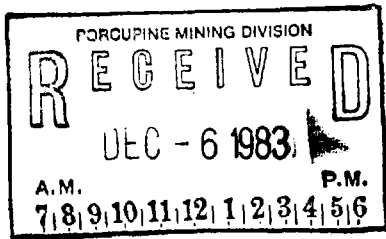




410155E0023 2.6132 ROLLO

010



GEOLOGICAL ASSESSMENT WORK  
REPORT  
ON  
44 CLAIMS IN ROLLO TOWNSHIP  
ONTARIO  
FOR  
KENTY RESOURCES LTD.

NOVEMBER 25, 1983

RECEIVED  
DEC 8 1983  
MINING LANDS SECTION



*Lead*  
*63-2612*

R.J. Graham, P. Eng.  
Geoconsulting Services  
23 Westview Drive  
Callander, Ontario  
POH 1H0

Tel: (705) 752-1170

### PROPERTY LOCATION AND ACCESS

The 44 claim block is located in southeast Rollo Township, about 75 miles southwest of Timmins.

Access is by paved Highway 101 to a point 60 miles west of Timmins, then south 35 miles by gravel logging roads to the property. A new gravel road just completed by Heron Resources Ltd. to their property in northeast Swayze Township passes through the east side of Kenty Resources Ltd. claim 650409.

### PROPERTY OWNERSHIP

The 44 unpatented contiguous claims are held by Kenty Resources Ltd. of 1601-100 Adelaide Street West, Toronto, Ontario, M5H 1S3.

### CONTRACTOR SUBMITTING WORK

The geological mapping was carried out by R.J. Graham, P. Eng., Geoconsulting Services of 23 Westview Drive, Callander, Ontario, POH 1H0 during the period September 1 to October 31, 1983.

### CLAIMS COVERED BY THE MAPPING

The following 44 claims were completely covered by the geological mapping, using lines cut at 120 meter intervals from a 94° astronomic baseline 2.8 miles long.

P632126-P632139; P642257-P642259; P642278-P642280;  
P672421-P672427; P650398-P650410; P575240-P575243.



TOPOGRAPHY, TREE COVER, OVERBURDEN, CLIMATE

Relief is generally flat with low hills to 30 feet. Occasional 10 foot cliffs occur, probably representing fault scarps.

Tree cover is locally dense and comprises mixed evergreens and deciduous varieties. There are extensive areas of wet swamp, especially near the Swayze River near the south part of the claims.

Overburden is very extensive, and outcrops are sparse, but the bouldery overburden probably does not exceed 50 feet.

The climate is Sub-Arctic, with summer highs of +24°C and winter lows of -40°C with several feet of snow.

GEOLOGICAL WORK

The region was previously mapped by Rickaby in 1934, (see O.D.M. Map 43b, Scale 1" = 1 mile and Volume XLIII, Part 3). His tabulation of rock types is shown on the attached sheet.

Because of the scarcity of outcrops, no useful interpretation can be made as to the possible continuity of the various rock units.

Here follows the description of the rock types

found during the mapping. Their distribution is shown on the attached map of the property, Scale 1:2,500 meters.

#### Mafic volcanics

Medium grained, dark green, often pillowed, aphanitic with vesicles. Feldspar laths and amphiboles sometimes visible.

#### Lapilli tuff

Polymictic, unsorted, fragments angular to sub-rounded, 1 mm to 8 cm diameter with a median of 7 cm.

#### Crystal tuff

Medium grey, aphanitic matrix with medium to fine white milky feldspar grains and 1 mm glassy quartz eyes. This may have been previously identified as "feldspar porphyry".

#### Argillite

Light grey siltstone with interbedded black graphitic siltstone usually less than 8 cm in thickness. Generally well bedded.

#### Lamprophyre

Medium to dark grey fine grained matrix with un-oriented mafic laths less than 4 mm long.

### Nipissing Diabase

Coarse grained, with up to 85% 5 mm amphiboles in a pale green saussuritized matrix.

### Rhyolite

Grey green, hard, aphanitic, sometimes carrying small mafic fragments. At 25 m east of line 2400E at 260 m south of the baseline, the rhyolite is highly siliceous, with quartz stringers and disseminated pyrite.

Early prospectors put down a series of scattered pits and trenches. These are all shown on the attached geological plan.

Besides scattered pyrite and minor local pyrrhotite, the only structure of possible exploration interest was a 6 inch quartz vein in a collapsed trench at 1700 m east and 210 m north. The vein has chloritic fragments in it but no sulphides were seen. The host rock is mafic volcanic.

No previous ground work is evident on the Kenty claims apart from general prospecting, and it is suggested that detailed geophysics including surveys of magnetometer and possibly induced polarization might assist in defining geologic structures and exploration targets.

CERTIFICATION

This certifies that the undersigned graduated from the Camborne School of Metalliferous Mining, Cornwall, England in 1954. He became a Member of the Association of Professional Engineers of Ontario (Mining) in 1957 and has remained a fully paid up Member to date.

For the last 28 years the undersigned has been actively engaged in mining and exploration in Canada and the U.S.A. with particular emphasis on gold.

The undersigned was contracted by Kenty Resources Ltd. to carry out geological mapping on their 44 claim property in Rollo Township, Ontario, and this work was actively supervised by the undersigned who verifies the mapping as being correct.

The undersigned has no financial interest in the property described in this Report, nor does he have any financial interest or Securities of the Company.

Dated at Callander, Ontario  
November 25, 1983





R.J. Graham, P. Eng.  
Geoconsulting Services  
23 Westview Drive  
Callander, Ontario  
POH 1H0

Tel: (705) 752-1170

### Table of Formations

#### QUATERNARY

PLEISTOCENE: Sand, gravel.

#### PRE-CAMBRIAN

KEWEENAWAN: Quartz diabase,<sup>1</sup> olivine diabase.

*Intrusive contact*

ALGOMAN: Quartz and feldspar porphyry, aplite, lamprophyre, granite, granodiorite, gneiss.

*Intrusive contact*

PRE-ALGOMAN:  
(Haileyburian?) Diorite, diabase, gabbro, peridotite, lamprophyre.

*Intrusive contact*

TIMISKAMING(?): Complex series consisting of sediments, including conglomerate, greywacké, quartzite, slate; trachytic to rhyolitic tuffs and agglomerates; hornblende and chlorite schists; iron formation.

KEEWATIN: Acid to basic lavas, including basalt, andesite, gabbro, diabase; rhyolite, dacite; tuffs and agglomerates; hornblende and chlorite schists; iron formation.





Ministry of  
Natural  
Resources

Report of Work  
(Geophysical, Geological,  
Geochemical and Expenditures)

2.6132

# 3



41015SE0023 2.6132 ROLLO

7.0.0.4.4

900

WAPUG-764 The Mi

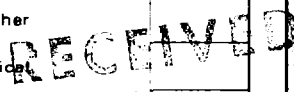
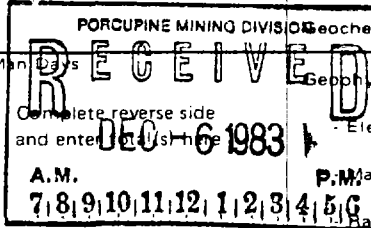
Type of Survey(s) <b>GEOLOGICAL MAPPING</b>		Township or Area <b>ROLLO TOWNSHIP</b>	
Claim Holder(s) <b>KENTY RESOURCES LTD.</b>		Operator's Licence No. <b>T1364</b>	
Address <b>1601-100 ADELAIDE STREET WEST, TORONTO, ONTARIO M5H 1S3</b>			
Survey Company <b>R.J. GRAHAM, P. ENG.</b>		Date of Survey (from & to) Day   Mo.   Yr.   Day   Mo.   Yr. <b>1 9 83 31 10 83</b>	Total Miles of line Cut <b>48.2</b>
Name and Address of Author (of Geo-Technical report) <b>R.J. GRAHAM, 23 WESTVIEW DRIVE, CALLANDER, ONTARIO POH 1HO</b>			

Credits Requested per Each Claim in Columns at right

Special Provisions For first survey: Enter 40 days. (This includes line cutting)  For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical	Days per Claim
	- Electromagnetic - Magnetometer - Radiometric - Other	
	Geological	40
	Geochemical	
Man Days Complete reverse side and enter in (S) column A.M. 7, 8, 9, 10, 11, 12, 1, 2, 3, 4, 5, 6 P.M.	Geophysical	Days per Claim
	- Electromagnetic - Magnetometer - Radiometric - Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic Magnetometer Radiometric	Days per Claim

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
P	632126	40	P	672424	40
	632127	40		672425	40
	632128	40		672426	40
	632129	40		672427	40
	632130	40		650398	40
	632131	40		650399	40
	632132	40		650400	40
	632133	40		650401	40
	632134	40		650402	40
	632135	40		650403	40
	632136	40		650404	40
	632137	40		650405	40
	632138	40		650406	40
	632139	40		650407	40
	642257	40		650408	40
	642258	40		650409	40
	642259	40		650410	40
	642278	40		575240	40
	642279	40		575241	40
	642280	40		575242	40
	672421	40		575243	40
	672422	40			
	672423	40			



MINING LANDS SECTION

Expenditures (excludes power stripping)

Type of Work Performed: **NEEDED**

Performed on Claim(s): **DEC 6 1983**

Calculation of Expenditure Days Credits: **9**

Total Expenditures \$  ÷ 15 =

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **114**

For Office Use Only

Total Days Cr. Recorded: **1760** Date Recorded: **Dec 6/83**

Date Approved as Recorded: **87.3.2** Mining Recorder: *[Signature]*

Date: **Nov. 25/83** Recorded Holder or Agent (Signature): **R.J. Graham (Agent)**

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: **R.J. GRAHAM, P. ENG., 23 WESTVIEW DRIVE, CALLANDER, ONTARIO POH 1HO**

Date Certified: **NOV. 25/83** Certified by (Signature): *[Signature]*

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

<input type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections	Date	Signature
L.D.			
Comments			

To: Geochemistry

<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections	Date	Signature
Jan 17/84 C. Kustra			
Comments			

To: Geology - Expenditures Mr. C. Kustra.

<input type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections	Date	Signature
Comments			

To: Geophysics

Comments			
----------	--	--	--

Mining Lands Comments



Ministry of Natural Resources  
Geotechnical Report Approval

File 26132

Initial Check

M. Anderson Jan 16, 84

Assessed

M. Anderson Feb 28 /84

Approved Reports of Work  
sent out

\_\_\_\_\_

Notice of Intent filed

\_\_\_\_\_

Approval after Notice of Intent  
sent out

\_\_\_\_\_

Duplicate sent to Resident  
Geologist

\_\_\_\_\_

Duplicate sent to A.F.R.O.

\_\_\_\_\_

1983 12 19

Our File: 2.6132

Mining Recorder  
Ministry of Natural Resources  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir:

We have received reports and maps for a Geological Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims P 632126 et al in the Township of Rollo.

This material will be examined and assessed and a statement of assessment work credits will be issued.

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data. Please forward a copy as soon as possible.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416)965-1380

A. Barr:mc

cc: Kenty Resources Ltd  
Suite 1601  
100 Adelaide Street West  
Toronto, Ontario M5H 1S3

cc: R.J. Graham  
23 Westview Drive  
Callander, Ontario P0H 1H0

The Mining Act

Type of Survey(s) <b>GEOLOGICAL MAPPING</b>		Township or Area <b>ROLLO TOWNSHIP</b>	
Claim Holder(s) <b>KENTY RESOURCES LTD.</b>		Prospector's Licence No. <b>T1364</b>	
Address <b>1601-100 ADELAIDE STREET WEST, TORONTO, ONTARIO M5H 1S3</b>			
Survey Company <b>R.J. GRAHAM, P. ENG.</b>		Date of Survey (from & to) 1 Day   9 Mo.   83 Yr.   31 Day   10 Mo.   83 Yr.	Total Miles of line Cut <b>48.2</b>
Name and Address of Author (of Geo-Technical report) <b>R.J. GRAHAM, 23 WESTVIEW DRIVE, CALLANDER, ONTARIO POH 1H0</b>			

Credits Requested per Each Claim in Columns at right		
Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	<b>40</b>
For each additional survey: using the same grid: Enter 20 days (for each)	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)					
Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
P	632126	40	P	672424	40
	632127	40		672425	40
	632128	40		672426	40
	632129	40		672427	40
	632130	40		650398	40
	632131	40		650399	40
	632132	40		650400	40
	632133	40		650401	40
	632134	40		650402	40
	632135	40		650403	40
	632136	40		650404	40
	632137	40		650405	40
	632138	40		650406	40
	632139	40		650407	40
	642257	40		650408	40
	642258	40		650409	40
	642259	40		650410	40
	642278	40		575240	40
	642279	40		575241	40
	642280	40		575242	40
	672421	40		575243	40
	672422	40			
	672423	40			

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$  + 15 =  Total Days Credits

Instructions  
 Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. 44

Date <b>Nov. 25/83</b>	Recorded Holder or Agent (Signature) <b>R.J. Graham (Agent)</b>
---------------------------	--

For Office Use Only			
Total Days Cr. Recorded	Date Recorded	Mining Recorder	
	Date Approved as Recorded	Branch Director	

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying  
**R.J. GRAHAM, P. ENG., 23 WESTVIEW DRIVE, CALLANDER, ONTARIO POH 1H0**

Date Certified **Nov. 25/83** Certified by (Signature) *R.J. Graham*

Geol

Geol

2.6132

P 632126	✓	672424	✓
27	✓	25	✓
28	✓	26	✓
29	✓	27	✓
30	✓	650398	✓
31	✓	99	✓
32	✓	400	✓
33	✓	01	✓
34	✓	02	✓
35	✓	03	✓
36	✓	04	✓
37	✓	05	✓
38	✓	06	✓
39	✓	07	✓
642257	✓	08	✓
58	✓	09	✓
59	✓	10	✓
642278	✓	575240	✓
79	✓	41	✓
80	✓	42	✓
672421	✓	43	✓
22	✓		
23	✓		

Mary-ellen  
Anderson



