

Fenway Resources Ltd.
on the

Sue Claim Group

Cariboo Mining Division
N.T.S. 93A/7W

January 18, 1989 Vancouver, B.C.

Sookochoff Consultants Inc. Laurence Sookochoff, P.Eng.

GEOLOGICALBRANCH ASSESSMENTREPORT

TABLE OF CONTENTS
Introduction
Summary
Fig. 1. Location Map.
Property
Location and access
Physiography
Fig.2. Claim Map
Water and Power
History
Geology and Mineralization
Fig. 3. Geology Map
Electromagnetic Survey
Conclusion
Recommendations
Certificate
Statement of Costs
Bibliography
Appendix I. VF -EM data.

# Geophysical Assessment Report 

for
Fenway Resources Ltd.
on the
Sue Claim Group

## INTRODUCTION

In September and October 1988 an electromagnetic (EM) survey was completed on the sue claim group for the purpose of locating potential mineral bearing structures or zones that may host gold values similar to the mineralization which occurs in the area including the area of the Eureka joint venture property 20 kilometers to the southeast.

The information for this report was obtained from sources as cited under Bibliography and from data supplied the writer by Newcastle Explorations.

## SUMMARY

The Sue claim group of Fenway Resources is located 20 kilometers northwest of the Eureka Cariboo property where diamond drilling reportedly delineated a significant gold bearing zone grading 0.04 to $0.05 \mathrm{oz} \mathrm{Au/ton}$.

The mineralization on the Eureka property occurs within a black phyllite unit of Upper Triassic age. The mineralization is reportedly restricted to an iron carbonate rich facies and/or knotted phyllite with gold occurring within phylite and within quartz sweats enclosed by the phyllite.

Soil geochemistry has been successful in tracing the gold bearing phyllite unit with a coincidence of gold values haloed by anomalous silver, lead and zinc values.


The knotted phyllite extends for up to three km and occurs along the eastern limit of the Crooked Lake Syncline within one km of the northwesterly trending Triassic-Paleozoic-Proterozoic contact.

The Fenway-Sue Claim Group is underlain by greenstones with inclusive phyllitic units. A VLF-EM survey completed in 1988 indicates east-northeast trending anomalies which could indicate mineral controlling cross structures.

## PROPERTY

The property consists of three contiguously located mineral claims of 20 units each. Particulars are as follows:

Claim Name Record No. Expiry Date*

| Sue 6 | 7994 | October 3, 1989 |
| :--- | :--- | :--- |
| Sue 7 | 7995 | October 3, 1989 |
| Sue 8 | 7996 | October 3, |

* Upon the approval of one years assessment work applied October 3, 1988 for which this report forms a part thereof.

Any legal aspects pertaining to the claims are beyond the scope of this report.

## LOCATION AND ACCESS

The Sue claim group is located 95 kilometers northeast of Williams Lake, B.C. between Quesnel Lake to the north and Horsefly Lake to the south. Access to the property is via the Hen Ingram Lake forestry road branching to the east from a road extending to the north of Horsefly. Horsefly is 60 kilometers northeast of williams Lake.

## PHYSIOGRAPHY

The topography of the Fenway property is of relatively gentle slopes with a relief of 200 meters from 825 masl in the north and southeast.


## WATER AND POWER

Sufficient water for all phases of the exploration and development program would be available any of the three lakes partially covered by the claim group: Hen Ingram Lake centrally, Quesnel Lake in the north and Horsefly Lake in the south. Many water courses also occur on the property.

## HISTORY

The Cariboo of British Columbia, initiated by the Lightning Creek discoveries near Barkerville in the l860's, was a major placer gold producing area. With the subsidence of activity in the Barkerville area the general region was prospected for placer gold with many other placer areas discovered and worked for placer gold. One of these discoveries was the the gravels of the Horsefly River from which a recorded 15,216 ounces of gold was recovered to 1945.

In 1961 the emphasis of mineral exploration in the general area was shifted to base metals and especially porphyry copper. In 1981 gold was again explored for in the area as a result of the increase in the price of gold and the anomalous arsenic zones delineated in the area from a Provincial Government program. The area covered by the sue claim group was staked in the early 1980's as a result of the government survey.

The Sue claim ground included an area that was mapped and prospected in 1966. In 1967 exploration on the ground included geological mapping, an IP survey, geophysical and geochemical surveys and a three hole diamond drill program completed by Magnum Consolidated Mining Co. Ltd. The drill holes were located within one kilometer east of the eastern boundary of the Sue claim group.

In 1981 the Suey claims were staked over ground presently covered by the sue claims and a geochemical survey was completed which covered the northeastern portion of the eastern Sue claim (Sue 6).

## GEOLOGY AND MINERALIZATION

The general geology is of the claim block covers the western margin of the Quesnel Belt which is underlain by a sequence of volcanic and sedimentary rocks of upper Triassic to Lower Jurassic age with Upper Triassic alkaline, augite porphyry basalt and andesite predominating. The Upper Triassic rocks are intruded by plugs, stock, and batholiths which are known to host alkaline-type, porphyry copper/gold deposits.

The Eureka property to the southeast is located along the north limb of the major northwest trending overturned "crooked Lake" syncline with the axis parallelling the Mackay River. The predominating unit on the property is a dark grey to black, lustrous phyllite.

The phyllite displays a steeply-dipping penetrative crenulation foliation which is axial planar to small-scale, gently plunging, isoclinal folds. The unit, characteristically, contains abundant ( $2 \%-3 \%$ ) translucent to milky white, limonite-stained quartz lenses, pods and irregular veins".

The Sue claim group is indicated to cover Triassic basaltic tuff and breccia which is generally fine grained in addition to argillite and chert near the eastern boundary of the Quesnel Trough belt of rocks. Four kilometers east and proximal to the eastern boundary, upper Triassic black phyllite, quartzite, schist and minor greenstone predominate. At the eastern limit of the frough , amphibolite of the Slide Mountain group is in contact with Archean rocks.

At the Eureka property, located on the eastern contact of the Quesnel Trough and covering the Triassic group of sediments and volcanics, mineralization is predominantly of gold and silver values in a black phyllite unit. The gold occurs within both phyllite and quartz sweats along the strike of an extensive area of highly anomalous gold in soil. The mineralized phyllites are reported to contain no visible sulphides and are indistinguishable from unmineralized phyllite. Diamond drilling on the zone has reportedly delineated a mineralized zone of gold bearing 0.04-0.05 oz Au/ton.

From former exploration work completed proximal and to the east of the sue claim group, mineralization reported in a trench near the diamond drill holes consists of chalcopyrite, pyrite, pyrrhotite, malachite and azurite in association with the volcanic rocks. Intrusive rocks were also reported in the drill core.

There is no known mineralization on the Sue claim group.


## ELECTROMAGNETIC SURVEY

A Sabre model 27 VLF-EM receiver instrument manufactured by Sabre Electronics of vancouver was used for the survey. The transmission station utilized was seattle broadcasting at a frequency of 24.8 KHz .

The VLF-EM receiver measures the amount of distortion produced in a primary transmitted magnetic field and a secondary magnetic field which may be induced by a conductive mass such as a sulphide body. The VLF-EM unit - due to its relatively high frequency - can detect low conductive zones such as fault or shear zones, carbonized sediments or lithological contacts.

The major disadvantage of the VLF method, however is that the high frequency results in a multitude of anomalies from unwanted sources such as swamp edges, creek and topographical highs.

An east-west base line was established as a control for the survey with north-south grid lines at 200 meter intervals. VLF-EM readings were taken at 25 meter intervals along the grid lines. A total of 31.5 line kilometers of survey was completed.

The survey results were Fraser Filtered, plotted accordingly and profiled as shown on Figure 4. The interpretation of the profiled results indicates that a northeasterly trending anomaly occurs along the northern portion of the survey area. The anomaly is at a maximum from $16+00 \mathrm{E}, 16+50 \mathrm{~N}$ to $26+00 \mathrm{E}$, $22+00 \mathrm{~N}$. A parallel lower order anomaly occurs 100 meters south. Some parallel anomalous trends of variable intensity occur within the southern portion of the survey area; the more obvious at line $26+00 \mathrm{E} 11+50 \mathrm{~N}$.

Due to the relatively wide spacing of the north-south grid lines, there is a biasness in the interpretation of the trend of anomalies. The trend thus appears east-northeasterly, however with additional fill-in information, the trend could appear in a different direction. In addition, other exploratory information would aid in the interpretation of the VLF-EM survey results.

## CONCLUSIONS

The Sue claim group is located in a geologically favorable environment for the potential location of Eureka type mineral occurrences. The Fenway property contains similar geology to the Eureka 20 kilometers southeast where mineral zones are indicated to be associated with a phyllitic horizon and possibly structurally controlled.

As the known trend of the volcanic and sedimentary horizons is northwesterly, the VLF-EM survey indicated potential cross structures which could provide localization zones for potential mineralization.

Therefore the potential in the location of economic mineral bearing zones on the Sue property is in primarily determining the location of favorable mineral hosting horizons and structures that could provide the localization to mineralizat

## RECOMMENDEDATIONS

Additional exploration, such as geochemical and geological surveys should be completed over the claim group to delineate areas for examination.


Laurence Sookochoff, P.Eng.

January 18, 1989
Vancouver, B.C.

## CERTIFICATE

I, Laurence Sookochoff, of the city of Vancouver, in the Province of British Columbia, do hereby certify:

That $I$ am a Consulting Geologist with offices at 609-837 West Hastings St., Vancouver, B.C. V6C 1B6

I further certify that:

1. I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology.
2. I have been practising my profession for the past twenty-three years.
3. I am registered with the Association of Professional Engineers of British Columbia.
4. Information for the accompanying report was obtained from sources cited under Selected References and from information supplied to the writer by Newcastle Explorations - the contractor for the VLF-EM survey.
5. I have no direct, indirect nor contingent interest in the property described herein, or in the securities of Fenway Resources Ltd. nor do I expect to receive any.


January 18, 1989
Vancouver, B.C.

## Fenway Resources Ltd. <br> Sue Claim Group <br> Statement of Costs

The field work on the sue claim group was carried out from September 1, 1988 to October 2, 1988 to the value as follows Electromagnetic (VLF-EM) Survey and Line cutting

Newcastle Explorations Ltd. : Contract $\$ 8,000.00$

## BIBLIOGRAPHY

BELIK, GARY D. - Summary Report on the Mackay and Alpha Claims for Eureka Resources Ltd. December 10, 1972.

CAMPBELL, R.B. - Geology of the Quesnel Lake Map Area, B.C. G.S.C. Open File 574.

DAUGHTRY, K.L. - Report on the Kusk \# 1-11 Mineral Claims, McKusky Creek Area, for Roddy Resources Inc and Nirvana Oil and Gas Ltd. January 6, 1983,

DeLEEN, J. - Report on the Suey Claim Group of Tenquille Resources Led., November 22, 1982

George Cross Newsletter, December 23, 1983.

```
APPENDIX I VLF-EM RAW DATA
```

FENWAY
VLF-EM SURVEY RAW DATA SOUTH GRID


## FENWAY

VLF-EM SURVEY RAW DATA SOUTH GRID

| 4000 E | 2025 N | $-10$ |  |
| :---: | :---: | :---: | :---: |
| 4000 E | 2050 N | -18 |  |
| 4000 E | 2075 N | -10 |  |
| 4000 E | 2100 N | -12 |  |
| 4000 E | 2125 N | -15 |  |
| 4000 E | 2150 N | 3 |  |
| 4000 E | 2175 N | $-6$ |  |
| 4000 E | 2200 N | -2 |  |
| 4000 E | 2225 N | -2 |  |
| 4000 E | 2250 N | $-10$ |  |
| 4000 E | 2275 N | 0 |  |
| 4000 E | 2300 N | 0 |  |
| 4000 E | 2325 N | -6 |  |
| 4000 E | 2350 N | -9 |  |
| 4000 E | 2375 N | -10 |  |
| 4000 E | 2400 N | -11 |  |
| 4000 E | 2425 N | -5 |  |
| 4000 E | 2450 N | 1 |  |
| 4000 E | 2475 N | 3 |  |
| 4000 E | 2500 N | 0 |  |
| 3800 E | 650 N | -3 |  |
| 3800 E | 675 N | -4 |  |
| 3800 E | 700 N | -7 |  |
| 3800 E | 725 N | -5 |  |
| 3800 E | 750 N | -6 |  |
| 3800 E | 775 N | -7 |  |
| 3800 E | 800 N | -5 |  |
| 3800 E | 825 N | -3 |  |
| 3800 E | 850 N | 0 |  |
| 3800 E | 875 N | 0 |  |
| 3800 E | 900 N | 2 |  |
| 3800 E | 925 N | 2 |  |
| 3800 E | 950 N | 0 |  |
| 3800 E | 975 N | -2 |  |
| 3800 E | 1000 N | 0 |  |
| 3800 E | 1025 N | -4 | - |
| 3800 E | 1050 N | -7 | , : |
| 3800 E | 1075 N | -8 |  |
| 3800 E | 1100 N | -6 |  |
| 3800 E | 1125 N | -7 |  |
| 3800 E | 1150 N | -5 |  |
| 3800 E | 1175 N | -6 |  |
| 3800 E | 1200 N | -2 |  |
| 3800 E | 1225 N | -8 |  |
| 3800 E | 1250 N | -8 | , |
| 3800 E | 2275 N | -10 |  |
| 3800 E | 1300 N | -8 |  |
| 3800 E | 1325 N | -9 |  |
| 3800 E | 1350 N | -7 |  |
| 3800 E | 1425 N | 0 |  |
| 3800 E | 1450 N | -5 |  |
| 3800 E | 1475 N | -5 |  |
| 3800 E | 1525 N | -6 |  |
| 3800 E | 1550 N | -5 |  |

FENWAY
VLF-EM SURVEY RAW DATA SOUTH GRID
$\left.\begin{array}{rrrr}3600 & \mathrm{E} & 950 \mathrm{~N} & -17 \\ 3600 & \mathrm{E} & 975 \mathrm{~N} & -13 \\ 3600 & \mathrm{E} & 1000 & \mathrm{~N}\end{array}\right)-6$

FENWAY
VLF-EM SURVEY RAW DATA SOUTH GRID

| 3600 | E | 2325 | N | -5 |
| :---: | :---: | :---: | :---: | :---: |
| 3600 | E | 2350 | N | -6 |
| 3400 | E | 500 | N | -6 |
| 3400 | E | 525 | N | -9 |
| 3400 | E | 550 | N | -4 |
| 3400 | E | 575 | N | -7 |
| 3400 | E | 600 | N | -8 |
| 3400 | E | 625 | N | -6 |
| 3400 | E | 650 | N | -8 |
| 3400 | E | 675 | N | -8 |
| 3400 | E | 700 | N | -9 |
| 3400 | E | 725 | N | -9 |
| 3400 | E | 750 | N | -9 |
| 3400 | E | 775 | N | -6 |
| 3400 | E | 800 | N | -7 |
| 3400 | E | 825 | N | -10 |
| 3400 | E | 850 | N | $\rightarrow 7$ |
| 3400 | E | 875 | N | -11 |
| 3400 | E | 900 | N | -4 |
| 3400 | E | 925 | N | -6 |
| 3400 | E | 950 | N | -10 |
| 3400 | E | 975 | N | -8 |
| 3400 | E | 1000 | N | -11 |
| 3400 | E | 1025 | N | -12 |
| 3400 | E | 1050 | N | -10 |
| 3400 | E | 1075 | N | -13 |
| 3400 | E | 1100 | N | $-10$ |
| 3400 | E | 1125 | N | -11 |
| 3400 | E | 1150 | N | -10 |
| 3400 | E | 1175 | N | -4 |
| 3400 | E | 1200 | N | -6 |
| 3400 | E | 1225 | N | -8 |
| 3400 | E | 1250 | N | -11 |
| 3400 | $E$ | 1275 | N | -7 |
| 3400 | E | 1300 | N | -9 |
| 3400 | E | 1325 | N | -6 |
| 3400 | E | 1350 | N | -7 |
| 3400 | $E$ | 1375 | N | -8 |
| 3400 | E | 1400 | N | -9 |
| 3400 | E | 1425 | N | -11 |
| 3400 | E | 1450 | N | -10 |
| 3400 | $E$ | 1475 | N | -8 |
| 3400 | E | 1525 | N | -7 |
| 3400 | E | 1550 | N | -9 |
| 3400 | E | 1575 | N | -8 |
| 3400 | E | 1600 | N | -8 |
| 3400 | E | 1625 | N | -7 |
| 3400 | E | 1650 | N | -6 |
| 3400 | E | 1675 | N | -9 |
| 3400 | E | 1700 | N | -11 |
| 3400 | $E$ | 1725 | N | -8 |
| 3400 | E | 1750 | N | -9 |
| 3400 E | E | 1775 | N | -9 |
| 3400 E | E | 1800 | N | -12 |





FENWAY
VLF-EM SURVEY RAW DATA SOUTH GRID

| 3000 | E | 1650 | N |
| :--- | ---: | ---: | ---: |$\quad-14$

FENWAY
VLF-EM SURVEY RAW DATA
SOUTH GRID

| 2800 | E | 1100 | N | -8 |
| :---: | :---: | :---: | :---: | :---: |
| 2800 | E | 1125 | N | -7 |
| 2800 | E | 1150 | N | -8 |
| 2800 | E | 1175 | N | -9 |
| 2800 | E | 1200 | N | -8 |
| 2800 | E | 1225 | N | -8 |
| 2800 | $E$ | 1250 | N | -7 |
| 2800 | E | 1275 | N | $-10$ |
| 2800 | E | 1300 | N | -7 |
| 2800 | E | 1325 | N | -8 |
| 2800 | E | 1350 | N | -12 |
| 2800 | E | 1375 | N | -12 |
| 2800 | E | 1400 | N | -11 |
| 2800 | E | 1425 | N | -8 |
| 2800 | E | 1450 | N | -8 |
| 2800 | E | 1475 | N | -10 |
| 2800 | E | 1525 | N | -5 |
| 2800 | E | 1550 | N | -6 |
| 2800 | E | 1575 | N | -7 |
| 2800 | $E$ | 1600 | N | -8 |
| 2800 | E | 1625 | N | -6 |
| 2800 | E | 1650 | N | -6 |
| 2800 | $E$ | 1675 | N | -10 |
| 2800 | E | 1700 | N | -9 |
| 2800 | E | 1725 | N | -6 |
| 2800 | $E$ | 1750 | N | -2 |
| 2800 | E | 1775 | N | 0 |
| 2800 | E | 1800 | N | -4 |
| 2800 | E | 1825 | N | 0 |
| 2800 | E | 1850 | N | -1 |
| 2800 | $E$ | 1875 | N | -2 |
| 2800 | E | 1900 | N | -4 |
| 2800 | E | 1925 | N | 0 |
| 2800 | $E$ | 1950 | N | 3 |
| 2800 | E | 1975 | N | 6 |
| 2800 | E | 2000 | N | 4 |
| 2800 | E | 2025 | N | 1 |
| 2800 | $E$ | 2050 | N | -2 |
| 2800 | E | 2075 | N | 1 |
| 2800 | E | 2100 | N | 0 |
| 2800 | $E$ | 2125 | N | -4 |
| 2800 | E | 2150 | N | -3 |
| 2800 | E | 2175 | N | -9 |
| 2800 | $E$ | 2200 | N | -10 |
| 2800 | E | 2225 | N | -7 |
| 2800 E | E | 2250 | N | -6 |
| 2800 | E | 2275 | N | -7 |
| 2800 | E | 2300 | N | -8 |
| 2800 E | E | 2325 | N | -7 |
| 2800 | E | 2350 | N | -6 |
| 2800 E | E | 2375 | N | -6 |
| 2800 E | $E$ | 2400 | N | -4 |
| 2800 E | E | 2425 | N | -6 |
| 2800 E | E | 2450 | N | -2 |



## FENWAX

VLF-EM SURVEY RAW DATA SOUTH GRTD

| 2600 | E | 1825 | N | 9 |
| :---: | :---: | :---: | :---: | :---: |
| 2600 | E | 1850 | N | 7 |
| 2600 | E | 1875 | N | 7 |
| 2600 | E | 1900 | N | 10 |
| 2600 | E | 1925 | N | $-14$ |
| 2600 | E | 1950 | N | -10 |
| 2600 | E | 1975 | N | -11 |
| 2600 | E | 2000 | N | -4 |
| 2600 | E | 2025 | N | -14 |
| 2600 | E | 2050 | N | $-10$ |
| 2600 | E | 2075 | N | 21 |
| 2600 | E | 2100 | N | 20 |
| 2600 | E | 2125 | N | 27 |
| 2600 | E | 2150 | N | 18 |
| 2600 | E | 2175 | N | 14 |
| 2600 | E | 2200 | N | 9 |
| 2600 | E | 2225 | N | 11 |
| 2600 | E | 2250 | N | 4 |
| 2600 | E | 2275 | N | 4 |
| 2600 | E | 2300 | N | 6 |
| 2600 | E | 2325 | N | 7 |
| 2600 | E | 2350 | N | 8 |
| 2600 | E | 2375 | N | 6 |
| 2600 | E | 2400 | N | 4 |
| 2600 | E | 2425 | N | 0 |
| 2600 | E | 2450 | N | -4 |
| 2600 | E | 2475 | N | -6 |
| 2600 | $E$ | 2500 | N | -7 |
| 2400 | E | 1450 | N | -3 |
| 2400 | E | 1475 | N | -6 |
| 2400 | E | 1525 | N | -4 |
| 2400 | $E$ | 1550 | N | 2 |
| 2400 | E | 1575 | N | 1 |
| 2400 | $E$ | 1600 | N | 0 |
| 2400 | $E$ | 1625 | N | 0 |
| 2400 | E | 1650 | N | 0 |
| 2400 | E | 1675 | N | -7 |
| 2400 | E | 1700 | N | -1 |
| 2400 | E | 1725 | N | -4 |
| 2400 | E | 1750 | N | -9 |
| 2400 | E | 1775 | N | $-7$ |
| 2400 | E | 1800 | N | -7 |
| 2400 | E | 1825 | N | -7 |
| 2400 | E | 1850 | N | -5 |
| 2400 | E | 1875 | N | -6 |
| 2400 | $E$ | 1900 | N | -7 |
| 2400 | E | 1925 | N | -4 |
| 2400 | $E$ | 1950 | N | -3 |
| 2400 | E | 1975 | N | 0 |
| 2400 | E | 2000 | N | 0 |
| 2400 | E | 2025 | N | 1 |
| 2400 | $E$ | 2050 | N | 0 |
| 2400 | E | 2075 | N | -2 |
| 2400 | E | 2100 | N | $-3$ |

FENWAY
VLF-EM SURVEY RAW DATA
SOUTH GRID

| 2400 | E | 2125 | N |
| :--- | ---: | ---: | ---: |$\quad-7$

FENWAY
VLF-EM SURVEY RAW DATA SOUTH GRID

| 2200 | E | 1525 | N |
| :--- | ---: | :--- | ---: |
| 2200 | E | 1550 | N |
| 2200 | E | 1575 | N |
| 2200 | E | 1600 | N |
| 2200 | E | 1625 | N |
| 2200 | E | 1650 | -3 |
| 2200 | N | 1675 | N |
| 2200 | E | 1700 | N |
| 2200 | E | 1725 | N |
| 2200 | E | 1750 | N |
| 2200 | E | 1775 | N |


|  | FENWAY |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  | VLF-EM SURVEY |  |  | RAW DATA |
|  |  | H GRI |  |  |
| 2000 | $E$ | 925 | N | -4 |
| 2000 | E | 950 | N | -3 |
| 2000 | E | 975 | N | -3 |
| 2000 | E | 1000 | N | -3 |
| 2000 | E | 1025 | N | -1 |
| 2000 | $E$ | 1050 | N | -2 |
| 2000 | $E$ | 1075 | N | 14 |
| 2000 | E | 1100 | N | -4 |
| 2000 | E | 1125 | N | -6 |
| 2000 | E | 1150 | N | -4 |
| 2000 | E | 1175 | N | -3 |
| 2000 | E | 1200 | N | -6 |
| 2000 | E | 1225 | N | -4 |
| 2000 | E | 1250 | N | -4 |
| 2000 | E | 1275 | N | -2 |
| 2000 | E | 1300 | N | -2 |
| 2000 | E | 1325 | N | -2 |
| 2000 | E | 1350 | N | -6 |
| 2000 | E | 1375 | N | -3 |
| 2000 | E | 1400 | N | -4 |
| 2000 | E | 1425 | N | -2 |
| 2000 | E | 1450 | N | -8 |
| 2000 | E | 1475 | N | -6 |
| 2000 | E | 1525 | N | -4 |
| 2000 | E | 1550 | N | -3 |
| 2000 | $E$ | 1575 | N | 2 |
| 2000 | E | 1600 | N | 0 |
| 2000 | E | 1625 | N | 0 |
| 2000 | E | 1650 | N | 1 |
| 2000 | E | 1675 | N | 1 |
| 2000 | E | 1700 | N | -5 |
| 2000 | E | 1725 | N | 0 |
| 2000 | E | 1750 | N | 14 |
| 2000 | E | 1775 | N | 7 |
| 2000 | E | 1800 | N | 1 |
| 2000 | E | 1825 | N | -3 |
| 2000 | E | 1850 | N | 6 |
| 2000 | E | 1875 | N | -10 |
| 2000 | E | 1900 | N | 10 |
| 2000 | E | 1925 | N | 0 |
| 2000 | $E$ | 1950 | N | 0 |
| 2000 | E | 1975 | N | 5 |
| 2000 | E | 2000 | N | 5 |
| 2000 | E | 2025 | N | -4 |
| 2000 | E | 2050 | N | 0 |
| 2000 | E | 2075 | N | 0 |
| 2000 | E | 2100 | N | -8 |
| 2000 | E | 2125 | N | -3 |
| 2000 | E | 2150 | N | 2 |
| 2000 | $E$ | 2175 | N | 3 |
| 2000 | E | 2200 | N | -8 |
| 2000 | E | 2225 | N | 6 |
| 2000 | E | 2250 | N | 7 |
| 2000 | E | 2275 | N | 5 |

FENWAY
VLF-EM SURVEY RAW DATA SOUTH GRID

| 2000 | E | 2300 | N | 4 |
| :---: | :---: | :---: | :---: | :---: |
| 2000 | E | 2325 | N | 4 |
| 2000 | E | 2350 | N | -4 |
| 2000 | E | 2375 | N | 4 |
| 2000 | $E$ | 2400 | N | -2 |
| 2000 | E | 2425 | N | -5 |
| 2000 | E | 2450 | N | -8 |
| 2000 | E | 2475 | N | -7 |
| 2000 | E | 2500 | N | -7 |
| 1800 | E | 600 | N | 0 |
| 1800 | E | 625 | N | -2 |
| 1800 | E | 650 | N | 1 |
| 1800 | E | 675 | N | 0 |
| 1800 | E | 700 | N | 6 |
| 1800 | E | 725 | N | 1 |
| 1800 | E | 750 | N | 15 |
| 1800 | E | 775 | N | 0 |
| 1800 | $E$ | 800 | N | 0 |
| 1800 | E | 825 | N | 1 |
| 1800 | E | 850 | N | 8 |
| 1800 | E | 875 | N | 3 |
| 1800 | E | 900 | N | 5 |
| 1800 | E | 925 | N | 10 |
| 1800 | E | 950 | N | 2 |
| 1800 | E | 975 | N | 5 |
| 1800 | E | 1000 | N | 6 |
| 1800 | $E$ | 1025 | N | 14 |
| 1800 | E | 1050 | N | 3 |
| 1800 | E | 1075 | N | 6 |
| 1800 | E | 1100 | N | 10 |
| 1800 | E | 1125 | N | 8 |
| 1800 | E | 1150 | N | 0 |
| 1800 | E | 1175 | N | 0 |
| 1800 | E | 1200 | N | 3 |
| 1800 | E | 1225 | N | 4 |
| 1800 | E | 1250 | N | 4 |
| 1800 | E | 1275 | N | 6 |
| 1800 | E | 1300 | N | 0 |
| 1800 | E | 1325 | N | 7 |
| 1800 | E | 1350 | N | 0 |
| 1800 | E | 1375 | N | 6 |
| 1800 | E | 1400 | N | 4 |
| 1800 | E | 1425 | N | 4 |
| 1800 | E | 1450 | N | 7 |
| 1800 | E | 1475 | N | -3 |
| 1800 | E | 1525 | N | -4 |
| 1800 | E | 1550 | N | 5 |
| 1800 | E | 1575 | N | 0 |
| 1800 | E | 1600 | N | -5 |
| 1800 | E | 2625 | N | 0 |
| 1800 | E | 1650 | N | 8 |
| 1800 | E | 1675 | N | 3 |
| 1800 | E | 1700 | N | 3 |
| 1800 | E | 2725 | N | 0 |


| $\begin{aligned} & \text { 岕 } \\ & \text { K } \\ & \text { 条 } \end{aligned}$ |  |
| :---: | :---: |
| 忩 |  |
|  |  <br>  |
|  |  |
|  | ○00000000000000000000000000000000000000000000000000000 © <br>  |



FENWAY
VLF-EM SURVEY RAW DATA
SOUTH GRID

| 1400 | E | 1425 | N | 4 |
| :---: | :---: | :---: | :---: | :---: |
| 1400 | E | 1450 | N | 0 |
| 1400 | E | 1475 | N | 0 |
| 1200 | E | 500 | N | 4 |
| 1200 | E | 525 | N | 6 |
| 1200 | E | 550 | N | -8 |
| 1200 | E | 575 | N | 8 |
| 1200 | E | 600 | N | -7 |
| 1200 | E | 625 | N | -8 |
| 1200 | E | 650 | N | -8 |
| 1200 | E | 675 | N | -5 |
| 1200 | E | 700 | N | 4 |
| 1200 | E | 725 | N | -1 |
| 1200 | E | 750 | N | 0 |
| 1200 | E | 775 | N | -2 |
| 1200 | $E$ | 800 | N | -14 |
| 1200 | E | 825 | N | -10 |
| 1200 | E | 850 | N | -10 |
| 1200 | E | 875 | N | -6 |
| 1200 | E | 900 | N | -4 |
| 1200 | E | 925 | N | -8 |
| 1200 | E | 950 | N | -8 |
| 1200 | E | 975 | N | -6 |
| 1200 | E | 1000 | N | 0 |
| 1200 | E | 1025 | N | -2 |
| 1200 | E | 1050 | N | -4 |
| 1200 | E | 1075 | N | -8 |
| 1200 | E | 1100 | N | -1 |
| 1200 | E | 1125 | N | -4 |
| 1200 | E | 1150 | N | -9 |
| 1200 | E | 1175 | N | -4 |
| 1200 | E | 1200 | N | -3 |
| 1200 | $E$ | 1225 | N | -4 |
| 1200 | E | 1250 | N | -6 |
| 1200 | E | 1275 | N | -3 |
| 1200 | E | 1300 | N | -3 |
| 1200 | E | 1325 | N | -2 |
| 1200 | E | 1350 | N | -6 |
| 1200 | E | 1375 | N | -4 |
| 1200 | E | 1400 | N | -6 |
| 1200 | E | 1425 | N | -4 |
| 1200 | E | 1450 | N | -5 |
| 1200 | E | 1475 | N | -4 |
| 1150 | E | 500 | N | -11 |
| 1150 | E | 525 | N | -10 |
| 1150 | E | 550 | N | -8 |
| 1150 | E | 575 | N | -5 |
| 1150 | E | 600 | N | -2 |
| 1150 | E | 625 | N | -7 |
| 1150 | E | 650 | N | -8 |
| 1150 | E | 675 | N | -8 |
| 1150 | E | 700 | N | -8 |
| 1150 | E | 725 | N | -9 |
| 1150 | E | 750 | N | $-6$ |


| $\begin{aligned} & 太 心 \\ & \underset{\sim}{\mathbb{O}} \end{aligned}$ |  |
| :---: | :---: |
|  |  |
| 㤂 |  |
| \＄ |  |
| 5 |  |
| $\stackrel{\square}{5}$ |  |
| $\cdots$ |  |
|  |  |
|  |  |
|  | 000000000000000000000000000000000000000000000000000000 <br>  |


|  | FENWAY |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | VLF-EM SURVEY |  |  | RAW DATA |
|  |  | H GRI |  |  |
| 800 | E | 875 | N | -6 |
| 800 | E | 900 | N | -6 |
| 800 | E | 925 | N | $-7$ |
| 800 | E | 950 | N | -6 |
| 800 | E | 975 | N | -8 |
| 800 | E | 1000 | N | -7 |
| 800 | E | 1025 | N | -8 |
| 800 | E | 1050 | N | -5 |
| 800 | E | 1075 | N | -7 |
| 800 | E | 1100 | N | -7 |
| 800 | E | 1125 | N | $-6$ |
| 800 | E | 1140 | N | -8 |
| 600 | $E$ | 250 | N | -7 |
| 600 | E | 275 | N | -6 |
| 600 | E | 300 | N | -6 |
| 600 | E | 325 | N | -3 |
| 600 | E | 350 | N | -4 |
| 600 | E | 375 | N | -6 |
| 600 | E | 400 | N | -5 |
| 600 | E | 425 | N | -2 |
| 600 | E | 450 | N | -4 |
| 600 | E | 475 | N | -4 |
| 600 | E | 500 | N | -6 |
| 600 | E | 525 | N | -5 |
| 600 | E | 550 | N | -6 |
| 600 | E | 575 | N | -6 |
| 600 | E | 600 | N | -6 |
| 600 | E | 625 | N | -6 |
| 600 | E | 650 | N | -8 |
| 600 | E | 675 | N | -7 |
| 600 | E | 700 | N | -6 |
| 600 | $E$ | 725 | N | -7 |
| 600 | E | 750 | N | -4 |
| 600 | E | 775 | N | -5 |
| 600 | E | 800 | N | -1 |
| 600 | E | 825 | N | 1 |
| 600 | E | 850 | N | 2 |
| 600 | E | 875 | N | 3 |
| 600 | E | 900 | N | 4 |
| 600 | E | 925 | N | 2 |
| 600 | E | 950 | N | 5 |
| 600 | E | 975 | N | 8 |
| 600 | E | 1000 | N | 10 |
| 600 | E | 2025 | N | 7 |
| 600 | E | 1050 | N | 9 |
| 400 | E | 275 | N | -8 |
| 400 | E | 200 | N | -8 |
| 400 | E | 225 | N | -9 |
| 400 | E | 250 | N | -11 |
| 400 | E | 275 | N | -10 |
| 400 | E | 300 | N | -8 |
| 400 | E | 325 | N | -8 |
| 400 | E | 350 | N | -9 |
| 400 | E | 375 | N | -9 |



|  | FENWAY |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | VLF-EM SURVEY |  |  | RAW DATA |
|  |  | H GRI |  |  |
| 200 | E | 700 | N | -9 |
| 200 | E | 725 | N | -8 |
| 200 | E | 750 | N | -2 |
| 200 | E | 775 | N | -2 |
| 200 | E | 800 | N | -3 |
| 200 | E | 825 | N | -8 |
| 200 | E | 850 | N | -12 |
| 200 | E | 875 | N | -16 |
| 200 | E | 900 | N | -13 |
| 200 | E | 925 | N | -15 |
| 200 | E | 950 | N | -10 |
| 200 | E | 975 | N | -8 |
| 0 | E | 325 | N | -13 |
| 0 | E | 350 | N | -16 |
| 0 | E | 375 | N | -16 |
| 0 | E | 400 | N | -18 |
| 0 | $E$ | 425 | N | -20 |
| 0 | E | 450 | N | -20 |
| 0 | E | 475 | N | -18 |
| 0 | E | 500 | N | -21 |
| 0 | E | 525 | N | -20 |
| 0 | $E$ | 550 | N | -22 |
| 0 | E | 575 | N | -21 |
| 0 | E | 600 | N | -20 |
| 0 | E | 625 | N | -16 |
| 0 | E | 650 | N | -11 |
| 0 | E | 675 | N | -10 |
| 0 | E | 700 | N | -10 |
| 0 | E | 725 | N | -15 |
| 0 | E | 750 | N | -15 |
| 0 | E | 775 | N | -18 |
| 0 | E | 800 | N | -16 |
| 0 | $E$ | 825 | N | -18 |
| 0 | $E$ | 850 | N | -18 |
| 0 | E | 875 | N | -10 |
| 0 | E | 900 | N | -18 |
| 0 | E | 925 | N | -16 |
| 0 | E | 950 | N | $-10$ |
| 0 | E | 975 | N | -3 |
| 0 | E | 1000 | N | -16 |



