

PROSPECTING / GEOPHYSICAL SURVEY

REE WEST 1 - 12

GRANT # YCO4003 - YC04014

NTS 116 B-9

64°34' NORTH

138°22' WEST

NTS 116 B - 9

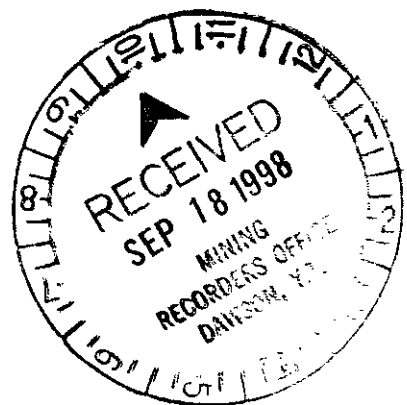
FOR CANADIAN UNITED MINERALS INC.
DAWSON MINING DISTRICT

AUTHOR Shawn Ryan

Work performed March 22 - 23, 1998

Date of Report September 16, 1998

093930



This report has been examined by
the Geological Evaluation Unit
Under Section 55 (4) Yukon Quartz
Mineral Act and is allowed as
representation work in the amount
of \$ 1500.00.

M. B. Bouch
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.



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INTRODUCTION

The REE West 1 - 12 mineral claims, grant # YCO4003 - YCO4014 will be renewed for one year. Magnetic work was done for Canadian United Minerals Inc. by author/pro prospector, Shawn Ryan.

LOCATION

The REE West 1 - 12 mineral claims are located 75 K north-east of Dawson City or three kilometers west of the Dempster Highway around Km mark 82.

ACCESS

Access is by snowmachine during winter months or by foot during summer months. The property can be seen from the Dempster Highway at around the 82 Km mark.

PROPERTY GEOLOGY

The REE West 1 - 12 claims cover an amygdaloidal volcanic basalt unit called the marmot formation. It is a basalt unit that forms in a shallow water basin setting during ordovician time. The claims were staked to cover the RGS high silt geochem in Ni, CR, CO and rare earth coming from this unit.

WORK PERFORMED

A base line grid was put in going in an east-west direction. The line was 2.5 Km long with station put in every 25 M.

WORK METHOD

A base line was established in an east-west orientation. Survey flagging was put in every 25 M starting at 0 and heading east for 500 M and west for 2,000 M to the western edge of the claim block.

A magnetic survey was done using a scintrex - mp 4 proton magnetometer. The correction for the magnetic drift was done by hand using a tie in station on the base line.

INTERPRETATION

Magnetic Survey

The magnetic survey show three small mag highs. One of the mag high is at 75 west. The second at 1925 West and the third at 2525 west.

GEOLOGICAL IMPLICATIONS

The only geological implication we can get is that there is something magnetic moving through the claim block.

RECOMMENDATION

I'm recommending more magnetic work be done to see where these mag high move to. I would start around the most predominant mag high at 1925 West and do a few lines around to see which direction the mag anomaly is moving. Then I would put a grid in to get the best cross section.

MAG DATA/MAP

See appendix

COST

2.5 KM of grid work @ \$250 ea	=	625.00
2.5 KM of magnetic survey @ \$250 ea	=	625.00
Report	=	250.00
Total		<u>1.500.00</u>
		=====

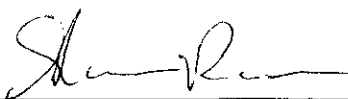
QUALIFICATION

I have been involved in the exploration business for the last 17 years in Canada.

I have conducted soil survey, geophysical survey and have been a geologist assistant in a number of provinces and territories. I have supervised a number of geophysical crews and soil sampling programs in Ontario, Quebec, N.W.T. and Yukon.

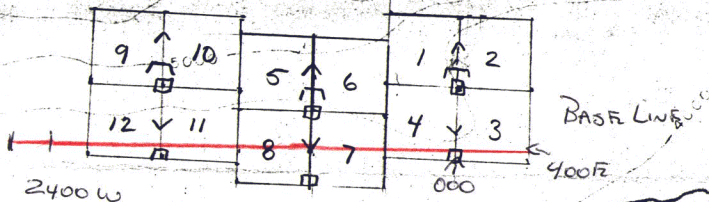
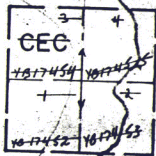
I have been conducting exploration programs in the Yukon for the last five years.

I have a minor interest in the REE West 1 - 12 property and work as a contractor for Canadian United Minerals Inc.


Shawn Ryan Prospector

Dempster Hwy →

REE-WEST
April 05/97



NTS 116 B-9

GRID LOCATION MAP

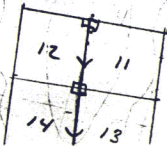
Dawson Mining District

REE-WEST 1-12
yc04003 - yc04014

North ↑

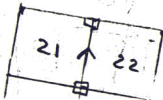
TAK
TAK II
Claims

April 04/97



5500

April 05/97





NT
1:250,000
Map 1264A

30'

15'

CRETACEOUS AND TERTIARY (?)
UPPER CRETACEOUS AND LATER (?)

MONSTER FORMATION 22a brown-weathering, thin-bedded, brown chert-grain sandstone, siltstone, shale, and fine chert-pebble conglomerate

Orange- to brown-weathering diorite and gabbro, altered equivalents, may be older than 20

MESOZOIC

TRIASSIC

Black-weathering, platy, black limy shale and limestone, thin bands of grey- to buff-weathering limestone

PERMIAN

TAKKANDIT FORMATION white, light grey, and dark grey chert, cherty limestone and limestone

CARBONIFEROUS TO PERMIAN

Buff-weathering, dark grey, thin- to medium-bedded limestone, minor black shale, chert, and chert-pebble conglomerate; 14a, dark shale, argillaceous limestone, and thin-bedded brown sandstone, minor chert-pebble conglomerate, 14b, black- and silvery-weathering shale and slate, minor platy buff-weathering grey limestone, impure sandstone

DEVONIAN TO CARBONIFEROUS
MIDDLE DEVONIAN TO CARBONIFEROUS

13 Black shale, argillite, and slate, black platy limestone, chert, minor chert-pebble conglomerate and quartzite. 13a Nation River Formation, brown-weathering fine chert-pebble conglomerate and chert grain sandstone may, in part, be younger Monster Formation (22)

DEVONIAN

LOWER MIDDLE DEVONIAN

11 Limestone, dark grey, brown and black, massive to thin-bedded, very fine grained, buff-grey-weathering

10 Limestone and dolomite, light grey and dark brownish grey, fine to medium grained, mostly alternating dark and light beds 2 to 5 feet thick

SILURIAN (?) TO MIDDLE DEVONIAN

12 Dark grey-weathering, black, thin-bedded, platy limestone, commonly argillaceous and locally siliceous, and interbedded black chert

ORDOVICIAN AND SILURIAN

ROAD RIVER FORMATION mainly interbedded black chert and black argillite, also grey-green, olive-green, and grey chert and grey-green argillite, minor quartzite, and chert-pebble conglomerate

8

Grey- and buff-weathering dolomite and limestone, mostly medium to thick bedded, minor platy black argillaceous limestone and dolomite (may include some 9, 10, and 11), 8a, grey- to dark grey-weathering, dark volcanic rocks many partly serpentinized, brown-weathering grey-green limy tuff and argillite, and thin-bedded brown limestone

ORDOVICIAN AND SILURIAN

ROAD RIVER FORMATION mainly interbedded black chert and black, olive-green, and grey chert and grey-green argillite, minor quartzite, and conglomerate

CAMBRIAN

MIDDLE (?) AND UPPER CAMBRIAN

6 Buff, brown and grey-weathering thin- to medium-bedded limestone and grey-weathering thin- to thick-bedded dolomite, minor brown and green shale and orange-weathering dolomite

LOWER CAMBRIAN TO ORDOVICIAN (?)

7 Grey-weathering, brown to buff limestone and limestone conglomerate, 7a, grey-weathering, medium- to thick-bedded limestone and dolomite (may include some Precambrian)

CAMBRIAN (?)

5 Mainly brick-red, thick-bedded to massive sandstone and red to buff massive conglomerate, minor red shale, local andesitic or basaltic flows and silt

PRECAMBRIAN AND/OR LATER

4 Dark brown- and green- to light grey-weathering dark green volcanic, filled vesicles, breccia, tuff, and agglomerate, minor interbedded shale limestone, 4a, dark brown to dark green-weathering dark green volcanic calcite-filled vesicles, breccia, tuff, and agglomerate, interbedded with 4b, dark green, fine-grained andesite

PRECAMBRIAN AND/OR CAMBRIAN

3 Mainly buff-, brown-, and rusty-weathering gritty quartzite, sandstone conglomerate, black, maroon and green shales, and slates, schistose schist, quartz-mica schist and phyllite, minor limestone and black chert-bedded dark grey limestone

PROTEROZOIC

2 Orange-weathering, platy, grey-green dolomite, dark slate, minor phyllite and quartzite, 2a, pink-orange- and grey-weathering dolomite, grey and maroon shale, white, green and mauve quartzite, minor conglomerate, mottled green and maroon shale and black limestone, 2b, buff and orange dolomite, dark shale, minor quartzite limestone and conglomerate, 2c, massive cherty and quartzose grey dolomite, thin-bedded, buff-weathering, grey dolomite, minor black shale and white quartzite, 2d, buff-weathering dolomite-boulder conglomerate, 2e, dark shale and argillite, buff-weathering, grey siltstone, minor buff- to orange-weathering dolomite

1 Mainly dark grey, grey-green, and black, thin-bedded argillite, slate and phyllite, minor grey quartzite, orange-weathering dolomite and conglomerate, 1a, grey-weathering, thinly laminated, siliceous limestone

PRECAMBRIAN

CRETACEOUS

21a, fine- to coarse-grained, uneven textured, biotite granodiorite and bio
21b mainly hornblende and hornblende/biotite syenite, commonly porphyrocrysts, uneven textured, mostly medium grained, locally fine or coarse

Orange- to brown-weathering diorite and gabbro, altered equivalents, 20

19 Mottled green and maroon shale and brown-weathering, thin-bedded, buff

18 **KENO HILL QUARTZITE** grey and blue-grey massive quartzite, minor siliceous, graphitic, argillaceous quartzite, 18a, thin-bedded and phyllitic quartzite, slate and phyllite, minor limestone and massive quartzite, 18b as 18 but buff

JURASSIC

17 **LOWER SCHIST DIVISION** dark grey argillite, slate and phyllite, commonly grey quartzite, platy to phyllitic quartzite, minor phyllite and limy quartzite

TRIASSIC

Black-weathering, platy, black limy shale and limestone, thin bands of grey- to buff-weathering limestone

PERMIAN

Limestone with some chert

MAGNETIC SURVEY
REE WEST

STATION	READING	TIME	DRIFT	CORRECTED
400 E	57 763	5.47		57 763
75	768		+ 1	769
50	839			840
25	807			808
300 E	788			789
75	799			800
50	789		+ 2	791
25	787			789
200 E	765			767
75	736			738
50	772			794
25	773	5.51		795
100 E	769		+ 3	772
75	735			738
50	724			727
25	766			769
000	789			792
25	805			808
50	979			982
75	913		+ 4	917
100 W	894			898
25	909			913
50	847			851
75	793	5.55		797
200 W	758			762
25	756			760
50	759		+ 5	764
75	739			744
300 W	751			756

MAGNETIC SURVEY
 REE WEST
 BASE - LINE

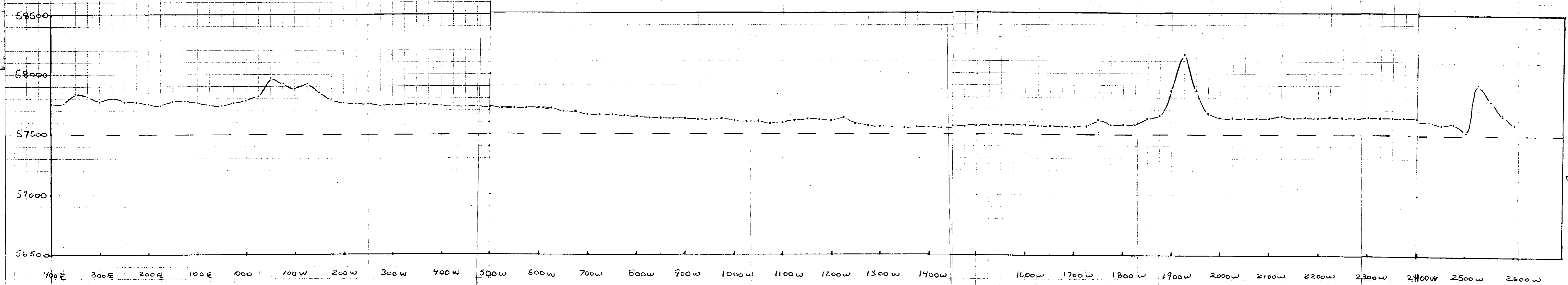
STATION	READING	TIME	DRIFT	CORRECTION
325	57746		+ 5	57751
50	754			759
75	754			759
400 w	743			748
25	723			728
50	727			732
75	721	5:59	+ 6	727
500 w	712			721
25	712			712
50	711			711
75	708			708
600 w	704			710
25	698		+ 7	705
50	691			698
75	688			695
700 w	671			678
25	660			667
50	655			662
75	651	6:03		658
800 w	640		+ 8	654
25	636			644
50	626			634
75	618			626
900 w	621			629
25	600			608
50	596		+ 9	605
75	611			620
1000 w	594			603

MAGNETIC SURVEY
 REF WEST
 BASE - LINE

STATION	READING	TIME	DRIFT	CORRECTED
1025 W	57591			57600
50	594			603
75	586	6.07	+ 10	596
1100 W	588			598
25	592			602
50	602			612
75	597			607
1200 W	592		+ 11	603
25	611			622
50	585			596
75	577			588
1300 W	574			585
25	564			575
50	566		+ 12	578
75	568	6.12		580
1400 W	571			583
25	568			580
50	566			578
75	558		+ 13	571
1500 W	562			575
25	557			570
50	568			581
75	570		+ 14	584
1600 W	571			585
25	566			580
50	563			577
75	562	6.16		576
1700 W	57548		+ 15	563

MAGNETIC SURVEY
 REF. WEST
 BASE - LINE

STATION	READING	TIME	Drift	CONNECTED
1725 w	57546		+ 15	57561
50	588			603
75	556			571
1800 w	566			581
25	568			583
50	609			624
75	642			657
1900 w	57 849			57 864
25	58 136		+ 16	58 152
50	57 877			57 853
75	670	6 20		686
2000 w	655			641
25	625			641
50	617			633
75	618			634
2100 w	616			632
25	636		+ 17	653
50	617			634
75	628			645
2200 w	619			636
25	626			643
50	618			635
75	619	6 24		636
2300 w	612		+ 18	630
25	612			630
50	609			627
75	608			626
2400 w	597			615



Magnetic Survey

North ↑

Scale 1-500m →

093930 D09①

CANADIAN UNITED Minerals Inc

REE S-W.

BASE - LINE

WORK DONE MARCH 1958