

PROSPECTING / GEOPHYSICAL SURVEY

REE N - W 1 - 12

GRANT # *YCo 3901 - 4002*

64,38° NORTH

138,27° WEST

NTS 116 B - 9

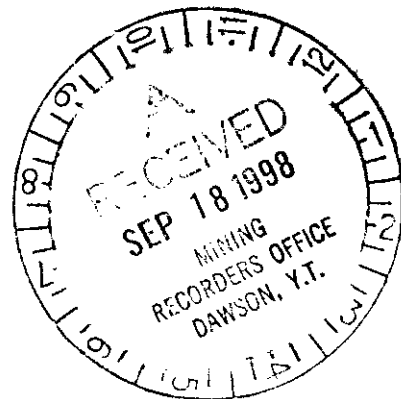
FOR CANADIAN UNITED MINERALS INC.
DAWSON MINING DISTRICT

AUTHOR Shawn Ryan

Work performed March 19 - 21, 1998

Date of Report September 15, 1998

093 932



This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 1500.00.

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

TABLE OF CONTENTS

Introduction Page 1

Location Page 1

Access Page 1

Work Performed Page 1

Property Geology Page 1

Work Method Page 2

Interpretation Page 2

Conclusion Page 2

Recommendation Page 2

Cost Page 3

Qualifications Page 3

~~Assay Results~~ See appendix

Rock Sample Location See appendix

Mag/Data/Map See appendix

Claim Map/Location See appendix

INTRODUCTION

The REE N - W 1 - 12 mineral claims, grant # YCO3901 - 4002 will be renewed for two years. Work was performed for Canadian United Minerals by author and prospector, Shawn Ryan with assistance by Joel White, prospector.

LOCATION

The REE N - W 1 - 12 mineral claims are located 75 Km north-east of Dawson City or 3 Km west of the Dempster Highway at Kilometre 85.

ACCESS

Access is by snowmachine during winter months or by foot during summer months. There is a foot path that starts by Jensen's outfitting camp location on the Dempster Highway at around the 85 Km mark.

PROPERTY GEOLOGY

The REE N - W 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

The REE N - W 1 - 12 had a base line grid of 1.9 Km put in with the small cross line, 250 M and 750 M respectfully put across.

A magnet survey was done by author, Shawn Ryan.

Two days were spent prospecting; one by Joel White and second by both of us, Shawn and Joel

WORK METHOD

The base line was run in an east-west direction with station put in every 25 M. Two cross lines were put in one at station 500 M east and a second line at 600 M east.

The magnetic survey was run with a scintrex Mp - 4 proton magnetometer. The correction for magnetic drift was done by hand using tie in station.

Prospecting was done by Joel White and myself. Joel prospected for one day, opening up trails and outlining any interesting finds and both of us spent a day looking at interesting quartz vein running through the volcanic unit on REE N - W #4.

INTERPRETATION

Magnetic Survey

The magnetic survey showed very little response on all three lines surveyed.

Prospecting

Prospecting on the claim block was a little difficult due to heavy snow cover. We did manage to find some nice quartz crystal veining action in the marmot formation volcanics along the north boundary of claim # ~~4~~ 5. No mineralization was found around veins or any place on the property.

CONCLUSION

The property needs more work to come to any conclusion.

RECOMMENDATION

I'm recommending a soil sample program on hill side above valley bottom. I would also recommend more magnetic work done. I would put a fill in grid off the existing base line.

MAG DATA/MAP

See appendix

COST

REE N - W / Two Years Assessment

2.9 KM of grid work @ \$250 ea	=	750.00
2.9 KM of magnetic survey @ \$250 ea	=	750.00
3 days of prospecting @ \$250 ea	=	750.00
Report	=	250.00
Sub-Total		<u>2,500.00</u>
25% assessment value	=	500.00
Transportation truck 2 days =	\$200.00	
(1 prospector) snowmachine 1 day	\$100.00	
(2 prospectors) 2 days	<u>\$200.00</u>	
Total	\$500.00	
	=====	
TOTAL	\$	<u>3,000.00</u>

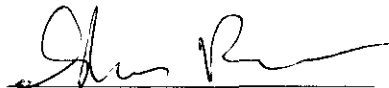
QUALIFICATION

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

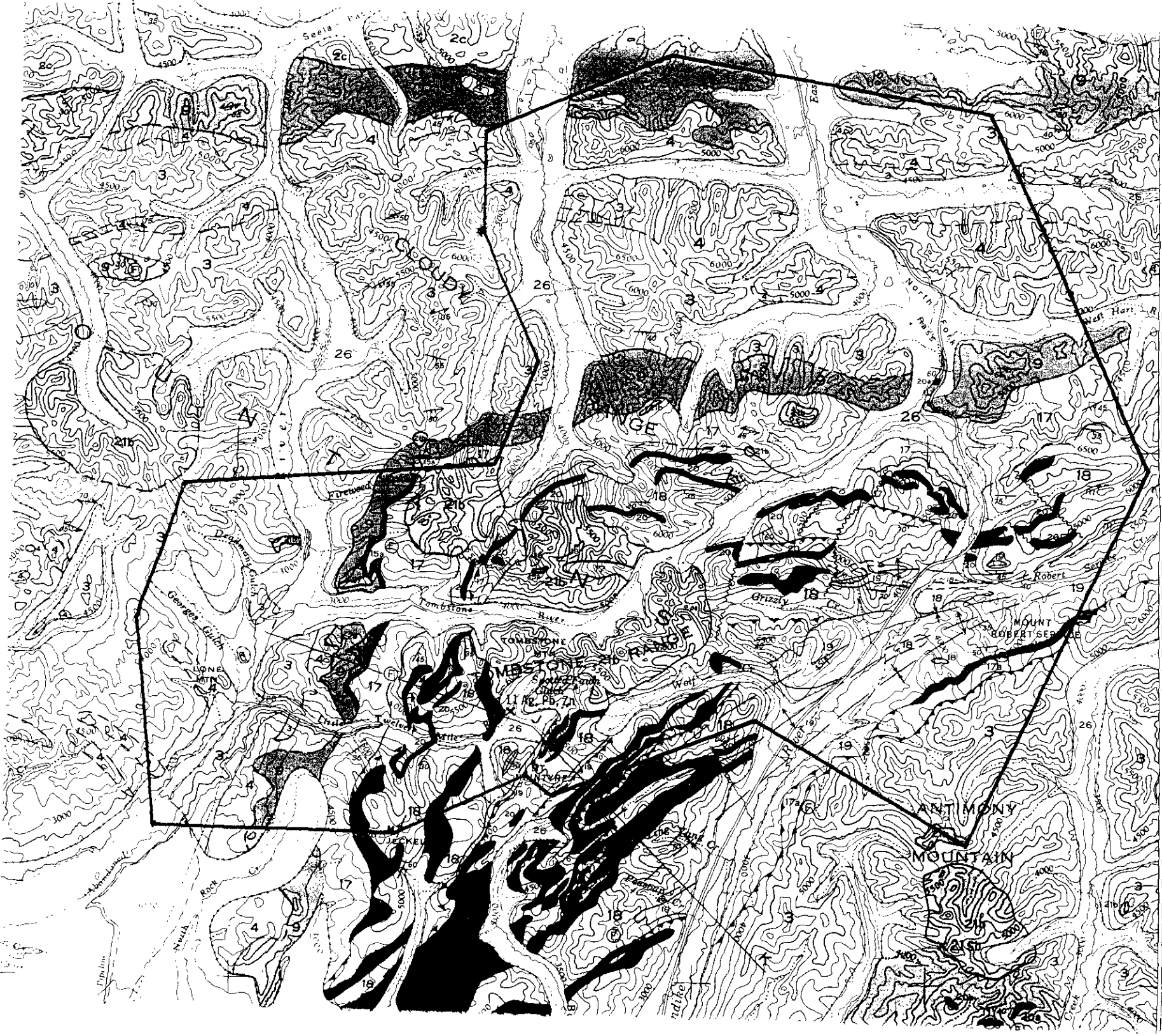
I have conducted soil survey, geophysical survey and have been a geologist assistant in a number of provinces and territories. I have supervised a number of geophysical crews and soil sampling programs in Ontario, Quebec, N.W.T. and Yukon.

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

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



Shawn Ryan Prospector



NT
1:250,000
Map 1284A

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

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

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

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

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 sills

PROTEROZOIC
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 argillites, slate and phyllite, minor grey quartzite, orange-weathering dolomite, and conglomerate; 1a, grey-weathering, thinly laminated silicified limestone

CRETACEOUS

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

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

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

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

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 gr
buff-weathering limestone

PERMIAN
Limestone with some chert

SILURIAN (?) TO MIDDLE DEVONIAN
12 Dark grey-weathering, black, thin-
bedded, platy limestone, commonly
argillaceous and locally siliceous,
and interbedded black chert

LOWER CAMBRIAN TO ORDOVICIAN (?)
7 Grey-weathering, brown to buff lime-
stone and limestone conglomerate,
7a, grey-weathering, medium- to
thick-bedded limestone and dolomite
(may include some Precambrian)

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

PRECAMBRIAN AND/OR LATER
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 che
bedded, dark grey limestone

MESOZOIC

PALEOZOIC

PRECAMBRIAN

NTS 116 B-9

Dawson Mining District

REE N.W. 1-12

YCO3991-YCO4002

BLACKSTONE

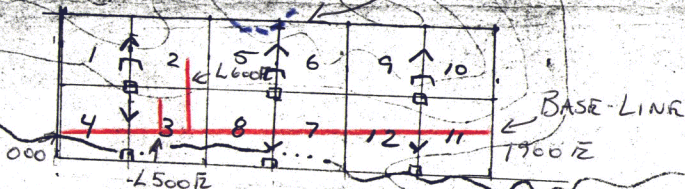
JENSEN
COML.
0002

North ↑

REE N.W. Quartz vein
Location

April 6/97

5000



GRIO LOCATION

Dempster Hwy

YT6 BH
RES 11603

5500

BEST ATTAINABLE
IMAGE

15

MAGNETIC Survey
RER N-W

BASE - LINE

STATION	READING	TIME	DRIFT	CORRECTED
1900 E	57596	2:58	0	57596
75	609			609
50	585			585
25	589			589
1800 E	575			575
75	569			569
50	588			588
25	588			588
1700 E	586	3:02		586
75	587		-1	586
50	614			613
25	585			584
1600 E	596	1:04		595
75	586			585
50	584			583
25	582			581
1500 E	580		-2	578
75	588			586
50	596			594
25	594			592
1400 E	587	1:08		585
75	569			567
50	573		-3	570
25	576			573
1300 E	552			549
75	556			553
50	560			557
25	569			566
1200 E	569	3:11		57 566

MAGNETIC SURVEY
 REF N-W

BASE - LINE

STATION	READING	TIME	DRIFT	CONNECTED
1175 E	57577	-	- 4	57573
50	578			574
25	567			563
1100 E	572			568
75	566			562
50	573			569
25	573			569
1000 E	565	3:14		561
75	567		- 5	562
50	559			554
25	555			550
900 E	556			551
75	548			543
50	555			550
25	556			551
800 E	561		- 6	555
75	561			555
50	560			554
25	562			556
700 E	561	3:18		555
75	555			549
50	569			563
25	559		- 7	552
600 E	552			545
75	550			543
50	553			546
25	543			536
500 E	544	3:21		537

MAGNETIC SURVEY
REE N-W

BASE - LINK

STATION	READING	TIME	DRIFT	CONNECTED
475 E	57555		- 8	57547
50	553			545
25	552			544
400 E	544	3:23		536
75	516			508
50	537			529
25	550		- 9	541
300 E	543			534
75	544			535
50	553			544
25	556			547
200 E	557			548
75	549			540
50	553		- 10	543
25	550	3:27		540
100 E	547			537
75	559			549
50	554			544
25	561			551
000	554		- 11	57 544
BASE STATION	57629	2.98		
	57644	3.47	- 15	57629

MAGNETIC Survey
 REF N-W
 LINE 500E

STATION	READING	TIME	DRIFT	CORRECTED
000	57563	4:56	0	57563
25	566			566
50	630		+1	631
75	586			587
100 N	580			581
25	558		+2	560
50	555			557
75	607			609
200 N	589		+3	592
25	621			624
250 N	629		+4	57633
T1 IN				
000	57559	5:05		

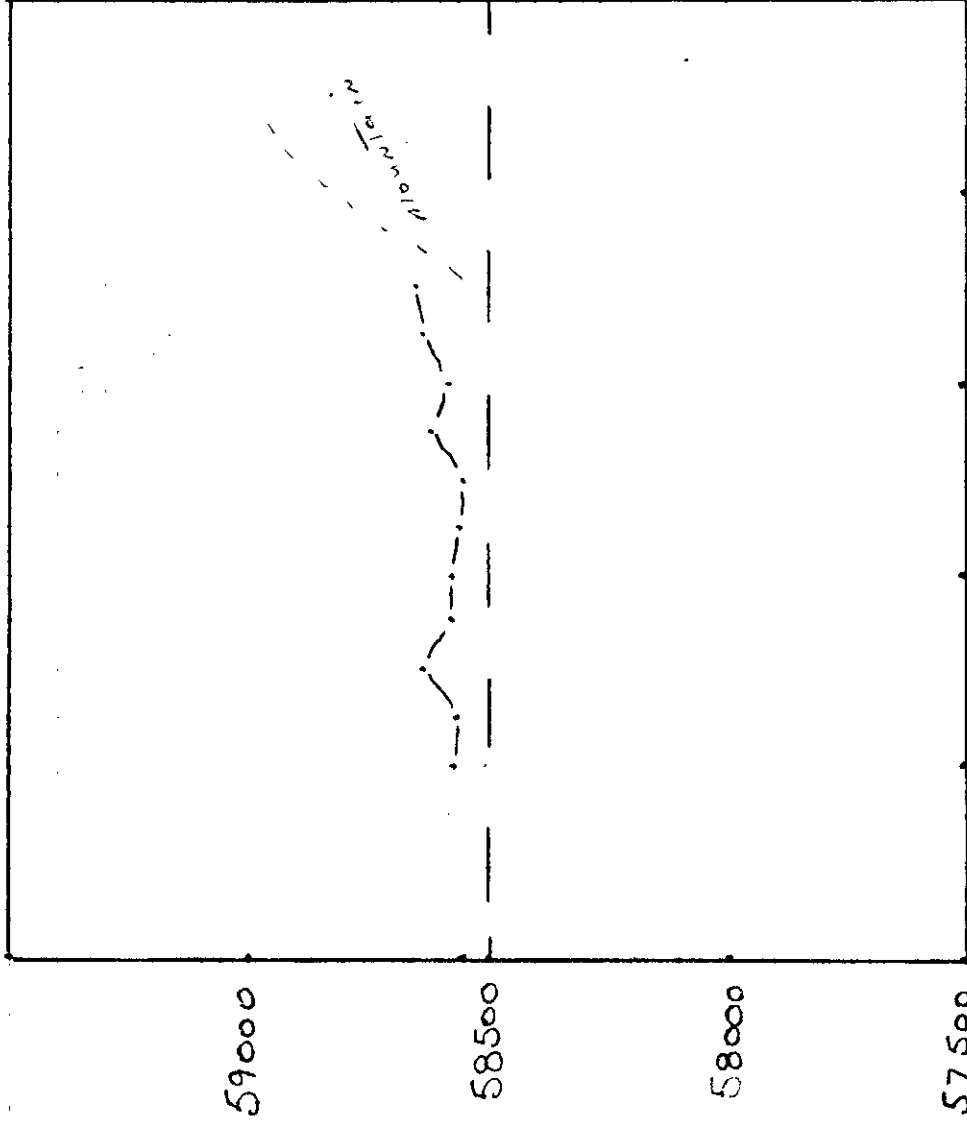
Magnetic Survey
 RRE - N-W
 Line 600 E

STATION	READING	TIME	DRIFT	CORRECTION
000	57 560	6:58	+2	57 562 *
000	57 562	6:09	0	57 562
25	575			575
50	578			578
75	564			564
100 N	582			582
25	599			599
50	591			591
75	596			596
200 N	613			613
25	601	1:16		601
50	586		+1	587
75	609			610
300 N	604			605
25	602			603
50	604			605
75	607			608
400 N	608			609
25	618			619
50	610			611
75	622			623
500 N	597	1:35		598
25	609			610
50	599		+2	601
75	616			618
600 N	573			575
25	649			651
50	595			597
75	655			657
700 N	583			585
25	538			540
750 N	557	1:52		57 559

Magnetic Survey

NORTH →

Scale 1-500m



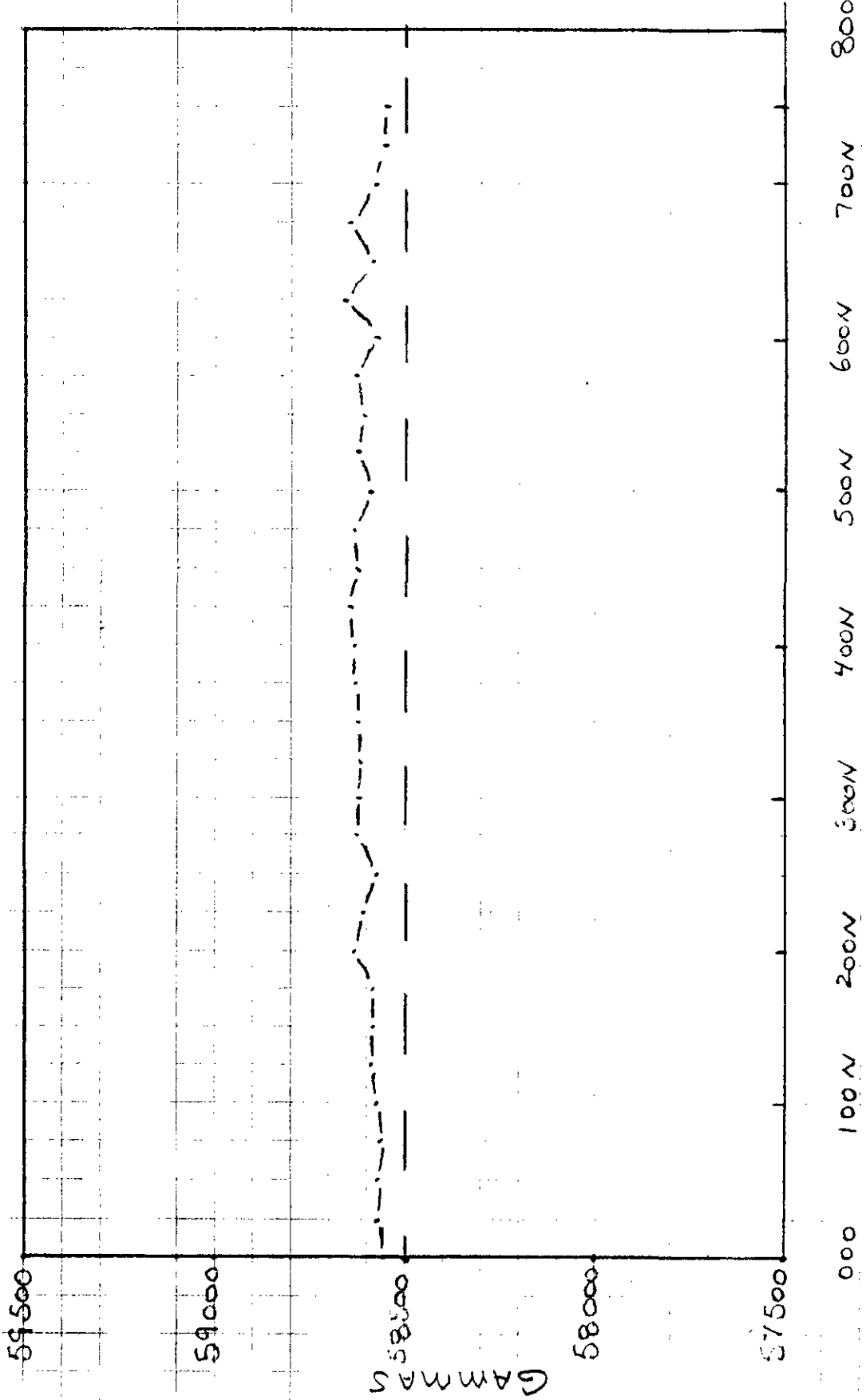
CANADIAN UNITED MINERALS INC

REE - N.W. CLAIMS

LINE 500 E

WORK DONE MARCH 98

MAGNETIC SWANBY

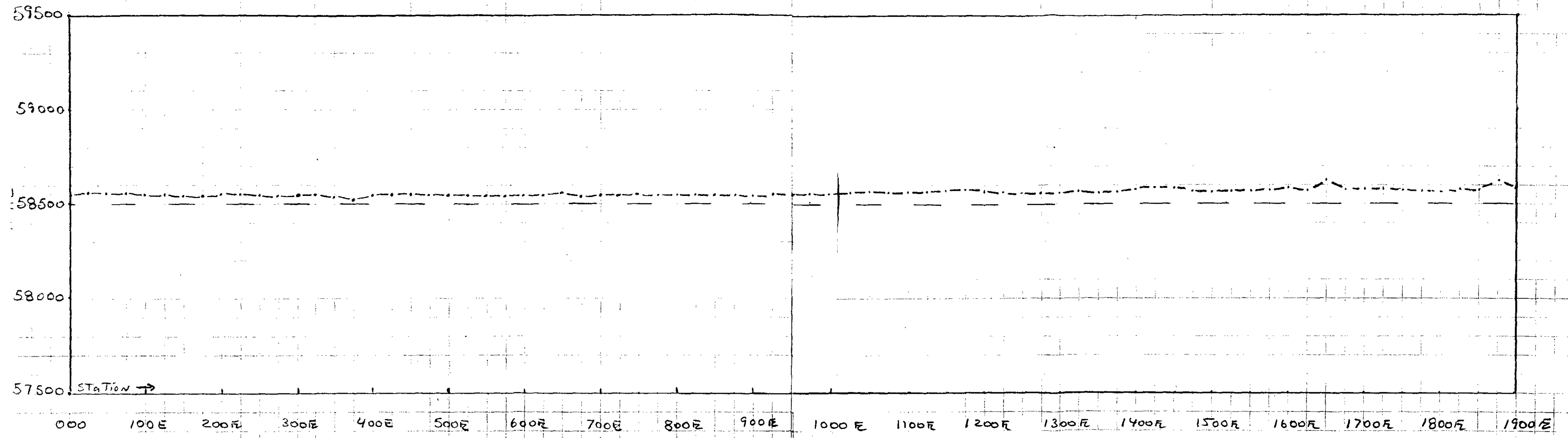


North →

SCALE 1—500M—1

CANADIAN UNITED MINERALS INC
REFE N-W CLAIMS
LINE 600 EAST
WORK DONE MARCH 1978

MAGNETIC Survey
REF N-W
BASE-LINE



SCALE 1-500m-1

NORTH ↑

DIAND - YUKON REGION LIBRARY CANADIAN UNITED MINERAL INC.

093933 DWG ① REF N-W
BASE-LINE
WORK DONE MARCH 98