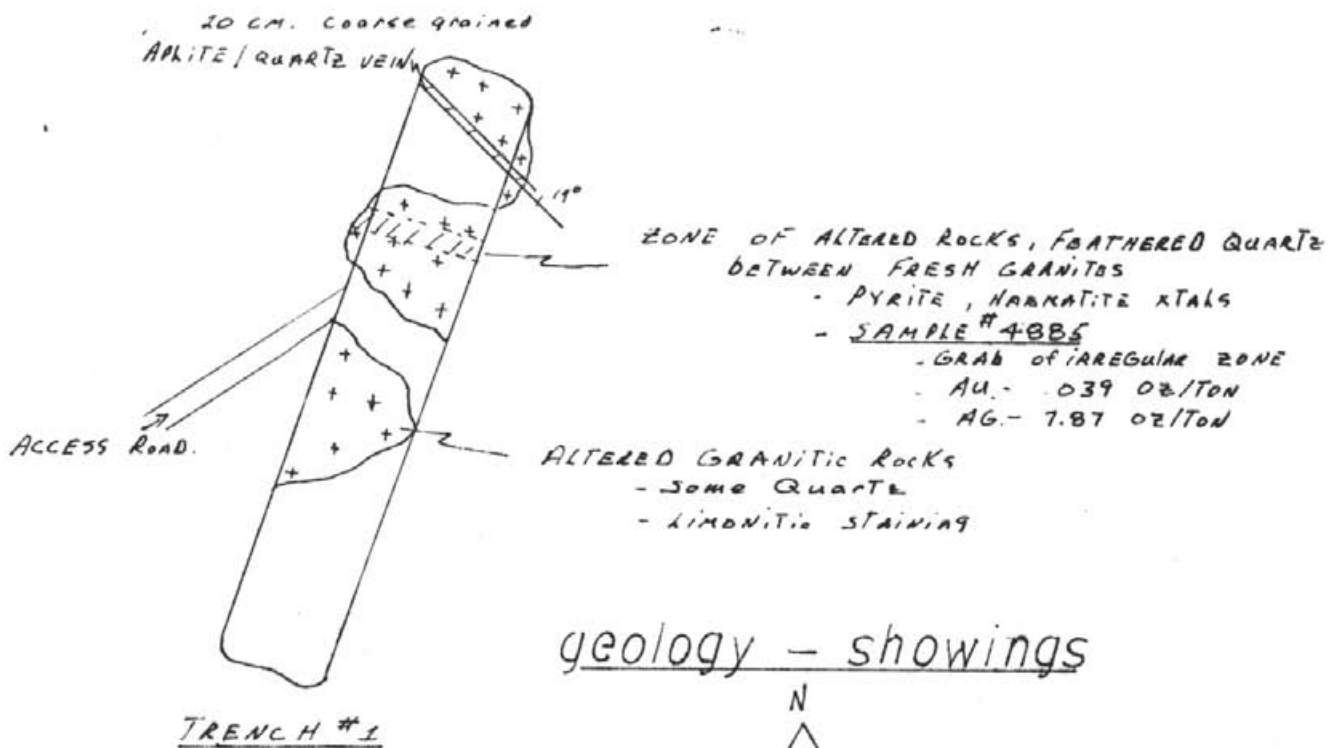
■ - CLAIM POST (OLD)

▭ - TRENCH

┌┐ - ADIT



SAMPLE	AU OZ/TON	AG OZ/TON	REMARKS
4886	.054	9.93	TRENCH #2 GRAB SAMPLE



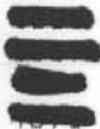
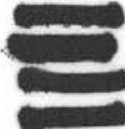
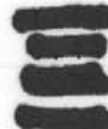






CERTIFICATE OF ANALYSIS

• MINERAL • GAS • WATER • OIL • SOILS • VEGETATION • ENVIRONMENTAL ANALYSIS

ALBURY RESOURCES LTD.

DATE SEPT. 30 1982

PROJECT NO. 82-785-1-0219

LOCATION	CU %	PB %	ZN %	AU F/A OZ/TON	AG F/A OZ/TON
4885	-	-	-	0.039	7.87
4886	-	-	-	0.054	9.93
4887	-	-	-	<0.003	0.04
	-	-	-		
	-	-	-		
	-	-	-		

INTRODUCTION

The Howard Fraction (15578) is a reverted crown grant that is located in the Slocan Mining Division approximately 16 kilometers east of the town of Slocan on the south slope of the divide between Springer and Lemon Creeks. Access is along Springer Creek Road (10 km.) then for an additional 6 km. along the Tobin Creek Road. Access is by four wheel drive vehicles only as the Tobin Creek road was in very poor condition.

The property is a part of the Slocan Range of the Selkirk Mountains. Elevations range from 1980 meters in the southwest portion of the claims to 2080 meters in the northwest sectors. The claim has a southwesterly exposure on moderately (30°) steep slopes. As a result of this combination of elevation and exposure, the property is forested with small stunted groups of Engelmann spruce at the higher, more exposed areas with Douglas fir in the lower protected regions. Undergrowth is minimal with bedrock being exposed over large areas. The overburden is thin and residual in this sub-alpine region. There is ample timber for mining purposes in the lower regions with water available from numerous springs and rivulets.

The Howard Fraction is currently owned by Albury Resources Ltd., of Calgary, Alberta. As a result of a request by Albury, the author spent two days, September 8 and 9, 1982, examining the property. The Howard Fraction is well documented in the B.C. Ministry of Mines reports for the years 1895-1909, 1919 with the last report being made in 1950. Mineralization is reported to have been argentite with varying values in gold associated with quartz veins that were located in a granite. In 1896 work consisted of a 115 foot incline from which ore had been stoped and hand-sorted. 12 tons of shipped ore returned 206 ounces of silver and \$26.00 in gold per ton. A 7 ton shipment in 1895 gave 163 ounces of silver and \$16.00 in gold per ton. Additional development work consisted of a cross-cut tunnel (1897), a 1,000 foot tunnel in 1908 and a 1,300 foot

crosscut plus numerous open cuts and stripping in 1919. A few loads (35 tons) of dump ore were shipped in 1950 yielding two ounces of gold and 225 ounces of silver. Beyond this time it is not known what additional development has been undertaken though one large bulldozed trench is relatively recent. Unfortunately all of the early underground development is caved and therefore could not be examined.

The field work this summer consisted of a prospecting survey in an attempt to locate, map and sample any mineralized showings. The survey consisted of a control line that was located by compass and a metric topofield. This line was used as a spatial control for the various showings. An old claim post I.P. (A60518) was used as the 0+00 position with the control line extending 350 meters at an azimuth of 105° from this point. This angle was chosen due to its close relationship with all the located workings as well as coinciding with the long axis of the claim. Additional prospecting traverses were made that covered the area (6.64 acres) encompassed by the Howard fraction. These traverses, using altimeter readings and topographic orienteering, were made in an attempt to locate additional showings and/or favorable geology. Unfortunately, no original claim posts were located. As a result, the property location was obtained through the use of elevation readings but mainly by the claim position as noted on the NRS map 82F/14. Due to the showings position with respect to topographical features, it is believed that all are located on the Howard Fraction. The various showings also conform to the descriptions as outlined in the B.C. Ministry of Mines reports.

TECHNICAL DATA AND INTERPRETATION

The purpose of this summers field work was to access and hopefully expand on any economic mineralization that exists on the Howard Fraction. Any mineralized structures on the property were usually caved and slumped giving very little information concerning their mode of mineralization, widths, attitudes and extensions. This is especially true of the historic

underground workings. Ore stockpiles at two of the workings (Plate 4-1+00) total approximately 4 tons and consist of iron sulphides with minor argentite in a gangue of quartz. The dumps (Plate 4) from the caved workings at 0+70 and 2+35 indicate considerable underground development. This corresponds with the B.C.M.M. reports of a 1,000 foot tunnel in 1908 and a 1,300 foot crosscut in 1919. The dump at 2+35 consists of heavily haemato-limonitic stained, altered rock indicating a more interesting area than the caved adit at 0+70 whose dump consists entirely of fresh granites, porphyritic granites with some marble and black lamprophytic dike rocks. Most of the trenches from 2+50 to 3+50 are also slumped but there is a considerable amount of quartz as float in this area. The quartz that is exposed in these trenches is usually very irregular with good crystal growth which at times gives a fine grain granular texture. Mineralization consists of mainly disseminations of pyrite and haematite, no primary silver mineralization was observed in this area. The country rocks are usually cut by numerous late magmatic aplite dikes which often are intimately associated with the quartz veins. The country rocks, granites and porphyritic granites, show varying amounts of alteration when in contact with the veins. Two of the chip samples taken (Plate 5) indicate considerable silver mineralization with significant gold values.

The prospecting traverses failed to locate any additional mineralized showings or zones of alteration. The claim is exclusively underlain by plutonic rocks of a granitic nature.

CONCLUSION

The field examination of the Howard Fraction indicated an area of considerable development which took place on mineralized quartz veins hosted by granitic rocks. Unfortunately, the caved slumped conditions of the workings made a proper examination impossible and therefore would also necessitate a considerable amount of additional development to obtain the required geological

information. Nevertheless, samples taken indicate good silver values with associated gold values that would make mining possible if enough tonnage was blocked out. Due to the small area of the property and its isolation due to surrounding claims it is recommended that an attempt be made to option out the Howard fraction.

ITEMIZED COST STATEMENT

1. Geological services: R. Kregosky, 2 days, Sept. 8 and 9/82 @ \$200.00/day.....	\$400.00
2. Food: 2 days @ \$20.00/day.....	\$ 40.00
3. Accommodation: 2 nights @ \$25.00/night.....	\$ 50.00
4. Travel expenses: 1000 km. @ .20¢/km.....	\$200.00
5. Sample shipment: Greyhound, Rock Creek-Calgary.....	\$ 14.05
6. Assays: 3 sample, AU, AG.....	\$ 30.00
3 samples, preparation.....	\$ 10.50
7. Report preparation: 1 day.....	<u>\$200.00</u>
TOTAL	\$944.55

AUTHOR'S QUALIFICATIONS

I, Roy D. Kregosky, state that I am a practising Geologist having obtained a Bachelor of Science degree in Geology from the University of Calgary in 1971.

Roy Kregosky