

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL  
ASSESSMENT REPORT

ON

KETTLE # 3 , G01, 2 LOCATED CLAIMS AND  
CROWN GRAND CLAIMS, 7:30, SUPERIOR, JEWEL,  
LILLIE MAY AND MAYFLOWER.

GREENWOOD MINING DIVISION, B.C.

LATITUDE : 49° 27' N

LONGITUDE: 118° 54" W

NTS : 82E/7W

NORTHEAST BEAVERDELL, B.C.

FOR

PETROQUIN RESOURCES LTD.

1052 Robson Street.

Vancouver, B.C. V6E 1A7

BY

Wilson A. Gewargis, F.G.A.C.

Richmond, B.C.

June 1983

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,375**

## TABLE OF CONTENTS

	<u>PAGE</u>
1. GENERAL	
1.1 Location	1
1.2 Access	1
1.3 Topography	1
1.4 Claim Status	1
1.5 Previous Work	4
2. REGIONAL GEOLOGY	6
3. GEOLOGY	
3.1 General	6
3.2 Volcanic Assemblage	7
3.3 Westkettle Stock	8
3.4 Dyke Rocks	8
3.5 Mineralization	9
4. GEOCHEMICAL SURVEY	
4.1 Introduction	10
4.2 Method	11
4.3 Results	12
5. GEOPHYSICAL SURVEY	
5.1 Introduction	12
5.2 Method	15
5.3 Results	15

TABLE OF CONTENTS

	<u>PAGE</u>
6. SUMMARY AND CONCLUSIONS	16
7. RECOMMENDATIONS	17
8. REFERENCES	18
APPENDIX	
A-1 Cost Summary	19
A-2 Geochemical survey Data	54
A-3 Geophysical Survey Data	22
A-4 Statement of Qualification	21

LIST OF MAPS

Fig. 1 General Location Map	
Fig. 2 Topographic Map	1:50000
Fig. 3 Claim Map	1:50000
Fig. 4 Geology Map	1: 5000
Fig. 5 Geochemical Soil Survey Map	1: 5000
Fig. 6 Magnetometer Survey Map	1: 5000

## SUMMARY

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A programme of preliminary geological, geochemical and geophysical surveys was carried out on the property of Petroquin Resources Ltd. The property is located approximately 45 kilometres north-northwest of Greenwood, B.C.

The claim group was mapped at scale of 1:5000, the area mapped totalled 4.34km<sup>2</sup>. Magnetometer and soil sampling surveys were carried out on the property, the results of these surveys show that anomalies area occurs within lines 300W-850W and 750S, 400W-550N.

Ground control was established with flag lines, established from a 2.5 km north 43° east base line. Lines were at 200 metres intervals.

Geology consists essentially of a quartz diorite stock emplaced into a series of volcanic rocks. Post mineralization dykes of many varieties intrude the quartz diorite and volcanic rocks.

The trend of the volcanic is poorly defined, but appears to be north-northwest.

The volcanic rocks are variably altered. Sulphide mineralization is widespread on the property, but is mainly associated with light green, fine grained cherty volcanic rocks.

## 1. GENERAL

### 1.1 Location

The Kettle # 3 property is located about 45 kilometres northwest of Greenwood, B.C. The claim area is located on the west side of the kettle river ,northeast of Beaverdell ,B.C.(Fig.1).

### 1.2 Access

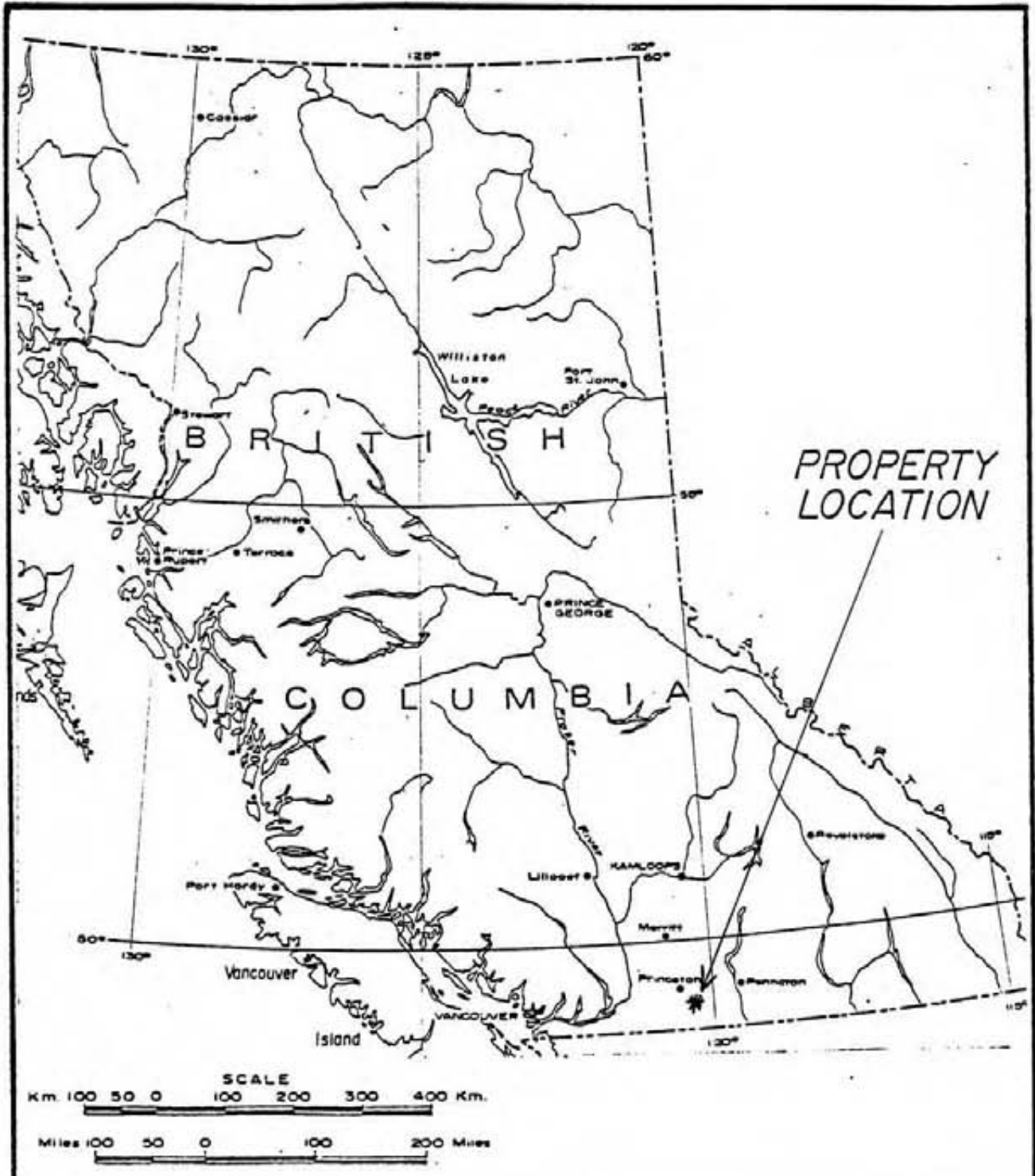
Access to the property is from Westbridge, B.C. by a gravel road which leaves the main kettle river road about 34 kilometres north of Westbridge, or by gravel road from Beaverdell ,northeast of Beaverdell creek road about 11.3 kilometres and than 17.6 kilometres on a logging road. Both roads transect the middle of the claim area. Access elsewhere on the property is on foot.

### 1.3 Topographic

The topography of the claim area is moderately steep. Elevation range from 1067 metres to 1220 metres. Dense timber and other trees cover the claim area. Outcrop pattern is sporadic and mainly occurs in the middle and the boundary of the property. (Fig.2)

### 1.4 Claim Status

The Petroquin Resources ltd. property is held through its agent Mr. Melvin Yen, 2104 West 57 Avenue ,Vancouver, B.C. by an option agreement dated February 22, 1983 between Messrs. George A. Bleiler, John E. Millette, Donald A. Mcleod, James W. Macleod-the optionors, and Mr Melvin Yen-the optionee.



PETROQUIN RESOURCES LTD.

Figure 1

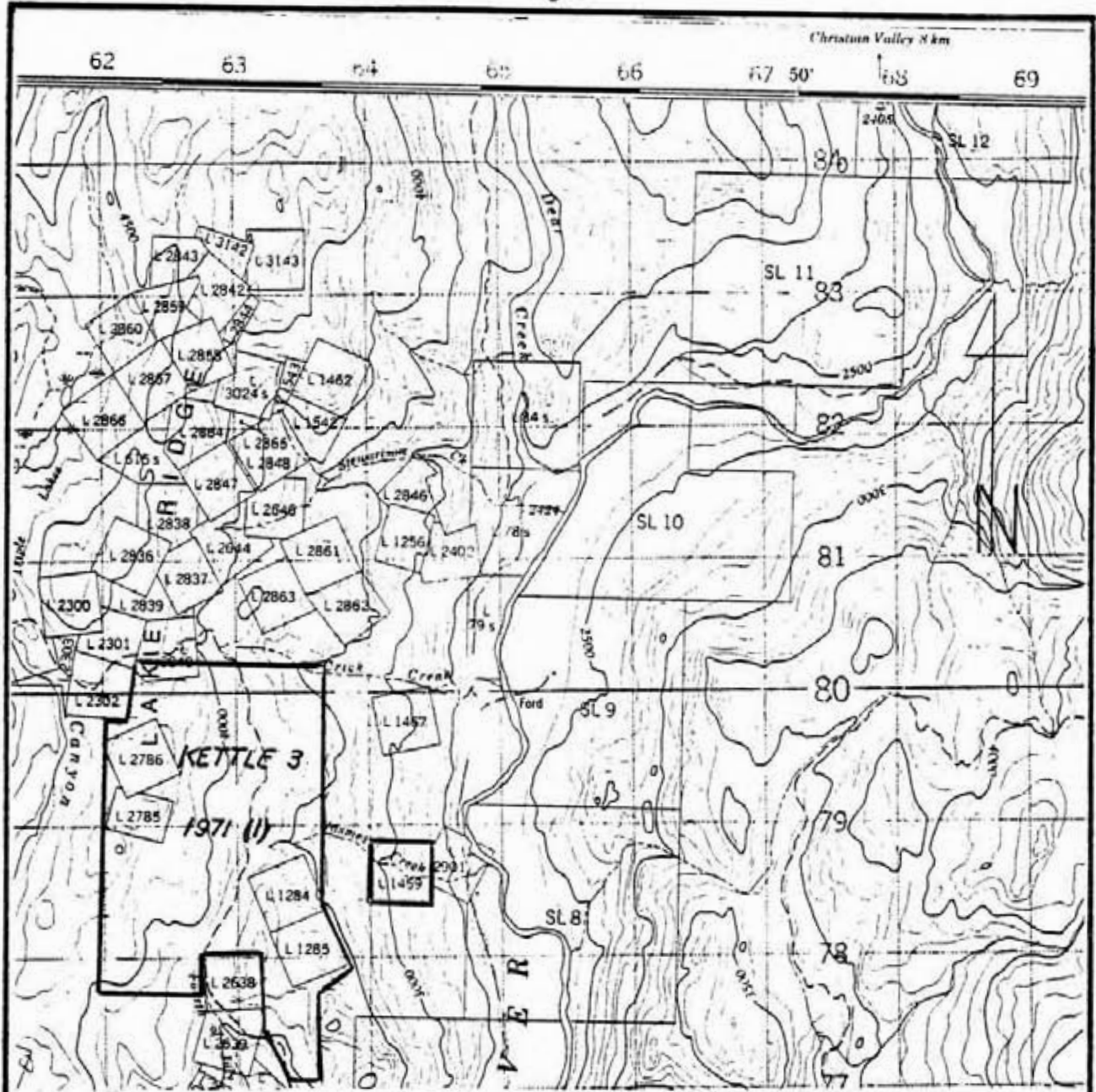
GENERAL LOCATION MAP

KETTLE#3 CLAIM

GREENWOOD M.D., B.C.

Wilson A. Gewargis, B.Sc., F.G.A.C. June 83

*W.A. Gewargis*



Metres 1000 0 1000 2000 Metres  
 Scale 1:50000

PETROQUIN RESOURCES LTD.  
 Figure 2  
 TOPOGRAPHIC MAP  
 KETTLE#3 CLAIM  
 GREENWOOD M.D., B.C.  
 Wilson A. Gewargis, B.Sc., F.G.A.C. June 83

*Wilson A. Gewargis*

The property (Fig.3) consists of the following claims in the Greenwood Mining Division .

Located Mineral Claims:

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<u>Claim</u>	<u>Record No.</u>	<u>Expiry Date</u>
Kettle # 3	1971(10)	October 21,1986
Go 1	2729(6)	June 8,1986
Go 2	2730(6)	June 11,1986

Reverted Crown Grants:

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<u>Claim</u>	<u>Lot No.</u>	<u>Record No.</u>	<u>Expiry Date</u>
7:30	1459	1836(10)	October 22,1986
Superior	2786	1834(10)	October 22,1986
Jewel	2785	1838(10)	October 22,1986
Lillie May	1285	1827(10)	October 22,1986
Mayflower	1284	1826(10)	October 22,1986

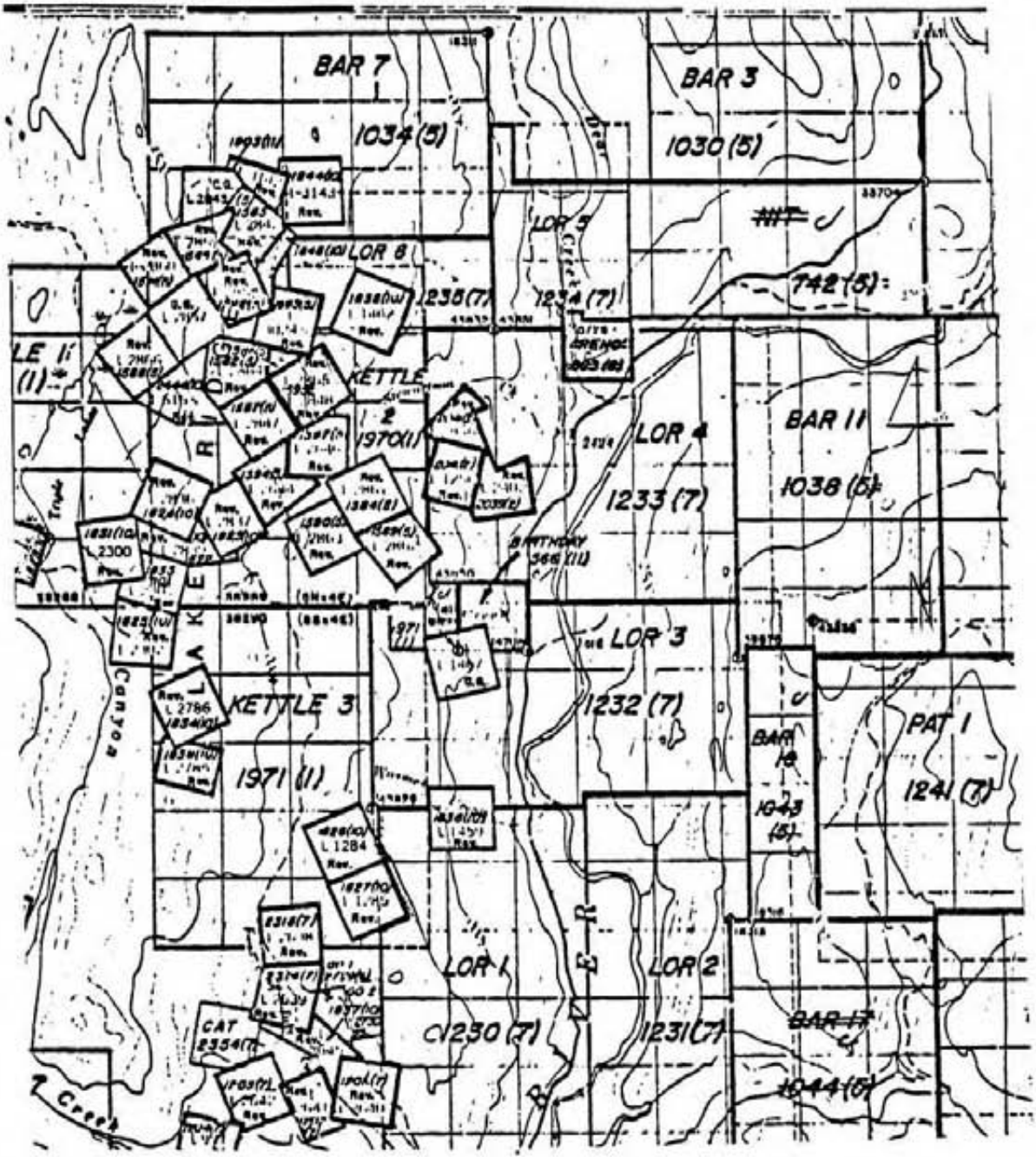
1.5 Previous Work

The area north of the kettle #3 claim has been the focus of prospecting activities since mid 1890'S . The gold mineralization in the area north of the claim group was discovered in 1896.

Numerous claims were Crown granted,including the Reverted Crown Grants of the Petroquin Resources Ltd. Mining and exploration activities subsided after 1901, although claims owners continued to crown grant their claims through 1905.

In september 1980 Western Aero Data Ltd. under the direction of





Metres 1000 0 1000 2000 Metres

Scale 1:50000

PETROQUIN RESOURCES LTD.  
 Figure 3  
 CLAIM MAP  
 KETTLE#3 CLAIM  
 GREENWOOD M.D., B.C.  
 Wilson A. Gewargis, B.Sc., F.G.A.C. June 83

*Wilson A. Gewargis*

Glen White P.Eng. conducted an airborne VLF-EM and magnetometer survey over Kettle # 3 and adjoining claims for Carmac Resources and Suneva Resources Ltd. In may 1981 Carmac Resources Ltd. under the direction of the writer ,conducted a varied programme of trenching,sampling, geological mapping,geochemical and geophysical surveys.

In late 1981 diamond drilling programme was carried out on the property north of the Kettle # 3.

## 11 REGIONAL GEOLOGY

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The regional geology of the area has been described by Reinecke (1910,1915) and G.S.C. (Little,H.W. 1953-1956 ,Map 6-1957) and shows the area to be underlain by mainly permian part of Anarchist group,the oldest unit known in the area. It consists of the metamorphosed andesitic tuff and lavas ,hornfels,rhyolite and locally sedimentary rocks. Series of intrusive porphyritic dykes of Tertiary Kettle River formation ranging in composition from quartz porphyry to hornblende andesite porphyry, occur throughout the area. These dykes are believed to be post mineralization and intrude the quartz diorite and volcanic rocks. The trend of the volcanic rocks is poorly defined but appears to be north-northwest. The area has been folded and the kettle river northward from Rock Creek which occurred to the west of the property 1.1 km,contains shear zones that were initiated after the intrusion of the Nelson Batholith.

## 111 GEOLOGY

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### 3.1 General

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The general geology of the Kettle # 3 property consists of north

quartz diorite stock emplaced into variably altered units of Anarchist assemblage (Fig.4). The Anarchist assemblage comprises a predominance of fine to massive groundmass of andesitic affinity. A prominent unit on the is an altered cherty sequence of Anarchist unit (1c) that gives rise to quartz -pyrite/pyrrhotite assemblage,exposed in the lines 300W-850W and 750S ,400W-550N . Lying around this unit,are somewhat massive ,dark green andesitic volcanic unit (1a,1b). The Westkettle quartz diorite,is exposed on north-northwest of the property and is locally shered.

A series of intrusive porphyritic dykes (3a,3b) of the Tertiary Kettle River formation occurs through out the property. These dykes are believed to be post mineralization and intrude the quartz diorite and volcanic rocks.

Dark black porphyritic dyke occurs on the line 1200W-1500S. The dominant area of mineralization pyrite/pyrrhotite is in the area of lines 300W-850W and 750S within the volcanic unit(1c). The sulphides mineralization occurs within the above unit.

### 3.2 UNIT 1 The Volcanic Assemblage (1a,1b,1c).

The Anarchist assemblage in the Kettle#3 area is predomintly a fine to massive grained andesite. The dark green massive andesite(1a) , is not sufficiently clear to establish bedding or facing direction by itself.

This unit occurs around the boundary of the property. The andesitic volcanic with quartz-orthoclase phenocryst (1b) , is similar to unit (1a) in composition and was recognized along the eastern portion of the base line,lines 200E-600E and to the south.

The finer grained cherty unit member (1c) of the Anarchist assemblage is present in the centre of the property and may found in other parts, but is problematic in aspect. In part this is due to weathering characteristics of the outcrops. Bedding was noted at 1400W-436N, a strike of  $345^{\circ}$ , dipping westly with beds facing west. The Anarchist assemblage on the property was laid down in quiet waters either in large lake or arm of sea . These units were probably extruded in the Triassic through volcanoes of the explosive type and than blown out as fine ashes . They were followed by quiet flows of augite andesite lavas.

### 3.3 UNIT 2 Westkettle Stock

The Westkettle stock generally comprises of a quartz diorite or granodiorite ,the unit is generally uniform in texture and only locally more porphyritic . Compositional variation is subtle and indistinct.

Within the area mapped ,there is no clear evidence of composite intrusion. The border phase of intrusion is manifested by a fine grained aspect,that this is relatively uncommon.

### 3.4 UNIT 3 Dyke Rock(3a,3b)

A diverse assemblage of dyke rocks are exposed on the Kettle #3 property,ranging in composition from pyroxenite,hornblendite ,quartz and olivine grabbo.

Unit(3a) microdiorite (prophyritic)

The above unit of distinctive characteristics is found all over property within the volcanic assemblage and the stock. The unit is is medium to coarse grained,dark green porphyry with 10% orthoclase

phenocryst and 15% fine green mafic grained. The phenocrysts range between few mm to  $\frac{1}{2}$  cm in size . It is generally fresh and not significantly deformed or altered. This dyke is narrow ,up 2 metres wide.

Unit(3b) porphyritic (gabbro)

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The above unit ,is only found in the area of 1000W-1270S, 1000W-1350S and line 1047W-1500S. This unit is very thick and is medium grained,dark black with fine 5% porphyritic phenocrysts.

### 3.5 MINERALIZATION

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For the purposes of description,the mineralization in the property are categorized into the following pattern.

- a) disseminated pyrite/pyrrhotite in an altered volcanic host.
- b) quartz veins with pyrite/pyrrhotite

a) disseminated pyrite/pyrrhotite in an altered volcanic host.

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The above unit is widespread on the property. It is exposed in the area between lines 300W-850W and 750S,400W-550N. The possibility exists that the mineralization has general relation to the cherty unit of the volcanic rocks unit(lc) and thus may occur as an irregular horizon . Also the mineralization occur with the volcanic unit(la,lb) .

Several samples were taken from various locations on the property and sent for assaying for gold,silver,copper.There appears to be an economic potential to this unit.

b) quartz veins with pyrite/pyrrhotite

The quartz vein was found in two locations on the property in an old trench at 1200W-516N, the vein occurs within the volcanic unit associated with disseminated pyrite/pyrrhotite, about 0.3 metre wide and irregular, striking  $170^{\circ}$  and dipping vertically. Quartz vein is also found in the area of 1800W-15N, within the cherty volcanic unit. The above quartz veins are not widespread, however and are of limited strike, length and width.

4 GEOCHEMICAL SURVEY

4.1 Introduction

Soil sampling was carried out on the north  $43^{\circ}$  east grid established in June 1983. This grid trend northeast base line and the lines are 200 metres apart and start from 0+00 -1850W on the westerly end and finish at 0+00 -600E on the easterly end of the grid. From the profiles done in the field, samples were taken from B horizon. Total of 426 samples were taken and analysed by BLOOM TEST in the field for the THM(Pb, Zn, Cu, ), this test measures the cumulative concentration of readily extractable heavy metals in soil samples. The results were plotted on 1:5000 scale topographic map and then contoured for any results higher than 1.

## 4.2 Method

### INSTRUCTIONS - THM TEST (Total Heavy Metals)

1. Add 100 ml benzene to a beaker containing 1 dithizone filter paper. Allow dithizone to dissolve. Stir and remove paper with glass stirring rod. Make fresh batch whenever analysis is run.
  2. Fill dithizone solution in a squeeze bottle.
  3. Use THM buffers directly. Fill buffer into the squeeze bottle.
  4. Take a level scoopful of dry, sieved sample (.25 gram size) or fine segment of sample if test done in the field. Keep hands away from sample to avoid contamination. Add to a test-tube.
  5. Add 5 ml of buffer solution from the squeeze bottle.
  6. Add 2 ml of dithizone solution from the squeeze bottle.
  7. Stopper tube and shake vigorously for 20 seconds.
  8. Observe colour of dithizone layer when separated. If blue-green, test is completed. Record sample weight and volume of dithizone used.
  9. Should colour be purple or pink, add further increments of dithizone solution, mix between each addition for 5 times until a blue-green colour is obtained. Record volume of dithizone solution added as an index of amount of metal.
  10. If blue-green or green dithizone stage is reached, all metal has reacted with dithizone and tube may be emptied and another test commenced without further cleaning of tube or cork. Ppm (parts per million) of THM is approximately equal to number of ml dithizone added. This calculation is based on equivalent of zinc concentration.
  11. If colour persists pink after 15 ml of dithizone added, repeat analysis by using the 0.10 gram scoop. The ppm will be 2.5 times the number of ml of dithizone added.
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#### 4.3 Results

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Over most of the claim area the soil sample results for THM (Pb,Zn,Cu) were background and typical for soil derived from heavy overburden . Contouring was attempted and generalized conclusion can be drawn. The soil over the area of cherty volcanic unit (1c) are some higher in THM values than the soils over the remainder of the property and appears to have northsouth trend.

Soils in certain locations along the north portion of the grid are somewhat higher in THM than the soil over the remainder of the north grid. Higher values of THM appears to occur around lines 200W and 400W-250N.

### 5 GEOPHYSICAL SURVEY

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#### 5.1 Introduction

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A magnetometer survey was conducted in the vicinity of baseline 0+00 -600E,0+00 -1850W and its crosslines to south and north.

The aim of this survey is to aid in the geological ,geochemical interpretation of the mentioned area and to add information in the area where overburden cover would reduce the effectiveness of these survey.

It was felt that a variation in the magnetic susceptibility of any major rock units would aid in outling more precisely the buried contact and thus lead to the delineation of potential mineralization.



# SCINTREX MP-2 Portable Proton Precession Magnetometer

### Function

The MP-2 is a portable one gamma proton precession magnetometer for field survey or base station use. The optimized design of sensor and circuitry using the latest COS/MOS components has resulted in a very light weight, low power consumption, rugged and reliable magnetometer.

Light emitting diodes coupled with an ingenious optically polarized reflector combine solid state reliability with easy reading even in bright sunlight.

Coupled with a module into which the MP-2 is easily inserted, the magnetometer can be used as a base station unit for analogue or digital recording. Full details of the MBS-2 Magnetic Base Station are available on another Scintrex specification sheet.

The noise-cancelling dual-coil sensor and electronics have been so designed as to effectively eliminate reading problems due to virtually all magnetic gradients which may be encountered in field survey conditions.

### Features

1 gamma sensitivity and accuracy over range of 20,000 to 100,000 gammas.

Operates in very high gradients, to 5000 gammas per meter.

Ultra small size and weight.

Up to 25,000 readings from only 8 D cells.

Battery pack isolated from electronics for corrosion protection.

Battery pack easily extended for winter use.

Light emitting diode digital display, with complete test feature

Unique no-glare polarized reflector permits easy reading in bright sunlight.

Indicator light warning of excessive gradient, ambient noise or electronic failure.

Digital readout of battery voltage.

Rugged all metal housing for rough field use at all temperatures.

Automatic recycling or external trigger features permit ready conversion to base station use.

Short reading time.

Broad operating temperature range.



MP-2 console.



MP-2 in operation with Staff Sensor.

-14-

# Technical Description of the MP-2 Portable Proton Precession Magnetometer



MBS-2 Magnetic Base Station.



MP-2 in operation with Back Pack Sensor.

<b>Resolution</b>	1 Gamma
<b>Total Field Accuracy</b>	±1 Gamma over full operating range
<b>Range</b>	20,000 to 100,000 gammas in 25 overlapping steps
<b>Internal Measuring Program</b>	Reading appears 1.5 seconds after depressing Operate Switch, stays on for 2.2 seconds, for a total of 3.7 seconds per single reading.
<b>External Trigger</b>	External trigger input permits use of sampling intervals longer than 1.5 seconds
<b>Readout</b>	5 digit LED (Light Emitting Diode) readout displaying total magnetic field in gammas or normalized battery voltage
<b>Digital Output</b>	Multiplied precession frequency and gate times
<b>Base Station Mode</b>	MP-2 console slips into a base station module which provides external triggering as well as digital and analogue outputs. The complete unit is called the MBS-2 Magnetic Base Station
<b>Gradient Tolerance</b>	Up to 5000 gammas/meter
<b>Power Source</b>	8 alkaline "D" cells provide up to 25,000 readings at 25°C under reasonable signal/noise conditions (less at lower temperatures). Premium carbon-zinc cells provide about 40% of this number
<b>Sensor</b>	Omnidirectional, shielded, noise-cancelling dual coil, optimized for high gradient tolerance
<b>Harness</b>	Complete for operation with staff or back pack sensor
<b>Operating Temperature Range</b>	-35°C to +60°C
<b>Size</b>	Console, with batteries: 80 x 160 x 250mm Sensor: 80 x 150mm Staff: 30 x 1550mm (extended) 30 x 600 mm. (collapsed)
<b>Weights</b>	Console, with batteries: 1.8 kg Sensor: 1.3 kg Staff: 0.6 kg
<b>Standard Accessories</b>	Sensor, Staff, Cable, Harness, Carrying Case, Manual
<b>Shipping Weight</b>	Approximately 9.5 kg
<b>Optional Accessory</b>	Cold weather battery pack.

**SCINTREX**

222 Snidercroft Road  
Concord Ontario Canada  
L4K 1B5

Telephone: (416) 669-2280  
Cable: Geoscint Toronto  
Telex: 06-964570

Geophysical and Geochemical  
Instrumentation and Services

## 5.2 Method

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A Scintrex magnetometer, MP-2 proton precession magnetometer was used for this survey. This is a hand held instrument with one gamma sensitivity and accuracy over 20000 to 100000 gammas. It operates in very high gradients to 5000 gammas per metre.

Along the baseline and crosslines, readings were taken at 50 metres intervals and where a wide range between the high and low reading was discovered, the spacing for reading was closed to 12.5 metres.

Loops were run to the base line and crosslines and corrections made for diurnal variation accordingly. The readings were filtered for any geologic/magnetic noise by running an average to the readings and these latter were also corrected for any diurnal variation or the heating effect by removal of the regional gradient, namely 57000 gammas, thought to remove the relevant errors.

## 5.3 Results

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The ground magnetic show good correlation with geological and geochemical surveys. In detail lines 200W-1000W and 400S is good anomalies, trend northsouth matching the cherty unit (1c), where there are known disseminated sulphide mineralization. A detail survey in this area would be helpful to outline this unit.

At the north portion of the baseline, isolated magnetic highs represent sulphide mineralization in various volcanic units.

The low reading in the south end of the grid reflect the southern contact with the cherty unit (lc) of volcanic rocks.

## 6 SUMMARY AND CONCLUSION

- 1) The property comprises of a north-northwest quartz diorite stock emplaced into altered Anarchist volcanic assemblage.
- 2) The volcanic rocks are variably altered, consisting of cherty and massive units.
- 3) The programme has effectively narrowed the exploration potential to the area of cherty unit, though some potential exists within the volcanic units (la, lb).
- 4 Sulphide mineralization is widespread on the property, but only achieves significant strike length and width within the cherty unit between lines 300W-850W and 750S ,400W-550N.
5. The mineralized quartz vein system may occur on the property, but has only been found in two locations.
6. Geophysical mangnometer and soil sampling survey reveal that anamolies areas occur within lines 300W-850W and 750S,400W-550N.
7. More detailed exploration, geological mapping, trenching, sampling, geophysical and geochemical surveys could usefully be carried out in the cherty volcanic unit (lc) and the rset of the property.

Wilson A. Gewargis, F.G.A.C.

## 7 RECOMMENDATIONS

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A programme of further work is justified to trace and delineate the trend of the cherty unit (lc) within the volcanic assemblage between the lines 300W-850W and 750S, 400W-550N . This can be done with more detailed magnetometer ,VLF-EM surveys using the present north 43° east grid system

These lines should geochemically be sampled at close spaced intervals, followed by a detailed Cat trenching, geological mapping and sampling.

The target in this area is possible gold, silver and copper mineralization associated with sulphide within the cherty unit (lc) of volcanic rocks of Anarchist unit.

## 8 REFERENCES

- 
- 1) B.C. Minister of mines Reports—years 1901,1902,1903,1904,1905, 1938A, 1938 D.
  - 2) Little,H.W.(1953-1956) ,Kettle River-East Half,Map 6-1957.
  - 3) L.Reinecke G.S.C. Memoir 79 ,1915 Ore Deposits of the Beaverdell Map area.
  - 4) Pezzot,E. and White,G.E., (1980) ,Carmac Resources Ltd, and Suneva Resources Ltd. Geophysical Report on an Airborne VLF-EM Survey and Mangnetometer Survey, Internal Company Report.
  - 5) Wilson A.Gewargis ,(1981),Carmac Resources Ltd. Geological,geochemical Geophysical Report. Internal Company Report.

APPENDIX

A-1

A-1 STATEMENT OF COST

Field Costs

Wages :

W, Gewargis, Geologist, May 26-June 14	20 days	\$200/day	\$4000
Y, Gewargis, Sr. Assist. May 26-June 14	20 days	\$100/day	2000
N, Martin, Assist. May 31-June 13	14 days	\$ 80/day	1120
B, Madill, Assist June 2-June 13	12 days	\$ 80/day	960
		<u>66</u>	<u>8080</u>

Room and Board

Accommodation	500
Food	800
Transportation	
Truck rental	540
Milage	250
Fuel	250

Instruments

Magnetometer MP-2 May 26 - June 15	700
Shipment to Toronto	100
Chainsaw May 26 - June 14	150
Chemical Kit BLOOM TEST	600
Miscellaneous field supplies	
Flagging, samples bags, threats	600

APPENDIX

A-1

Cont.

Report Preparation

\$ 2000

Drafting ,copying

TOTAL \$14570

*Wilson A. Gewargis*  
Wilson A. Gewargis, F.G.A.C



APPENDIX

A-4

I, Wilson A. Gewargis of 4811 Dunfell Road in the City of Richmond, Province of British Columbia, DO HEREBY CERTIFY:

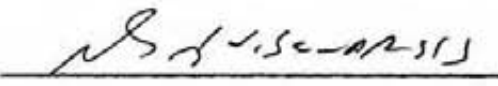
THAT I am a consulting geologist with an office at 4811 Dunfell Road, City of Richmond, Province of British Columbia;

THAT I am a graduate of the University of Mosul in Iraq where I did receive a Bachelor of Science in Geology in 1970 and that I have spent two years attending post graduate studies at University of Stuttgart in the Federal Republic of Germany;

THAT I have been engaged in mineral exploration work and study for over 10 years in Canada, U.S.A. and West Germany and that I am a fellow of the Geological Association of Canada;

THAT work herein described was carried out on the property of Petroquin Resources Ltd. Greenwood Mining Division, B.C. under my supervision.

Dated at Richmond, British Columbia  
June 20, 1983

  
Wilson A. Gewargis, F.G.A.C.

WAG

GEWARGIS RESOURCES INC.

MAGNETOMETER SURVEY SHEET

Date 31 May 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
0*00	57511	12.24	0	57511	560
0*50 E	57659	12.35	0	57659	651
1*00 E	57778	12.48	0	57778	815
1*50 E	58045	13.01	0	58045	799
2*00 E	57339	13.22	- 10	57329	499
2*50 E	57301	13.28	- 10	57291	312
3*00 E	57357	13.40	- 20	57337	320
3*50 E	57346	13.55	- 30	57316	286
4*00 E	57205	14.09	- 30	57175	239
4*50 E	57328	14.18	- 40	57288	229
5*00 E	57213	14.30	-50	57163	231
5*50 E	57360	09.04	- 50	57310	287
6*00 E	57418	09.13	- 53	57365	387
0*00	57564	09.18	- 53	57511	-
0*50 W	57580	15.50	0	57580	555
1*00 W	57548	15.58	0	57548	739
1*50 W	58283	16.07	- 5	58278	1076

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 31 May 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
2*00W	58205	16.17	- 5	58200	1022
2*50W	57422	16.30	- 10	57412	579
3*00W	57803	16.40	- 10	57293	391
0*00	57574	16.55	- 10	57564	-
3*25W	57910	14.40			997
3*37.5W	58604	14.43			1386
3*50W	58428	14.45			1358
3*62.5W	57973	14.47			1011
3*75W	57673	14.49			705
4*00W	57500	11.20			478
4*50W	57238	11.30			310
5*00W	57264	11.40			363
5*50W	57685	11.50			539
5*62.5W	57521	11.59			573
5*75W	57563	12.04			518
6*00W	57425	12.06			523
6*50W	57680	09.27			541

## MAGNETOMETER SURVEY SHEET

Date 31 May 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
7*00W	57380	09.41	-	-	699
7*50W	58355	09.55	-	-	810
7*25W	57149	09.58	-	-	567
7*57.5W	57614	10.00	-	-	557
7*62.5W	57861	10.02	-	-	579
8*00W	56978	10.08	-	-	511
7*75W	58226	10.15	-	-	692
7*17.5W	57338	10.18	-	-	601
8*12.5W	57501	10.20	-	-	391
8*50W	57224	10.26	-	-	242
9*00W	57020	10.35	-	-	-185
9*50W	55996	10.48	-	-	-178
9*37.5W	58276	10.55	-	-	278
9*25W	56564	10.56	-	-	- 88
9*12.5W	56244	10.59	-	-	-981
9*62.5W	55025	11.03	-	-	-1942
9*75W	53939	11.06	-	-	-2041

## MAGNETOMETER SURVEY SHEET

Date 1st June 1983

Property: Kettle # 3

Instrument Type: Scrintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
9*87.5W	56935	11.08	-	-	- 711
10*00W	57349	11.13	-	-	312
10*35W	57616	11.16	-	-	465
10*50W	57273	11.25	-	-	360
11*00W	57277	11.37	-	-	233
11.50W	57106	11.46	-	-	237
12*00W	57171	12.00	-	-	156
12*50W	57501	12.11	-	-	337
13*00W	57174	12.08	-	-	288
13*50W	57302	12.06	-	-	334
14*00W	57662	12.13	-	-	462
14*50W	57392	12.46	-	-	548
15*00W	57852	12.51	-	-	810
15*50W	58144	13.02	-	-	1018
15*62W	57930	13.06	-	-	862
16*00W	57445	13.11	-	-	697
16*50W	57968	13.15	-	-	540

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 1 June 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
17*00W	56775	13.26	-	-	480
17*50W	58403	13.35	-	-	891
18*00W	57983	13.42	-	-	955
18*50W	57451	14.00	-	-	783
2*00W	58245	16.30	-	58245	865
200W*25S	57520	16.35	- 5	57515	650
200W*50S	57314	16.38	-10	57304	435
200W*70S	-	ROAD			
200W*100S	57593	16.42	-19	57574	691
200W	58264	17.03	-19	57245	936
0*00	57621	17.12	-	-	874
400W*25S	57988	14.58	-	-	722
400W*50S	57291	15.03	-	-	497
400W*75S	57417	15.16	-	-	307
400W*100S	57103	15.20	-	-	165
400W*125S	57036	15.25	-	-	117
400W*150S	57293	15.30	-	-	242

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 1 Jun 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
400W*200S	57344	15.44	-	-	588
400W*250S	57603	15.58	-	-	589
400W	57802	16.17	-	-	759
600W*25S	57830	12.12	-	-	899
600W*50S	58138	12.14	-	-	888
600W*100S	57445	12.22	-	-	737
600W*150S	57920	12.29	-	-	964
600W*200S	58570	12.37	-	-	1317
600W*225S	58208	12.45	-	-	1271
600W*237.5S	58098	12.53	-	-	1057
600W*250S	57823	12.58	-	-	802
600W*300S	57465	13.03	-	-	448
600W*350S	57380	13.12	-	-	422
600W*400S	57462	13.23	-	-	443
600W*425S	-	ROAD			-
600W*450S	57467	15.32	-	-	451
600W*500S	57406	15.36	-	-	493

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 2 Jun.1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
600W*550S	57693	15.42	-	-	520
600W*600S	57856	16.00	-	-	602
600W*700S	57408	16.09	-	-	538
600W*750S	57481	16.15	-	-	391
600W*800S	57194	16.20	-	-	317
600W*850S	57398	16.25	-	-	319
600W*900S	57284	16.32	-	-	368
600W*950S	57506	16.41	-	-	389
600W*1000S	57261	16.46	-	-	327
600W*1050S	57281	16.52	-	-	406
600W*1100S	57804	17.08	-	-	493
800W*400S	57081	13.26	-	-	468
800W*450S	57904	13.33	-	-	558
800W*500S	57343	13.39	-	-	493
800W*550S	57381	13.44	-	-	403
800W*600S	57508	13.52	-	-	445
800W*650S	57381	14.00	-	-	471



## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 2 Jun. 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
800W*700S	57613	14.09	-	-	442
800W*750S	57160	14.24	-	-	250
800W*800S	57065	14.52	-	-	135
800W*850S	57250	14.55	-	-	206
800W*900S	57257	15.00	-	-	121
800W	56718	15.17	-	-	304
800W*50S	58524	15.34	-	-	1005
800W*37.5S	58253	15.35	-	-	940
800W*25S	56731	15.37	-	-	395
800W*75S	57865	15.41	-	-	691
800W*100S	58304	15.46	-	-	1087
800W*150S	57876	16.06	-	-	1011
800W*200S	57990	16.15	-	-	870
800W*250S	57625	16.24	-	-	851
800W*300S	58165	16.34	-	-	938
800W*312.5S	57797	16.36	-	-	780
800W*350S	57361	16.39	-	-	403

GEWARGIS RESOURCES INC.

MAGNETOMETER SURVEY SHEET

Date 2 Jun.1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
800W*400S	57092	17.06	-	-	197
1000W	57242	15.45	-	-	242
1000W*50S	57390	15.50	-	-	438
1000W*75S	57730	15.55	-	-	783
1000W*85S	58281	15.57	-	-	1080
1000W*100S	58028	15.58	-	-	985
1000W*130S	57604	16.07	-	-	767
1000W*140S	57831	16.08	-	-	765
1000W*150S	57793	16.14	-	-	1274
1000W*162.5S	59679	16.15	-	-	3564
1000W*175S	65103	16.16	-	-	6981
1000W*180S	66040	16.24	-	-	6335
1000W*190S	56155	16.25	-	-	1869
1000W*200S	57126	16.26	-	-	260
1000W*250S	58632	16.30	-	-	1077
1000W*300S	57916	16.35	-	-	1098
1000W*350S	57926	16.40	-	-	898

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 3rd Jun 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1000W*400S	57825	16.45	-	-	746
1000W*450S	57408	17.00	-	-	444
1000W*500S	57135	14.24	-	-	184
1000W*550S	57056	14.31	-	-	122
1000W*600S	57242	14.34	-	-	171
1000W*650S	57142	14.50	-	-	241
1000W*700S	57436	14.52	-	-	335
1000W*750S	57328	15.04	-	-	406
1000W*800S	57532	15.20	-	-	393
1000W*887.5S	57178	15.22	-	-	269
1000W*862.5S	57189	15.24	-	-	226
1000W*810S	57348	15.27	-	-	382
1000W*850S	57643	15.41	-	-	490
1000W*900S	57324	15.50	-	-	427
1000W*950S	57416	15.59	-	-	357
1000W*1000S	57273	16.06	-	-	298
1000W*1050S	57229	10.24	-	-	259

GEWARGIS RESOURCES INC.

MAGNETOMETER SURVEY SHEET

Date 3 Jun.1983

Property: Kettle 7 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1000W*1100S	57303	10.29	-	-	245
1000W*1150S	57144	10.33	-	-	169
1000W*1200S	57086	10.39	-	-	155
1000W*1250S	57302	10.46	-	-	251
1000W*1300S	57312	10.55	-	-	250
1000W*1350S	57074	11.06	-	-	152
1000W*1400S	57148	11.19	-	-	146
1000W*1450S	57213	11.32	-	-	230
1000W*1500S	57344	11.37	-	-	270
1200W*1100S	57180	13.31	-	-	195
1200W*1150S	57077	13.25	-	-	176
1200W*1200S	57371	13.20	-	-	291
1200W*1250S	57345	13.10	-	-	334
1200W-1300S	57273	13.04	-	-	326
1200W*1350S	57414	12.56	-	-	330
1200W*1400S	57219	12.50	-	-	300
1200W*1450S	57349	12.40	-	-	308

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 4 Jun.1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1200W*1500S	57316	12.36	-	-	320
1200W*1550S	57221	14.40	-	-	237
1200W*1600S	57207	14.45	-	-	204
1200W*1650S	57181	14.50	-	-	243
1200W*1700S	57404	15.00	-	-	290
1200W	57171	12.00	-	-	312
1200W*50S	57501	12.11	-	-	306
1200W*100S	57050	12.30	-	-	240
1000W*150S	57357	12.39	-	-	352
1200W*200S	57639	12.46	-	-	471
1200W*250S	57245	12.59	-	-	485
1200W*300S	57827	13.08	-	-	645
1200W*350S	57683	13.13	-	-	726
1200W*400S	57711	13.30	-	-	510
1200W*450S	56933	13.49	-	-	191
1200W*500S	57188	13.55	-	-	220
1400W	57570	11.30	-	-	455

GEWARGIS RESOURCES INC.

MAGNETOMETER SURVEY SHEET

Date 4 Jun 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1400W*50S	57492	11.46	-	-	478
1400W*100S	57358	11.50	-	-	408
1400W*150S	57422	11.55	-	-	394
1400W*200S	57375	12.00	-	-	389
1400W*250S	57383	12.06	-	-	431
1400W*300S	57584	12.12	-	-	167
1400W*350S	57167	12.23	-	-	288
1400W*400S	57233	12.34	-	-	217
1400W*450S	57233	12.37	-	-	293
1400W*500S	57472	12.38	-	-	388
1400W*550S	58373	12.47	-	-	314
1400*575.5S	58039	12.49	-	-	359
1400W*562.5	57896	12.51	-	-	537
1400W*587.5	57138	12.55	-	-	405
1400W*600S	57358	12.58	-	-	258
1400W*650S	57176	13.00	-	-	217
1400W*700S	57159	13.06	-	-	155

GEWARGIS RESOURCES INC.

MAGNETOMETER SURVEY SHEET

Date 5 June 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1400W*750S	57125	13.11	-	-	168
1400W*1300S	57262	16.52	-	-	271
1400W*1350S	57433	16.49	-	-	358
1400W*1400S	57307	16.42	-	-	314
1400W*1450S	57209	16.35	-	-	247
1400W*1500S	57261	15.40	-	-	279
1400W*1550S	57384	16.05	-	-	353
1400W*1600S	57384	16.10	-	-	383
1600W	57379	09.35	-	57379	443
1600W*50S	57626	09.40	-	57628	476
1600W*100S	57268	09.46	2	57270	405
1600W*150S	57451	09.55	4	57455	343
1600W*200S	57185	10.00	6	57191	345
1600W*250S	57533	10.07	8	57541	466
1600W*300S	57583	10.16	8	57591	597
1600W*350S	57653	10.22	10	57663	601
1600W*400S	57477	10.30	10	57487	566

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 5 June 1983

Property: Kettle # # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1600W*450S	57616	10.36	12	57628	547
1600W*500S	57431	10.41	12	57443	563
1600W*550S	57719	10.50	18	57737	708
1600W*600S	57898	10.56	18	57916	764
1600W*650S	57470	11.00	18	57488	563
1600W	57361	11.12	18	57361	403
1400W*1650S	57836	16.10	-	-	670
1400W*1700S	57339	16.19	-	-	684
200W	58222	08.26	-	-	839
200W*100S	57572	08.35	-	-	752
200W*150S	57640	08.40	-	-	598
200W*200S	57540	08.47	-	-	608
200W*250S	57711	08.55	-	-	580
200W*300S	57357	09.02	-	-	461
200W*350S	57419	09.11	-	-	518
200W*400S	57878	09.19	-	-	762
200W*450S	57873	09.29	-	-	761



## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 6 June 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
200W*500S	57423	09.41	-	-	523
200W*550S	57374	09.50	-	-	355
200W*600S	57249	09.57	-	-	280
200W*650S	57249	09.59	-	-	302
200W*700S	57459	10.12	-	-	304
1800W-50S	59048	14.27	-	-	36
1800W*100S	56589	14.36	-	-	119
1800W-125S	58249	14.30	-	-	941
1800W*175S	58676	14.32	-	-	1063
1800W*162.5S	56650	14.39	-	-	285
1800W*150S	57162	14.49	-	-	105
1800W*200S	57467	14.50	-	-	141
1800W*250S	56467	14.58	-	-	150
1800W*262.5S	57001	14.59	-	-	27
1800W*300S	57640	15.05	-	-	422
1800W*350S	57407	15.20	-	-	504
1800W*400S	57563	15.30	-	-	510

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 7 June 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1800W*450S	57508	15.36	-	-	625
400W*250S	57922	10.50	-	-	729
400W*300S	57563	10.55	-	-	536
400W*350S	57099	11.01	-	-	230
400W*400S	57160	11.09	-	-	144
400W*450S	57158	11.16	-	-	171
400W*500S	57209	11.25	-	-	176
400W*550S	57128	11.34	-	-	198
400W*600S	57099	11.38	-	-	83
400W*650S	57327	11.45	-	-	189
400W*700S	57005	11.51	-	-	147
400W*750S	57251	11.56	-	-	97
400W*800S	57332	12.05	-	-	458
400W*850S	57915	12.10	-	-	569
400W*900S	57113	12.16	-	-	459
00*0	57695	13.15	-	-	474
00*50S	57393	13.00	-	-	469

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 7 June 1983

Property: Kettle 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
00*100S	57393	12.58	-	-	418
00*150S	57492	12.54	-	-	450
00*188S	57424	12.47	-	-	340
00*200S	57019	12.45	-	-	104
00*250S	56952	12.33	-	-	17
00*262.5S	57144	11.29	-	-	110
00*275.5S	57201	11.30	-	-	244
00*300S	57429	11.31	-	-	313
00*350S	57105	11.46	-	-	269
00*400S	57270	11.56	-	-	280
00*450S	57388	12.00	-	-	319
00*500S	57278	12.03	-	-	340
00*550S	57333	12.20	-	-	340
200E	57417	10.10	-	-	453
200E*50S	57312	10.14	-	-	421
200E*62.5S	57640	10.18	-	-	548
200E*75.5S	57593	10.19	-	-	621

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 7 June 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
200E*100S	57656	10.22	-	-	552
200E*150S	57301	10.30	-	-	348
200E*200S	57134	10.44	-	-	211
200E*250S	57274	11.00	-	-	219
400E	57194	09.23	-	-	232
400E*50S	57264	09.27	-	-	256
400E*100S	57301	09.33	-	-	334
400E*150S	57471	09.39	-	-	342
400E*200S	57124	09.44	-	-	233
400E*250S	57214	09.47	-	-	253
200E	57457	14.04	-	-	461
200E*50N	57713	14.10	-	-	531
200E*100N	57239	14.19	-	-	470
200E*150N	57609	14.35	-	-	525
200E*200N	57518	14.41	-	-	531
200E*250N	57556	14.50	-	-	549
200E*300N	57567	15.02	-	-	525

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 8 June 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
200E*350N	57408	15.11	-	-	504
200E*400N	57631	15.21	-	-	569
200E*450N	57605	15.30	-	-	566
200E*500N	57421	15.40	-	-	461
200E*550N	57398	15.50	-	-	406
200E*600N	57521	16.00	-	-	411
400E	57192	11.00	-	-	430
400E*50N	57813	11.09	-	-	673
400E*100N	57872	11.15	-	-	768
400E*150N	57515	11.24	-	-	684
400E*200N	57832	11.32	-	-	748
400E*250N	57811	11.45	-	-	714
400E*300N	57400	11.52	-	-	538
400E*350N	57541	12.00	-	-	520
400E*400N	57597	12.06	-	-	566
400E*450N	57529	12.16	-	-	516
400E*500N	57398	12.26	-	-	457

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 8 June 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
400E*550N	57503	12.36	-	-	470
400E*600N	57474	12.43	-	-	466
600E	57414	08.16	-	57414	467
600E*50N	57570	08.29	-5	57214	440
600E*100N	57224	08.42	-10	57214	391
600E*150N	57589	08.52	-20	57569	377
600E*200N	57176	09.07	-20	57156	416
600E*250N	57811	09.19	-30	57781	512
600E*300N	57371	09.35	-40	57331	468
600E*350N	57478	09.47	-50	57428	437
600E*400N	57607	09.59	-50	57559	574
600E*450N	57809	10.13	-60	57749	634
600E*500N	57566	10.25	-86	57480	550
600E	57490	10.50	-86	-	506
0*00	57564	07.51	-	-	586
0*00*50N	57727	07.56	-	-	637
0*00*100N	57528	08.04	-	-	569

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 9 June 1983

Property: Kettle # 3

Instrument Type: Scintrex Mp-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
0*00*150N	57493	08.11	-	-	502
0*00*200N	57497	08.20	-	-	484
0*00*250N	57450	08.30	-	-	427
0*00*300N	57310	08.38	-	-	408
0*00*350N	57565	08.50	-	-	454
0*00*400N	57375	09.00	-	-	536
0*00*450N	57837	09.09	-	-	743
0*00*500N	57924	09.15	-	-	875
0*00*550N	57815	09.27	-	-	758
0*00*600N	57476	09.36	-	-	573
100W	57526	10.06	-	-	413
1*50W	57126	10.09	-	-	262
2*00W	57270	10.11	-	-	281
200W*50N	57457	10.17	0	57457	398
200W*100N	57406	10.26	0	57406	393
200W*150N	57314	10.31	-10	57304	329
200W*200N	57311	10.37	-10	57301	332

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 9 June 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
200W*200N	57311	10.37	-10	57301	332
200W*250N	57431	10.45	-10	57421	357
200W*300N	57305	10.47	-20	57285	282
200W*350N	57156	10.55	-20	57136	323
200W*400N	57755	11.02	-20	57735	533
200W*450N	57550	11.10	-25	57525	636
200W*500N	57789	11.16	-30	57759	617
200W*550N	57463	11.22	-39	57424	512
200W*600N	57478	11.30	-39	57439	403
200W	57309	11.50	-39	57270	411
0*00	57548	11.54	-	-	497
400W	57545	08.58	-	-	509
400W*50N	57400	09.07	-	-	412
400W*100N	57303	09.16	-	-	294
400W*150N	57169	09.58	-	-	267
400W*200N	57428	10.00	-	-	390
400W*250N	57536	10.05	-	-	494



GEWARGIS RESOURCES INC.

MAGNETOMETER SURVEY SHEET

Date 9 Jun 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
400W*300N	58475	10.08	-	-	493
400W*287.5N	57487	10.15	-	-	478
400W*312.5N	58464	10.30	-	-	591
400W*325N	57950	10.31	-	-	777
400W*350W	57742	10.36	-	-	761
400W*400N	57611	10.50	-	-	632
400W*450N	57565	11.05	-	-	590
400W*500N	57617	11.30	-	-	523
400W*550N	57293	11.40	-	-	525
400W*600N	57913	11.48	-	-	658
400W	57514	12.17	-	-	620
600W	57537	13.20	-	-	498
600W*50N	57208	13.31	-	-	339
600W*100N	57402	13.41	-	-	277
600W*150N	57095	13.50	-	-	307
600W*200N	57635	14.02	-	-	351
600W*250N	58037	14.15	-	-	395

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 10 Jun 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
600W*237.5N	57873	14.16	-	-	894
600W*262.5N	58791	14.20	-	-	1314
600W*300N	57801	14.25	-	-	977
600W*350N	57514	14.45	-	-	573
600W*400N	57461	14.55	-	-	476
600W*450N	57466	15.05	-	-	458
600W*500N	57440	15.15	-	-	443
600W*550N	57427	15.24	-	-	450
600W*600N	57509	15.33	-	-	366
600W*650N	57017	15.40	-	-	198
600W*700N	57247	15.50	-	-	227
600W*750N	57397	15.59	-	-	373
600W*800N	57452	16.10	-	-	526
600W*850N	57804	16.18	-	-	650
600W*900N	57540	16.26	-	-	618
600W*950N	57586	16.33	-	-	598
600W*1000N	57681	16.39	-	-	661

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 10 Jun 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
600W*1050N	57695	16.53	-	-	672
600W*1100N	57615	17.34	-	-	641
800W	57593	09.08	-	-	646
800W*50N	57753	09.10	-	-	573
800W*100N	57191	09.13	-	-	412
800W*150N	57512	09.15	-	-	416
800W*200N	57447	09.17	-	-	364
800W*250N	57051	09.20	-	-	380
800W*300N	57971	09.24	-	-	741
800W*350N	57969	09.34	-	-	856
800W*400N	57513	09.40	-	-	593
800W*450N	57376	09.43	-	-	612
800W*500N	58182	09.48	-	-	818
800W*487.5N	57530	09.50	-	-	667
800W*512N	57425	09.53	-	-	462
800W*550N	57467	09.56	-	-	566
800W*600N	57417	10.02	-	-	552

GEWARGIS RESOURCES INC.

MAGNETOMETER SURVEY SHEET

Date 11 Jun 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
800W*650N	57905	10.05	-	-	668
800W*700N	57445	10.11	-	-	522
800W*750N	57293	10.14	-	-	369
800W*800N	57431	10.24	-	-	336
800W*850N	57320	10.32	-	-	337
800W*900N	57273	10.38	-	-	289
800W*950N	57289	10.44	-	-	264
800W*1000N	57205	10.50	-	-	353
800W*1050N	57711	10.56	-	-	425
800W*1100N	57074	11.04	-	-	294
1000W	57317	12.24	-	-	245
1000W*50N	57272	12.30	-	-	410
1000W*100N	57780	12.37	-	-	883
1000W*150N	58699	12.45	-	-	1399
1000W*137.5N	58416	12.47	-	-	1282
1000W*125N	57597	12.49	-	-	850
1000W*162.5N	57790	12.52	-	-	618

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 11 Jun 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1000W*175N	57295	12.52	-	-	432
1000W*200N	57346	12.56	-	-	564
1000W*250N	58268	13.05	-	-	903
1000W*237.5N	57730	13.09	-	-	789
1000W*262.5N	57428	13.11	-	-	559
1000W*300N	57650	13.20	-	-	539
1000W*350N	57428	13.26	-	-	552
1000W*400N	57701	13.34	-	-	657
1000W*450N	57593	13.39	-	-	671
1000W*500N	57797	13.47	-	-	671
1000W*550N	57496	13.56	-	-	552
1000W*600N	57419	14.04	-	-	439
1000W*650N	57423	14.10	-	-	448
1000W*700N	57525	14.14	-	-	481
1000W*750N	57450	14.23	-	-	417
1000W*800N	57244	14.29	-	-	301
1000W*850N	57264	14.34	-	-	229

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 11 Jun 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1000W*900N	57232	14.40	-	-	229
1000W*950N	57189	14.44	-	-	239
1000W*1000N	57339	14.49	-	-	295
1000W	57311	15.28	-	-	277
1200W	57145	15.36	-	-	210
1200W*50N	57238	15.43	-	-	148
1200W*100N	56971	15.48	-	-	55
1200W*87.5N	57038	15.50	-	-	62
1200W*112.5N	57202	15.52	-	-	359
1200W*150N	57308	16.02	-	-	453
1200W*200N	57992	16.11	-	-	728
1200W*250N	57620	16.15	-	-	713
1200W*300N	57618	16.20	-	-	774
1200W*350N	58239	16.26	-	-	992
1200W*362.5N	57873	16.31	-	-	695
1200W*400N	57796	16.36	-	-	829
1200W*450N	57850	16.40	-	-	764

GEWARGIS RESOURCES INC.

MAGNETOMETER SURVEY SHEET

Date 12 Jun 1983

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1200W*500N	57560	16.44	-	-	630
1200W*550N	57549	17.10	-	-	513
1200W*600N	57395	17.17	-	-	434
1200W*650N	57395	17.19	-	-	378
1200W*700N	57328	17.25	-	-	316
1200W	57213	17.42	-	-	375
800W	57747	17.54	-	-	569
1400W*50N	57817	12.08	-	-	737
1400W*100N	57565	12.07	-	-	720
1400W*150N	57931	12.05	-	-	777
1400W*200N	57682	12.03	-	-	658
1400W*250N	57338	12.01	-	-	355
1400W*300N	57061	11.50	-	-	273
1400W*350N	57633	11.52	-	-	443
1400W*400N	57447	11.54	-	-	500
1400W*450N	57471	11.55	-	-	577
1400W*500N	57917	11.57	-	-	683

## GEWARGIS RESOURCES INC.

## MAGNETOMETER SURVEY SHEET

Date 12 Jun 19 83

Property: Kettle # 3

Instrument Type: Scintrex MP-2

STATION	READING	TIME	CORRECTION	FINAL READING	FILTERED READING
1600W	57976	12.15	-	-	-
1600W*50N	57426	12.18	50	57476	554
1600W*100N	57445	12.22	150	57590	369
1600W*150N	57159	12.29	250	57409	402
1600W*200N	57846	12.37	350	58196	1021
1600W*250N	57834	12.41	450	58284	1321
1600W*300N	57944	12.45	574	58518	1440
1600W	57402	12.59	574	57976	889
1800W	57086	13.22	-	57086	309
1800W*50N	57128	13.31	-40	57088	105
1800W*100N	57222	13.35	-64	57158	123
1800W	57150	13.39	-64	57086	110
300W	57204	15.40	-	-	-
300W*50S	57613	15.47	-	-	-
300W*100S	57947	15.52	-	-	-
300W*150S	57620	16.08	-	-	-
300W*200S	57537	16.15	-	-	-





## GEWARGIS RESOURCES INC.

## GEOCHEMISTRY SURVEY

Date 31 May 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
1	BL 0*00	0.0		18	BL 3*50W	0.0	
2	BL 0*50E	0.0		19	BL 4*00W	0.0	
3	BL 1*00E	0.0		20	BL 4*50W	1.0	purple
4	BL 1*50E	0.0		21	BL 5*00W	1.0	-do-
5	BL 2*00E	20.0	purple	22	BL 5*50W	0.0	
6	BL 2*50E	1.0	-do-	23	BL 6.00W	1.0	-do-
7	BL 3*00E	0.0		24	BL 6*50W	0.0	
8	BL 3*50E	0.0		25	BL 7*00W	0.0	
9	BL 4*00E	0.0		26	BL 7*50W	0.0	
10	BL 4*50E	0.0		28	BL 8*00W	0.0	
11	BL 5*00E	0.0		29	BL 8*50W	0.0	
12	BL 0*50W	0.0		30	BL 9*00W	0.0	
13	BL 1*00W	0.0		31	BL 10.00W	0.0	
14	BL 1*50W	0.0		32	BL 10.50W	0.0	
15	BL 2*00W	20.0	purple	33	BL 10*50W	0.0	
16	BL 2*50W	35.0	-do-	34	BL 11.00W	0.0	
17	BL 3*00W	0.0		35	BL 11*50W	0.0	

## GEWARGIS RESOURCES INC.

## GEOCHEMISTRY SURVEY

Date 1 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
36	BL 5*50E	0.0		53	600W*450S	0.0	
37	BL 6*00E	0.0		54	800W*50S	0.0	
38	200W*50S	10.0	purple	55	800W*100S	0.0	
39	200W*100S	0.0		56	800W*150S	0.0	
40	400W*50S	0.0		57	800W*200S	0.0	
41	400W*100S	0.0		58	800W*250S	0.0	
42	400W*150S	0.0		59	800W*300S	0.0	
43	400W*200S	5.0	Orange	60	800W*350S	0.0	
44	400W*250S	10.0	Purple	61	800W*400S	0.0	
45	600*50S	0.0		62	800W*450S	0.0	
46	600W*100S	0.0		63	1200W*50S	0.0	
47	600W*150S	0.0		64	1200W*100S	0.0	
48	600W*200S	0.0		65	1200W*150S	0.0	
49	600W*250S	0.0		66	1200W*200S	0.0	
50	600W*300S	0.0		67	1200W*250S	1.0	purple
51	600W*350S	0.0		68	1200W*300S	7.0	-do-
52	600W*500S	0.0		69	1200W*350S	1.0	-do-

GEWARGIS RESOURCES INC.

GEOCHEMISTRY SURVEY

Date 2 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
70	1200W*400S	0.0		87	0*00*250S	0.0	
71	1200W*450S	0.0		88	0*00*300S	0.0	
72	1200W*500S	0.0		89	0*00*350S	0.0	
73	1000W*50S	0.0		90	0*00*400S	0.0	
74	1000W*100S	0.0		91	0*00*450S	0.0	
75	1000W*150S	0.0		92	0*00*500S	0.0	
76	1000W*200S	0.0		93	0*00*550S	0.0	
77	1000W*250S	0.0		94	200E*50S	0.0	
78	1000W*300S	0.0		95	200E*100S	0.0	
79	1000W*350S	0.0		96	200E*150S	0.0	
80	1000W*350S	0.0		97	200E*200S	0.0	
81	1000W*400S	0.0		98	200E*250S	0.0	
82	1000W*450S	0.0		99	400E*50S	0.0	
83	0*00*50S	0.0		100	400E*100S	0.0	
84	0*00*100S	0.0		101	400E*150S	0.0	
85	0*00*150S	0.0		102	400E*200S	0.0	
86	0*00*200S	0.0		103	1000W*500S	0.0	

## GEWARGIS RESOURCES INC.

## GEOCHEMISTRY SURVEY

Date 3 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
104	1000W*550S	0.0		121	1400W*400S	0.0	
105	1000W*600S	0.0		122	1400W*450S	0.0	
106	1000W*650S	0.0		123	1400W*500S	0.0	
107	1000W*700S	0.0		124	1400W*550S	0.0	
108	1000W*750S	0.0		125	1400W*600S	0.0	
109	1000W*800S	0.0		126	1400W*650S	0.0	
110	1000W*850S	0.0		127	1400W*700S	0.0	
111	1000W*900S	0.0		128	1400W*750S	0.0	
112	1000W*950S	0.0		129	1600W*50S	0.0	
113	1000W*1000S	0.0		130	1600W*100S	0.0	
114	1400W*50S	0.0		132	1600W*150S	0.0	
115	1400W*100S	0.0		133	1600W*200S	0.0	
116	1400W*150S	0.0		134	1600W*300S	0.0	
117	1400W*200S	0.0		135	1600W*350S	30.0	purple
118	1400W*250S	0.0		136	1600W*400S	0.0	
119	1400W*300S	0.0		137	1600W*450S	0.0	
120	1400W*350S	0.0		138	1600W*500S	0.0	

## GEWARGIS RESOURCES INC.

## GEOCHEMISTRY SURVEY

Date 3 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
139	1600W*550S	0.0		156	1800W*100S	0.0	
140	1600W*600S	0.0		157	1800W*150S	0.0	
141	1600W*600S	0.0		158	1800W*200S	0.0	
142	1250W	0.0		159	1800W*250S	0.0	
143	1300W	0.0		160	1800W*300S	0.0	
144	1350W	0.0		161	1800W*350S	0.0	
145	1400W	0.0		162	1800W*400S	0.0	
146	1450W	0.0		163	1800W*450S	0.0	
147	1500W	0.0		164	1000W*1050S	20.0	purple
148	1550W	0.0		165	1000W*1100S	0.0	
149	1600W	0.0		166	1000W*1150S	4.0	-do-
150	1650W	0.0		167	1000W*1200S	0.0	
151	1700W	0.0		168	1000W*1250S	0.0	
152	1750W	0.0		169	1000W*1300S	0.0	
153	1800W	0.0		170	1000W*1350S	0.0	
154	1850W	0.0		171	1000W*1400S	0.0	
155	1800W*50S	0.0		172	1000W*1450S	0.0	

GEWARGIS RESOURCES INC.

GEOCHEMISTRY SURVEY

Date 4 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
173	1000W*1500S	0.0		190	1400W*1450S	0.0	
174	1200W*1100S	0.0		191	1400W*1500S	0.0	
175	1200W*1150S	0.0		192	1400W*1550S	0.0	
176	1200W*1200S	0.0		193	1400W*1600S	0.0	
177	1200W*1250S	0.0		194	1400W*1650S	0.0	
178	1200W*1300S	0.0		195	1400W*1700S	0.0	
179	1200W*1350S	0.0		196	200W*100S	0.0	
180	1200W*1400S	0.0		197	200W*150S	0.0	
181	1200W*1450S	0.0		198	200W*200S	0.0	
182	1200W*1500S	0.0		199	200W*250S	0.0	
183	1200W*1550S	0.0		200	200W*300S	0.0	
184	1200W*1600S	0.0		201	200W*350S	0.0	
185	1200W*1650S	0.0		202	200W*400S	0.0	
186	1200W*1700S	0.0		203	200W*450S	0.0	
187	1400W*1300S	0.0		204	200W*500S	0.0	
188	1400W*1350S	0.0		205	200W*550S	0.0	
189	1400W*1400S	0.0		206	200W*600S	0.0	

- 60 -  
GEWARGIS RESOURCES INC.

GEOCHEMISTRY SURVEY

Date 5 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
207	200W*650S	0.0		224	600W*550S	0.0	
208	200W*700S	0.0		225	600W*600S	0.0	
209	400W*300S	0.0		226	600W*650S	0.0	
210	400W*350S	0.0		227	600W*700S	0.0	
211	400W*400S	0.0		228	600W*750S	0.0	
212	400W*450S	0.0		229	600W*800S	0.0	
213	400W*500S	0.0		230	600W*850S	0.0	
214	400W*550S	1.0	purple	231	600W*900S	0.0	
215	400W*600S	0.0		232	600W*950S	1.0	purpl
216	400W*650S	0.0		233	600W*1000S	0.0	
217	400W*700S	0.0		234	600W*1050S	1.0	-do-
218	400W*750S	0.0		235	600W*1100S	0.0	
219	400W*800S	6.0	purple	236	800W*450S	0.0	
220	400W*850S	0.0		237	800W*500S	0.0	
221	400W*900S	4.0	-do-	238	800W*550S	0.0	
222	600W*150S	0.0		239	800W*600S	0.0	
223	600W*500S	0.0		240	800W*650S	0.0	



- 61 -  
GEWARGIS RESOURCES INC.

GEOCHEMISTRY SURVEY

Date 5 June 1983

Property: Kettle # 3

Method: Bloom. Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
241	800W*700S	0.0		258	200E*550N	0.0	
242	800W*750S	1.0	purple	259	200E*600N	0.0	
243	800W*775S	30.0	-do-	260	200E*650N	0.0	
244	800W*800S	0.0		261	400E*100N	0.0	
245	800W*850S	0.0		262	400E*150N	0.0	
246	800W*900S	0.0		263	400E*200N	0.0	
247	200E*50N	0.0		264	400E*250N	0.0	
248	200E*100N	0.0		265	400E*300N	0.0	
249	200E*150N	0.0		266	400E*350N	0.0	
250	200E*200N	0.0		267	400E*400N	0.0	
251	200E*250N	0.0		268	400E*450N	0.0	
252	200E*300N	0.0		269	400E*500N	0.0	
253	200E*350N	0.0		270	400E*550N	0.0	
254	200E*400N	0.0		271	400E*600N	0.0	
255	200E*450N	0.0		272	600E*50N	0.0	
256	200E*500N	0.0		273	600E*100N	0.0	
257	200E*550N	0.0		274	600E*150N	0.0	

- 62 -  
GEWARGIS RESOURCES INC.

GEOCHEMISTRY SURVEY

Date 6 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
275	600E*200N	0.0		292	0-00-550N	0.0	
276	600E*250N	0.0		293	0*00*600N	0.0	
277	600E*300N	0.0		294	200W*50N	1.0	
278	600E*350N	0.0		295	200W*100N	0.0	
279	600E*400N	0.0		296	200W*150N	0.0	
280	600E*450N	0.0		297	200W*200N	0.0	
281	600E*500N	0.0		298	200W*250N	0.0	
282	0*00*50N	0.0		299	200W*300N	0.0	
283	0*00*100N	0.0		300	200W*350N	0.0	
284	0*00*150N	0.0		301	200W*400N	0.0	
285	0*00*200N	0.0		302	200W*450N	0.0	
286	0*00*250N	0.0		303	200W*500N	0.0	
287	0*00*300N	0.0		304	200W*550N	0.0	
288	0*00*350N	0.0		305	200W*600N	0.0	
289	0*00*400N	0.0		306	400W*50N	2.0	purple
290	0*00*450N	0.0		307	400W*100N	0.0	
291	0*00*500N	0.0		308	400W*150N	0.0	

## GEWARGIS RESOURCES INC.

## GEOCHEMISTRY SURVEY

Date 7 June 19 83

Property: Kettle #3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
309	400W*250N	0.0		326	600W*500N	0.0	
310	400W*300N	0.0		327	600W*550N	0.0	
311	400W*350N	0.0		328	600W*600N	0.0	
312	400W*400N	0.0		329	600W*650N	0.0	
313	400W*450N	0.0		330	600W*700N	4.0	
314	400W*500N	0.0		331	600W*750N	0.0	
315	400W*550N	2.0	purple	332	600W*800N	0.0	
316	400W*600N	0.0		333	600W*850N	0.0	
317	600W*50N	0.0		334	600W*900N	0.0	
318	600W*100N	0.0		335	600W*950N	0.0	
319	600W*150N	0.0		336	600W*1000N	0.0	
320	600W*200N	0.0		337	600W*1050N	0.0	
321	600W*250N	0.0		338	600W*1100N	0.0	
322	600W*300N	0.0		339	800W*50N	0.0	
323	600W*350N	0.0		340	800W*100N	2.0	
324	600W*400N	2.0		341	800W*150N	0.0	
325	600W*450N	0.0		342	800W*200N	0.0	

## GEWARGIS RESOURCES INC.

## GEOCHEMISTRY SURVEY

Date 8 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
343	800W*250N	0.0		360	800W*1100N	0.0	
344	800W*300N	0.0		361	1000W*50N	0.0	
345	800W*350N	0.0		362	1000W*100N	0.0	
346	800W*400N	0.0		363	1000W*150N	0.0	
347	800W*450N	2.0		364	1000W*200N	0.0	
348	800W*500N	0.0		365	1000W*250N	5.0	
349	800W*550N	0.0		366	1000W*300N	0.0	
350	800W*600N	0.0		367	1000W*350N	0.0	
351	800W*650N	0.0		368	1000W*400N	2.0	
352	800W*700N	0.0		369	1000W*450N	0.0	
353	800W*750N	1.0		370	1000W*500N	0.0	
354	800W*800N	2.0		371	1000W*550N	2.0	
355	800W*850N	0.0		372	1000W*600N	0.0	
356	800W*900N	0.0		373	1000W*650N	0.0	
357	800W*950N	0.0		374	1000W*700N	0.0	
358	800W*1000N	0.0		375	1000W*750N	0.0	
359	800W*1050N	0.0		376	1000W*800N	0.0	

- 65 -  
GEWARGIS RESOURCES INC.

GEOCHEMISTRY SURVEY

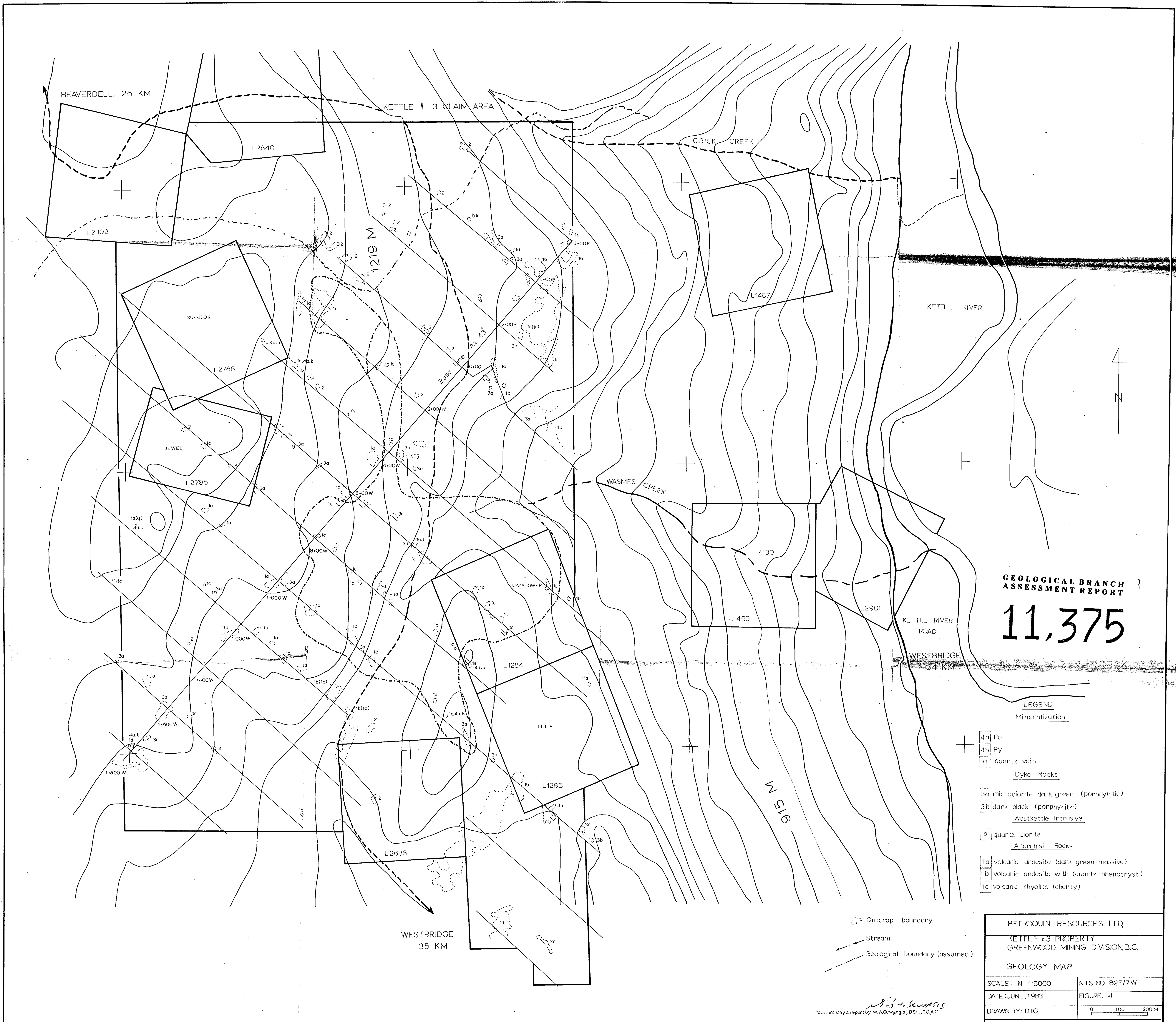
Date 9 June 1983

Property: Kettle # 3

Method: Bloom Test

NO	STATION	RESULT	REMARKS	NO	STATION	RESULT	REMARK
377	1000W*850N	0.0		394	1200W*700N	0.0	
378	1000W*900N	0.0		395	1200W*750N	0.0	
379	1000W*950N	0.0		396	1200W*800N	0.0	
380	1000W*1000N	0.0		397	1400W*50N	0.0	
381	1200W*50N	0.0		398	1400W*100N	0.0	
382	1200W*100N	2.0		399	1400W*150N	0.0	
383	1200W*150N	2.0		400	1400W*200N	0.0	
384	1200W*200N	0.0		401	1400W*250N	0.0	
385	1200W*250N	0.0		402	1400W*300N	0.0	
386	1200W*300N	0.0		403	1400W*350N	2.0	
387	1200W*350N	0.0		405	1400W*400N	0.0	
388	1200W*400N	0.0		406	1400W*450N	5.0	
389	1200W*450N	0.0		407	1400W*500N	0.0	
390	1200W*500N	0.0		408	1600W*50N	0.0	
391	1200W*550N	0.0		409	1600W*100N	0.0	
392	1200W*600N	0.0		410	1600W*150N	0.0	
393	1200W*650N	0.0		411	1600W*200N	0.0	





**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,375**

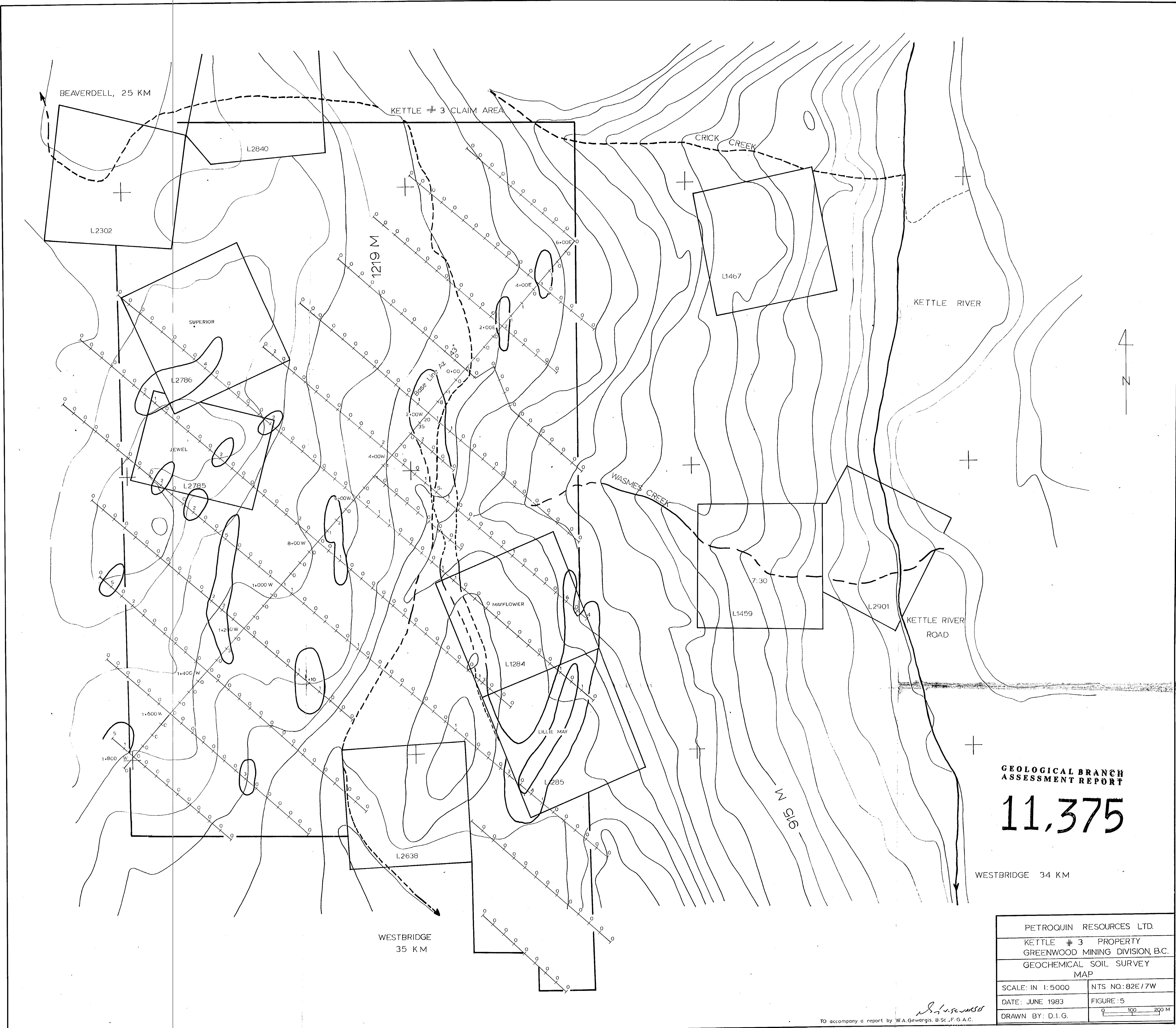
**LEGEND**  
Mineralization

- 4a Po
- 4b Py
- q quartz vein
- Dyke Rocks
- 3a microdiorite dark green (porphyritic)
- 3b dark black (porphyritic)
- Wst Kettle Intrusive
- 2 quartz diorite
- Anarchist Rocks
- 1a volcanic andesite (dark green massive)
- 1b volcanic andesite with (quartz phenocryst)
- 1c volcanic rhyolite (cherty)

- Outcrop boundary
- Stream
- Geological boundary (assumed)

PETROQUIN RESOURCES LTD.	
KETTLE #3 PROPERTY GREENWOOD MINING DIVISION, B.C.	
GEOLOGY MAP	
SCALE: IN 1:5000	NTS NO. 82E17W
DATE: JUNE, 1983	FIGURE: 4
DRAWN BY: D.I.G.	0 100 200 M

*W.A. Gevargis*  
To accompany a report by W.A. Gevargis, B.Sc., F.G.A.C.



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

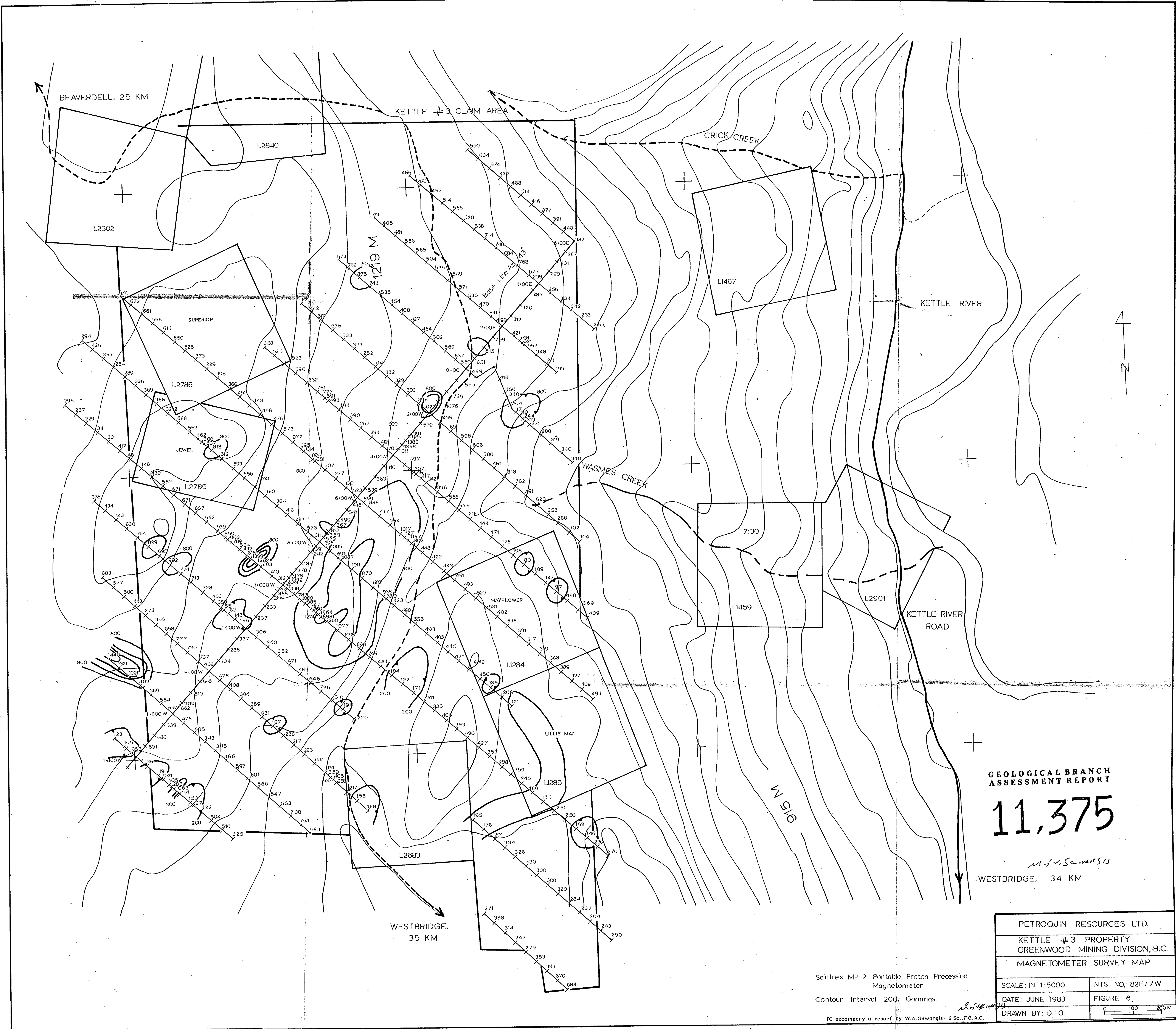
**11,375**

WESTBRIDGE 34 KM

PETROQUIN RESOURCES LTD.	
KETTLE # 3 PROPERTY GREENWOOD MINING DIVISION, B.C.	
GEOCHEMICAL SOIL SURVEY MAP	
SCALE: IN 1:5000	NTS NO: 82E/7W
DATE: JUNE 1983	FIGURE: 5
DRAWN BY: D.I.G.	0 100 200 M

TO accompany a report by W.A. Gwargis, B.Sc., F.G.A.C. *D.I.G.*





GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**11,375**

*M. J. Szwarcis*  
WESTBRIDGE, 34 KM

PETROQUIN RESOURCES LTD.	
KETTLE #3 PROPERTY GREENWOOD MINING DIVISION, B.C.	
MAGNETOMETER SURVEY MAP	
SCALE: IN 1:5000	NTS NO.: 82E/7W
DATE: JUNE 1983	FIGURE: 6
DRAWN BY: D.I.G.	0 100 200 M

Scintrex MP-2 Portable Proton Precession  
Magnetometer.  
Contour Interval 200. Gammas.

TO accompany a report by W.A. Gwargis B.Sc., F.G.A.C.