

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.11.04

ASSESSMENT REPORT 18542

MINING DIVISION: Vernon

PROPERTY: Whiteboul  
LOCATION: LAT 50 14 25 LONG 119 34 30  
UTM 11 5568300 316383  
NTS 082L04E  
CLAIM(S): Boul 2-3  
OPERATOR(S): Chevron Min.  
AUTHOR(S): Daughtry, K.;Gilmour, W.R.  
REPORT YEAR: 1989, 45 Pages  
KEYWORDS: Jurassic,Granodiorite,Okanagan Batholith  
WORK  
DONE: Geophysical,Geochemical,Physical  
EMGR 27.0 km;VLF  
Map(s) - 4; Scale(s) - 1:5000  
LINE 27.0 km  
SOIL 182 sample(s) ;ME  
Map(s) - 2; Scale(s) - 1:5000

|              |     |
|--------------|-----|
| LOG NO: 0213 | RD. |
| ACTION:      |     |
| FILE NO:     |     |

Geochemical and Geophysical

Assessment Report

on the

WHITEBOUL Property

(BOUL 2, BOUL 3)

Bouleau Creek Area

Vernon Mining Division

NTS: 82L/4E  
 Latitude: 50°14.4'N  
 Longitude: 119°34.5'W  
 Owners: Chevron Minerals Ltd.  
 Consultant: Discovery Consultants  
 Authors: K.L. Daughtry  
 W.R. Gilmour  
 Date: February 3, 1989

FILMED

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**18,542**

**GOLD COMMISSIONER  
 RECEIVED and RECORDED**  
 FEB - 9 1989  
 M.R. \_\_\_\_\_ \$ \_\_\_\_\_  
 VERNON, B.C.

**GOLD COMMISSIONER  
 RECEIVED and RECORDED**  
 FEB - 9 1989  
 M.R. \_\_\_\_\_ \$ \_\_\_\_\_  
 VERNON, B.C.

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## SUMMARY

The WHITEBOUL property consists of 2 claims, with a total of 32 units, in the Whiteman Creek area of the Vernon Mining Division. The claims are owned by Chevron Minerals Ltd., who carried out a programme of geochemical soil sampling and a VLF-EM survey over part of the property in 1988. The target of exploration is Eocene gold mineralization related to fault fissures cutting the Jurassic Okanagan batholith. A grid was installed and 182 soil samples were collected. Anomalous gold and lead values occur in clusters in several parts of the grid. Additional sampling is needed to better define the anomalies and to complete soil survey coverage of the property. The VLF-EM survey indicated the presence of linear conductors which may be related to alteration along faults.

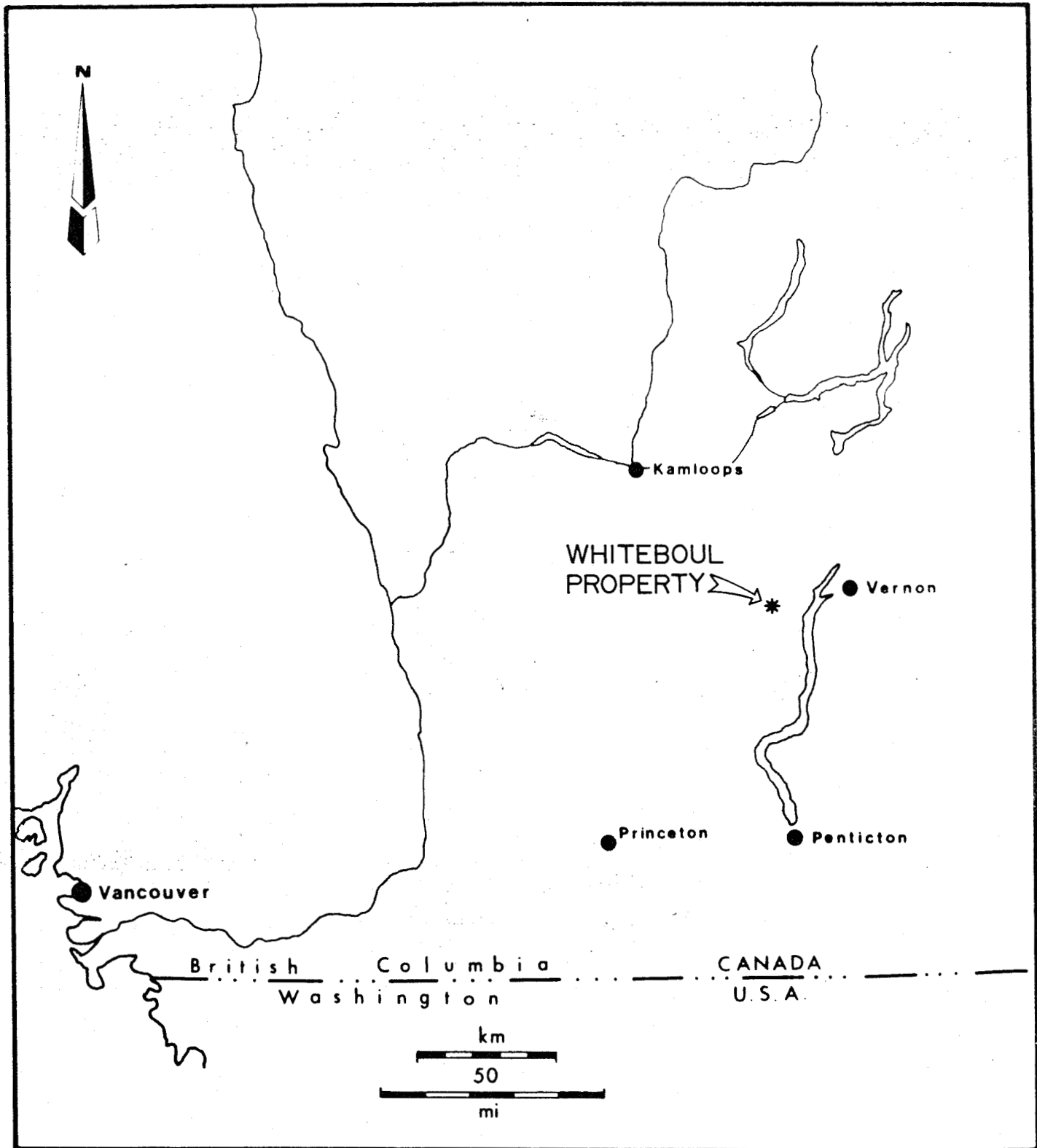
### LOCATION, ACCESS, TOPOGRAPHY

The WHITEBOUL claims are in the Whiteman Creek area of the Vernon Mining Division (Figure 1). Most of the property is located on the upland plateau between the canyons of Whiteman and Bouleau Creeks (Figure 2). The centre of the claim block is at  $50^{\circ}14.4'N$  latitude and  $119^{\circ}34.5'W$  longitude.

The area west of the north end of the Okanagan Lake is characterized by an upland plateau with deep canyons incised by easterly-flowing creeks tributary to the lake. The southwestern half of the WHITEBOUL property is on the undulating plateau with low relief. The northeastern part of the property extends over the steep west slope of the Bouleau Creek canyon.

Elevations vary from 750 m above sea level on the northern boundary of the property, on Bouleau Creek, to 1500 m at the crest of the hill on the west boundary of BOUL 3 claim. Numerous small creeks on the property are tributary to either Bouleau or Whiteman Creeks.

Access to the area of the BOUL property is gained by driving 8 km west from Okanagan Lake on the Whiteman Main logging road, and thence northwesterly up the Bouleau Main logging road for about 4.5 km to the northeast corner of the BOUL 2 claim.



**DISCOVERY**

Consultants

CHEVRON MINERALS LTD.

*WHITEBOUL PROPERTY*

*LOCATION MAP*

DATE: FEB.3/1989

PROJECT: 326

SCALE: OS shown

N.T.S.: 82-L/4E

M.D.: VERNON

FIGURE: 1

PROPERTY

The WHITEBOUL property consists of 2 claims, comprising 32 units, in the Vernon Mining Division (Figure 2).

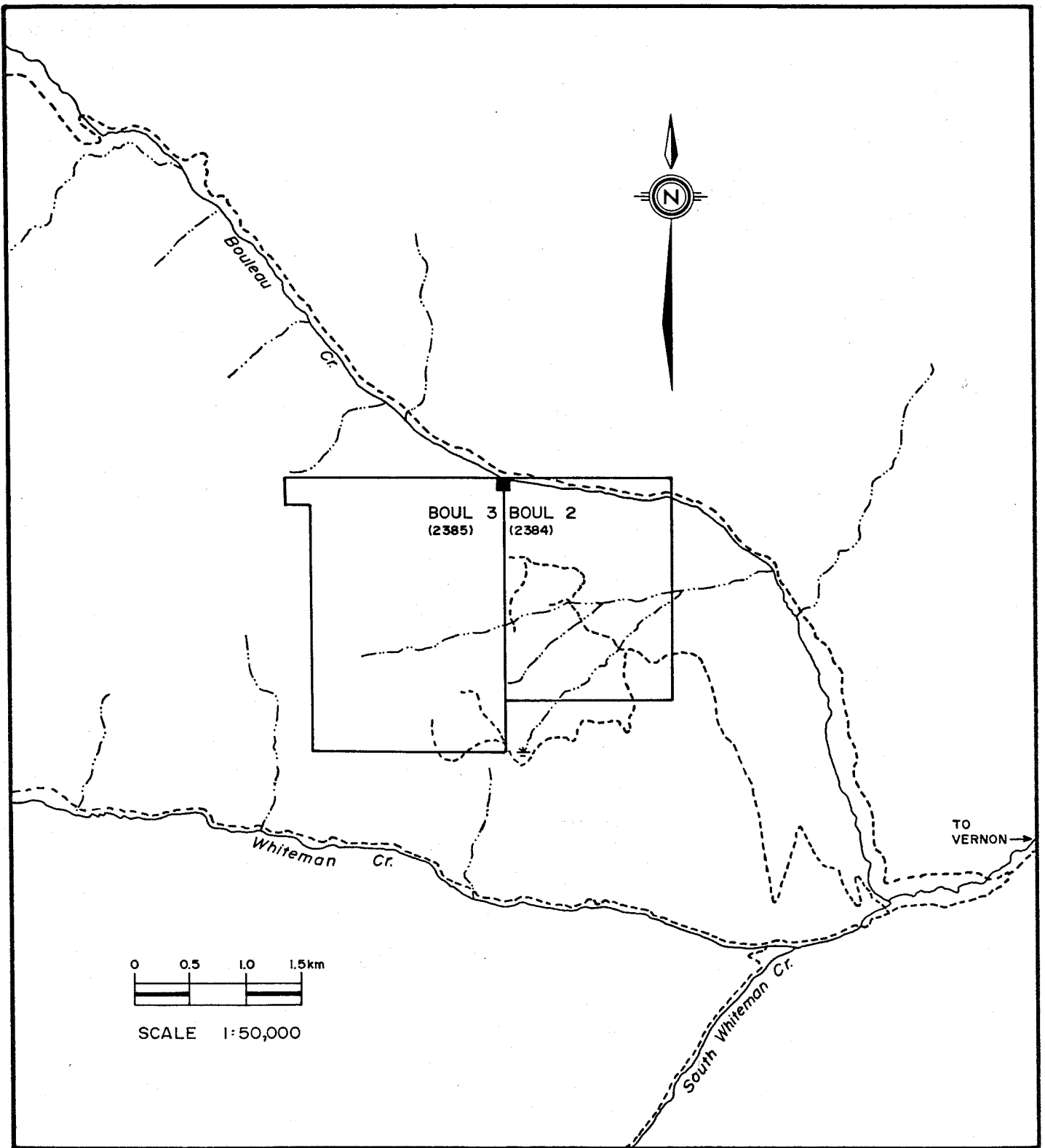
The claims were located on November 9 and 10, 1987. The claims are owned by Chevron Minerals Ltd. The following table lists the pertinent information on the claims.

| <u>Claim Name</u> | <u>Record Number</u> | <u>Number Units</u> | <u>Expiry Date</u> |
|-------------------|----------------------|---------------------|--------------------|
| BOUL 2            | 2384                 | 12                  | November 12, 1992  |
| BOUL 3            | 2385                 | 20                  | November 12, 1992  |

The expiry dates are contingent upon the acceptance of this assessment report.

HISTORY

No known previous mineral exploration is known to have been carried out on the area of the claims.



**DISCOVERY**

Consultants

CHEVRON MINERALS LTD.

*WHITEBOUL PROPERTY*

*CLAIM LOCATION MAP*

DATE : FEB.3/1989

PROJECT : 326

SCALE : 1:50,000

N.T.S. : 82-L/4E

M.D. : VERNON

FIGURE : 2



## GEOLOGY

In the region west of the north end of Okanagan Lake, the Jurassic Okanagan batholith intrudes tightly folded Upper Paleozoic to Upper Triassic sedimentary and volcanic rocks. The batholith is overlain in turn by Eocene volcanic and sedimentary rocks. Both the batholith and the younger Eocene rocks are intruded by the Whiteman Creek stock. This pluton occupies about 12 km<sup>2</sup> in the canyon of Whiteman Creek immediately south of the WHITEBOUL property. The youngest rocks in the area are plateau basalt flows of Neogene age.

The WHITEBOUL claims are entirely underlain by granodiorite of the Okanagan batholith. The contact between the granodiorite and overlying Eocene volcanic rocks trends north-northeasterly across the plateau about 3 km west of the property. West of this contact, which may be a fault in places, the basal Eocene rocks are predominantly andesite, with lesser basalt and dacite and minor mafic tuff and feldspar porphyritic andesite. The pluton comprises two varieties of granodiorite: a leucocratic, massive, medium grained aphyric to porphyritic type and a melanocratic, medium grained, foliated type. The contacts between the two phases appear to be gradational.

Epithermal precious metal mineralization in the Whiteman Creek area appears to be spatially related to the Eocene Whiteman Creek alkali granite stock.

## GEOCHEMICAL SOIL SURVEY

A 1500 metre-long east-west base line (2000 N) was installed with flagged north-south cross-lines every 100m. Soil samples were collected at 100 m intervals along the grid lines (Figure 3).

Whenever possible the B soil horizon was sampled. All samples were collected in numbered kraft paper bags from an average depth of 20 cm. A total of 182 samples was sent to Bondar-Clegg and Company Ltd. in North Vancouver for analysis. The -80 mesh fraction was analysed for gold by the fire assay/atomic absorption method and for silver, arsenic, bismuth, cobalt, copper, iron, molybdenum, lead, antimony and zinc by D.C.P. methods following hot  $\text{HNO}_3\text{-HCl}$  extraction.

The following table summarizes the results.

|        | <u>Range</u> | <u>Median Value</u> | <u>90 percentile value</u> |
|--------|--------------|---------------------|----------------------------|
| Au ppb | <5 - 90      | <5                  | 34                         |
| Ag ppm | <0.5 - 1.9   | <0.5                | 0.6                        |
| As ppm | <5 - 23      | <5                  | 13                         |
| Bi ppm | <2 - 12      | <2                  | 3                          |
| Co ppm | 2 - 11       | 6                   | 8                          |
| Cu ppm | <1 - 21      | 4                   | 8                          |
| Fe %   | 0.74 - 2.18  | 1.62                | 1.87                       |
| Mo ppm | <1 - 22      | 2                   | 4                          |
| Pb ppm | <5 - 29      | 12                  | 22                         |
| Sb ppm | <5 - 10      | <5                  | 5                          |
| Zn ppm | 20 - 152     | 50                  | 90                         |

Anomalous values for Au and Pb were determined by plotting histograms. Values for gold are plotted, and contoured at 20, 50 and 100 ppb, on Figure 3. Lead values are plotted and contoured on Figure 4. All values are shown in Appendix 1.

## VLF EM SURVEY

The VLF (very low frequency) method makes use of powerful, distant military radio transmitters. These transmitters induce electric currents in conductive bodies. The induced current produces secondary magnetic fields which can be detected by measuring deviations in the normal VLF fields. To maximize detection the direction to the transmitting station should be parallel to the strike of the conductor, although differences in direction of up to  $45^\circ$  still give very good responses. Klein and Lajoie summarize the interpretation of results as follows:

" The conductor is located at the inflection point marking the crossover from positive tilt to negative tilt, and the maximum in field strength" (Klein and Lajoie, p 270).

They also state that the VLF method can detect "unwanted sources" such as swamp edges, creeks and topographic highs. Griffiths and King state that:

"VLF.....has been found useful for mapping concealed boundaries between formations of contrasting resistivities rather than for the detection of localized conductors" (Griffiths and King, p 126).

On the WHITEBOUL property a detailed VLF EM survey was carried out over 27.0 km of flagged grid to determine the nature of the geophysical response over potential zones of alteration (Figures 5-8). Readings were taken every 25 m along flagged lines spaced 25 m apart. The instrument was a Sabre model 27. Two transmitters were used in the survey; Hawaii, transmitting 23.4 Khz at an azimuth of approximately  $215^\circ$  and Annapolis, transmitting at 21.4 Khz at an azimuth of approximately  $110^\circ$ .

The standard profile method of presenting dip angle data may be difficult to interpret. A filtering technique known as the Fraser Filter<sup>1</sup> has been applied to dip angle measurements from the orientation survey (dip angle measurements are listed in APPENDIX 2).

Fraser Filter values for Annapolis and Hawaii are shown on Figures 5 and 7 respectively. Anomalous Fraser Filter results are shown on Figures 6 and 8.

<sup>1</sup> Reference: Fraser, D.C. 1969 Geophysics, v.34, pp 958-967.

## DISCUSSION AND CONCLUSIONS

Anomalous gold values occur in soils in several areas on the WHITEBOUL property. The largest anomaly is a narrow arcuate zone trending northerly on lines 3000 W, 3100 W and 3200 W (Figure 3). Several other smaller anomalies occur in a crude northwesterly trend across the grid.

A narrow, sinuous zone of anomalous lead values occurs in the same area as the main gold anomaly (Figure 4). The relative immobility of lead in soils suggests that the source of the anomaly is in the immediate area.

Epithermal gold mineralization in the Whiteman Creek area is related to northerly-trending fault structures which occur peripheral to the Whiteman Creek stock. The distribution of the high gold values in soils on the WHITEBOUL property suggests that similar mineralized structures may be present.

More detailed grid-controlled soil sampling should be carried out to define the known anomalies, and the grid should be expanded to complete the coverage of the remainder of the claims. The property is covered by glacial overburden, with few areas of outcrop except on the steep slopes near Bouleau Creek. Follow-up of the soil anomalies will require careful attention to the difficulties inherent in exploration on till-covered ground.

The VLF-EM survey results suggest the presence of northeasterly trending linear conductors near the centre of the grid. These conductors may be related to alteration along fault structures.

STATEMENT OF COSTS

|    |  |               |            |
|----|--|---------------|------------|
| 1. | Professional Services  |               |            |
|    | W.R. Gilmour 6 days @ \$400/day<br>supervision, report writing                     | \$ 2400.00    |            |
|    | K.L. Daughtry 1 day @ \$450/day  | <u>450.00</u> | \$ 2850.00 |
| 2. | Labour   |               |            |
|    | R. Anctil 6 days @ \$216/day<br>May 25-30  | 1296.00       |            |
|    | J. Beggs 5 days @ \$192/day<br>Aug. 21-25  | 960.00        |            |
|    | M. Beenen 4 days @ \$160/day<br>Aug. 21,23,24<br>Oct. 1                            | 640.00        |            |
|    | B. Carr 9 days @ \$216/day<br>May 26-30<br>Oct. 1-3,5                              | 1944.00       |            |
|    | B. Deakin 13 days @ \$160/day<br>May 25-30<br>Aug. 25<br>Sept. 12,13<br>Oct. 1-3,5 | 2080.00       |            |
|    | S. Maltby 2 days @ \$216/day<br>Aug. 5,18  | 432.00        |            |
|    | R. Patrick 4 days @ \$216/day<br>Oct. 1,3,7,8                                      | <u>864.00</u> | 8216.00    |
| 3. | Personnel - Drafting   |               | 816.00     |
| 4. | Personnel - Data Compilation   |               | 328.00     |
| 5. | Personnel - Secretarial  |               | 200.00     |
| 6. | Analysis   |               | 3157.70    |
|    | 182 soils @ \$17.35<br>Analysed for Au, Ag, As, Bi,<br>Co, Cu, Fe, Mo, Pb, Sb, Zn  |               |            |

7. Transportation

4 x 4 truck  
May 25-30  
Aug. 21-25  
Sept. 12-13  
Oct. 1, 2-5, 7,8

20 days @ \$40 800.00  
2990 km @ \$.30 897.00  
Gas 243.00

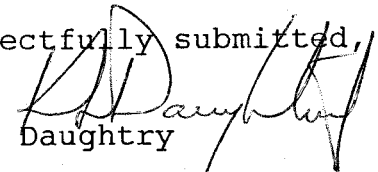
Car 123 km @ \$.30 369.00 2309.00

8. Field Supplies 150.00

9. VLF rental 240.00

10. Office 556.00

Total \$19150.70

Respectfully submitted,  
  
K.L. Daughtry  
W.R. Gilmour

Vernon, BC  
February 3, 1989

STATEMENT OF QUALIFICATIONS

I, W.R. GILMOUR of 13511 Sumac Lane, Vernon, B.C., V1B 1A1,

DO HEREBY CERTIFY that:

1. I am a consulting Geologist in mineral exploration associated with Discovery Consultants, Vernon, B.C.
2. I have been practising my profession for 18 years.
3. I am a graduate of the University of British Columbia with a Bachelor of Science degree in geology.
4. I am a Fellow of the Geological Association of Canada.
5. This report is based upon knowledge on the WHITEBOUL property gained from direct supervision of exploration work on the property.
6. I hold a direct beneficial interest in the WHITEBOUL property through an agreement with Chevron Minerals Ltd.



W.R. Gilmour

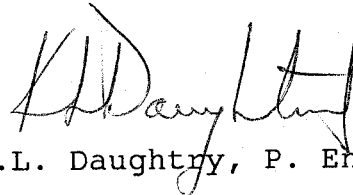
Vernon, B.C.  
February 3, 1989



STATEMENT OF QUALIFICATIONS

I, KENNETH L. DAUGHTRY, of 7814 Tronson Road, R.R. #4, Vernon British Columbia, DO HEREBY CERTIFY that:

1. I am a Consulting Geologist in mineral exploration.
2. I have been practising my profession for twenty five years in Canada, the United States and Ireland.
3. I am a graduate of Carleton University, Ottawa, with a Bachelor of Science degree in Geology and Geochemistry.
4. I am a member of the Associations of Professional Engineers of British Columbia, Ontario, and Yukon Territory, and a Fellow of the Geological Association of Canada.
5. This report is based upon knowledge of the WHITEBOUL property gained from personal examination, from extensive exploration experience in the Whiteman Creek area, and from supervision of the work described in this report.
6. I hold a direct beneficial interest in the WHITEBOUL property through an agreement with Chevron Minerals Ltd.



K.L. Daughtry, P. Eng.

Vernon, BC  
February 3, 1989

APPENDIX 1

Whiteboul Property Soil Geochemical Results

| Sample ID   | Au<br>ppb | Ag<br>ppm | As<br>ppm | Bi<br>ppm | Co<br>ppm | Cu<br>ppm | Fe<br>% | Mo<br>ppm | Pb<br>ppm | Sb<br>ppm | Zn<br>ppm |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|
| 2000W 1500N | -5        | -0.5      | 6         | -2        | 6         | 7         | 1.43    | 10        | 10        | -5        | 123       |
| 2000W 1600N | -5        | -0.5      | -5        | -2        | 8         | 9         | 1.69    | 4         | 14        | -5        | 143       |
| 2000W 1700N | -5        | -0.5      | 15        | 3         | 7         | 6         | 1.68    | 1         | 9         | -5        | 145       |
| 2000W 1800N | -5        | -0.5      | 15        | 9         | 5         | 5         | 1.70    | 1         | -5        | -5        | 141       |
| 2000W 1900N | 15        | -0.5      | -5        | 3         | 6         | 5         | 1.84    | -1        | 10        | -5        | 149       |
| 2000W 2000N | 16        | -0.5      | -5        | -2        | 6         | 5         | 1.82    | 1         | -5        | -5        | 124       |
| 2000W 2100N | -5        | -0.5      | 7         | -2        | 4         | 3         | 1.42    | -1        | -5        | -5        | 129       |
| 2000W 2200N | -5        | -0.5      | -5        | -2        | 5         | 2         | 2.09    | -1        | -5        | -5        | 126       |
| 2000W 2300N | 22        | -0.5      | 6         | -2        | 4         | 3         | 1.52    | -1        | -5        | -5        | 91        |
| 2000W 2320N | 5         | -0.5      | -5        | 4         | 4         | 3         | 1.63    | -1        | -5        | -5        | 115       |
| 2000W 2400N | -5        | -0.5      | -5        | -2        | 5         | 7         | 1.71    | -1        | 9         | -5        | 123       |
| 2000W 2500N | -5        | -0.5      | -5        | 5         | 3         | 3         | 1.40    | -1        | -5        | -5        | 152       |
| 2100W 1500N | -5        | -0.5      | 6         | -2        | 5         | 9         | 1.84    | -1        | 11        | -5        | 102       |
| 2100W 1600N | 18        | -0.5      | 12        | 5         | 4         | 5         | 1.70    | -1        | 8         | -5        | 103       |
| 2100W 1700N | 9         | -0.5      | 10        | -2        | 4         | 3         | 1.65    | -1        | -5        | -5        | 79        |
| 2100W 1800N | -5        | -0.5      | -5        | -2        | 3         | 5         | 1.56    | -1        | -5        | -5        | 110       |
| 2100W 1900N | -5        | -0.5      | -5        | -2        | 5         | 3         | 1.55    | -1        | -5        | -5        | 118       |
| 2100W 1900N | 35        | -0.5      | -5        | 12        | 5         | 3         | 1.63    | -1        | -5        | -5        | 117       |
| 2100W 2000N | 5         | -0.5      | -5        | -2        | 5         | 4         | 1.35    | 9         | 12        | -5        | 76        |
| 2100W 2100N | 10        | -0.5      | -5        | 3         | 7         | 4         | 1.77    | 5         | 13        | -5        | 68        |
| 2100W 2200N | -5        | -0.5      | -5        | 5         | 6         | 4         | 1.57    | 4         | 15        | -5        | 84        |
| 2100W 2300N | 13        | -0.5      | 7         | 3         | 6         | 5         | 1.73    | 3         | 18        | -5        | 55        |
| 2100W 2400N | -5        | -0.5      | -5        | -2        | 6         | 7         | 1.61    | 3         | 15        | -5        | 47        |
| 2100W 2500N | 10        | -0.5      | -5        | -2        | 7         | 5         | 1.89    | 2         | 20        | -5        | 64        |
| 2200W 1500N | -5        | -0.5      | -5        | -2        | 5         | 5         | 1.69    | 2         | 9         | -5        | 47        |
| 2200W 1600N | -5        | 0.5       | -5        | 3         | 6         | 11        | 1.62    | -1        | 7         | -5        | 48        |
| 2200W 1700N | 8         | -0.5      | -5        | -2        | 6         | 6         | 1.72    | 1         | 15        | -5        | 40        |
| 2200W 1800N | 16        | -0.5      | -5        | -2        | 7         | 4         | 1.69    | 2         | 8         | -5        | 46        |
| 2200W 1900N | 29        | -0.5      | -5        | -2        | 5         | 4         | 1.81    | -1        | 21        | -5        | 50        |
| 2200W 2000N | -5        | -0.5      | -5        | -2        | 8         | 6         | 1.83    | 1         | 9         | -5        | 59        |
| 2200W 2100N | 5         | -0.5      | -5        | -2        | 5         | 5         | 1.57    | 2         | 10        | -5        | 57        |
| 2200W 2200N | 6         | -0.5      | -5        | -2        | 6         | 3         | 1.62    | 1         | 15        | -5        | 68        |
| 2200W 2300N | 6         | -0.5      | -5        | 3         | 5         | 5         | 1.39    | 2         | 9         | -5        | 48        |
| 2200W 2400N | -5        | 0.6       | -5        | 3         | 5         | 5         | 1.50    | 2         | 9         | -5        | 46        |
| 2200W 2500N | 6         | -0.5      | -5        | -2        | 8         | 5         | 2.18    | -1        | 20        | -5        | 72        |
| 2300W 1500N | 23        | -0.5      | -5        | -2        | 5         | 4         | 1.54    | 7         | 20        | -5        | 36        |
| 2300W 1600N | -5        | -0.5      | -5        | -2        | 7         | 8         | 1.78    | 4         | -5        | -5        | 60        |
| 2300W 1700N | -5        | -0.5      | -5        | -2        | 7         | 5         | 1.80    | 3         | 8         | 10        | 45        |
| 2300W 1800N | 15        | -0.5      | -5        | -2        | 6         | 5         | 1.53    | 3         | 16        | -5        | 46        |
| 2300W 1900N | -5        | -0.5      | -5        | 3         | 6         | 4         | 1.38    | 3         | 7         | -5        | 66        |
| 2300W 2000N | -5        | -0.5      | -5        | -2        | 6         | 3         | 1.59    | 1         | 6         | -5        | 45        |
| 2300W 2000N | -5        | -0.5      | 11        | -2        | 7         | 4         | 1.71    | 2         | -5        | -5        | 47        |
| 2300W 2100N | -5        | -0.5      | -5        | -2        | 7         | 9         | 1.74    | -1        | 18        | -5        | 45        |
| 2300W 2200N | -5        | -0.5      | -5        | 3         | 6         | 4         | 1.57    | 1         | 6         | -5        | 71        |
| 2300W 2300N | -5        | -0.5      | -5        | 3         | 6         | 5         | 1.55    | 2         | 9         | -5        | 68        |

| Sample ID   | Au<br>ppb | Ag<br>ppm | As<br>ppm | Bi<br>ppm | Co<br>ppm | Cu<br>ppm | Fe<br>% | Mo<br>ppm | Pb<br>ppm | Sb<br>ppm | Zn<br>ppm |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|
| 2300W 2400N | -5        | -0.5      | 14        | 2         | 6         | 3         | 1.83    | 2         | 13        | -5        | 57        |
| 2300W 2500N | -5        | -0.5      | -5        | -2        | 7         | 4         | 1.63    | 2         | 9         | -5        | 77        |
| 2400W 1500N | 7         | -0.5      | -5        | -2        | 6         | 3         | 1.71    | 2         | 8         | -5        | 52        |
| 2400W 1600N | -5        | -0.5      | -5        | 2         | 6         | 6         | 1.69    | 2         | -5        | -5        | 43        |
| 2400W 1700N | 54        | 0.6       | 9         | -2        | 6         | 7         | 1.69    | -1        | 13        | -5        | 35        |
| 2400W 1800N | -5        | -0.5      | 14        | -2        | 7         | 6         | 1.70    | 1         | 7         | -5        | 50        |
| 2400W 1900N | -5        | -0.5      | 13        | -2        | 6         | 4         | 1.49    | 3         | 13        | -5        | 54        |
| 2400W 1900N | -5        | -0.5      | -5        | -2        | 6         | 3         | 1.47    | 2         | 13        | -5        | 60        |
| 2400W 2000N | -5        | -0.5      | -5        | -2        | 6         | 6         | 1.46    | 8         | 11        | -5        | 67        |
| 2400W 2100N | -5        | -0.5      | -5        | -2        | 6         | 4         | 1.50    | 3         | 5         | -5        | 38        |
| 2400W 2100N | 12        | -0.5      | 6         | -2        | 6         | 3         | 1.51    | 4         | 7         | -5        | 39        |
| 2400W 2200N | -5        | 0.5       | -5        | -2        | 6         | 5         | 1.51    | 2         | -5        | -5        | 61        |
| 2400W 2300N | 8         | 0.5       | -5        | -2        | 8         | 9         | 2.01    | 2         | 10        | -5        | 49        |
| 2400W 2400N | -5        | -0.5      | 8         | -2        | 6         | 7         | 1.56    | 2         | 12        | -5        | 52        |
| 2400W 2500N | -5        | -0.5      | -5        | -2        | 7         | 4         | 1.55    | 3         | 10        | -5        | 83        |
| 2500W 1500N | -5        | -0.5      | 9         | 8         | 5         | 4         | 1.62    | 1         | 14        | -5        | 55        |
| 2500W 1600N | 41        | -0.5      | 7         | -2        | 5         | 3         | 1.47    | 2         | 13        | -5        | 31        |
| 2500W 1700N | 14        | -0.5      | -5        | -2        | 3         | 1         | 0.95    | 3         | 20        | -5        | 20        |
| 2500W 1800N | 15        | -0.5      | -5        | 3         | 6         | 5         | 1.67    | 1         | 9         | 5         | 42        |
| 2500W 1800N | -5        | -0.5      | -5        | 5         | 6         | 6         | 1.71    | 2         | 5         | -5        | 42        |
| 2500W 1900N | 7         | 0.5       | 19        | -2        | 7         | 7         | 1.87    | 2         | -5        | -5        | 46        |
| 2500W 2000N | -5        | -0.5      | -5        | -2        | 6         | 4         | 1.59    | 3         | 6         | -5        | 48        |
| 2500W 2100N | -5        | 0.5       | -5        | -2        | 6         | 4         | 1.62    | 1         | 9         | -5        | 43        |
| 2500W 2200N | 40        | -0.5      | -5        | -2        | 8         | 6         | 1.92    | 9         | 15        | -5        | 48        |
| 2500W 2300N | -5        | 0.6       | -5        | -2        | 6         | 10        | 1.57    | 5         | -5        | -5        | 41        |
| 2500W 2400N | -5        | -0.5      | 14        | -2        | 7         | 11        | 1.58    | 3         | 5         | -5        | 56        |
| 2500W 2500N | -5        | -0.5      | 10        | -2        | 6         | 5         | 1.64    | 3         | 6         | -5        | 52        |
| 2600W 1500N | -5        | -0.5      | -5        | 6         | 4         | 4         | 1.33    | 2         | 20        | -5        | 31        |
| 2600W 1600N | 28        | 0.5       | -5        | -2        | 4         | 4         | 1.35    | 3         | 17        | -5        | 23        |
| 2600W 1700N | -5        | 0.6       | 8         | -2        | 5         | 4         | 1.18    | 3         | 17        | -5        | 35        |
| 2600W 1800N | 11        | -0.5      | 8         | -2        | 5         | 3         | 1.66    | 3         | 12        | -5        | 37        |
| 2600W 1900N | 77        | -0.5      | -5        | -2        | 6         | 3         | 1.79    | 1         | 7         | -5        | 43        |
| 2600W 2000N | -5        | -0.5      | 6         | -2        | 5         | 3         | 1.67    | 3         | 12        | -5        | 49        |
| 2600W 2100N | 11        | 0.5       | -5        | -2        | 6         | 5         | 1.69    | 2         | 18        | -5        | 40        |
| 2600W 2200N | -5        | -0.5      | -5        | -2        | 7         | 4         | 1.62    | 2         | 8         | 9         | 50        |
| 2600W 2300N | -5        | -0.5      | 9         | -2        | 7         | 3         | 1.59    | 3         | 12        | -5        | 62        |
| 2600W 2400N | 8         | -0.5      | 8         | 3         | 7         | 4         | 1.73    | -1        | 10        | -5        | 76        |
| 2600W 2500N | -5        | -0.5      | 18        | 5         | 5         | 3         | 1.19    | 2         | 9         | -5        | 65        |
| 2700W 1500N | 5         | -0.5      | -5        | -2        | 6         | 5         | 1.83    | 2         | 12        | -5        | 35        |
| 2700W 1600N | -5        | -0.5      | 5         | -2        | 4         | 2         | 1.48    | 2         | 14        | -5        | 29        |
| 2700W 1700N | -5        | -0.5      | -5        | -2        | 5         | 2         | 1.35    | 3         | 12        | 7         | 31        |
| 2700W 1800N | -5        | 0.6       | -5        | -2        | 5         | 4         | 1.56    | -1        | -5        | -5        | 30        |
| 2700W 1900N | 19        | -0.5      | -5        | -2        | 5         | 2         | 1.36    | -1        | 15        | -5        | 48        |
| 2700W 2000N | 79        | -0.5      | 16        | -2        | 11        | 9         | 1.78    | 20        | 27        | 10        | 38        |
| 2700W 2100N | -5        | -0.5      | -5        | 2         | 6         | 5         | 1.53    | 7         | 10        | -5        | 40        |
| 2700W 2200N | -5        | -0.5      | -5        | -2        | 7         | 6         | 1.67    | 4         | 12        | -5        | 51        |
| 2700W 2300N | -5        | -0.5      | -5        | 2         | 7         | 6         | 1.66    | 4         | 16        | 6         | 42        |
| 2700W 2400N | -5        | 0.5       | -5        | -2        | 5         | 7         | 1.30    | 3         | 9         | -5        | 71        |
| 2700W 2500N | -5        | -0.5      | -5        | -2        | 6         | 3         | 1.63    | 2         | 10        | -5        | 44        |
| 2800W 1500N | -5        | 0.6       | -5        | -2        | 6         | 4         | 1.65    | 2         | 11        | -5        | 43        |

| Sample ID   | Au<br>ppb | Ag<br>ppm | As<br>ppm | Bi<br>ppm | Co<br>ppm | Cu<br>ppm | Fe<br>% | Mo<br>ppm | Pb<br>ppm | Sb<br>ppm | Zn<br>ppm |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|
| 2800W 1600N | -5        | -0.5      | 6         | -2        | 5         | 3         | 1.39    | 4         | 19        | -5        | 24        |
| 2800W 1700N | -5        | 0.5       | 10        | 3         | 5         | 3         | 1.43    | 3         | 5         | -5        | 36        |
| 2800W 1800N | -5        | 1.0       | 13        | -2        | 7         | 8         | 2.00    | 1         | -5        | -5        | 37        |
| 2800W 1900N | 90        | -0.5      | -5        | -2        | 5         | 3         | 1.56    | 2         | 14        | -5        | 43        |
| 2800W 2000N | 16        | -0.5      | -5        | -2        | 7         | 4         | 1.83    | 2         | 10        | -5        | 80        |
| 2800W 2100N | 17        | -0.5      | 11        | -2        | 6         | 3         | 1.66    | 2         | 17        | -5        | 34        |
| 2800W 2200N | 11        | -0.5      | 12        | -2        | 5         | 4         | 1.35    | 3         | 14        | -5        | 34        |
| 2800W 2300N | 42        | -0.5      | -5        | -2        | 7         | 6         | 1.71    | 2         | 20        | -5        | 43        |
| 2800W 2400N | -5        | -0.5      | 14        | -2        | 6         | 5         | 1.59    | 1         | -5        | -5        | 71        |
| 2800W 2500N | -5        | 0.5       | 8         | -2        | 7         | 6         | 1.74    | 1         | -5        | -5        | 88        |
| 2900W 1500N | -5        | -0.5      | -5        | -2        | 6         | 5         | 1.60    | 1         | 15        | -5        | 37        |
| 2900W 1600N | -5        | 0.5       | 18        | -2        | 6         | 6         | 1.52    | 2         | 15        | -5        | 27        |
| 2900W 1700N | -5        | 0.6       | 18        | -2        | 6         | 7         | 1.32    | 22        | 16        | 8         | 39        |
| 2900W 1800N | 5         | 0.7       | -5        | -2        | 7         | 8         | 1.65    | 11        | 24        | -5        | 50        |
| 2900W 1900N | 6         | -0.5      | 6         | -2        | 8         | 6         | 1.85    | 6         | 29        | -5        | 58        |
| 2900W 2000N | -5        | -0.5      | 11        | -2        | 6         | 4         | 1.54    | 9         | 26        | -5        | 44        |
| 2900W 2100N | 9         | 0.6       | 5         | -2        | 5         | 5         | 1.24    | 4         | 19        | -5        | 27        |
| 2900W 2200N | -5        | -0.5      | 13        | -2        | 7         | 3         | 1.91    | 3         | 15        | -5        | 61        |
| 2900W 2300N | 10        | -0.5      | 22        | 2         | 6         | 1         | 1.46    | 2         | 12        | -5        | 48        |
| 2900W 2400N | -5        | -0.5      | -5        | -2        | 8         | 6         | 1.82    | 2         | 28        | 5         | 66        |
| 2900W 2500N | -5        | -0.5      | -5        | 3         | 9         | 7         | 1.73    | -1        | 22        | -5        | 86        |
| 3000W 1500N | 15        | -0.5      | -5        | -2        | 6         | 4         | 1.65    | 1         | 13        | 7         | 46        |
| 3000W 1600N | -5        | -0.5      | -5        | -2        | 7         | 4         | 1.61    | -1        | 12        | -5        | 37        |
| 3000W 1700N | -5        | -0.5      | 10        | -2        | 8         | 5         | 1.64    | -1        | 23        | -5        | 58        |
| 3000W 1800N | 10        | -0.5      | 9         | -2        | 9         | 5         | 1.88    | -1        | 26        | -5        | 56        |
| 3000W 1900N | 63        | -0.5      | 7         | -2        | 7         | 2         | 1.86    | -1        | 10        | -5        | 44        |
| 3000W 2000N | 16        | -0.5      | -5        | 2         | 8         | 6         | 1.87    | 1         | 26        | -5        | 76        |
| 3000W 2100N | 31        | -0.5      | -5        | -2        | 6         | 4         | 1.73    | -1        | 19        | -5        | 44        |
| 3000W 2200N | 19        | -0.5      | 8         | 8         | 5         | 3         | 1.55    | -1        | 15        | -5        | 48        |
| 3000W 2300N | 5         | 0.7       | -5        | -2        | 7         | 4         | 1.58    | -1        | 25        | -5        | 74        |
| 3000W 2400N | -5        | 1.9       | -5        | -2        | 9         | 7         | 1.84    | 9         | 26        | -5        | 65        |
| 3000W 2500N | -5        | -0.5      | -5        | -2        | 7         | 4         | 1.91    | 4         | 18        | -5        | 72        |
| 3100W 1500N | -5        | 0.5       | -5        | -2        | 8         | 6         | 1.89    | 3         | 27        | -5        | 44        |
| 3100W 1600N | -5        | -0.5      | -5        | -2        | 7         | 4         | 1.76    | 2         | 17        | -5        | 45        |
| 3100W 1700N | -5        | -0.5      | -5        | -2        | 7         | 6         | 1.98    | -1        | 24        | -5        | 58        |
| 3100W 1800N | 34        | -0.5      | -5        | -2        | 6         | 4         | 1.44    | 2         | 18        | -5        | 69        |
| 3100W 1900N | 10        | 0.5       | 12        | -2        | 7         | 3         | 1.81    | -1        | 13        | -5        | 87        |
| 3100W 2000N | 48        | -0.5      | -5        | 4         | 6         | 4         | 1.69    | -1        | 17        | -5        | 50        |
| 3100W 2100N | 14        | -0.5      | -5        | -2        | 10        | 6         | 2.08    | -1        | 27        | 7         | 119       |
| 3100W 2200N | 50        | -0.5      | -5        | -2        | 8         | 6         | 2.07    | -1        | 17        | -5        | 62        |
| 3100W 2300N | 47        | -0.5      | -5        | -2        | 8         | 4         | 1.87    | -1        | 22        | 6         | 76        |
| 3100W 2400N | 7         | -0.5      | -5        | -2        | 9         | 4         | 1.93    | 1         | 16        | -5        | 91        |
| 3100W 2500N | 7         | 0.7       | -5        | -2        | 8         | 5         | 1.68    | -1        | 25        | -5        | 83        |
| 3200W 1500N | -5        | 0.7       | -5        | -2        | 7         | 11        | 1.87    | -1        | 21        | -5        | 55        |
| 3200W 1600N | 25        | -0.5      | -5        | -2        | 7         | 3         | 1.61    | 1         | 19        | -5        | 47        |
| 3200W 1700N | 23        | -0.5      | -5        | -2        | 7         | 5         | 1.80    | -1        | 20        | -5        | 55        |
| 3200W 1800N | 6         | -0.5      | -5        | -2        | 7         | 3         | 1.64    | -1        | 18        | -5        | 52        |
| 3200W 1900N | 5         | 0.7       | -5        | -2        | 11        | 8         | 1.75    | 9         | 29        | -5        | 66        |
| 3200W 2000N | 45        | -0.5      | 11        | -2        | 7         | 4         | 1.39    | 5         | 15        | -5        | 39        |
| 3200W 2100N | -5        | -0.5      | -5        | 5         | 10        | 8         | 2.11    | 3         | 25        | 7         | 61        |

| Sample ID   | Au<br>ppb | Ag<br>ppm | As<br>ppm | Bi<br>ppm | Co<br>ppm | Cu<br>ppm | Fe<br>% | Mo<br>ppm | Pb<br>ppm | Sb<br>ppm | Zn<br>ppm |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|
| 3200W 2200N | 6         | 0.7       | -5        | 3         | 7         | 6         | 1.66    | 3         | 20        | 6         | 56        |
| 3200W 2300N | -5        | 0.5       | 5         | 8         | 6         | 3         | 1.39    | 2         | 20        | -5        | 62        |
| 3200W 2400N | 61        | 0.6       | -5        | 4         | 7         | 4         | 1.74    | 2         | 23        | -5        | 64        |
| 3200W 2500N | -5        | -0.5      | -5        | -2        | 7         | 7         | 1.58    | 2         | 18        | -5        | 47        |
| 3300W 1500N | -5        | -0.5      | -5        | -2        | 5         | 3         | 1.18    | 1         | 13        | -5        | 29        |
| 3300W 1600N | -5        | -0.5      | -5        | 3         | 6         | 21        | 1.45    | 2         | 22        | -5        | 37        |
| 3300W 1700N | 10        | 1.2       | 15        | 3         | 6         | 8         | 1.68    | 1         | 27        | -5        | 39        |
| 3300W 1800N | 18        | -0.5      | -5        | -2        | 5         | 3         | 1.08    | 1         | 11        | -5        | 36        |
| 3300W 1900N | -5        | -0.5      | -5        | -2        | 5         | 4         | 1.29    | 1         | 13        | -5        | 30        |
| 3300W 2000N | 7         | 0.5       | -5        | -2        | 6         | 5         | 1.46    | 3         | 13        | -5        | 50        |
| 3300W 2100N | -5        | -0.5      | -5        | -2        | 5         | 2         | 1.31    | -1        | 11        | 5         | 52        |
| 3300W 2200N | 5         | 0.6       | -5        | -2        | 8         | 5         | 1.56    | -1        | 19        | -5        | 62        |
| 3300W 2300N | -5        | 0.5       | -5        | 2         | 6         | 4         | 1.53    | 1         | 18        | -5        | 58        |
| 3300W 2400N | -5        | -0.5      | -5        | -2        | 6         | 5         | 1.38    | 1         | 13        | 6         | 66        |
| 3300W 2500N | -5        | 1.2       | 14        | -2        | 7         | 4         | 1.66    | -1        | 21        | -5        | 51        |
| 3400W 1500N | 12        | -0.5      | -5        | -2        | 2         | 1         | 0.74    | 2         | -5        | -5        | 20        |
| 3400W 1600N | 22        | -0.5      | -5        | -2        | 6         | 4         | 1.54    | -1        | 18        | -5        | 39        |
| 3400W 1700N | -5        | -0.5      | -5        | -2        | 5         | 4         | 1.33    | 9         | -5        | 6         | 34        |
| 3400W 1800N | -5        | 1.1       | -5        | -2        | 5         | 8         | 1.50    | 4         | -5        | -5        | 42        |
| 3400W 1900N | -5        | 0.5       | -5        | -2        | 6         | 2         | 1.59    | 3         | -5        | -5        | 45        |
| 3400W 2000N | -5        | -0.5      | -5        | -2        | 8         | 5         | 1.74    | 2         | -5        | -5        | 67        |
| 3400W 2100N | 6         | -0.5      | -5        | -2        | 6         | 3         | 1.47    | 2         | -5        | -5        | 51        |
| 3400W 2200N | -5        | -0.5      | -5        | -2        | 7         | 5         | 1.48    | 2         | -5        | -5        | 67        |
| 3400W 2300N | 79        | -0.5      | -5        | -2        | 8         | 4         | 1.83    | -1        | -5        | -5        | 50        |
| 3400W 2400N | -5        | 1.8       | -5        | -2        | 6         | 5         | 1.47    | -1        | -5        | -5        | 68        |
| 3400W 2500N | 5         | 0.5       | 6         | -2        | 6         | 7         | 1.63    | -1        | -5        | 8         | 46        |
| 3500W 1500N | -5        | -0.5      | -5        | -2        | 5         | -1        | 1.37    | -1        | -5        | -5        | 30        |
| 3500W 1600N | -5        | -0.5      | 7         | -2        | 6         | 4         | 1.43    | -1        | -5        | -5        | 48        |
| 3500W 1700N | 9         | 1.0       | -5        | -2        | 3         | 8         | 0.90    | -1        | -5        | 6         | 27        |
| 3500W 1800N | -5        | 0.7       | -5        | -2        | 5         | 11        | 1.32    | 5         | -5        | -5        | 35        |
| 3500W 1900N | 44        | 0.8       | -5        | 6         | 6         | 2         | 1.43    | -1        | -5        | 5         | 33        |
| 3500W 2000N | 7         | -0.5      | -5        | -2        | 6         | 2         | 1.42    | -1        | -5        | 5         | 63        |
| 3500W 2100N | -5        | 0.6       | 6         | -2        | 7         | 4         | 1.58    | -1        | -5        | 7         | 54        |
| 3500W 2200N | 7         | -0.5      | -5        | 2         | 8         | 4         | 1.81    | -1        | -5        | -5        | 46        |
| 3500W 2300N | 81        | -0.5      | 18        | 8         | 9         | 2         | 2.01    | 1         | -5        | 7         | 46        |
| 3500W 2400N | 15        | -0.5      | 23        | -2        | 6         | 2         | 1.55    | 1         | -5        | -5        | 39        |
| 3500W 2500N | 63        | -0.5      | 11        | 10        | 7         | 2         | 1.60    | -1        | -5        | -5        | 55        |

APPENDIX 2

Whiteboul Property VLF Results

D.A. = Dip Angle  
F.F. = Fraser Filter Value

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Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |
|---------------|--------|------|-----------|------|
|               | D.A.   | F.F. | D.A.      | F.F. |
| L1500N        |        |      |           |      |
| 3400W         | 1      |      | -3        |      |
| 3375W         | -1     | 5    | -2        | 0    |
| 3350W         | -3     | -1   | -2        | 1    |
| 3325W         | -2     | -5   | -3        | -2   |
| 3300W         | -1     | -5   | -2        | -4   |
| 3275W         | 1      | 0    | -1        | -4   |
| 3250W         | 1      | 4    | 0         | -4   |
| 3225W         | -1     | 2    | 1         | -2   |
| 3200W         | -1     | 2    | 2         | 2    |
| 3175W         | -1     | 3    | 1         | 3    |
| 3150W         | -3     | -1   | 0         | 3    |
| 3125W         | -2     | -2   | 0         | 4    |
| 3100W         | -1     | 2    | -2        | 1    |
| 3075W         | -2     | 3    | -2        | -1   |
| 3050W         | -3     | 1    | -1        | 0    |
| 3025W         | -3     | -1   | -2        | -1   |
| 3000W         | -3     | -2   | -1        | -1   |
| 2975W         | -2     | -3   | -1        | -1   |
| 2950W         | -2     | -3   | -1        | -3   |
| 2925W         | 0      |      | 0         |      |
| 2900W         | -1     |      | 1         |      |
| L1525N        |        |      |           |      |
| 3400W         | 2      |      | -4        |      |
| 3375W         | 3      | 9    | -3        | -6   |
| 3350W         | 0      | 11   | -1        | -5   |
| 3325W         | -4     | 3    | 0         | -3   |
| 3300W         | -4     | -3   | 1         | -2   |
| 3275W         | -3     | -5   | 1         | -2   |
| 3250W         | -2     | -7   | 2         | 1    |
| 3225W         | 0      | -7   | 2         | 6    |
| 3200W         | 2      | -2   | 0         | 6    |
| 3175W         | 3      | 3    | -2        | 4    |
| 3150W         | 1      | 4    | -2        | 3    |
| 3125W         | 1      | 5    | -4        | -1   |
| 3100W         | -1     | 3    | -3        | -5   |
| 3075W         | -2     | -1   | -2        | -6   |
| 3050W         | -1     | 0    | 0         | -3   |
| 3025W         | -1     | 1    | 1         | 1    |
| 3000W         | -2     | 0    | 0         | 0    |
| 2975W         | -1     | 1    | 0         | -3   |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |     |
|---------------|--------|------|-----------|------|-----|
|               | D.A.   | F.F. | D.A.      | F.F. |     |
| L1550N        | 2950W  | -2   | 2         | 1    | -2  |
|               | 2925W  | -2   |           | 2    |     |
|               | 2900W  | -3   |           | 1    |     |
|               | 3400W  | 5    |           | -4   |     |
|               | 3375W  | 4    | 17        | -2   | -10 |
|               | 3350W  | -1   | 16        | 0    | -9  |
|               | 3325W  | -7   | 3         | 4    | -2  |
|               | 3300W  | -6   | -5        | 3    | 1   |
|               | 3275W  | -5   | -8        | 3    | 2   |
|               | 3250W  | -3   | -9        | 3    | 6   |
|               | 3225W  | 0    | -7        | 1    | 8   |
|               | 3200W  | 1    | -4        | -1   | 7   |
|               | 3175W  | 3    | 3         | -3   | 2   |
|               | 3150W  | 2    | 9         | -4   | -6  |
|               | 3125W  | -1   | 6         | -2   | -7  |
|               | 3100W  | -3   | -1        | 1    | -1  |
|               | 3075W  | -2   | -2        | 0    | 0   |
|               | 3050W  | -1   | 1         | 0    | -3  |
|               | 3025W  | -2   | 1         | 1    | -2  |
|               | 3000W  | -2   | -1        | 2    | 3   |
|               | 2975W  | -2   | -4        | 1    | 6   |
|               | 2950W  | -1   | -5        | -1   | 4   |
|               | 2925W  | 1    |           | -2   |     |
|               | 2900W  | 1    |           | -2   |     |
| L1575N        | 3400W  | -1   |           | -5   |     |
|               | 3375W  | 1    | 6         | -5   | -6  |
|               | 3350W  | -1   | 14        | -3   | -8  |
|               | 3325W  | -5   | 12        | -1   | -6  |
|               | 3300W  | -9   | 2         | 1    | 0   |
|               | 3275W  | -9   | -8        | 1    | 4   |
|               | 3250W  | -7   | -10       | -1   | 2   |
|               | 3225W  | -3   | -6        | -1   | 4   |
|               | 3200W  | -3   | -4        | -1   | 8   |
|               | 3175W  | -1   | -2        | -5   | 4   |
|               | 3150W  | -1   | 4         | -5   | -4  |
|               | 3125W  | -1   | 8         | -5   | -8  |
|               | 3100W  | -5   | 4         | -1   | -6  |
|               | 3075W  | -5   | 0         | -1   | -4  |
|               | 3050W  | -5   | 0         | 1    | -1  |
|               | 3025W  | -5   | 0         | 1    | 3   |
|               | 3000W  | -5   | -2        | 0    | 5   |
|               | 2975W  | -5   | -2        | -1   | 5   |
|               | 2950W  | -3   | 0         | -3   | 2   |
|               | 2925W  | -5   |           | -3   |     |
|               | 2900W  | -3   |           | -3   |     |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |
|---------------|--------|------|-----------|------|
|               | D.A.   | F.F. | D.A.      | F.F. |
| L1600N        | 3300W  | -5   | -1        |      |
|               | 3275W  | -7   | 2         | -2   |
|               | 3250W  | -9   | -6        | 2    |
|               | 3225W  | -5   | -6        | 6    |
|               | 3200W  | -5   | -4        | 6    |
|               | 3175W  | -3   | -4        | 4    |
|               | 3150W  | -3   | -2        | 0    |
|               | 3125W  | -1   | 6         | -8   |
|               | 3100W  | -3   | 8         | -6   |
|               | 3075W  | -7   | 0         | 0    |
|               | 3050W  | -5   | -2        | 0    |
|               | 3025W  | -5   | -2        | 4    |
|               | 3000W  | -5   | -4        | 6    |
|               | 2975W  | -3   | -2        | 2    |
|               | 2950W  | -3   | 2         | -3   |
|               | 2925W  | -3   |           | -3   |
| 2900W         | -5     |      | 0         |      |
| L1625N        | 3300W  | -3   | -3        |      |
|               | 3275W  | -5   | 2         | -4   |
|               | 3250W  | -5   | 0         | -2   |
|               | 3225W  | -5   | 0         | 0    |
|               | 3200W  | -5   | 0         | -2   |
|               | 3175W  | -5   | 0         | -4   |
|               | 3150W  | -5   | 0         | 0    |
|               | 3125W  | -5   | 0         | 4    |
|               | 3100W  | -5   | -2        | 2    |
|               | 3075W  | -5   | -4        | 2    |
|               | 3050W  | -3   | -2        | 4    |
|               | 3025W  | -3   | 0         | 2    |
|               | 3000W  | -3   | 0         | 2    |
|               | 2975W  | -3   | 0         | 4    |
|               | 2950W  | -3   | 0         | 0    |
|               | 2925W  | -3   |           | -5   |
| 2900W         | -3     |      | -3        |      |
| L1650N        | 3300W  | -3   | -5        |      |
|               | 3275W  | -3   | 4         | -6   |
|               | 3250W  | -3   | 10        | -8   |
|               | 3225W  | -7   | 6         | -4   |
|               | 3200W  | -9   | -4        | 4    |
|               | 3175W  | -7   | -8        | 4    |
|               | 3150W  | -5   | -6        | 0    |
|               | 3125W  | -3   | -2        | 2    |
|               | 3100W  | -3   | 0         | 4    |
|               | 3075W  | -3   | 2         | 2    |
|               | 3050W  | -3   | 2         | -2   |
|               | 3025W  | -5   | -2        | 0    |



Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |     |
|---------------|--------|------|-----------|------|-----|
|               | D.A.   | F.F. | D.A.      | F.F. |     |
| L1650N        | 3000W  | -3   | -2        | -3   | 2   |
|               | 2975W  | -3   | 2         | -5   | -2  |
|               | 2950W  | -3   | 4         | -3   | -2  |
|               | 2925W  | -5   |           | -3   |     |
|               | 2900W  | -5   |           | -3   |     |
| L1675N        | 3300W  | -3   |           | -9   |     |
|               | 3275W  | -1   | -2        | -7   | -4  |
|               | 3250W  | -1   | 2         | -7   | -4  |
|               | 3225W  | -1   | 8         | -5   | -8  |
|               | 3200W  | -3   | 12        | -5   | -10 |
|               | 3175W  | -7   | 6         | 1    | -2  |
|               | 3150W  | -9   | -4        | -1   | 4   |
|               | 3125W  | -7   | -4        | -1   | 2   |
|               | 3100W  | -5   | 0         | -3   | 0   |
|               | 3075W  | -7   | -2        | -1   | 4   |
|               | 3050W  | -5   | -2        | -3   | 4   |
|               | 3025W  | -5   | 0         | -5   | 0   |
|               | 3000W  | -5   | 0         | -3   | 2   |
|               | 2975W  | -5   | -2        | -5   | 2   |
|               | 2950W  | -5   | -4        | -5   | 0   |
|               | 2925W  | -3   |           | -5   |     |
| 2900W         | -3     |      | -5        |      |     |
| L1700N        | 3300W  | -5   |           | -7   |     |
|               | 3275W  | -3   | -4        | -7   | 2   |
|               | 3250W  | -3   | -2        | -7   | 4   |
|               | 3225W  | -1   | 0         | -9   | 0   |
|               | 3200W  | -3   | 2         | -9   | -10 |
|               | 3175W  | -1   | 8         | -7   | -12 |
|               | 3150W  | -5   | 8         | -1   | -4  |
|               | 3125W  | -7   | 2         | -3   | -2  |
|               | 3100W  | -7   | 0         | -1   | -2  |
|               | 3075W  | -7   | -2        | -1   | 4   |
|               | 3050W  | -7   | -6        | -1   | 8   |
|               | 3025W  | -5   | -6        | -5   | 8   |
|               | 3000W  | -3   | 0         | -5   | 6   |
|               | 2975W  | -3   | 4         | -9   | 0   |
|               | 2950W  | -5   | 2         | -7   | -2  |
|               | 2925W  | -5   |           | -7   |     |
| 2900W         | -5     |      | -7        |      |     |
| L1725N        | 3300W  | -3   |           | -9   |     |
|               | 3275W  | -5   | 2         | -7   | -4  |
|               | 3250W  | -5   | -4        | -7   | -2  |
|               | 3225W  | -5   | -8        | -5   | 2   |
|               | 3175W  | -1   | 2         | -7   | -6  |

Transmitting Station

| Grid Location |        | Hawaii |      | Annapolis |      |
|---------------|--------|--------|------|-----------|------|
|               |        | D.A.   | F.F. | D.A.      | F.F. |
| L1725N        | 3150W  | -1     | 6    | -5        | -6   |
|               | 3125W  | -3     | 8    | -3        | -2   |
|               | 3100W  | -5     | 4    | -3        | 0    |
|               | 3075W  | -7     | -2   | -3        | 0    |
|               | 3050W  | -5     | -2   | -3        | 0    |
|               | 3025W  | -5     | -2   | -3        | 2    |
|               | 3000W  | -5     | -4   | -3        | 4    |
|               | 2975W  | -3     | -2   | -5        | 2    |
|               | 2950W  | -3     | 2    | -5        | 2    |
|               | 2925W  | -3     |      | -5        |      |
|               | 2900W  | -5     |      | -7        |      |
|               | L1750N | 3300W  | -3   |           | -7   |
| 3275W         |        | -3     | 0    | -7        | -2   |
| 3250W         |        | -3     | 0    | -7        | -4   |
| 3225W         |        | -3     | -2   | -5        | -2   |
| 3200W         |        | -3     | -2   | -5        | 0    |
| 3175W         |        | -1     | 0    | -5        | -2   |
| 3150W         |        | -3     | -2   | -5        | 0    |
| 3125W         |        | -1     | -2   | -3        | 4    |
| 3100W         |        | -1     | 4    | -7        | -2   |
| 3075W         |        | -1     | 8    | -5        | -6   |
| 3050W         |        | -5     | 2    | -3        | 0    |
| 3025W         |        | -5     | -4   | -3        | 6    |
| 3000W         |        | -3     | -4   | -5        | 6    |
| 2975W         |        | -3     | -2   | -7        | 2    |
| 2950W         |        | -1     | 2    | -7        | 0    |
| 2925W         |        | -3     |      | -7        |      |
| 2900W         | -3     |        | -7   |           |      |
| L1775N        | 3300W  | -5     |      | -5        |      |
|               | 3275W  | -5     | -4   | -5        | 2    |
|               | 3250W  | -3     | 0    | -7        | -2   |
|               | 3225W  | -3     | 4    | -5        | -2   |
|               | 3200W  | -5     | 0    | -5        | 0    |
|               | 3175W  | -5     | -6   | -5        | 2    |
|               | 3150W  | -3     | -6   | -5        | 2    |
|               | 3125W  | -1     | -4   | -7        | 0    |
|               | 3100W  | -1     | -6   | -5        | 4    |
|               | 3075W  | 1      | -4   | -7        | 4    |
|               | 3050W  | 3      | 8    | -9        | -4   |
|               | 3025W  | 1      | 14   | -7        | -6   |
|               | 3000W  | -5     | 4    | -5        | -2   |
|               | 2975W  | -5     | -4   | -5        | 0    |
|               | 2950W  | -3     | -2   | -5        | 2    |
|               | 2925W  | -3     |      | -5        |      |
| 2900W         | -3     |        | -7   |           |      |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |
|---------------|--------|------|-----------|------|
|               | D.A.   | F.F. | D.A.      | F.F. |
| L1800N        | 3300W  | -7   | -5        |      |
|               | 3275W  | -5   | -2        | 2    |
|               | 3250W  | -7   | -4        | -4   |
|               | 3225W  | -3   | 0         | -6   |
|               | 3200W  | -5   | 2         | 0    |
|               | 3175W  | -5   | -4        | 4    |
|               | 3150W  | -5   | -8        | 2    |
|               | 3125W  | -1   | -6        | 0    |
|               | 3100W  | -1   | -6        | 2    |
|               | 3075W  | 1    | -6        | 4    |
|               | 3050W  | 3    | 0         | 2    |
|               | 3025W  | 3    | 6         | 0    |
|               | 3000W  | 1    | 6         | 0    |
|               | 2975W  | -1   | 0         | -2   |
|               | 2950W  | -1   | -4        | -2   |
|               | 2925W  | 1    |           | -5   |
|               | 2900W  | 1    |           | -7   |
| L1825N        | 3300W  | -3   | 0         |      |
|               | 3275W  | -4   | 0         | 0    |
|               | 3250W  | -4   | -2        | 0    |
|               | 3225W  | -3   | -2        | -1   |
|               | 3200W  | -3   | -2        | 1    |
|               | 3175W  | -2   | -1        | 2    |
|               | 3150W  | -2   | -2        | 4    |
|               | 3125W  | -2   | -6        | 6    |
|               | 3100W  | 0    | -7        | 5    |
|               | 3075W  | 2    | -5        | 3    |
|               | 3050W  | 3    | -3        | 2    |
|               | 3025W  | 4    | 0         | 3    |
|               | 3000W  | 4    | 4         | 2    |
|               | 2975W  | 3    | 5         | -1   |
|               | 2950W  | 1    | 2         | -2   |
|               | 2925W  | 1    |           | -5   |
|               | 2900W  | 1    |           | -4   |
| L1850N        | 3300W  | -2   | -1        |      |
|               | 3275W  | -4   | 4         | -5   |
|               | 3250W  | -5   | 0         | 0    |
|               | 3225W  | -5   | -2        | 2    |
|               | 3200W  | -4   | -2        | 2    |
|               | 3175W  | -4   | -3        | 3    |
|               | 3150W  | -3   | -5        | 4    |
|               | 3125W  | -2   | -7        | 5    |
|               | 3100W  | 0    | -7        | 6    |
|               | 3075W  | 2    | -5        | 5    |
|               | 3050W  | 3    | -2        | 3    |
|               | 3025W  | 4    | 2         | 1    |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |
|---------------|--------|------|-----------|------|
|               | D.A.   | F.F. | D.A.      | F.F. |
| L1850N        |        |      |           |      |
| 3000W         | 3      | 3    | -5        | 1    |
| 2975W         | 2      | 0    | -5        | 2    |
| 2950W         | 2      | 0    | -6        | -1   |
| 2925W         | 3      | 3    | -6        | -5   |
| 2900W         | 1      | 2    | -4        | -4   |
| 2875W         | 1      | -1   | -3        | 0    |
| 2850W         | 1      | 0    | -3        | 2    |
| 2825W         | 2      | 3    | -4        | 0    |
| 2800W         | 0      | 3    | -4        | -3   |
| 2775W         | 0      | 3    | -3        | -4   |
| 2750W         | -1     | 2    | -2        | -1   |
| 2725W         | -2     | -3   | -1        | 5    |
| 2700W         | -1     | -4   | -3        | 4    |
| 2675W         | 1      | -4   | -5        | -1   |
| 2650W         | 0      | -7   | -3        | -1   |
| 2625W         | 4      | -1   | -4        | -3   |
| 2600W         | 4      | 5    | -3        | -2   |
| 2575W         | 1      | 1    | -1        | 5    |
| 2550W         | 2      | 0    | -4        | 4    |
| 2525W         | 2      |      | -5        |      |
| 2500W         | 1      |      | -4        |      |
| L1875N        |        |      |           |      |
| 3300W         | -3     |      | -3        |      |
| 3275W         | -7     | 10   | -1        | -8   |
| 3250W         | -9     | 4    | 1         | -4   |
| 3225W         | -11    | -2   | 3         | 4    |
| 3200W         | -9     | -2   | 1         | 6    |
| 3175W         | -9     | -2   | -1        | 2    |
| 3150W         | -9     | -4   | -1        | 0    |
| 3125W         | -7     | -4   | -1        | 2    |
| 3100W         | -7     | -4   | -1        | 6    |
| 3075W         | -5     | -2   | -3        | 6    |
| 3050W         | -5     | -2   | -5        | 4    |
| 3025W         | -5     | -4   | -5        | 4    |
| 3000W         | -3     | -2   | -7        | 4    |
| 2975W         | -3     | 0    | -7        | 2    |
| 2950W         | -3     | 0    | -9        | 0    |
| 2925W         | -3     | -2   | -7        | 0    |
| 2900W         | -3     | -6   | -9        | 0    |
| 2875W         | -1     | -6   | -7        | 0    |
| 2850W         | 1      | 0    | -9        | -2   |
| 2825W         | 1      | 4    | -7        | -4   |
| 2800W         | -1     | 6    | -7        | -6   |
| 2775W         | -1     | 8    | -5        | -6   |
| 2750W         | -5     | 2    | -3        | 0    |
| 2725W         | -5     | -6   | -3        | 4    |
| 2700W         | -3     | -6   | -5        | 2    |
| 2675W         | -1     | 0    | -5        | 0    |

Transmitting Station

| Grid Location |       | Hawaii |      | Annapolis |      |
|---------------|-------|--------|------|-----------|------|
|               |       | D.A.   | F.F. | D.A.      | F.F. |
| L1875N        | 2650W | -1     | 0    | -5        | 0    |
|               | 2625W | -3     | -8   | -5        | 4    |
|               | 2600W | 1      | -6   | -5        | 6    |
|               | 2575W | 3      | 2    | -9        | 0    |
|               | 2550W | 1      | 2    | -7        | -2   |
|               | 2525W | 1      |      | -7        |      |
|               | 2500W | 1      |      | -7        |      |
| L1900N        | 3300W | -3     |      | -5        |      |
|               | 3275W | -3     | 8    | -7        | -6   |
|               | 3250W | -5     | 12   | -3        | -4   |
|               | 3225W | -9     | 8    | -3        | -2   |
|               | 3200W | -11    | 2    | -3        | -4   |
|               | 3175W | -11    | -2   | -1        | -2   |
|               | 3150W | -11    | -4   | -1        | 0    |
|               | 3125W | -9     | -4   | -1        | 0    |
|               | 3100W | -9     | -4   | -1        | 2    |
|               | 3075W | -7     | -4   | -1        | 6    |
|               | 3050W | -7     | -2   | -3        | 6    |
|               | 3025W | -5     | 0    | -5        | 0    |
|               | 3000W | -7     | -2   | -5        | 0    |
|               | 2975W | -5     | 0    | -3        | 4    |
|               | 2950W | -5     | 4    | -7        | 0    |
|               | 2925W | -7     | 0    | -5        | 0    |
|               | 2900W | -7     | -6   | -5        | 2    |
|               | 2875W | -5     | -8   | -7        | -2   |
|               | 2850W | -3     | -4   | -5        | 0    |
|               | 2825W | -1     | 2    | -5        | 2    |
|               | 2800W | -3     | 4    | -7        | -6   |
|               | 2775W | -3     | 8    | -5        | -10  |
|               | 2750W | -5     | 10   | -1        | -4   |
|               | 2725W | -9     | -2   | -1        | 2    |
|               | 2700W | -9     | -12  | -1        | 6    |
|               | 2675W | -3     | -8   | -3        | 8    |
|               | 2650W | -3     | -4   | -5        | 6    |
| 2625W         | -1    | -2     | -7   | 2         |      |
| 2600W         | -1    | 0      | -7   | 0         |      |
| 2575W         | -1    | 2      | -7   | 0         |      |
| 2550W         | -1    | 2      | -7   | 0         |      |
| 2525W         | -3    |        | -7   |           |      |
| 2500W         | -1    |        | -7   |           |      |
| L1925N        | 3300W | 0      |      | -3        |      |
|               | 3275W | 1      | 3    | -4        | 0    |
|               | 3250W | 0      | 8    | -3        | -1   |
|               | 3225W | -2     | 7    | -4        | -4   |
|               | 3200W | -5     | 3    | -2        | -6   |
| 3175W         | -4    | 0      | -1   | -4        |      |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |
|---------------|--------|------|-----------|------|
|               | D.A.   | F.F. | D.A.      | F.F. |
| L1925N        |        |      |           |      |
| 3150W         | -6     | -4   | 1         | 2    |
| 3125W         | -3     | -4   | 0         | 5    |
| 3100W         | -3     | -2   | -2        | 1    |
| 3075W         | -2     | -1   | -2        | -2   |
| 3050W         | -2     | -2   | -1        | 0    |
| 3025W         | -2     | -4   | -1        | 2    |
| 3000W         | 0      | 1    | -2        | 1    |
| 2975W         | 0      | 5    | -2        | 1    |
| 2950W         | -3     | 4    | -2        | -1   |
| 2925W         | -2     | 4    | -3        | -5   |
| 2900W         | -5     | 0    | 0         | -1   |
| 2875W         | -4     | -5   | 0         | 5    |
| 2850W         | -3     | -6   | -2        | 5    |
| 2825W         | -1     | -6   | -3        | 3    |
| 2800W         | 0      | -5   | -4        | 0    |
| 2775W         | 2      | 0    | -4        | -3   |
| 2750W         | 2      | 7    | -3        | -4   |
| 2725W         | 0      | 7    | -2        | -1   |
| 2700W         | -3     | 0    | -1        | 3    |
| 2675W         | -2     | -4   | -3        | 1    |
| 2650W         | -1     | -4   | -3        | -2   |
| 2625W         | 0      | -5   | -2        | 0    |
| 2600W         | 1      | -6   | -2        | 3    |
| 2575W         | 3      | -2   | -3        | 3    |
| 2550W         | 4      | 3    | -4        | 2    |
| 2525W         | 2      |      | -4        |      |
| 2500W         | 2      |      | -5        |      |
| L1950N        |        |      |           |      |
| 3300W         | -2     |      | -5        |      |
| 3275W         | -1     | 1    | -4        | -6   |
| 3250W         | 0      | 9    | -2        | -5   |
| 3225W         | -4     | 9    | -1        | -3   |
| 3200W         | -6     | 4    | 0         | -2   |
| 3175W         | -7     | -1   | 0         | -1   |
| 3150W         | -7     | -4   | 1         | -1   |
| 3125W         | -5     | -3   | 0         | -1   |
| 3100W         | -5     | -3   | 2         | 3    |
| 3075W         | -4     | -3   | 0         | 6    |
| 3050W         | -3     | -3   | -1        | 5    |
| 3025W         | -3     | -3   | -3        | 3    |
| 3000W         | -1     | 1    | -3        | 1    |
| 2975W         | -2     | 3    | -4        | -2   |
| 2950W         | -3     | 1    | -3        | -5   |
| 2925W         | -3     | 4    | -2        | -6   |
| 2900W         | -3     | 7    | 0         | -3   |
| 2875W         | -7     | 0    | 1         | 2    |
| 2850W         | -6     | -7   | 0         | 5    |
| 2825W         | -4     | -8   | -1        | 5    |

Transmitting Station

| Grid Location |        | Hawaii |      | Annapolis |      |
|---------------|--------|--------|------|-----------|------|
|               |        | D.A.   | F.F. | D.A.      | F.F. |
| L1950N        | 2800W  | -2     | -7   | -3        | 2    |
|               | 2775W  | 0      | -3   | -3        | 1    |
|               | 2750W  | 1      | 3    | -3        | 0    |
|               | 2725W  | 0      | 6    | -4        | -3   |
|               | 2700W  | -2     | 3    | -2        | -2   |
|               | 2675W  | -3     | -3   | -2        | 1    |
|               | 2650W  | -2     | -6   | -2        | 3    |
|               | 2625W  | 0      | -5   | -3        | 5    |
|               | 2600W  | 1      | -2   | -4        | 4    |
|               | 2575W  | 2      | 2    | -6        | -1   |
|               | 2550W  | 1      | 1    | -5        | -1   |
|               | 2525W  | 0      |      | -4        |      |
|               | 2500W  | 2      |      | -6        |      |
|               | L1975N | 3300W  | 0    |           | -1   |
| 3275W         |        | -1     | 4    | 1         | 1    |
| 3250W         |        | -2     | 4    | -1        | -1   |
| 3225W         |        | -3     | 5    | 0         | -4   |
| 3200W         |        | -4     | 4    | 1         | -4   |
| 3175W         |        | -6     | 0    | 2         | -3   |
| 3150W         |        | -5     | -1   | 3         | 1    |
| 3125W         |        | -5     | -2   | 3         | 3    |
| 3100W         |        | -5     | -4   | 1         | 2    |
| 3075W         |        | -3     | -3   | 2         | 4    |
| 3050W         |        | -3     | -3   | 0         | 4    |
| 3025W         |        | -2     | -6   | -1        | 3    |
| 3000W         |        | -1     | -7   | -1        | 5    |
| 2975W         |        | 2      | -2   | -3        | 3    |
| 2950W         |        | 2      | 2    | -4        | -2   |
| 2925W         |        | 1      | 2    | -3        | -3   |
| 2900W         |        | 1      | 3    | -2        | -1   |
| 2875W         |        | 0      | 4    | -2        | -1   |
| 2850W         |        | -1     | 4    | -2        | -2   |
| 2825W         |        | -2     | -1   | -1        | 0    |
| 2800W         |        | -3     | -7   | -1        | 3    |
| 2775W         |        | 1      | -3   | -2        | 2    |
| 2750W         |        | 1      | 4    | -3        | -2   |
| 2725W         |        | 0      | 5    | -2        | -4   |
| 2700W         |        | -2     | 2    | -1        | -2   |
| 2675W         |        | -2     | -1   | 0         | 0    |
| 2650W         |        | -2     | -4   | -1        | -1   |
| 2625W         |        | -1     | -6   | 0         | 1    |
| 2600W         |        | 1      | -5   | 0         | 6    |
| 2575W         |        | 2      | -1   | -2        | 7    |
| 2550W         |        | 3      | 3    | -4        | 5    |
| 2525W         |        | 1      |      | -5        |      |
| 2500W         | 1      |        | -6   |           |      |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |
|---------------|--------|------|-----------|------|
|               | D.A.   | F.F. | D.A.      | F.F. |
| L2000N        |        |      |           |      |
| 3300W         | -6     |      | -2        |      |
| 3275W         | -5     | -2   | -1        | 4    |
| 3250W         | -4     | 1    | -3        | 5    |
| 3225W         | -5     | 2    | -4        | 1    |
| 3200W         | -5     | 3    | -5        | -8   |
| 3175W         | -6     | 5    | -3        | -15  |
| 3150W         | -7     | 5    | 2         | -10  |
| 3125W         | -9     | -2   | 5         | 2    |
| 3100W         | -9     | -6   | 4         | 11   |
| 3075W         | -5     | -1   | 1         | 11   |
| 3050W         | -7     | 1    | -3        | 5    |
| 3025W         | -6     | 0    | -3        | 3    |
| 3000W         | -7     | -2   | -4        | 5    |
| 2975W         | -6     | -10  | -5        | 4    |
| 2950W         | -5     | -16  | -7        | 1    |
| 2925W         | 2      | -4   | -6        | 0    |
| 2900W         | 3      | 7    | -7        | 0    |
| 2875W         | -2     | 6    | -6        | -2   |
| 2850W         | 0      | 9    | -7        | -4   |
| 2825W         | -5     | 6    | -4        | -1   |
| 2800W         | -6     | -2   | -5        | 0    |
| 2775W         | -5     | -4   | -5        | -1   |
| 2750W         | -4     | -3   | -4        | 0    |
| 2725W         | -3     | 1    | -5        | -7   |
| 2700W         | -3     | 6    | -4        | -14  |
| 2675W         | -5     | 4    | 2         | -5   |
| 2650W         | -7     | -1   | 3         | 7    |
| 2625W         | -5     | -2   | 0         | 2    |
| 2600W         | -6     | -4   | -2        | 1    |
| 2575W         | -4     | -3   | 3         | 12   |
| 2550W         | -3     | 2    | -6        | 9    |
| 2525W         | -4     |      | -5        |      |
| 2500W         | -5     |      | -7        |      |
| L2025N        |        |      |           |      |
| 3300W         | -7     |      | 4         |      |
| 3275W         | -6     | -1   | -2        | 12   |
| 3250W         | -5     | 3    | -5        | 4    |
| 3225W         | -7     | 0    | -5        | 0    |
| 3200W         | -7     | -3   | -6        | -4   |
| 3175W         | -5     | 1    | -4        | -3   |
| 3150W         | -6     | 0    | -3        | 0    |
| 3125W         | -7     | -5   | -4        | 1    |
| 3100W         | -4     | -4   | -3        | 3    |
| 3075W         | -4     | 0    | -5        | 3    |
| 3050W         | -3     | 2    | -5        | 1    |
| 3025W         | -5     | -1   | -6        | -2   |
| 3000W         | -4     | -1   | -5        | -2   |
| 2975W         | -3     | 2    | -4        | 3    |



Transmitting Station

| Grid Location |       | Hawaii |      | Annapolis |      |
|---------------|-------|--------|------|-----------|------|
|               |       | D.A.   | F.F. | D.A.      | F.F. |
| L2025N        | 2950W | -5     | -1   | -5        | 3    |
|               | 2925W | -4     | -1   | -7        | -1   |
|               | 2900W | -3     | 4    | -5        | -3   |
|               | 2875W | -5     | 3    | -6        | -4   |
|               | 2850W | -6     | 0    | -3        | -2   |
|               | 2825W | -5     | 0    | -4        | -2   |
|               | 2800W | -6     | -3   | -3        | -2   |
|               | 2775W | -5     | -4   | -2        | 3    |
|               | 2750W | -3     | 1    | -3        | -2   |
|               | 2725W | -4     | 5    | -5        | -13  |
|               | 2700W | -5     | 7    | 2         | -11  |
|               | 2675W | -7     | 4    | 3         | -6   |
|               | 2650W | -9     | -1   | 5         | -3   |
|               | 2625W | -7     | -2   | 6         | 0    |
|               | 2600W | -8     | -4   | 5         | 2    |
|               | 2575W | -6     | -5   | 6         | 6    |
|               | 2550W | -5     | -2   | 3         | 11   |
|               | 2525W | -4     |      | 2         |      |
|               | 2500W | -5     |      | -4        |      |
| L2050N        | 3300W | -6     |      | 2         |      |
|               | 3275W | -5     | 2    | -5        | 7    |
|               | 3250W | -6     | 3    | -5        | -1   |
|               | 3225W | -7     | 0    | -5        | -3   |
|               | 3200W | -7     | -4   | -4        | -1   |
|               | 3175W | -6     | -6   | -3        | 2    |
|               | 3150W | -4     | -1   | -5        | 0    |
|               | 3125W | -3     | 4    | -4        | 1    |
|               | 3100W | -6     | -3   | -4        | 5    |
|               | 3075W | -5     | -6   | -6        | 3    |
|               | 3050W | -1     | 1    | -7        | -2   |
|               | 3025W | -4     | 3    | -6        | -2   |
|               | 3000W | -3     | 2    | -5        | 2    |
|               | 2975W | -5     | -1   | -6        | 2    |
|               | 2950W | -4     | -1   | -7        | -2   |
|               | 2925W | -3     | 2    | -6        | -5   |
|               | 2900W | -5     | 2    | -5        | -4   |
|               | 2875W | -4     | 1    | -3        | -2   |
|               | 2850W | -6     | -1   | -4        | -2   |
|               | 2825W | -4     | -1   | -2        | 2    |
|               | 2800W | -5     | 0    | -3        | 4    |
|               | 2775W | -4     | -1   | -5        | -1   |
|               | 2750W | -5     | -3   | -4        | -9   |
|               | 2725W | -3     | -1   | -3        | -12  |
|               | 2700W | -3     | 2    | 3         | -6   |
| 2675W         | -4    | 3      | 2    | -2        |      |
| 2650W         | -4    | 3      | 4    | -2        |      |
| 2625W         | -6    | 0      | 3    | -2        |      |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |    |
|---------------|--------|------|-----------|------|----|
|               | D.A.   | F.F. | D.A.      | F.F. |    |
| L2050N        | 2600W  | -5   | 0         | 5    | 1  |
|               | 2575W  | -5   | 4         | 4    | 8  |
|               | 2550W  | -6   | 3         | 3    | 12 |
|               | 2525W  | -8   |           | -2   |    |
|               | 2500W  | -6   |           | -3   |    |
| L2075N        | 3300W  | -5   |           | -1   |    |
|               | 3275W  | -7   | 0         | -3   | 6  |
|               | 3250W  | -7   | -4        | -5   | 2  |
|               | 3225W  | -5   | -2        | -5   | 0  |
|               | 3200W  | -5   | -2        | -5   | 2  |
|               | 3175W  | -5   | -2        | -5   | 4  |
|               | 3150W  | -3   | 0         | -7   | -2 |
|               | 3125W  | -5   | 0         | -7   | -6 |
|               | 3100W  | -3   | 2         | -3   | 0  |
|               | 3075W  | -5   | 2         | -5   | 2  |
|               | 3050W  | -5   | 0         | -5   | -2 |
|               | 3025W  | -5   | 0         | -5   | -4 |
|               | 3000W  | -5   | 0         | -3   | 0  |
|               | 2975W  | -5   | 0         | -3   | 4  |
|               | 2950W  | -5   | 0         | -5   | 2  |
|               | 2925W  | -5   | 0         | -5   | -2 |
|               | 2900W  | -5   | -2        | -5   | -4 |
|               | 2875W  | -5   | -2        | -3   | 0  |
|               | 2850W  | -3   | 2         | -3   | 2  |
|               | 2825W  | -5   | 2         | -5   | 0  |
|               | 2800W  | -5   | 0         | -3   | 2  |
|               | 2775W  | -5   | -2        | -5   | 0  |
|               | 2750W  | -5   | -4        | -5   | -4 |
|               | 2725W  | -3   | -2        | -3   | 0  |
|               | 2700W  | -3   | 2         | -3   | 2  |
|               | 2675W  | -3   | 4         | -5   | -2 |
|               | 2650W  | -5   | 2         | -3   | -2 |
| 2625W         | -5     | 2    | -3        | 0    |    |
| 2600W         | -5     | 4    | -3        | 0    |    |
| 2575W         | -7     | 2    | -3        | 0    |    |
| 2550W         | -7     | 2    | -3        | -2   |    |
| 2525W         | -7     |      | -3        |      |    |
| 2500W         | -9     |      | -1        |      |    |
| L2100N        | 3300W  | -5   |           | -1   |    |
|               | 3275W  | -7   | 0         | -1   | 6  |
|               | 3250W  | -7   | -4        | -3   | 8  |
|               | 3225W  | -5   | -2        | -5   | 4  |
|               | 3200W  | -5   | 0         | -7   | -2 |
|               | 3175W  | -5   | -2        | -5   | -2 |
|               | 3150W  | -5   | -6        | -5   | 0  |
| 3125W         | -3     | -4   | -5        | 2    |    |

Transmitting Station

| Grid Location |       | Hawaii |      | Annapolis |      |
|---------------|-------|--------|------|-----------|------|
|               |       | D.A.   | F.F. | D.A.      | F.F. |
| L2100N        | 3100W | -1     | 2    | -5        | 2    |
|               | 3075W | -3     | 4    | -7        | -4   |
|               | 3050W | -3     | 4    | -5        | -4   |
|               | 3025W | -5     | 2    | -3        | 2    |
|               | 3000W | -5     | 0    | -5        | 2    |
|               | 2975W | -5     | 0    | -5        | -2   |
|               | 2950W | -5     | -2   | -5        | -4   |
|               | 2925W | -5     | -2   | -3        | -2   |
|               | 2900W | -3     | 2    | -3        | 0    |
|               | 2875W | -5     | 2    | -3        | -2   |
|               | 2850W | -5     | 0    | -3        | -4   |
|               | 2825W | -5     | 0    | -1        | -3   |
|               | 2800W | -5     | 2    | -1        | -5   |
|               | 2775W | -5     | 4    | 0         | -7   |
|               | 2750W | -7     | 0    | 3         | -1   |
|               | 2725W | -7     | -4   | 3         | 6    |
|               | 2700W | -5     | -4   | 1         | 4    |
|               | 2675W | -5     | -2   | -1        | -2   |
|               | 2650W | -3     | 2    | 1         | -4   |
|               | 2625W | -5     | 2    | 1         | -2   |
| 2600W         | -5    | 4      | 3    | 0         |      |
| 2575W         | -5    | 6      | 1    | -2        |      |
| 2550W         | -9    | 0      | 3    | 1         |      |
| 2525W         | -7    |        | 3    |           |      |
| 2500W         | -7    |        | 0    |           |      |
| L2125N        | 3300W | -5     |      | -3        |      |
|               | 3275W | -7     | 3    | -2        | -4   |
|               | 3250W | -9     | -5   | -3        | -4   |
|               | 3225W | -6     | -5   | 2         | 6    |
|               | 3200W | -5     | 0    | -3        | 8    |
|               | 3175W | -5     | 0    | -4        | 3    |
|               | 3150W | -6     | -2   | -5        | 0    |
|               | 3125W | -4     | -3   | -5        | -2   |
|               | 3100W | -5     | -4   | -4        | 0    |
|               | 3075W | -2     | 1    | -4        | 1    |
|               | 3050W | -3     | 5    | -5        | -1   |
|               | 3025W | -5     | 3    | -4        | 0    |
|               | 3000W | -5     | 1    | -4        | 3    |
|               | 2975W | -6     | -2   | -5        | 0    |
|               | 2950W | -5     | -4   | -6        | -6   |
|               | 2925W | -4     | -1   | -3        | -4   |
|               | 2900W | -3     | 4    | -2        | -3   |
|               | 2875W | -5     | 2    | -3        | -9   |
|               | 2850W | -6     | 0    | 1         | -8   |
|               | 2825W | -4     | 5    | 3         | -4   |
| 2800W         | -7    | 4      | 3    | -5        |      |
| 2775W         | -8    | 1      | 5    | -3        |      |

Transmitting Station

| Grid Location | Hawaii |       | Annapolis |      |     |
|---------------|--------|-------|-----------|------|-----|
|               | D.A.   | F.F.  | D.A.      | F.F. |     |
| L2125N        | 2750W  | -7    | 1         | 6    | 2   |
|               | 2725W  | -9    | -3        | 5    | 2   |
|               | 2700W  | -7    | -3        | 4    | 0   |
|               | 2675W  | -6    | 0         | 5    | -1  |
|               | 2650W  | -7    | -2        | 4    | 0   |
|               | 2625W  | -6    | -1        | 6    | 3   |
|               | 2600W  | -5    | 2         | 3    | 1   |
|               | 2575W  | -7    | 1         | 4    | 0   |
|               | 2550W  | -6    | 3         | 4    | -1  |
|               | 2525W  | -7    |           | 3    |     |
|               | 2500W  | -9    |           | 6    |     |
|               | L2150N | 3300W | -9        |      | -2  |
| 3275W         |        | -7    | -3        | -3   | -6  |
| 3250W         |        | -6    | 2         | 4    | 8   |
| 3225W         |        | -7    | 1         | -3   | 7   |
| 3200W         |        | -8    | -3        | -4   | -9  |
| 3175W         |        | -6    | 0         | -2   | -13 |
| 3150W         |        | -6    | 2         | 4    | -3  |
| 3125W         |        | -8    | -3        | 3    | 9   |
| 3100W         |        | -6    | -5        | 2    | 14  |
| 3075W         |        | -5    | -4        | -4   | 8   |
| 3050W         |        | -4    | 0         | -5   | 0   |
| 3025W         |        | -3    | 3         | -5   | -3  |
| 3000W         |        | -6    | 2         | -4   | -2  |
| 2975W         |        | -4    | 3         | -3   | 2   |
| 2950W         |        | -7    | 0         | -4   | 1   |
| 2925W         |        | -6    | -1        | -5   | -2  |
| 2900W         |        | -5    | 1         | -3   | 0   |
| 2875W         |        | -7    | -1        | -4   | 0   |
| 2850W         |        | -5    | -1        | -4   | 0   |
| 2825W         |        | -6    |           | -3   |     |
| 2800W         | -5     |       | -5        |      |     |
| L2175N        | 3300W  | -11   |           | -1   |     |
|               | 3275W  | -9    | -6        | -1   | 0   |
|               | 3250W  | -7    | -2        | -1   | -2  |
|               | 3225W  | -7    | 0         | -1   | -3  |
|               | 3200W  | -7    | 0         | 1    | -1  |
|               | 3175W  | -7    | 2         | 0    | -1  |
|               | 3150W  | -7    | 2         | 1    | 1   |
|               | 3125W  | -9    | -4        | 1    | 8   |
|               | 3100W  | -7    | -10       | -1   | 10  |
|               | 3075W  | -5    | -10       | -5   | 4   |
|               | 3050W  | -1    | -4        | -5   | 2   |
|               | 3025W  | -1    | 0         | -5   | 4   |
|               | 3000W  | -1    | 2         | -7   | -2  |
|               | 2975W  | -1    | 6         | -7   | -10 |

Transmitting Station

| Grid Location |       | Hawaii |      | Annapolis |      |
|---------------|-------|--------|------|-----------|------|
|               |       | D.A.   | F.F. | D.A.      | F.F. |
| L2175N        | 2950W | -3     | 4    | -3        | -8   |
|               | 2925W | -5     | 0    | -1        | -2   |
|               | 2900W | -3     | 2    | -1        | 2    |
|               | 2875W | -5     | 2    | -1        | 2    |
|               | 2850W | -5     | 2    | -3        | 0    |
|               | 2825W | -5     |      | -1        |      |
|               | 2800W | -7     |      | -3        |      |
| L2200N        | 3600W | -5     |      | -1        |      |
|               | 3575W | -7     | 0    | -1        | 2    |
|               | 3550W | -7     | -4   | -3        | -2   |
|               | 3525W | -5     | -2   | -1        | -2   |
|               | 3500W | -5     | 2    | -1        | 0    |
|               | 3475W | -5     | 4    | -1        | 2    |
|               | 3450W | -7     | 0    | -1        | 4    |
|               | 3425W | -7     | -4   | -3        | 2    |
|               | 3400W | -5     | -4   | -3        | 0    |
|               | 3375W | -5     | 0    | -3        | 0    |
|               | 3350W | -3     | 8    | -3        | -4   |
|               | 3325W | -7     | 8    | -3        | -8   |
|               | 3300W | -9     | 2    | 1         | -2   |
|               | 3275W | -9     | 0    | 1         | 4    |
|               | 3250W | -9     | 0    | -1        | 2    |
|               | 3225W | -9     | -2   | -1        | 2    |
|               | 3200W | -9     | -4   | -1        | 4    |
|               | 3175W | -7     | -2   | -3        | 2    |
|               | 3150W | -7     | 0    | -3        | 2    |
|               | 3125W | -7     | -2   | -3        | 4    |
|               | 3100W | -7     | -4   | -5        | 2    |
|               | 3075W | -5     | -2   | -5        | 2    |
|               | 3050W | -5     | -1   | -5        | 4    |
|               | 3025W | -5     | -3   | -7        | 2    |
|               | 3000W | -4     | -5   | -7        | 0    |
|               | 2975W | -3     | -1   | -7        | -6   |
|               | 2950W | -1     | 6    | -7        | -12  |
|               | 2925W | -5     | 6    | -1        | -6   |
|               | 2900W | -5     | 4    | -1        | 0    |
|               | 2875W | -7     | 2    | -1        | 0    |
| 2850W         | -7    | 0      | -1   | 0         |      |
| 2825W         | -7    |        | -1   |           |      |
| 2800W         | -7    |        | -1   |           |      |
| L2225N        | 3600W | -3     |      | -3        |      |
|               | 3575W | -5     | 2    | 0         | -1   |
|               | 3550W | -5     | 0    | -1        | 1    |
|               | 3525W | -5     | 0    | -1        | 0    |
|               | 3475W | -5     | 2    | -1        | 6    |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |    |
|---------------|--------|------|-----------|------|----|
|               | D.A.   | F.F. | D.A.      | F.F. |    |
| L2225N        | 3450W  | -7   | -2        | -5   | 2  |
|               | 3425W  | -5   | -4        | -3   | 0  |
|               | 3400W  | -5   | -4        | -5   | -2 |
|               | 3375W  | -3   | -2        | -3   | 2  |
|               | 3350W  | -3   | 2         | -3   | 8  |
|               | 3325W  | -3   | 4         | -7   | 2  |
|               | 3300W  | -5   | 0         | -7   | -2 |
|               | 3275W  | -5   | -4        | -5   | 0  |
|               | 3250W  | -3   | 2         | -7   | -2 |
|               | 3225W  | -3   | 8         | -5   | -4 |
|               | 3200W  | -7   | 2         | -5   | -6 |
|               | 3175W  | -7   | -2        | -3   | -4 |
|               | 3150W  | -5   | 2         | -1   | 2  |
|               | 3125W  | -7   | 0         | -3   | 4  |
|               | 3100W  | -7   | -4        | -3   | 4  |
|               | 3075W  | -5   | -4        | -5   | 4  |
|               | 3050W  | -5   | -4        | -5   | 4  |
|               | 3025W  | -3   | -2        | -7   | 0  |
|               | 3000W  | -3   | -2        | -7   | -4 |
|               | 2975W  | -3   | -4        | -5   | -4 |
|               | 2950W  | -1   | -2        | -5   | -4 |
|               | 2925W  | -1   | 2         | -3   | -2 |
|               | 2900W  | -1   | 8         | -3   | -2 |
|               | 2875W  | -3   | 10        | -3   | -2 |
|               | 2850W  | -7   | 2         | -1   | 0  |
|               | 2825W  | -7   |           | -3   |    |
|               | 2800W  | -5   |           | -1   |    |
| L2250N        | 3600W  | -5   |           | -1   |    |
|               | 3575W  | -5   | 0         | -1   | 2  |
|               | 3550W  | -5   | 0         | -3   | 0  |
|               | 3525W  | -5   | -2        | -1   | 2  |
|               | 3500W  | -5   | -2        | -3   | 2  |
|               | 3475W  | -3   | 0         | -3   | -2 |
|               | 3450W  | -5   | -2        | -3   | -4 |
|               | 3425W  | -3   | -2        | -1   | -2 |
|               | 3400W  | -3   | 0         | -1   | 4  |
|               | 3375W  | -3   | 0         | -1   | 8  |
|               | 3350W  | -3   | 2         | -5   | 4  |
|               | 3325W  | -3   | 4         | -5   | 0  |
|               | 3300W  | -5   | 0         | -5   | 0  |
|               | 3275W  | -5   | -4        | -5   | 0  |
|               | 3250W  | -3   | -2        | -5   | -2 |
|               | 3225W  | -3   | 2         | -5   | -2 |
|               | 3200W  | -3   | 6         | -3   | 0  |
|               | 3175W  | -5   | 6         | -5   | -4 |
|               | 3150W  | -7   | 2         | -3   | -2 |
|               | 3125W  | -7   | 0         | -1   | 4  |

Transmitting Station

| Grid Location |       | Hawaii |      | Annapolis |      |
|---------------|-------|--------|------|-----------|------|
|               |       | D.A.   | F.F. | D.A.      | F.F. |
| L2250N        | 3100W | -7     | -4   | -5        | 0    |
|               | 3075W | -7     | -8   | -3        | -2   |
|               | 3050W | -3     | -4   | -3        | 0    |
|               | 3025W | -3     | 2    | -3        | 0    |
|               | 3000W | -3     | 0    | -3        | -2   |
|               | 2975W | -5     | -6   | -3        | -2   |
|               | 2950W | -1     | -2   | -1        | 2    |
|               | 2925W | -1     | 4    | -3        | 4    |
|               | 2900W | -3     | 4    | -3        | 0    |
|               | 2875W | -3     | 6    | -5        | -7   |
|               | 2850W | -5     | 4    | -1        | -6   |
|               | 2825W | -7     |      | 0         |      |
|               | 2800W | -5     |      | 0         |      |
| L2275N        | 3600W | -6     |      | -3        |      |
|               | 3575W | -5     | 0    | -2        | 3    |
|               | 3550W | -6     | -2   | -4        | 3    |
|               | 3525W | -5     | -4   | -4        | 2    |
|               | 3500W | -4     | 0    | -5        | 2    |
|               | 3475W | -3     | 4    | -5        | 0    |
|               | 3450W | -6     | 1    | -6        | -5   |
|               | 3425W | -5     | -3   | -4        | -4   |
|               | 3400W | -5     | -2   | -2        | 2    |
|               | 3375W | -3     | 2    | -4        | 4    |
|               | 3350W | -5     | 2    | -4        | 3    |
|               | 3325W | -5     | 1    | -6        | 0    |
|               | 3300W | -5     | -1   | -5        | 0    |
|               | 3275W | -6     | -4   | -5        | 2    |
|               | 3250W | -3     | -2   | -6        | 2    |
|               | 3225W | -4     | 1    | -6        | 0    |
|               | 3200W | -3     | 3    | -7        | -4   |
|               | 3175W | -5     | 3    | -5        | -5   |
|               | 3150W | -5     | 3    | -4        | -1   |
|               | 3125W | -6     | 3    | -3        | 2    |
|               | 3100W | -7     | -1   | -5        | 2    |
|               | 3075W | -7     | -4   | -4        | 0    |
|               | 3050W | -5     | -1   | -6        | -5   |
|               | 3025W | -5     | 3    | -3        | -4   |
|               | 3000W | -6     | 0    | -2        | 2    |
|               | 2975W | -7     | -4   | -3        | 2    |
|               | 2950W | -4     | -2   | -4        | 1    |
|               | 2925W | -5     | -1   | -3        | 3    |
|               | 2900W | -4     | 0    | -5        | 1    |
|               | 2875W | -4     | 4    | -5        | -9   |
| 2850W         | -5    | 4      | -4   | -19       |      |
| 2825W         | -7    |        | 3    |           |      |
| 2800W         | -6    |        | 7    |           |      |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |
|---------------|--------|------|-----------|------|
|               | D.A.   | F.F. | D.A.      | F.F. |
| L2300N 3600W  | -7     |      | 4         |      |
| 3575W         | -5     | -3   | 5         | 18   |
| 3550W         | -5     | -1   | -3        | 13   |
| 3525W         | -4     | -1   | -6        | 3    |
| 3500W         | -5     | -4   | -5        | 2    |
| 3475W         | -3     | -2   | -7        | -1   |
| 3450W         | -2     | 2    | -6        | -4   |
| 3425W         | -4     | 3    | -5        | -2   |
| 3400W         | -3     | 5    | -4        | 2    |
| 3375W         | -6     | 4    | -5        | 2    |
| 3350W         | -6     | 0    | -6        | 0    |
| 3325W         | -7     | -1   | -5        | 0    |
| 3300W         | -5     | 0    | -6        | -1   |
| 3275W         | -7     | -5   | -5        | 0    |
| 3250W         | -5     | -6   | -5        | 1    |
| 3225W         | -2     | 1    | -6        | -2   |
| 3200W         | -4     | 3    | -5        | -3   |
| 3175W         | -4     | 4    | -4        | -3   |
| 3150W         | -5     | 4    | -4        | -2   |
| 3125W         | -7     | 3    | -2        | 2    |
| 3100W         | -6     | 3    | -4        | 4    |
| 3075W         | -9     | -1   | -4        | 0    |
| 3050W         | -7     | -3   | -6        | -3   |
| 3025W         | -7     | -2   | -2        | 0    |
| 3000W         | -6     | -2   | -5        | 1    |
| 2975W         | -6     | -2   | -3        | 0    |
| 2950W         | -5     | -1   | -5        | 0    |
| 2925W         | -5     | -1   | -3        | 2    |
| 2900W         | -5     | -1   | -5        | 0    |
| 2875W         | -4     | 0    | -5        | -4   |
| 2850W         | -5     | -7   | -3        | 0    |
| 2825W         | -4     |      | -3        |      |
| 2800W         | 2      |      | -5        |      |
| L2325N 3600W  | -5     |      | -3        |      |
| 3575W         | -5     | 2    | -1        | 2    |
| 3550W         | -7     | -2   | -1        | 10   |
| 3525W         | -5     | -4   | -5        | 8    |
| 3500W         | -5     | -4   | -7        | 2    |
| 3475W         | -3     | -2   | -7        | -2   |
| 3450W         | -3     | 2    | -7        | -6   |
| 3425W         | -3     | 2    | -5        | -6   |
| 3400W         | -5     | 2    | -3        | -2   |
| 3375W         | -3     | 6    | -3        | 2    |
| 3350W         | -7     | 2    | -3        | 4    |
| 3325W         | -7     | -2   | -5        | 4    |
| 3300W         | -5     | 2    | -5        | 2    |
| 3275W         | -7     | 0    | -7        | -2   |



Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |    |
|---------------|--------|------|-----------|------|----|
|               | D.A.   | F.F. | D.A.      | F.F. |    |
| L2325N        | 3250W  | -7   | -6        | -5   | -2 |
|               | 3225W  | -5   | -6        | -5   | 0  |
|               | 3200W  | -3   | -2        | -5   | 0  |
|               | 3175W  | -3   | 2         | -5   | -2 |
|               | 3150W  | -3   | 6         | -5   | -4 |
|               | 3125W  | -5   | 4         | -3   | -2 |
|               | 3100W  | -7   | -2        | -3   | 2  |
|               | 3075W  | -5   | -2        | -3   | 2  |
|               | 3050W  | -5   | 0         | -5   | 0  |
|               | 3025W  | -5   | -2        | -3   | 0  |
|               | 3000W  | -5   | -4        | -5   | -4 |
|               | 2975W  | -3   | -2        | -3   | -4 |
|               | 2950W  | -3   | 2         | -1   | 2  |
|               | 2925W  | -3   | 2         | -3   | 2  |
|               | 2900W  | -5   | -4        | -3   | 6  |
|               | 2875W  | -3   | -6        | -3   | 8  |
|               | 2850W  | -1   | -3        | -9   | -4 |
|               | 2825W  | -1   |           | -5   |    |
|               | 2800W  | 0    |           | -3   |    |
| L2350N        | 3600W  | -5   |           | -1   |    |
|               | 3575W  | -3   | 6         | 1    | 8  |
|               | 3550W  | -7   | 0         | -3   | 10 |
|               | 3525W  | -7   | -8        | -5   | 4  |
|               | 3500W  | -3   | -2        | -7   | -2 |
|               | 3475W  | -3   | 2         | -5   | -2 |
|               | 3450W  | -5   | 0         | -5   | 0  |
|               | 3425W  | -3   | 0         | -5   | -2 |
|               | 3400W  | -5   | 0         | -5   | -2 |
|               | 3375W  | -3   | 4         | -3   | 2  |
|               | 3350W  | -5   | 8         | -5   | 0  |
|               | 3325W  | -7   | 4         | -5   | -2 |
|               | 3300W  | -9   | -2        | -3   | 0  |
|               | 3275W  | -7   | -2        | -5   | -2 |
|               | 3250W  | -7   | 0         | -3   | -2 |
|               | 3225W  | -7   | -2        | -3   | 0  |
|               | 3200W  | -7   | -2        | -3   | 0  |
|               | 3175W  | -5   | 2         | -3   | 2  |
|               | 3150W  | -7   | 2         | -3   | 2  |
|               | 3125W  | -7   | 0         | -5   | -2 |
|               | 3100W  | -7   | 0         | -3   | -2 |
|               | 3075W  | -7   | 0         | -3   | 0  |
|               | 3050W  | -7   | -2        | -3   | 0  |
|               | 3025W  | -7   | -4        | -3   | 0  |
|               | 3000W  | -5   | -2        | -3   | 0  |
| 2975W         | -5     | 0    | -3        | 2    |    |
| 2950W         | -5     | -2   | -3        | 4    |    |
| 2925W         | -5     | -4   | -5        | 2    |    |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |     |
|---------------|--------|------|-----------|------|-----|
|               | D.A.   | F.F. | D.A.      | F.F. |     |
| L2350N        | 2900W  | -3   | -2        | -5   | 0   |
|               | 2875W  | -3   | 0         | -5   | 0   |
|               | 2850W  | -3   | 0         | -5   | 0   |
|               | 2825W  | -3   |           | -5   |     |
|               | 2800W  | -3   |           | -5   |     |
| L2375N        | 3600W  | 1    |           | -3   |     |
|               | 3575W  | -5   | 4         | 4    | 12  |
|               | 3550W  | -3   | 1         | -4   | 15  |
|               | 3525W  | -5   | -1        | -7   | 4   |
|               | 3500W  | -4   | -3        | -8   | -4  |
|               | 3475W  | -3   | 0         | -7   | -6  |
|               | 3450W  | -3   | 0         | -4   | -2  |
|               | 3425W  | -4   | -3        | -5   | -2  |
|               | 3400W  | -2   | 1         | -4   | -2  |
|               | 3375W  | -2   | 6         | -3   | 0   |
|               | 3350W  | -5   | 4         | -4   | 1   |
|               | 3325W  | -5   | 0         | -3   | 2   |
|               | 3300W  | -6   | -1        | -5   | -1  |
|               | 3275W  | -4   | 1         | -4   | -4  |
|               | 3250W  | -6   | 1         | -3   | -2  |
|               | 3225W  | -5   | -1        | -2   | 2   |
|               | 3200W  | -6   | -3        | -3   | 4   |
|               | 3175W  | -4   | -3        | -4   | 4   |
|               | 3150W  | -4   | 0         | -5   | 2   |
|               | 3125W  | -3   | 5         | -6   | -2  |
|               | 3100W  | -5   | 4         | -5   | -4  |
|               | 3075W  | -7   | -2        | -4   | -4  |
|               | 3050W  | -5   | 0         | -3   | -5  |
|               | 3025W  | -5   | 1         | -2   | -10 |
|               | 3000W  | -7   | -5        | 0    | -9  |
|               | 2975W  | -4   | -4        | 5    | 5   |
|               | 2950W  | -3   | 2         | 2    | 12  |
|               | 2925W  | -4   | 2         | -2   | 8   |
| 2900W         | -5     | -5   | -3        | 4    |     |
| 2875W         | -4     | -12  | -5        | 1    |     |
| 2850W         | 0      | -11  | -4        | 1    |     |
| 2825W         | 3      |      | -5        |      |     |
| 2800W         | 4      |      | -5        |      |     |
| L2400N        | 3600W  | 2    |           | -4   |     |
|               | 3575W  | 5    | 10        | -9   | -2  |
|               | 3550W  | 4    | 21        | -8   | -10 |
|               | 3525W  | -7   | 6         | -3   | -1  |
|               | 3500W  | -5   | -5        | -4   | 6   |
|               | 3475W  | -4   | -2        | -6   | 3   |
|               | 3450W  | -3   | 0         | -7   | -2  |
| 3425W         | -4     | -1   | -6        | -4   |     |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |     |
|---------------|--------|------|-----------|------|-----|
|               | D.A.   | F.F. | D.A.      | F.F. |     |
| L2400N        | 3400W  | -3   | -1        | -5   | -2  |
|               | 3375W  | -3   | 3         | -4   | 0   |
|               | 3350W  | -3   | 7         | -5   | -1  |
|               | 3325W  | -6   | 6         | -4   | 1   |
|               | 3300W  | -7   | 1         | -4   | 1   |
|               | 3275W  | -8   | -2        | -6   | -2  |
|               | 3250W  | -6   | -2        | -3   | -1  |
|               | 3225W  | -7   | -2        | -5   | -1  |
|               | 3200W  | -5   | -1        | -3   | -1  |
|               | 3175W  | -6   | -2        | -4   | -1  |
|               | 3150W  | -5   | -2        | -3   | 0   |
|               | 3125W  | -4   | 1         | -3   | 3   |
|               | 3100W  | -5   | 3         | -4   | 1   |
|               | 3075W  | -5   | 3         | -5   | -4  |
|               | 3050W  | -7   | 1         | -3   | -4  |
|               | 3025W  | -6   | -1        | -2   | -1  |
|               | 3000W  | -7   | -5        | -2   | 2   |
|               | 2975W  | -5   | -8        | -2   | 2   |
|               | 2950W  | -3   | -7        | -4   | 0   |
|               | 2925W  | -1   | -1        | -2   | 3   |
|               | 2900W  | 0    | -1        | -4   | 3   |
|               | 2875W  | -3   | -8        | -5   | 1   |
|               | 2850W  | 3    | -5        | -4   | 5   |
|               | 2825W  | 2    |           | -6   |     |
|               | 2800W  | 3    |           | -8   |     |
| L2425N        | 3600W  | -3   |           | 2    |     |
|               | 3575W  | -7   | 2         | 11   | -1  |
|               | 3550W  | -9   | -17       | 8    | 8   |
|               | 3525W  | -3   | -12       | 6    | 5   |
|               | 3500W  | 4    | 11        | 5    | 3   |
|               | 3475W  | -4   | 8         | 4    | 2   |
|               | 3450W  | -6   | -5        | 4    | 8   |
|               | 3425W  | -2   | 0         | 3    | 12  |
|               | 3400W  | -3   | 3         | -3   | -1  |
|               | 3375W  | -5   | -9        | -2   | -9  |
|               | 3350W  | -3   | -15       | 3    | 2   |
|               | 3325W  | 4    | -5        | 1    | 9   |
|               | 3300W  | 3    | 0         | -2   | 4   |
|               | 3275W  | 3    | 2         | -3   | 1   |
|               | 3250W  | 4    | 8         | -2   | -4  |
|               | 3225W  | 0    | 8         | -4   | -13 |
|               | 3200W  | -1   | 4         | 3    | -8  |
|               | 3175W  | -3   | 2         | 4    | 0   |
|               | 3150W  | -2   | 1         | 3    | 0   |
|               | 3125W  | -4   | -6        | 4    | 4   |
|               | 3100W  | -2   | -11       | 3    | 5   |
|               | 3075W  | 2    | -5        | 0    | 3   |

Transmitting Station

| Grid Location |       | Hawaii |      | Annapolis |      |
|---------------|-------|--------|------|-----------|------|
|               |       | D.A.   | F.F. | D.A.      | F.F. |
| L2425N        | 3050W | 3      | 0    | 2         | 8    |
|               | 3025W | 2      | 5    | -2        | 2    |
|               | 3000W | 3      | 13   | -4        | -12  |
|               | 2975W | -3     | 10   | 2         | -9   |
|               | 2950W | -5     | 1    | 4         | -2   |
|               | 2925W | -5     | -3   | 3         | -4   |
|               | 2900W | -4     | -2   | 5         | -1   |
|               | 2875W | -3     | 2    | 6         | 2    |
|               | 2850W | -4     | -4   | 3         | 6    |
|               | 2825W | -5     |      | 6         |      |
|               | 2800W | 2      |      | -3        |      |
| L2450N        | 3600W | 1      |      | -6        |      |
|               | 3575W | 2      | 3    | -7        | 4    |
|               | 3550W | 3      | 12   | -9        | -2   |
|               | 3525W | -3     | 9    | -8        | -6   |
|               | 3500W | -4     | 1    | -6        | -4   |
|               | 3475W | -5     | -9   | -5        | 1    |
|               | 3450W | -3     | -9   | -5        | 1    |
|               | 3425W | 3      | 5    | -7        | -5   |
|               | 3400W | -2     | 9    | -4        | -11  |
|               | 3375W | -3     | 5    | -3        | -12  |
|               | 3350W | -5     | 4    | 3         | -4   |
|               | 3325W | -5     | 4    | 2         | 2    |
|               | 3300W | -7     | 0    | 2         | 1    |
|               | 3275W | -7     | -2   | 1         | -2   |
|               | 3250W | -5     | 1    | 2         | -2   |
|               | 3225W | -7     | 0    | 3         | 5    |
|               | 3200W | -6     | -3   | 2         | 11   |
|               | 3175W | -6     | -5   | -2        | 6    |
|               | 3150W | -4     | -4   | -4        | 3    |
|               | 3125W | -3     | 0    | -2        | 5    |
|               | 3100W | -3     | -2   | -7        | 1    |
|               | 3075W | -4     | -8   | -4        | 2    |
|               | 3050W | 0      | -7   | -6        | 3    |
|               | 3025W | 1      | -1   | -7        | -2   |
|               | 3000W | 2      | 1    | -6        | -2   |
|               | 2975W | 0      | -4   | -5        | 0    |
|               | 2950W | 2      | -5   | -6        | 1    |
|               | 2925W | 4      | 3    | -5        | 4    |
| 2900W         | 3     | 13     | -7   | -11       |      |
| 2875W         | 0     | 16     | -8   | -28       |      |
| 2850W         | -6    | -4     | 7    | 3         |      |
| 2825W         | -7    |        | 6    |           |      |
| 2800W         | 5     |        | -10  |           |      |
| L2475N        | 3600W | -3     |      | -11       |      |
|               | 3575W | -3     | 4    | -9        | -2   |

Transmitting Station

| Grid Location | Hawaii |      | Annapolis |      |    |
|---------------|--------|------|-----------|------|----|
|               | D.A.   | F.F. | D.A.      | F.F. |    |
| L2475N        | 3550W  | -3   | 6         | -9   | -2 |
|               | 3525W  | -7   | 2         | -9   | -4 |
|               | 3500W  | -5   | 2         | -7   | -4 |
|               | 3475W  | -7   | 0         | -7   | -2 |
|               | 3450W  | -7   | -6        | -5   | 2  |
|               | 3425W  | -5   | -6        | -7   | 0  |
|               | 3400W  | -3   | -2        | -7   | -4 |
|               | 3375W  | -3   | 2         | -5   | -2 |
|               | 3350W  | -3   | 6         | -5   | 0  |
|               | 3325W  | -5   | 6         | -5   | -2 |
|               | 3300W  | -7   | 2         | -5   | -4 |
|               | 3275W  | -7   | -4        | -3   | -2 |
|               | 3250W  | -7   | -6        | -3   | 2  |
|               | 3225W  | -3   | -2        | -3   | 4  |
|               | 3200W  | -5   | -2        | -5   | 6  |
|               | 3175W  | -3   | -2        | -5   | 6  |
|               | 3150W  | -3   | -2        | -9   | -2 |
|               | 3125W  | -3   | -4        | -7   | -4 |
|               | 3100W  | -1   | -3        | -5   | 2  |
|               | 3075W  | -1   | -2        | -7   | 4  |
|               | 3050W  | 0    | -5        | -7   | 6  |
|               | 3025W  | 0    | -7        | -9   | 6  |
|               | 3000W  | 4    | -2        | -11  | 0  |
|               | 2975W  | 3    | 5         | -11  | -8 |
|               | 2950W  | 3    | 6         | -9   | -8 |
|               | 2925W  | -1   | 0         | -5   | 0  |
|               | 2900W  | 1    | -2        | -7   | 2  |
|               | 2875W  | 1    | 0         | -7   | 2  |
|               | 2850W  | 1    | -2        | -7   | 6  |
|               | 2825W  | 1    |           | -9   |    |
|               | 2800W  | 3    |           | -11  |    |
| L2500N        | 3600W  | -5   |           | -7   |    |
|               | 3575W  | -5   | -2        | -9   | 2  |
|               | 3550W  | -5   | -2        | -9   | -4 |
|               | 3525W  | -3   | 4         | -9   | -8 |
|               | 3500W  | -5   | 6         | -5   | -6 |
|               | 3475W  | -7   | 0         | -5   | -4 |
|               | 3450W  | -7   | -4        | -3   | -2 |
|               | 3425W  | -5   | -4        | -3   | 4  |
|               | 3400W  | -5   | -4        | -3   | 6  |
|               | 3375W  | -3   | 0         | -7   | 0  |
|               | 3350W  | -3   | 4         | -5   | -2 |
|               | 3325W  | -5   | 4         | -5   | -2 |
|               | 3300W  | -5   | 4         | -5   | -4 |
|               | 3275W  | -7   | 2         | -3   | 0  |
|               | 3250W  | -7   | -4        | -3   | 8  |
|               | 3225W  | -7   | -8        | -5   | 10 |

Transmitting Station

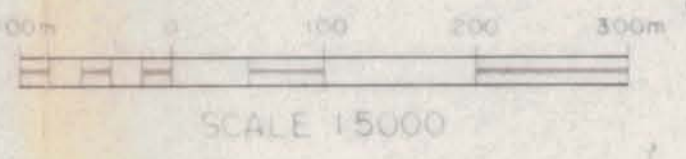
| Grid Location | Hawaii |      | Annapolis |      |
|---------------|--------|------|-----------|------|
|               | D.A.   | F.F. | D.A.      | F.F. |
| L2500N        |        |      |           |      |
| 3200W         | -3     | -4   | -9        | 4    |
| 3175W         | -3     | 0    | -9        | 0    |
| 3150W         | -3     | 0    | -9        | 0    |
| 3125W         | -3     | -2   | -9        | 0    |
| 3100W         | -3     | -4   | -9        | 3    |
| 3075W         | -1     | -3   | -9        | 6    |
| 3050W         | -1     | -5   | -12       | 2    |
| 3025W         | 0      | -7   | -12       | -2   |
| 3000W         | 3      | -1   | -11       | -5   |
| 2975W         | 3      | 5    | -11       | -4   |
| 2950W         | 1      | 1    | -7        | 4    |
| 2925W         | 0      | -5   | -11       | 6    |
| 2900W         | 3      | -5   | -11       | 6    |
| 2875W         | 3      | -4   | -13       | 7    |
| 2850W         | 5      | -1   | -15       | 6    |
| 2825W         | 5      |      | -16       |      |
| 2800W         | 4      |      | -18       |      |

**LEGEND**

- SOIL GEOCHEMISTRY SAMPLE LOCATION
- VALUES SHOWN IN ppb Au
- CONTOUR INTERVALS:
  - 20 ppb Au
  - 50 ppb Au
  - 100 ppb Au



N  
MAGNETIC DECLINATION +21°42'11" W  
DECREASING 4.8" YEAR



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,542**

CHEVRON MINERALS LTD

**DISCOVERY** Consultants

**WHITEBOUL PROPERTY**  
SOIL GEOCHEMISTRY  
GOLD (Au)

|          |            |                        |         |
|----------|------------|------------------------|---------|
| DATE:    | FEB 3/1989 | SCALE:                 | 1:5000  |
| PROJECT: | 308        | NTS:                   | 42 L/4E |
| FIGURE:  | 3          | VERNOY MINING DIVISION |         |



**LEGEND**

- HEAVY MINERAL SAMPLE LOCATION
- VALUES SHOWN IN ppm Pb
- SOIL GEOCHEMISTRY SAMPLE LOCATION
- VALUES SHOWN IN ppm Pb
- CONTOUR INTERVALS:
- 20 ppm Pb
- 30 ppm Pb

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

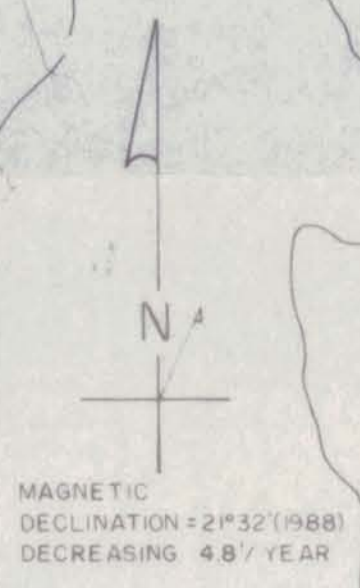
**18,542**

CHEVRON MINERALS LTD.

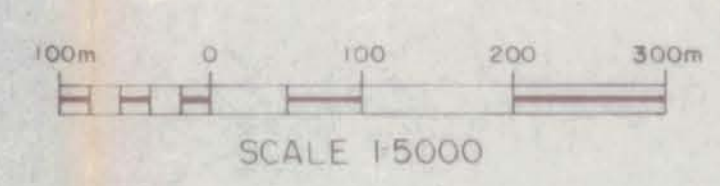
DISCOVERY Consultants

WHITEBOUL PROPERTY  
(SOIL GEOCHEMISTRY)  
LEAD (Pb)

|          |             |        |                        |
|----------|-------------|--------|------------------------|
| DATE:    | FEB. 3/1989 | SCALE: | 1:5000                 |
| PROJECT: | 326         | NTS:   | 82-L/4E                |
| FIGURE:  | 4           |        | VERNON MINING DIVISION |



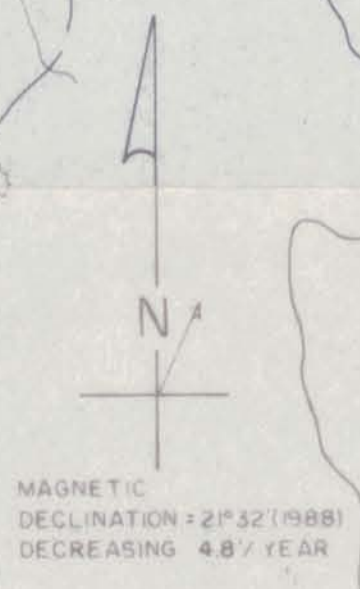
MAGNETIC DECLINATION = 2°32' (1988)  
DECREASING 4.8' YEAR



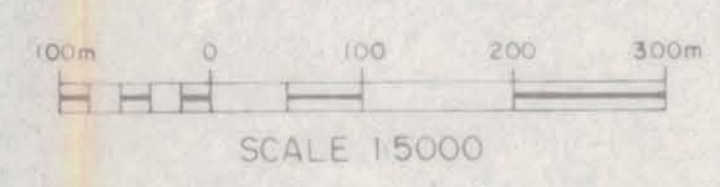


**LEGEND**

- • • INDICATES VLF SURVEY COVERAGE
- 1 • 7 • FRASER FILTER VALUES  
(ONLY POSITIVE VALUES SHOWN)
- TRANSMITTER STATION = ANNAPOLIS



MAGNETIC DECLINATION = 21° 52' (1988)  
DECREASING 4.8' / YEAR



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**18,542**

CHEVRON MINERALS LTD

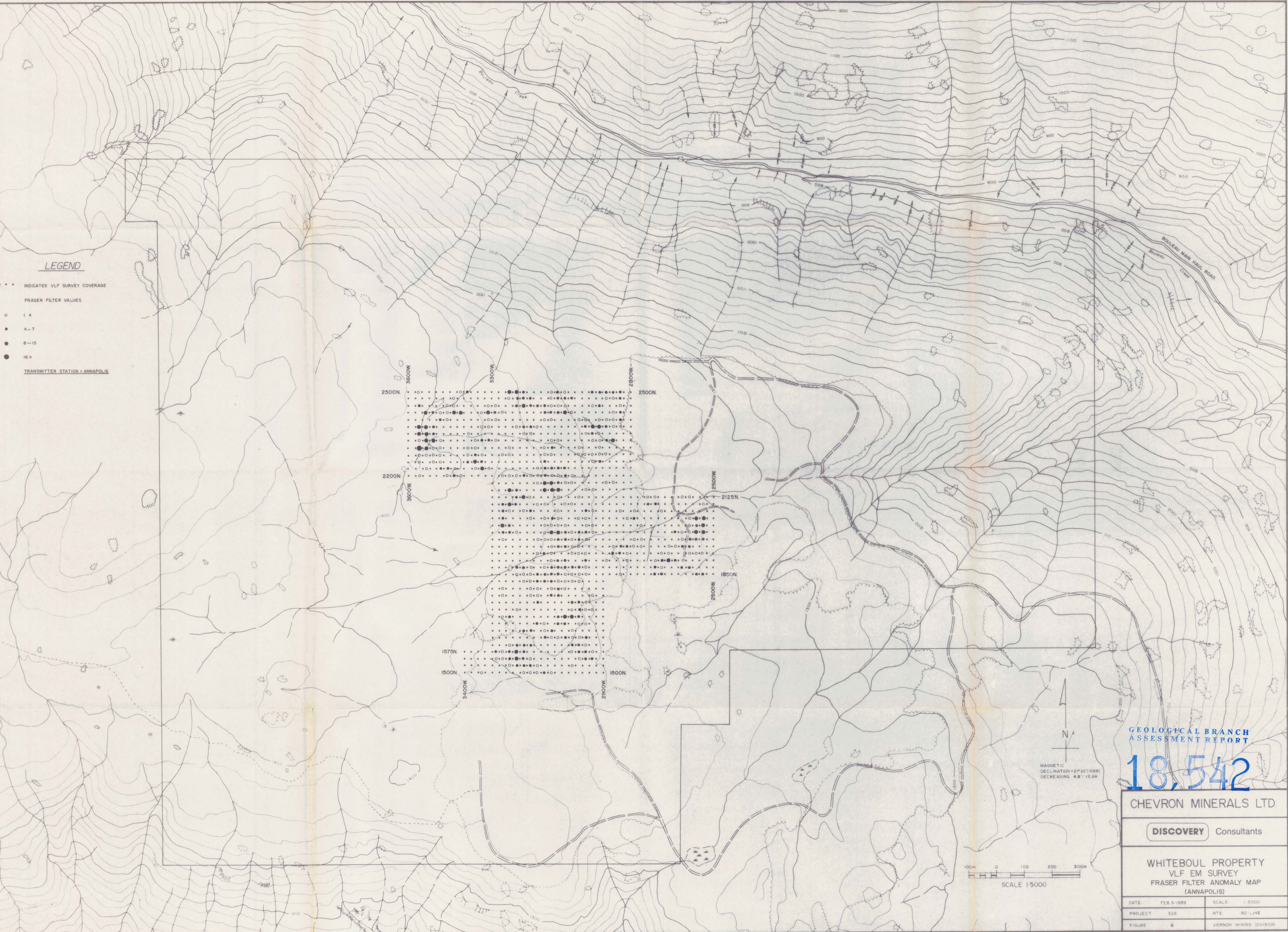
DISCOVERY Consultants

WHITEBOUL PROPERTY  
VLF EM SURVEY  
FRASER FILTER VALUES  
(ANNAPOLIS)

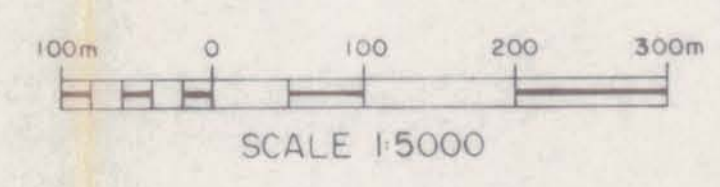
|         |            |                        |         |
|---------|------------|------------------------|---------|
| DATE    | FEB 3/1989 | SCALE                  | 1:5000  |
| PROJECT | 326        | N.T.S.                 | 82-174E |
| FIGURE  | 5          | VERNON MINING DIVISION |         |

**LEGEND**

- INDICATES VLF SURVEY COVERAGE
- FRASER FILTER VALUES
- < 4
- 4-7
- 8-15
- 16+
- TRANSMITTER STATION - ANNAPOLIS



N  
 MAGNETIC DECLINATION #2132(1988)  
 DECREASING 4.8' YEAR



**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

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**DISCOVERY** Consultants

**WHITEBOUL PROPERTY  
 VLF EM SURVEY  
 FRASER FILTER ANOMALY MAP  
 (ANNAPOLIS)**

|         |            |       |                        |
|---------|------------|-------|------------------------|
| DATE    | FEB 3/1989 | SCALE | 1:5000                 |
| PROJECT | 326        | NTS   | 82-L-74E               |
| FIGURE  | 6          |       | VERNON MINING DIVISION |

**LEGEND**

- INDICATES VLF SURVEY COVERAGE
- +1.7+ FRASER FILTER VALUES  
(ONLY POSITIVE VALUES SHOWN)
- TRANSMITTER STATION = HAWAII



N  
MAGNETIC DECLINATION +2°32' (1988)  
DECREASING 4.87 YEAR

0 100 200 300m  
SCALE 1:5000

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,542

CHEVRON MINERALS LTD.

DISCOVERY Consultants

WHITEBOUL PROPERTY  
VLF EM SURVEY  
FRASER FILTER VALUES  
(HAWAII)

|         |             |                        |         |
|---------|-------------|------------------------|---------|
| DATE    | FEB. 3/1989 | SCALE                  | 1:5000  |
| PROJECT | 326         | NTS                    | R2 L7/E |
| FIGURE  | 7           | VENNON MINING DIVISION |         |

**LEGEND**

- INDICATES VLF SURVEY COVERAGE
- FRASER FILTER VALUES
- < 4
- 4-7
- 8-15
- 16+

TRANSMITTER STATION - HAWAII

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,542

CHEVRON MINERALS LTD.

DISCOVERY Consultants

WHITEBOUL PROPERTY  
VLF EM SURVEY  
FRASER FILTER ANOMALY MAP  
(HAWAII)

|         |            |       |                        |
|---------|------------|-------|------------------------|
| DATE    | FEB 3/1989 | SCALE | 1:5000                 |
| PROJECT | 326        | NTS   | 82-L/4E                |
| FIGURE  | 8          |       | VERNON MINING DIVISION |

