GEOPHYSICAL REPORT

VLF, MAGNETIC AND INDUCED POLARIZATION SURVEY

BIRK CREEK PROPERTY

BARRIERE, B.C.

KAMLOOPS MINING DISTRICT

BY

DELTA GEOSCIENCE LTD.

NOVEMBER 16, 1989.

GRANT A. HENDRICKSON, P.GEOPH.

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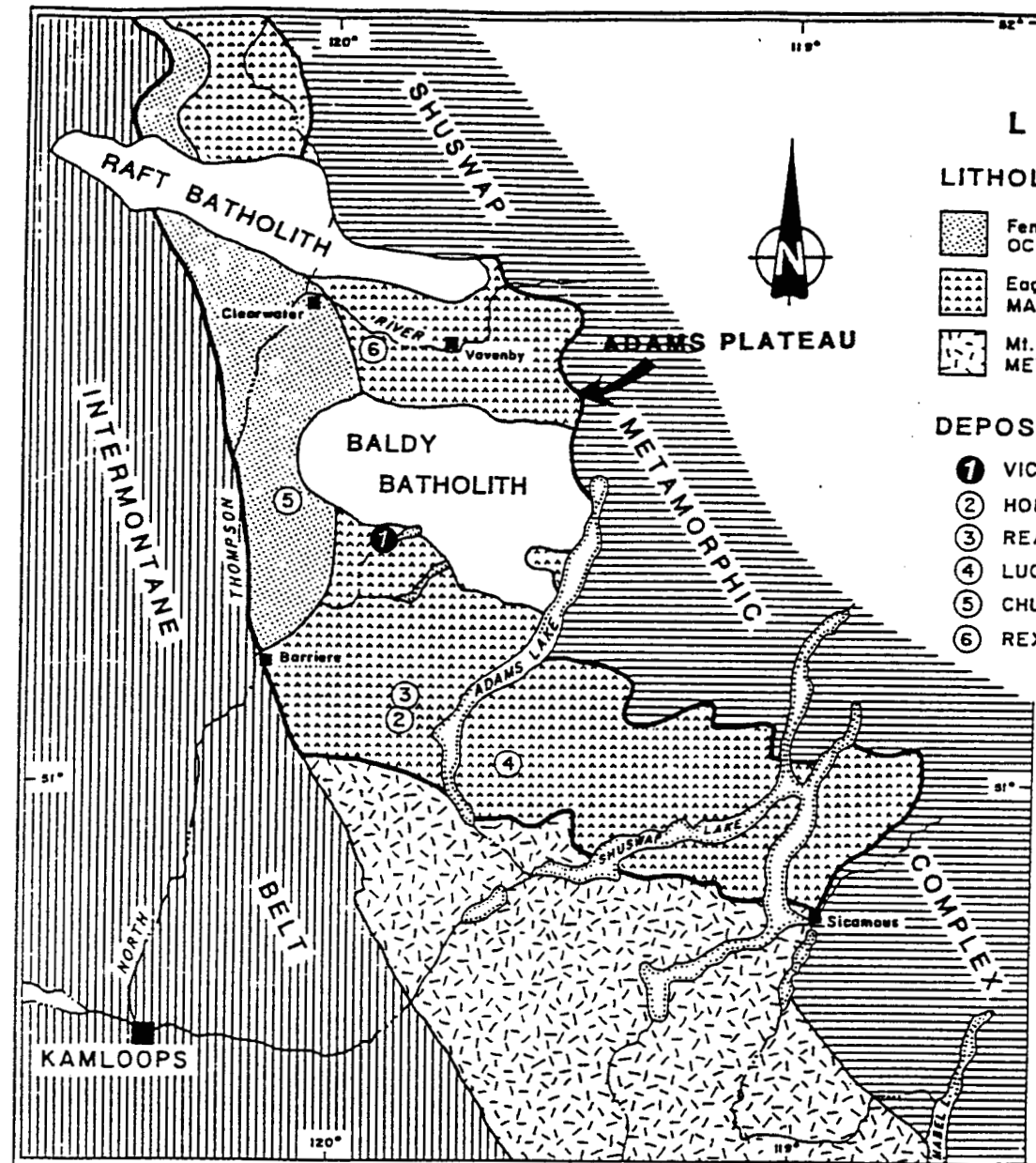
INTRODUCTION

At the request of Falconbridge Ltd., Delta Geoscience Ltd. conducted Induced Polarization, Resistivity, VLF and Magnetic surveys on the Birk Creek property. Approximately 36 km of line were surveyed during the period August 4 - 17, 1989.

The Birk Creek property is located in the Kamloops Mining District, approximately 25 km northeast of the town of Barriere, B.C.

The exploration target is volcanogenic massive sulphide mineralization, hosted by felsic and mafic rocks of the Eagle Bay Group. The Baldy Batholith is just north of the survey area. This property has in the past been worked by other operators with limited success. Structural complications compounded by shallow dipping volcanic strata with intercalated conductive argillite and sulphide horizons have combined to present a difficult exploration problem.

Steep topography, dense forest and large areas of clear cut characterize the survey area. Fortunately, grid lines generally paralleled the topography. Elevation changes along the baseline are substantial as the property lies on a steep east facing slope.



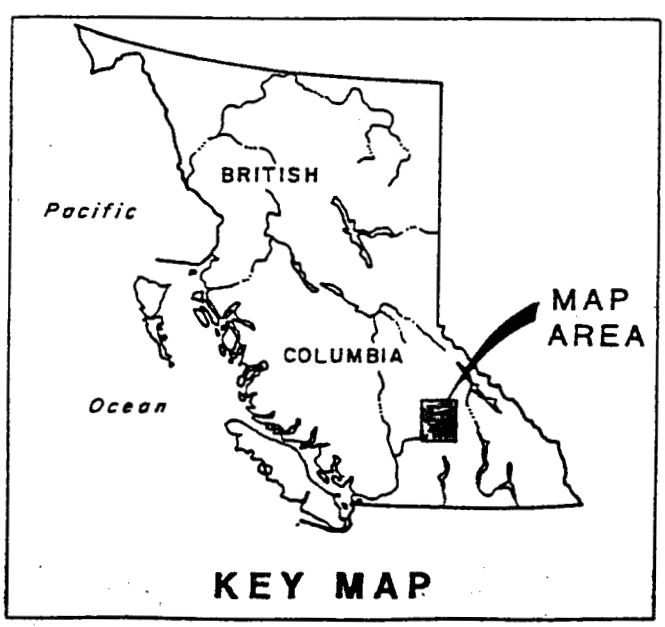
LEGEND

LITHOLOGY

- Fennel Formation: OCEANIC BASALTS
- Eagle Bay Group: MAFIC & FELSIC VOLCANICS
- Mt. Ida Group: METAMORPHIC COMPLEX

DEPOSITS/SHOWINGS

1. VICTORIA & BABIY OPTIONS
2. HOMESTAKE
3. REA / SAMATOSUM
4. LUCKY COON
5. CHU CHUA
6. REXSPAR



KEY MAP

FALCONBRIDGE LIMITED

ADAMS PLATEAU

VICTORIA AND BABIY OPTIONS

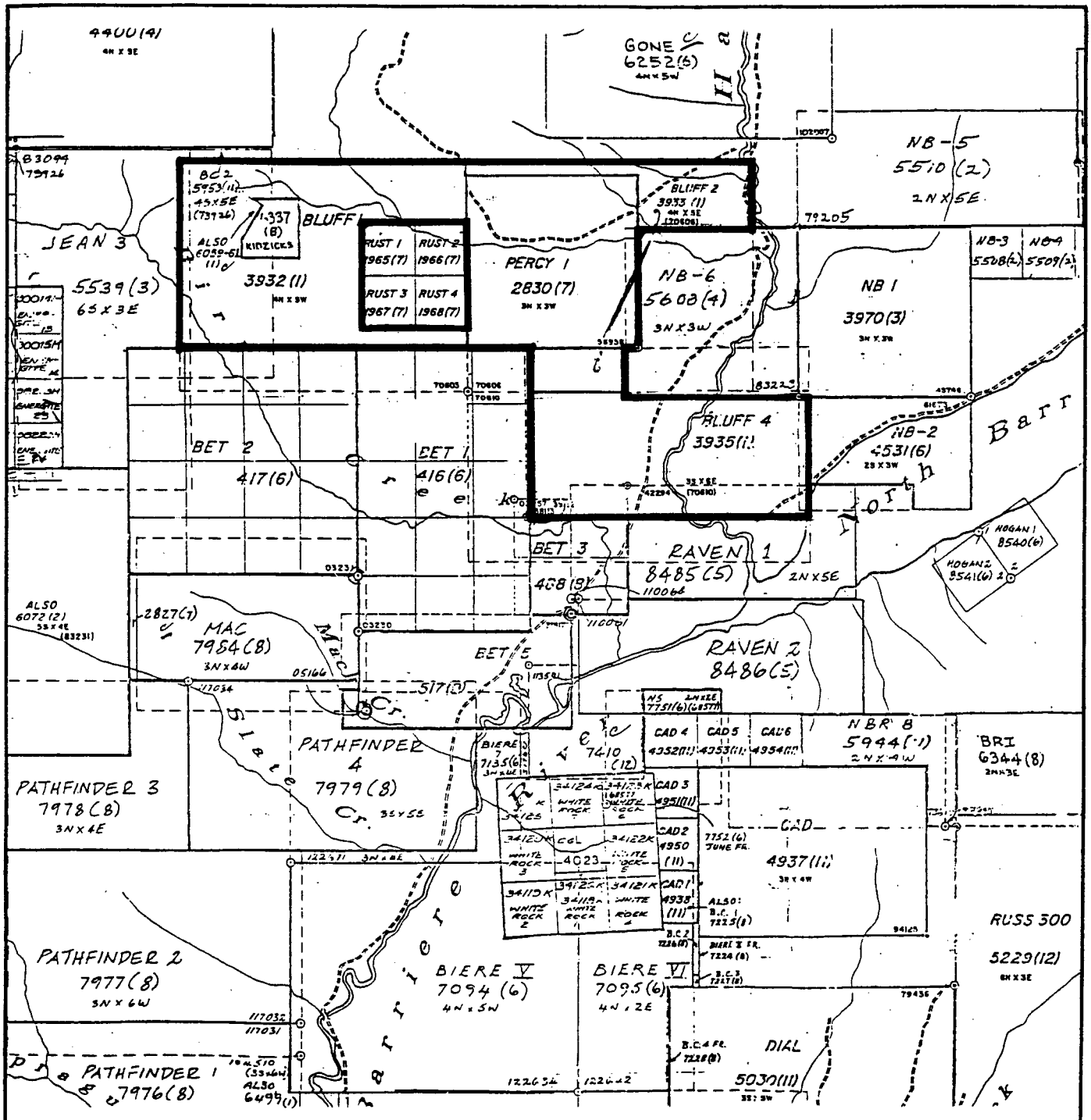
LOCATION MAP

WORK BY	DRAWN BY	DATE
JB	VJG	

km 0 10 20 30 40 50 km

1 : 1,000,000

Figure: 1



VICTORIA OPTION: BLUFF 1, 2, 4, PERCY 1 CLAIMS.

BABIY OPTION: RUST 1-4 CLAIMS.

FALCONBRIDGE LIMITED

VICTORIA AND BABIY OPTIONS

CLAIM MAP

WORK BY	DRAWN BY	DATE
SC	VJG	Nov 1989

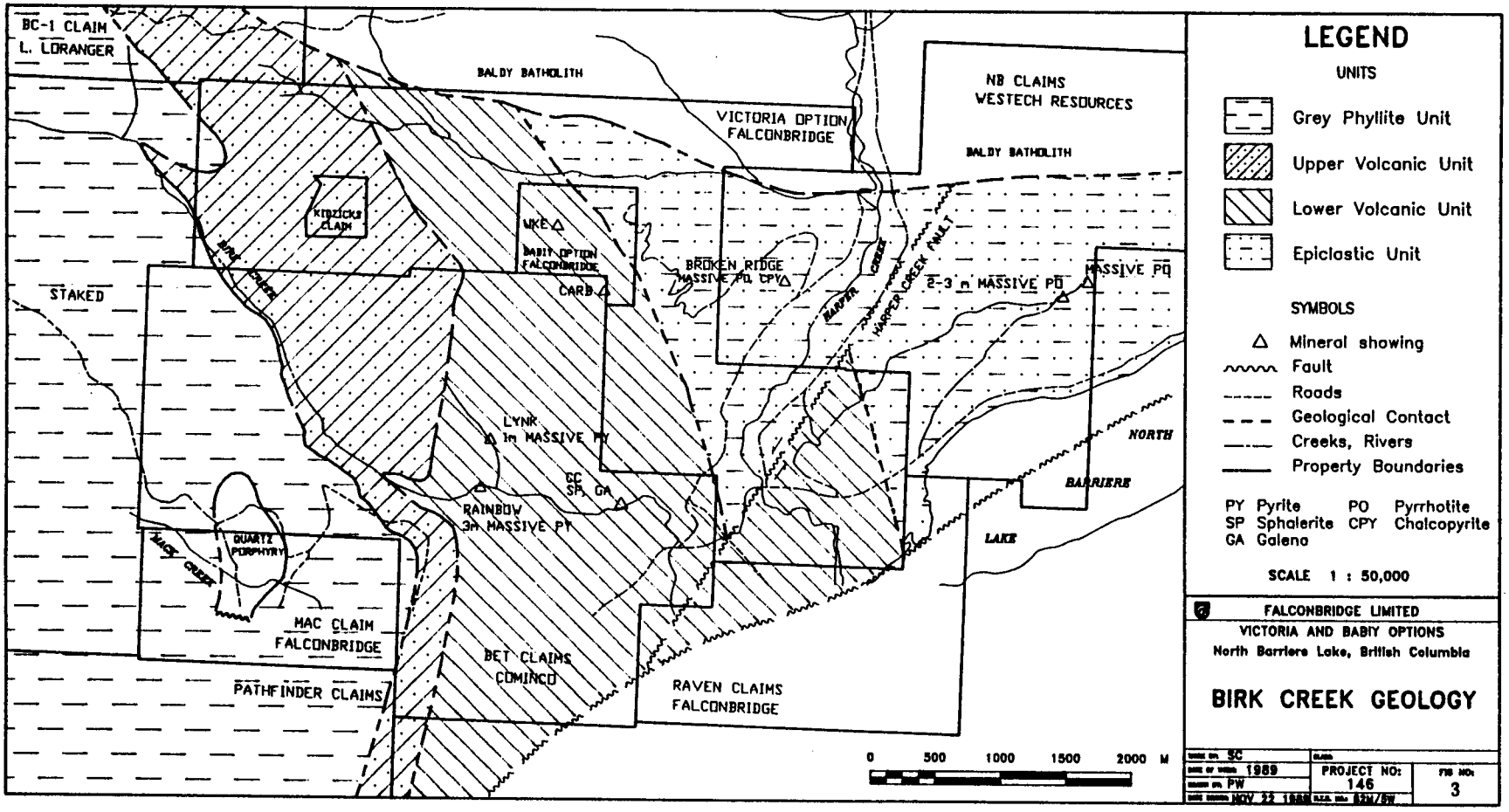
0 1000 2000

SCALE IN METRES 1 : 50 000

Project No. 146/145

NTS: 82M/05W

Figure: 2


BC-1 CLAIM
L. LORANGER
BALDY BATHOLITH
NB CLAIMS
WESTECH RESOURCES
VICTORIA OPTION
FALCONBRIDGE
BALDY BATHOLITH
KIDZICKS CLAIM
BIRK CREEK
STAKED
MKE
BABIT OPTION
FALCONBRIDGE
CARB
BROKEN RIDGE
MASSIVE PO, CPY
HARPER CREEK FAULT
2-3 m MASSIVE PO
MASSIVE PO
LYNX
1m MASSIVE PY
CC
SP GA
RAINBOW
3m MASSIVE PY
NORTH
BARRIERE
LAKE
QUARTZ
PORPHYRY
MUSH CREEK
MAC CLAIM
FALCONBRIDGE
BET CLAIMS
COMINCO
PATHFINDER CLAIMS
RAVEN CLAIMS
FALCONBRIDGE
0 500 1000 1500 2000 M
LEGEND
UNITS
Grey Phyllite Unit
Upper Volcanic Unit
Lower Volcanic Unit
Epiclastic Unit
SYMBOLS
Mineral showing
Fault
Roads
Geological Contact
Creeks, Rivers
Property Boundaries
PY Pyrite PO Pyrrhotite
SP Sphalerite CPY Chalcopyrite
GA Galena
SCALE 1 : 50,000
FALCONBRIDGE LIMITED
VICTORIA AND BABIY OPTIONS
North Barriere Lake, British Columbia
BIRK CREEK GEOLOGY
SC
1989
PW
NOV 22
PROJECT NO:
146
3

PERSONNEL

Scott Cosman - Geophysicist/Crew Chief
Robert Wilson-Smith - Geophysicist
Tim Tokarsky - Geophysicist
Tom Bokenfohr - Geophysical Technologist
2 Local Helpers from Barriere
Grant Hendrickson - Senior Geophysicist/Supervisor

EQUIPMENT

2 - EDA Omni-Plus VLF/MAG/GRAD Receivers
1 - EDA OMNI IV Base Station Magnetometer
1 - B.R.G.M. IP-6 Induced Polarization Receiver
1 - B.R.G.M. IP-2 Induced Polarization Receiver
1 - Huntec 2.5 kva Induced Polarization Transmitter
5 - Motorola VHF Portable Radios
1 - Toshiba 3100 Field Computer
1 - Fujitsu DL2400 Printer/Plotter
2 - Toyota 4x4 Trucks

DATA PRESENTATION

Filtered vertical in-phase VLF, VLF tilt angle with VLF horizontal field strength, total field magnetic, vertical magnetic gradient, resistivity and chargeability data are presented as stacked profile plans and contour plans, all at a scale of 1:5000.

Profiles generally aid in interpretation since the profile shape (the wavelength) is directly related to the depth, attitude and width of anomalous areas.

Profile data is presented increasing to the right or north from a base level (value at line position). Stacked profiles give an overall view of the data prior to any contouring bias.

Contoured plans generally give a good spatial view of the data's intensity and continuity.

The VLF data was recorded using the Cutler, Maine station, NAA, transmitting at 24.0 khz. Separate profile sections of the filtered VLF data for each line have been prepared, with the Fraser and Hjelt filtered values posted below the profiles. These sections are appended to this report.

SURVEY PROCEDURE

The grid was established with a line spacing of 200 meters and a station separation of 25 meters. Co-ordinates of the grid are in northings and eastings. A claim ownership problem on the west side of the grid resulted in an irregular west boundary to the geophysical data. Intrusives on the eastern side of the property limited the eastern extent of the survey.

VLF and magnetic readings were taken at 12.5 meter intervals along the grid lines. The VLF station NAA, transmitting at 24.0 khz from Cutler, Maine, was chosen for this survey since it was approximately on strike with the expected strike of the geological features of interest. Note that for optimum electromagnetic coupling, the conductive features should strike directly towards the VLF transmitter.

Four components of the VLF electromagnetic field were measured: the horizontal field strength, vertical in-phase, vertical quadrature and tilt angle. All of the vertical in-phase data was subsequently filtered using the Fraser and Hjelt filters. These filtering techniques help in understanding the spatial position of conductive zones, both along strike and downdip. Filtering also minimizes topographical effects in the data, an important consideration for this survey area.

Technical details of the filtering procedures are referenced at the end of this report and the reader is urged to refer to them.

Skin depth is an important parameter of VLF surveying which should be considered. It is a useful term for describing the depth of penetration of electromagnetic signals. A good conductor buried at one skin depth will provide a signal at the surface with an amplitude equal to approximately 10% of the incident field. Detection of this weak a signal is difficult in the presence of any noise. Skin depth decreases with an increase in frequency, or a decrease of the resistivity of the bedrock and/or overburden. Skin depth for this survey area is estimated to be generally 125 meters, however it is substantially less in the argillite areas.

The total magnetic field was recorded, along with the vertical gradient. Magnetic field measurements were corrected for any diurnal variation and to a common datum, through the use of the OMNI-IV base station magnetometer, which sampled the field every minute for the duration of the magnetic survey. The earth's magnetic field was relatively quiet for the survey period.

The magnetic gradiometer survey (vertical gradient) is a useful adjunct to magnetic surveying. The gradiometer measurement acts like a filter in that it enhances local near surface anomalies at the expense of longer wavelength regional anomalies. The rate of fall-off of the magnetic field with height is much higher for local sources than for regional sources, thus a high gradient (rate of change) can be recorded using sensors 0.5 meters vertically apart. The vertical gradient data helps to isolate closely spaced near surface anomalies and to determine the depth to a magnetic body. For dipole sources, the length is approximately equal to three times the total field anomaly divided by the gradient anomaly.

The gradient array was chosen for the Induced Polarization survey work. The relative operational ease of this array is an important factor, since the grid topography is difficult at times. The current electrode separation "AB" was set at 1200m, while the potential electrode separation "MN" was 50m. Overlap on each reading was 50%, i.e. 25m between reading points. This array size gives good horizontal resolution, with the prime depth of investigation focused in the 100m range. We would have preferred to use a smaller "MN", however weak signals in the low resistivity areas required the larger "MN". The size and irregular nature of the grid required surveying with a series of gradient blocks. Each gradient block covered an east-west distance of 525m and a strike distance (north-south) of 3 lines (400m). The east and west edges of the gradient blocks were joined together by overlapping two or three stations and comparing the data for the current electrode positions. Generally, the overlaps were close, however at times the placement of one of the remote current electrodes on a chargeability or resistivity anomaly, elevated the background at the edge of the block. This elevated background required adjustment prior to joining the blocks together. Joining blocks together along strike was quite straight forward, since there is better continuity along strike than across strike.

These surveys have been designed to have good lateral resolution, good signal to noise response and excellent mobility, to help solve four main exploration problems:

a) spatial position and strength of subsurface sulphide zones.

b) spatial position of structures, both along strike and cross-cutting.

c) to respond to the different lithologies to aid in geological mapping.

d) cost effective surveying in rough terrain.

The Induced Polarization (chargeability) was expected to respond primarily to sulphide zones and only moderately to changes in lithology. Pyritic argillites would also respond well to the I.P. and it would be difficult to distinguish their response from sulphide zones.

The Resistivity survey was expected to respond primarily to the lithology, and moderately to structures (linear resistivity lows). Any correlation of high chargeability with resistivity lows would be important exploration targets. Deeply buried large sulphide deposits will only produce a modest resistivity low that often occurs slightly downdip of the top of the sulphide system.

The VLF survey was expected to respond primarily to graphitic structures, argillites and/or sulphide zones.

The magnetics were expected to respond primarily to near surface pyrrhotite/magnetite mineralization and moderately to lithology, due to slight changes in the magnetic susceptibility of the underlying bedrock. Mafic volcanic rocks or sediments normally have a slightly higher magnetic response than felsic volcanics and tuffs. Felsic intrusives are generally magnetic lows, however the response of intrusives depends largely on the amount of disseminated magnetite mineralization present - something which is quite variable.

DISCUSSION OF THE DATA

VLF:

The map of tilt angle and horizontal field strength profiles clearly shows the raw data. Anomalies are indicated by cross-overs in the tilt angle (from negative to positive) that are coincident with peaks in the horizontal field strength data. Numerous VLF conductors were detected. In general, VLF anomalies on the east side of the grid are more numerous and look like near surface limited depth extent responses (lenses?). VLF anomalies on the west central part of the grid generally have a longer wavelength, which indicates deeper and larger conductors, i.e. L.23600N @ 39750E. Depth will filter out the short wavelength responses that are common on the east side of the grid.

The Fraser filter contour map accurately shows the location and relative strength of the near surface VLF responses. The Hjelt filter sections that accompany this report shows the depth and attitude of all the VLF responses, including the deeper and possibly more interesting responses.

The shallow VLF responses correlate well with areas of low resistivity. The important correlation of low resistivity, VLF and high chargeability is fairly common on the east side of the property and is indicating areas of near surface massive sulphide mineralization (lenses?) and/or pyritic argillites.

MAGNETICS:

The magnetic total field and vertical gradient data indicates numerous magnetic responses, particularly in the east central and northwest corner of the grid. The correlation of magnetic responses line to line is fair, considering the 200m. line spacing. The nature of the responses suggest narrow, depth limited, near surface pyrrhotite and/or magnetite lenses. There is a good correlation of magnetic anomalies with VLF conductivity and low resistivity, which indicates the mineral pyrrhotite is most likely the cause of some of the responses. Most magnetic anomalies appear to have a moderate west dip. On line 22200N and 22400N, the magnetics suggest the dip flattens as you move to the west. The interference of numerous adjacent thin magnetic horizons makes it difficult to successfully model the magnetic data.

The intrusives flanking the east side of the grid appear to have a low magnetic response, however this should be correlated closely with the detailed geology to be sure. The pyrrhotite zones that dominate the east side of the magnetic maps may become non magnetic pyrite zones as one moves to the west away from the intrusive contact.

The similarity of the magnetic responses in the east, central and northwest part of the grid suggests some similarity to underlying geology, however the resistivity background is much higher in the northwest corner. The lower resistivity in the east central part of the grid may be partly due to more sulphide mineralization, perhaps related to the adjacent intrusive, however the prime cause is the large argillite horizon.

RESISTIVITY:

The resistivity contour map is very interesting map in that it appears to map the geology quite well. The felsic and mafic volcanic rocks of the Eagle Bay formation are largely tuffaceous rocks within this grid and show up as the higher resistivity areas west of approximately 41100E. Felsic and mafic flow rocks would normally be more resistive, with the felsic rocks having the highest resistivity. The narrow areas of lower resistivity sandwiched between the higher resistivity areas, are likely intercalated pyritic sediments.

The intrusives on the far east side of the grid are starting to show up as a moderately resistive (approximately 800 ohm-m) area.

The east side of the grid is dominated by large areas of low resistivity (less than 100 ohm-m), which can be largely attributed to carbonaceous pyritic argillites containing several sulphide lenses.

The more isolated resistivity low centered at 21200N and 41300E is an interesting feature since it flanks (downdip?) a large broad strong I.P. response.

CHARGEABILITY:

The chargeability survey has delineated several anomalies, most of which appear to be thin linear near surface lenses that correlate with VLF conductors and low resistivity zones. The dip of these zones appears to be moderate to steeply grid west. The correlation along strike is fair considering the 200 line spacing. These anomalies have to be checked out carefully with the data from previous operators to ensure all significant size responses have been tested by drilling, or against the geology and geochemistry. Anomalies definitely within the argillites should be downgraded, but not completely ignored.

The broad I.P. response centered at 21300N and 41450E is interesting for it may be caused by a deeply buried source (approximately 150m deep). Several shallower and smaller I.P. responses are superimposed on this broad response. The significant resistivity low that is centered just to the west or downdip of this large I.P. response is encouraging.

It's interesting to note that the chargeability anomalies that are building up at the extreme northeast and northwest corners of the grid are also correlating with a lower resistivity.

CONCLUSIONS AND RECOMMENDATIONS

The various geophysical surveys have helped to map the geology of the grid. The resistivity survey in particular reflects the underlying geology. Overburden thickness is minimal, generally less than 15 meters.

Numerous areas of high chargeability, high magnetics and low resistivity that are correlating with VLF conductors, will have to be carefully checked out against all the previous drilling data and the latest geology. Several of these anomalies have the strength and size to be significant sulphide deposits. The effect of the pyritic (pyrrhotite?) argillite horizons has certainly made some of these anomalies look better than they actually are. The 200 meter line spacing does create some correlation ambiguities.

To explore the favourable geology downdip to the west is a difficult geophysical problem. Consideration should be given to doing a CSAMT survey to search for a deeply buried (400+m) large massive sulphide deposit. The CSAMT method is suited to deep electromagnetic explorations of relatively flat dipping horizons.

A map of the horizontal projection of all drill holes should be prepared to overlay on the geophysical plans to help evaluate the effectiveness of the geophysics against the drill results and to see which anomalies have been tested.

Grant A. Hendrickson, P.Geoph.

REFERENCES

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Coggon, J.H., 1973: A Comparison of I.P. Electrode Arrays: Geophysics, Vol.38, 737-761.

Fraser, D.C., 1969: Contouring of VLF-EM data: Geophysics 34. 958-967.

Karous, M., and Hjelt, S.E., 1983: Linear Filtering of V.L.F. Dip-Angle Measurements: Geophysical Prospecting.

Malmqvist, L., 1978: Some Applications of IP-Technique for Different Geophysical Prospecting Purposes: Geophysical Prospecting 26, 97-121.

STATEMENT OF QUALIFICATION

Grant A. Hendrickson

- B.Science, U.B.C. 1971, Geophysics option.
- For the past 18 years, I have been actively involved in mineral exploration projects throughout Canada and the United States.
- I am a registered Professional Geophysicist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
- I am an active member of the S.E.G., E.A.E.G., and B.C.G.S.

Dated at Delta, British Columbia, this 17 day of Nov, 1989.

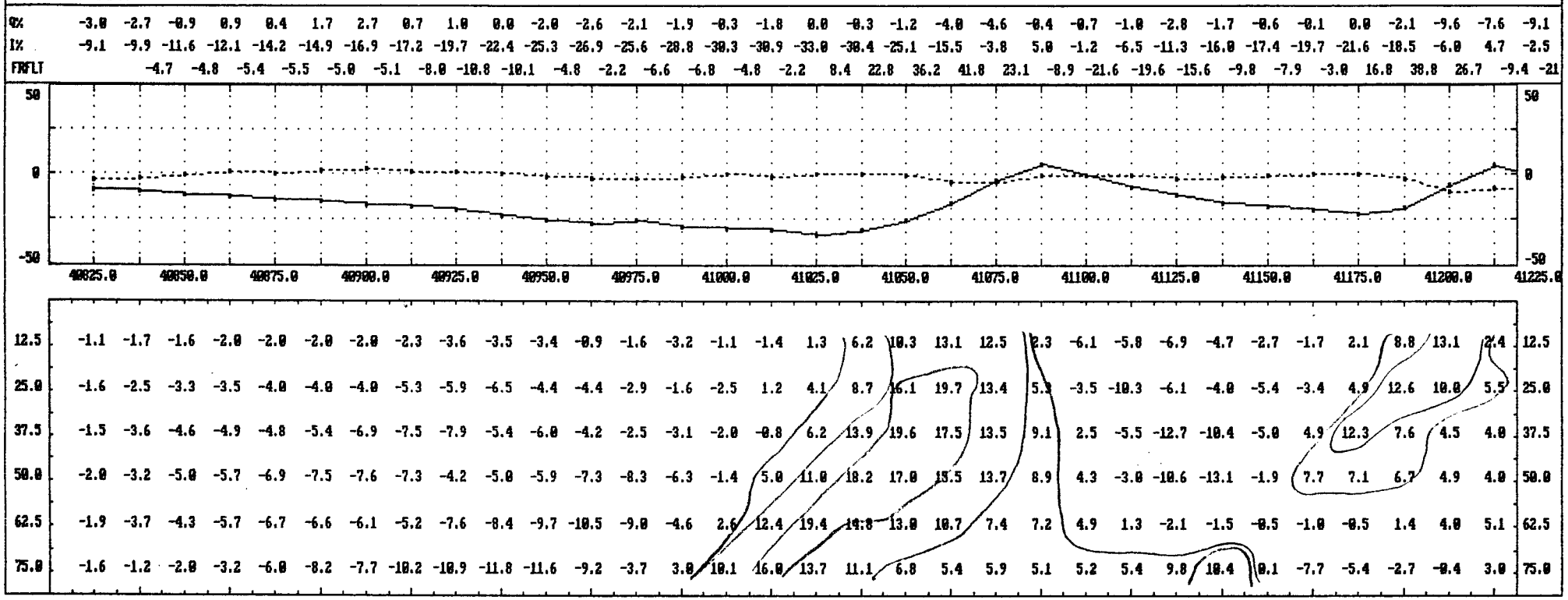
G. Hendrickson

Grant A. Hendrickson, P.Geoph.

APPENDIX: HJELT VLF FILTER

BIRK CREEK. VLF DATA,

LINE 20400N. 24.0 KHZ.

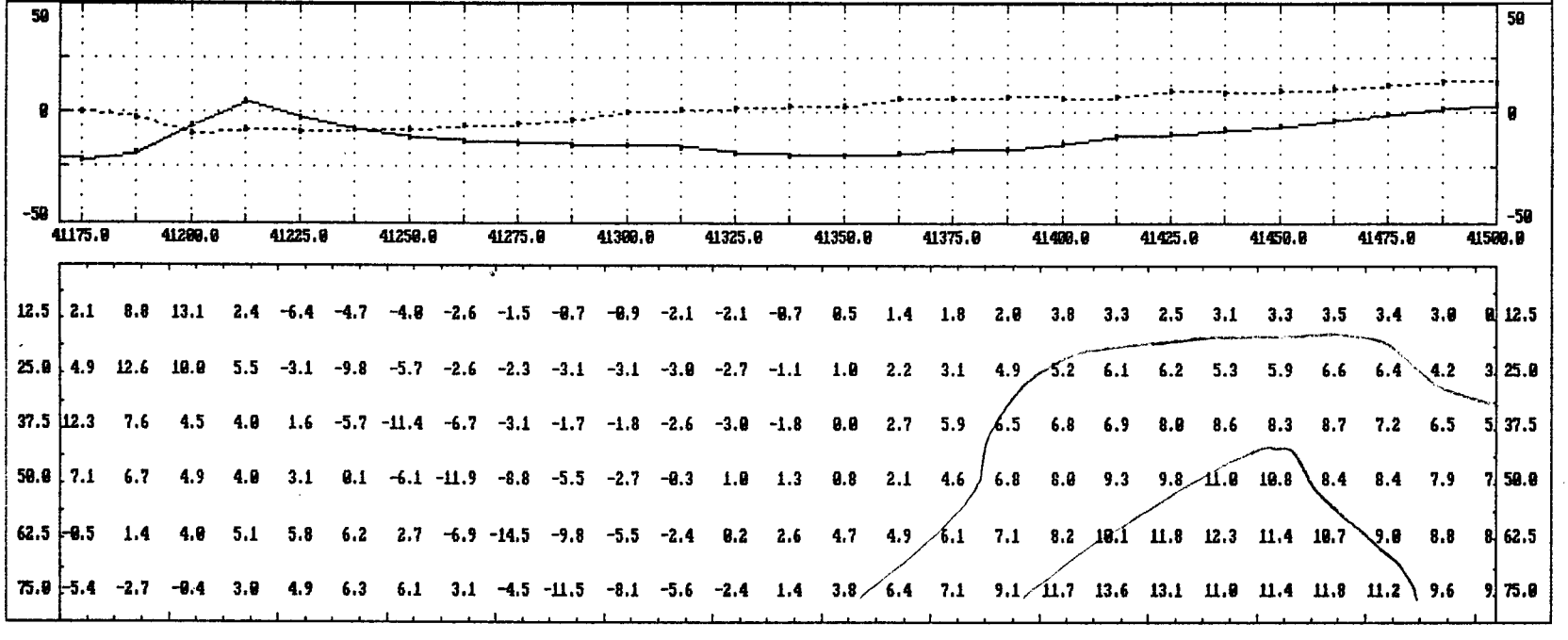


H3567

BIRK CREEK. VLF DATA,

LINE 20400N. 24.0 KHZ.

Q%	0.0	-2.1	-9.6	-7.6	-9.1	-7.9	-7.6	-5.9	-5.5	-3.3	-0.1	1.0	1.8	3.2	2.8	6.7	6.6	7.5	6.7	7.4	9.7	9.2	9.9	11.1	12.9	14.2	13.3	10
I%	-21.6	-18.5	-6.0	4.7	-2.5	-8.2	-11.2	-13.1	-14.3	-14.8	-14.6	-15.7	-18.0	-19.3	-19.1	-18.3	-17.0	-16.2	-14.3	-10.6	-9.5	-7.6	-5.7	-3.1	-0.8	2.0	3.6	2
FRFLT	16.8	38.8	26.7	-9.4	-21.6	-13.6	-8.0	-4.8	-2.0	-1.2	-4.3	-7.0	-4.7	-0.1	3.1	4.2	4.8	8.3	10.4	7.8	6.8	8.3	9.4	10.0	9.5	5.1		

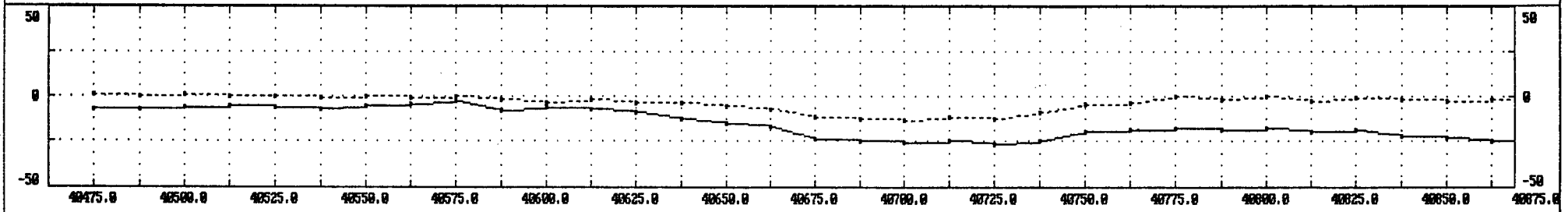


12.5	2.1	8.8	13.1	2.4	-6.4	-4.7	-4.8	-2.6	-1.5	-0.7	-0.9	-2.1	-2.1	-0.7	0.5	1.4	1.8	2.0	3.8	3.3	2.5	3.1	3.3	3.5	3.4	3.0	0	12.5
25.0	4.9	12.6	10.0	5.5	-3.1	-9.8	-5.7	-2.6	-2.3	-3.1	-3.1	-3.0	-2.7	-1.1	1.0	2.2	3.1	4.9	5.2	6.1	6.2	5.3	5.9	6.6	6.4	4.2	3	25.0
37.5	12.3	7.6	4.5	4.0	1.6	-5.7	-11.4	-6.7	-3.1	-1.7	-1.8	-2.6	-3.0	-1.8	0.0	2.7	5.9	6.5	6.8	6.9	8.0	8.6	8.3	8.7	7.2	6.5	5	37.5
50.0	7.1	6.7	4.9	4.0	3.1	0.1	-6.1	-11.9	-8.8	-5.5	-2.7	-0.3	1.0	1.3	0.8	2.1	4.6	6.8	8.0	9.3	9.8	11.0	10.8	8.4	8.4	7.9	7	50.0
62.5	-0.5	1.4	4.0	5.1	5.8	6.2	2.7	-6.9	-14.5	-9.8	-5.5	-2.4	0.2	2.6	4.7	4.9	6.1	7.1	8.2	10.1	11.8	12.3	11.4	10.7	9.0	8.8	8	62.5
75.0	-5.4	-2.7	-0.4	3.0	4.9	6.3	6.1	3.1	-4.5	-11.5	-8.1	-5.6	-2.4	1.4	3.8	6.4	7.1	9.1	11.7	13.6	13.1	11.0	11.4	11.8	11.2	9.6	9	75.0

BIRK CREEK. VLF DATA,

LINE 20600N. 24.0 KHZ.

Q%	1.4	0.5	0.7	0.3	0.5	-0.6	-0.2	-0.6	0.1	-1.6	-3.1	-2.0	-3.2	-3.4	-5.2	-6.7	-11.6	-11.8	-12.9	-11.0	-12.4	-9.1	-3.9	-3.1	0.0	-1.6	-0.2	-2.4	-1.2	-2.0	-2.7	-1.8	-2.4
I%	-6.8	-7.1	-6.1	-5.4	-5.7	-6.5	-5.0	-4.4	-2.8	-7.4	-6.4	-7.3	-8.8	-12.3	-14.9	-17.0	-23.7	-24.3	-25.1	-24.5	-25.9	-24.6	-19.6	-18.7	-17.4	-18.2	-17.4	-19.0	-18.7	-21.5	-22.6	-24.3	-23.8
FRFLT		2.4	2.1	-0.7	-0.4	2.8	4.3	-0.8	-6.6	-3.5	-2.3	-7.4	-11.1	-10.8	-13.5	-16.1	-8.7	-1.6	-1.0	-0.9	6.2	12.2	8.1	2.7	0.5	-0.8	-2.1	-3.8	-6.4	-6.7	-4.0	-3.1	-2

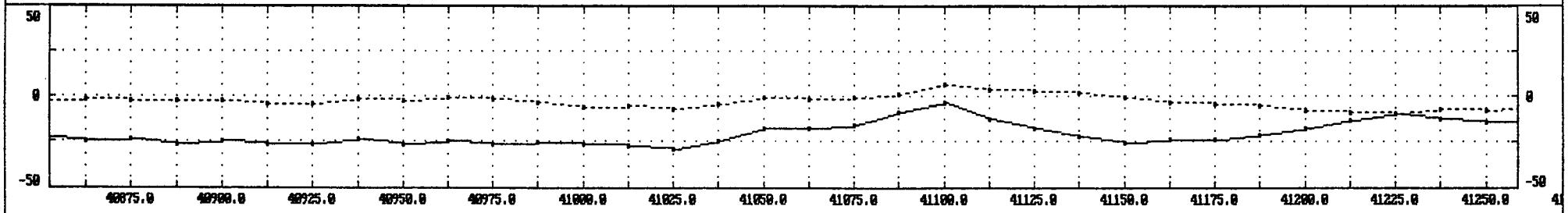


12.5	0.1	0.4	0.9	0.4	-0.4	0.7	0.8	1.2	-1.7	-2.2	-0.4	-2.3	-3.3	-4.6	-3.5	-5.9	-4.7	-1.5	-0.8	0.0	0.2	4.0	3.5	1.7	0.7	0.1	-0.7	-1.1	-1.7	-2.5	-2.0	-1.0	12.5
25.0	0.4	1.1	0.9	0.1	0.4	0.6	1.4	-0.9	-1.5	-2.5	-4.6	-3.8	-5.6	-6.5	-9.6	-7.5	-6.1	-4.6	-1.8	-0.7	2.5	2.7	4.8	3.6	1.1	-0.3	-0.3	-1.7	-3.1	-3.3	-3.3	-2.7	25.0
37.5	0.3	0.4	-0.1	0.7	0.8	1.0	-2.1	-1.8	-1.7	-3.3	-5.1	-7.8	-6.2	-9.9	-9.4	-9.4	-7.5	-7.0	-4.9	1.4	1.8	3.0	2.0	3.7	2.1	0.4	-1.9	-2.9	-3.0	-3.2	-3.5	-3.8	37.5
50.0	-0.4	-0.7	0.0	0.3	0.5	-1.8	-1.7	-2.4	-2.8	-4.1	-5.7	-7.1	-11.6	-9.5	-10.8	-10.2	-10.1	-7.8	-3.8	-2.3	2.0	2.0	2.9	1.5	2.3	0.7	-2.9	-3.8	-3.9	-4.7	-3.9	-4.2	50.0
62.5	-1.7	-1.3	-0.7	0.5	-1.7	-1.3	-1.1	-2.0	-4.2	-5.3	-6.0	-10.6	-11.6	-12.9	-10.4	-11.9	-10.7	-7.0	-4.8	-2.5	-1.8	2.4	1.9	2.0	0.6	0.4	-1.6	-4.2	-5.7	-5.6	-5.5	-4.1	62.5
75.0	-1.7	-0.9	0.2	-2.0	-0.3	-0.5	-1.4	-3.3	-5.1	-6.9	-10.7	-11.0	-12.4	-12.5	-14.1	-10.9	-8.5	-7.5	-5.7	-3.8	-2.2	-1.9	1.8	0.8	0.2	-1.5	-0.8	-2.2	-3.9	-5.4	-5.4	-2.6	75.0

BIRK CREEK. VLF DATA,

LINE 20600N. 24.0 KHZ.

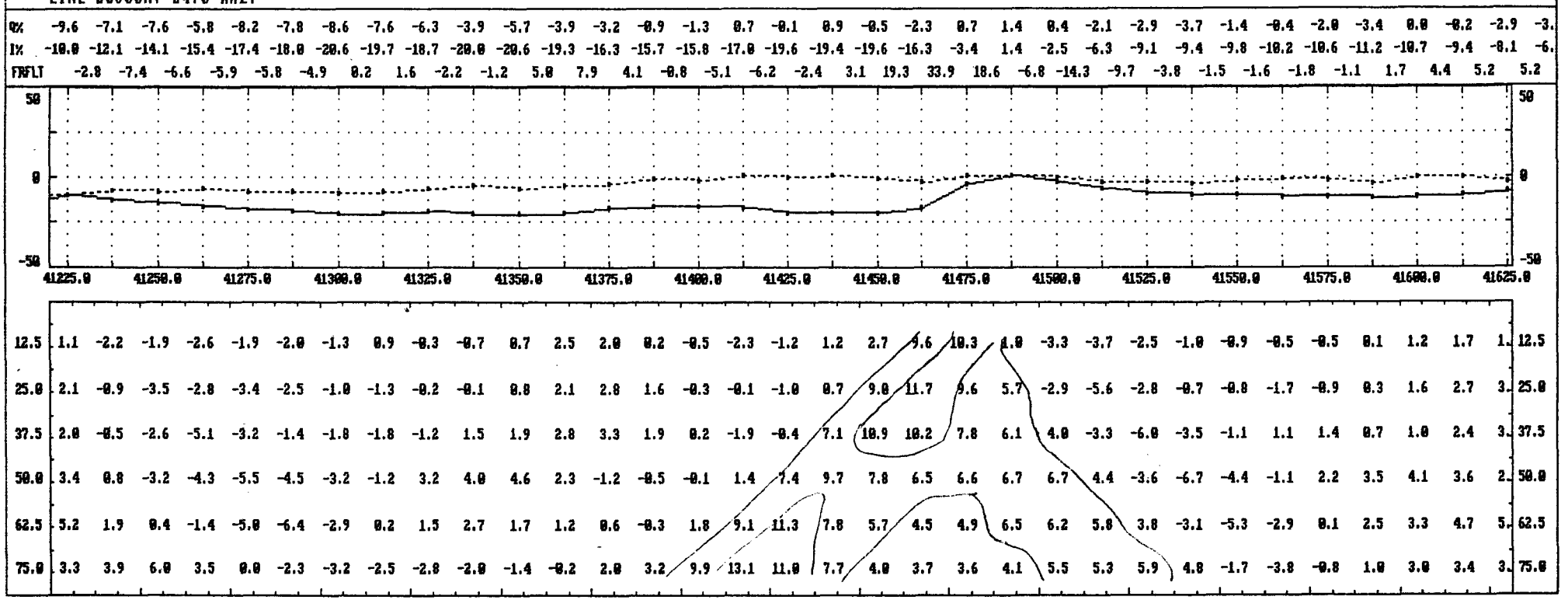
Q%	-1.8	-2.4	-2.5	-2.5	-4.3	-4.2	-2.8	-2.6	-1.2	-2.8	-3.0	-6.2	-5.5	-6.7	-4.0	-0.9	-1.4	-1.1	0.8	5.9	3.6	2.7	1.7	-1.2	-3.4	-4.2	-5.3	-7.9	-8.8	-9.6	-7.1	-7.6	-5.8
I%	-24.3	-23.0	-26.2	-24.0	-26.6	-25.9	-23.7	-26.2	-24.2	-26.3	-25.7	-26.3	-27.2	-29.0	-24.8	-17.8	-17.8	-15.4	-8.9	-3.4	-12.3	-17.4	-21.5	-25.2	-24.0	-23.5	-20.9	-17.6	-13.4	-10.0	-12.1	-14.1	-15.4
FRFLT	-4.0	-3.1	-2.9	-1.4	-1.5	1.8	2.6	-0.8	-0.6	-1.6	-1.5	-1.5	-4.2	-0.3	13.6	18.2	9.4	11.3	20.9	8.6	-17.4	-23.2	-17.0	-10.3	-0.8	4.8	9.0	13.4	15.1	8.9	-2.8	-7.4	-6.6	-5.9



12.5	-1.0	-1.5	-0.8	0.0	-1.0	1.9	-0.5	-0.2	0.0	-1.2	-0.1	-0.7	-0.7	1.7	6.8	5.0	3.0	5.4	6.4	-2.2	-8.1	-5.4	-5.7	-1.9	0.9	2.1	4.2	4.6	4.7	1.1	-2.2	-1.9	12.5
25.0	-2.7	-1.7	-1.7	-1.7	1.0	-1.0	1.0	-0.7	-0.9	0.8	-0.7	-0.9	1.6	6.5	5.5	7.2	8.5	7.5	3.2	-0.1	-6.3	-11.7	-5.4	-2.0	0.1	2.7	5.1	6.9	4.8	2.1	-0.9	-3.5	25.0
37.5	-3.8	-3.1	-2.5	-0.1	-2.3	0.7	-0.6	1.2	0.4	-0.8	0.0	0.5	4.7	3.6	5.5	9.7	14.4	7.3	0.9	-1.1	-4.1	-6.9	-10.0	-4.2	0.1	5.2	8.2	5.6	3.5	2.0	-0.5	-2.6	37.5
50.0	-4.2	-3.8	-0.8	-1.3	0.6	-0.6	1.4	0.3	0.0	-2.1	-1.6	3.2	2.8	5.6	9.8	13.5	9.7	8.0	2.8	-3.4	-3.4	-4.8	-6.7	-7.6	0.0	5.3	6.3	7.0	5.1	3.4	0.8	-3.2	50.0
62.5	-4.1	-1.6	-2.7	0.8	0.6	0.5	-1.2	-1.0	-3.9	-0.7	3.2	2.7	5.9	9.4	14.0	8.6	5.8	3.8	2.2	0.4	-3.5	-2.1	-1.2	-2.8	-3.5	0.9	3.0	4.8	6.4	5.2	1.9	0.4	62.5
75.0	-2.6	-3.6	-2.4	-3.7	-2.1	-2.2	-2.1	-3.5	0.8	4.1	5.5	6.8	8.9	13.1	6.7	4.7	1.9	-0.1	1.6	2.9	2.3	0.0	2.8	3.7	-1.4	-5.5	-1.3	0.8	2.7	3.3	3.9	6.0	75.0

BIRK CREEK. VLF DATA,

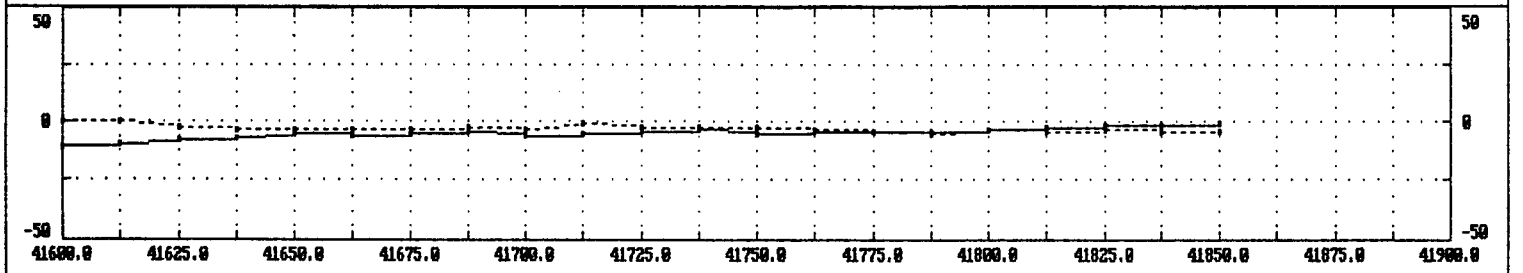
LINE 20600N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 28600N. 24.0 KHZ.

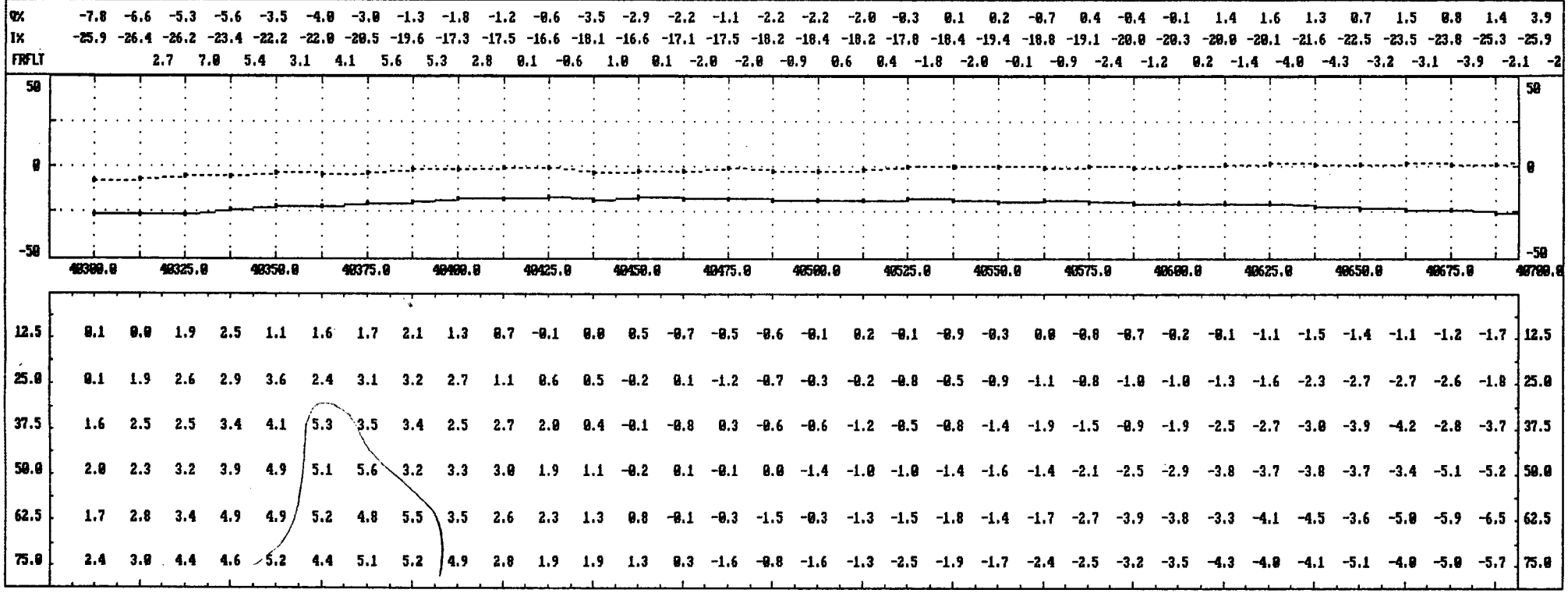
Q%	0.0	-0.2	-2.9	-3.1	-3.7	-3.0	-3.7	-2.2	-3.0	-0.9	-2.8	-2.7	-2.1	-3.7	-4.6	-4.8	-3.0	-3.9	-3.3	-4.5	-4.1
I%	-10.7	-9.4	-8.1	-6.8	-5.5	-5.8	-4.9	-4.6	-5.8	-4.8	-4.6	-3.0	-4.9	-4.4	-4.1	-4.7	-3.3	-2.5	-1.6	-1.7	-0.7
FRFLT	4.4	5.2	5.2	3.6	1.6	1.8	0.3	-1.1	1.0	3.0	1.5	-1.7	-0.6	0.5	0.5	3.0	3.9	2.5	1.7		



12.5	.2	1.7	1.7	1.8	0.9	0.4	0.9	-0.5	0.2	0.6	1.0	0.0	-0.8	0.7	-0.2	0.7	1.4	1.1	0.8	0.8	1.2
25.0	.6	2.7	3.0	2.2	2.1	1.8	0.2	0.8	0.5	1.0	0.7	0.6	0.5	-0.8	1.2	1.5	1.7	1.9	1.9	1.7	1.6
37.5	.0	2.4	3.1	3.4	2.8	1.4	1.3	1.0	2.2	0.8	0.8	1.5	0.5	1.2	0.7	2.3	1.9	2.6	3.1	2.7	2.4
50.0	.1	3.6	2.9	2.7	2.4	2.6	2.3	2.5	0.8	1.4	1.2	0.9	2.4	2.2	2.5	1.5	2.9	3.1	3.2	4.0	3.6
62.5	.3	4.7	5.0	4.4	4.8	3.4	3.1	1.7	1.6	1.3	1.2	1.7	2.1	3.4	2.9	3.4	2.7	4.1	4.0	4.1	4.0
75.0	.0	3.4	3.8	5.1	5.5	6.5	5.0	4.3	2.4	0.8	1.3	2.3	2.6	2.5	3.9	3.8	4.2	3.7	5.2	5.1	5.1

BIRK CREEK. VLF DATA,

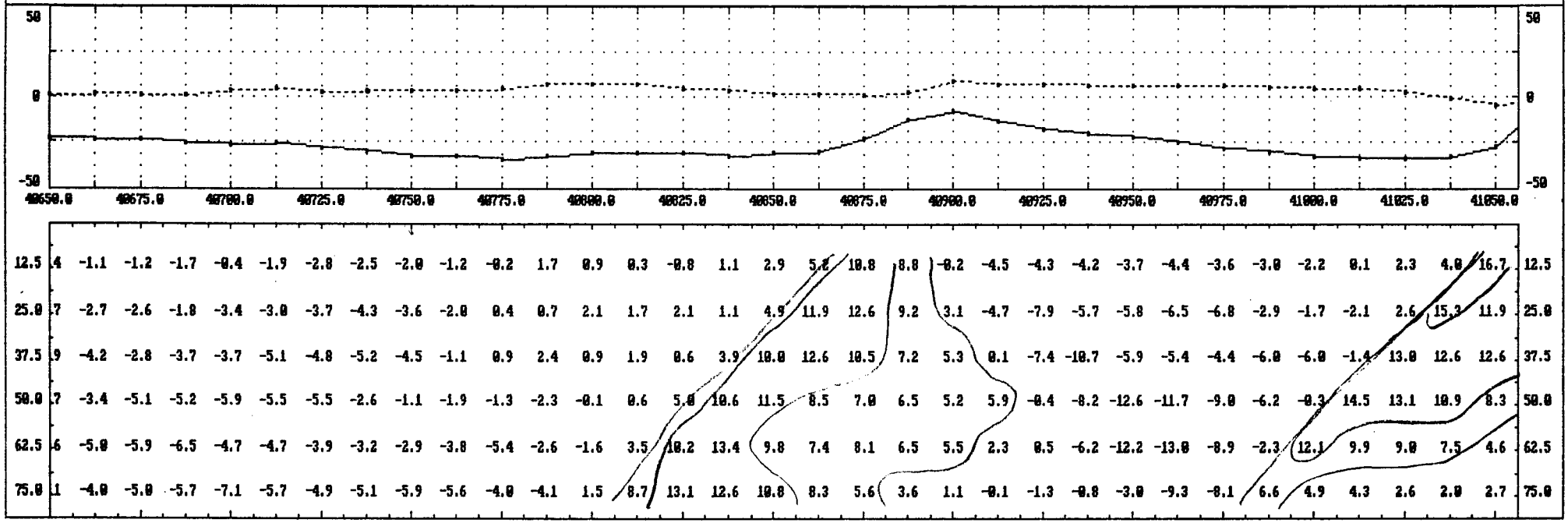
LINE 20800N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 20800N. 24.0 KHZ.

0%	0.7	1.5	0.8	1.4	3.9	4.7	3.2	3.6	3.6	3.6	4.2	6.8	6.9	6.9	4.9	3.8	1.5	2.0	1.3	3.1	8.9	7.6	7.0	6.5	6.4	5.9	5.9	5.1	4.9	4.1	2.4	-0.5	-4.2	-8.2
1%	-22.5	-23.5	-23.0	-25.3	-25.9	-25.3	-28.3	-29.6	-32.1	-32.4	-34.0	-32.5	-30.9	-30.6	-31.1	-32.5	-30.4	-29.9	-23.1	-11.8	-8.1	-13.3	-17.2	-20.1	-22.3	-24.0	-28.3	-30.0	-32.6	-33.0	-33.0	-32.9	-26.9	-4.4
FRFLT	-3.2	-3.1	-3.9	-2.1	-2.4	-6.7	-8.1	-6.6	-4.7	-2.0	3.0	5.0	1.7	-2.1	-1.2	3.3	9.9	25.4	33.1	13.5	-10.6	-15.9	-11.9	-9.8	-10.7	-11.2	-9.5	-7.3	-3.4	-0.3	6.2	34.6	44.7	7

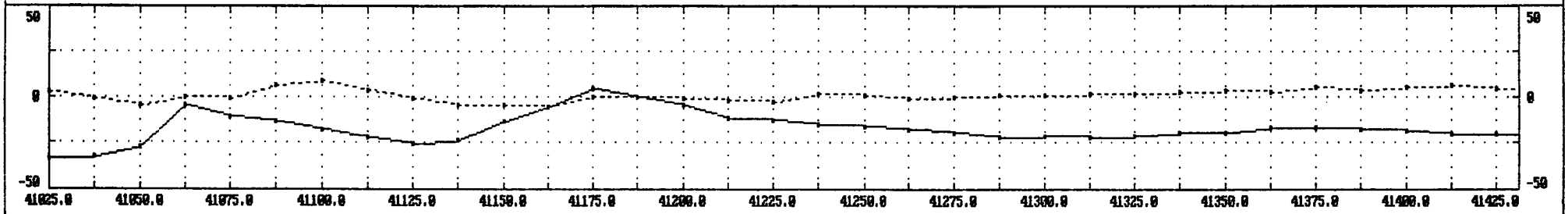


12.5	.4	-1.1	-1.2	-1.7	-0.4	-1.9	-2.8	-2.5	-2.0	-1.2	-0.2	1.7	0.9	0.3	-0.8	1.1	2.9	5.2	10.8	8.8	-0.2	-4.5	-4.3	-4.2	-3.7	-4.4	-3.6	-3.0	-2.2	0.1	2.3	4.0	16.7	12.5
25.0	.7	-2.7	-2.6	-1.8	-3.4	-3.0	-3.7	-4.3	-3.6	-2.0	0.4	0.7	2.1	1.7	2.1	1.1	4.9	11.9	12.6	9.2	3.1	-4.7	-7.9	-5.7	-5.8	-6.5	-6.8	-2.9	-1.7	-2.1	2.6	15.3	11.9	25.0
37.5	.9	-4.2	-2.8	-3.7	-3.7	-5.1	-4.8	-5.2	-4.5	-1.1	0.9	2.4	0.9	1.9	0.6	3.9	10.0	12.6	10.5	7.2	5.3	0.1	-7.4	-10.7	-5.9	-5.4	-4.4	-6.0	-6.0	-1.4	13.0	12.6	12.6	37.5
50.0	.7	-3.4	-5.1	-5.2	-5.9	-5.5	-5.5	-2.6	-1.1	-1.9	-1.3	-2.3	-0.1	0.6	5.0	10.6	11.5	8.5	7.0	6.5	5.2	5.9	-0.4	-8.2	-12.6	-11.7	-9.0	-6.2	-0.3	14.5	13.1	10.9	8.3	50.0
62.5	.6	-5.0	-5.9	-6.5	-4.7	-4.7	-3.9	-3.2	-2.9	-3.8	-5.4	-2.6	-1.6	3.5	10.2	13.4	9.8	7.4	8.1	6.5	5.5	2.3	0.5	-6.2	-12.2	-13.0	-8.9	-2.3	12.1	9.9	9.0	7.5	4.6	62.5
75.0	.1	-4.0	-5.0	-5.7	-7.1	-5.7	-4.9	-5.1	-5.9	-5.6	-4.0	-4.1	1.5	8.7	13.1	12.6	10.0	8.3	5.6	3.6	1.1	-0.1	-1.3	-0.8	-3.0	-9.3	-8.1	6.6	4.9	4.3	2.6	2.0	2.7	75.0

BIRK CREEK. VLF DATA,

LINE 20800N. 24.0 KHZ.

0%	2.4	-0.5	-4.2	-0.2	-0.6	6.3	8.5	3.5	-1.1	-4.0	-4.3	-5.3	0.1	0.5	-1.0	-1.9	-2.3	1.6	1.3	-1.0	-0.3	1.3	0.9	1.6	2.1	3.2	3.8	2.7	5.0	3.8	5.1	5.9	4.7	4.4
I%	-33.0	-32.9	-26.9	-4.4	-10.7	-13.0	-17.5	-22.3	-25.2	-23.4	-13.0	-4.9	4.2	0.1	-4.3	-11.7	-11.9	-15.2	-15.8	-17.7	-19.4	-21.7	-21.1	-22.2	-20.9	-19.0	-19.3	-16.7	-17.0	-17.5	-18.8	-20.2	-20.0	-20.6
FRFLT	6.2	34.6	44.7	7.6	-15.4	-16.1	-17.0	-8.8	11.1	38.7	35.7	22.2	-3.5	-20.3	-19.4	-11.1	-7.4	-6.4	-6.1	-7.6	-5.7	-2.2	-0.3	3.4	4.8	3.9	4.6	1.5	-2.6	-4.5	-3.9	-1.6	-0.7	0

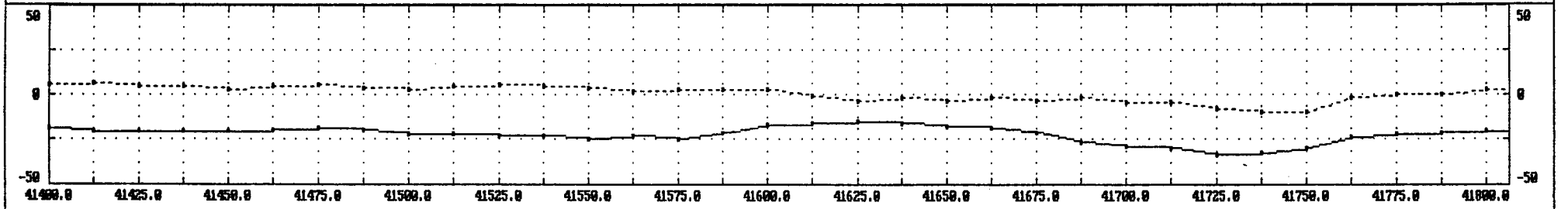


12.5	.3	4.0	16.7	9.5	-4.3	-2.6	-6.3	-3.9	-0.1	8.0	10.9	10.4	3.5	-4.3	-6.7	-5.4	-3.1	-3.4	-2.0	-2.6	-2.6	-1.2	-0.3	0.0	2.2	1.0	1.5	1.4	-0.6	-0.9	-1.7	-0.8	-0.3	12.5
25.0	.6	15.3	11.9	11.2	6.8	-7.7	-5.2	-2.4	4.0	8.2	15.6	12.3	4.3	-3.8	-8.3	-7.7	-5.9	-3.8	-5.8	-5.0	-4.0	-2.8	-1.2	1.2	0.6	2.6	2.0	0.8	0.3	-1.6	-1.4	-1.6	-1.0	25.0
37.5	.0	12.6	12.6	11.0	7.3	1.7	-11.0	-1.1	5.0	14.4	14.2	12.6	4.7	-0.7	-7.1	-11.7	-9.2	-6.8	-3.4	-4.4	-4.3	-4.9	-2.5	-1.4	2.1	1.6	2.2	0.8	-0.8	-0.8	-2.4	-2.0	-1.0	37.5
50.0	.1	10.9	8.3	5.0	3.0	4.1	6.8	-0.8	8.0	7.2	7.9	7.8	9.2	6.5	-0.6	-8.4	-14.1	-12.9	-9.2	-5.0	-3.3	-0.8	-1.9	-0.4	-0.5	0.7	-0.2	0.2	-0.6	-1.8	-1.4	-2.1	-1.3	50.0
62.5	.9	7.5	4.6	3.7	3.7	9.3	13.9	16.2	1.3	2.8	0.5	3.4	5.0	7.9	5.4	-1.8	-8.0	-13.8	-14.6	-10.6	-4.4	-3.4	0.9	0.9	1.2	-0.2	-0.6	-2.1	-1.1	-1.4	-1.0	0.0	-1.1	62.5
75.0	.6	2.0	2.7	4.7	11.6	16.3	20.7	17.4	11.0	-4.9	-1.3	-1.6	0.6	2.2	3.7	2.6	-2.9	-8.1	-12.5	-9.4	-8.2	-4.8	-3.6	-1.4	-1.1	-0.3	0.8	1.5	0.7	0.8	-0.1	-1.2	-2.3	75.0

BIRK CREEK. VLF DATA,

LINE 20000N. 24.0 KHZ.

%:	5.1	5.9	4.7	4.4	2.9	4.6	5.1	3.8	3.2	4.4	5.2	4.4	3.7	2.1	3.1	2.7	3.0	-0.7	-3.1	-1.5	-3.7	-1.8	-3.3	-1.8	-4.3	-4.7	-7.4	-10.0	-9.4	-1.8	0.0	0.5	2.4	2.6
I%:	-18.8	-20.2	-20.0	-20.6	-20.3	-19.5	-18.6	-18.9	-21.6	-22.0	-22.4	-22.7	-24.6	-22.9	-24.3	-20.9	-16.4	-15.8	-14.7	-15.6	-17.3	-18.3	-20.7	-26.3	-28.9	-30.2	-33.0	-32.6	-29.0	-24.0	-21.6	-20.8	-19.9	-18.8
FRFLT:	-3.9	-1.6	-0.7	0.8	2.8	2.3	-2.4	-6.1	-3.9	-1.5	-2.9	-2.4	0.1	2.3	9.9	13.0	6.8	1.9	-2.4	-5.3	-6.1	-11.4	-16.2	-12.1	-8.0	-6.5	0.8	11.8	16.8	11.4	4.9	3.7	3.4	2

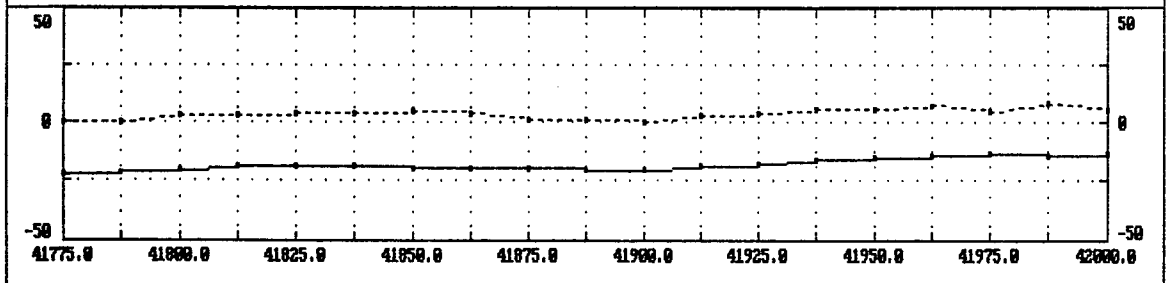


12.5	.7	-0.8	-0.3	-0.2	0.7	0.7	0.3	-1.7	-1.8	-0.8	-0.6	-1.5	0.1	0.7	1.3	5.0	3.0	1.4	0.4	-1.7	-2.2	-2.7	-5.3	-5.5	-2.9	-2.9	-1.1	2.2	5.1	5.2	2.6	1.8	1.6	12.5
25.0	.4	-1.6	-1.0	-0.1	0.4	0.5	-1.2	-1.6	-2.3	-2.0	-0.9	0.0	-1.0	1.0	4.6	3.9	5.1	2.3	-1.2	-1.8	-3.5	-6.3	-6.8	-6.5	-6.9	-3.7	-0.7	3.1	6.1	6.8	5.7	3.2	2.5	25.0
37.5	.4	-2.0	-1.0	0.0	0.7	-1.1	-0.9	-1.0	-1.4	-2.9	-2.0	-1.5	0.6	3.1	2.9	4.3	2.8	3.0	0.6	-2.7	-5.5	-7.0	-7.2	-7.9	-7.4	-5.0	1.2	3.7	4.8	6.6	6.9	5.7	3.4	37.5
50.0	.4	-2.1	-1.3	-0.5	-0.8	0.0	-0.3	-0.6	-2.3	-2.3	-3.9	-2.3	1.7	2.4	3.1	3.2	3.6	2.6	2.3	-2.6	-6.5	-7.7	-10.0	-9.1	-6.2	-2.7	0.2	3.3	4.7	6.2	7.8	7.8	5.8	50.0
62.5	.0	0.0	-1.1	-2.4	-2.1	-1.7	-1.2	-2.6	-1.8	-3.2	-2.0	-0.3	0.2	2.9	3.4	3.2	3.3	3.0	-1.2	-2.3	-5.1	-9.5	-9.7	-8.5	-4.9	-2.4	-0.8	1.4	5.2	7.1	7.8	8.1	7.5	62.5
75.0	.1	-1.2	-2.3	-3.7	-4.2	-4.4	-5.0	-3.0	-3.9	-1.2	1.5	2.4	2.7	2.3	3.1	2.6	1.4	-1.8	-2.3	-3.9	-5.0	-6.8	-7.8	-4.8	-4.1	-2.8	-1.0	0.5	2.4	5.7	6.8	7.1	8.4	75.0

BIRK CREEK. VLF DATA,

LINE 20800N. 24.0 KHZ.

Q%	0.0	0.5	2.4	2.6	3.5	4.0	4.4	3.9	1.2	0.8	0.3	2.4	3.9	5.0	5.2	6.9	4.2	7.9	5.5
I%	-21.6	-20.8	-19.9	-18.8	-18.5	-18.0	-19.1	-19.3	-19.7	-20.6	-20.6	-18.3	-17.5	-16.0	-14.5	-13.9	-13.1	-13.6	-13.5
FRFLT	4.9	3.7	3.4	2.2	0.2	-1.9	-1.9	-1.9	-2.2	1.4	5.4	5.4	5.3	5.1	3.5	1.7	-0.1		



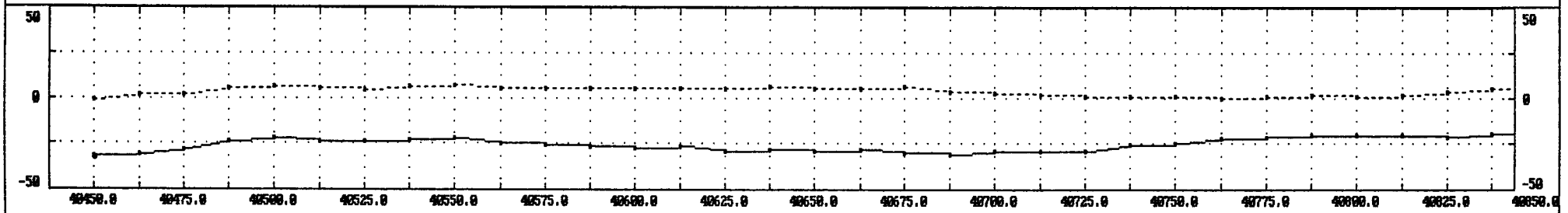
12.5	.6	1.8	1.6	0.9	0.6	-0.3	-0.8	-0.4	-0.7	-0.4	1.5	2.0	1.6	2.2	1.4	1.1	0.4	-0.1	0
25.0	.7	3.2	2.5	2.5	1.3	0.3	-0.2	-1.0	-0.3	0.9	1.5	2.7	3.6	2.6	2.7	1.8	1.1	0.6	0
37.5	.9	5.7	3.4	1.9	1.7	1.7	0.7	0.2	0.6	1.4	2.3	3.3	4.0	4.4	2.7	2.4	1.6	0.9	0
50.0	.8	7.8	5.8	2.4	0.9	0.4	0.3	1.4	2.1	2.7	3.9	3.8	4.2	4.4	4.3	2.9	2.4	1.5	0
62.5	.8	8.1	7.5	5.2	1.3	0.0	0.7	1.0	1.9	3.2	3.5	4.9	4.8	4.8	4.8	4.6	3.1	2.6	1
75.0	.8	7.1	8.4	7.2	5.0	2.7	1.5	1.9	2.3	2.1	2.8	3.2	4.2	4.6	5.1	5.7	5.4	3.6	2

12.5
25.0
37.5
50.0
62.5
75.0

BIRK CREEK. VLF DATA,

LINE 21000N. 24.0 KHZ.

Q%	-0.4	1.6	2.2	5.6	6.5	5.3	4.9	6.3	7.1	5.6	5.4	5.2	5.2	5.0	5.2	6.3	5.7	5.2	6.2	4.0	3.1	1.9	0.6	0.7	1.3	0.4	1.2	1.7	0.6	2.1	3.7	5.2	6.5
I%	-31.4	-30.7	-28.1	-23.0	-22.3	-23.4	-23.3	-22.9	-22.1	-24.9	-25.7	-26.4	-27.4	-26.7	-28.6	-28.3	-29.4	-27.7	-29.9	-30.5	-29.4	-28.8	-28.7	-25.6	-24.2	-22.1	-20.9	-20.5	-20.0	-20.0	-21.3	-19.4	-20.4
FRFLT		10.2	12.7	6.2	-0.6	-0.5	1.7	-0.8	-5.6	-5.1	-3.2	-2.0	-1.5	-2.8	-2.4	-0.2	0.1	-3.3	-2.3	2.2	2.4	3.9	7.7	8.0	6.8	4.9	2.5	1.4	-0.8	-0.7	1.5	-0.6	-2

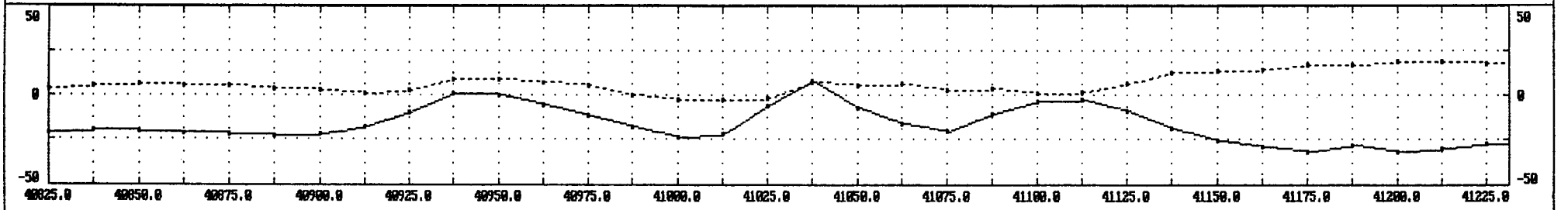


12.5	1.9	2.2	4.3	3.6	0.7	0.0	0.2	0.4	-1.3	-2.2	-0.9	-1.5	-0.3	-0.9	-0.9	-0.6	0.0	-0.2	-1.6	0.4	1.1	0.7	2.3	3.0	2.3	2.4	1.2	0.7	0.6	-0.7	0.3	0.4	12.5
25.0	1.6	5.3	5.2	3.9	2.7	0.9	0.4	-0.3	-1.1	-2.2	-3.4	-1.1	-1.9	-1.7	-1.6	-0.7	-0.9	-1.0	0.3	-0.3	1.2	3.2	3.3	4.0	4.7	3.5	2.8	1.6	0.3	0.0	0.1	0.1	25.0
37.5	2.4	4.3	4.8	3.9	3.9	2.8	-0.7	-1.9	-1.1	-1.9	-1.7	-3.5	-2.0	-2.3	-0.5	-1.3	-1.9	-0.4	0.0	0.7	1.4	3.4	4.9	5.2	4.9	5.0	3.1	2.0	2.4	2.2	2.7	1.6	37.5
50.0	1.5	2.3	3.4	4.8	4.2	2.5	0.5	-2.3	-3.2	-2.0	-2.6	-1.8	-2.9	-0.4	-1.3	-1.8	-0.8	-1.0	-0.1	1.5	2.7	3.2	5.0	5.4	5.3	5.4	5.7	6.0	4.7	2.4	0.3	-1.0	50.0
62.5	-0.4	0.7	2.3	3.7	3.3	2.0	1.4	-0.6	-2.1	-3.8	-2.5	-2.9	-1.7	-3.1	-1.7	-1.1	-0.3	-0.1	0.8	2.2	3.2	4.5	4.1	6.5	8.1	6.8	7.0	5.7	2.4	0.0	-1.7	0.4	62.5
75.0	-1.9	-0.6	1.2	0.9	1.7	2.7	1.4	1.7	-0.7	-2.8	-4.2	-2.7	-3.9	-4.1	-3.8	-1.5	-0.8	1.3	2.6	3.7	6.1	6.7	7.3	6.0	5.7	6.3	3.7	3.0	4.2	3.5	2.2	2.7	75.0

BIRK CREEK. VLF DATA,

LINE 21000N. 24.0 KHZ.

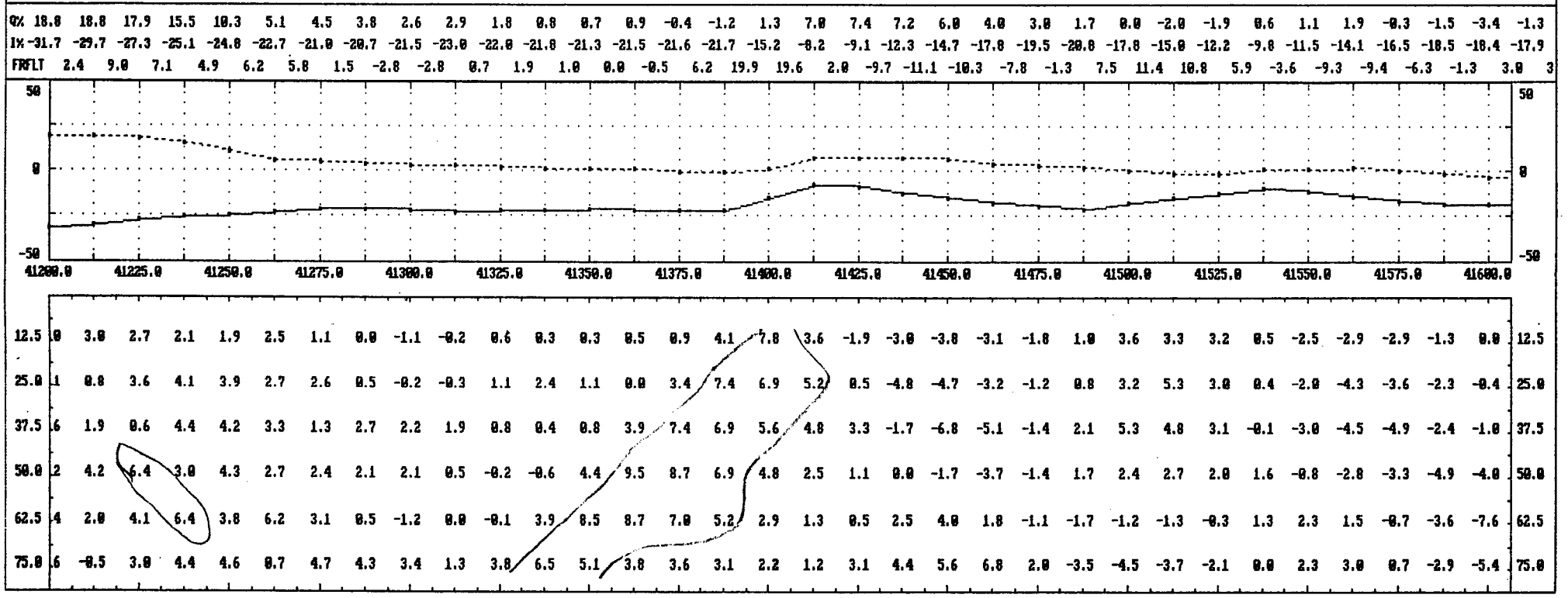
%%	3.7	5.2	6.5	5.0	5.7	4.0	2.4	0.7	2.8	9.0	8.6	7.0	5.4	0.0	-2.5	-2.9	-1.7	6.9	5.1	6.0	3.1	3.5	0.8	2.0	6.0	12.1	13.7	14.0	17.1	17.2	18.8	18.8	17.9	15.5
I%	-21.3	-19.4	-20.4	-20.9	-21.8	-23.2	-22.0	-17.8	-9.2	1.1	-0.3	-4.8	-11.2	-17.4	-23.7	-21.6	-6.0	8.0	-6.8	-16.0	-20.1	-10.5	-3.3	-2.4	-9.1	-18.3	-25.1	-29.0	-31.4	-27.7	-31.7	-29.7	-27.3	-25.1
FRFLT	1.5	-0.6	-2.9	-3.7	-2.5	5.2	18.2	31.7	27.8	3.0	-16.8	-23.5	-25.1	-16.7	13.5	47.3	28.8	-24.8	-37.3	-7.8	22.3	24.9	2.3	-21.7	-31.9	-26.7	-17.0	-5.0	1.0	-2.3	2.4	9.0	7.1	4



12.5	3	0.4	-1.1	-0.6	-1.0	0.8	4.5	7.9	11.2	5.3	-3.2	-6.5	-8.0	-6.6	-1.4	8.9	15.8	-0.4	-11.5	-6.1	1.8	8.4	3.7	-3.3	-9.5	-10.3	-7.3	-5.3	0.0	-0.4	-1.0	3.0	2.7	12.5
25.0	1	0.1	1.0	-0.1	0.4	2.1	6.9	12.9	11.2	6.9	0.6	-7.0	-11.8	-9.6	2.2	13.7	9.7	3.0	-8.9	-11.6	2.0	8.4	4.7	-7.3	-14.1	-15.3	-11.6	-5.2	-4.8	-2.1	1.1	0.8	3.6	25.0
37.5	7	1.6	-0.4	-0.3	0.2	5.1	11.6	13.4	13.4	7.6	-0.4	-9.9	-12.6	-1.4	9.9	4.5	0.9	0.3	3.0	-1.6	-8.1	-2.9	-1.0	-1.1	-9.3	-16.9	-16.9	-13.3	-5.6	-0.2	1.6	1.9	0.6	37.5
50.0	3	-1.8	-2.0	0.9	8.5	14.7	13.3	9.7	5.1	2.7	-0.1	-0.6	2.9	3.2	-5.2	-8.0	-6.0	4.6	11.9	11.0	-2.4	-16.8	-12.3	-8.6	-6.1	-8.0	-14.6	-15.1	-11.8	-6.3	-0.2	4.2	6.4	50.0
62.5	7	0.4	4.1	7.9	13.3	12.7	9.2	6.1	3.6	0.2	1.2	8.0	12.6	-0.9	-11.1	-12.5	-4.1	4.4	9.3	9.6	3.8	-9.1	-20.1	-14.6	-9.0	-8.7	-11.6	-12.8	-12.3	-8.2	-2.4	2.0	4.1	62.5
75.0	2	2.7	7.1	13.5	12.4	9.1	6.8	2.0	-1.5	-1.0	7.6	16.3	7.0	0.2	-6.5	-6.5	-1.6	1.3	1.8	0.1	0.2	-2.0	-12.8	-18.0	-13.3	-7.9	-5.4	-10.4	-12.6	-10.0	-5.6	-0.5	3.0	75.0

BIRK CREEK. VLF DATA,

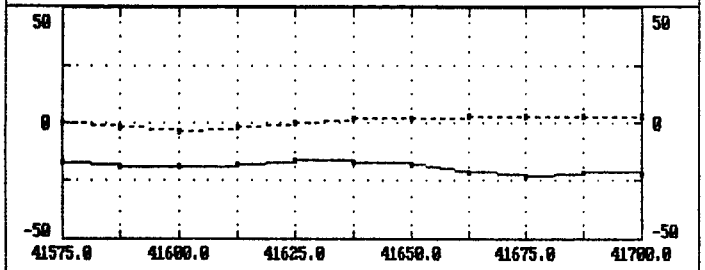
LINE 21000N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 21000N. 24.0 KHZ.

0%	-0.3	-1.5	-3.4	-1.3	0.4	1.6	1.8	2.6	2.4	3.0	3.2
1%	-16.5	-18.5	-18.4	-17.9	-16.0	-16.8	-17.7	-20.9	-22.4	-21.3	-21.8
FRFLT	-6.3	-1.3	3.0	3.5	-0.6	-5.8	-8.8	-5.1	0.2		

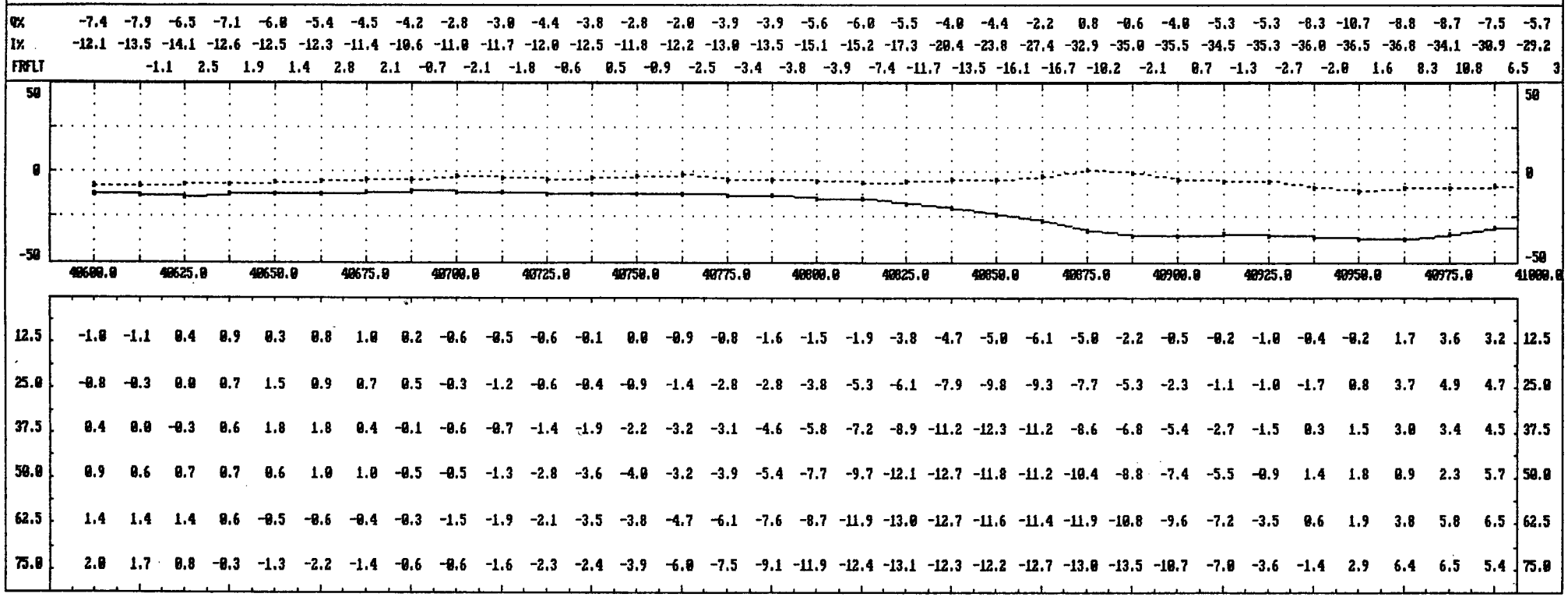


12.5	.9	-1.3	0.0	1.1	0.3	-1.2	-2.3	-3.0	-0.5	0.0	-0
25.0	.6	-2.3	-0.4	0.2	-0.3	-2.3	-4.0	-2.7	-2.3	-0.7	-0
37.5	.9	-2.4	-1.0	-0.4	-1.5	-2.8	-2.9	-4.2	-3.5	-2.8	-0
50.0	.3	-4.9	-4.0	-3.9	-3.0	-1.0	-1.8	-2.6	-4.2	-4.2	-3
62.5	.7	-3.6	-7.6	-7.4	-4.9	-3.4	-1.9	-1.7	-2.0	-3.6	-3
75.0	.7	-2.9	-5.4	-6.3	-6.4	-5.8	-4.3	-2.8	-2.5	-2.4	-3

12.5	12.5
25.0	25.0
37.5	37.5
50.0	50.0
62.5	62.5
75.0	75.0

BIRK CREEK. VLF DATA,

LINE 21200N. 24.0 KHZ.



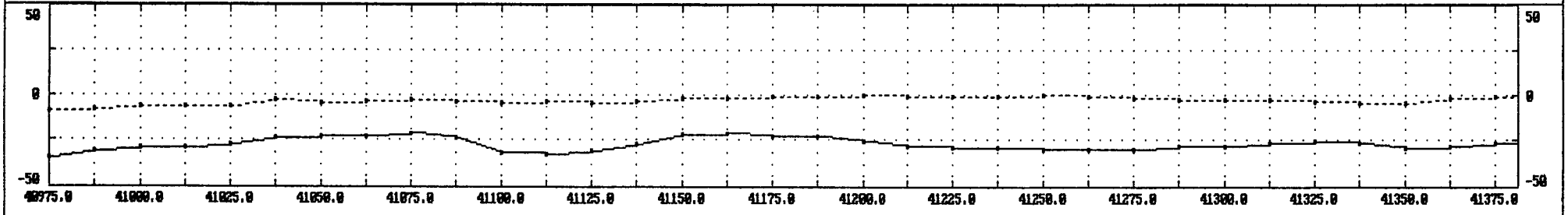
QX	-7.4	-7.9	-6.5	-7.1	-6.0	-5.4	-4.5	-4.2	-2.8	-3.0	-4.4	-3.8	-2.8	-2.0	-3.9	-3.9	-5.6	-6.0	-5.5	-4.0	-4.4	-2.2	0.8	-0.6	-4.0	-5.3	-5.3	-8.3	-10.7	-8.8	-8.7	-7.5	-5.7
IX	-12.1	-13.5	-14.1	-12.6	-12.5	-12.3	-11.4	-10.6	-11.0	-11.7	-12.0	-12.5	-11.8	-12.2	-13.0	-13.5	-15.1	-15.2	-17.3	-20.4	-23.0	-27.4	-32.9	-35.0	-35.5	-34.5	-35.3	-36.0	-36.5	-36.0	-34.1	-30.9	-29.2
FRFLT			-1.1	2.5	1.9	1.4	2.8	2.1	-0.7	-2.1	-1.8	-0.6	0.5	-0.9	-2.5	-3.4	-3.8	-3.9	-7.4	-11.7	-13.5	-16.1	-16.7	-10.2	-2.1	0.7	-1.3	-2.7	-2.0	1.6	8.3	10.8	6.5	3

	40600.0	40625.0	40650.0	40675.0	40700.0	40725.0	40750.0	40775.0	40800.0	40825.0	40850.0	40875.0	40900.0	40925.0	40950.0	40975.0	41000.0
12.5	-1.0	-1.1	0.4	0.9	0.3	0.8	1.0	0.2	-0.6	-0.5	-0.6	-0.1	0.0	-0.9	-0.8	-1.6	-1.5	-1.9	-3.8	-4.7	-5.0	-6.1	-5.0	-2.2	-0.5	-0.2	-1.0	-0.4	-0.2	1.7	3.6	3.2	12.5
25.0	-0.8	-0.3	0.0	0.7	1.5	0.9	0.7	0.5	-0.3	-1.2	-0.6	-0.4	-0.9	-1.4	-2.8	-2.8	-3.8	-5.3	-6.1	-7.9	-9.8	-9.3	-7.7	-5.3	-2.3	-1.1	-1.0	-1.7	0.8	3.7	4.9	4.7	25.0
37.5	0.4	0.0	-0.3	0.6	1.8	1.8	0.4	-0.1	-0.6	-0.7	-1.4	-1.9	-2.2	-3.2	-3.1	-4.6	-5.8	-7.2	-8.9	-11.2	-12.3	-11.2	-8.6	-6.8	-5.4	-2.7	-1.5	0.3	1.5	3.0	3.4	4.5	37.5
50.0	0.9	0.6	0.7	0.7	0.6	1.0	1.0	-0.5	-0.5	-1.3	-2.8	-3.6	-4.0	-3.2	-3.9	-5.4	-7.7	-9.7	-12.1	-12.7	-11.8	-11.2	-10.4	-8.8	-7.4	-5.5	-0.9	1.4	1.8	0.9	2.3	5.7	50.0
62.5	1.4	1.4	1.4	0.6	-0.5	-0.6	-0.4	-0.3	-1.5	-1.9	-2.1	-3.5	-3.8	-4.7	-6.1	-7.6	-8.7	-11.9	-13.0	-12.7	-11.6	-11.4	-11.9	-10.8	-9.6	-7.2	-3.5	0.6	1.9	3.8	5.8	6.5	62.5
75.0	2.0	1.7	0.8	-0.3	-1.3	-2.2	-1.4	-0.6	-0.6	-1.6	-2.3	-2.4	-3.9	-6.0	-7.5	-9.1	-11.9	-12.4	-13.1	-12.3	-12.2	-12.7	-13.0	-13.5	-10.7	-7.0	-3.6	-1.4	2.9	6.4	6.5	5.4	75.0

BIRK CREEK. VLF DATA,

LINE 21200N. 24.0 KHZ.

0%	-8.7	-7.5	-5.7	-6.3	-6.1	-2.6	-4.3	-3.6	-2.5	-3.1	-4.5	-3.2	-4.6	-3.8	-1.7	-1.4	-0.6	-1.2	-0.1	-0.8	-0.9	-0.8	-0.3	-0.6	-2.0	-2.6	-2.3	-2.9	-3.5	-4.7	-4.1	-1.9	-0.7	-1.7
1%	-34.1	-30.9	-29.2	-29.3	-27.6	-23.5	-22.9	-22.7	-21.1	-23.8	-31.3	-32.2	-30.6	-27.1	-21.5	-21.4	-22.5	-23.2	-25.5	-27.7	-29.3	-29.4	-29.7	-29.6	-29.7	-28.3	-27.8	-26.3	-25.8	-26.4	-29.2	-28.1	-26.6	-23.8
FRFLT	10.8	6.5	3.2	7.4	10.5	5.5	2.6	0.7	-11.3	-18.6	-7.7	5.8	14.2	14.8	4.7	-2.8	-4.8	-7.5	-8.3	-5.5	-2.1	-0.6	-0.2	1.3	3.2	3.9	4.0	1.9	-3.5	-5.1	0.9	6.9	9.8	8

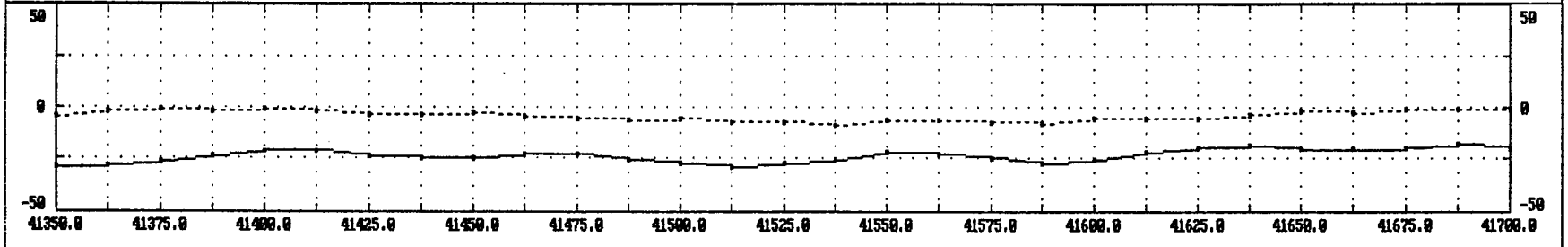


12.5	.6	3.2	1.9	1.6	3.7	3.1	0.6	0.7	-1.0	-5.9	-4.6	0.5	2.5	5.4	3.6	-0.3	-0.8	-2.1	-2.9	-2.5	-1.4	-0.5	-0.1	0.1	0.9	1.3	1.2	1.1	0.0	-1.7	-0.7	1.8	2.5	12.5
25.0	.9	4.7	4.3	4.6	3.3	3.8	4.1	0.4	-3.7	-4.3	-4.9	-1.9	5.3	5.5	3.4	1.4	-2.2	-3.1	-3.2	-3.1	-2.6	-1.3	-0.4	0.2	0.5	1.6	2.4	1.5	-0.1	-0.4	-0.3	1.5	4.8	25.0
37.5	.4	4.5	6.9	6.1	5.0	5.7	4.4	-0.9	-3.9	-3.9	-2.4	-0.3	1.5	5.0	4.9	2.5	-1.0	-5.2	-4.8	-3.4	-2.6	-1.9	-0.2	0.5	1.7	2.4	1.8	0.1	-0.1	0.7	1.7	3.1	3.1	37.5
50.0	.3	5.7	7.6	8.4	8.1	4.7	-1.0	-1.8	-1.8	-1.8	1.3	1.4	-0.2	0.9	3.8	3.2	1.4	-1.3	-5.4	-5.5	-4.9	-2.9	0.2	2.3	2.9	1.9	-0.3	0.3	1.4	2.0	3.2	2.3	0.8	50.0
62.5	.8	6.5	6.5	7.3	5.7	0.2	-1.7	-1.2	1.1	3.5	1.5	0.9	0.7	-1.4	-1.0	1.9	2.1	1.0	-0.6	-3.8	-3.8	-3.3	-2.2	-0.7	0.8	0.9	1.5	2.2	3.0	4.0	3.2	1.9	0.6	62.5
75.0	.5	5.4	6.2	4.9	0.8	0.4	0.1	0.9	3.6	4.2	3.2	0.6	-1.1	-2.3	-3.8	-2.1	2.4	3.2	1.9	0.2	-2.7	-2.1	-2.0	-2.6	-2.9	-1.0	1.1	3.0	5.8	5.8	3.8	2.0	1.5	75.0

BIRK CREEK. VLF DATA,

LINE 21200N. 24.0 KHZ.

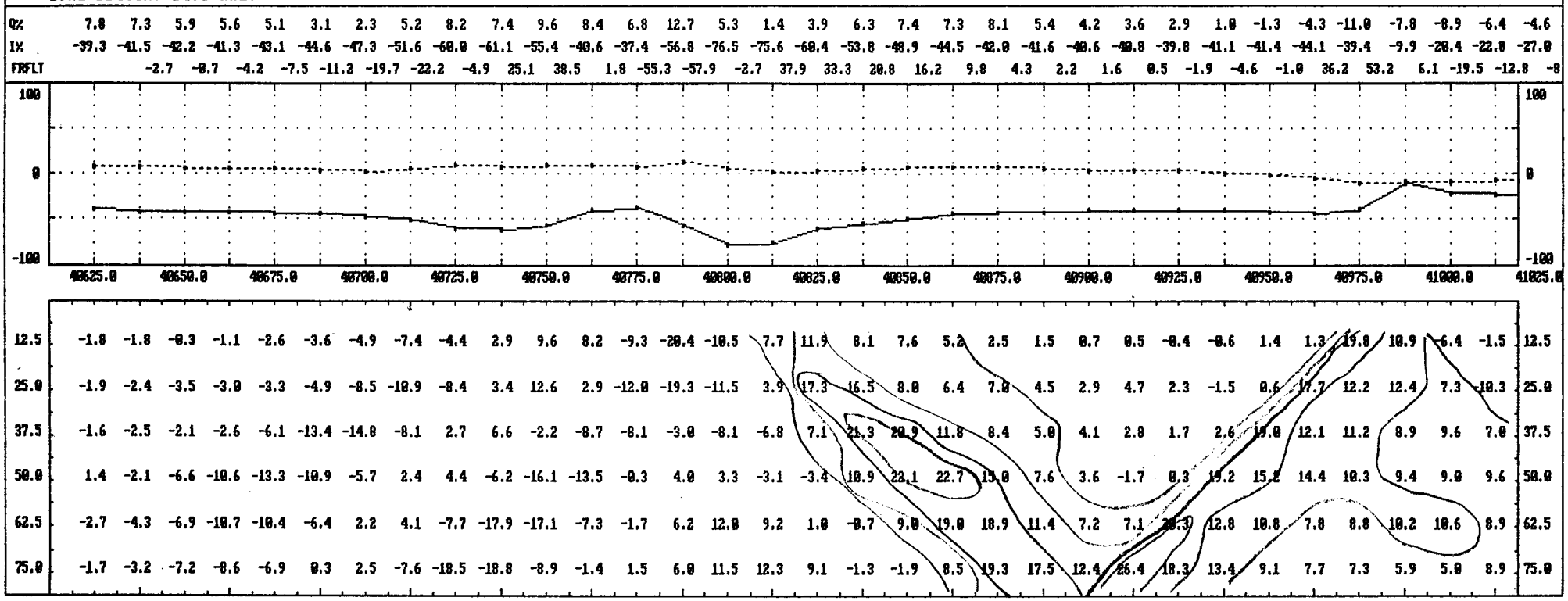
%:	-4.1	-1.9	-0.7	-1.7	-0.6	-1.7	-3.0	-3.3	-2.8	-4.0	-4.8	-5.8	-5.6	-7.1	-6.9	-8.9	-6.4	-6.2	-6.7	-8.0	-5.5	-5.3	-4.9	-3.0	-1.6	-2.6	-0.5	-0.5	-1.0
I%:	-29.2	-28.1	-26.6	-23.8	-21.1	-21.2	-24.1	-25.0	-24.2	-22.9	-23.0	-25.5	-27.4	-29.0	-27.1	-25.6	-22.3	-22.8	-24.8	-26.8	-25.5	-21.9	-18.9	-18.4	-20.2	-20.5	-18.9	-17.9	-19.2
FRFLT		0.9	6.9	9.8	8.1	-0.4	-6.8	-3.9	2.0	3.3	-1.4	-7.0	-7.9	-3.2	3.7	8.2	7.6	0.3	-6.5	-4.7	4.2	11.5	10.1	2.2	-3.4	-0.8	3.9	2.3	



12.5	.7	1.8	2.5	3.2	1.6	-1.4	-1.9	-0.1	0.7	0.4	-1.7	-2.4	-2.0	0.2	1.9	2.6	1.7	-1.2	-1.7	-0.1	2.8	3.7	2.3	-0.1	-0.8	0.7	1.3	-0.2	-0	12.5
25.0	.3	1.5	4.8	4.1	1.4	-0.9	-1.8	-0.9	0.9	0.0	-1.7	-3.5	-2.5	-0.2	2.8	3.7	1.6	-0.4	-1.5	0.9	4.0	5.4	2.9	0.6	0.2	0.9	1.2	1.0	-0	25.0
37.5	.7	3.1	3.1	2.9	1.5	1.4	0.5	-0.7	-2.0	-1.3	-2.0	-1.4	-1.3	0.7	1.9	1.8	1.5	1.0	2.2	1.8	2.6	3.0	4.3	4.3	2.5	-0.3	-0.5	0.9	1	37.5
50.0	.2	2.3	0.8	1.0	3.5	3.8	2.6	-0.8	-3.7	-4.2	-1.1	0.7	2.2	0.9	-0.5	-0.5	1.0	4.0	4.8	4.2	1.2	1.1	3.2	5.2	4.2	2.2	0.2	-0.4	0	50.0
62.5	.2	1.9	0.6	0.9	1.9	3.7	1.9	0.4	-1.8	-2.4	-1.9	1.6	1.6	0.0	-1.5	-0.4	2.6	5.1	6.1	3.8	2.8	2.0	2.8	3.0	4.1	3.4	1.8	0.3	0	62.5
75.0	.8	2.0	1.5	1.6	1.5	0.6	1.3	0.1	0.6	-0.1	0.0	-0.3	0.1	-0.5	-0.3	0.9	2.8	4.6	4.7	5.3	5.0	4.5	1.7	1.8	3.1	4.1	3.4	1.3	-0	75.0

BIRK CREEK. VLF DATA,

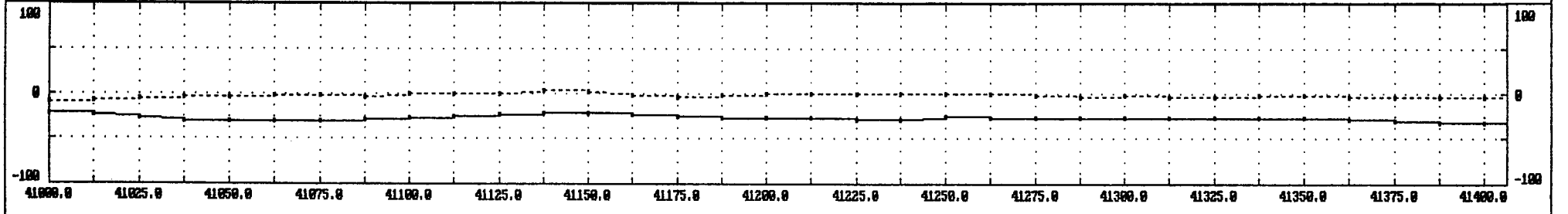
LINE 21400N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 21400N. 24.0 KHZ.

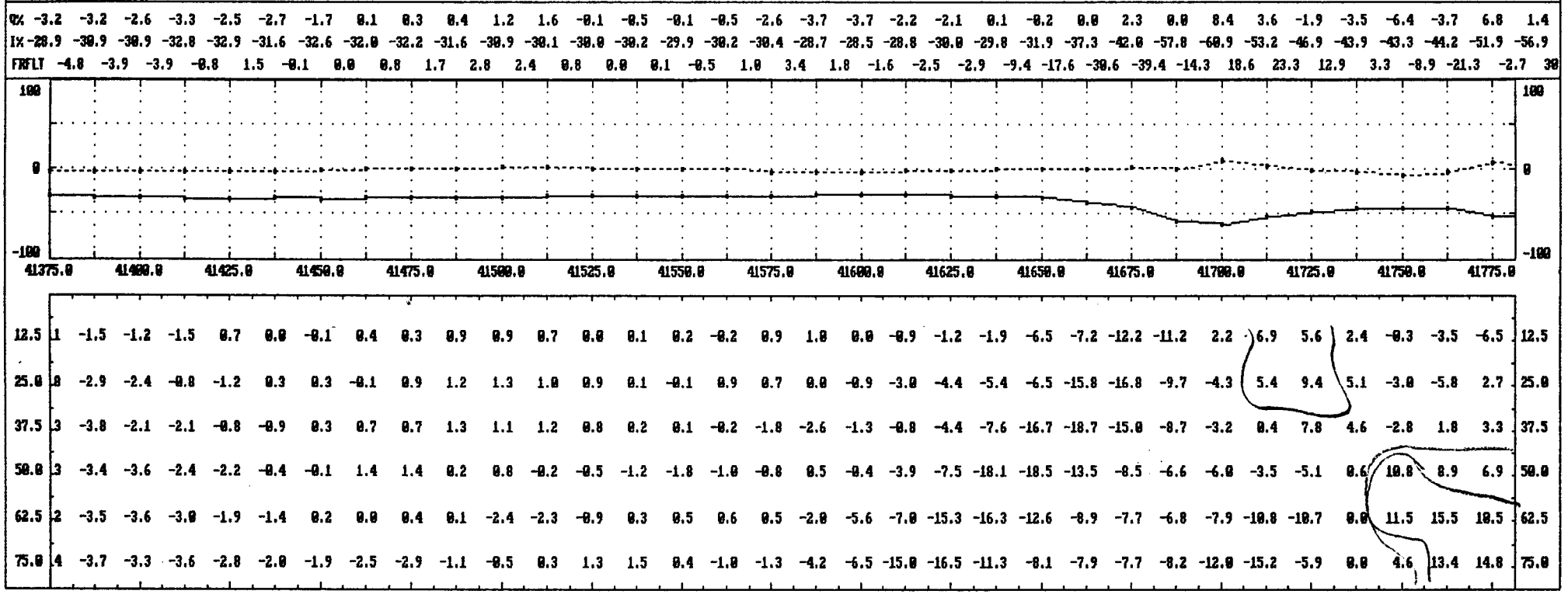
0%	-6.9	-6.4	-4.6	-3.7	-2.5	-1.6	-2.3	-3.3	-0.5	0.5	0.6	3.8	1.9	-2.0	-2.5	-0.8	-0.6	0.0	-0.4	0.1	0.3	0.3	-1.1	-2.6	-2.3	-3.5	-3.4	-1.4	-2.3	-3.0	-3.2	-3.2	-2.6	-3.3
1%	-20.4	-22.8	-27.0	-29.0	-29.0	-29.2	-29.6	-28.3	-26.8	-24.9	-22.2	-20.3	-20.5	-23.1	-24.7	-25.8	-25.8	-26.7	-27.8	-27.4	-25.1	-25.6	-25.5	-25.7	-26.0	-26.1	-26.7	-25.5	-26.5	-28.1	-28.9	-30.9	-30.9	-32.8
FRFLT	-19.5	-12.8	-8.2	-2.2	-0.8	0.3	3.7	6.2	8.0	9.2	6.3	-1.1	-7.0	-6.9	-3.8	-2.0	-2.9	-2.7	2.0	4.5	1.4	-0.5	-0.6	-0.9	-1.1	-0.1	0.8	-2.4	-5.0	-5.2	-4.8	-3.9	-3.9	-0



12.5	4	-1.5	-4.9	-1.7	-0.5	-0.4	0.8	2.0	2.4	3.0	2.7	1.1	-1.5	-2.4	-1.9	-1.1	-0.8	-1.1	-0.4	1.5	1.0	-0.1	0.1	-0.4	-0.1	-0.5	0.1	-0.1	-1.0	-1.5	-2.1	-1.5	-1.2	12.5
25.0	3	-10.3	-3.9	-0.5	0.7	-0.5	0.9	1.9	3.9	4.5	3.6	1.1	-1.3	-2.9	-2.5	-1.7	-1.8	-1.3	-0.1	0.3	1.1	0.9	-0.6	-0.5	-0.7	-0.1	-0.7	-1.5	-1.7	-3.2	-2.8	-2.9	-2.4	25.0
37.5	6	7.0	-9.6	-4.3	-2.3	2.4	4.2	5.2	3.1	4.2	2.3	1.2	-0.3	-1.7	-3.3	-3.7	-2.0	0.1	0.4	-0.1	-0.1	0.1	0.0	-1.4	-0.6	-1.1	-1.5	-1.7	-2.7	-2.7	-4.3	-3.8	-2.1	37.5
50.0	0	9.6	6.2	-9.9	-3.3	-1.0	3.0	7.2	6.7	5.5	4.2	-0.3	-0.2	-1.6	-3.4	-3.8	-2.4	-1.2	-0.1	0.1	-0.2	-0.2	-0.2	0.2	-1.7	-2.0	-2.4	-3.3	-2.8	-3.7	-3.3	-3.4	-3.6	50.0
62.5	6	8.9	10.4	8.2	-7.6	-0.2	2.1	4.2	4.2	4.9	3.7	3.8	2.7	0.6	-3.4	-2.7	-4.0	-3.4	-1.9	-0.9	0.0	-0.2	0.9	0.8	-0.6	-2.7	-3.6	-3.7	-4.4	-4.2	-3.2	-3.5	-3.6	62.5
75.0	0	8.9	12.4	14.9	12.3	-3.8	1.6	0.9	1.9	2.3	2.4	3.6	2.5	1.7	2.0	0.6	-1.3	-5.3	-4.4	-2.5	-1.4	0.4	0.0	-0.2	0.1	-1.6	-3.1	-4.2	-4.7	-4.0	-4.4	-3.7	-3.3	75.0

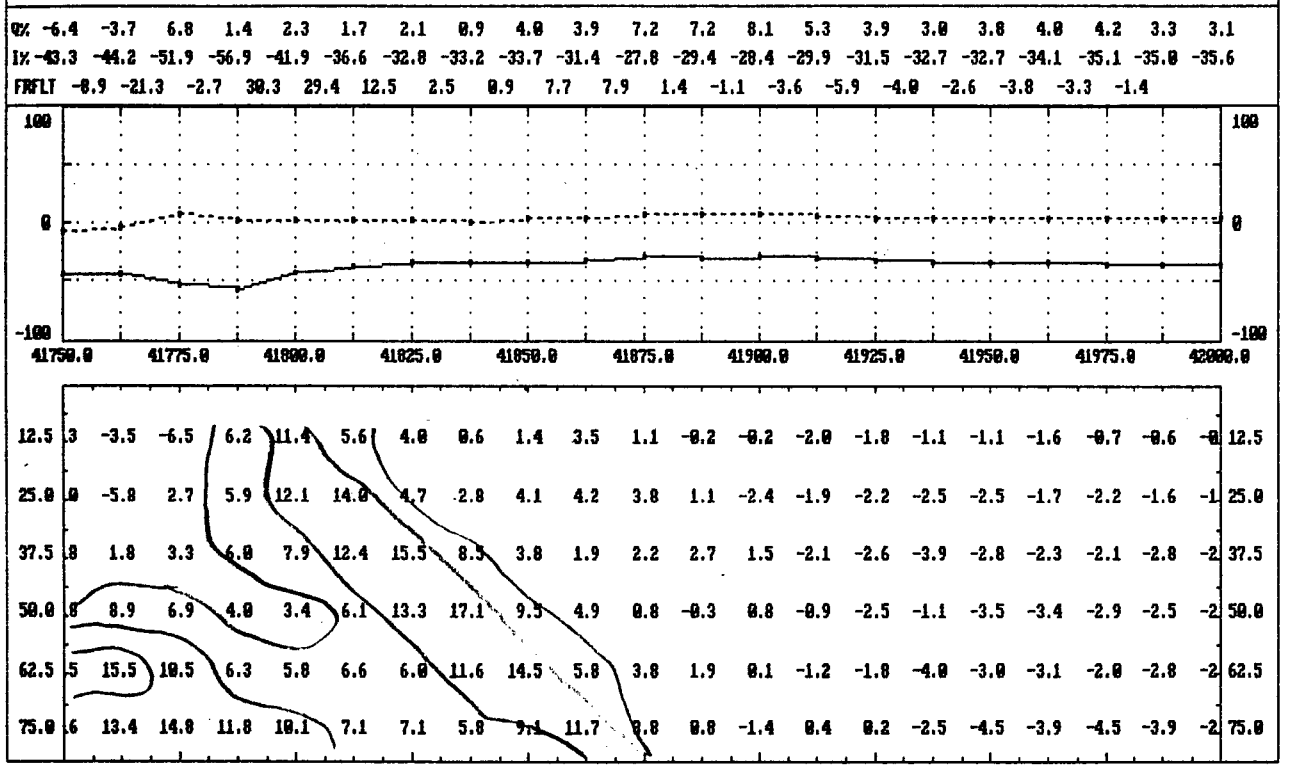
BIRK CREEK. VLF DATA,

LINE 21400N. 24.0 KHZ.



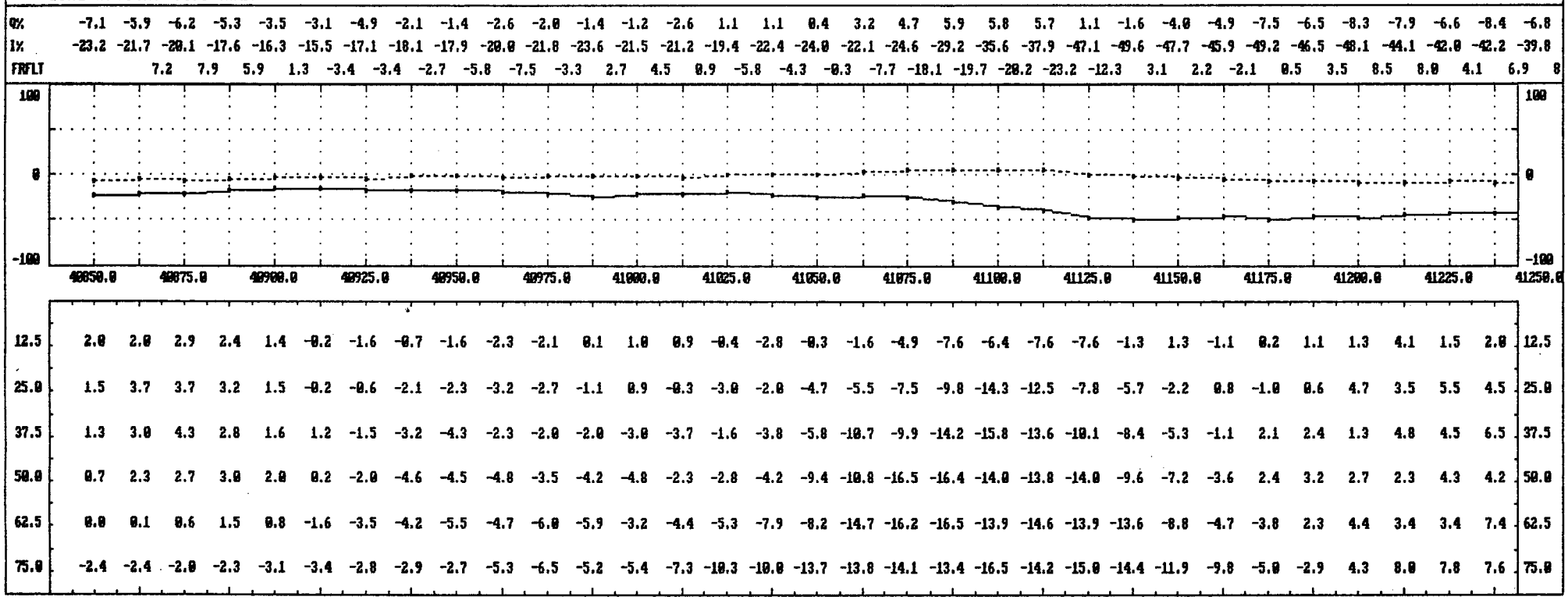
BIRK CREEK. VLF DATA,

LINE 21400N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 21600N. 24.0 KHZ.

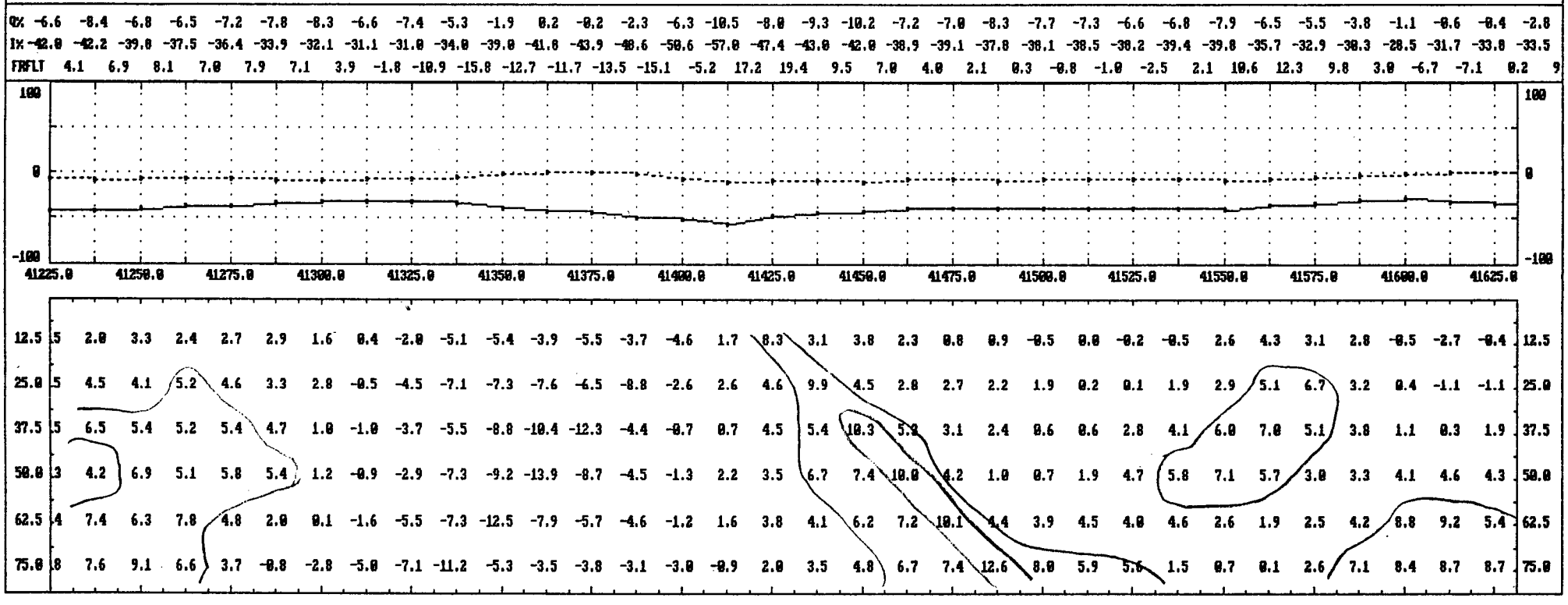


%%	-7.1	-5.9	-6.2	-5.3	-3.5	-3.1	-4.9	-2.1	-1.4	-2.6	-2.0	-1.4	-1.2	-2.6	1.1	1.1	0.4	3.2	4.7	5.9	5.8	5.7	1.1	-1.6	-4.0	-4.9	-7.5	-6.5	-8.3	-7.9	-6.6	-8.4	-6.8
I%	-23.2	-21.7	-20.1	-17.6	-16.3	-15.5	-17.1	-18.1	-17.9	-20.0	-21.8	-23.6	-21.5	-21.2	-19.4	-22.4	-24.0	-22.1	-24.6	-29.2	-35.6	-37.9	-47.1	-49.6	-47.7	-45.9	-49.2	-46.5	-48.1	-44.1	-42.0	-42.2	-39.8
FRFLT		7.2	7.9	5.9	1.3	-3.4	-3.4	-2.7	-5.8	-7.5	-3.3	2.7	4.5	0.9	-5.8	-4.3	-0.3	-7.7	-18.1	-19.7	-20.2	-23.2	-12.3	3.1	2.2	-2.1	0.5	3.5	8.5	8.0	4.1	6.9	8

	40850.0	40875.0	40900.0	40925.0	40950.0	40975.0	41000.0	41025.0	41050.0	41075.0	41100.0	41125.0	41150.0	41175.0	41200.0	41225.0	41250.0
12.5	2.0	2.0	2.9	2.4	1.4	-0.2	-1.6	-0.7	-1.6	-2.3	-2.1	0.1	1.0	0.9	-0.4	-2.8	-0.3	-1.6	-4.9	-7.6	-6.4	-7.6	-7.6	-1.3	1.3	-1.1	0.2	1.1	1.3	4.1	1.5	2.0	12.5
25.0	1.5	3.7	3.7	3.2	1.5	-0.2	-0.6	-2.1	-2.3	-3.2	-2.7	-1.1	0.9	-0.3	-3.0	-2.0	-4.7	-5.5	-7.5	-9.8	-14.3	-12.5	-7.0	-5.7	-2.2	0.0	-1.0	0.6	4.7	3.5	5.5	4.5	25.0
37.5	1.3	3.0	4.3	2.0	1.6	1.2	-1.5	-3.2	-4.3	-2.3	-2.0	-2.0	-3.0	-3.7	-1.6	-3.0	-5.0	-10.7	-9.9	-14.2	-15.0	-13.6	-10.1	-8.4	-5.3	-1.1	2.1	2.4	1.3	4.0	4.5	6.5	37.5
50.0	0.7	2.3	2.7	3.0	2.0	0.2	-2.0	-4.6	-4.5	-4.0	-3.5	-4.2	-4.0	-2.3	-2.0	-4.2	-9.4	-10.0	-16.5	-16.4	-14.0	-13.0	-14.0	-9.6	-7.2	-3.6	2.4	3.2	2.7	2.3	4.3	4.2	50.0
62.5	0.0	0.1	0.6	1.5	0.0	-1.6	-3.5	-4.2	-5.5	-4.7	-6.0	-5.9	-3.2	-4.4	-5.3	-7.9	-0.2	-14.7	-16.2	-16.5	-13.9	-14.6	-13.9	-13.6	-0.0	-4.7	-3.0	2.3	4.4	3.4	3.4	7.4	62.5
75.0	-2.4	-2.4	-2.0	-2.3	-3.1	-3.4	-2.0	-2.9	-2.7	-5.3	-6.5	-5.2	-5.4	-7.3	-10.3	-10.0	-13.7	-13.0	-14.1	-13.4	-16.5	-14.2	-15.0	-14.4	-11.9	-9.0	-5.0	-2.9	4.3	0.0	7.0	7.6	75.0

BIRK CREEK. VLF DATA,

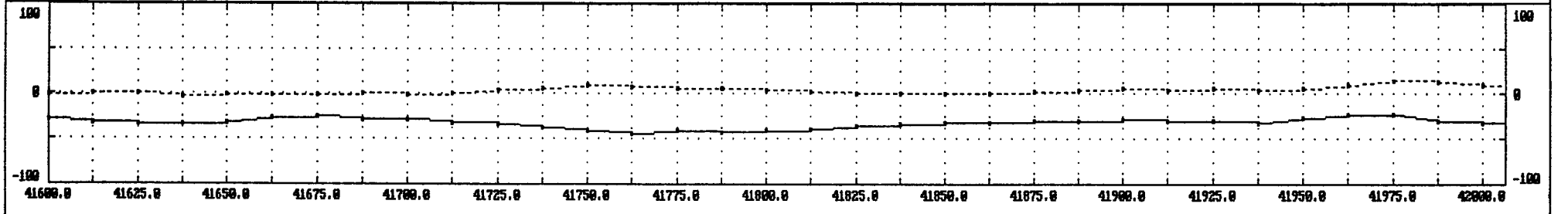
LINE 21600N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 21600N. 24.0 KHZ.

%%	-1.1	-0.6	-0.4	-2.8	-1.7	-2.4	-0.9	-0.3	-0.7	0.5	4.1	5.5	8.3	7.4	5.7	5.4	3.8	1.9	0.9	-0.4	0.1	0.0	2.5	3.6	6.2	4.2	6.4	4.0	5.0	8.4	13.8	12.2	8.9	8.1
Ix	-28.5	-31.7	-33.8	-33.5	-31.8	-25.9	-24.5	-27.2	-27.9	-31.1	-33.8	-36.8	-39.9	-43.3	-40.5	-41.8	-40.5	-38.0	-35.8	-32.6	-32.0	-31.4	-30.8	-29.4	-27.6	-29.8	-29.7	-31.3	-27.0	-21.9	-22.7	-29.2	-31.4	-31.1
FRFLT	-6.7	-7.1	0.2	9.6	14.9	6.0	-4.7	-7.3	-9.8	-11.6	-11.8	-12.6	-7.1	0.9	1.5	3.8	8.5	10.1	9.2	5.0	3.2	4.0	4.4	2.0	-2.5	-3.6	1.2	12.1	13.7	-3.0	-16.0	-10.6	-1.2	0

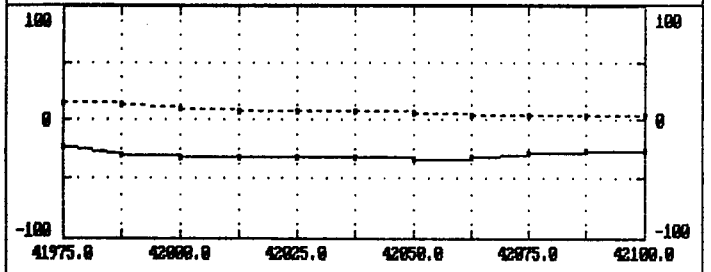


12.5	5	-2.7	-0.4	1.2	4.2	4.3	-0.7	-1.8	-2.8	-4.3	-4.1	-4.0	-4.3	-0.7	0.8	0.1	2.9	3.8	3.6	2.8	1.2	1.8	1.1	1.5	-0.2	-0.8	-0.1	1.5	4.9	2.1	-3.8	-4.7	-1.6	12.5
25.0	4	-1.1	-1.1	3.5	5.1	2.8	1.0	-3.9	-5.4	-5.2	-6.7	-7.2	-4.2	-2.9	-0.6	2.7	2.6	5.2	5.4	4.3	3.6	2.4	3.5	2.5	1.2	-1.3	0.0	4.5	4.1	1.0	-2.9	-5.3	-4.0	25.0
37.5	1	0.3	1.9	1.8	2.2	3.6	1.4	-1.2	-6.5	-8.9	-8.6	-6.2	-5.1	-3.3	-0.8	2.0	5.5	4.1	5.1	5.8	5.7	5.7	2.2	1.3	0.4	2.5	4.8	3.0	0.5	-0.4	0.9	-1.6	-5.2	37.5
50.0	1	4.6	4.3	1.2	0.1	0.8	0.7	-0.5	-3.0	-9.0	-8.6	-8.2	-7.0	-3.4	-0.4	2.7	4.9	7.0	5.8	6.4	6.1	3.3	2.7	0.5	3.0	6.1	5.1	1.6	-0.6	0.6	0.5	0.5	-2.2	50.0
62.5	3	9.2	5.4	3.7	0.3	-2.1	-2.2	-2.5	-4.4	-3.7	-7.7	-8.0	-5.8	-4.1	-0.2	1.8	3.6	6.0	8.0	6.8	5.5	4.8	2.8	4.2	5.9	5.4	2.0	0.4	0.6	-0.2	0.7	0.1	1.6	62.5
75.0	4	8.7	8.7	5.4	1.4	-2.3	-5.1	-6.0	-3.3	-4.2	-3.9	-5.1	-4.8	-2.1	-1.7	0.2	2.1	3.8	6.4	7.7	6.9	6.6	8.0	8.8	7.0	1.6	0.2	0.3	0.2	-0.2	-1.3	1.3	3.0	75.0

BIRK CREEK. VLF DATA,

LINE 21600N. 24.0 KHZ.

QX	13.8	12.2	8.9	8.1	7.8	7.2	5.2	4.3	4.5	3.7	4.1
IX	-22.7	-29.2	-31.4	-31.1	-30.7	-31.8	-32.7	-31.3	-27.8	-26.4	-26.3
FRFLT	-16.0	-10.6	-1.2	0.0	-2.7	-1.5	5.4	9.8	6.4		

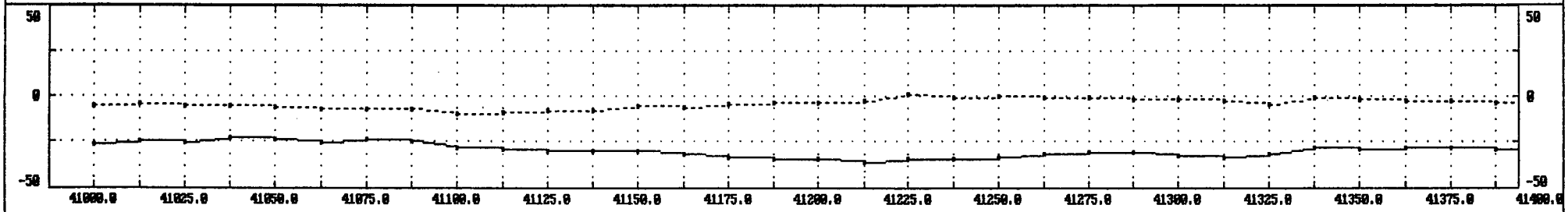


12.5	8	-4.7	-1.6	-0.5	-0.5	-0.7	0.6	2.9	3.0	1.4	1	12.5
25.0	9	-5.3	-4.0	-0.4	-0.4	-0.6	1.2	3.3	4.2	4.0	2	25.0
37.5	9	-1.6	-5.2	-5.5	-0.5	3.0	3.8	2.8	3.5	4.7	5	37.5
50.0	5	0.5	-2.2	-4.5	-2.1	2.2	3.6	4.6	5.0	6.1	6	50.0
62.5	7	0.1	1.6	1.0	-1.2	-0.8	3.4	5.1	5.8	6.3	7	62.5
75.0	3	1.3	3.0	4.9	2.6	0.2	1.2	5.0	6.9	7.2	7	75.0

BIRK CREEK. VLF DATA,

LINE 21800N. 24.0 KHZ.

%%	-5.0	-4.2	-4.8	-5.5	-5.7	-7.0	-6.8	-7.1	-9.2	-8.9	-7.7	-7.8	-5.6	-6.0	-4.5	-3.8	-3.6	-2.2	0.7	-0.5	0.2	-0.4	-1.1	-1.7	-2.0	-2.9	-3.9	-1.0	-1.6	-2.8	-2.7	-3.5	-4.1
I%	-26.1	-24.9	-25.7	-23.1	-23.4	-25.2	-24.1	-24.2	-28.1	-29.2	-30.1	-29.0	-30.1	-31.9	-33.5	-34.3	-34.6	-36.3	-34.3	-34.7	-33.0	-31.0	-30.0	-30.7	-32.7	-33.0	-32.0	-28.4	-28.0	-28.3	-28.3	-29.0	-30.0
FRFLT		2.2	4.1	0.2	-2.0	0.3	-3.0	-9.0	-7.0	-2.6	-0.6	-2.1	-5.5	-5.0	-3.5	-3.1	-1.7	1.9	2.1	3.4	5.9	4.1	-0.0	-4.2	-1.6	5.3	7.0	3.3	0.6	-0.2	-2.4	-3.2	-1

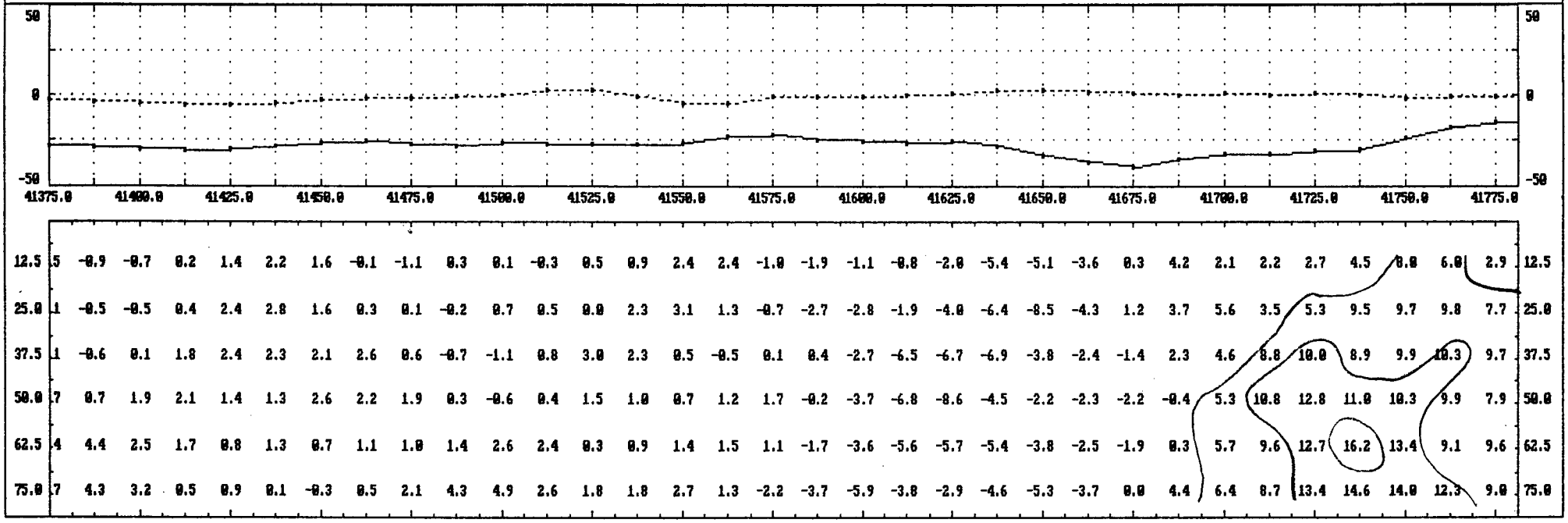


12.5	1.3	0.3	1.0	1.5	-1.2	-0.6	0.2	-2.7	-2.9	-1.4	-1.0	-0.4	-1.5	-2.1	-1.7	-0.8	-1.4	0.2	1.1	0.4	2.0	1.6	0.7	-0.8	-0.9	0.5	2.6	2.0	0.2	0.5	-0.5	-0.9	12.5
25.0	0.0	2.1	1.0	-0.7	0.6	-0.7	-2.0	-2.6	-3.0	-3.9	-1.7	-2.1	-2.6	-3.2	-2.9	-2.4	-0.3	-0.3	0.0	2.2	2.0	2.7	1.1	-0.2	-0.4	1.7	2.4	2.7	2.0	-0.2	-0.1	-0.5	25.0
37.5	0.5	0.7	0.4	0.6	-0.2	-2.1	-4.1	-4.2	-3.1	-3.5	-4.7	-3.2	-3.1	-2.7	-3.9	-3.1	-2.4	-0.5	1.6	2.3	3.2	0.7	0.9	0.9	1.9	1.3	1.9	3.2	3.1	1.7	-1.1	-0.6	37.5
50.0	-0.1	-0.8	0.2	0.5	-2.1	-3.5	-3.2	-4.4	-4.2	-3.7	-5.2	-5.4	-3.7	-4.4	-2.6	-2.9	-2.4	0.0	1.2	1.4	0.8	1.5	1.0	3.4	2.9	2.3	1.8	1.2	1.9	2.0	1.7	0.7	50.0
62.5	-2.0	-1.0	-0.8	-2.2	-2.3	-3.0	-3.3	-2.8	-5.3	-6.2	-5.6	-6.2	-6.8	-3.3	-2.7	-1.8	-1.1	-0.6	0.0	-0.3	0.3	1.2	4.3	3.1	3.5	3.1	1.3	0.1	0.2	1.9	3.4	4.4	62.5
75.0	-2.0	-1.5	-3.1	-3.0	-2.9	-2.1	-3.0	-4.7	-5.1	-6.7	-6.8	-6.6	-5.9	-5.9	-3.4	-1.7	-0.5	-0.5	-1.2	-0.4	0.8	2.9	2.9	4.2	2.8	2.5	2.0	1.0	0.9	1.4	3.7	4.3	75.0

BIRK CREEK. VLF DATA,

LINE 21800N. 24.0 KHZ.

0%	-2.7	-3.5	-4.1	-4.8	-5.0	-4.3	-2.3	-1.4	-2.0	-0.5	0.4	2.4	2.7	-0.5	-4.1	-4.1	-0.5	-0.9	-0.5	0.5	1.0	2.4	3.1	2.3	0.9	0.2	0.9	0.0	0.9	0.0	-2.0	-0.8	-0.5	-1.6
1%	-28.3	-29.0	-30.0	-30.5	-29.9	-28.2	-26.1	-25.6	-26.9	-27.7	-26.4	-27.3	-27.1	-27.2	-25.9	-22.8	-21.7	-24.7	-25.6	-26.0	-25.3	-28.1	-33.5	-36.9	-39.5	-35.5	-32.1	-32.1	-30.4	-29.8	-24.0	-17.3	-15.1	-14.0
FRFLT	-2.4	-3.2	-1.4	2.4	6.1	6.4	1.8	-2.9	-1.6	0.9	-0.3	-0.6	1.3	5.6	8.6	2.3	-5.8	-5.2	-1.0	-1.8	-10.3	-17.0	-14.8	-4.6	8.8	10.8	5.1	4.0	8.7	18.9	21.4	12.2	6.9	4

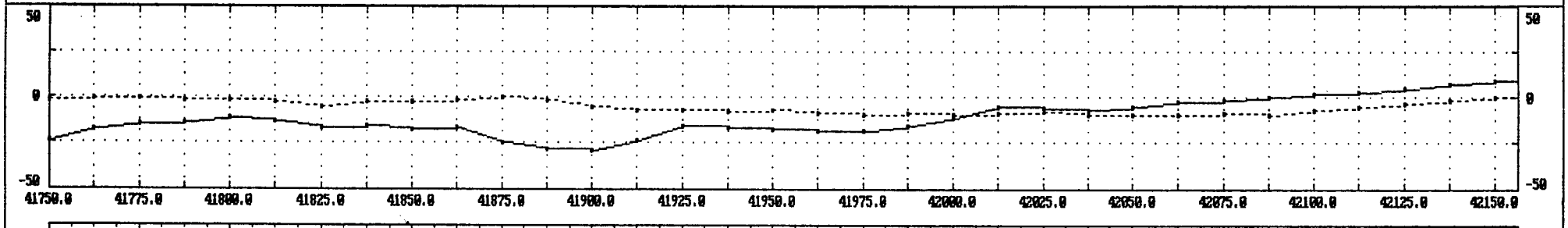


12.5	.5	-0.9	-0.7	0.2	1.4	2.2	1.6	-0.1	-1.1	0.3	0.1	-0.3	0.5	0.9	2.4	2.4	-1.0	-1.9	-1.1	-0.8	-2.0	-5.4	-5.1	-3.6	0.3	4.2	2.1	2.2	2.7	4.5	6.0	6.0	2.9	12.5
25.0	.1	-0.5	-0.5	0.4	2.4	2.8	1.6	0.3	0.1	-0.2	0.7	0.5	0.0	2.3	3.1	1.3	-0.7	-2.7	-2.8	-1.9	-4.0	-6.4	-8.5	-4.3	1.2	3.7	5.6	3.5	5.3	9.5	9.7	9.8	7.7	25.0
37.5	.1	-0.6	0.1	1.8	2.4	2.3	2.1	2.6	0.6	-0.7	-1.1	0.8	3.0	2.3	0.5	-0.5	0.1	0.4	-2.7	-6.5	-6.7	-6.9	-3.8	-2.4	-1.4	2.3	4.6	8.8	10.0	8.9	9.9	10.3	9.7	37.5
50.0	.7	0.7	1.9	2.1	1.4	1.3	2.6	2.2	1.9	0.3	-0.6	0.4	1.5	1.0	0.7	1.2	1.7	-0.2	-3.7	-6.8	-8.6	-4.5	-2.2	-2.3	-2.2	-0.4	5.3	10.8	12.8	11.0	10.3	9.9	7.9	50.0
62.5	.4	4.4	2.5	1.7	0.8	1.3	0.7	1.1	1.0	1.4	2.6	2.4	0.3	0.9	1.4	1.5	1.1	-1.7	-3.6	-5.6	-5.7	-5.4	-3.8	-2.5	-1.9	0.3	5.7	9.6	12.7	16.2	13.4	9.1	9.6	62.5
75.0	.7	4.3	3.2	0.5	0.9	0.1	-0.3	0.5	2.1	4.3	4.9	2.6	1.8	1.8	2.7	1.3	-2.2	-3.7	-5.9	-3.8	-2.9	-4.6	-5.3	-3.7	0.0	4.4	6.4	8.7	13.4	14.6	14.0	12.3	9.0	75.0

BIRK CREEK. VLF DATA,

LINE 21800N. 24.0 KHZ.

Q%	-2.0	-0.8	-0.5	-1.6	-1.7	-2.5	-5.1	-2.4	-2.2	-1.5	0.3	-1.6	-5.6	-7.3	-7.1	-7.4	-7.2	-8.8	-9.2	-8.4	-9.5	-8.8	-8.1	-9.6	-9.5	-9.3	-9.1	-9.3	-7.3	-5.6	-3.5	-1.4	0.4	-0.6
I%	-24.0	-17.3	-15.1	-14.0	-11.5	-12.7	-16.5	-15.5	-17.8	-17.0	-25.0	-27.7	-28.7	-23.7	-16.0	-16.2	-17.9	-18.7	-18.0	-15.7	-11.0	-5.4	-6.1	-6.6	-5.0	-2.6	-1.6	0.0	1.9	2.8	4.8	6.8	8.7	9.8
FRFLT	21.4	12.2	6.9	4.9	-3.7	-7.8	-4.1	-2.8	-8.7	-17.9	-14.4	0.3	16.7	20.2	5.6	-4.4	-2.6	2.9	10.0	17.3	15.2	3.7	-0.1	5.1	7.4	6.0	6.1	6.3	5.7	6.9	7.9	6.9	4.0	4

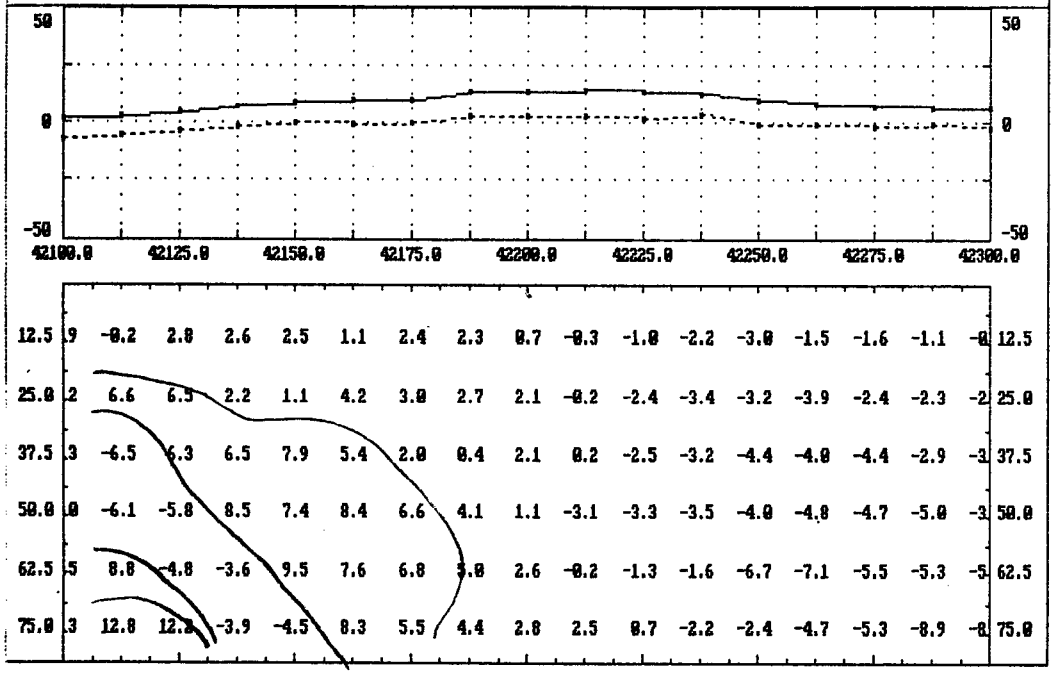


12.5	0	6.0	2.9	2.5	1.0	-3.0	-1.5	-1.9	-1.9	-4.6	-6.2	-1.5	1.8	7.2	4.5	-0.3	-0.5	0.4	2.4	4.3	6.3	3.5	0.3	1.4	2.5	2.3	2.0	2.6	2.2	2.3	2.8	2.6	2.5	12.5
25.0	7	9.8	7.7	3.3	-0.6	-0.6	-3.4	-2.3	-3.8	-6.4	-6.8	-4.3	4.9	6.5	6.3	3.3	-0.2	1.4	5.7	9.0	7.4	5.8	4.4	2.8	4.1	5.5	5.2	3.8	4.4	5.1	5.0	4.9	3.6	25.0
37.5	9	10.3	9.7	4.4	1.9	0.0	0.2	-5.9	-7.2	-6.1	-4.1	1.8	1.4	4.5	5.3	6.5	4.7	3.2	6.4	8.1	9.0	9.8	9.3	6.5	4.3	6.0	7.4	7.8	7.4	7.1	6.3	5.0	6.5	37.5
50.0	3	9.9	7.9	8.8	4.9	1.5	-4.2	-6.5	-7.9	-3.4	2.9	2.1	1.9	0.1	4.7	7.6	10.5	11.0	6.3	6.0	8.1	10.2	11.5	11.6	10.0	6.8	7.4	8.8	9.0	8.6	7.8	8.5	7.4	50.0
62.5	4	9.1	9.6	7.1	6.8	-0.2	-4.4	-5.6	-3.1	0.2	0.6	1.6	0.9	2.7	3.7	10.2	14.1	14.2	10.9	7.2	8.5	10.2	11.3	12.3	11.9	10.6	8.7	10.1	10.5	8.8	9.9	10.0	9.5	62.5
75.0	0	12.3	9.0	9.5	3.7	2.0	-1.8	-2.4	0.7	0.1	-1.4	-0.7	2.6	3.3	7.2	10.0	13.9	15.3	15.9	13.7	9.4	10.2	11.2	11.8	12.7	12.6	11.8	9.1	10.3	12.8	12.2	10.8	9.0	75.0

BIRK CREEK. VLF DATA,

LINE 21800N. 24.0 KHZ.

Q%	-7.3	-5.6	-3.5	-1.4	0.4	-0.6	0.0	2.4	3.1	3.1	2.2	3.5	-0.8	-0.6	-1.7	-0.4	-2.2
I%	1.9	2.8	4.8	6.8	8.7	9.8	9.7	13.2	13.5	14.2	13.0	12.8	9.5	8.3	7.5	6.5	6.1
FRFLT	5.7	6.9	7.9	6.9	4.0	4.4	7.2	4.8	0.5	-1.9	-4.9	-8.0	-6.5	-3.8	-3.2		

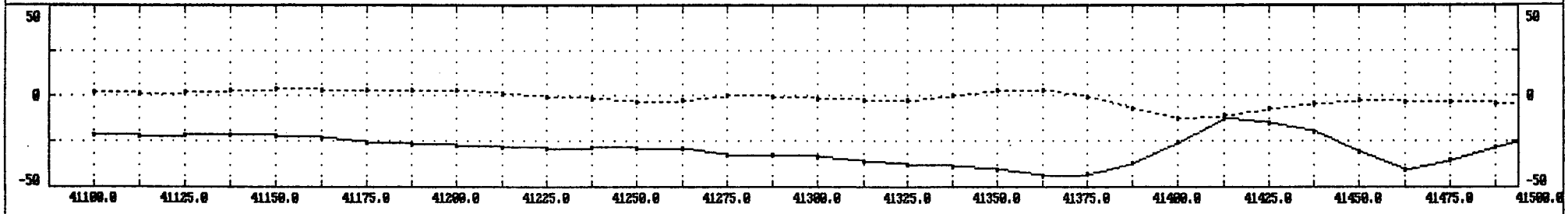


12.5	9	-0.2	2.8	2.6	2.5	1.1	2.4	2.3	0.7	-0.3	-1.0	-2.2	-3.0	-1.5	-1.6	-1.1	-0
25.0	2	6.6	6.5	2.2	1.1	4.2	3.0	2.7	2.1	-0.2	-2.4	-3.4	-3.2	-3.9	-2.4	-2.3	-2
37.5	3	-6.5	6.3	6.5	7.9	5.4	2.0	0.4	2.1	0.2	-2.5	-3.2	-4.4	-4.0	-4.4	-2.9	-3
50.0	0	-6.1	-5.8	8.5	7.4	8.4	6.6	4.1	1.1	-3.1	-3.3	-3.5	-4.0	-4.0	-4.7	-5.0	-3
62.5	5	8.0	-4.8	-3.6	9.5	7.6	6.8	5.0	2.6	-0.2	-1.3	-1.6	-6.7	-7.1	-5.5	-5.3	-5
75.0	3	12.8	12.8	-3.9	-4.5	8.3	5.5	4.4	2.8	2.5	0.7	-2.2	-2.4	-4.7	-5.3	-8.9	-8

BIRK CREEK. VLF DATA,

LINE 22000N. 24.0 KHZ.

%	1.9	1.3	2.2	3.2	3.8	2.8	3.0	2.8	2.8	0.9	-0.7	-1.6	-3.6	-2.9	-0.2	-0.9	-1.3	-2.2	-2.4	0.1	3.0	2.9	-0.4	-7.3	-12.0	-10.5	-6.6	-3.9	-2.1	-3.2	-3.5	-4.7	-1.9
I%	-20.8	-21.0	-21.3	-21.0	-21.5	-22.7	-25.1	-26.2	-27.0	-28.4	-28.6	-28.4	-29.2	-29.0	-32.1	-32.8	-33.6	-36.3	-37.7	-38.3	-40.1	-43.8	-43.3	-36.9	-25.5	-12.5	-15.1	-19.1	-30.4	-40.7	-34.9	-28.2	-21.4
FRFLT		0.3	0.6	-1.9	-5.3	-7.1	-5.4	-4.1	-3.8	-1.6	-0.6	-1.2	-3.5	-6.7	-5.3	-5.0	-7.6	-6.1	-4.4	-7.9	-8.7	3.7	24.7	42.2	34.8	3.8	-21.9	-36.9	-26.1	8.0	26.0	23.6	0



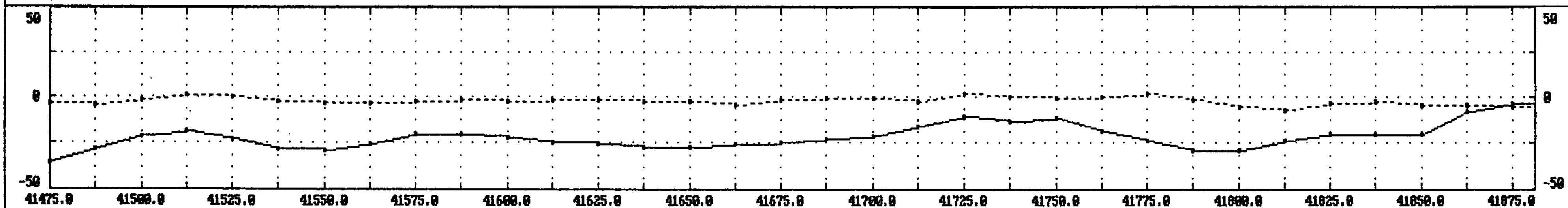
12.5	-0.7	-0.3	0.3	-0.5	-1.2	-2.3	-2.4	-1.5	-1.6	-1.2	-0.2	-0.8	-0.6	-1.9	-2.7	-1.3	-2.6	-2.8	-1.9	-1.9	-2.8	-0.6	5.6	10.7	14.5	6.1	-3.8	-7.9	-12.6	-2.6	6.6	7.0	12.5
25.0	-0.6	-0.6	-0.7	-0.9	-2.6	-3.3	-3.5	-3.5	-2.6	-2.1	-2.1	-1.3	-2.9	-3.2	-3.3	-5.1	-4.0	-3.1	-2.6	-2.3	-1.9	0.8	7.2	16.0	15.5	10.8	-1.3	-13.7	-9.3	-3.9	5.1	11.9	25.0
37.5	-0.3	-0.7	-1.5	-2.7	-2.8	-3.8	-4.9	-4.9	-4.2	-3.3	-2.5	-4.0	-4.1	-4.3	-5.1	-3.9	-3.0	-2.8	-5.4	-6.6	-2.6	5.5	14.4	15.4	15.2	7.7	-2.4	-5.9	-8.7	-2.0	3.2	7.2	37.5
50.0	-0.4	-1.1	-2.9	-3.8	-4.1	-4.7	-5.0	-5.1	-5.5	-5.0	-5.3	-4.4	-3.1	-2.2	-3.4	-4.7	-7.1	-11.1	-8.1	-3.1	5.2	15.1	13.4	10.8	4.7	1.0	5.0	5.6	2.8	-3.0	-4.5	-5.0	50.0
62.5	-1.1	-2.7	-3.7	-4.5	-5.3	-5.5	-5.1	-5.7	-5.0	-5.3	-3.6	-2.8	-4.2	-6.0	-7.4	-8.5	-9.9	-8.3	-3.9	4.3	11.2	9.9	9.2	4.1	-1.1	3.3	8.9	12.0	9.8	0.9	-9.2	-8.2	62.5
75.0	-2.7	-3.6	-4.2	-5.5	-5.7	-4.9	-4.0	-1.9	-4.1	-4.9	-6.3	-8.5	-8.1	-8.0	-7.7	-8.4	-7.9	-4.5	1.8	9.0	9.3	7.1	1.4	-2.7	1.5	5.4	9.8	14.0	11.1	4.7	-2.0	-6.8	75.0

BIRK CREEK. VLF DATA,

LINE 22000N. 24.0 KHZ.

Q%	-3.5	-4.7	-1.9	1.4	-0.3	-2.9	-3.8	-3.7	-2.7	-1.9	-2.2	-1.5	-2.0	-2.3	-2.4	-4.0	-1.8
I%	-34.9	-20.2	-21.4	-10.1	-22.9	-20.3	-29.3	-25.8	-20.4	-20.4	-22.1	-24.6	-25.7	-26.0	-26.8	-25.6	-25.0
FRFLT	26.0	23.6	8.6	-11.7	-16.6	-3.9	11.4	14.3	3.7	-5.9	-7.8	-5.8	-3.3	0.1	3.0	4.2	6.6

Q%	-0.4	-0.5	-2.9	1.6	0.0	-0.6	0.3	1.8	-1.3	-4.8	-6.7	-3.5	-2.6	-4.4	-4.6	-4.8	-6.0
I%	-23.2	-20.8	-16.0	-10.6	-13.2	-11.1	-18.3	-24.0	-29.4	-28.9	-23.6	-20.0	-20.6	-20.2	-7.4	-3.0	-4.0
FRFLT	11.4	17.4	13.0	2.3	-5.6	-18.0	-24.0	-16.0	0.9	14.7	11.9	2.8	13.0	30.4	20.6	0.0	-2



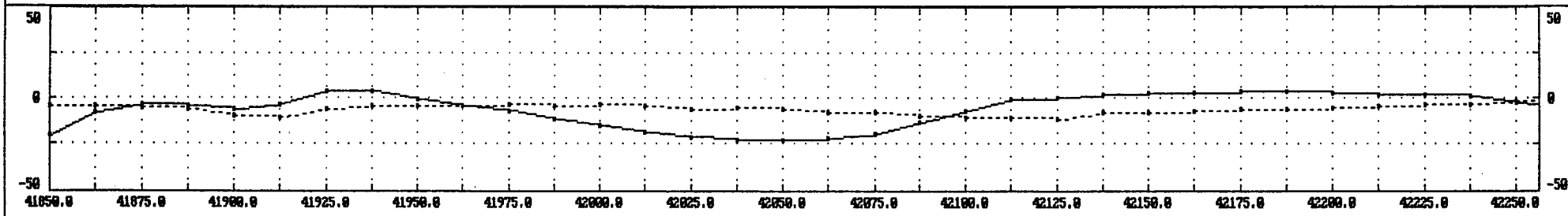
12.5	.6	7.0	6.2	-0.3	-5.0	-3.0	1.0	4.6	3.0	-0.7	-2.1	-2.3	-1.5	-0.9	0.8	1.3
25.0	.1	11.9	6.1	-1.1	-4.4	-3.1	2.4	5.0	3.7	-0.2	-3.3	-3.1	-1.5	0.6	1.3	2.2
37.5	.2	7.2	8.5	3.2	-0.6	-1.6	-2.5	0.9	4.2	3.9	0.8	-2.8	-2.9	-1.0	1.2	2.9
50.0	.5	-5.0	1.8	10.9	10.6	6.2	-0.1	-4.9	-1.7	1.1	3.3	2.3	-2.2	-2.6	-1.1	3.8
62.5	.2	-8.2	-3.5	6.7	13.7	11.0	5.7	1.1	-3.5	-3.5	-1.6	0.1	0.4	0.8	4.6	8.0
75.0	.0	-6.8	-1.6	0.2	5.9	10.1	6.3	1.9	-2.2	-2.5	0.1	3.2	4.7	6.1	7.2	5.9

12.5	2.1	3.4	4.5	6.5	1.5	-0.5	-3.4	-8.1	-6.2	-3.3	2.8	4.9	3.4	1.6	8.4	10.1	2.9	12.5
25.0	3.6	5.2	7.3	4.9	5.2	-0.7	-6.5	-8.4	-9.4	-1.7	3.6	5.2	4.1	9.1	11.1	11.5	9.2	25.0
37.5	5.0	7.8	6.5	8.2	3.3	-1.4	-5.8	-8.0	-3.7	-3.6	0.3	4.1	14.1	14.7	10.3	6.1	8.8	37.5
50.0	9.0	8.9	10.1	5.9	2.0	-2.2	-3.3	-3.2	-3.5	-2.1	-3.3	7.5	12.8	14.5	12.6	10.3	11.4	50.0
62.5	8.5	9.9	6.2	3.3	0.3	0.2	1.5	1.1	-2.1	-5.1	2.9	4.1	7.7	9.8	14.7	18.6	15.8	62.5
75.0	8.4	6.9	4.4	0.7	-0.1	1.6	3.5	2.0	0.1	3.7	2.7	3.7	1.5	7.9	16.0	20.3	18.5	75.0

BIRK CREEK. VLF DATA,

LINE 22000N. 24.0 KHZ.

Q%	-4.4	-4.6	-4.8	-6.0	-9.3	-10.4	-6.0	-4.5	-4.6	-3.9	-3.5	-4.0	-3.7	-4.0	-6.1	-5.5	-5.9	-7.5	-8.1	-9.3	-10.4	-10.6	-11.1	-7.9	-7.4	-7.0	-5.7	-6.4	-5.6	-4.5	-3.4	-3.8	-1.7	-2.7
I%	-20.2	-7.4	-3.0	-4.0	-6.4	-3.3	4.0	4.0	-0.7	-4.2	-6.7	-11.0	-14.7	-10.0	-21.1	-22.4	-22.4	-22.3	-19.3	-13.3	-6.7	-1.1	-0.2	1.7	2.9	3.0	3.4	3.7	3.2	2.3	1.0	0.7	-2.7	-5.5
FRFLT	30.4	20.6	0.0	-2.7	11.1	17.7	2.6	-12.9	-14.2	-12.8	-14.8	-15.8	-14.2	-10.0	-4.9	-1.2	3.2	12.1	21.6	24.8	18.7	9.3	5.9	4.4	1.8	1.2	0.5	-1.6	-2.8	-3.0	-6.1	-10.7	-10.7	-5

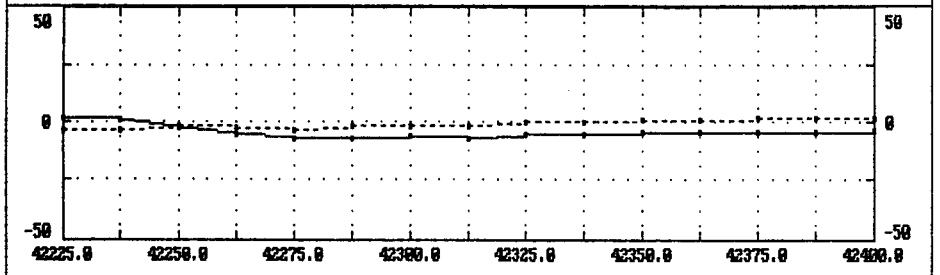


12.5	4	10.1	2.9	0.3	1.1	5.6	3.7	-2.6	-4.8	-4.4	-5.3	-5.7	-5.4	-4.5	-2.7	-1.0	0.5	2.7	6.3	8.1	8.2	5.0	2.7	2.5	1.0	0.5	0.4	-0.2	-0.9	-1.2	-1.5	-3.1	-3.8	12.5
25.0	1	11.5	9.2	2.8	4.1	5.3	4.0	-1.3	-7.4	-9.4	-8.0	-8.6	-9.2	-7.1	-4.2	-1.5	1.2	5.4	9.4	12.7	11.7	9.6	6.7	3.8	3.6	2.3	0.5	-0.8	-1.3	-2.0	-3.6	-4.8	-5.4	25.0
37.5	3	6.1	8.8	13.4	6.7	1.5	-0.3	0.3	-3.4	-9.3	-12.4	-10.7	-8.5	-7.2	-5.5	-2.9	2.6	7.7	11.7	12.2	13.4	12.6	9.6	6.1	3.2	2.6	1.7	1.0	-0.2	-2.8	-5.1	-5.7	-5.0	37.5
50.0	6	10.3	11.4	11.8	8.9	1.1	-1.5	-2.2	-2.3	-5.5	-11.1	-12.0	-9.8	-9.2	-6.2	-0.4	5.3	10.1	10.9	12.3	12.9	12.8	11.3	8.6	5.3	2.1	2.0	0.8	-1.4	-2.6	-4.1	-4.4	-4.4	50.0
62.5	7	18.6	15.6	11.0	9.3	7.6	-1.2	-5.5	-6.3	-5.9	-8.2	-11.9	-12.1	-8.4	-3.3	1.9	6.4	8.2	11.1	13.0	13.4	12.8	12.8	11.3	7.8	4.0	0.7	-1.3	-3.3	-4.3	-3.4	-3.1	-3.6	62.5
75.0	0	20.3	18.5	13.9	10.7	8.2	5.2	-5.4	-10.0	-9.9	-8.7	-9.9	-11.8	-7.2	-1.1	3.1	4.4	8.2	11.4	12.5	13.6	14.6	14.6	13.4	10.5	6.3	1.1	-3.3	-4.5	-4.7	-4.6	-4.2	-3.1	75.0

BIRK CREEK. VLF DATA,

LINE 22000N. 24.0 KHZ.

Q%	-3.4	-3.8	-1.7	-2.7	-3.2	-1.5	-1.5	-1.3	-0.2	0.3	0.9	1.2	1.7	2.2	2.2
I%	1.8	0.7	-2.7	-5.5	-7.2	-6.5	-6.1	-6.8	-5.6	-5.4	-4.7	-4.5	-4.3	-4.1	-3.3
FRFLT	-6.1	-10.7	-10.7	-5.5	0.1	0.8	0.2	1.9	2.3	1.8	1.3	0.8	1.4		

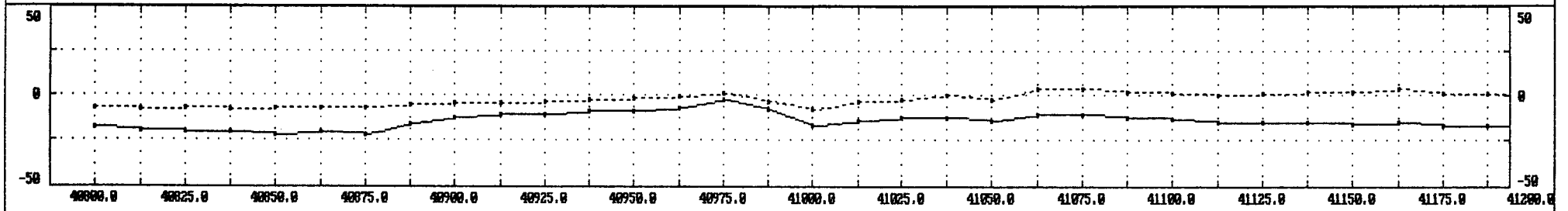


12.5	5	-3.1	-3.8	-2.9	-1.1	0.4	-0.3	0.5	0.9	0.6	0.7	0.4	0.4	0.7	0
25.0	6	-4.8	-5.4	-4.4	-2.3	-1.1	0.4	0.1	0.6	1.4	1.1	1.0	1.1	1.4	1
37.5	1	-5.7	-5.0	-4.6	-4.5	-1.9	-0.2	1.1	0.7	0.5	1.1	1.3	1.8	1.8	2
50.0	1	-4.4	-4.4	-4.8	-3.9	-3.3	-1.2	0.5	1.5	1.1	1.2	1.9	1.4	1.8	2
62.5	4	-3.1	-3.6	-2.8	-2.7	-2.7	-2.4	-0.5	1.0	2.2	2.1	2.1	2.6	2.1	2
75.0	6	-4.2	-3.1	-2.7	-2.0	-1.2	-1.0	-0.9	0.8	2.2	3.3	3.0	2.9	3.5	2

BIRK CREEK. VLF DATA,

LINE 22200N. 24.0 KHZ.

%	-7.0	-7.8	-7.0	-7.6	-7.3	-6.7	-7.2	-5.1	-4.3	-4.2	-3.2	-2.6	-1.5	-1.2	1.3	-3.1	-7.5	-3.4	-2.3	-0.1	-2.2	3.5	3.7	2.3	1.4	0.1	0.8	1.7	2.1	3.7	1.4	0.9	1.9
I%	-17.8	-19.3	-20.6	-20.4	-21.8	-20.6	-21.5	-15.8	-12.5	-10.9	-10.2	-9.0	-8.8	-6.7	-2.9	-8.2	-16.5	-13.6	-12.0	-12.6	-14.4	-10.6	-10.6	-12.6	-12.7	-15.1	-15.0	-14.7	-15.6	-14.8	-16.2	-16.4	-16.2
FRFLT		-3.9	-2.3	-1.4	0.1	5.1	13.8	13.9	7.2	4.2	3.3	3.7	8.2	4.4	-15.1	-19.0	-0.9	5.5	-1.4	-0.4	5.8	1.8	-4.1	-4.6	-4.8	-1.9	-0.2	-0.7	-0.7	-2.2	-1.6	-0.8	-3

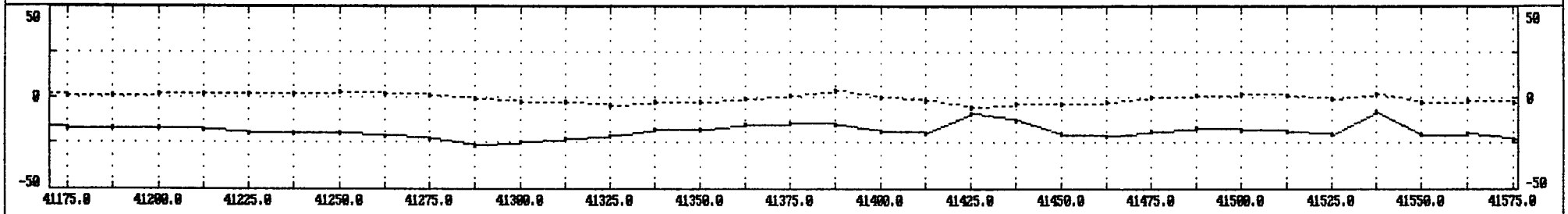


12.5	-1.5	-1.8	-0.8	-1.0	0.3	0.7	3.1	5.7	3.3	2.2	1.8	1.5	1.1	2.6	-0.9	-7.5	-3.1	1.6	0.2	-0.9	1.1	2.1	-1.5	-1.0	-1.6	-1.7	0.2	-0.7	-0.1	-0.4	-1.1	-0.2	12.5
25.0	-1.4	-1.5	-1.3	0.0	0.0	2.9	5.5	6.1	7.4	4.2	1.5	2.6	5.3	0.9	-4.4	-3.6	-4.8	-2.6	1.2	1.1	-0.7	-0.6	1.2	-2.5	-2.8	-1.3	-1.5	-0.3	-1.3	-1.5	-0.8	-1.7	25.0
37.5	0.7	-1.1	-1.2	-1.2	3.0	5.8	5.9	5.9	5.8	7.0	5.5	5.6	2.0	-2.6	-1.7	-0.9	-3.2	-6.5	-1.5	3.3	0.7	-0.8	-2.4	-1.6	-3.0	-2.8	-1.7	-2.3	-1.1	-1.2	-2.6	-2.9	37.5
50.0	0.4	0.5	-0.3	1.6	3.1	5.0	6.0	6.8	7.8	8.3	10.7	4.2	-2.2	-1.7	-1.1	-1.6	-2.5	-1.3	-3.5	-2.2	2.2	-1.0	-1.8	-1.7	-1.8	-3.6	-4.8	-3.6	-2.5	-1.5	-2.4	-2.1	50.0
62.5	1.9	-0.2	2.5	3.7	3.7	4.8	7.1	7.7	8.5	11.4	7.4	2.8	1.1	0.0	-1.3	-2.5	-1.0	-0.6	-2.8	-5.0	-3.4	1.5	-0.7	-2.5	-1.9	-1.8	-4.4	-3.9	-3.0	-4.1	-2.3	-1.6	62.5
75.0	1.8	4.1	4.8	5.7	5.9	5.5	6.1	7.9	10.8	7.5	3.5	4.6	5.7	2.0	-1.0	0.0	-0.7	-2.6	-2.7	-4.8	-6.8	-3.9	0.8	-0.3	-1.7	-1.4	-0.3	-3.0	-4.6	-3.7	-4.3	-4.2	75.0

BIRK CREEK. VLF DATA,

LINE 22200N. 24.0 KHZ.

QX	1.4	0.9	1.9	2.2	1.9	1.7	3.2	2.2	0.8	-0.8	-2.4	-2.6	-4.3	-2.5	-2.6	-0.7	0.6	3.5	0.0	-1.7	-5.3	-3.3	-3.6	-2.6	-0.3	0.7	1.5	1.0	-0.9	2.0	-2.7	-1.4	-2.2	-0.
IX	-16.2	-16.4	-16.2	-17.2	-18.9	-19.0	-19.5	-20.9	-23.2	-26.3	-24.4	-22.4	-20.9	-17.1	-17.1	-14.8	-14.4	-14.7	-18.5	-19.0	-8.8	-11.9	-20.3	-21.0	-18.1	-16.6	-17.1	-18.0	-20.0	-7.4	-20.3	-19.6	-22.6	-20.
FRFLT	-1.6	-0.8	-3.5	-4.5	-2.4	-2.5	-5.6	-9.1	-6.6	2.7	7.4	8.8	9.1	6.1	5.0	2.8	-4.0	-8.4	5.4	16.8	-4.4	-20.6	-6.9	6.6	5.4	-0.4	-4.3	7.7	10.3	-12.5	-14.5	-2.7	2.2	

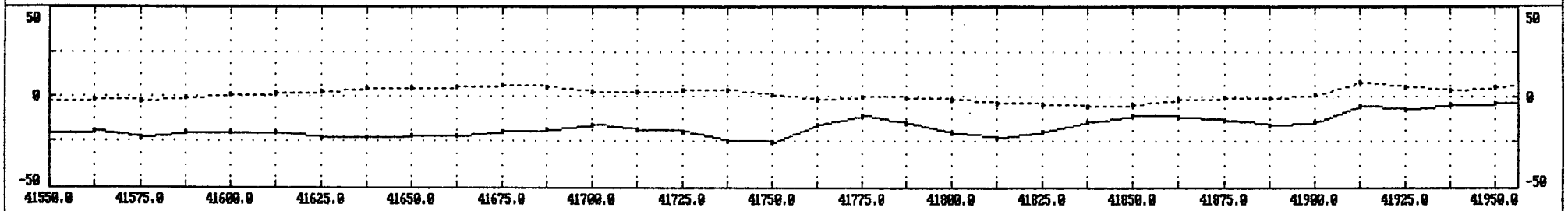


12.5	-1.1	-0.2	-0.7	-1.7	-1.3	-0.8	-1.7	-2.2	-3.1	-0.7	2.4	2.0	3.7	2.7	1.7	1.6	-0.1	-1.2	-2.4	4.7	3.4	-6.3	-4.3	0.7	1.7	0.4	0.7	-2.4	5.8	-0.6	-6.9	-0.5	-1.	12.5
25.0	-0.8	-1.7	-2.1	-2.3	-2.3	-2.3	-2.4	-3.9	-2.7	-0.7	1.6	5.2	3.7	3.8	4.8	2.6	-1.1	-2.5	3.6	2.0	-0.8	-1.3	-5.9	-2.0	2.3	1.4	-2.5	4.3	-1.5	-0.6	-1.8	-7.6	-0.	25.0
37.5	-2.6	-2.9	-2.9	-2.0	-2.2	-3.7	-4.8	-2.9	-1.8	-1.2	1.6	3.9	6.9	5.4	3.3	0.6	-0.9	5.2	2.3	-2.9	-2.0	0.5	1.4	-5.6	-3.8	-0.4	7.9	-1.2	-2.1	-4.5	-1.9	0.5	-6.	37.5
50.0	-2.4	-2.1	-1.8	-3.4	-4.0	-5.6	-5.1	-3.3	-0.6	1.3	1.0	2.9	4.1	6.1	3.3	1.8	6.4	3.5	-2.3	-3.6	-2.1	-1.0	1.4	1.1	-6.0	2.2	-0.4	0.1	-2.2	-1.6	-1.3	-1.0	-2.	50.0
62.5	-2.3	-1.6	-3.0	-4.7	-6.0	-4.0	-3.5	-3.6	-0.6	0.7	1.8	2.4	3.4	2.4	4.8	8.2	5.4	-0.5	-2.7	-1.8	-1.4	-2.0	-2.0	-0.6	7.1	-5.6	-3.4	-0.3	0.7	-1.1	-2.3	-4.0	-3.	62.5
75.0	-4.3	-4.2	-5.0	-6.6	-5.1	-4.9	-2.9	-0.6	-1.1	0.4	1.8	3.3	-0.1	0.6	7.4	7.6	1.9	-0.4	0.9	-0.5	-0.7	-2.7	-3.5	4.1	-0.5	0.3	-7.0	-3.9	0.4	1.4	-1.0	-3.4	-2.	75.0

BIRK CREEK. VLF DATA,

LINE 22200N. 24.0 KHZ.

Q%	-2.7	-1.4	-2.2	-0.8	0.8	2.0	2.9	4.8	4.9	5.2	5.9	5.2	2.8	2.6	3.4	3.9	1.4	-1.4	-0.3	-0.5	-1.8	-3.3	-4.2	-5.5	-3.9	-1.8	-1.1	-0.7	1.3	8.3	5.7	3.8	5.2	8.8
I%	-20.3	-19.6	-22.6	-20.0	-20.0	-20.1	-22.9	-23.1	-22.3	-22.1	-19.4	-18.0	-16.0	-18.2	-19.3	-24.3	-25.3	-15.6	-10.7	-14.7	-19.9	-22.4	-19.3	-13.6	-10.2	-11.1	-13.2	-15.7	-13.6	-5.0	-6.8	-4.4	-3.3	-3.3
FRFLT	-14.5	-2.7	2.2	2.5	-3.0	-5.9	-2.4	1.6	3.9	7.0	7.5	3.2	-3.5	-9.4	-12.1	2.7	23.3	15.5	-8.3	-16.9	-7.1	9.4	17.9	11.6	-0.5	-7.6	-5.0	10.3	17.5	7.4	4.1	4.6	1.8	-1

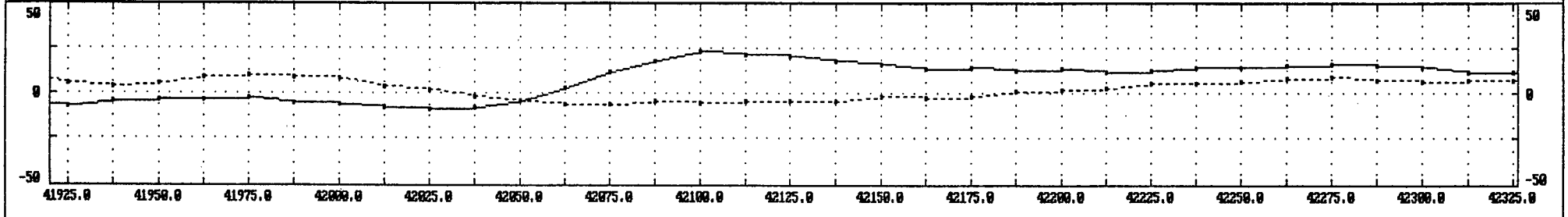


12.5	.9	-0.5	-1.5	1.2	-0.4	-1.4	-1.8	0.5	0.6	2.0	2.4	2.0	-0.3	-2.1	-2.6	-3.0	4.7	7.6	0.4	-4.1	-3.6	0.3	4.7	5.1	1.7	-1.0	-1.5	-0.2	6.3	4.2	1.0	3.0	0.3	12.5
25.0	.8	-7.6	-0.2	0.2	0.0	-2.7	-1.0	-1.1	2.1	2.3	2.8	2.7	1.5	-3.1	-5.5	1.2	5.1	6.1	3.6	-3.7	-5.1	1.2	6.8	7.5	3.4	-1.2	-1.0	4.8	4.9	6.7	5.6	0.7	2.3	25.0
37.5	.9	0.5	-6.5	-1.0	-2.2	0.6	-2.1	-0.3	0.1	5.1	3.6	1.7	-2.2	-3.7	1.9	4.3	3.2	0.3	1.4	3.5	2.1	0.7	2.7	4.8	5.7	4.9	4.9	1.2	3.4	6.2	8.3	7.5	1.2	37.5
50.0	.3	-1.0	-2.6	-10.0	-1.7	-0.8	2.5	2.3	2.3	0.4	1.4	-1.6	-0.7	4.6	5.6	1.7	-2.2	-1.5	1.3	7.8	10.3	3.7	-0.4	-0.5	3.2	10.1	7.6	6.3	5.2	5.4	7.6	8.7	8.2	50.0
62.5	.3	-4.0	-3.2	-0.7	-7.7	-0.2	0.3	3.7	1.2	1.6	-1.8	-0.8	4.2	6.8	3.8	0.6	-1.5	-0.3	3.8	5.9	8.2	7.7	0.7	-1.1	6.0	7.7	11.1	11.4	9.4	8.2	6.9	7.1	5.9	62.5
75.0	.8	-3.4	-2.6	-2.3	0.1	-6.2	2.8	1.5	1.6	-2.5	-2.3	4.5	7.4	5.5	2.2	1.1	1.5	1.8	3.7	4.1	3.7	5.0	7.1	7.6	5.1	9.4	13.3	14.1	12.2	7.1	4.1	3.0	3.2	75.0

BIRK CREEK. VLF DATA,

LINE 22200N. 24.0 KHZ.

0%	5.7	3.8	5.2	8.8	9.4	9.0	7.9	4.0	1.8	-1.9	-4.5	-6.4	-6.3	-4.4	-4.9	-4.6	-4.1	-4.3	-1.6	-2.2	-1.9	1.0	1.8	2.8	5.3	5.8	6.2	7.9	8.8	6.8	6.4	7.2	7.3	9.
1%	-6.8	-4.4	-3.3	-3.3	-2.6	-5.5	-6.2	-8.1	-9.0	-7.4	-4.7	3.1	11.7	18.1	23.2	21.3	20.3	17.9	15.6	13.5	13.9	12.9	13.0	11.7	12.3	14.2	14.6	15.4	15.9	15.3	13.9	11.8	11.3	12.
FRFLT		4.1	4.6	1.8	-1.5	-5.8	-6.2	-5.4	-2.1	5.0	14.8	26.9	31.4	26.5	14.7	0.3	-6.3	-8.1	-9.1	-6.1	-2.3	-1.5	-2.1	-1.9	1.8	4.8	3.5	2.5	1.2	-2.1	-5.5	-6.1	-1.5	3.7

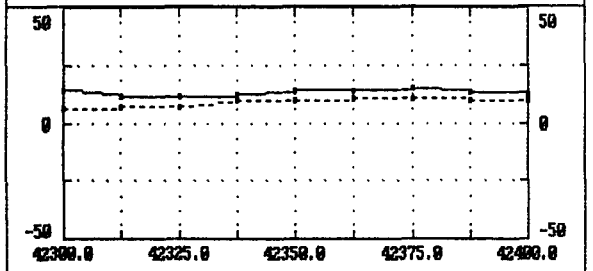


12.5	1.0	3.0	0.3	0.5	-1.4	-2.3	-1.5	-1.7	1.2	3.6	7.3	11.0	9.7	7.9	2.8	-1.2	-1.9	-3.1	-2.9	-1.4	-0.8	-0.7	-0.5	-0.4	1.6	1.4	0.8	0.8	-0.3	-1.2	-1.9	-1.5	0.	12.5
25.0	5.6	0.7	2.3	0.4	-0.6	-1.7	-1.6	0.9	2.7	7.4	12.2	15.0	16.1	10.9	6.0	1.3	-2.6	-3.2	-2.9	-2.6	-1.9	-1.4	-1.3	0.4	0.6	1.8	1.7	0.6	-0.2	-1.7	-2.3	-1.4	-0.	25.0
37.5	8.3	7.5	1.2	2.1	0.4	0.0	0.4	1.0	5.6	10.9	15.2	18.4	16.5	14.3	8.7	2.9	-1.4	-3.3	-2.4	-1.8	-1.7	-1.3	0.0	-0.7	0.6	1.1	1.8	0.8	-1.4	-2.1	-1.6	-1.2	-0.	37.5
50.0	7.6	8.7	8.2	1.9	1.3	-0.5	-0.3	4.5	9.2	14.0	18.1	17.2	17.4	15.0	12.1	6.6	1.9	-2.1	-4.8	-4.1	-2.7	0.2	1.9	2.7	2.0	1.2	-0.5	-0.9	-1.5	-1.5	-0.9	-1.2	-0.	50.0
62.5	6.9	7.1	5.9	3.4	-0.4	2.7	5.8	9.7	12.9	15.7	16.4	16.7	16.8	15.9	12.9	11.4	5.9	0.8	-3.4	-5.8	-3.1	-1.5	0.8	2.7	3.6	2.1	0.5	-0.8	0.0	-0.5	-1.3	-0.9	-2.	62.5
75.0	4.1	3.0	3.2	5.9	6.6	5.5	11.2	14.1	16.8	16.0	14.9	15.1	13.6	13.4	14.3	13.2	11.6	5.5	1.4	-1.6	-4.4	-2.9	-2.1	-0.4	0.5	1.1	1.0	2.1	2.3	2.1	1.3	-1.6	-2.	75.0

BIRK CREEK. VLF DATA,

LINE 22200N. 24.0 KHZ.

Q%	6.4	7.2	7.3	9.7	10.0	10.8	11.1	10.2	9.4
I%	13.9	11.8	11.3	12.9	13.9	14.0	15.1	13.3	12.8
FRFLT	-6.1	-1.5	3.7	3.7	2.3	0.5	-3.0		

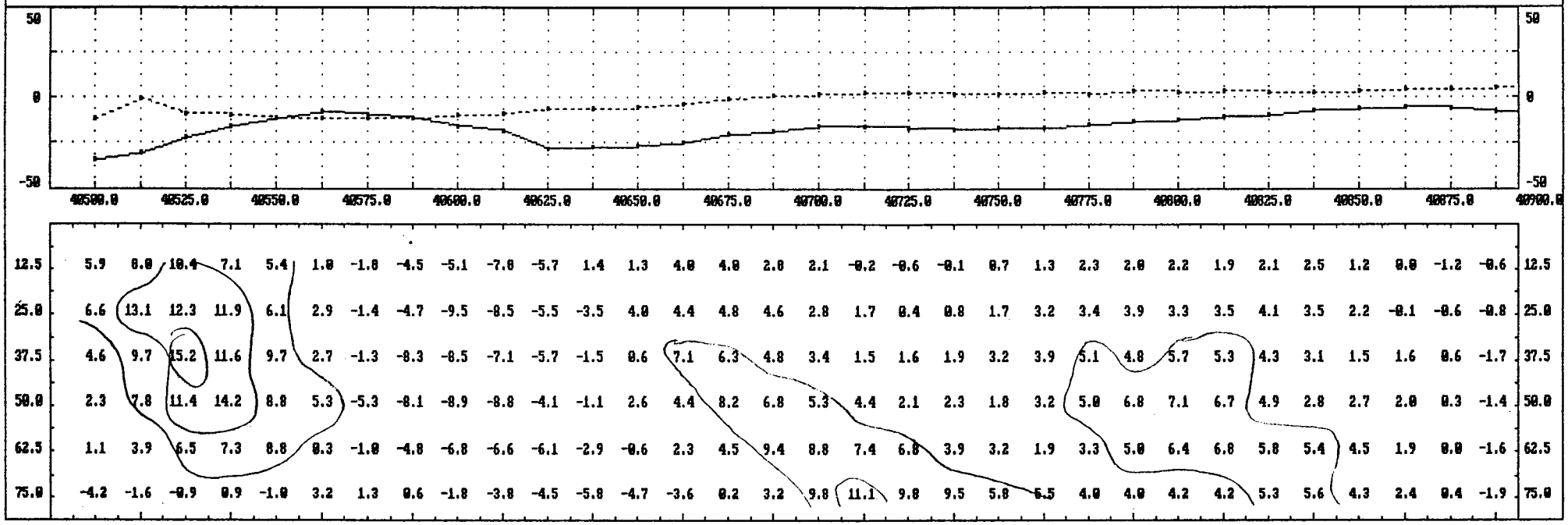


12.5	.9	-1.5	0.5	1.5	0.5	0.8	-0.4	-1.4	-0	12.5
25.0	.3	-1.4	-0.1	1.0	1.7	-0.3	-1.0	-1.2	-2	25.0
37.5	.6	-1.2	-0.7	0.6	0.6	0.5	-0.9	-2.1	-2	37.5
50.0	.9	-1.2	-0.9	-1.4	-0.9	0.0	-0.1	-1.6	-2	50.0
62.5	.3	-0.9	-2.1	-2.6	-2.4	-1.9	-1.0	-1.1	-2	62.5
75.0	.3	-1.6	-2.6	-3.3	-3.9	-3.8	-3.1	-2.0	-2	75.0

BIRK CREEK. VLF DATA,

LINE 22400N. 24.0 KHZ.

Q%	-11.7	-8.8	-9.1	-10.0	-11.1	-11.4	-11.6	-11.7	-9.5	-8.3	-6.2	-5.9	-5.4	-3.5	-0.5	0.8	2.1	2.4	2.4	1.5	1.7	2.6	2.3	3.7	2.9	3.4	3.2	3.1	3.8	4.5	4.5	5.4	6.5
I%	-34.2	-30.6	-21.5	-15.5	-11.0	-8.1	-9.8	-11.3	-15.8	-18.0	-20.5	-27.6	-25.9	-24.4	-20.1	-18.4	-15.8	-15.6	-16.6	-17.2	-17.0	-16.2	-15.0	-12.9	-12.1	-10.1	-9.8	-7.2	-5.8	-5.1	-6.3	-7.5	-6.8
FRFLT		27.0	25.6	17.9	8.6	-2.0	-9.2	-13.5	-20.2	-21.5	-6.2	5.8	9.0	11.8	10.3	7.1	2.0	-2.4	-2.0	0.6	3.0	5.3	6.2	5.7	5.1	5.2	6.9	6.1	1.6	-2.9	-2.9	0.9	-1

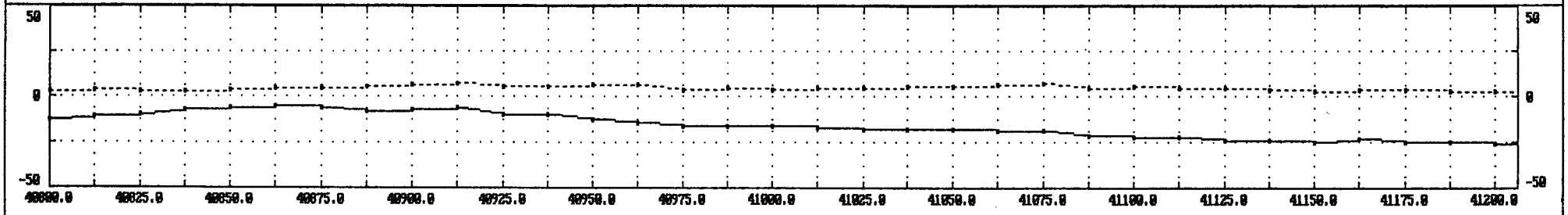


12.5	5.9	8.0	10.4	7.1	5.4	1.0	-1.0	-4.5	-5.1	-7.0	-5.7	1.4	1.3	4.0	4.0	2.0	2.1	-0.2	-0.6	-0.1	0.7	1.3	2.3	2.0	2.2	1.9	2.1	2.5	1.2	0.0	-1.2	-0.6	12.5
25.0	6.6	13.1	12.3	11.9	6.1	2.9	-1.4	-4.7	-9.5	-8.5	-5.5	-3.5	4.0	4.4	4.8	4.6	2.8	1.7	0.4	0.8	1.7	3.2	3.4	3.9	3.3	3.5	4.1	3.5	2.2	-0.1	-0.6	-0.8	25.0
37.5	4.6	9.7	15.2	11.6	9.7	2.7	-1.3	-8.3	-8.5	-7.1	-5.7	-1.5	0.6	7.1	6.3	4.8	3.4	1.5	1.6	1.9	3.2	3.9	5.1	4.8	5.7	5.3	4.3	3.1	1.5	1.6	0.6	-1.7	37.5
50.0	2.3	7.8	11.4	14.2	8.8	5.3	-5.3	-8.1	-8.9	-8.8	-4.1	-1.1	2.6	4.4	8.2	6.8	5.3	4.4	2.1	2.3	1.8	3.2	5.0	6.8	7.1	6.7	4.9	2.8	2.7	2.0	0.3	-1.4	50.0
62.5	1.1	3.9	6.5	7.3	8.8	0.3	-1.0	-4.8	-6.8	-6.6	-6.1	-2.9	-0.6	2.3	4.5	9.4	8.8	7.4	6.8	3.9	3.2	1.9	3.3	5.0	6.4	6.8	5.8	5.4	4.5	1.9	0.0	-1.6	62.5
75.0	-4.2	-1.6	-0.9	0.9	-1.0	3.2	1.3	0.6	-1.8	-3.8	-4.5	-5.8	-4.7	-3.6	0.2	3.2	9.8	11.1	9.8	9.5	5.8	6.5	4.0	4.0	4.2	4.2	5.3	5.6	4.3	2.4	0.4	-1.9	75.0

BIRK CREEK. VLF DATA,

LINE 22400N. 24.0 KHZ.

Q%	2.9	3.4	3.2	3.1	3.8	4.5	4.5	5.4	6.5	7.3	5.5	5.2	6.0	6.2	3.9	4.2	4.0	4.7	4.6	5.6	5.8	6.2	7.0	4.8	5.1	4.6	4.8	3.8	3.0	3.7	3.8	3.0	2.7	3.0
I%	-12.1	-10.1	-9.8	-7.2	-5.8	-5.1	-6.3	-7.5	-6.8	-6.1	-9.2	-10.0	-12.2	-13.9	-16.0	-16.1	-15.5	-16.8	-17.3	-17.1	-17.2	-18.5	-18.4	-20.7	-21.7	-22.2	-23.6	-23.5	-24.3	-23.2	-24.2	-24.9	-25.3	-26.4
FRFLT	5.1	5.2	6.9	6.1	1.6	-2.9	-2.9	0.9	-1.0	-6.3	-6.9	-6.9	-7.7	-6.0	-1.7	-0.2	-2.5	-2.1	-0.2	-1.3	-2.6	-3.4	-5.5	-4.8	-3.4	-3.2	-2.0	-0.4	0.4	-1.6	-2.8	-2.6	-2.8	-2

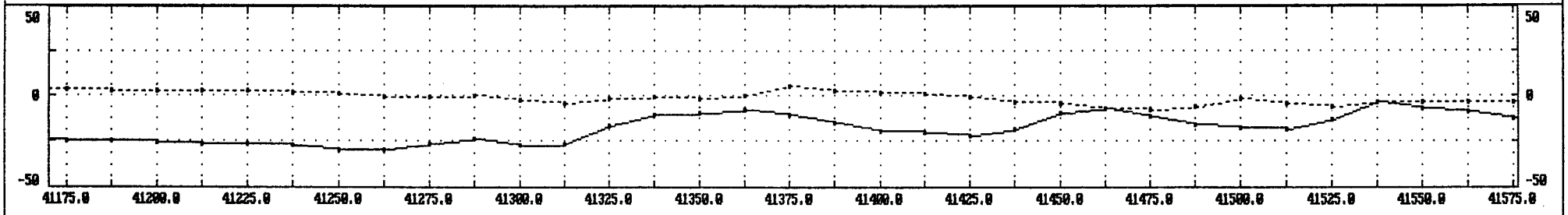


12.5	2	1.9	2.1	2.5	1.2	0.0	-1.2	-0.6	0.5	-1.8	-2.5	-2.2	-2.8	-2.4	-1.7	-0.1	-0.6	-1.1	-0.3	-0.1	-1.1	-0.9	-1.5	-2.3	-1.0	-1.5	-0.8	-0.6	-0.1	0.0	-1.2	-0.7	-1.1	12.5
25.0	3	3.5	4.1	3.5	2.2	-0.1	-0.6	-0.8	-1.9	-1.8	-3.4	-5.1	-4.4	-3.8	-2.4	-2.5	-1.4	-1.4	-1.8	-1.5	-1.0	-2.5	-3.1	-2.4	-3.2	-2.1	-1.9	-1.1	-1.0	-1.2	-1.2	-2.4	-1.3	25.0
37.5	7	5.3	4.3	3.1	1.5	1.6	0.6	-1.7	-2.8	-3.3	-3.7	-5.2	-6.1	-4.3	-4.8	-3.7	-2.8	-1.8	-2.6	-2.7	-3.1	-3.3	-3.5	-4.2	-3.4	-4.0	-2.0	-2.2	-2.3	-1.5	-1.7	-1.7	-2.7	37.5
50.0	1	6.7	4.9	2.8	2.7	2.0	0.3	-1.4	-3.4	-4.8	-5.3	-5.0	-5.2	-6.4	-5.2	-4.9	-3.8	-3.5	-2.3	-3.6	-4.7	-4.6	-4.8	-4.8	-5.2	-3.7	-3.7	-2.6	-2.4	-2.7	-1.1	-1.3	-2.1	50.0
62.5	4	6.8	5.8	5.4	4.5	1.9	0.0	-1.6	-4.1	-6.0	-6.4	-5.3	-5.5	-6.0	-6.3	-4.7	-5.3	-4.1	-4.7	-4.3	-4.8	-6.1	-5.3	-5.2	-4.6	-5.1	-4.4	-3.5	-2.4	-1.7	-1.5	-2.5	-3.6	62.5
75.0	2	4.2	5.3	5.6	4.3	2.4	0.4	-1.9	-3.8	-5.4	-6.1	-6.9	-6.4	-5.5	-5.9	-7.0	-5.3	-6.4	-6.1	-5.7	-4.8	-4.7	-6.1	-4.8	-3.9	-3.8	-4.2	-4.2	-4.1	-3.6	-5.4	-5.4	-2.5	75.0

BIRK CREEK. VLF DATA,

LINE 22400N. 24.0 KHZ.

0%	3.8	3.0	2.7	3.0	2.7	1.8	1.0	-0.4	-1.0	0.3	-2.4	-4.2	-1.7	-0.9	-1.9	0.1	5.0	3.1	1.7	0.9	-0.8	-3.0	-4.6	-6.8	-7.5	-6.4	-1.6	-3.9	-5.7	-3.5	-3.6	-3.8	-3.3	-1.
1%	-24.2	-24.9	-25.3	-26.4	-26.6	-27.3	-29.9	-30.0	-26.2	-24.1	-26.8	-26.5	-16.4	-10.9	-9.8	-8.2	-10.4	-14.9	-19.6	-20.0	-21.9	-18.4	-9.4	-6.6	-11.1	-15.8	-17.3	-18.1	-13.0	-3.1	-7.3	-9.0	-11.8	-12.
FRFLT		-2.8	-2.6	-2.8	-2.2	-4.2	-6.0	1.0	9.6	5.3	-3.0	8.0	26.0	22.2	9.3	2.1	-7.3	-15.9	-14.3	-7.4	-0.7	14.1	24.3	10.1	-10.9	-15.4	-8.5	2.0	19.3	20.7	-0.2	-10.4	-7.7	-6.0

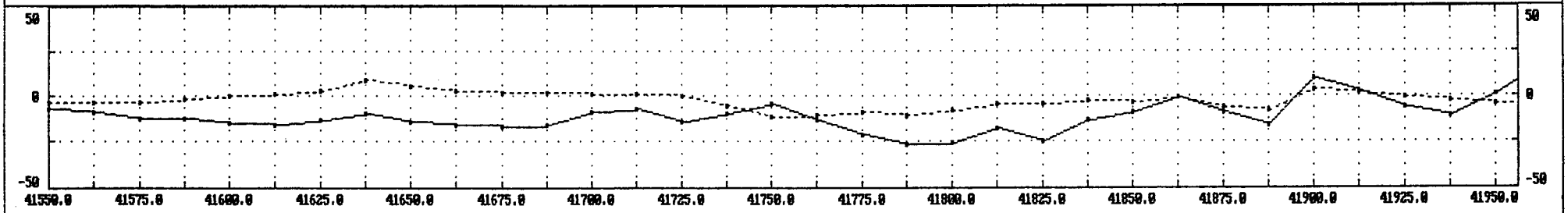


12.5	-1.2	-0.7	-1.1	-1.2	-0.8	-1.7	-1.3	1.9	3.2	0.8	0.0	6.7	9.4	4.3	2.3	-0.4	-4.1	-5.7	-3.2	-1.0	1.1	7.1	6.4	-0.6	-4.7	-3.2	-0.8	2.1	8.5	3.2	-2.0	-2.2	-2.	12.5
25.0	-1.2	-2.4	-1.3	-1.0	-2.7	-2.4	1.1	3.2	2.7	2.9	6.0	7.4	9.7	10.7	3.4	-2.0	-3.4	-4.1	-5.9	-2.6	5.0	6.6	5.7	2.6	-3.7	-6.2	-0.2	7.9	5.1	4.0	0.3	-4.6	-3.	25.0
37.5	-1.7	-1.7	-2.7	-2.6	-1.6	1.1	2.4	0.5	0.4	7.0	10.3	8.8	9.1	10.4	8.4	-0.2	-4.7	-7.1	-5.4	2.3	7.5	6.3	2.7	1.7	-1.0	-3.1	1.3	2.4	5.2	4.4	3.7	-2.0	-0.	37.5
50.0	-1.1	-1.3	-2.1	-2.5	-0.7	0.3	-1.5	-0.7	5.1	9.1	12.5	13.5	9.9	5.6	3.6	3.1	-2.6	-2.2	2.0	2.5	0.9	0.2	2.4	2.2	3.4	8.5	0.5	-2.3	-1.5	1.5	2.9	3.2	1.	50.0
62.5	-1.5	-2.5	-3.6	-1.9	-1.5	-2.8	-1.7	5.4	9.9	10.3	11.2	11.2	8.1	3.7	3.4	3.8	5.4	4.6	3.1	-0.7	-4.2	-3.2	0.0	5.0	10.7	9.7	6.6	-0.9	-3.1	-2.6	-0.4	2.7	4.	62.5
75.0	-5.4	-5.4	-2.5	-1.2	-1.3	-1.2	4.9	7.9	8.6	10.0	8.8	7.8	6.5	6.4	3.1	3.9	9.9	10.5	2.8	-2.4	-3.9	-5.1	-1.1	7.2	8.8	8.4	7.2	5.4	-0.3	-3.7	-2.3	1.1	-0.	75.0

BIRK CREEK. VLF DATA,

LINE 22400N. 24.0 KHZ.

Q%	-3.6	-3.8	-3.3	-1.9	0.0	0.8	2.6	8.6	5.3	3.1	1.9	2.1	1.1	0.7	-0.2	-5.3	-11.1	-10.2	-8.8	-10.3	-7.8	-4.3	-4.2	-2.3	-3.0	-1.2	-5.8	-7.7	3.9	2.0	-0.9	-2.7	-4.6	-2.7
I%	-7.3	-9.0	-11.0	-12.2	-14.6	-15.7	-13.2	-9.7	-14.0	-15.4	-16.4	-15.4	-9.1	-7.0	-13.6	-9.7	-4.4	-12.7	-21.4	-26.1	-25.4	-17.6	-24.8	-13.5	-9.1	-0.5	-8.9	-16.0	10.1	2.5	-6.0	-10.2	0.7	17.8
FRFLT	-10.4	-7.7	-6.0	-6.3	-2.1	7.4	5.2	-6.5	-8.1	-2.4	7.3	15.7	3.9	-7.2	6.5	6.2	-20.0	-30.4	-17.4	4.5	9.1	4.7	19.8	28.7	13.2	-15.3	3.5	37.5	2.4	-28.8	-6.0	34.7	43.7	12

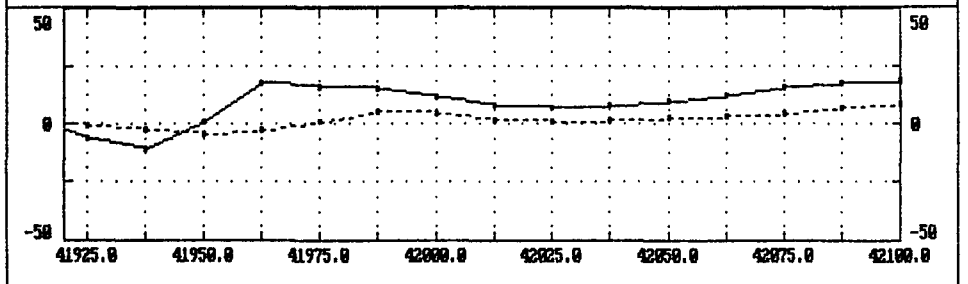


12.5	.0	-2.2	-2.6	-1.0	-2.0	0.4	3.0	-0.7	-3.0	-0.6	0.0	3.6	5.1	-1.6	-1.5	4.2	-3.2	-9.0	-7.1	-4.0	4.9	0.0	3.9	9.5	6.5	3.0	-0.2	10.0	9.2	-0.4	-3.1	3.5	15.7	12.5
25.0	.3	-4.6	-3.7	-3.1	-0.7	0.5	0.4	0.6	-2.3	-3.5	3.8	5.0	0.2	1.4	1.0	-2.0	-4.3	-8.4	-11.1	-1.9	-1.2	5.7	9.9	10.5	8.4	-1.0	12.3	5.1	5.3	5.1	-4.7	7.6	14.1	25.0
37.5	.7	-2.0	-0.2	-3.3	0.7	-0.1	-0.0	-0.3	-0.7	0.7	-0.0	-1.3	3.1	6.7	2.4	-6.4	-9.3	-6.2	-4.5	-9.1	1.1	7.6	13.2	9.0	2.0	20.0	10.3	3.0	-4.4	7.0	20.3	6.6	0.7	37.5
50.0	.9	3.2	1.0	-2.0	-3.7	-4.9	-3.6	-2.5	2.1	7.2	-0.9	-0.2	5.0	2.5	-1.0	-6.2	-6.9	-5.0	-6.0	-2.1	-2.3	9.7	9.9	0.0	21.7	11.0	10.4	1.3	4.0	11.3	16.1	20.6	4.1	50.0
62.5	.4	2.7	4.9	-0.7	-7.4	-5.0	-4.3	-0.4	2.7	2.1	0.0	6.3	-0.7	-1.7	-5.0	-5.0	-1.6	-7.2	-2.0	4.6	7.7	-0.3	-0.6	10.4	16.7	12.1	6.1	15.6	10.4	15.5	9.6	12.2	14.7	62.5
75.0	.3	1.1	-0.2	0.0	-3.7	-6.4	0.7	3.7	0.0	1.6	0.4	3.2	-4.0	-9.1	-4.7	2.7	-3.2	1.0	1.5	5.4	3.7	-3.4	0.7	9.6	10.4	10.9	15.7	22.4	26.1	18.3	12.0	5.5	10.4	75.0

BIRK CREEK. VLF DATA,

LINE 22400N. 24.0 KHZ.

Q%	-0.9	-2.7	-4.6	-2.7	1.4	5.6	4.7	2.0	0.6	1.9	2.9	3.9	4.1	7.2	8.9
I%	-6.0	-10.2	0.7	17.8	16.4	15.0	11.4	8.1	7.0	8.2	10.0	12.7	16.0	18.0	18.3
FRFLT	-6.0	34.7	43.7	12.9	-7.8	-11.9	-11.3	-4.3	3.1	7.5	10.5	11.3	7.6		



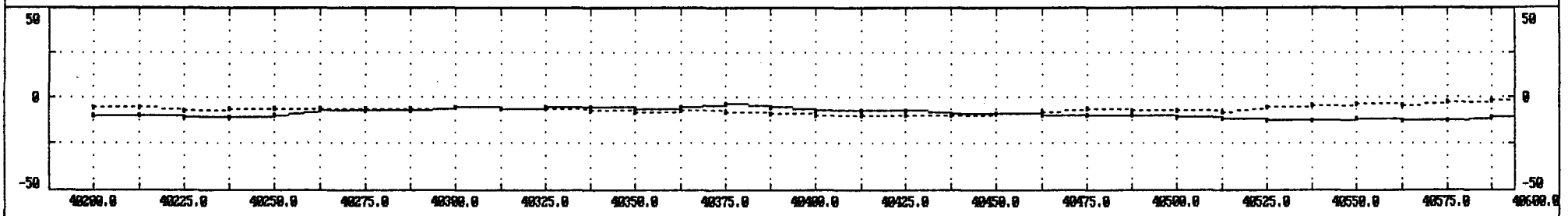
12.5	-3.1	3.5	15.7	9.1	-0.3	-1.6	-4.3	-2.7	-0.1	1.9	3.0	3.9	3.7	2.0	1
25.0	-4.7	7.6	14.1	16.3	5.2	-5.5	-3.6	-0.6	1.0	2.6	5.1	5.6	5.1	4.8	4
37.5	20.4	6.6	8.7	10.9	12.2	5.7	-3.0	-4.1	-0.3	5.5	8.9	8.5	6.7	6.5	5
50.0	16.1	20.6	4.1	6.2	10.5	12.0	8.1	-1.3	1.8	4.2	4.5	8.9	11.1	11.6	10
62.5	9.6	12.2	14.7	1.0	6.8	13.1	15.7	11.8	3.8	3.9	4.2	7.6	11.6	11.4	12
75.0	12.6	5.5	10.4	15.2	0.7	8.0	15.8	20.4	13.9	3.9	7.8	7.8	9.7	11.3	14

12.5
25.0
37.5
50.0
62.5
75.0

BIRK CREEK. VLF DATA,

LINE 22600N. 24.0 KHZ.

Q%	-4.8	-5.0	-6.6	-6.3	-5.7	-5.7	-6.0	-6.2	-5.5	-6.3	-6.2	-7.3	-7.6	-7.8	-7.8	-8.5	-9.5	-9.7	-9.5	-10.0	-8.7	-8.0	-6.2	-7.1	-6.7	-7.4	-5.6	-4.7	-3.8	-3.9	-2.5	-1.3	-2.0
I%	-9.3	-9.5	-10.3	-10.1	-9.4	-7.1	-7.3	-6.8	-5.6	-5.9	-5.4	-4.8	-5.7	-4.9	-3.7	-5.2	-6.6	-7.0	-7.0	-8.3	-8.4	-9.7	-9.4	-10.0	-10.7	-11.5	-11.8	-12.2	-11.1	-11.8	-11.9	-10.3	-12.2
FRFLT		-1.6	0.3	3.9	5.1	2.4	2.0	2.6	1.1	1.3	0.8	-0.4	1.9	1.7	-3.2	-4.7	-2.2	-1.7	-2.7	-2.8	-2.4	-1.3	-1.6	-2.8	-2.6	-1.8	0.0	1.1	-0.4	0.7	1.2	-2.6	-3

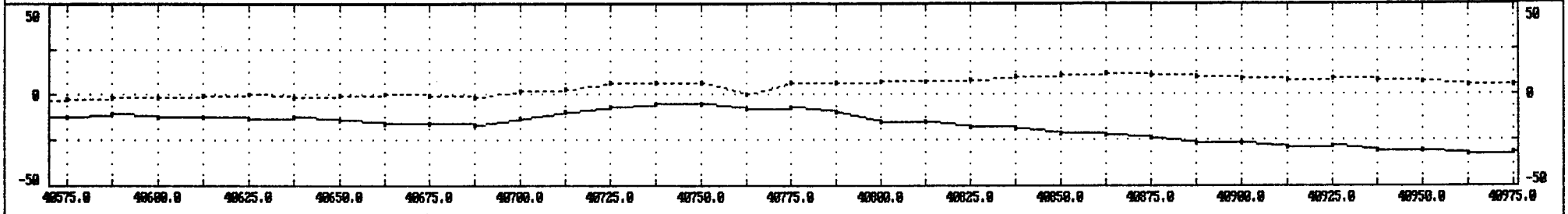


12.5	-0.3	-0.5	-0.1	0.6	1.0	1.5	0.4	1.3	0.6	0.2	0.0	0.0	-0.1	1.0	-0.3	-1.6	-1.2	-0.5	-1.1	-0.9	-0.9	-0.8	-0.4	-1.0	-1.0	-0.7	-0.6	0.3	0.4	-0.6	0.9	-0.3	12.5
25.0	-0.3	-0.4	0.3	1.6	1.9	2.1	2.2	0.8	1.5	1.5	0.0	0.5	1.0	-0.3	-0.7	-1.4	-2.1	-2.0	-1.2	-1.9	-1.9	-1.4	-1.5	-1.3	-1.7	-1.3	-0.5	-0.4	-0.3	0.9	-0.9	-0.9	25.0
37.5	0.1	0.3	1.4	1.4	1.8	3.0	2.6	2.2	1.1	0.8	1.0	1.3	0.4	-0.6	-1.4	-0.9	-2.2	-3.0	-2.9	-1.8	-1.9	-2.3	-2.1	-2.5	-1.9	-1.5	-1.3	-1.2	0.1	-0.9	-0.8	-1.2	37.5
50.0	0.7	1.9	1.7	1.5	2.3	2.1	2.8	3.0	2.1	1.1	1.8	0.7	-0.8	-0.7	-0.9	-2.0	-1.4	-2.8	-3.3	-2.6	-2.7	-2.8	-3.0	-2.6	-2.0	-2.0	-2.3	-1.1	-1.2	-0.5	-0.3	0.9	50.0
62.5	2.3	1.8	1.9	2.3	1.7	2.3	2.6	2.6	2.9	3.2	0.9	0.2	-0.4	-1.0	-1.6	-1.7	-2.6	-2.0	-2.8	-3.9	-3.6	-3.2	-3.5	-2.9	-2.5	-2.4	-0.4	-1.2	-1.0	-1.0	-0.2	-1.1	62.5
75.0	2.2	2.1	2.5	2.1	2.3	2.4	2.0	2.5	3.6	2.7	1.6	0.0	0.1	-0.7	-1.7	-2.3	-2.5	-2.9	-3.0	-4.2	-4.7	-4.2	-2.5	-2.6	-2.3	-0.3	-1.4	-1.1	-1.8	-1.4	-2.6	-3.8	75.0

BIRK CREEK. VLF DATA,

LINE 22600N. 24.0 KHZ.

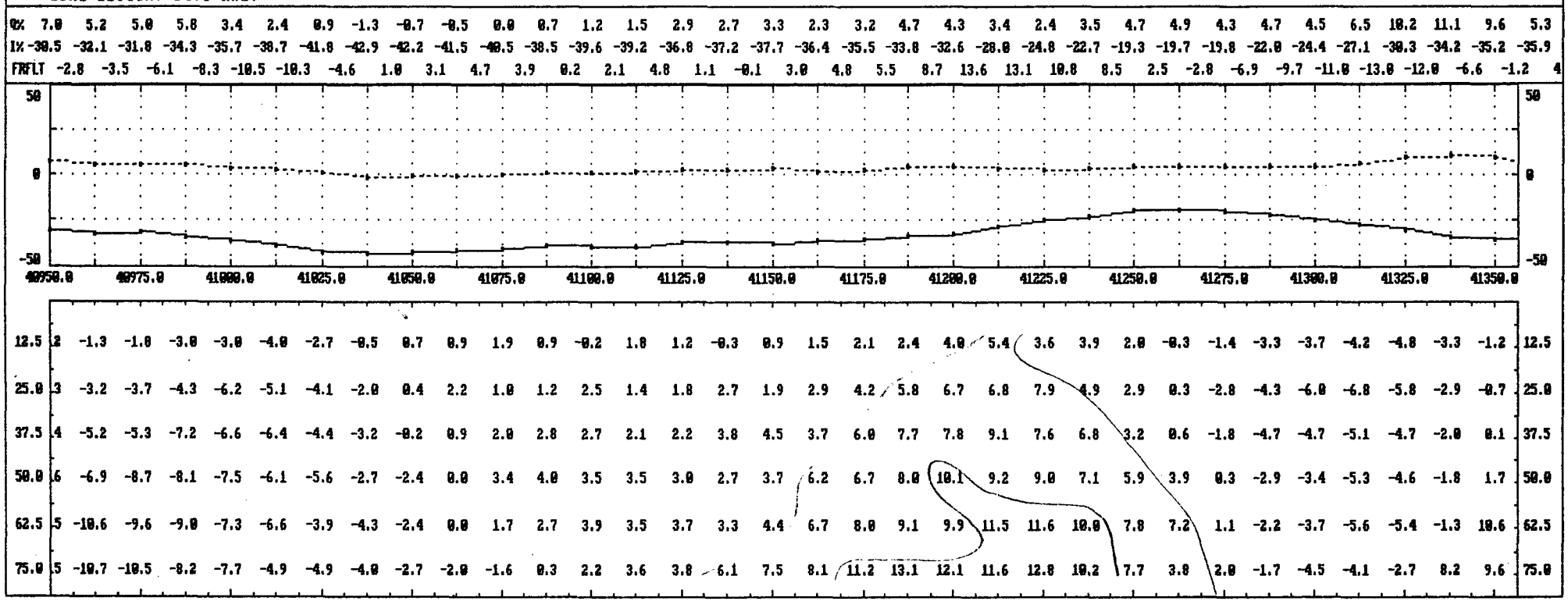
Q%	-2.5	-1.3	-2.0	-1.0	0.2	-1.9	-0.5	-0.3	-1.1	-1.3	1.8	2.8	6.3	6.7	6.6	0.2	6.4	6.7	6.9	7.4	8.3	10.1	10.6	11.6	10.6	9.8	8.8	7.9	8.8	7.9	7.0	5.2	5.0	5.
I%	-11.9	-10.3	-12.2	-12.6	-13.0	-11.9	-13.7	-16.1	-16.0	-16.8	-13.4	-10.0	-7.1	-5.2	-5.6	-7.6	-7.2	-9.4	-14.5	-14.9	-17.1	-18.4	-21.3	-21.9	-23.9	-26.5	-26.3	-28.7	-28.2	-30.6	-30.5	-32.1	-31.8	-34.
FRFLT		1.2	-2.6	-3.1	-0.1	0.0	-4.9	-6.5	-3.0	1.9	9.4	13.1	11.1	6.3	-0.9	-4.0	-3.4	-9.1	-12.8	-8.1	-6.1	-7.7	-7.7	-6.1	-7.2	-7.0	-4.6	-4.1	-3.8	-4.2	-3.8	-2.8	-3.5	-6.1



12.5	0.9	-0.3	-1.2	-0.5	-0.1	-0.6	-2.6	-1.0	-0.2	1.8	4.4	3.9	3.2	1.3	-1.3	-1.4	-1.5	-4.8	-3.6	-2.4	-2.8	-2.9	-2.7	-1.9	-3.3	-1.6	-1.9	-1.5	-1.4	-1.7	-1.2	-1.3	-1.	12.5
25.0	-0.9	-0.9	-0.9	-1.1	-0.8	-1.4	-1.1	-2.4	0.5	3.5	5.1	6.3	3.8	1.0	-0.1	-2.2	-5.2	-4.5	-6.3	-6.4	-4.9	-5.1	-5.3	-5.9	-3.8	-4.8	-3.4	-3.3	-3.4	-3.2	-3.3	-3.2	-3.	25.0
37.5	-0.8	-1.2	0.2	-0.4	-2.5	-1.6	-2.2	-0.1	0.9	3.1	5.3	5.2	4.6	2.6	-0.6	-5.1	-6.0	-6.8	-6.3	-8.2	-7.9	-6.4	-8.0	-6.6	-7.6	-5.8	-7.0	-5.5	-5.1	-4.7	-4.4	-5.2	-5.	37.5
50.0	-0.3	0.9	-1.0	-2.3	-2.4	-4.0	-1.4	0.9	2.5	3.1	3.6	3.9	4.0	2.9	-1.6	-4.0	-6.7	-8.7	-9.8	-8.6	-9.7	-9.9	-7.4	-9.2	-8.3	-9.2	-7.6	-7.8	-6.4	-5.9	-6.6	-6.9	-8.	50.0
62.5	-0.2	-1.1	-2.6	-3.8	-3.8	-2.0	-1.0	1.5	3.1	3.0	1.2	2.6	2.6	-0.4	-0.2	-3.1	-6.2	-9.2	-10.9	-11.8	-12.3	-12.3	-12.1	-8.6	-9.6	-8.4	-8.6	-7.2	-8.8	-8.2	-8.5	-10.6	-9.	62.5
75.0	-2.6	-3.8	-3.9	-4.1	-2.9	-0.5	1.2	1.2	2.2	1.2	1.9	-0.1	-1.8	-0.5	-1.8	-2.2	-6.0	-8.3	-11.5	-14.3	-13.7	-13.8	-13.3	-12.9	-9.6	-9.8	-8.2	-9.0	-8.6	-10.4	-11.5	-10.7	-10.	75.0

BIRK CREEK. VLF DATA,

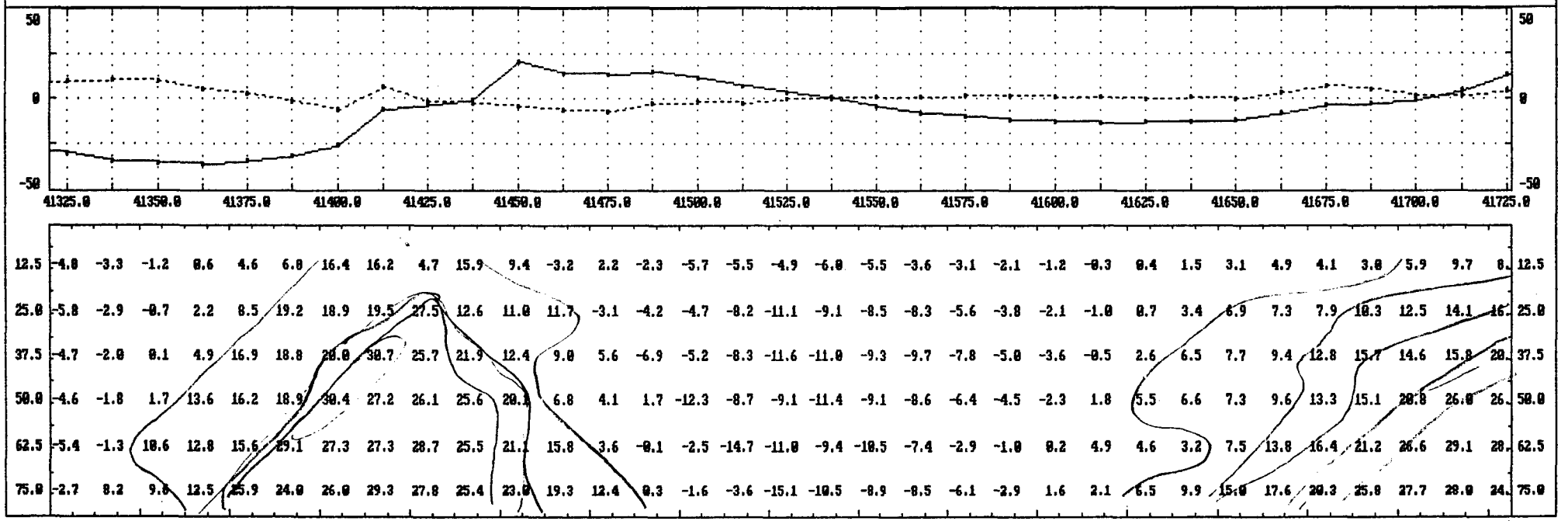
LINE 22600N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 22600N. 24.0 KHZ.

0%	10.2	11.1	9.6	5.3	2.6	-1.6	-6.3	6.2	-2.0	-2.6	-4.2	-6.0	-7.0	-2.5	-1.8	-2.3	-0.1	1.2	1.0	0.8	1.7	1.7	1.1	1.4	0.0	0.7	0.0	3.7	7.6	5.7	2.0	1.9	4.4	3.
1%	-30.3	-34.2	-35.2	-35.9	-34.7	-31.8	-25.3	-5.7	-3.1	-0.8	20.2	13.9	13.5	15.5	11.6	6.8	3.6	0.5	-4.7	-7.4	-9.4	-11.3	-12.3	-12.8	-12.6	-12.6	-11.0	-8.0	-3.3	-2.8	-1.0	4.9	13.2	16.
FRFLT	-12.0	-6.6	-1.2	4.6	13.5	35.5	48.3	27.1	28.2	38.0	8.0	-5.1	-0.3	-10.6	-16.7	-14.3	-14.6	-16.2	-12.6	-8.6	-6.8	-4.4	-1.8	-0.1	1.8	6.2	12.3	12.9	7.5	10.0	21.9	25.9	23.1	

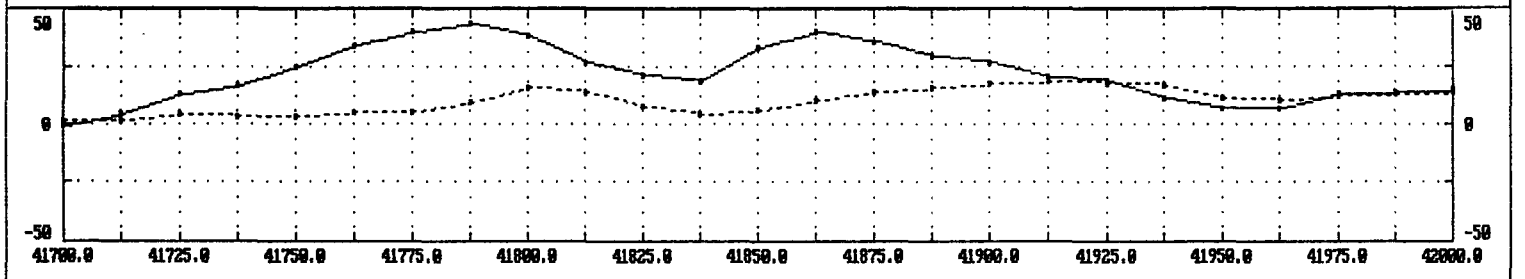


12.5	-4.0	-3.3	-1.2	0.6	4.6	6.0	16.4	16.2	4.7	15.9	9.4	-3.2	2.2	-2.3	-5.7	-5.5	-4.9	-6.0	-5.5	-3.6	-3.1	-2.1	-1.2	-0.3	0.4	1.5	3.1	4.9	4.1	3.0	5.9	9.7	8.	12.5
25.0	-5.8	-2.9	-0.7	2.2	8.5	19.2	18.9	19.5	27.5	12.6	11.0	11.7	-3.1	-4.2	-4.7	-8.2	-11.1	-9.1	-8.5	-8.3	-5.6	-3.8	-2.1	-1.0	0.7	3.4	6.9	7.3	7.9	10.3	12.5	14.1	16.	25.0
37.5	-4.7	-2.0	0.1	4.9	16.9	18.8	20.0	30.7	25.7	21.9	12.4	9.0	5.6	-6.9	-5.2	-8.3	-11.6	-11.0	-9.3	-9.7	-7.8	-5.0	-3.6	-0.5	2.6	6.5	7.7	9.4	12.8	15.7	14.6	15.8	20.	37.5
50.0	-4.6	-1.8	1.7	13.6	16.2	18.9	30.4	27.2	26.1	25.6	20.1	6.8	4.1	1.7	-12.3	-8.7	-9.1	-11.4	-9.1	-8.6	-6.4	-4.5	-2.3	1.8	5.5	6.6	7.3	9.6	13.3	15.1	20.8	26.0	26.	50.0
62.5	-5.4	-1.3	10.6	12.8	15.6	29.1	27.3	27.3	28.7	25.5	21.1	15.8	3.6	-0.1	-2.5	-14.7	-11.0	-9.4	-10.5	-7.4	-2.9	-1.0	0.2	4.9	4.6	3.2	7.5	13.8	16.4	21.2	26.6	29.1	28.	62.5
75.0	-2.7	8.2	9.8	12.5	25.9	24.0	26.0	29.3	27.8	25.4	23.0	19.3	12.4	0.3	-1.6	-3.6	-15.1	-10.5	-8.9	-8.5	-6.1	-2.9	1.6	2.1	6.5	9.9	15.0	17.6	20.3	25.8	27.7	28.0	24.	75.0

BIRK CREEK. VLF DATA,

LINE 22600N. 24.0 KHZ.

%%	2.0	1.9	4.4	3.5	3.6	5.0	5.5	9.4	16.1	14.4	8.3	4.6	6.5	11.1	14.1	16.2	17.6	18.6	17.8	17.0	12.0	10.3	12.2	13.0	14.3
I%	-1.0	4.9	13.2	16.6	24.6	33.9	39.9	43.0	38.3	27.0	21.0	18.9	33.1	39.7	35.2	29.5	26.2	20.6	18.3	11.6	7.3	7.1	13.6	14.1	15.1
FRFLT	21.9	25.9	23.1	28.7	32.6	24.4	7.5	-17.6	-33.3	-25.4	4.0	32.9	22.9	-8.1	-19.2	-17.9	-16.8	-16.9	-20.0	-15.5	1.8	13.3	8.5		

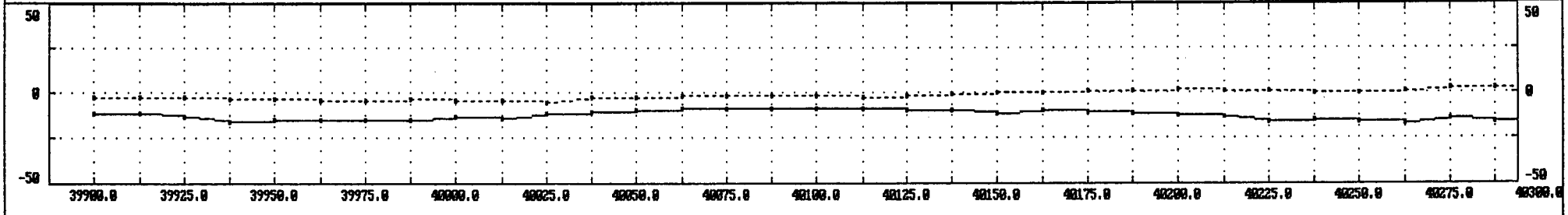


12.5	9	9.7	8.0	8.9	12.0	9.6	5.4	-0.9	-9.4	-9.0	-4.6	5.7	11.1	1.1	-5.1	-5.4	-6.9	-6.2	-6.2	-6.7	-2.9	3.1	4.0	1.4	2	12.5
25.0	5	14.1	16.0	17.1	15.1	15.7	10.7	-0.5	-8.9	-12.5	-2.5	6.6	6.5	3.1	-6.9	-12.3	-8.7	-8.6	-11.2	-9.0	-3.7	0.7	3.9	5.3	2	25.0
37.5	6	15.8	20.9	25.5	25.3	17.5	7.6	-1.1	-7.3	-2.6	-1.3	-1.6	1.7	3.6	0.8	-9.7	-18.0	-17.4	-12.2	-5.6	-2.2	-2.0	1.9	5.5	7	37.5
50.0	8	26.0	26.0	28.0	23.4	13.0	5.3	1.9	5.0	3.9	-1.2	-5.6	-4.1	-0.8	0.6	-2.0	-13.4	-18.7	-13.4	-10.3	-6.5	-0.8	1.9	6.6	8	50.0
62.5	6	29.1	28.0	22.6	15.8	11.6	7.5	12.1	14.4	7.9	0.0	-4.8	-9.7	-8.5	-5.4	-4.0	-3.1	-8.0	-12.0	-10.3	-7.3	-5.1	-0.4	2.8	8	62.5
75.0	7	28.0	24.6	17.3	12.4	11.6	19.3	20.6	14.1	9.6	3.4	-4.7	-9.2	-14.2	-13.6	-7.4	-0.3	1.7	-5.5	-8.5	-6.1	-2.8	-1.1	2.0	4	75.0

BIRK CREEK. VLF DATA,

LINE 22800N. 24.0 KHZ.

%%	-2.9	-2.8	-2.7	-3.6	-3.7	-4.3	-4.4	-3.8	-4.3	-4.7	-4.8	-2.2	-2.8	-1.8	-1.8	-1.5	-1.9	-2.5	-1.4	-0.4	0.0	0.2	1.3	0.9	1.7	1.4	1.0	0.3	0.4	1.1	2.4	2.8	3.8
IX	-11.7	-11.5	-12.9	-15.5	-15.0	-14.8	-15.0	-14.7	-13.4	-14.1	-11.6	-10.3	-9.4	-8.8	-9.1	-8.8	-8.8	-9.0	-9.6	-9.9	-11.2	-9.7	-10.8	-11.0	-12.5	-12.8	-15.8	-15.3	-15.8	-17.0	-14.4	-15.4	-14.7
FRFLT		-5.2	-6.1	-1.4	0.7	0.1	1.7	2.2	2.4	5.6	6.0	3.7	1.8	0.3	0.3	0.1	-1.0	-1.7	-2.5	-1.4	0.6	-0.9	-3.0	-3.5	-5.1	-5.8	-2.5	-1.7	-0.3	3.0	1.3	1.2	2

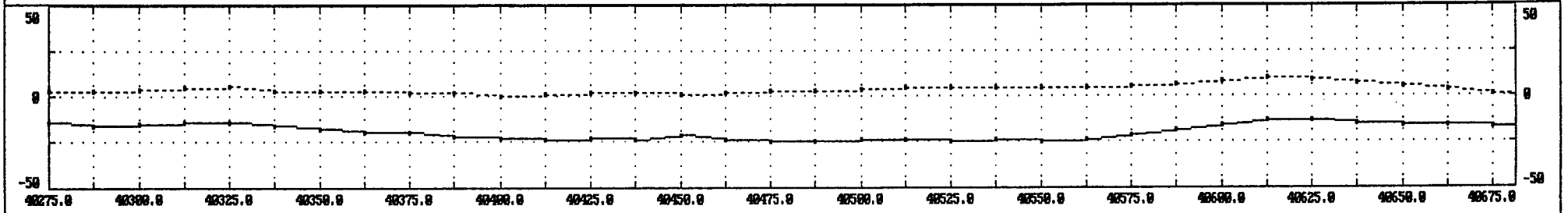


12.5	-0.6	-0.7	-2.4	-1.3	0.2	-0.1	0.1	1.2	0.6	1.3	2.5	1.4	1.2	0.4	0.1	0.2	-0.2	-0.6	-0.5	-1.1	0.0	0.0	-0.9	-1.2	-1.3	-2.1	-1.8	0.1	-1.3	0.9	1.0	-0.1	12.5
25.0	-0.6	-2.5	-1.7	-1.8	-1.1	0.7	1.1	0.4	2.0	2.0	2.5	3.2	1.7	1.0	0.4	0.3	-0.1	-0.6	-1.6	-0.7	-1.1	-1.1	-1.1	-2.2	-3.0	-2.5	-2.0	-2.5	0.6	-0.5	-0.1	1.2	25.0
37.5	-1.4	-1.3	-1.6	-1.2	-1.3	0.1	1.0	2.0	2.5	3.0	3.1	2.2	3.2	1.7	1.0	-0.1	-0.5	-1.4	-0.4	-1.3	-1.4	-1.8	-1.9	-2.7	-3.4	-3.0	-3.9	-1.7	-2.2	0.0	-0.1	0.3	37.5
50.0	-0.1	-0.4	-1.1	-1.5	-0.4	-1.0	1.1	3.2	3.2	3.5	3.2	3.0	2.3	2.4	0.6	0.0	-1.1	-0.8	-0.6	-1.0	-1.8	-1.6	-3.4	-3.2	-3.1	-4.0	-2.9	-3.5	-2.3	-1.6	0.3	-1.1	50.0
62.5	0.6	-0.1	-0.5	-0.3	-1.2	0.4	1.2	2.3	4.1	3.5	3.5	3.1	2.8	1.4	1.6	-0.2	0.0	-0.9	-0.9	-1.6	-2.2	-3.9	-3.7	-3.8	-4.5	-2.5	-4.0	-3.0	-2.5	-1.2	-2.6	-2.0	62.5
75.0	0.9	0.5	0.6	-0.1	0.7	0.9	1.7	1.9	2.2	3.8	3.5	3.1	3.1	2.6	1.3	2.3	0.3	-0.8	-2.4	-3.0	-4.4	-4.3	-4.6	-5.1	-3.0	-3.4	-2.1	-2.6	-2.2	-3.3	-3.7	-4.1	75.0

BIRK CREEK. VLF DATA,

LINE 22800N. 24.0 KHZ.

Q%	2.4	2.8	3.8	4.3	5.3	3.2	3.1	2.8	1.9	1.7	-0.2	1.8	1.6	1.9	1.8	2.1	2.5	2.6	3.7	4.3	4.4	4.2	4.3	4.8	5.7	6.7	8.1	9.7	8.8	7.3	5.2	4.0	1.3	0.8
I%	-14.4	-15.4	-14.7	-13.9	-13.7	-15.9	-17.9	-18.9	-19.7	-21.9	-23.0	-23.8	-22.9	-23.6	-20.8	-24.1	-25.0	-24.2	-23.5	-23.6	-24.5	-24.0	-24.9	-24.1	-20.7	-18.1	-15.4	-13.1	-13.3	-14.5	-15.6	-15.4	-16.8	-15.8
FRFLT	1.3	1.2	2.5	-1.0	-6.2	-7.2	-4.8	-4.8	-6.3	-5.2	-1.8	0.3	2.3	1.6	-4.7	-4.3	1.4	2.1	-0.4	-1.4	-0.8	-0.5	4.1	10.2	11.3	10.3	7.1	0.7	-3.7	-3.2	-2.1	-1.6	2.2	6

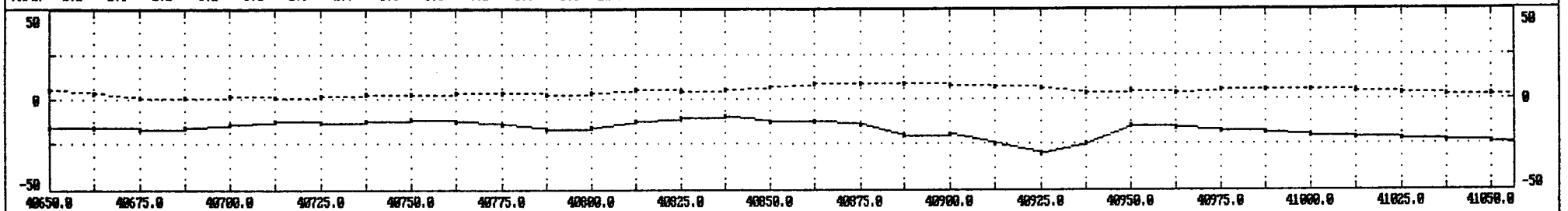


12.5	0	-0.1	0.9	0.2	-1.3	-2.6	-2.1	-1.6	-2.2	-2.1	-1.4	0.0	-0.2	1.0	-0.2	-2.4	0.1	0.4	0.3	-0.6	-0.1	0.1	0.3	2.9	3.9	3.5	3.3	1.5	-0.5	-1.3	-0.6	-0.7	-0.1	12.5
25.0	1	1.2	0.1	-0.8	-2.2	-3.1	-3.7	-3.6	-2.9	-3.3	-2.8	-1.5	1.0	-0.5	-1.6	-0.6	-1.6	0.3	0.7	0.7	-0.5	0.5	2.8	3.7	5.5	6.4	4.4	2.3	0.7	-0.2	-1.2	-0.1	1.2	25.0
37.5	1	0.3	-0.5	-2.6	-2.6	-2.9	-4.9	-5.7	-4.8	-3.1	-2.8	-1.1	-1.9	-2.0	-0.8	-0.5	0.2	-1.6	0.8	0.7	0.7	1.7	3.2	4.9	6.5	7.1	6.1	3.5	2.1	-0.1	-0.8	0.2	1.7	37.5
50.0	3	-1.1	-1.5	-1.9	-4.0	-4.5	-5.5	-6.2	-5.4	-4.7	-2.0	-3.1	-3.0	-1.1	0.1	0.5	-0.8	-0.3	-2.5	-0.3	2.1	3.5	5.1	6.6	6.8	6.0	5.6	5.4	2.6	1.3	0.7	1.0	1.4	50.0
62.5	6	-2.0	-2.9	-2.9	-3.7	-5.5	-5.6	-5.5	-6.3	-4.4	-4.5	-3.4	-2.1	-1.3	-0.3	-0.8	-0.3	-1.7	-0.9	-0.4	3.3	5.4	6.6	6.1	5.7	5.2	4.8	4.5	5.1	4.0	4.1	2.4	1.4	62.5
75.0	7	-4.1	-3.2	-4.4	-4.8	-4.6	-5.3	-4.8	-3.3	-5.6	-6.1	-4.6	-3.1	-2.7	-2.8	-1.3	-0.9	0.2	1.3	3.2	3.2	5.9	6.0	4.7	4.0	4.6	4.7	5.2	6.5	7.4	5.0	3.2	1.6	75.0

BIRK CREEK. VLF DATA,

LINE 22800N. 24.0 KHZ.

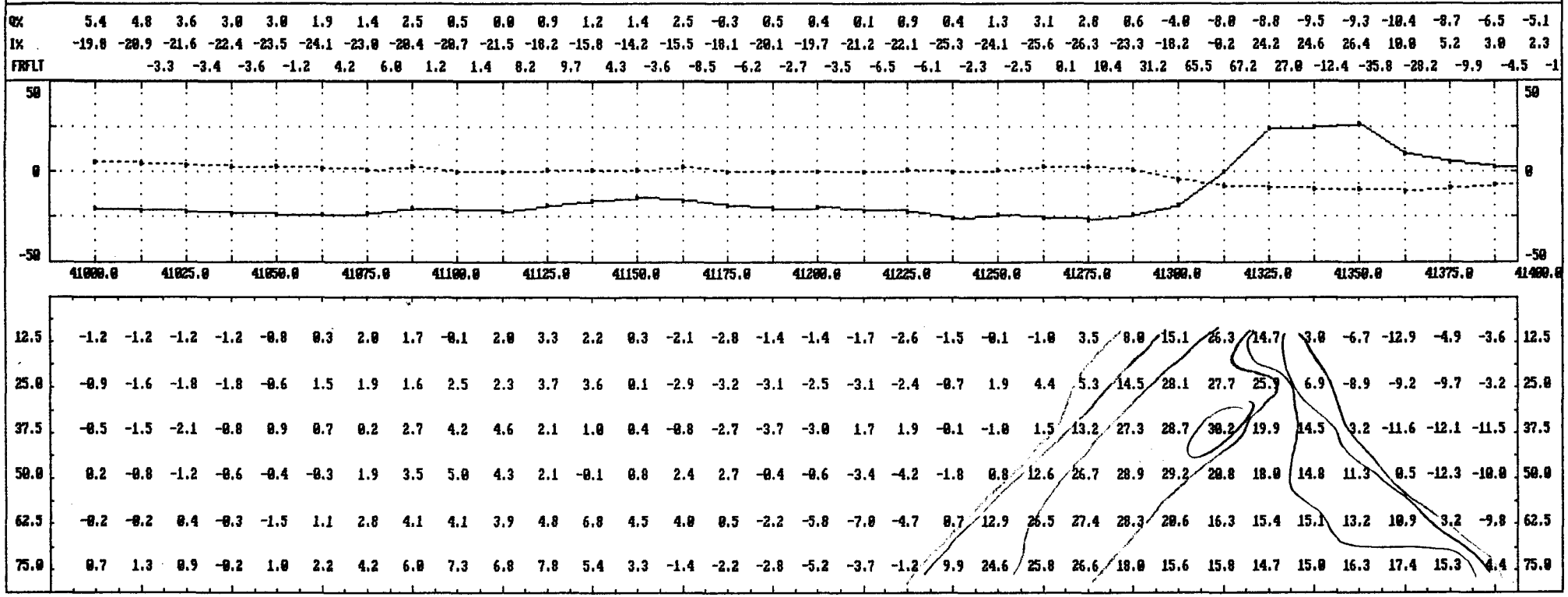
Q%	5.2	4.0	1.3	0.8	1.5	1.4	1.5	2.8	2.8	4.0	3.4	2.5	3.4	5.3	4.3	5.4	6.9	8.6	8.9	8.6	8.3	7.2	6.0	3.7	4.2	3.8	5.2	5.4	5.4	4.8	3.6	3.0	3.0	1.9
I%	-15.6	-15.4	-16.8	-15.8	-14.2	-12.3	-12.7	-11.9	-11.4	-12.6	-14.3	-16.8	-15.8	-11.8	-10.7	-9.8	-12.1	-11.8	-13.8	-19.8	-19.5	-24.4	-29.5	-24.8	-15.2	-15.4	-17.3	-18.1	-19.8	-20.9	-21.6	-22.4	-23.5	-24.1
FRFLT	-2.1	-1.6	2.2	6.1	5.0	1.9	1.7	0.6	-3.6	-7.1	-5.7	3.5	10.1	7.1	0.6	-3.4	-3.7	-9.7	-13.7	-18.3	-14.6	-10.4	13.9	23.7	7.3	-4.8	-5.2	-5.3	-4.6	-3.3	-3.4	-3.6	-1.2	4



12.5	.6	-0.7	-0.1	1.6	2.1	1.2	0.4	0.7	-0.8	-1.7	-2.1	-0.8	2.9	2.7	1.4	-0.6	-1.8	-1.3	-5.5	-4.2	-3.0	-5.5	0.0	7.7	5.2	-0.6	-0.8	-1.7	-2.0	-1.4	-1.2	-1.2	-0.8	12.5
25.0	.2	-0.1	1.2	1.6	2.0	1.8	1.4	0.3	-0.2	-2.2	-2.4	0.4	1.9	3.1	1.2	-1.0	-3.1	-5.7	-3.0	-6.6	-9.3	-3.4	1.8	4.0	6.1	3.3	-3.5	-3.2	-1.3	-1.5	-2.3	-2.3	-0.8	25.0
37.5	.8	0.2	1.7	2.1	2.7	3.6	2.1	-0.1	-2.6	-1.9	-0.5	0.1	0.8	0.1	2.0	1.6	-3.9	-5.1	-8.8	-10.1	-7.3	-0.9	1.8	0.5	2.5	4.5	1.5	-4.3	-4.5	-3.6	-2.2	0.1	1.6	37.5
50.0	.7	1.0	1.4	2.8	3.7	2.7	2.0	-1.0	-1.5	-1.1	-0.7	0.4	0.0	1.2	1.2	-1.2	-2.4	-7.8	-11.3	-9.4	-2.7	-2.7	-2.2	1.3	0.0	1.7	4.2	0.8	-4.8	-5.1	-3.5	-0.6	0.9	50.0
62.5	.1	2.4	1.4	1.3	0.9	0.7	-1.0	0.0	2.2	2.8	1.9	0.7	0.3	-1.5	-4.6	-3.3	-4.7	-8.0	-7.6	-2.9	-3.5	-3.4	-4.1	-3.3	-0.2	-0.5	2.1	4.5	1.1	-4.1	-2.5	-1.5	-1.8	62.5
75.0	.0	3.2	1.6	-0.6	-1.8	-2.1	0.3	3.0	4.4	4.6	2.7	1.2	-0.7	-4.9	-5.3	-7.6	-9.2	-4.6	0.3	-2.0	-3.1	-4.0	-3.8	-4.9	-3.8	-0.5	-1.2	1.5	5.1	4.3	-1.4	-2.4	0.5	75.0

BIRK CREEK. VLF DATA,

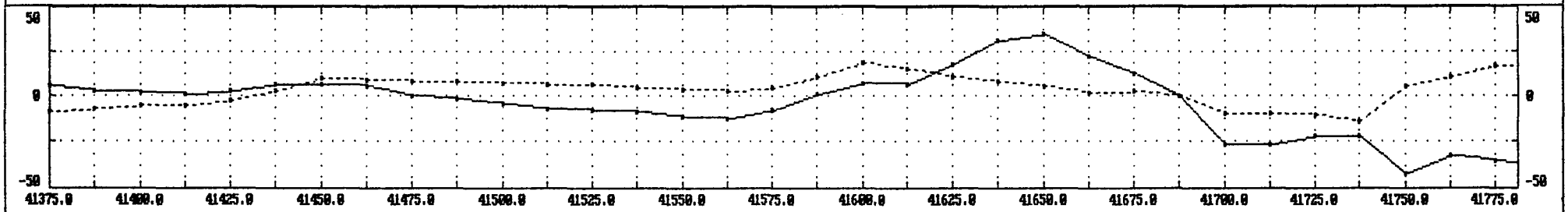
LINE 22800N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 22800N. 24.0 KHZ.

Q%	-8.7	-6.5	-5.1	-5.4	-2.4	2.6	10.1	8.6	7.8	8.4	7.0	6.4	6.6	4.9	3.4	2.4	4.9	10.7	19.0	14.8	10.7	7.7	5.6	1.6	2.4	0.1	-9.4	-9.3	-10.5	-13.6	5.5	10.3	16.6	15.3
I%	5.2	3.0	2.3	1.4	2.5	6.1	6.6	5.4	-0.2	-1.9	-4.0	-6.8	-8.1	-9.1	-11.4	-12.1	-8.1	1.0	7.5	6.0	17.7	31.2	34.9	22.5	12.4	0.2	-26.7	-26.5	-22.3	-21.6	-42.4	-32.5	-35.4	-38.3
FRFLT	-9.9	-4.5	-1.4	4.9	8.8	3.4	-7.5	-14.1	-11.1	-8.7	-9.0	-6.4	-5.6	-6.3	0.3	16.4	28.7	20.6	15.2	35.4	42.4	8.5	-31.2	-44.8	-61.4	-65.8	-22.3	9.3	-15.2	-31.0	-3.9	1.2	-2.6	

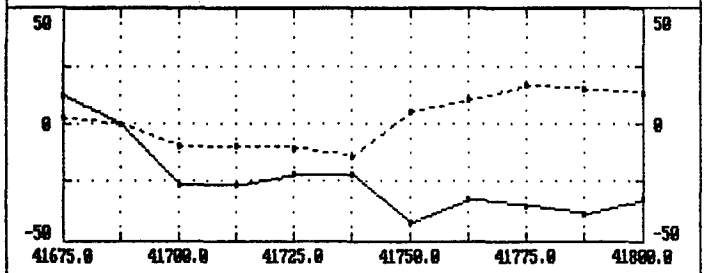


12.5	9	-3.6	-1.1	0.1	2.6	1.8	-0.6	-4.0	-4.8	-2.9	-3.8	-3.0	-1.9	-2.0	-0.9	2.8	7.8	10.7	5.7	8.3	14.7	9.2	-5.2	-15.3	-14.8	-24.9	-17.4	-1.8	0.3	-11.8	-6.5	3.9	-4.8	12.5
25.0	7	-3.2	-2.8	-0.7	-0.4	0.8	-2.5	-5.2	-6.7	-7.3	-4.5	-3.5	-3.6	-3.1	1.1	8.3	13.0	10.8	13.8	15.8	12.6	7.8	-2.4	-17.8	-37.3	-28.3	-20.3	-16.1	-12.8	-6.5	-11.2	-11.9	6.2	25.0
37.5	1	-11.5	0.9	3.4	2.2	-4.0	-4.8	-6.5	-7.3	-7.2	-7.2	-4.4	-2.7	1.0	5.0	7.4	5.6	11.9	20.6	21.7	11.5	0.1	-4.8	-26.0	-32.1	-32.3	-24.8	-30.4	-17.8	-6.2	-9.8	-9.8	-9.5	37.5
50.0	3	-10.0	-10.7	-0.8	0.7	1.7	1.3	-2.7	-5.8	-7.7	-9.5	-8.8	-4.6	-0.1	1.8	3.3	11.2	19.7	22.3	16.7	8.7	-3.4	-20.2	-19.5	-23.0	-29.2	-42.5	-29.9	-25.5	-20.4	-2.2	-2.0	-5.2	50.0
62.5	2	-9.8	-9.6	-12.7	-3.9	-0.2	2.2	1.8	-0.1	-4.4	-10.9	-15.1	-9.6	-1.9	0.6	7.7	19.7	22.2	15.0	11.0	5.4	-12.5	-17.2	-17.6	-16.5	-34.5	-36.0	-38.9	-33.0	-23.7	-15.2	1.3	1.4	62.5
75.0	3	4.4	-10.8	-10.4	-12.6	-6.4	-5.5	-4.6	-7.6	-8.1	-6.0	-3.4	-2.4	-2.8	5.7	13.8	17.3	13.9	10.9	4.4	-9.4	-8.5	-8.9	-14.0	-29.4	-22.9	-30.6	-39.6	-37.7	-29.0	-21.8	-14.0	3.0	75.0

BIRK CREEK. VLF DATA,

LINE 22800N. 24.0 KHZ.

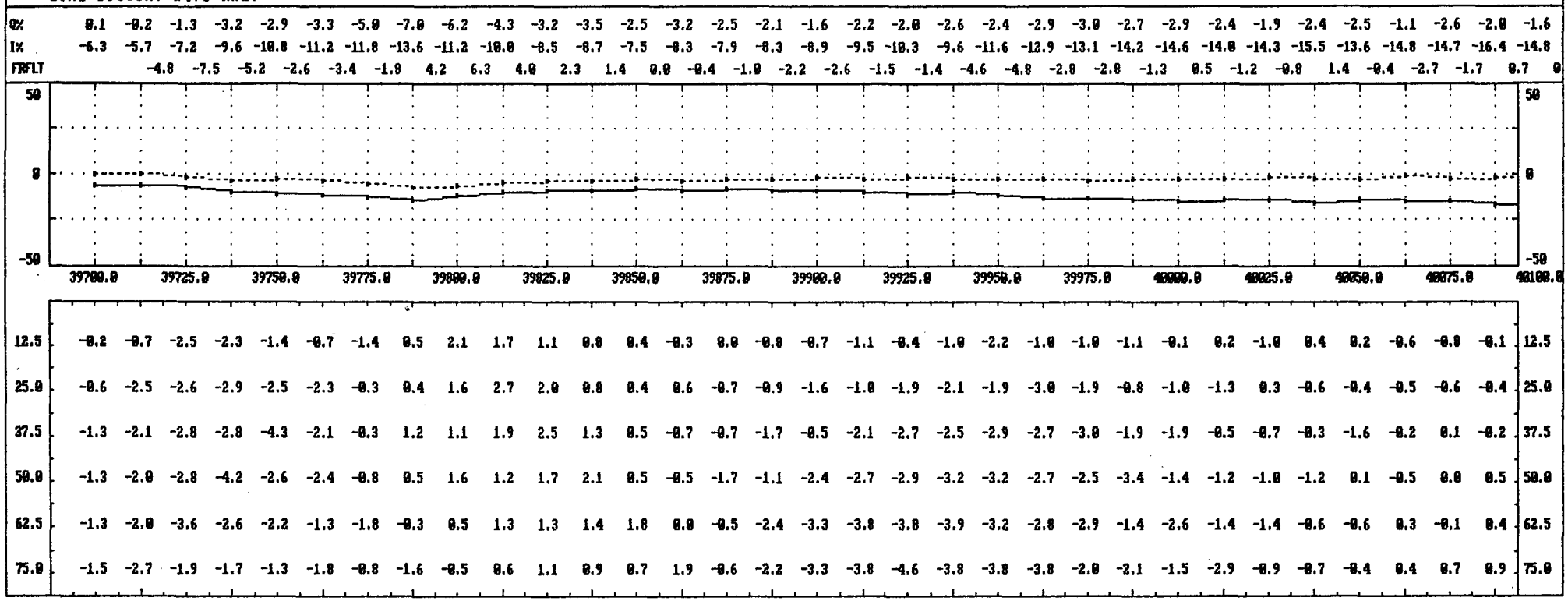
%:	2.4	0.1	-9.4	-9.3	-10.5	-13.6	5.5	10.3	16.6	15.3	13.0
I%:	12.4	0.2	-26.7	-26.5	-22.3	-21.6	-42.4	-32.5	-35.4	-38.3	-32.2
FRFLT:	-61.4	-65.8	-22.3	9.3	-15.2	-31.0	-3.9	1.2	-2.6		



12.5	0	-24.9	-17.4	-1.8	8.3	-11.8	-6.5	3.9	-4.8	3.8	4
25.0	3	-28.3	-28.3	-16.1	-12.8	-6.5	-11.2	-11.9	6.2	1.6	2
37.5	1	-32.3	-24.8	-30.4	-17.8	-6.2	-9.8	-9.8	-9.5	4.1	1
50.0	0	-29.2	-42.5	-29.9	-25.5	-20.4	-2.2	-2.0	-5.2	-6.7	4
62.5	5	-34.5	-36.0	-38.9	-33.0	-23.7	-15.2	1.3	1.4	-1.3	-1
75.0	4	-22.9	-30.6	-39.6	-37.7	-29.0	-21.8	-14.0	3.0	4.7	3

BIRK CREEK. VLF DATA,

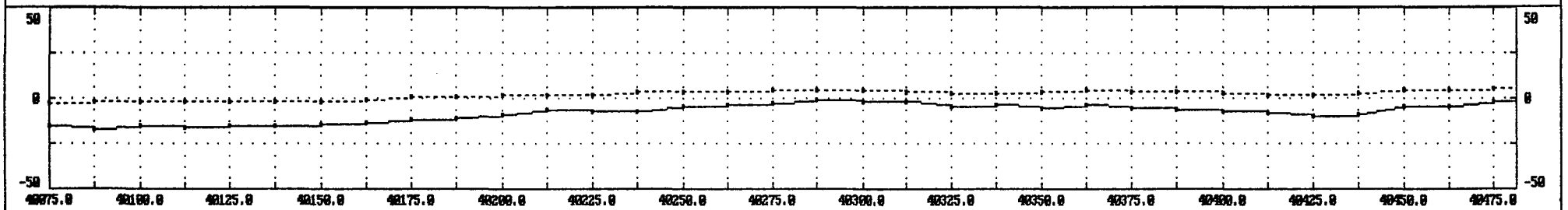
LINE 23000N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 23000N. 24.0 KHZ.

Q%	-2.6	-2.0	-1.6	-1.9	-1.3	-1.3	-1.3	-0.7	0.8	0.6	1.7	1.9	2.2	3.4	3.4	3.7	4.2	4.9	4.7	3.7	3.0	3.2	3.3	4.1	3.7	3.3	3.2	2.2	1.8	2.8	4.1	4.1	5.7	6.0
I%	-14.7	-16.4	-14.8	-15.6	-14.8	-14.7	-14.1	-13.3	-11.4	-10.6	-8.4	-6.2	-6.5	-7.2	-4.2	-3.1	-2.6	-0.4	-1.5	-1.9	-4.4	-3.7	-4.8	-3.6	-4.9	-5.8	-7.0	-7.8	-9.9	-8.5	-4.6	-4.5	-1.5	-2.0
FRFLT	-1.7	0.7	0.8	0.9	1.6	2.1	4.1	5.4	5.7	7.4	6.3	0.9	1.3	6.4	5.7	4.3	3.8	-0.4	-4.4	-4.7	-2.2	-0.3	0.0	-2.3	-4.3	-4.1	-4.9	-3.6	4.6	9.3	7.1	5.6	2.8	-0

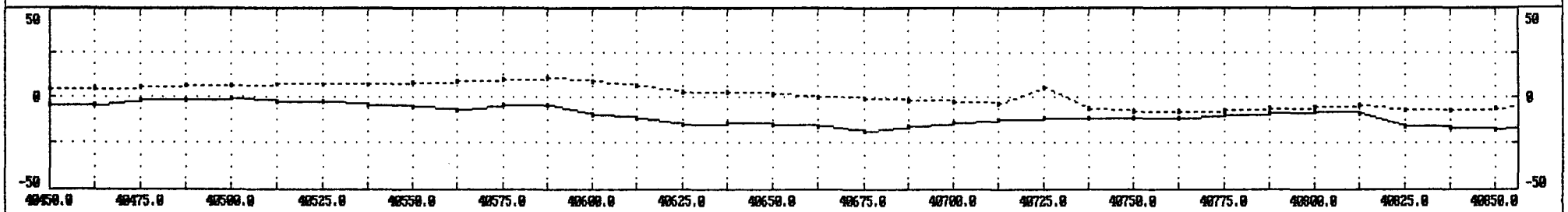


12.5	.8	-0.1	0.5	0.0	0.8	0.6	1.1	1.9	2.0	2.0	2.8	1.6	0.0	1.7	2.7	1.0	1.9	0.5	-0.8	-1.7	-1.1	-0.5	-0.3	-0.2	-1.5	-1.5	-1.3	-1.4	-0.4	3.3	2.3	2.2	1.8	12.5
25.0	.6	-0.4	0.3	1.4	0.7	1.8	2.4	2.7	3.8	4.8	3.4	2.8	3.1	2.3	2.5	4.3	1.8	0.7	-0.8	-1.7	-2.0	-1.1	-0.7	-1.7	-1.2	-2.3	-2.5	-1.3	1.5	1.7	4.6	3.6	1.6	25.0
37.5	.1	-0.2	0.7	0.9	2.1	2.4	3.6	4.2	5.6	4.9	4.2	4.3	4.7	3.6	4.0	3.3	3.5	0.2	-0.1	-1.5	-1.9	-1.4	-1.5	-0.7	-2.0	-2.6	-3.2	0.0	0.3	2.9	2.8	4.8	2.9	37.5
50.0	.0	0.5	0.1	1.4	2.5	4.2	4.4	5.8	5.0	4.5	5.7	6.1	5.3	6.2	4.1	2.6	1.3	2.3	0.5	0.7	-0.1	-2.1	-2.3	-2.9	-2.7	-2.3	0.0	-0.8	1.6	1.7	2.5	1.9	3.1	50.0
62.5	.1	0.4	1.0	1.7	2.5	3.6	5.0	4.6	5.1	6.2	6.7	6.4	7.4	5.2	4.9	2.7	2.2	2.0	3.3	0.9	-0.5	-1.4	-3.5	-4.4	-3.5	0.3	-0.3	1.7	0.7	1.3	0.5	1.4	0.9	62.5
75.0	.7	0.9	1.5	2.6	2.7	4.6	4.4	4.8	5.8	5.8	6.7	7.9	7.5	6.7	4.8	4.8	3.0	2.3	1.6	1.5	-1.2	-2.2	-3.4	-3.7	-1.5	-1.5	1.4	0.8	1.4	-0.3	0.7	0.7	0.5	75.0

BIRK CREEK. VLF DATA,

LINE 23000N. 24.0 KHZ.

Q%	4.1	4.1	5.7	6.0	6.6	6.8	7.6	7.4	7.7	8.9	9.5	10.6	9.2	5.9	2.5	2.9	1.8	0.0	-0.8	-2.0	-2.2	-3.6	5.4	-6.1	-7.4	-7.5	-6.6	-6.4	-5.3	-4.7	-6.5	-7.1	-5.7	-3.4
I%	-4.6	-4.5	-1.5	-2.0	-1.2	-2.9	-2.4	-3.9	-5.4	-6.5	-4.2	-4.7	-9.6	-11.5	-14.5	-13.7	-15.1	-15.8	-18.1	-16.0	-14.0	-12.5	-11.7	-11.0	-11.3	-11.3	-9.7	-9.0	-7.7	-9.1	-16.1	-16.2	-17.8	-14.6
FRFLT	7.1	5.6	2.8	-0.6	-2.1	-2.2	-4.0	-5.6	-1.4	3.0	-3.6	-12.2	-11.7	-7.1	-2.8	-2.7	-5.1	-3.2	3.9	7.6	5.8	3.8	1.9	0.1	1.3	3.9	4.3	1.9	-8.5	-15.5	-8.8	-0.1	5.2	4

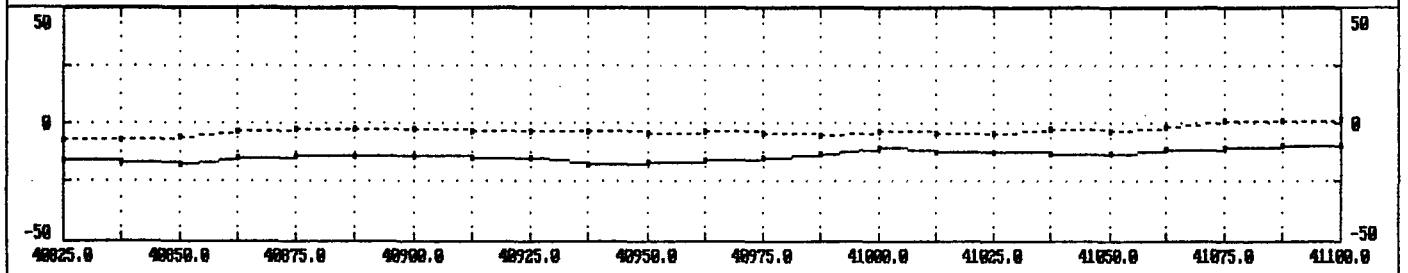


12.5	.3	2.2	1.8	0.3	-0.4	-1.0	-0.8	-1.8	-1.5	0.0	0.5	-3.7	-3.9	-3.3	-2.0	-0.9	-1.4	-1.5	-0.1	2.5	2.1	1.7	1.2	0.6	0.1	1.2	1.3	0.5	-0.2	-5.1	-4.0	-1.3	0.3	12.5
25.0	.6	3.6	1.6	0.8	0.1	-0.6	-2.7	-2.6	-1.8	-1.1	-3.1	-3.5	-6.8	-5.7	-3.1	-2.4	-2.5	-1.9	0.3	1.7	3.9	3.0	1.8	0.9	1.0	0.9	1.9	1.3	-3.5	-4.2	-5.6	-3.1	0.9	25.0
37.5	.8	4.8	2.9	0.7	-0.6	-3.2	-2.8	-1.8	-1.0	-4.7	-4.6	-5.6	-4.2	-6.5	-6.5	-5.3	-2.8	0.2	0.5	1.5	2.0	2.9	1.7	1.7	1.8	2.3	1.5	-2.1	-2.5	-4.5	-3.5	-4.0	-2.9	37.5
50.0	.5	1.9	3.1	1.5	-1.3	-2.1	-2.6	-2.2	-4.8	-4.6	-6.0	-4.9	-5.4	-5.3	-8.1	-6.6	-2.8	-0.9	0.5	0.5	0.8	1.6	3.8	3.1	3.3	1.5	-2.7	-3.4	-3.8	-1.7	-2.0	-2.2	-2.6	50.0
62.5	.5	1.4	0.9	1.3	0.3	-0.3	-0.5	-4.8	-5.6	-7.7	-6.1	-6.9	-6.2	-6.4	-4.8	-6.2	-5.1	-2.5	-0.9	0.6	0.9	2.6	3.2	5.0	2.8	-2.4	-3.3	-4.0	-2.4	-1.1	-1.3	-1.7	-2.7	62.5
75.0	.7	0.7	0.5	0.4	2.9	1.8	-3.0	-4.3	-7.4	-6.8	-8.0	-7.7	-9.6	-7.4	-5.4	-3.6	-4.3	-3.7	-1.1	-0.2	2.0	1.6	3.2	3.0	0.1	-0.9	-2.6	-1.6	-2.1	-2.6	-1.8	-2.1	-2.7	75.0

BIRK CREEK. VLF DATA,

LINE 23000N. 24.0 KHZ.

QX	-6.5	-7.1	-5.7	-3.4	-2.5	-2.1	-2.1	-3.3	-3.6	-3.5	-4.5	-3.3	-4.7	-4.9	-3.7	-3.9	-4.2	-2.8	-3.3	-1.3	0.6	1.1	1.6
IX	-16.1	-16.2	-17.8	-14.6	-14.2	-14.1	-13.6	-14.8	-15.0	-17.2	-16.8	-15.4	-15.1	-13.4	-10.4	-12.6	-12.4	-12.7	-12.7	-11.2	-10.2	-9.9	-9.7
FRFLT	-8.8	-0.1	5.2	4.1	1.1	-0.1	-2.1	-3.8	-4.2	0.0	3.5	3.7	6.7	5.5	-1.2	-2.1	-0.4	1.2	4.0	3.8	1.8		

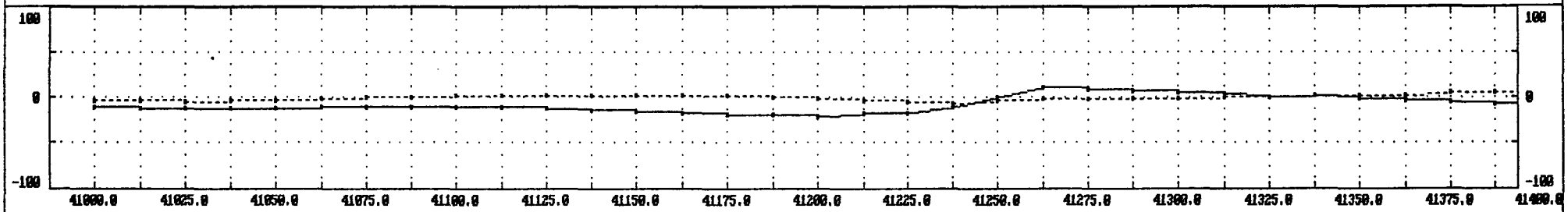


12.5	0	-1.3	0.3	2.2	0.2	0.6	-0.6	-0.9	-1.3	-1.1	1.2	1.2	1.2	2.9	0.6	-0.9	0.3	-0.2	1.0	1.5	0.9	0.6	0
25.0	6	-3.1	0.9	0.7	1.4	-0.7	-0.4	-1.4	-1.0	-0.2	-0.1	2.1	3.5	1.7	1.0	0.9	-0.9	1.2	1.0	1.9	1.7	1.3	0
37.5	5	-4.0	-2.9	1.5	1.1	1.9	-1.9	-2.1	-1.5	-0.6	1.2	3.3	3.0	2.7	1.7	1.4	1.4	0.4	2.1	2.2	2.6	2.7	1
50.0	0	-2.2	-2.6	-3.0	0.9	-0.5	0.6	-0.2	-0.8	0.1	1.3	1.0	2.0	3.1	3.0	2.7	3.1	2.2	0.6	2.2	2.4	3.1	3
62.5	3	-1.7	-2.7	-3.4	-4.1	0.1	0.9	1.9	1.1	2.5	0.8	0.5	0.8	1.0	3.3	4.3	3.8	3.8	2.8	1.1	2.6	2.7	3
75.0	8	-2.1	-2.7	-4.2	-4.5	-2.8	1.6	2.3	4.8	1.6	1.6	1.2	0.5	2.1	2.5	4.0	3.8	3.4	4.2	3.4	2.1	3.1	3

BIRK CREEK. VLF DATA,

LINE 23000N. 24.0 KHZ.

%:	-3.7	-3.9	-4.2	-2.8	-3.3	-1.3	0.6	1.1	1.6	1.8	2.6	2.4	2.6	2.1	1.3	-0.6	-2.3	-3.4	-4.5	-6.5	-3.9	-2.4	-1.1	-1.8	-1.8	-0.1	0.7	1.7	2.5	2.4	4.8	5.6	5.1
I%:	-10.4	-12.6	-12.4	-12.7	-12.7	-11.2	-10.2	-9.9	-9.7	-10.5	-12.8	-14.1	-15.7	-17.0	-19.4	-19.5	-20.1	-17.5	-17.1	-9.9	1.1	10.5	9.3	7.6	4.9	3.5	0.0	1.6	-1.6	-3.2	-5.1	-6.4	-9.4
FRFLT:			-2.1	-0.4	1.2	4.0	3.8	1.8	-0.1	-3.7	-6.7	-6.5	-5.8	-6.6	-6.2	-3.2	1.3	5.0	10.6	25.8	38.6	28.6	5.3	-7.3	-8.5	-9.0	-6.8	-3.5	-6.4	-8.3	-6.7	-7.5	-9.3	-10

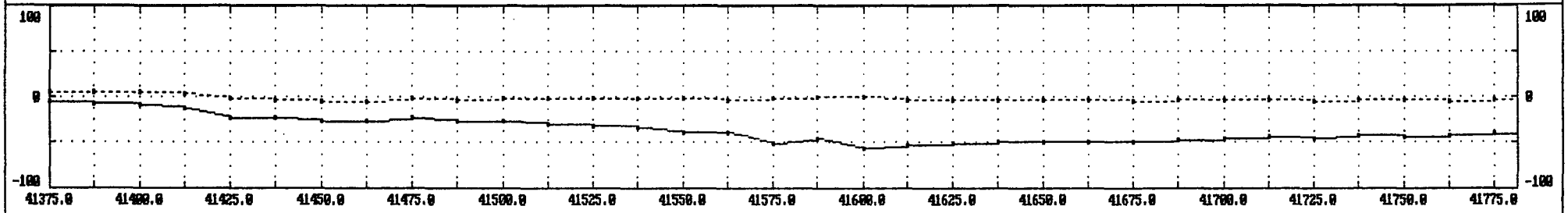


12.5	-1.8	-1.2	-0.1	-0.2	1.0	1.5	0.8	0.2	-0.5	-2.1	-2.4	-2.2	-2.2	-2.5	-1.5	-0.5	1.7	3.2	6.1	11.6	12.4	5.8	-0.5	-2.2	-2.7	-3.5	-1.8	-1.5	-3.4	-2.5	-2.7	-4.1	12.5
25.0	-0.7	-1.5	-1.0	0.9	0.9	1.0	1.2	0.0	-2.0	-2.7	-3.6	-3.7	-3.8	-2.6	-1.1	1.6	2.6	6.0	12.3	16.2	15.3	10.7	3.0	-3.1	-3.8	-2.2	-3.9	-5.2	-5.3	-6.7	-6.2	-6.3	25.0
37.5	-0.2	-1.1	-1.1	0.0	1.3	1.1	0.7	-0.8	-2.0	-3.4	-3.3	-3.7	-2.3	-1.9	-0.6	-0.5	4.0	11.2	16.8	16.4	14.0	12.2	7.5	-0.4	-4.9	-6.6	-6.0	-5.3	-5.4	-5.9	-9.3	-13.9	37.5
50.0	0.1	0.2	0.0	-0.5	0.3	1.3	0.1	0.2	0.3	-0.7	-2.9	-3.8	-5.1	-3.6	-2.3	2.8	9.7	15.4	15.9	14.6	13.2	10.9	7.7	4.8	-3.3	-9.1	-8.1	-7.9	-7.0	-7.3	-12.4	-13.9	50.0
62.5	1.5	1.4	1.3	0.9	0.7	1.1	2.5	1.2	0.4	-1.7	-3.6	-5.6	-4.2	-4.5	-0.1	7.5	13.8	13.7	13.5	12.2	11.3	9.1	8.6	7.0	2.3	-4.7	-10.6	-11.5	-11.9	-16.5	-15.1	-15.7	62.5
75.0	3.3	3.6	4.3	4.2	2.2	0.5	-0.2	-0.3	-2.8	-3.1	-3.8	-3.2	-3.8	-0.2	5.7	10.9	10.5	10.3	9.6	9.8	9.8	10.4	9.6	6.7	5.2	0.3	-8.5	-14.8	-21.6	-19.5	-21.0	-19.4	75.0

BIRK CREEK. VLF DATA,

LINE 23000N. 24.0 KHZ.

Q%	4.8	5.6	5.1	3.9	-0.8	-4.1	-5.0	-4.3	-1.7	-3.7	-0.8	-1.0	-1.3	-2.3	-1.2	-3.5	-1.2	0.5	0.2	-2.8	-3.0	-3.0	-3.9	-3.9	-4.2	-4.0	-2.6	-3.8	-4.2	-3.4	-3.5	-4.2	-3.4	-3.3
I%	-5.1	-6.4	-9.4	-11.4	-23.0	-22.8	-26.7	-27.1	-23.0	-27.1	-26.5	-29.3	-31.2	-32.4	-37.8	-39.1	-50.2	-45.0	-55.9	-52.4	-51.0	-50.0	-50.0	-50.0	-49.9	-46.7	-45.3	-43.3	-45.6	-42.7	-44.0	-42.9	-40.8	-40.9
FRFLT	-7.5	-9.3	-18.6	-25.0	-15.1	-8.0	-0.6	3.7	-3.5	-5.7	-6.9	-7.8	-9.7	-13.3	-19.1	-18.3	-11.6	-13.1	-2.5	7.3	3.4	1.0	0.1	3.4	7.9	8.0	3.1	0.3	2.2	1.4	3.0	5.2	-1.4	

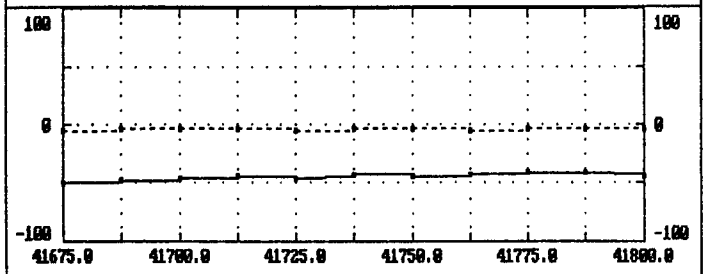


12.5	.7	-4.1	-3.7	-8.9	-7.5	-2.5	-4.0	2.0	-0.7	-2.3	-1.3	-3.8	-2.3	-5.5	-4.2	-8.7	-4.3	-3.8	-5.2	3.1	0.5	1.0	0.5	0.4	2.3	2.6	2.4	0.2	0.6	1.3	-0.2	1.8	0.8	12.5
25.0	.2	-6.3	-10.9	-10.7	-11.2	-10.2	-1.7	-4.0	-2.3	-3.5	-6.7	-4.5	-7.7	-7.0	-11.8	-8.0	-11.4	-8.5	-1.6	-3.6	2.5	1.0	0.5	1.5	3.5	4.3	3.1	2.8	0.8	0.3	2.9	1.0	-0.5	25.0
37.5	.3	-13.9	-13.4	-14.1	-13.8	-9.9	-11.4	-5.4	-6.2	-6.1	-6.1	-11.2	-8.9	-14.6	-9.9	-14.9	-11.8	-8.5	-6.7	-1.0	-3.7	2.3	1.9	2.8	2.9	2.5	3.4	3.7	2.2	2.4	1.1	0.6	-1.7	37.5
50.0	.4	-13.9	-16.2	-16.5	-14.3	-15.0	-13.7	-13.6	-7.1	-8.4	-8.4	-9.1	-18.2	-12.5	-18.8	-14.9	-11.8	-10.7	-7.5	-6.9	-0.8	-1.8	4.5	3.7	0.9	2.2	1.5	2.4	4.7	2.3	0.7	-1.6	-1.2	50.0
62.5	.1	-15.7	-16.5	-13.6	-15.2	-14.8	-16.1	-15.5	-14.5	-11.0	-11.6	-15.2	-12.2	-20.7	-16.6	-16.3	-14.2	-12.8	-11.5	-8.0	-5.5	1.5	-0.6	3.6	3.4	1.7	1.3	2.9	2.3	1.1	-1.3	-1.7	-4.1	62.5
75.0	.0	-19.4	-13.8	-16.3	-13.5	-14.9	-14.4	-15.0	-17.7	-18.0	-18.0	-14.8	-18.7	-16.5	-17.8	-15.3	-16.2	-14.8	-13.7	-11.4	-7.3	-5.6	0.6	-0.9	4.7	3.3	2.9	2.6	-0.1	-0.3	-1.6	-3.9	-4.8	75.0

BIRK CREEK. VLF DATA,

LINE 23000N. 24.0 KHZ.

Q%	-4.2	-4.0	-2.6	-3.8	-4.2	-3.4	-3.5	-4.2	-3.4	-3.3	-3.3
I%	-49.9	-46.7	-45.3	-43.3	-45.6	-42.7	-44.0	-42.9	-40.8	-40.9	-44.2
FRFLT	-37.4	8.0	3.1	0.3	2.2	1.4	3.0	5.2	-1.4		

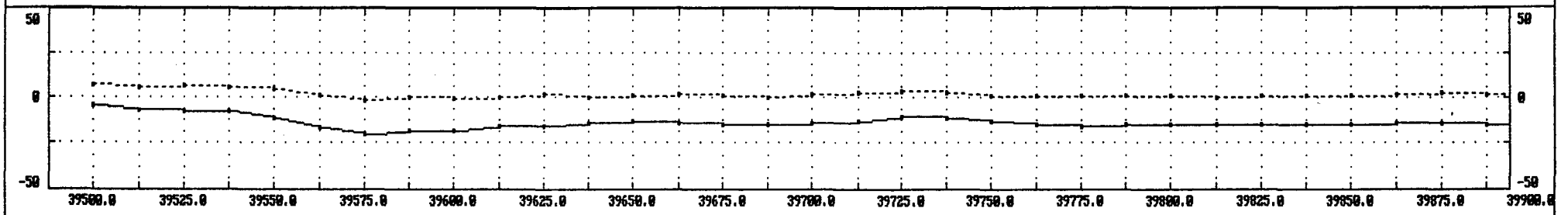


12.5	.9	1.6	-2.2	0.2	0.6	1.3	-0.2	1.0	0.0	-2.0	-2
25.0	.3	-18.9	0.5	1.5	-3.0	-4.3	2.9	1.0	-0.5	-1.9	-3
37.5	.7	-18.1	-19.2	6.0	4.4	0.4	-2.0	-3.1	-6.3	-1.7	-3
50.0	.2	-19.3	-19.1	-23.0	7.4	4.5	2.9	1.1	-6.0	-7.5	-7
62.5	.4	-24.3	-20.2	-17.7	-23.1	1.1	1.4	0.6	-2.0	0.1	-5
75.0	.7	3.3	-23.1	-19.0	-20.7	-25.7	-1.6	-3.9	-2.1	-4.3	-2

BIRK CREEK. VLF DATA,

LINE 23200N. 24.0 KHZ.

%:	6.8	5.1	6.8	5.5	4.2	0.9	-1.9	-0.1	-0.5	0.0	1.6	0.2	1.3	2.1	0.6	0.4	1.6	2.4	3.3	3.1	0.9	1.2	1.0	1.0	1.3	0.1	0.7	0.6	1.4	1.7	3.1	2.2	1.8
I%:	-3.9	-7.1	-7.5	-7.9	-11.1	-16.7	-20.4	-18.4	-18.0	-15.8	-15.9	-14.1	-13.3	-13.9	-14.8	-15.3	-14.2	-12.8	-10.4	-11.6	-13.3	-15.1	-15.8	-15.3	-15.0	-14.6	-14.9	-15.1	-14.5	-14.4	-14.2	-15.3	-15.1
FMFLT:		-4.4	-4.4	-12.4	-18.1	-11.0	0.7	5.0	4.7	3.8	4.3	2.8	-1.3	-2.9	-0.8	3.1	6.3	5.0	-1.7	-6.4	-6.0	-2.7	0.6	1.5	0.0	-0.4	-0.1	1.1	1.0	-0.6	-1.8	-0.6	0

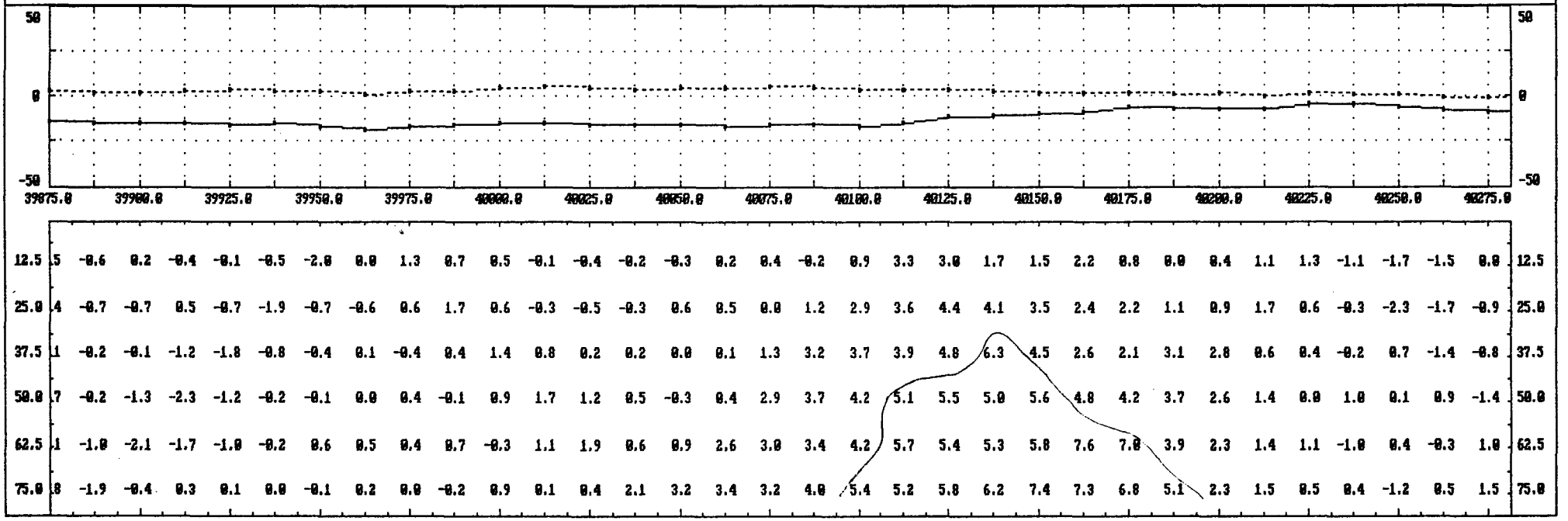


12.5	-2.0	-2.4	-1.5	-3.1	-5.3	-5.7	-1.4	0.8	1.5	1.6	1.1	1.7	0.1	-0.6	-0.6	0.6	1.4	2.1	0.6	-1.7	-1.9	-1.7	-0.3	0.3	0.3	0.2	-0.2	0.3	0.3	0.2	-0.5	-0.6	12.5
25.0	-2.8	-3.5	-4.1	-5.5	-7.6	-6.6	-4.3	0.2	1.9	1.5	2.0	1.3	1.4	-0.2	-0.4	0.5	2.5	2.0	0.4	-1.4	-3.0	-1.9	-0.7	0.3	0.2	-0.3	0.0	0.1	0.4	0.0	-0.4	-0.7	25.0
37.5	-0.6	-3.6	-7.7	-8.9	-6.1	-5.9	-4.9	-3.3	0.8	3.8	2.2	1.0	-1.0	0.1	0.6	2.1	1.7	1.2	0.3	-0.7	-1.4	-2.7	-1.8	-0.8	0.3	0.8	0.4	-0.2	-1.1	-0.5	0.1	-0.2	37.5
50.0	-0.9	-5.4	-8.6	-8.7	-7.5	-4.4	-4.0	-2.9	-1.2	0.9	2.1	0.6	1.1	0.8	2.1	0.5	-0.5	-0.5	0.0	0.4	-0.1	-0.9	-2.5	-2.0	-0.9	0.1	1.0	0.1	0.0	-0.3	-0.7	-0.2	50.0
62.5	-3.1	-6.2	-6.1	-6.7	-6.6	-5.9	-3.4	-2.9	-3.2	-1.9	0.8	3.2	2.7	3.6	1.3	0.3	-1.7	-2.4	-1.7	-0.6	0.5	0.1	-1.2	-2.1	-1.5	-0.5	-0.1	0.5	0.3	-0.1	-0.1	-1.0	62.5
75.0	-3.4	-3.5	-4.5	-4.5	-5.0	-5.9	-4.6	-3.1	-3.4	-3.5	-1.0	2.8	5.9	3.6	2.3	-0.1	-0.9	-2.1	-2.6	-1.7	-1.1	-0.7	-0.6	-0.7	-1.4	-1.6	-0.7	0.0	0.3	0.3	-0.0	-1.9	75.0

BIRK CREEK. VLF DATA,

LINE 23200N. 24.0 KHZ.

Q%	3.1	2.2	1.8	2.8	3.6	3.1	2.8	1.1	2.4	3.2	4.8	5.8	4.1	3.6	4.9	4.9	5.1	4.5	3.8	3.4	3.8	3.2	2.0	1.5	1.9	1.4	2.1	0.5	2.1	0.8	1.1	-0.4	-0.6	0.2
I%	-14.2	-15.3	-15.1	-15.0	-15.4	-14.7	-16.4	-18.3	-16.5	-15.7	-15.1	-15.2	-15.4	-15.8	-15.9	-16.3	-15.4	-15.8	-16.5	-14.9	-11.2	-10.2	-9.4	-8.3	-5.9	-7.1	-6.7	-7.0	-4.4	-4.5	-6.1	-7.9	-8.3	-7.7
FRFLT	-1.8	-0.6	0.0	0.0	-0.7	-4.6	-3.7	2.5	4.0	1.9	0.2	-0.9	-1.1	-1.0	0.0	1.0	-0.6	-0.2	6.2	10.0	6.5	3.7	5.4	4.7	0.4	-0.7	2.4	4.8	0.8	-5.1	-5.6	-2.0	0.0	0

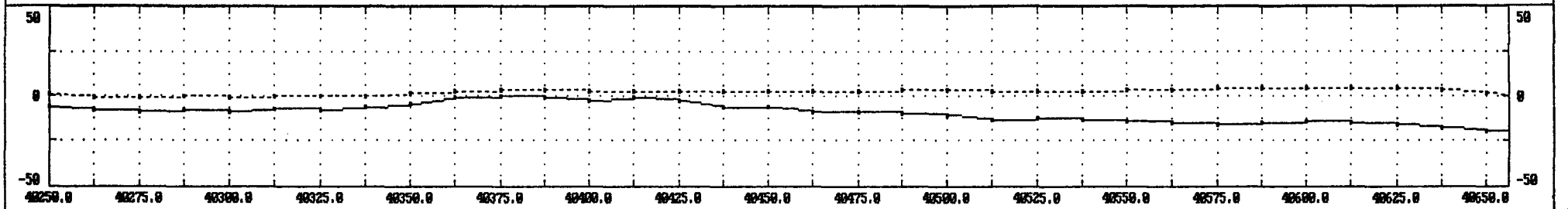


12.5	.5	-0.6	0.2	-0.4	-0.1	-0.5	-2.0	0.0	1.3	0.7	0.5	-0.1	-0.4	-0.2	-0.3	0.2	0.4	-0.2	0.9	3.3	3.0	1.7	1.5	2.2	0.8	0.0	0.4	1.1	1.3	-1.1	-1.7	-1.5	0.8	12.5
25.0	.4	-0.7	-0.7	0.5	-0.7	-1.9	-0.7	-0.6	0.6	1.7	0.6	-0.3	-0.5	-0.3	0.6	0.5	0.0	1.2	2.9	3.6	4.4	4.1	3.5	2.4	2.2	1.1	0.9	1.7	0.6	-0.3	-2.3	-1.7	-0.9	25.0
37.5	.1	-0.2	-0.1	-1.2	-1.8	-0.8	-0.4	0.1	-0.4	0.4	1.4	0.8	0.2	0.2	0.0	0.1	1.3	3.2	3.7	3.9	4.8	6.3	4.5	2.6	2.1	3.1	2.8	0.6	0.4	-0.2	0.7	-1.4	-0.8	37.5
50.0	.7	-0.2	-1.3	-2.3	-1.2	-0.2	-0.1	0.0	0.4	-0.1	0.9	1.7	1.2	0.5	-0.3	0.4	2.9	3.7	4.2	5.1	5.5	5.0	5.6	4.8	4.2	3.7	2.6	1.4	0.0	1.0	0.1	0.9	-1.4	50.0
62.5	.1	-1.0	-2.1	-1.7	-1.0	-0.2	0.6	0.5	0.4	0.7	-0.3	1.1	1.9	0.6	0.9	2.6	3.0	3.4	4.2	5.7	5.4	5.3	5.8	7.6	7.0	3.9	2.3	1.4	1.1	-1.0	0.4	-0.3	1.0	62.5
75.0	.8	-1.9	-0.4	0.3	0.1	0.0	-0.1	0.2	0.0	-0.2	0.9	0.1	0.4	2.1	3.2	3.4	3.2	4.0	5.4	5.2	5.8	6.2	7.4	7.3	6.8	5.1	2.3	1.5	0.5	0.4	-1.2	0.5	1.5	75.0

BIRK CREEK. VLF DATA,

LINE 23200N. 24.0 KHZ.

0%	1.1	-0.4	-0.6	0.2	-0.7	0.0	0.3	0.0	1.6	3.1	3.9	3.6	3.1	3.2	3.1	2.9	3.0	2.5	2.6	3.5	3.4	2.4	3.0	2.7	3.7	3.9	4.1	4.2	4.2	4.8	4.8	3.7	1.6	-1.6
I%	-6.1	-7.9	-8.3	-7.7	-8.5	-7.1	-7.8	-5.8	-4.1	-0.4	0.1	-0.6	-2.1	-1.2	-2.8	-6.0	-6.3	-8.6	-8.3	-9.8	-10.9	-12.7	-12.6	-12.8	-13.9	-14.8	-15.6	-14.8	-14.3	-14.8	-15.9	-17.7	-19.2	-19.6
FRFLT	-5.6	-2.0	0.0	0.4	1.3	2.0	5.0	9.1	9.6	4.0	-2.4	-2.8	-1.3	-5.5	-8.3	-6.1	-4.6	-3.2	-3.8	-5.5	-4.6	-1.8	-1.4	-3.2	-3.7	-1.8	1.3	1.3	-1.6	-4.5	-6.2	-5.2	-2.8	0

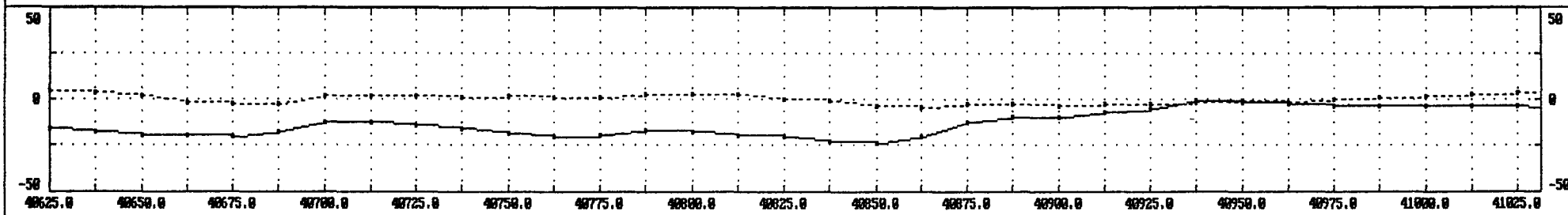


12.5	.7	-1.5	0.0	-0.3	0.5	0.7	1.2	2.6	3.2	2.6	0.2	-1.1	-0.7	-0.7	-3.3	-2.2	-2.0	-1.7	-1.1	-1.9	-1.8	-1.3	-0.4	-1.1	-1.1	-1.0	-0.2	0.5	-0.3	-1.1	-1.8	-2.2	-1.1	12.5
25.0	.3	-1.7	-0.9	1.2	0.6	1.0	2.4	4.0	4.6	2.7	1.1	-0.6	-1.5	-3.0	-2.6	-4.9	-3.9	-2.7	-3.2	-3.3	-3.3	-2.2	-2.1	-1.5	-2.3	-1.8	-0.9	-0.4	-0.6	-1.9	-2.3	-2.2	-2.3	25.0
37.5	.7	-1.4	-0.8	-1.0	1.5	2.5	4.0	4.2	2.9	2.9	2.3	0.6	-3.6	-3.8	-4.7	-3.4	-5.0	-5.0	-4.5	-4.2	-3.0	-4.0	-4.0	-3.9	-2.1	-1.9	-1.6	-1.1	-1.4	-2.0	-3.1	-4.0	-2.5	37.5
50.0	.1	0.9	-1.4	-0.7	1.2	3.8	4.4	3.8	3.2	2.8	2.0	-0.8	-1.9	-5.0	-5.2	-5.5	-5.0	-6.4	-5.4	-4.2	-5.1	-4.6	-5.4	-3.9	-2.2	-1.6	-2.3	-3.2	-4.1	-3.9	-3.6	-2.3	0.8	50.0
62.5	.4	-0.3	1.0	0.6	2.6	3.4	3.8	3.2	3.4	2.7	0.1	0.2	-2.1	-3.1	-6.0	-6.7	-7.3	-6.5	-7.1	-6.6	-5.1	-4.6	-3.1	-3.2	-3.3	-4.0	-4.4	-5.2	-5.1	-4.7	-2.6	0.9	0.6	62.5
75.0	.2	0.5	1.5	3.8	2.6	2.5	2.7	3.9	2.9	0.8	1.2	-1.0	-0.8	-2.9	-4.7	-7.8	-8.4	-7.7	-6.8	-7.3	-6.8	-4.6	-4.3	-3.0	-4.8	-4.9	-5.4	-5.2	-5.6	-4.4	-0.6	0.1	0.5	75.0

BIRK CREEK. VLF DATA,

LINE 23200N. 24.0 KHZ.

Q%	4.8	3.7	1.6	-1.6	-2.7	-2.3	1.5	1.7	1.7	0.9	1.8	0.9	1.3	3.2	3.0	2.7	0.3	-0.5	-3.2	-4.7	-2.1	-2.2	-3.4	-2.7	-2.1	-1.5	-1.0	-2.0	-0.3	0.8	1.7	2.8	3.6	5.1
I%	-15.9	-17.7	-19.2	-19.6	-20.1	-17.8	-12.1	-11.9	-13.6	-15.5	-18.0	-19.8	-19.0	-17.0	-17.8	-19.1	-20.4	-22.4	-23.7	-19.8	-12.5	-9.8	-9.2	-6.5	-4.8	-0.7	-1.9	-2.3	-3.4	-3.4	-3.5	-3.2	-3.3	-6.2
FRFLT	-6.2	-5.2	-2.8	0.9	9.8	13.9	4.4	-5.1	-8.0	-8.7	-5.3	1.8	4.0	-0.9	-4.7	-5.9	-6.6	-0.7	13.8	21.2	13.3	6.6	7.7	10.2	8.7	1.3	-3.1	-2.6	-1.2	0.1	0.4	-2.8	-5.7	-6

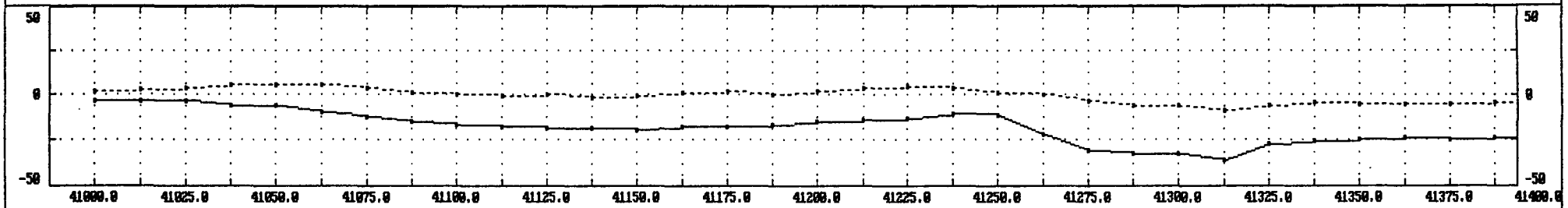


12.5	8	-2.2	-1.1	-0.1	1.2	4.6	3.3	-0.8	-1.9	-2.7	-2.6	-0.9	1.2	0.4	-1.4	-1.6	-1.8	-1.3	1.9	6.7	6.4	3.0	3.3	3.0	3.6	2.0	-0.7	-0.5	-0.8	-0.1	-0.3	0.0	-2.2	12.5
25.0	3	-2.2	-2.3	-0.3	3.5	3.7	3.3	1.4	-3.2	-4.4	-2.7	-0.9	-0.7	0.0	-0.3	-2.4	-2.8	0.5	5.4	8.0	8.8	7.9	4.8	6.0	5.6	3.7	1.4	-1.3	-0.7	-0.5	-0.5	-2.5	-2.4	25.0
37.5	1	-4.0	-2.5	1.7	3.2	3.2	2.0	0.5	-2.0	-4.7	-3.1	-1.4	-0.3	0.2	-0.4	-2.2	-0.9	3.4	5.7	6.8	9.7	11.2	11.1	6.3	4.3	3.7	2.5	1.7	-1.1	-1.0	-2.6	-1.5	-4.0	37.5
50.0	6	-2.3	0.8	1.3	0.7	0.4	-0.1	-0.4	1.2	1.2	-2.4	-3.2	-3.1	-2.6	-1.6	1.4	4.8	4.6	4.8	6.9	8.9	12.3	12.6	9.9	4.8	2.9	2.2	1.4	1.1	-2.4	-1.4	-3.4	-4.7	50.0
62.5	6	0.9	0.6	-0.9	-1.2	-1.1	-0.6	0.9	2.7	2.5	0.5	-3.7	-5.2	-5.3	-2.2	3.3	6.5	6.6	6.7	8.0	10.3	9.4	10.1	10.4	8.3	4.5	3.4	2.9	-0.2	-0.8	-4.7	-4.7	-5.5	62.5
75.0	6	0.1	0.5	-0.4	-1.9	-2.0	-0.8	1.6	1.5	1.0	0.5	-2.1	-6.1	-4.3	0.9	3.1	4.8	7.1	7.8	8.9	8.5	9.1	9.0	10.0	10.2	8.6	4.7	1.8	1.9	-1.6	-3.8	-7.5	-7.5	75.0

BIRK CREEK. VLF DATA,

LINE 23200N. 24.0 KHZ.

Q%	1.7	2.8	3.6	5.1	5.7	5.2	3.3	0.7	0.3	-0.5	-0.3	-1.3	-0.5	1.3	1.6	0.2	1.6	3.3	4.3	3.5	1.2	-0.3	-3.4	-5.9	-6.4	-8.5	-6.2	-4.6	-5.3	-5.0	-5.1	-4.2	-3.8
I%	-3.5	-3.2	-3.3	-6.2	-6.0	-10.0	-12.2	-14.7	-17.0	-17.8	-18.0	-18.5	-18.9	-17.1	-17.8	-16.8	-15.2	-14.2	-13.4	-10.3	-11.6	-22.0	-30.7	-32.4	-32.7	-36.1	-27.6	-25.2	-24.5	-24.0	-24.2	-24.0	-24.9
FRFLT		-2.8	-5.7	-6.5	-10.0	-10.9	-9.5	-7.9	-4.1	-1.7	-1.6	0.5	2.5	1.4	2.9	5.2	4.4	5.7	5.7	-9.9	-30.8	-29.5	-12.4	-5.7	1.4	16.0	14.0	4.3	1.5	0.3	-0.7	-1.8	-2

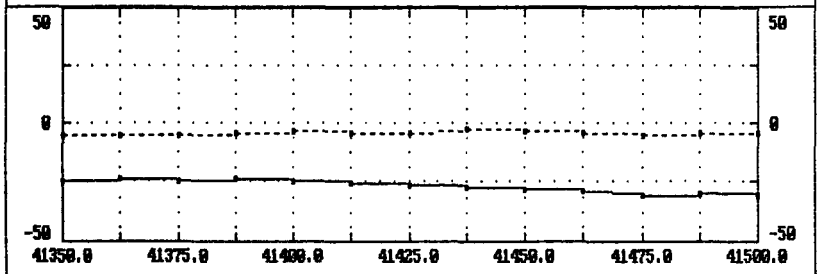


12.5	-0.3	0.0	-2.2	-2.0	-2.8	-4.4	-3.2	-3.5	-2.3	-1.0	-0.5	-0.6	0.9	0.8	0.4	1.8	1.9	1.3	1.4	-0.1	-7.4	-11.4	-7.2	-1.9	-2.6	3.1	6.5	1.9	1.7	0.4	0.0	-0.5	12.5
25.0	-0.5	-2.4	-2.2	-4.6	-5.7	-5.5	-6.9	-5.1	-4.0	-2.8	-1.7	0.1	-0.1	1.2	2.4	0.7	0.7	2.5	1.4	-5.4	-9.7	-12.0	-11.9	-8.0	1.4	2.8	2.9	6.0	1.9	0.6	0.2	0.3	25.0
37.5	-2.1	-2.1	-4.4	-5.5	-6.9	-8.2	-6.9	-7.1	-5.0	-4.1	-1.5	-1.0	-1.0	-1.2	-0.2	1.2	2.4	3.2	-2.9	-8.2	-10.2	-10.9	-14.6	-9.1	-2.0	3.2	4.2	3.5	4.7	-0.7	-1.0	-1.3	37.5
50.0	-1.5	-3.8	-5.3	-6.8	-7.7	-8.3	-8.3	-6.7	-7.3	-5.2	-5.3	-3.9	-1.6	-0.6	1.2	3.7	3.1	-3.1	-7.9	-9.3	-10.3	-12.6	-8.4	-8.8	-7.6	-1.7	3.1	4.4	3.8	4.9	-1.0	-3.4	50.0
62.5	-3.2	-4.5	-6.0	-7.5	-7.8	-7.9	-9.6	-10.7	-8.3	-9.0	-6.5	-3.0	-0.3	1.4	3.7	3.0	-3.2	-8.2	-10.1	-10.0	-12.2	-8.3	-7.2	-7.1	-8.4	-7.7	-1.6	2.9	3.6	3.4	4.5	-1.5	62.5
75.0	-3.8	-5.2	-6.8	-8.6	-9.9	-10.6	-10.7	-10.5	-9.9	-6.8	-5.5	-2.5	-0.9	2.4	2.4	-3.4	-8.3	-9.4	-9.5	-12.7	-7.8	-6.7	-7.2	-7.1	-7.4	-8.7	-8.2	-2.4	2.0	2.4	2.2	3.8	75.0

BIRK CREEK. VLF DATA,

LINE 23200N. 24.0 KHZ.

Q%	-5.3	-5.0	-5.1	-4.2	-3.8	-4.2	-3.9	-2.6	-3.6	-4.6	-5.1	-4.2	-4.4
I%	-24.5	-24.0	-24.2	-24.0	-24.9	-25.1	-26.1	-27.2	-28.1	-28.6	-30.6	-29.9	-30.4
FRFLT	1.5	0.3	-0.7	-1.8	-2.3	-3.3	-4.1	-3.4	-3.9	-3.8	-1.1		



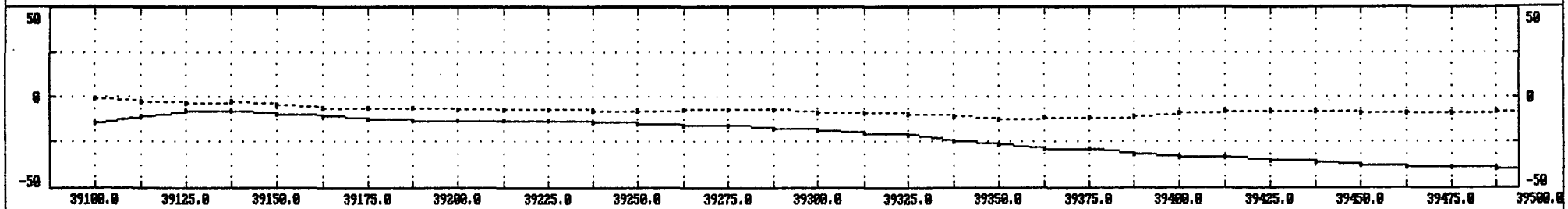
12.5	.7	0.4	0.0	-0.5	-0.8	-0.9	-1.5	-1.5	-1.0	-1.7	-1.0	-0.1	-0
25.0	.9	0.6	0.2	0.3	-1.2	-2.0	-2.0	-2.3	-2.9	-1.9	-1.7	-1.7	-0
37.5	.7	-0.7	-1.0	-1.3	-1.4	-1.7	-1.8	-3.2	-3.0	-2.0	-2.5	-2.2	-2
50.0	.8	4.9	-1.0	-3.4	-4.2	-3.9	-3.6	-3.0	-2.7	-2.4	-3.0	-2.8	-2
62.5	.6	3.4	4.5	-1.5	-3.8	-5.5	-5.7	-6.0	-4.7	-3.4	-3.3	-2.9	-2
75.0	.0	2.4	2.2	3.8	-2.1	-3.8	-5.2	-5.9	-6.1	-6.9	-6.0	-4.9	-3

12.5	12.5
25.0	25.0
37.5	37.5
50.0	50.0
62.5	62.5
75.0	75.0

BIRK CREEK. VLF DATA,

LINE 23400N. 24.0 KHZ.

QX	-1.2	-2.5	-3.5	-2.9	-4.5	-5.7	-6.1	-6.0	-7.0	-7.3	-7.2	-7.5	-7.5	-6.6	-6.9	-7.3	-8.3	-8.5	-9.6	-10.7	-11.8	-11.7	-11.7	-10.8	-8.6	-7.7	-8.1	-7.5	-8.6	-9.0	-8.8	-8.1	-9.9
IX	-13.8	-10.8	-7.8	-7.4	-9.5	-10.4	-11.8	-13.1	-13.0	-13.2	-13.5	-14.0	-14.6	-15.6	-16.0	-17.8	-18.4	-20.0	-21.0	-24.7	-25.9	-29.3	-29.4	-31.5	-33.1	-33.7	-34.9	-36.0	-38.2	-38.9	-39.1	-39.3	-42.1
FRFLT		9.4	1.7	-4.7	-5.3	-5.0	-3.9	-1.3	-0.6	-1.3	-1.9	-2.7	-3.0	-3.6	-4.6	-4.6	-4.8	-7.3	-9.6	-9.5	-8.1	-5.7	-5.9	-5.9	-4.0	-4.1	-5.6	-6.2	-3.8	-1.3	-3.4	-3.5	7

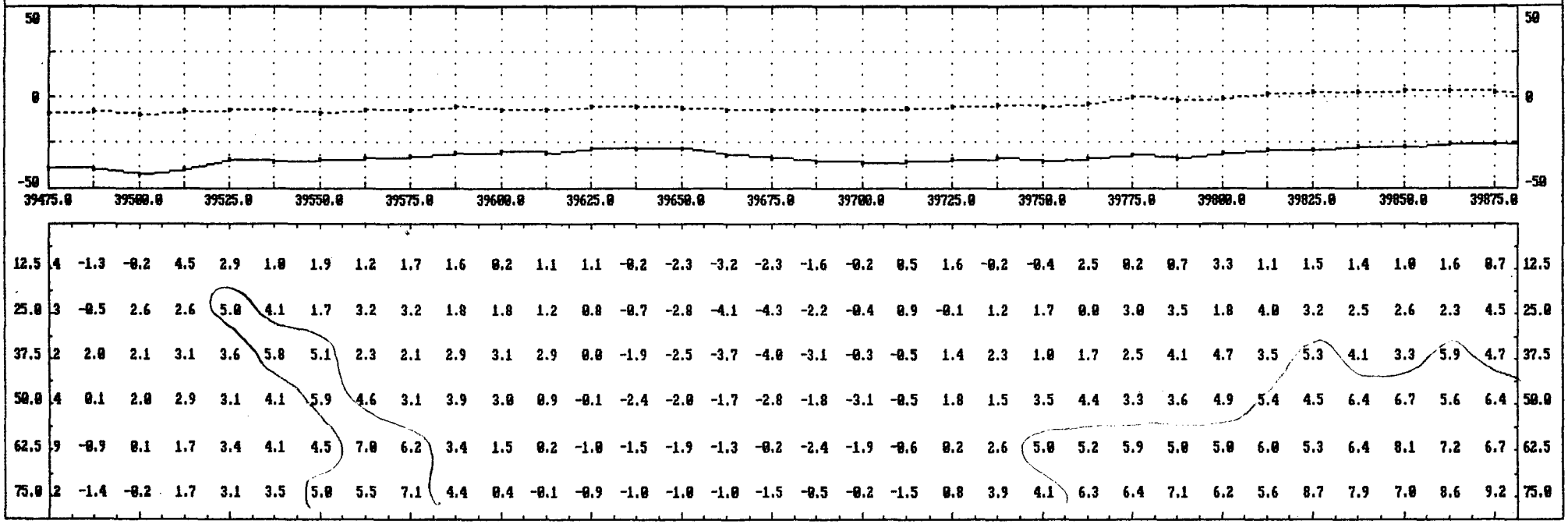


12.5	3.2	3.3	2.3	-0.8	-1.7	-1.5	-1.9	-0.9	-0.3	-0.5	-0.6	-0.8	-1.2	-1.1	-1.6	-1.7	-1.9	-2.1	-3.4	-3.3	-3.3	-2.8	-1.7	-2.7	-1.6	-1.6	-1.7	-2.2	-2.0	-1.0	-0.4	-1.3	12.5
25.0	2.6	4.3	1.9	-0.2	-2.3	-2.8	-1.7	-1.7	-1.5	-1.3	-1.6	-2.0	-2.0	-2.9	-3.0	-3.5	-3.8	-4.8	-5.3	-6.3	-5.8	-4.9	-5.2	-3.7	-4.2	-3.4	-3.9	-3.5	-2.3	-1.8	-2.3	-0.5	25.0
37.5	0.9	1.3	2.3	0.1	-2.3	-3.8	-3.9	-2.4	-1.9	-1.7	-2.3	-3.0	-4.3	-4.1	-4.8	-4.8	-6.3	-6.8	-7.7	-7.6	-7.9	-8.2	-6.3	-6.6	-4.9	-5.7	-4.7	-4.1	-3.7	-4.5	-2.2	2.0	37.5
50.0	-2.3	-1.4	-0.6	0.1	-1.2	-3.0	-4.8	-5.5	-4.3	-4.2	-3.2	-3.2	-4.0	-5.0	-5.9	-7.8	-8.1	-9.4	-9.0	-9.1	-9.8	-9.0	-8.6	-7.2	-7.5	-6.0	-6.3	-5.1	-5.8	-4.3	-0.4	0.1	50.0
62.5	-5.0	-4.3	-3.6	-2.0	-1.0	-2.5	-4.6	-6.5	-7.3	-6.2	-6.3	-5.3	-5.1	-5.6	-7.4	-8.2	-10.1	-10.5	-10.7	-10.6	-9.9	-10.0	-9.4	-10.2	-8.6	-8.1	-6.4	-7.0	-5.3	-1.7	-1.9	-0.9	62.5
75.0	-8.0	-7.5	-6.0	-4.8	-3.4	-2.2	-4.0	-6.0	-7.8	-8.9	-8.1	-8.4	-7.7	-8.5	-9.0	-10.3	-9.3	-10.0	-10.8	-10.9	-11.4	-11.0	-12.0	-11.4	-10.7	-8.7	-9.7	-7.0	-4.2	-3.5	-2.2	-1.4	75.0

BIRK CREEK. VLF DATA,

LINE 23400N. 24.0 KHZ.

Q%	-8.8	-8.1	-9.9	-7.7	-6.6	-6.8	-8.4	-6.7	-6.5	-5.3	-7.1	-7.2	-5.4	-5.5	-6.3	-6.7	-7.2	-7.1	-6.5	-5.7	-5.3	-4.0	-4.8	-3.6	0.1	-1.8	-1.1	1.6	2.9	3.2	3.5	3.6	2.7	3.2
I%	-39.1	-39.3	-42.1	-39.8	-34.5	-35.0	-33.9	-33.0	-32.1	-30.4	-30.0	-30.5	-28.5	-28.1	-28.4	-31.0	-33.6	-35.4	-35.8	-35.6	-34.4	-33.0	-35.3	-33.8	-31.6	-33.7	-31.0	-28.8	-29.2	-27.2	-27.3	-25.8	-25.7	-25.0
FRFLT	-3.4	-3.5	7.1	12.4	5.4	2.6	3.0	4.4	4.7	2.0	1.4	3.9	2.5	-3.6	-8.9	-8.8	-5.8	-2.4	1.2	4.0	1.7	-1.7	2.9	3.8	0.7	5.5	6.7	3.4	3.5	3.3	3.0	2.4	5.4	0

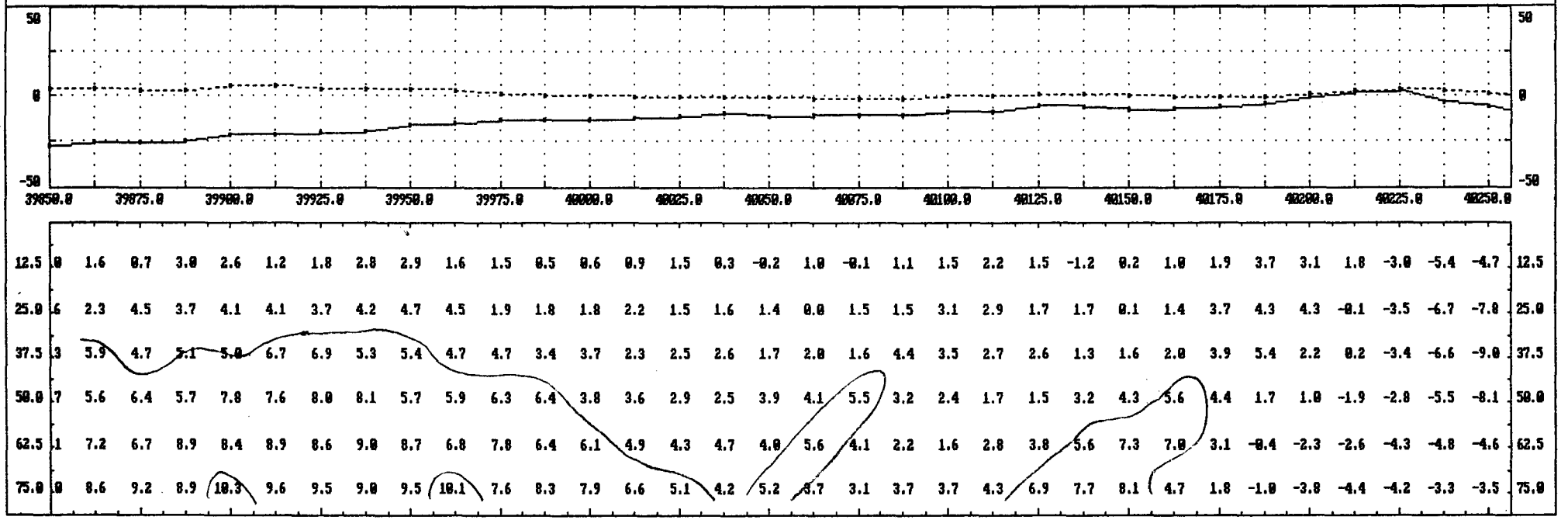


12.5	4	-1.3	-0.2	4.5	2.9	1.0	1.9	1.2	1.7	1.6	0.2	1.1	1.1	-0.2	-2.3	-3.2	-2.3	-1.6	-0.2	0.5	1.6	-0.2	-0.4	2.5	0.2	0.7	3.3	1.1	1.5	1.4	1.0	1.6	0.7	12.5
25.0	3	-0.5	2.6	2.6	5.0	4.1	1.7	3.2	3.2	1.8	1.8	1.2	0.0	-0.7	-2.0	-4.1	-4.3	-2.2	-0.4	0.9	-0.1	1.2	1.7	0.0	3.0	3.5	1.8	4.0	3.2	2.5	2.6	2.3	4.5	25.0
37.5	2	2.0	2.1	3.1	3.6	5.0	5.1	2.3	2.1	2.9	3.1	2.9	0.0	-1.9	-2.5	-3.7	-4.0	-3.1	-0.3	-0.5	1.4	2.3	1.0	1.7	2.5	4.1	4.7	3.5	5.3	4.1	3.3	5.9	4.7	37.5
50.0	4	0.1	2.0	2.9	3.1	4.1	5.9	4.6	3.1	3.9	3.0	0.9	-0.1	-2.4	-2.0	-1.7	-2.8	-1.8	-3.1	-0.5	1.8	1.5	3.5	4.4	3.3	3.6	4.9	5.4	4.5	6.4	6.7	5.6	6.4	50.0
62.5	9	-0.9	0.1	1.7	3.4	4.1	4.5	7.0	6.2	3.4	1.5	0.2	-1.0	-1.5	-1.9	-1.3	-0.2	-2.4	-1.9	-0.6	0.2	2.6	5.0	5.2	5.9	5.0	5.0	6.0	5.3	6.4	8.1	7.2	6.7	62.5
75.0	2	-1.4	-0.2	1.7	3.1	3.5	5.0	5.5	7.1	4.4	0.4	-0.1	-0.9	-1.0	-1.0	-1.0	-1.5	-0.5	-0.2	-1.5	0.8	3.9	4.1	6.3	6.4	7.1	6.2	5.6	8.7	7.9	7.0	8.6	9.2	75.0

BIRK CREEK. VLF DATA,

LINE 23400N. 24.0 KHZ.

Q%	3.5	3.6	2.7	3.2	5.5	5.3	3.8	4.0	3.5	2.6	1.1	0.4	0.0	-0.5	-0.5	-0.6	-1.2	-1.4	-2.0	-1.4	0.1	0.1	1.4	0.7	-0.3	-0.5	-1.0	-0.4	1.1	3.0	4.0	2.7	0.6	1.2
I%	-27.3	-25.0	-25.7	-25.0	-21.1	-21.0	-28.1	-19.1	-15.8	-14.7	-13.5	-12.9	-13.2	-12.5	-11.6	-10.0	-11.4	-10.5	-10.2	-10.8	-9.1	-8.4	-5.2	-6.3	-7.6	-6.8	-6.4	-4.2	-0.7	1.6	2.6	-3.3	-6.3	-10.3
FRFLT	3.0	2.4	5.4	8.6	5.0	2.9	6.2	8.7	6.7	4.1	2.1	0.7	2.0	4.1	2.7	-0.3	0.7	0.9	0.8	3.5	6.3	6.0	-0.3	-2.9	0.7	3.8	8.3	11.5	9.1	-1.6	-13.8	-15.9	-12.5	-9



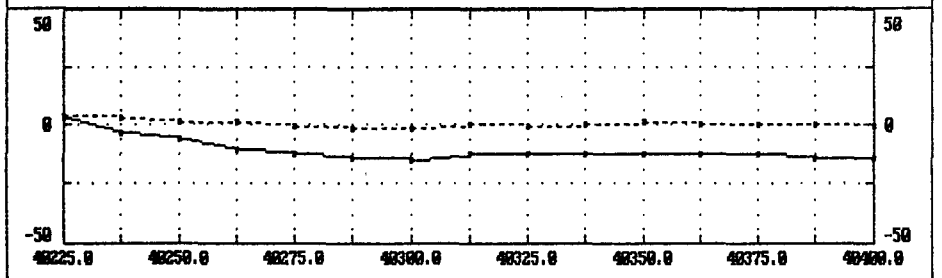
12.5	0	1.6	0.7	3.0	2.6	1.2	1.8	2.8	2.9	1.6	1.5	0.5	0.6	0.9	1.5	0.3	-0.2	1.0	-0.1	1.1	1.5	2.2	1.5	-1.2	0.2	1.0	1.9	3.7	3.1	1.8	-3.0	-5.4	-4.7	12.5
25.0	6	2.3	4.5	3.7	4.1	4.1	3.7	4.2	4.7	4.5	1.9	1.8	1.8	2.2	1.5	1.6	1.4	0.0	1.5	1.5	3.1	2.9	1.7	1.7	0.1	1.4	3.7	4.3	4.3	-0.1	-3.5	-6.7	-7.0	25.0
37.5	3	5.9	4.7	5.1	5.0	6.7	6.9	5.3	5.4	4.7	4.7	3.4	3.7	2.3	2.5	2.6	1.7	2.0	1.6	4.4	3.5	2.7	2.6	1.3	1.6	2.0	3.9	5.4	2.2	0.2	-3.4	-6.6	-9.0	37.5
50.0	7	5.6	6.4	5.7	7.8	7.6	8.0	8.1	5.7	5.9	6.3	6.4	3.8	3.6	2.9	2.5	3.9	4.1	5.5	3.2	2.4	1.7	1.5	3.2	4.3	5.6	4.4	1.7	1.0	-1.9	-2.8	-5.5	-8.1	50.0
62.5	1	7.2	6.7	8.9	8.4	8.9	8.6	9.0	8.7	6.8	7.8	6.4	6.1	4.9	4.3	4.7	4.0	5.6	4.1	2.2	1.6	2.8	3.8	5.6	7.3	7.0	3.1	-0.4	-2.3	-2.6	-4.3	-4.8	-4.6	62.5
75.0	0	8.6	9.2	8.9	10.3	9.6	9.5	9.0	9.5	10.1	7.6	8.3	7.9	6.6	5.1	4.2	5.2	6.7	3.1	3.7	3.7	4.3	6.9	7.7	8.1	4.7	1.8	-1.0	-3.8	-4.4	-4.2	-3.3	-3.5	75.0

deep conductor?

BIRK CREEK. VLF DATA,

LINE 23400N. 24.0 KHZ.

Q%	4.0	2.7	0.6	1.2	-0.5	-1.4	-1.4	-0.1	-0.4	0.0	0.9	0.4	0.4	0.0	-0.4
I%	2.6	-3.3	-6.3	-10.3	-11.8	-13.9	-14.7	-12.2	-12.1	-11.8	-11.8	-12.3	-12.4	-14.4	-14.1
FRFLT	-13.8	-15.9	-12.5	-9.1	-6.5	-1.2	4.3	3.0	0.7	-0.2	-1.1	-2.7	-3.8		

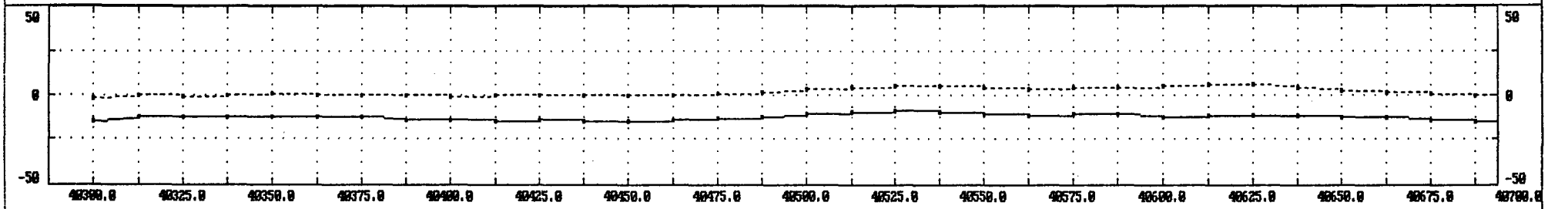


12.5	0	-5.4	-4.7	-4.2	-2.4	-2.1	0.8	1.3	0.2	0.4	-0.5	-0.4	-1.3	-1.2	-0	12.5
25.0	5	-6.7	-7.8	-5.9	-5.0	-2.0	-1.4	0.2	0.9	-0.5	-0.5	-1.5	-1.3	-1.5	-1	25.0
37.5	4	-6.6	-9.0	-9.7	-5.1	-3.2	-1.0	-0.8	-0.4	-0.4	-2.4	-2.1	-2.3	-2.3	-2	37.5
50.0	8	-5.5	-8.1	-8.1	-8.9	-5.1	-3.2	-1.2	-0.4	-0.9	-0.9	-3.1	-3.6	-3.7	-3	50.0
62.5	3	-4.8	-4.6	-6.5	-7.7	-8.5	-5.5	-4.1	-2.7	-1.4	-0.6	-0.8	-3.0	-3.9	-4	62.5
75.0	2	-3.3	-3.5	-4.7	-6.3	-8.1	-8.8	-6.6	-4.9	-2.9	-2.5	-1.4	-1.1	-3.2	-3	75.0

BIRK CREEK. VLF DATA,

LINE 23400N. 24.0 KHZ.

%%	-1.4	-0.1	-0.4	0.0	0.9	0.4	0.4	0.0	-0.4	-0.1	0.2	0.1	-0.1	0.4	1.2	2.1	3.4	4.1	5.2	5.4	4.8	4.0	4.3	4.8	5.5	5.9	6.0	4.8	2.4	1.5	0.8	0.2	0.1
I%	-14.7	-12.2	-12.1	-11.8	-11.8	-12.3	-12.4	-14.4	-14.1	-14.7	-14.2	-14.6	-14.5	-14.2	-13.1	-12.3	-10.8	-9.3	-8.8	-9.8	-10.1	-11.3	-10.7	-10.8	-12.0	-11.6	-11.5	-11.6	-12.4	-12.2	-13.6	-14.5	-15.7
FRFLT		3.0	0.7	-0.2	-1.1	-2.7	-3.8	-2.0	-0.4	0.0	-0.2	0.1	1.0	3.3	4.2	5.3	5.0	1.5	-1.0	-2.0	-2.1	-0.1	-0.0	-2.1	-0.3	0.5	-0.9	-1.5	-1.0	-3.5	-4.4	-2.6	0

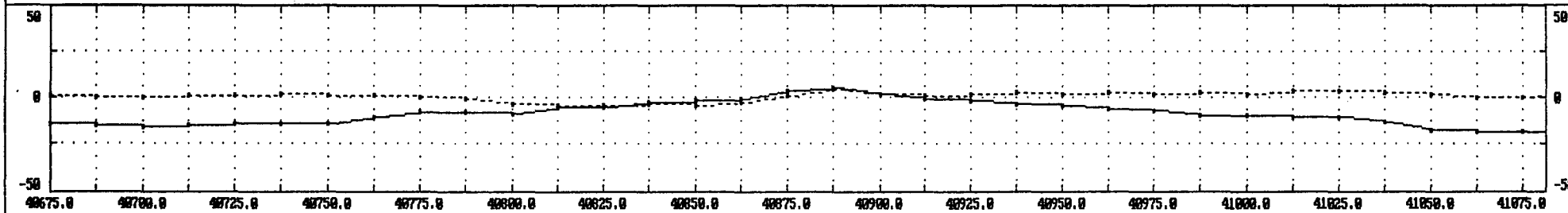


12.5	2.2	1.5	0.4	0.4	-0.5	-0.4	-1.3	-1.1	-0.3	-0.3	0.1	-0.1	0.4	1.0	1.4	1.6	1.9	1.3	-0.2	-0.6	-0.9	-0.6	0.2	-0.9	-0.4	0.2	-0.1	-0.6	-0.5	-0.9	-1.4	-1.2	12.5
25.0	1.1	1.9	1.3	-0.3	-0.2	-1.2	-1.1	-1.4	-1.0	-0.1	-0.1	0.5	0.8	1.4	2.2	2.8	2.5	1.6	0.5	-0.9	-0.8	-0.4	-1.1	-0.4	-0.8	-0.9	-0.6	-0.5	-1.3	-1.8	-1.9	-1.3	25.0
37.5	0.1	1.1	1.5	0.8	-1.6	-1.3	-1.5	-0.8	-0.5	-0.5	0.3	0.6	1.2	1.7	2.9	3.0	2.5	1.7	0.7	0.1	-0.7	-1.7	-0.9	-0.9	-0.2	-1.0	-1.0	-1.2	-1.5	-1.9	-1.4	-0.9	37.5
50.0	-0.8	-0.2	0.7	0.4	0.1	-1.5	-1.2	-1.7	-1.5	-1.0	-0.2	1.6	2.0	3.0	3.0	2.5	2.3	1.5	1.1	0.7	-1.0	-1.4	-1.5	-0.8	-0.9	0.2	-0.7	-1.4	-1.6	-1.5	-1.5	-0.9	50.0
62.5	-1.8	-0.9	-1.1	-0.1	0.2	-0.2	-2.0	-2.0	-2.0	-1.4	-0.4	0.9	3.0	3.1	3.2	2.4	1.6	1.6	1.5	0.2	0.2	-0.6	-0.8	-1.3	-0.6	-1.2	-0.7	-1.8	-1.2	-0.3	-0.4	-0.2	62.5
75.0	-2.5	-2.9	-2.1	-1.8	-0.7	-0.2	-1.0	-2.1	-1.4	-1.0	-0.3	0.9	1.4	2.2	1.8	1.7	2.0	2.3	1.6	1.6	1.5	0.8	-0.5	-0.9	-2.0	-1.6	-2.2	-0.9	-0.4	-0.1	0.4	1.4	75.0

BIRK CREEK. VLF DATA,

LINE 23400N. 24.0 KHZ.

%:	0.8	0.2	0.1	1.0	1.3	1.5	0.7	0.8	0.1	-0.9	-3.1	-4.1	-4.7	-3.5	-4.4	-2.7	1.0	4.1	1.8	1.4	2.0	2.5	2.1	2.5	2.2	2.8	2.1	3.5	3.3	2.8	1.7	0.1	0.5	2.8
I%:	-13.6	-14.5	-15.7	-15.8	-14.4	-14.2	-13.9	-10.7	-7.5	-7.8	-8.3	-5.3	-5.6	-2.1	-2.0	-0.6	3.5	5.3	1.8	-1.2	-1.8	-3.6	-4.6	-6.4	-7.2	-9.3	-9.8	-10.8	-10.8	-12.7	-17.1	-18.2	-18.7	-16.8
FRFLT	-4.4	-2.6	0.8	2.1	1.3	4.0	9.9	9.3	2.1	1.7	5.2	5.9	6.8	5.1	7.0	11.4	4.2	-8.2	-10.1	-6.0	-5.2	-5.6	-5.4	-5.5	-5.5	-4.1	-2.5	-2.9	-8.2	-11.8	-7.1	-0.2	4.0	4

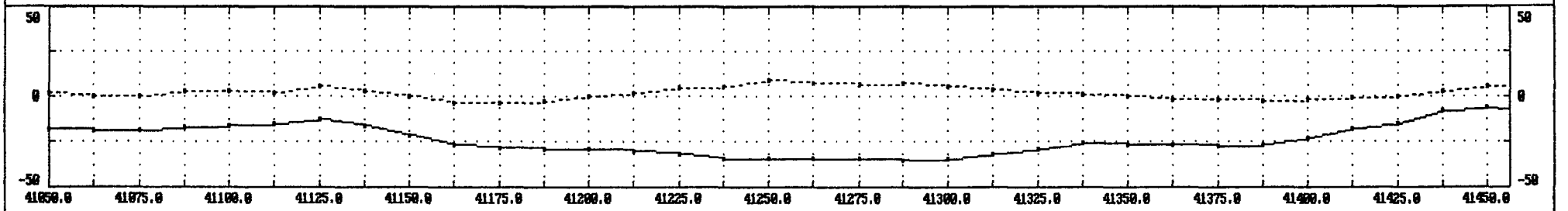


12.5	.4	-1.2	-0.4	0.7	0.7	0.9	2.3	3.8	2.2	0.1	2.2	1.7	2.2	2.9	1.4	3.4	3.2	-0.9	-3.6	-2.3	-2.2	-2.2	-2.1	-1.9	-2.1	-1.8	-1.3	-1.4	-1.5	-4.0	-3.2	-1.2	0.5	12.5
25.0	.9	-1.3	0.0	0.5	1.1	2.7	4.3	4.3	4.0	3.8	2.2	4.6	4.5	2.8	5.1	4.3	2.3	-0.4	-3.0	-5.4	-3.8	-3.1	-3.8	-4.5	-4.3	-3.7	-3.0	-2.6	-4.6	-4.6	-4.6	-2.7	-0.5	25.0
37.5	.4	-0.9	-0.8	0.3	2.9	5.2	4.7	4.3	6.0	5.4	5.1	3.4	4.3	7.1	6.4	4.6	0.4	-0.1	-1.9	-4.4	-6.9	-5.6	-5.3	-5.1	-4.6	-4.5	-4.6	-6.2	-5.8	-6.5	-5.3	-5.0	-3.9	37.5
50.0	.5	-0.9	-0.2	1.6	4.5	4.8	4.9	5.8	4.9	6.4	6.4	5.4	6.1	7.3	5.7	2.5	2.5	-0.6	-1.7	-3.7	-6.8	-8.5	-6.4	-5.3	-4.4	-5.2	-7.9	-8.4	-9.0	-7.0	-5.7	-4.2	-2.8	50.0
62.5	.4	-0.2	1.7	3.3	2.8	3.2	5.1	5.3	6.8	6.8	7.2	9.3	8.4	4.9	3.2	3.0	0.3	0.3	-2.4	-2.8	-4.5	-6.6	-8.8	-7.6	-7.5	-9.7	-9.7	-9.0	-7.3	-6.6	-5.1	-3.8	-5.3	62.5
75.0	.4	1.4	2.9	2.4	2.1	3.2	3.8	6.4	7.1	7.7	9.6	10.4	7.9	4.3	2.1	1.6	1.5	-1.0	-0.6	-3.7	-4.3	-6.3	-8.9	-11.1	-11.7	-10.7	-10.8	-8.6	-7.2	-5.8	-4.1	-5.3	-8.1	75.0

BIRK CREEK. VLF DATA,

LINE 23400N. 24.0 KHZ.

Q%	1.7	0.1	0.5	2.8	2.7	2.3	5.2	3.1	0.2	-3.0	-3.1	-2.5	-0.1	1.6	4.8	5.5	8.7	7.3	6.7	7.1	5.2	3.9	1.6	0.6	-0.1	-1.6	-1.7	-2.7	-1.8	-0.7	-0.2	2.5	5.6	5.4
I%	-17.1	-18.2	-18.7	-16.8	-16.1	-15.1	-12.5	-15.7	-21.4	-26.1	-27.9	-29.3	-28.9	-30.1	-31.9	-34.1	-34.1	-33.9	-34.2	-35.3	-34.7	-31.9	-28.7	-25.7	-25.9	-26.5	-27.2	-26.4	-22.7	-17.6	-15.2	-7.6	-5.9	-10.4
FRFLT	-7.1	-0.2	4.0	4.3	5.3	3.0	-9.5	-19.3	-16.9	-9.7	-4.2	-1.8	-3.8	-7.0	-6.2	-2.0	0.1	-1.5	-1.9	2.9	9.4	12.2	9.0	2.0	-2.1	-1.2	4.6	13.3	16.3	17.5	19.3	6.5	-11.0	-14

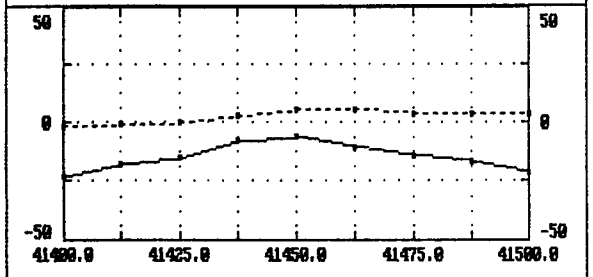


12.5	.2	-1.2	0.5	1.7	0.8	1.7	-1.0	-5.5	-6.4	-4.5	-2.8	-1.4	-1.0	-2.0	-2.4	-1.6	-0.3	-0.3	-0.5	0.2	2.4	3.6	3.9	2.0	0.0	-0.1	0.7	3.1	6.2	5.3	6.3	5.7	-1.5	12.5
25.0	.6	-2.7	-0.5	0.4	2.0	-0.6	-3.6	-6.6	-9.2	-8.5	-4.9	-3.1	-3.7	-4.2	-3.9	-2.4	-1.0	-0.2	-0.2	1.0	3.1	5.7	5.7	4.2	2.1	1.6	3.9	6.1	7.0	10.5	9.2	3.7	0.5	25.0
37.5	.3	-5.0	-3.0	1.3	0.3	-2.8	-6.9	-8.3	-9.3	-9.9	-8.8	-6.4	-4.7	-3.6	-2.9	-4.0	-4.0	-2.4	1.0	3.3	5.5	5.6	6.6	5.9	4.4	3.8	4.6	6.1	10.9	12.1	8.7	4.1	-0.7	37.5
50.0	.7	-4.2	-2.8	-3.6	-4.3	-6.1	-6.7	-8.4	-8.7	-9.6	-11.8	-10.6	-6.9	-4.2	-3.4	-3.8	-3.7	-1.2	1.5	5.4	5.8	5.0	4.3	4.7	5.9	7.2	6.8	9.4	10.3	8.1	6.5	4.8	0.2	50.0
62.5	.1	-3.8	-5.3	-8.2	-9.5	-8.0	-7.7	-6.8	-8.0	-9.4	-11.4	-13.1	-11.2	-7.9	-5.1	-2.9	0.5	2.0	3.2	3.1	3.4	1.8	2.0	4.7	8.4	9.2	11.9	10.9	6.7	4.7	3.7	1.8	-0.6	62.5
75.0	.1	-5.3	-8.1	-10.0	-11.1	-10.9	-7.9	-7.7	-8.5	-10.8	-10.9	-10.9	-12.5	-10.3	-6.6	-2.6	-0.4	1.8	1.5	0.9	0.8	1.9	3.7	6.1	7.2	12.2	13.1	9.2	5.4	2.3	-0.1	-1.8	-3.3	75.0

BIRK CREEK. VLF DATA,

LINE 23400N. 24.0 KHZ.

0%	-1.8	-8.7	-8.2	2.5	5.6	5.4	4.0	3.6	3.5
I%	-22.7	-17.6	-15.2	-7.6	-5.9	-10.4	-14.1	-16.7	-20.7
FMFLT	16.3	17.5	19.3	6.5	-11.0	-14.5	-12.9		

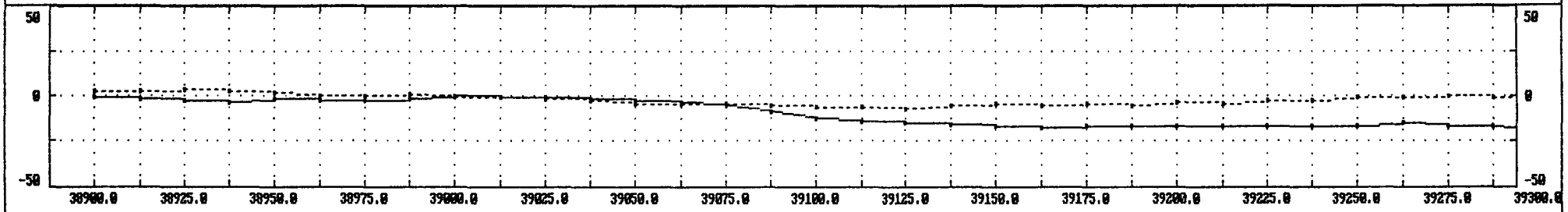


12.5	2	5.3	6.3	5.7	-1.5	-4.6	-4.4	-5.1	-5	12.5
25.0	0	10.5	9.2	3.7	0.5	-5.2	-8.8	-8.4	-8	25.0
37.5	9	12.1	8.7	4.1	-0.7	-4.4	-10.5	-13.2	-12	37.5
50.0	3	8.1	6.5	4.8	0.2	-5.1	-8.9	-15.5	-18	50.0
62.5	7	4.7	3.7	1.8	-0.6	-4.5	-9.4	-12.9	-19	62.5
75.0	4	2.3	-0.1	-1.8	-3.3	-5.4	-9.4	-14.2	-17	75.0

BIRK CREEK. VLF DATA,

LINE 23600N. 24.0 KHZ.

0%	2.5	2.5	3.5	2.6	2.1	0.4	0.0	0.6	-0.8	-1.0	-1.6	-2.5	-3.9	-4.1	-4.1	-5.3	-6.0	-6.0	-6.8	-5.6	-4.3	-5.6	-4.6	-5.5	-3.4	-4.1	-2.3	-2.7	-0.7	-0.5	-0.1	-0.7	-2.3
1%	-1.1	-1.9	-2.4	-3.3	-1.7	-2.4	-2.4	-1.4	0.4	-0.9	-1.2	-2.0	-2.8	-3.6	-5.3	-8.6	-12.6	-14.3	-15.0	-15.9	-16.3	-17.6	-16.7	-16.2	-16.5	-16.5	-16.5	-16.5	-16.2	-15.0	-16.6	-16.8	-19.7
FRFLT		-2.7	-0.7	1.6	0.2	0.3	3.8	3.3	-1.1	-2.7	-2.7	-3.2	-4.1	-7.5	-12.3	-13.0	-8.1	-4.0	-2.9	-3.0	-2.1	1.0	1.6	-0.1	-0.3	0.0	0.3	1.8	1.1	-2.2	-4.9	-8.3	-8

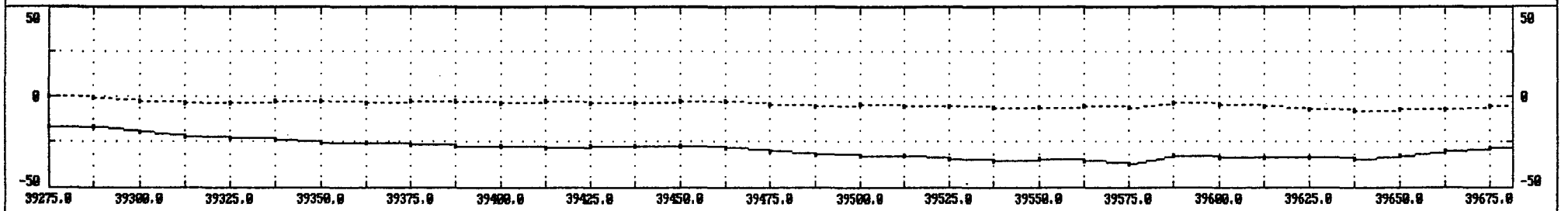


12.5	-0.9	-0.6	-1.0	0.3	0.6	-0.2	0.7	1.5	0.3	-0.9	-0.7	-1.3	-1.4	-2.2	-3.5	-4.7	-3.9	-2.0	-1.6	-1.0	-1.0	-0.4	0.7	0.0	-0.1	0.1	0.1	0.1	0.8	-0.5	-1.4	-2.0	12.5
25.0	-0.6	-1.4	0.0	-0.1	-0.1	0.8	0.9	0.6	0.4	-0.8	-2.7	-2.3	-2.8	-4.4	-6.4	-6.9	-6.2	-4.7	-2.8	-2.7	-1.9	-0.8	-0.4	0.6	-0.1	-0.4	-0.2	0.4	-0.5	-0.6	-2.5	-4.5	25.0
37.5	-0.4	0.0	-1.0	-0.7	0.3	1.4	0.8	-0.8	-1.0	-1.3	-2.0	-3.9	-5.0	-7.1	-7.3	-7.3	-7.5	-7.1	-5.8	-3.1	-1.7	-1.8	-1.5	-1.5	-0.7	-0.7	0.0	-0.8	-0.8	-2.4	-3.6	-4.4	37.5
50.0	0.7	-0.1	-0.7	-0.9	0.1	-0.3	-0.2	-0.1	-1.3	-1.6	-2.5	-4.9	-8.0	-8.1	-8.3	-8.3	-8.1	-8.2	-6.9	-5.0	-3.4	-2.7	-2.4	-2.0	-1.8	-0.3	-1.6	-1.8	-2.7	-4.0	-4.4	-4.3	50.0
62.5	0.3	-0.5	-0.5	0.1	-1.1	-0.7	-0.6	-0.6	-0.5	-2.4	-3.9	-6.2	-7.9	-9.4	-9.0	-9.2	-9.4	-8.7	-8.0	-7.6	-5.7	-3.7	-2.7	-2.3	-1.2	-1.9	-1.5	-3.5	-5.0	-5.2	-5.2	-6.1	62.5
75.0	0.3	0.4	1.0	-0.1	-0.3	-1.1	-1.1	-1.1	-1.8	-3.1	-6.3	-6.8	-7.4	-8.7	-10.3	-10.6	-10.1	-9.6	-9.3	-8.8	-7.5	-5.7	-3.3	-1.7	-2.1	-1.9	-3.5	-4.1	-5.7	-6.2	-7.2	-7.5	75.0

BIRK CREEK. VLF DATA,

LINE 23600N. 24.0 KHZ.

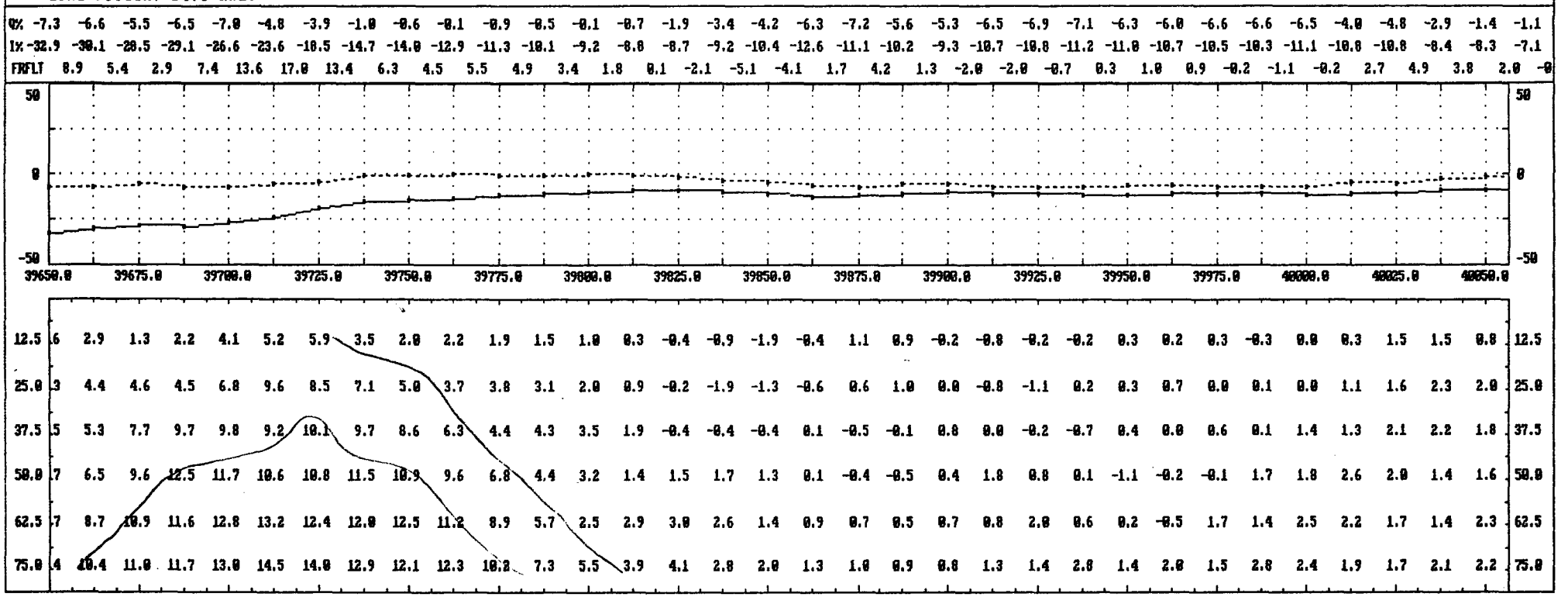
0%	-0.1	-0.7	-2.3	-3.3	-3.5	-2.2	-2.8	-3.2	-2.8	-2.2	-3.3	-2.2	-3.0	-3.3	-2.9	-2.3	-4.3	-5.1	-4.5	-5.1	-5.2	-5.9	-5.7	-5.4	-6.2	-3.2	-4.6	-5.6	-6.5	-7.8	-7.3	-6.6	-5.5	-6.5
IX	-16.6	-16.0	-19.7	-22.0	-23.1	-23.3	-25.3	-25.7	-25.9	-27.6	-26.9	-28.0	-27.4	-27.4	-27.0	-28.2	-30.1	-32.0	-32.3	-32.8	-33.9	-34.9	-34.7	-35.6	-36.5	-32.7	-33.0	-33.2	-33.6	-34.6	-32.9	-30.1	-28.5	-29.1
FRFLT	-4.9	-8.3	-8.6	-4.7	-3.5	-4.6	-3.0	-2.5	-2.9	-1.4	-0.9	0.1	1.0	-0.4	-3.9	-6.9	-6.0	-3.0	-2.4	-3.7	-2.9	-1.5	-2.5	1.1	6.4	3.0	-1.1	-2.0	-0.7	5.2	8.9	5.4	2.9	7



12.5	4	-2.0	-3.4	-2.4	-1.3	-1.6	-1.8	-0.5	-1.5	-0.6	-0.3	-0.4	0.3	-0.1	-0.7	-2.0	-2.4	-1.7	-0.9	-1.2	-1.4	-0.7	-0.2	-1.0	1.7	1.9	-0.3	0.1	-0.5	0.7	2.6	2.9	1.3	12.5
25.0	5	-4.5	-4.1	-4.1	-3.7	-2.8	-2.2	-3.1	-1.4	-1.7	-1.5	-0.6	-0.5	-0.6	-2.0	-3.0	-3.4	-2.9	-2.6	-1.7	-1.6	-2.0	-1.8	1.0	0.9	1.6	2.1	-0.8	0.4	2.8	4.3	4.4	4.6	25.0
37.5	6	-4.4	-5.3	-5.3	-5.5	-3.8	-3.7	-2.9	-3.9	-2.4	-2.2	-1.6	-1.2	-2.6	-3.0	-3.5	-3.3	-4.1	-3.8	-3.0	-2.3	-2.6	0.0	0.5	0.9	0.8	1.1	3.1	2.8	3.8	3.5	5.3	7.7	37.5
50.0	4	-4.3	-5.6	-6.4	-5.9	-7.0	-5.0	-4.2	-3.4	-3.3	-2.1	-2.9	-3.7	-3.4	-3.8	-3.3	-4.1	-5.1	-4.7	-4.3	-3.5	-0.1	0.0	0.3	1.0	1.3	2.0	4.1	5.5	3.1	4.7	6.5	9.6	50.0
62.5	2	-6.1	-6.3	-6.5	-8.2	-6.9	-7.2	-5.2	-4.1	-3.2	-3.4	-3.3	-4.4	-4.6	-4.1	-5.0	-4.8	-4.6	-4.9	-5.3	-2.2	-0.8	0.5	0.6	0.5	1.9	3.8	4.3	4.5	6.2	5.7	8.7	10.9	62.5
75.0	2	-7.5	-7.6	-8.3	-7.5	-8.5	-7.3	-6.7	-4.8	-4.0	-4.6	-5.5	-4.4	-4.4	-4.9	-4.7	-4.8	-4.5	-4.9	-2.5	-2.6	-1.8	-0.8	-0.4	0.8	2.5	4.0	4.2	5.1	7.0	10.4	10.4	11.0	75.0

BIRK CREEK. VLF DATA,

LINE 23600N. 24.0 KHZ.

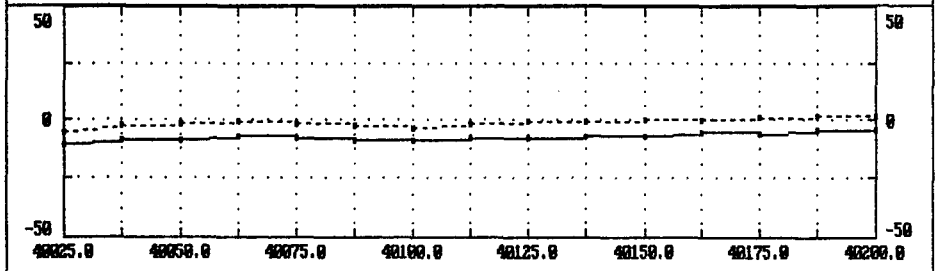


dip conductor

BIRK CREEK. VLF DATA,

LINE 23600N. 24.0 KHZ.

%:	-4.8	-2.9	-1.4	-1.1	-1.7	-2.9	-3.1	-2.0	-1.1	-0.6	-0.2	0.4	1.3	1.5	2.2
I%:	-10.8	-8.4	-8.3	-7.1	-7.6	-8.4	-8.7	-7.5	-7.4	-6.8	-7.1	-5.0	-5.8	-4.3	-4.2
FMFLT	4.9	3.8	2.0	-0.6	-2.4	-0.2	2.2	2.0	1.0	2.1	3.1	2.0	2.3		



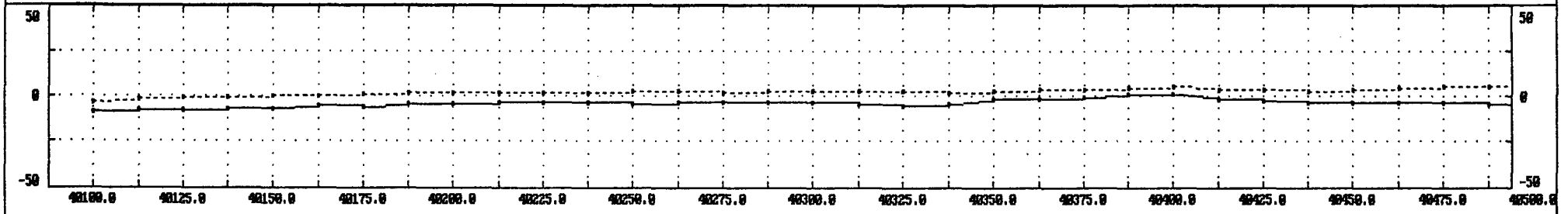
12.5	.5	1.5	0.8	0.6	-0.6	-0.5	0.5	0.7	0.6	0.3	1.2	0.9	0.5	1.2	0
25.0	.6	2.3	2.0	0.2	0.0	0.3	0.6	1.2	1.2	1.5	1.1	1.7	2.0	1.0	1
37.5	.1	2.2	1.8	1.5	0.9	0.8	0.5	0.8	2.5	2.3	2.2	2.1	1.9	2.5	1
50.0	.0	1.4	1.6	2.2	2.4	1.4	1.1	1.6	1.5	2.9	3.2	2.8	3.0	2.6	3
62.5	.7	1.4	2.3	2.5	2.7	2.4	2.4	2.0	2.2	2.5	3.2	3.7	3.3	3.6	3
75.0	.7	2.1	2.2	2.4	2.8	4.0	3.4	2.9	2.8	2.5	3.0	3.8	4.2	3.9	4

12.5 25.0 37.5 50.0 62.5 75.0

BIRK CREEK. VLF DATA,

LINE 23600N. 24.0 KHZ.

0%	-3.1	-2.0	-1.1	-0.6	-0.2	0.4	1.3	1.5	2.2	2.0	2.3	2.3	2.6	2.4	2.3	3.2	2.5	2.6	2.4	1.8	2.7	3.5	3.5	4.9	5.2	3.4	3.3	2.9	4.0	4.9	5.0	5.6	4.9
1%	-0.7	-7.5	-7.4	-6.0	-7.1	-5.0	-5.0	-4.3	-4.2	-3.8	-3.6	-3.4	-4.0	-3.5	-3.6	-3.2	-3.4	-4.1	-5.2	-4.4	-1.8	-1.7	-0.9	1.0	0.6	-1.3	-2.3	-3.7	-3.4	-3.4	-3.0	-4.0	-4.8
FRFLT			2.0	1.0	2.1	3.1	2.0	2.3	2.1	1.1	1.0	0.0	-0.5	0.3	0.7	0.5	-0.7	-2.7	-2.1	3.1	6.1	3.6	3.6	4.2	-0.8	-5.2	-5.3	-3.5	-0.8	0.7	-0.2	-2.4	-3.8	-4

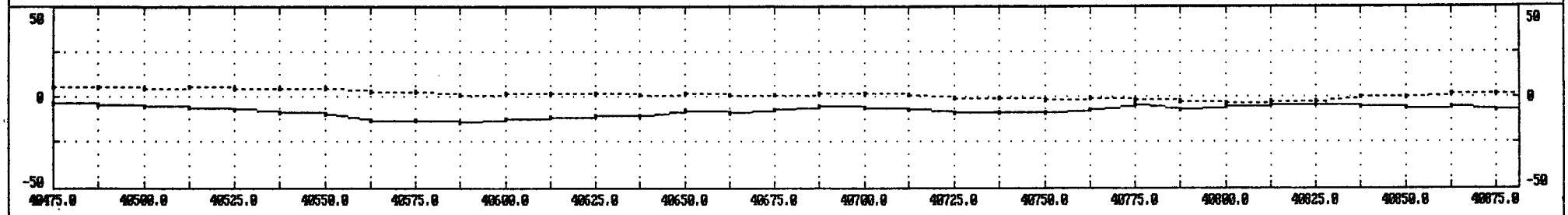


12.5	1.1	0.7	0.8	0.3	1.2	0.9	0.5	1.2	0.3	0.5	0.3	-0.2	0.0	0.2	0.1	0.0	-0.5	-0.8	-0.1	2.0	1.8	0.8	1.7	0.8	-1.4	-1.6	-1.6	-0.9	-0.1	0.0	-0.5	-1.2	12.5
25.0	0.7	1.5	1.0	1.5	1.2	1.8	1.9	0.9	1.4	0.8	0.4	0.2	0.0	0.1	0.7	-0.1	-0.8	-0.3	1.2	1.3	2.3	2.8	1.2	0.3	-0.5	-2.5	-2.4	-1.3	-0.7	-0.9	-1.6	-2.4	25.0
37.5	0.6	0.8	2.5	1.6	1.8	1.8	1.9	2.3	1.2	1.2	0.5	0.9	0.8	0.8	0.1	-0.1	-0.4	0.9	0.6	1.3	2.8	3.4	1.7	-0.4	-1.5	-1.8	-2.7	-2.3	-2.1	-2.0	-1.9	-2.4	37.5
50.0	-0.2	1.4	1.4	2.7	2.4	1.9	1.9	1.8	2.0	1.3	1.9	1.5	1.1	0.3	-0.7	-0.6	1.3	1.0	1.7	2.4	2.1	1.3	1.3	-0.1	-1.4	-1.8	-2.1	-3.7	-3.4	-2.7	-2.4	-2.4	50.0
62.5	0.5	0.4	1.7	2.0	2.0	2.0	2.3	2.0	2.3	2.3	1.1	1.5	0.2	-0.5	-0.2	1.4	1.1	2.0	2.6	2.4	0.7	0.2	-0.6	0.2	-0.3	-1.2	-1.7	-2.3	-4.1	-4.1	-4.0	-4.1	62.5
75.0	-0.7	0.6	1.4	2.1	2.7	3.5	2.8	2.2	1.9	1.6	1.7	0.1	0.1	-0.2	1.3	1.2	1.5	2.5	2.3	0.6	0.2	-0.9	-0.3	0.0	1.1	0.2	-1.5	-2.3	-3.2	-5.1	-5.8	-6.7	75.0

BIRK CREEK. VLF DATA,

LINE 23600N. 24.0 KHZ.

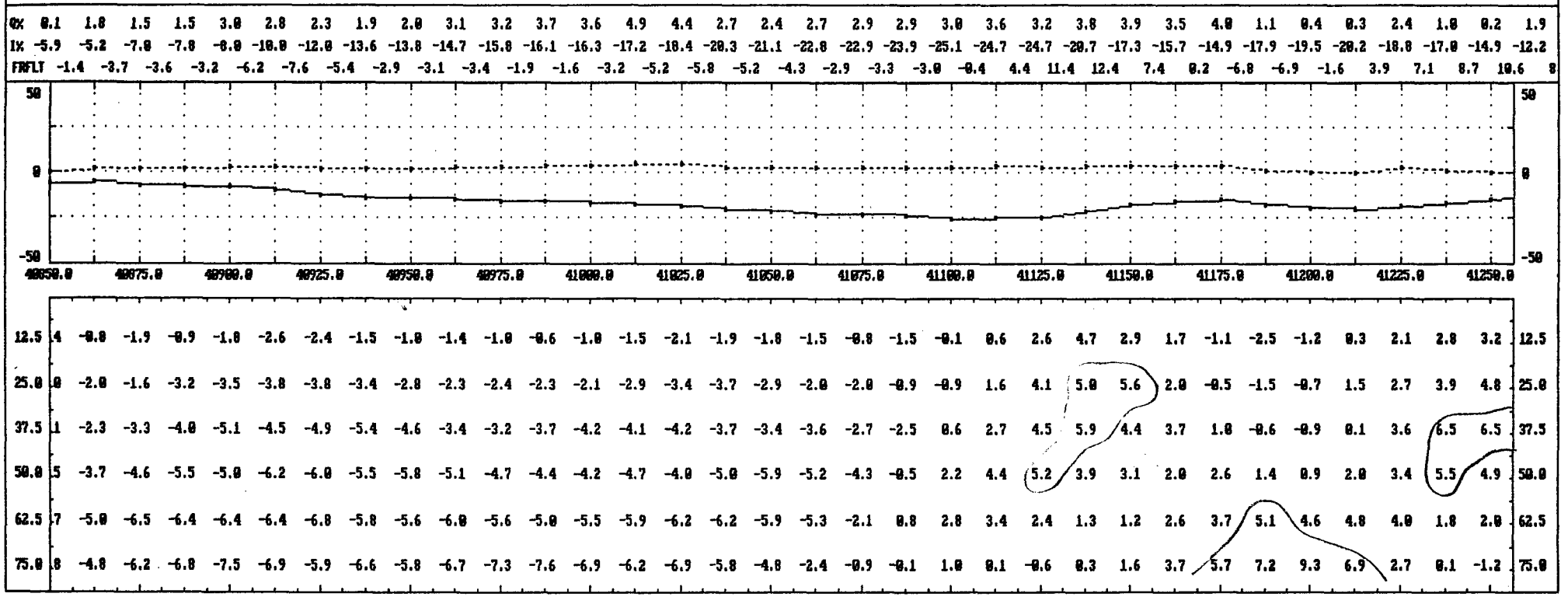
Q%	5.0	5.6	4.9	5.0	4.8	4.3	4.5	3.2	2.9	1.0	1.5	2.1	2.1	1.1	1.9	0.8	1.1	2.2	1.6	1.2	-0.4	-0.7	-1.4	-1.2	-1.3	-2.6	-3.8	-2.7	-2.6	0.0	0.1	1.8	1.5	1.5
I%	-3.0	-4.0	-4.8	-6.0	-6.9	-8.5	-10.0	-13.2	-13.3	-14.0	-12.1	-11.7	-10.8	-10.3	-7.8	-8.7	-6.9	-5.3	-6.2	-7.3	-8.6	-9.1	-8.6	-6.8	-4.5	-6.5	-4.9	-4.3	-4.4	-4.9	-5.9	-5.2	-7.0	-7.8
FRFLT	-2.4	-3.8	-4.1	-4.6	-5.6	-7.8	-8.0	-4.1	0.4	3.5	3.6	2.7	4.4	4.6	2.5	4.3	4.1	-1.3	-4.4	-4.2	-1.8	2.3	6.4	4.4	-0.1	1.8	2.7	-0.1	-2.1	-1.8	-1.4	-3.7	-3.6	-3



12.5	.5	-1.2	-1.4	-1.6	-2.0	-2.2	-3.1	-2.1	-0.7	0.5	1.4	1.1	1.1	2.0	1.3	0.7	2.1	0.2	-1.1	-1.3	-1.0	0.1	1.1	2.5	0.4	0.1	1.4	0.0	-0.1	-1.0	-0.4	-0.8	-1.9	12.5
25.0	.6	-2.4	-2.9	-3.0	-3.2	-4.3	-4.0	-3.4	-1.3	0.7	1.3	2.1	2.4	1.8	2.3	3.0	1.1	1.2	-0.3	-1.9	-1.2	0.8	2.5	1.3	1.9	1.4	0.1	0.9	-0.4	-0.8	-2.0	-2.0	-1.6	25.0
37.5	.9	-2.4	-3.5	-4.5	-5.6	-4.8	-4.5	-2.9	-1.8	-0.6	1.3	2.5	2.4	2.4	3.5	2.9	2.2	0.1	0.4	-0.4	-0.3	1.2	0.8	2.1	2.8	2.1	0.5	-1.5	0.1	-1.5	-2.1	-2.3	-3.3	37.5
50.0	.4	-2.4	-3.6	-5.6	-5.9	-5.9	-4.5	-3.5	-2.6	-1.5	0.8	2.3	3.5	4.7	3.2	2.3	1.0	0.6	-0.5	1.4	1.6	-0.4	1.0	1.6	2.2	2.2	1.0	0.4	-2.1	-1.6	-2.5	-3.7	-4.6	50.0
62.5	.0	-4.1	-4.9	-5.0	-5.7	-5.4	-4.8	-4.1	-3.0	-0.8	-0.3	1.8	4.6	3.9	3.5	1.5	1.0	0.5	1.3	1.2	0.7	0.5	0.3	0.8	1.3	1.2	2.0	0.8	-0.8	-2.6	-2.7	-5.0	-6.5	62.5
75.0	.8	-6.7	-6.3	-6.0	-5.1	-4.6	-3.9	-3.4	-1.6	-1.5	-0.1	1.4	1.6	3.1	2.2	2.2	1.3	1.9	2.4	0.7	0.3	1.2	0.3	-0.7	-0.4	1.0	0.7	0.4	-0.1	-2.3	-4.8	-4.8	-6.2	75.0

BIRK CREEK. VLF DATA,

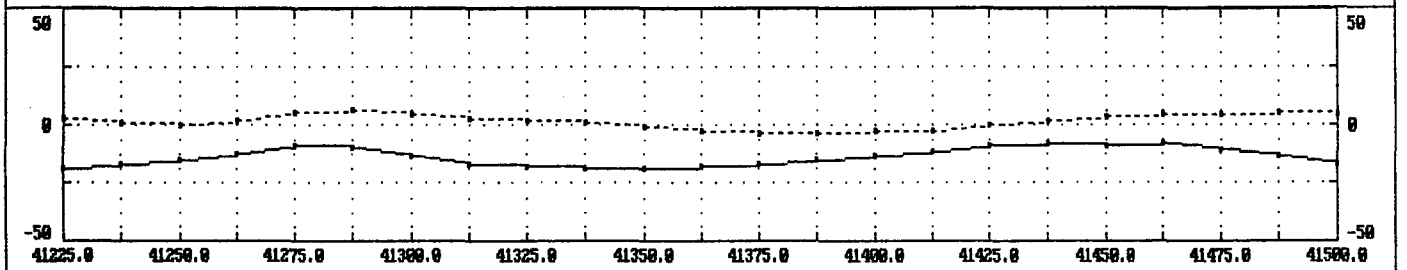
LINE 23600N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 23600N. 24.0 KHZ.

Q%	2.4	1.0	0.2	1.9	5.0	6.0	4.2	2.4	1.6	0.6	-1.0	-2.2	-3.4	-3.2	-2.8	-2.5	-0.1	1.9	3.5	4.1	4.5	5.7	4.7
I%	-18.0	-17.0	-14.9	-12.2	-9.1	-9.4	-13.2	-16.2	-17.1	-18.3	-18.6	-17.6	-16.8	-15.1	-12.8	-11.5	-8.5	-7.6	-8.4	-8.2	-10.9	-13.3	-16.8
FRFLT	7.1	8.7	10.6	8.6	-1.3	-10.9	-10.7	-6.0	-3.6	-0.8	2.5	4.3	6.5	7.6	7.9	8.2	4.0	-0.5	-3.1	-7.6	-11.0		

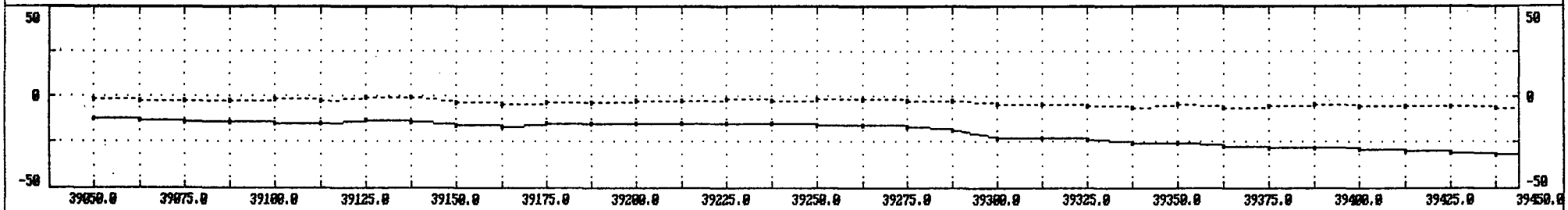


12.5	1	2.8	3.2	3.4	1.6	-2.3	-4.0	-2.6	-1.7	-1.1	0.5	1.3	1.8	2.9	2.5	2.8	2.6	0.1	-0.4	-1.9	-3.6	-4.1	-4	12.5
25.0	7	3.9	4.8	4.0	0.9	-1.9	-4.1	-4.5	-2.4	-0.4	0.2	1.7	3.2	3.6	4.7	4.2	2.3	1.5	-1.7	-3.8	-5.5	-7.5	-8	25.0
37.5	6	6.5	6.5	3.2	0.5	-1.2	-2.9	-4.3	-3.4	-1.0	1.5	2.7	3.4	4.4	4.2	3.4	2.8	0.0	-2.0	-5.7	-8.0	-9.3	-11	37.5
50.0	4	5.5	4.9	3.7	2.7	0.4	-1.6	-2.8	-4.5	-3.3	0.1	2.4	4.5	5.3	4.5	3.5	1.0	-1.4	-4.5	-6.6	-10.0	-12.1	-13	50.0
62.5	0	1.8	2.0	2.5	2.4	1.3	0.4	-0.9	-2.2	-3.3	-2.7	1.0	3.5	3.8	4.7	3.0	0.6	-2.3	-5.4	-8.9	-11.4	-14.5	-16	62.5
75.0	7	0.1	-1.2	-0.3	0.0	1.0	0.6	0.4	0.6	-0.6	-0.9	-0.8	0.5	2.1	1.0	0.7	-0.9	-3.2	-5.8	-8.9	-12.3	-15.2	-19	75.0

BIRK CREEK. VLF DATA,

LINE 23800N. 24.0 KHZ.

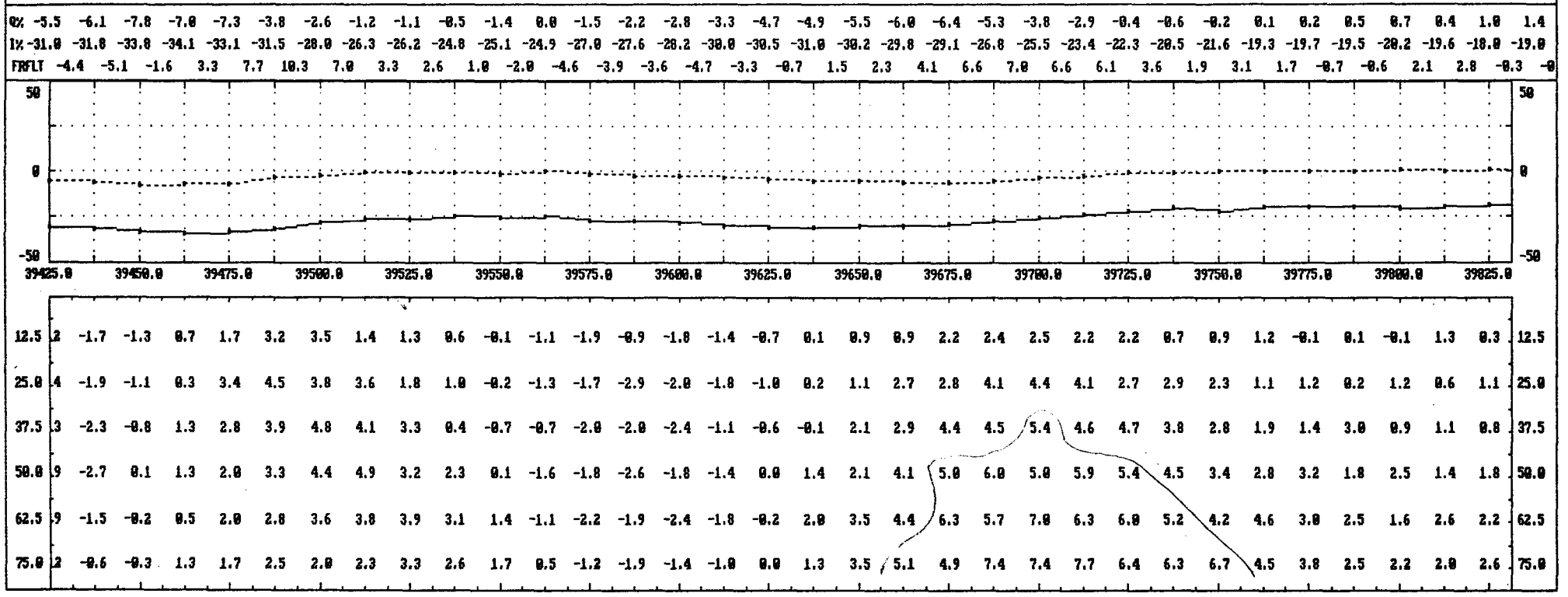
0%	-1.6	-2.1	-2.2	-2.3	-1.7	-2.9	-1.0	-1.2	-3.4	-4.5	-3.4	-3.0	-2.8	-2.6	-1.8	-2.7	-1.9	-1.4	-2.2	-2.3	-4.7	-4.7	-5.6	-6.0	-4.5	-5.7	-4.9	-4.4	-5.4	-5.6	-5.5	-6.1	-7.8
1%	-12.4	-13.2	-13.9	-13.8	-14.5	-14.5	-13.4	-14.0	-15.6	-16.8	-15.2	-15.0	-15.0	-14.5	-14.6	-15.3	-15.8	-15.7	-16.9	-18.1	-22.5	-22.9	-24.1	-25.3	-25.7	-27.0	-27.7	-28.4	-29.3	-30.2	-31.0	-31.8	-33.8
FRFLT		-2.1	-1.2	-1.3	0.4	1.6	-1.7	-5.0	-2.4	2.2	2.0	0.7	0.9	-0.4	-2.0	-1.6	-1.5	-3.5	-8.0	-10.4	-6.4	-4.0	-4.0	-3.3	-3.7	-3.4	-3.0	-3.4	-3.5	-3.3	-4.4	-5.1	-1



12.5	-0.8	-0.9	-0.5	-0.4	-0.5	0.5	0.0	-1.2	-1.5	0.1	0.9	0.1	0.4	0.2	-0.5	-0.8	-0.5	-1.3	-1.7	-3.6	-3.2	-1.4	-2.1	-1.2	-1.3	-1.5	-1.1	-1.2	-1.3	-1.4	-1.2	-1.7	12.5
25.0	-0.6	-1.0	-1.3	-1.0	0.2	-0.2	-0.8	-1.4	-1.1	-0.7	0.3	1.2	0.0	-0.7	-1.1	-1.1	-1.8	-2.1	-4.3	-4.7	-4.8	-4.7	-2.5	-3.2	-3.1	-2.7	-2.8	-2.6	-2.3	-2.1	-2.4	-1.9	25.0
37.5	-0.5	-1.1	-1.4	-0.4	-0.3	-0.9	-1.8	-0.7	-0.6	-1.3	-0.7	-0.2	0.1	-1.1	-1.1	-2.0	-2.8	-5.1	-4.8	-5.4	-6.2	-5.8	-6.0	-4.0	-4.2	-3.9	-3.7	-3.4	-3.0	-3.4	-3.3	-2.3	37.5
50.0	-0.2	-0.4	-0.3	-1.1	-1.7	-2.0	-0.8	-0.9	-1.0	-0.9	-1.7	-1.9	-1.0	-0.3	-1.7	-2.6	-5.1	-5.7	-6.4	-6.6	-6.6	-7.2	-6.9	-6.5	-4.1	-4.2	-4.1	-3.8	-5.2	-4.7	-3.9	-2.7	50.0
62.5	0.3	0.4	-0.3	-1.7	-2.8	-2.0	-1.5	-1.3	-1.1	-0.8	-1.2	-2.2	-1.9	-1.8	-1.9	-5.3	-5.5	-6.3	-7.3	-7.3	-7.4	-7.2	-7.3	-6.9	-6.5	-4.8	-5.3	-6.0	-5.7	-5.1	-3.9	-1.5	62.5
75.0	1.2	0.3	-1.4	-2.5	-2.0	-2.4	-2.1	-1.4	-0.9	-1.4	-1.4	-1.4	-2.0	-3.3	-5.1	-4.7	-6.2	-6.9	-6.6	-7.3	-7.5	-7.5	-7.6	-8.2	-8.5	-8.4	-6.9	-7.1	-6.1	-4.6	-2.2	-0.6	75.0

BIRK CREEK. VLF DATA,

LINE 23800N. 24.0 KHZ.

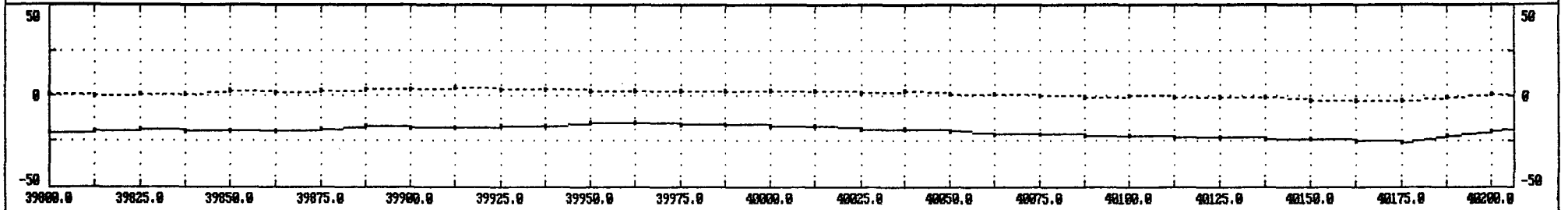


12.5	.2	-1.7	-1.3	0.7	1.7	3.2	3.5	1.4	1.3	0.6	-0.1	-1.1	-1.9	-0.9	-1.8	-1.4	-0.7	0.1	0.9	0.9	2.2	2.4	2.5	2.2	2.2	0.7	0.9	1.2	-0.1	0.1	-0.1	1.3	0.3	12.5
25.0	.4	-1.9	-1.1	0.3	3.4	4.5	3.8	3.6	1.8	1.0	-0.2	-1.3	-1.7	-2.9	-2.0	-1.8	-1.0	0.2	1.1	2.7	2.8	4.1	4.4	4.1	2.7	2.9	2.3	1.1	1.2	0.2	1.2	0.6	1.1	25.0
37.5	.3	-2.3	-0.8	1.3	2.8	3.9	4.8	4.1	3.3	0.4	-0.7	-0.7	-2.0	-2.0	-2.4	-1.1	-0.6	-0.1	2.1	2.9	4.4	4.5	5.4	4.6	4.7	3.8	2.8	1.9	1.4	3.0	0.9	1.1	0.8	37.5
50.0	.9	-2.7	0.1	1.3	2.0	3.3	4.4	4.9	3.2	2.3	0.1	-1.6	-1.8	-2.6	-1.8	-1.4	0.0	1.4	2.1	4.1	5.0	6.0	5.0	5.9	5.4	4.5	3.4	2.8	3.2	1.8	2.5	1.4	1.8	50.0
62.5	.9	-1.5	-0.2	0.5	2.0	2.8	3.6	3.8	3.9	3.1	1.4	-1.1	-2.2	-1.9	-2.4	-1.8	-0.2	2.0	3.5	4.4	6.3	5.7	7.0	6.3	6.0	5.2	4.2	4.6	3.0	2.5	1.6	2.6	2.2	62.5
75.0	.2	-0.6	-0.3	1.3	1.7	2.5	2.0	2.3	3.3	2.6	1.7	0.5	-1.2	-1.9	-1.4	-1.0	0.0	1.3	3.5	5.1	4.9	7.4	7.4	7.7	6.4	6.3	6.7	4.5	3.8	2.5	2.2	2.0	2.6	75.0

BIRK CREEK. VLF DATA,

LINE 23800N. 24.0 KHZ.

QX	0.7	0.4	1.0	1.4	2.5	2.3	3.2	3.7	3.8	4.1	3.9	3.4	3.1	3.0	2.9	3.2	2.7	2.5	1.5	2.6	0.8	0.6	0.4	-0.6	0.1	-1.1	-0.7	-0.6	-2.6	-2.5	-2.2	-0.5	0.8	1.7
IX	-20.2	-19.6	-18.0	-19.0	-18.9	-18.9	-18.4	-16.9	-17.2	-17.1	-16.6	-16.2	-15.3	-14.7	-15.5	-16.0	-16.5	-16.9	-18.6	-18.7	-19.2	-21.1	-21.1	-21.7	-22.3	-22.7	-22.4	-23.3	-23.9	-24.3	-25.2	-22.3	-19.0	-16.5
FRFLT	2.1	2.8	-0.3	-0.8	0.6	2.5	3.2	1.0	0.4	1.5	2.2	2.8	1.3	-1.5	-2.3	-1.9	-3.0	-3.9	-2.4	-3.0	-4.3	-2.5	-1.8	-2.2	-1.1	-0.7	-2.1	-2.5	-2.3	0.7	8.2	12.0	9.9	4

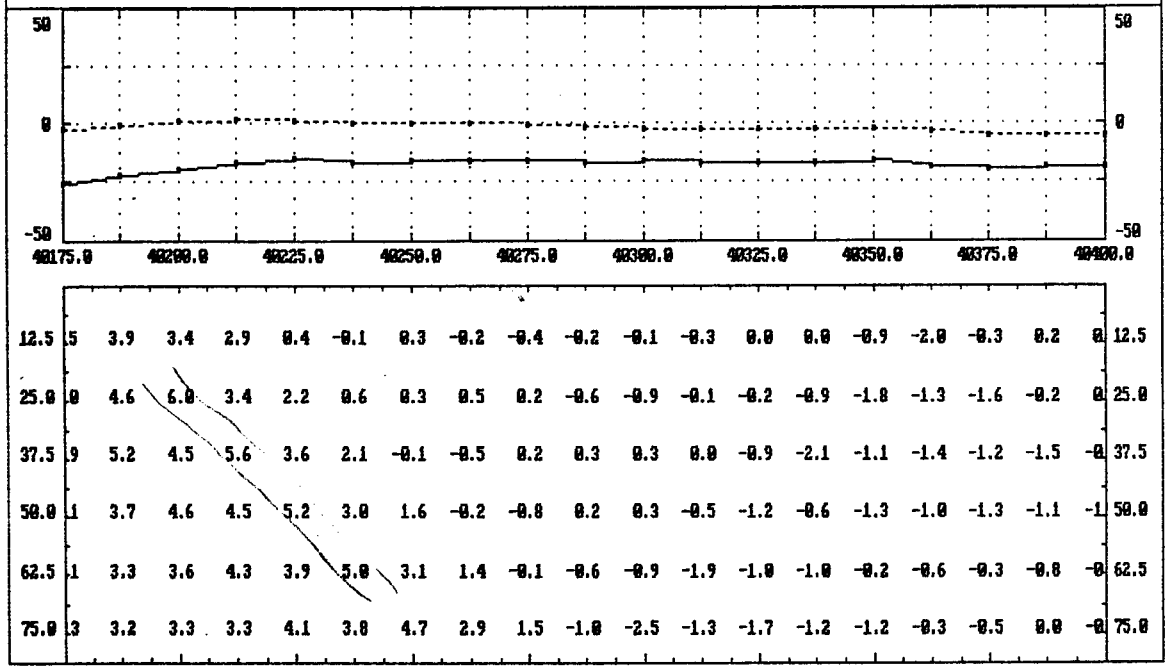


12.5	1	1.3	0.3	-0.4	0.4	0.2	1.2	0.8	0.1	0.6	0.6	0.8	0.9	-0.1	-0.7	-0.8	-0.7	-1.4	-1.4	-0.6	-1.7	-1.3	-0.6	-0.9	-0.7	-0.2	-0.5	-1.0	-0.4	-0.4	1.5	3.9	3.4	12.5
25.0	2	0.6	1.1	0.5	-0.1	1.4	1.4	1.3	1.1	0.5	1.1	1.5	0.6	-0.1	-0.8	-1.5	-2.0	-1.7	-1.9	-2.8	-1.8	-2.1	-2.3	-1.4	-1.1	-1.1	-0.6	-0.4	-1.1	0.7	3.0	4.6	6.0	25.0
37.5	9	1.1	0.8	1.6	1.9	0.9	1.1	1.3	1.6	1.7	1.2	0.7	0.4	-0.1	-0.6	-2.0	-2.6	-2.3	-3.1	-2.9	-3.1	-2.7	-2.6	-1.7	-0.9	-1.2	-1.4	-1.6	0.1	2.0	3.9	5.2	4.5	37.5
50.0	5	1.4	1.8	2.3	2.2	1.8	0.9	1.5	2.0	2.0	1.5	0.3	0.2	-0.1	-1.4	-1.6	-2.4	-3.8	-3.5	-3.3	-2.9	-2.6	-1.4	-2.2	-2.5	-2.0	-2.5	-0.5	1.7	3.2	4.1	3.7	4.6	50.0
62.5	6	2.6	2.2	2.1	2.1	2.8	2.2	1.8	2.5	1.9	1.3	1.1	-0.2	-1.1	-1.2	-1.7	-2.8	-3.0	-3.3	-3.0	-3.0	-2.7	-3.3	-2.7	-3.1	-3.3	-0.8	1.0	2.5	4.0	3.1	3.3	3.6	62.5
75.0	2	2.0	2.6	1.5	2.2	2.4	3.3	3.4	1.9	2.1	1.6	1.2	-0.3	-1.0	-0.6	-1.7	-1.7	-2.5	-3.1	-3.8	-3.5	-3.9	-4.0	-3.9	-3.5	-1.9	0.2	2.5	3.2	2.7	3.3	3.2	3.3	75.0

BIRK CREEK. VLF DATA,

LINE 23800N. 24.0 KHZ.

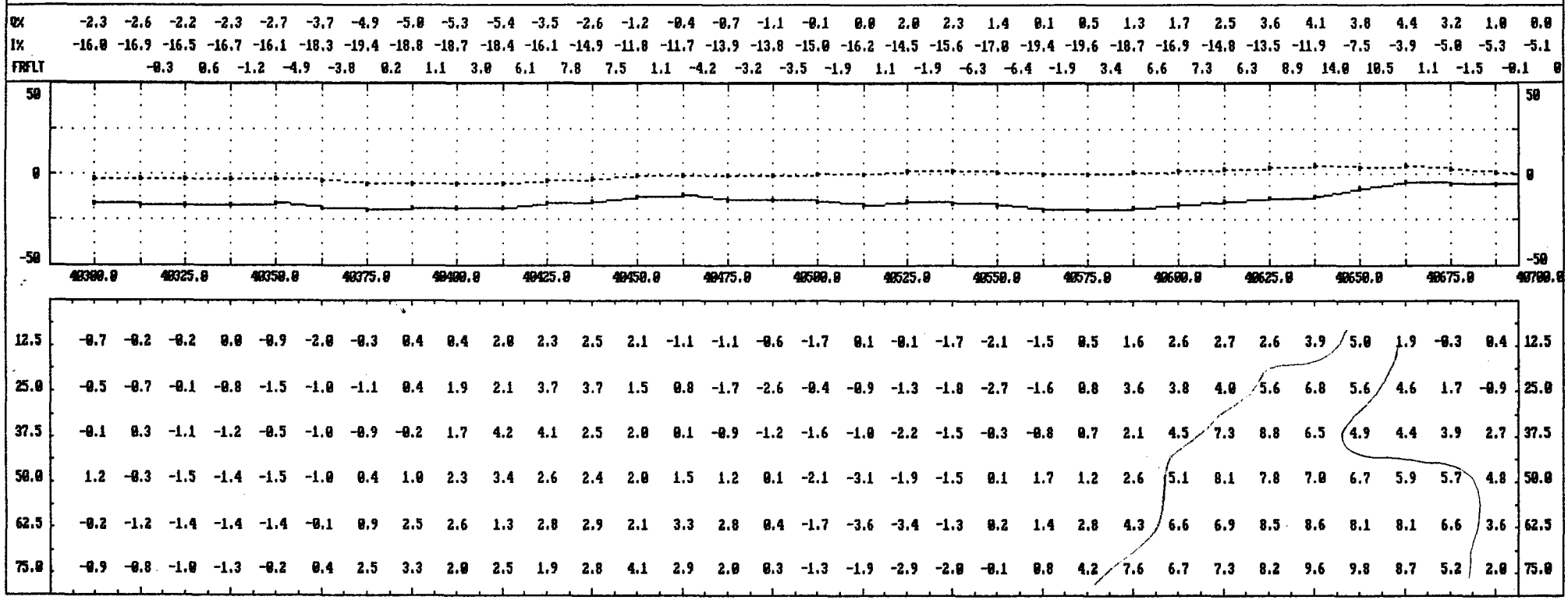
0%	-2.2	-0.5	0.8	1.7	0.7	0.4	0.0	0.0	-1.1	-1.3	-2.3	-2.6	-2.2	-2.3	-2.7	-3.7	-4.9	-5.0	-5.3
1%	-25.2	-22.3	-19.0	-16.5	-14.9	-16.5	-15.6	-16.1	-15.7	-16.7	-16.0	-16.9	-16.5	-16.7	-16.1	-18.3	-19.4	-18.0	-18.7
FRFLT	8.2	12.0	9.9	4.1	-0.7	-0.3	0.3	-0.7	-0.9	-0.5	-0.7	-0.3	0.6	-1.2	-4.9	-3.8	0.2		



12.5	5	3.9	3.4	2.9	0.4	-0.1	0.3	-0.2	-0.4	-0.2	-0.1	-0.3	0.0	0.0	-0.9	-2.0	-0.3	0.2	0	12.5
25.0	0	4.6	6.0	3.4	2.2	0.6	0.3	0.5	0.2	-0.6	-0.9	-0.1	-0.2	-0.9	-1.8	-1.3	-1.6	-0.2	0	25.0
37.5	9	5.2	4.5	5.6	3.6	2.1	-0.1	-0.5	0.2	0.3	0.3	0.0	-0.9	-2.1	-1.1	-1.4	-1.2	-1.5	-0	37.5
50.0	1	3.7	4.6	4.5	5.2	3.0	1.6	-0.2	-0.8	0.2	0.3	-0.5	-1.2	-0.6	-1.3	-1.0	-1.3	-1.1	-1	50.0
62.5	1	3.3	3.6	4.3	3.9	5.0	3.1	1.4	-0.1	-0.6	-0.9	-1.9	-1.0	-1.0	-0.2	-0.6	-0.3	-0.8	-0	62.5
75.0	3	3.2	3.3	3.3	4.1	3.8	4.7	2.9	1.5	-1.0	-2.5	-1.3	-1.7	-1.2	-1.2	-0.3	-0.5	0.0	-0	75.0

BIRK CREEK. VLF DATA,

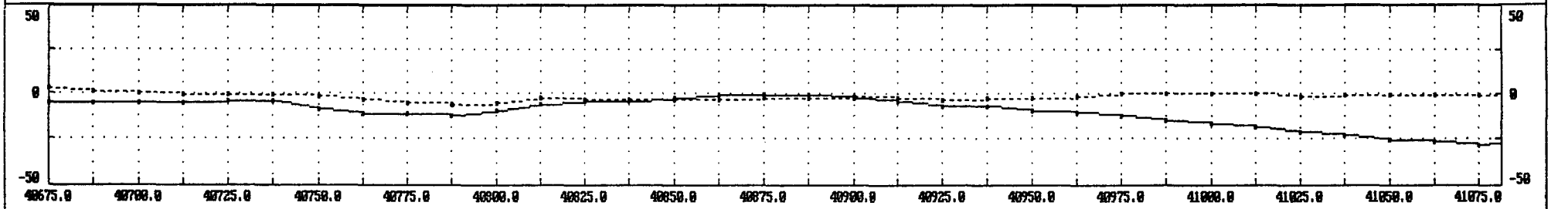
LINE 23800N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 23800N. 24.0 KHZ.

Q%	3.2	1.0	0.0	-1.2	-0.7	-0.4	-1.8	-3.2	-4.8	-6.1	-5.0	-2.8	-3.7	-3.4	-3.4	-3.0	-2.4	-2.3	-1.5	-2.9	-3.4	-2.3	-2.7	-1.9	-0.2	-0.3	-0.2	-0.3	-1.3	-0.5	-0.9	-0.5	-0.5	-0.8
I%	-5.0	-5.3	-5.1	-5.3	-4.3	-4.7	-8.3	-11.4	-11.7	-12.2	-9.2	-5.7	-4.2	-4.0	-2.3	-0.5	-0.8	-1.0	-2.6	-4.1	-7.0	-6.8	-9.3	-10.6	-12.3	-15.2	-16.9	-18.7	-20.8	-22.9	-25.7	-26.2	-27.8	-25.2
FRFLT	-1.5	-0.1	0.8	1.4	-3.4	-10.7	-10.1	-4.2	1.7	9.0	11.5	6.7	3.6	5.4	5.0	1.0	-2.3	-4.9	-7.5	-7.1	-5.0	-6.1	-6.8	-7.6	-9.2	-8.1	-7.4	-8.1	-9.1	-8.2	-5.4	-1.1	12.6	20

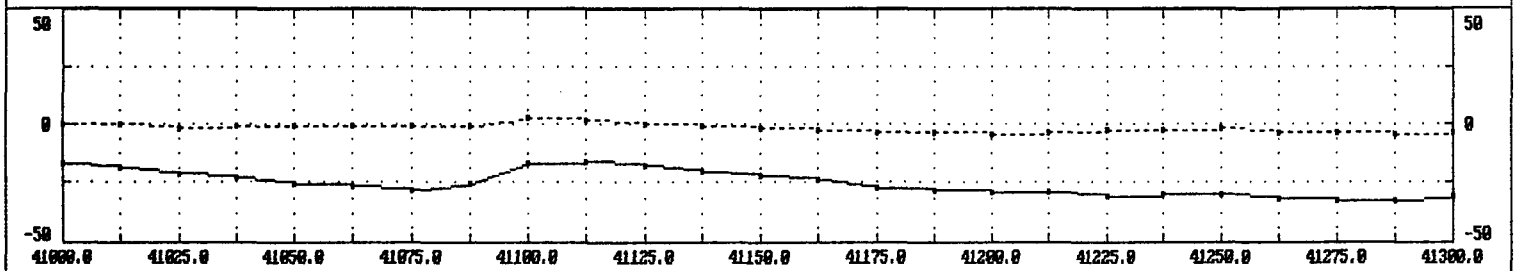


12.5	3	0.4	-0.1	0.1	-0.1	-2.6	-4.0	-2.0	-0.5	1.5	4.0	3.3	1.7	1.6	2.2	0.8	-0.3	-1.3	-2.0	-3.0	-2.1	-1.9	-3.0	-2.2	-3.3	-3.3	-2.7	-3.1	-3.0	-3.4	-2.1	-0.6	0.7	12.5
25.0	7	-0.9	0.6	0.7	-1.6	-3.2	-3.8	-4.1	-0.2	3.6	4.2	4.3	3.8	3.0	2.0	2.1	0.0	-2.4	-3.9	-3.8	-4.6	-4.7	-4.2	-6.1	-5.8	-5.8	-5.9	-5.3	-4.7	-4.2	-4.5	-1.9	4.6	25.0
37.5	9	2.7	0.8	-0.5	-2.2	-2.5	-2.8	-2.1	-0.4	2.3	4.1	4.9	6.1	3.8	1.8	0.2	-0.4	-2.9	-3.7	-5.3	-6.3	-6.6	-7.3	-6.9	-7.8	-6.7	-7.2	-8.0	-7.4	-7.3	-5.1	1.1	2.4	37.5
50.0	7	4.8	0.6	-2.8	-2.4	-2.5	-1.1	0.7	0.5	0.7	3.0	5.4	5.5	5.4	2.6	-0.5	-3.2	-3.3	-5.2	-6.4	-7.1	-8.2	-7.4	-7.7	-7.5	-9.2	-10.4	-10.5	-10.7	-7.6	-1.5	-0.2	0.2	50.0
62.5	6	3.6	0.9	-2.0	-4.3	-2.2	0.3	0.9	1.3	1.6	2.4	3.9	5.4	4.1	3.1	-0.3	-2.2	-4.7	-5.2	-6.2	-8.4	-8.8	-9.4	-10.0	-10.9	-11.4	-12.2	-11.8	-9.6	-3.9	-2.2	-2.2	-2.7	62.5
75.0	2	2.0	0.8	-0.6	-1.5	-1.5	-0.2	0.1	1.2	2.5	1.9	2.0	2.7	3.5	1.9	2.5	0.0	-2.9	-4.8	-6.9	-9.0	-11.4	-13.1	-14.1	-14.3	-13.2	-12.4	-10.8	-4.4	-4.0	-4.4	-4.2	-4.5	75.0

BIRK CREEK. VLF DATA,

LINE 23000N. 24.0 KHZ.

R%	-0.2	-0.3	-1.3	-0.5	-0.9	-0.5	-0.5	-0.8	2.6	1.8	0.3	-1.0	-1.5	-2.6	-3.0	-3.5	-4.2	-3.5	-2.6	-2.6	-2.0	-3.8	-3.7	-4.6	-3.8
I%	-16.9	-18.7	-20.0	-22.9	-25.7	-26.2	-27.0	-25.2	-16.2	-15.9	-17.8	-20.0	-22.1	-24.0	-26.8	-28.4	-29.0	-28.9	-30.4	-30.0	-29.6	-31.8	-32.6	-32.8	-31.1
FRFLT	-7.4	-8.1	-9.1	-8.2	-5.4	-1.1	12.6	20.9	7.7	-5.7	-8.4	-8.3	-8.7	-9.1	-6.6	-2.7	-1.9	-2.5	-0.3	-1.0	-4.8	-4.0	0.5		

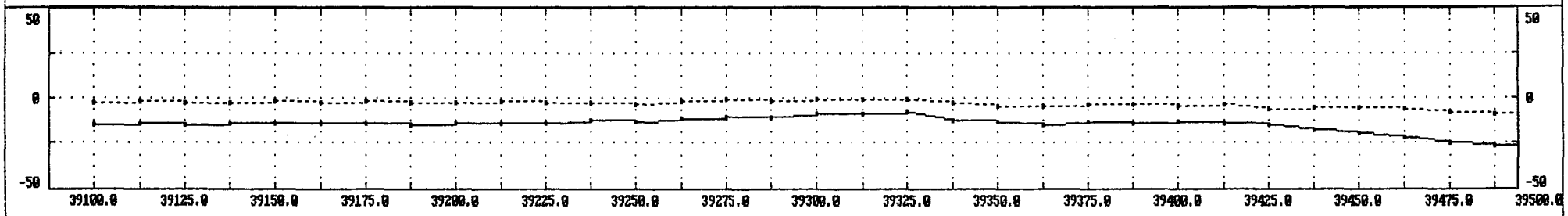


12.5	.7	-3.1	-3.0	-3.4	-2.1	-0.6	0.7	6.7	5.3	-0.6	-1.8	-3.0	-3.0	-3.3	-3.0	-1.8	-0.7	-1.0	-0.9	0.3	-1.3	-1.6	-0.5	0.7	1	12.5
25.0	.9	-5.3	-4.7	-4.2	-4.5	-1.9	4.6	5.1	4.8	2.2	-3.7	-4.6	-4.6	-4.4	-4.5	-3.8	-3.1	-1.7	-0.9	-2.0	-1.4	-1.6	-0.8	0.8	1	25.0
37.5	.2	-8.0	-7.4	-7.3	-5.1	1.1	2.4	3.0	2.4	2.1	-0.3	-6.7	-7.8	-6.7	-4.9	-4.1	-3.0	-2.2	-2.7	-2.7	-2.8	-0.9	-0.5	-0.1	1	37.5
50.0	.4	-10.5	-10.7	-7.6	-1.5	-0.2	0.2	0.0	0.7	-0.3	-0.9	-3.2	-8.4	-8.2	-7.7	-5.8	-3.6	-3.7	-2.5	-2.1	-1.8	-1.6	-0.3	0.0	0	50.0
62.5	.2	-11.8	-9.6	-3.9	-2.2	-2.2	-2.7	-2.7	-2.5	-2.2	-2.9	-2.0	-3.3	-9.0	-8.9	-7.4	-7.3	-6.2	-4.5	-1.6	-0.4	0.4	0.3	0.5	0	62.5
75.0	.4	-10.8	-4.4	-4.0	-4.4	-4.2	-4.5	-4.7	-5.1	-4.7	-3.3	-2.9	-2.7	-4.0	-8.7	-10.0	-9.4	-8.0	-5.7	-3.9	-1.2	0.3	1.2	1.5	2	75.0

BIRK CREEK. VLF DATA,

LINE 24000N. 24.0 KHZ.

Q%	-2.7	-1.8	-2.4	-2.5	-2.0	-2.3	-2.0	-2.2	-2.5	-1.6	-2.5	-2.7	-3.0	-1.8	-1.0	-1.5	-0.7	-0.5	-0.4	-2.1	-3.9	-3.9	-3.7	-3.1	-4.0	-3.4	-5.7	-5.3	-5.4	-6.1	-7.8	-9.1	-8.5
I%	-15.3	-13.8	-14.7	-14.3	-14.3	-14.2	-14.4	-14.8	-14.1	-14.0	-13.6	-12.6	-13.4	-11.4	-10.8	-10.8	-9.1	-9.1	-8.2	-11.8	-12.8	-14.7	-12.8	-14.1	-13.5	-14.4	-15.2	-17.6	-19.1	-21.7	-24.8	-26.1	-26.4
FRFLT		0.1	-0.1	0.5	0.0	-0.7	-0.3	1.1	1.3	1.9	1.6	1.4	3.8	3.2	2.3	3.4	2.6	-1.8	-7.3	-7.5	-2.9	0.6	-0.1	-1.0	-2.0	-4.9	-7.1	-8.0	-9.8	-10.1	-6.0	-3.2	-2

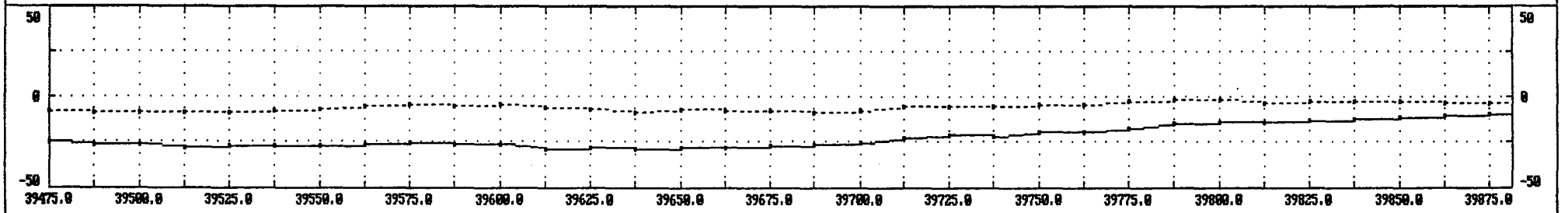


12.5	1.1	0.3	-0.2	0.3	-0.1	0.0	-0.3	0.2	0.6	0.3	1.1	0.3	0.8	1.8	0.4	1.3	0.8	0.4	-1.7	-2.6	-1.9	-0.4	0.1	-0.7	-0.3	-1.4	-2.2	-2.9	-2.9	-3.8	-3.1	-1.4	12.5
25.0	0.2	0.7	0.5	-0.2	0.3	0.1	0.2	0.3	0.8	1.4	0.7	1.7	1.9	1.0	2.2	1.2	1.5	-0.5	-2.0	-3.3	-2.8	-1.7	-1.0	-0.8	-2.7	-3.0	-3.8	-4.7	-6.1	-5.3	-4.7	-4.0	25.0
37.5	0.1	0.5	0.9	0.4	-0.4	0.5	0.5	0.9	1.4	1.1	1.8	1.7	1.4	2.5	1.9	3.1	-0.2	-1.1	-2.5	-2.5	-3.5	-3.7	-2.4	-2.2	-2.4	-4.6	-5.3	-7.5	-7.2	-6.8	-6.1	-5.4	37.5
50.0	-0.2	0.3	0.6	0.6	0.9	0.1	0.9	0.9	0.3	1.3	1.9	2.3	2.9	2.7	2.9	0.1	-0.2	-2.6	-2.1	-2.7	-3.4	-3.8	-4.5	-3.8	-3.9	-4.4	-7.1	-7.4	-8.2	-8.8	-8.1	-6.2	50.0
62.5	-0.3	0.0	0.1	0.8	0.8	0.6	0.1	0.3	1.1	1.7	1.7	2.9	2.8	2.9	0.6	-0.5	-2.4	-0.7	-2.6	-2.4	-2.6	-3.9	-5.2	-6.3	-5.8	-7.1	-7.1	-8.1	-8.4	-8.7	-7.9	-7.5	62.5
75.0	-0.6	-1.0	-0.4	-0.2	0.4	1.1	0.4	0.8	1.7	1.4	2.1	1.8	2.2	0.5	-0.5	-1.5	-0.5	-1.5	-0.6	-2.3	-2.9	-4.3	-6.1	-7.8	-9.9	-8.6	-8.2	-7.8	-8.5	-7.4	-7.6	-6.9	75.0

BIRK CREEK. VLF DATA,

LINE 24000N. 24.0 KHZ.

Q%	-7.8	-9.1	-8.5	-8.6	-8.4	-8.1	-6.9	-4.9	-4.7	-5.0	-4.3	-6.1	-7.2	-8.3	-7.0	-7.6	-8.0	-8.4	-7.4	-5.1	-4.9	-5.5	-4.2	-4.0	-2.7	-1.6	-2.0	-3.2	-2.8	-2.6	-2.5	-3.3	-3.3	-2.9
I%	-24.0	-26.1	-26.4	-27.7	-27.4	-26.8	-26.9	-26.4	-25.6	-26.5	-26.7	-29.4	-28.1	-29.0	-28.5	-28.4	-27.0	-26.6	-25.6	-22.6	-21.4	-21.6	-19.2	-19.0	-17.4	-14.5	-14.1	-13.9	-13.1	-11.8	-11.1	-10.7	-9.9	-8.2
FRFLT	-6.0	-3.2	-2.6	-0.1	1.4	0.9	1.7	1.2	-1.2	-4.0	-4.3	-1.0	0.0	0.2	2.1	3.3	3.2	5.4	8.2	5.2	3.2	4.8	4.4	6.3	7.8	3.9	1.6	3.1	4.1	3.1	2.3	3.7	4.7	5

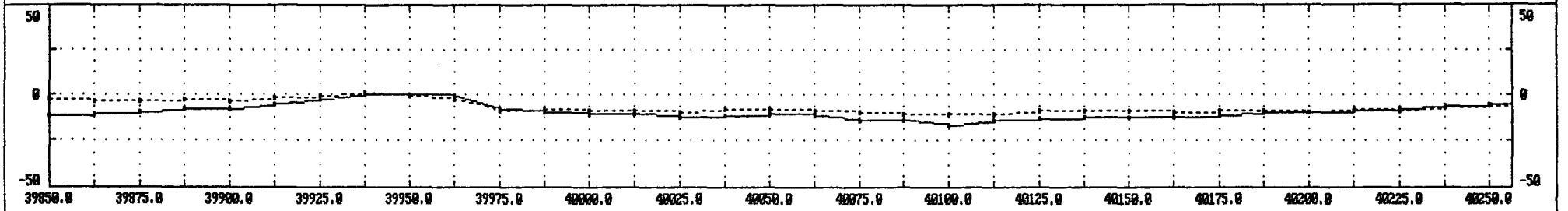


12.5	.1	-1.4	-1.3	-0.7	0.5	0.3	0.2	0.8	-0.3	-0.6	-1.7	-0.9	0.1	-0.3	0.6	1.0	1.5	1.2	2.6	2.9	1.0	1.9	2.0	1.3	3.0	2.2	0.8	1.0	1.4	1.4	1.0	1.0	1.9	12.5
25.0	.7	-4.0	-2.1	-1.0	-1.0	0.0	0.7	0.0	-0.1	-1.6	-1.3	-1.3	-0.8	1.0	1.0	1.4	2.0	3.9	3.7	3.7	4.5	2.8	3.0	5.0	3.9	3.5	3.1	2.4	2.4	2.9	3.0	3.0	2.7	25.0
37.5	.1	-5.4	-3.8	-2.1	-1.2	-0.5	-0.2	-0.2	-1.8	-0.7	-1.1	-1.1	-0.5	0.4	2.1	2.1	4.4	4.5	4.5	4.9	5.2	5.5	5.6	5.1	5.5	4.7	5.6	5.1	3.8	3.7	4.4	3.3	4.0	37.5
50.0	.1	-6.2	-5.2	-3.1	-1.1	-0.8	-0.8	-1.4	-0.9	-1.6	-1.0	-1.1	-0.4	0.8	1.4	4.8	4.7	5.0	6.1	6.0	6.1	7.6	7.4	6.3	6.3	7.4	6.4	6.4	5.0	4.0	4.1	5.1	6.6	50.0
62.5	.9	-7.5	-5.8	-4.5	-2.9	-1.1	-1.9	-1.1	-0.8	-1.0	-1.1	-0.2	-0.2	0.1	2.6	3.6	5.2	5.9	6.9	7.4	9.1	8.7	8.8	8.4	7.5	6.3	6.7	5.5	6.4	5.9	6.3	7.6	9.0	62.5
75.0	.6	-6.9	-6.0	-5.3	-4.5	-4.6	-2.1	-1.4	-0.9	-0.1	0.2	0.2	0.5	1.8	2.2	2.9	4.5	6.7	7.4	9.9	9.8	9.8	8.7	8.6	8.3	6.5	6.2	7.5	6.9	8.7	9.1	9.1	8.4	75.0

BIRK CREEK. VLF DATA,

LINE 24000N. 24.0 KHZ.

Q%	-2.5	-3.3	-3.3	-2.9	-3.0	-1.9	-0.5	0.7	-1.1	-2.9	-8.8	-7.9	-8.5	-9.0	-9.2	-8.0	-8.1	-8.3	-9.6	-10.1	-10.6	-10.2	-8.6	-8.8	-8.5	-9.3	-9.1	-8.7	-9.2	-8.1	-8.3	-7.3	-6.3	-4.2
I%	-11.1	-10.7	-9.9	-8.2	-7.7	-5.0	-2.1	0.3	-0.3	-0.8	-7.9	-9.3	-10.1	-10.7	-11.8	-11.1	-10.9	-11.1	-14.0	-14.3	-16.4	-14.2	-13.4	-12.1	-12.0	-12.0	-11.1	-9.2	-9.7	-8.3	-7.8	-5.9	-5.3	-3.2
FRFLT	2.3	3.7	4.7	5.4	8.8	10.9	7.2	0.7	-8.8	-16.1	-10.7	-3.6	-3.1	-2.1	0.5	0.9	-3.1	-6.3	-5.6	-2.3	3.1	5.1	3.5	1.5	1.0	3.7	4.2	2.3	2.8	4.3	4.9	5.2	5.5	3

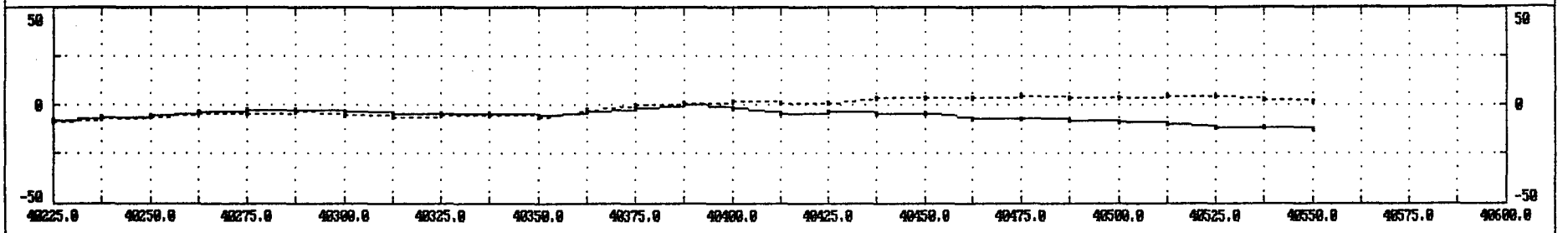


12.5	.0	1.0	1.9	1.8	2.5	3.6	3.3	0.8	-0.7	-4.5	-5.3	-1.8	-1.6	-1.2	-0.4	0.1	-0.2	-2.0	-1.8	-1.4	-0.1	1.8	1.2	1.2	0.4	0.7	1.8	1.8	0.9	1.5	1.7	1.8	1.8	12.5
25.0	.0	3.0	2.7	3.8	4.3	4.4	4.2	2.4	-3.3	-5.3	-5.3	-5.5	-2.8	-1.9	-1.7	-1.3	-1.4	-1.9	-3.2	-1.8	0.5	1.5	2.4	1.2	1.5	2.1	2.1	2.8	2.6	2.3	2.8	3.3	3.3	25.0
37.5	.4	3.3	4.0	5.0	6.3	5.5	4.4	0.1	-2.2	-4.6	-6.3	-6.8	-5.7	-1.4	-0.8	-2.4	-2.9	-3.5	-2.5	-1.5	-0.5	1.2	1.7	3.5	3.2	2.4	2.3	2.8	3.8	3.9	3.9	4.4	3.6	37.5
50.0	.1	5.1	6.6	7.6	6.7	6.2	1.4	-0.6	-1.6	-3.2	-5.2	-6.1	-5.6	-5.4	-2.9	-2.2	-3.0	-1.6	-1.3	-1.2	-1.2	-0.9	1.9	3.2	4.1	3.5	3.2	3.5	3.6	5.1	5.6	4.7	4.4	50.0
62.5	.3	7.6	9.0	7.9	6.7	2.1	1.4	0.3	-0.6	-1.6	-2.9	-4.4	-5.7	-7.1	-7.0	-4.0	-1.7	-0.0	0.3	0.9	-0.3	-0.5	0.4	1.6	2.5	4.6	4.8	5.0	5.5	5.7	5.3	4.3	3.0	62.5
75.0	.1	9.1	8.4	8.2	3.8	2.4	1.7	1.1	0.1	-0.3	-0.8	-2.3	-5.6	-7.2	-8.1	-6.4	-1.9	-0.4	0.0	0.3	1.3	1.6	0.6	1.3	3.2	4.3	5.6	5.4	6.2	5.4	4.5	4.1	3.6	75.0

BIRK CREEK. VLF DATA,

LINE 24000N. 24.0 KHZ.

%Z	-8.3	-7.3	-6.3	-4.2	-4.3	-3.7	-5.4	-6.2	-5.6	-5.0	-6.3	-2.6	-0.2	0.9	1.9	0.8	1.4	3.3	3.3	3.9	4.3	3.4	3.5	4.4	4.2	3.1	2.2	
I%	-7.8	-5.9	-5.3	-3.2	-2.5	-2.6	-3.7	-3.9	-4.2	-4.3	-5.0	-3.8	-1.3	-0.2	-1.9	-4.1	-3.6	-4.0	-4.4	-6.6	-6.5	-8.0	-8.3	-9.5	-11.2	-11.1	-12.2	
FRFLT	4.9	5.2	5.5	3.4	-0.6	-2.5	-1.8	-0.9	-1.2	-0.3	4.2	7.3	3.0	-4.5	-5.6	-1.6	-0.7	-3.4	-4.7	-3.5	-3.2	-3.3	-4.4	-4.5	-2.6			

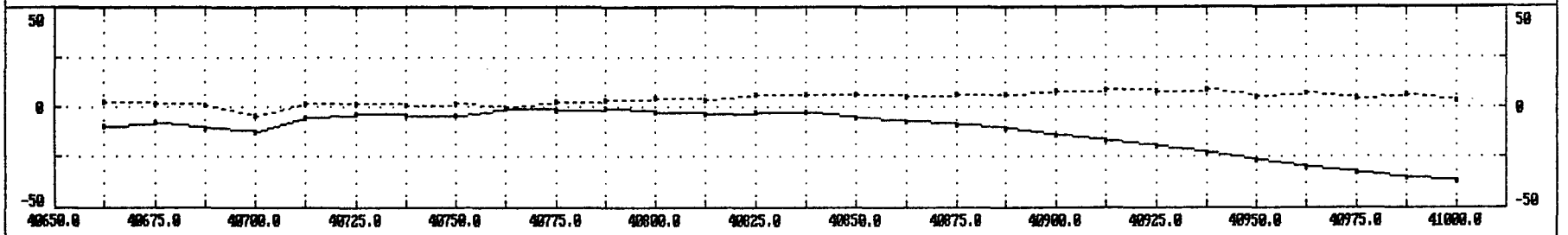


12.5	.7	1.8	1.8	1.8	0.4	-0.5	-0.7	-0.4	-0.3	-0.2	0.5	2.1	1.9	-0.2	-2.1	-1.0	-0.4	-0.8	-1.7	-1.4	-1.1	-1.5	-1.0	-2.0	-1.2	-0.9	-1.4	12.5
25.0	.8	3.3	3.3	2.1	1.2	0.0	-0.3	-0.3	-0.5	-0.2	1.4	2.2	1.6	-0.5	-1.6	-2.3	-1.4	-1.5	-2.3	-3.0	-2.8	-2.1	-3.2	-2.4	-2.9	-2.6	-2.1	25.0
37.5	.9	4.4	3.6	3.1	2.0	1.3	-0.5	-1.1	-0.4	1.7	2.1	1.3	-0.3	0.4	-0.7	-2.3	-4.1	-3.1	-2.5	-2.9	-3.6	-4.7	-3.6	-4.1	-3.6	-4.0	-3.8	37.5
50.0	.6	4.7	4.4	3.0	2.4	1.2	0.5	0.0	0.9	1.4	1.1	0.0	0.2	0.0	-0.1	-2.2	-3.7	-5.2	-4.4	-3.7	-4.8	-4.5	-5.0	-4.5	-5.2	-5.0	-5.2	50.0
62.5	.3	4.3	3.0	3.4	2.4	2.1	1.4	2.5	1.6	0.3	-0.8	0.1	-0.3	-0.2	-1.4	-1.1	-2.9	-4.6	-6.1	-6.3	-5.0	-5.8	-5.9	-6.0	-5.4	-6.0	-5.7	62.5
75.0	.5	4.1	3.6	2.5	2.3	2.2	3.5	3.2	2.1	-0.5	-0.7	-1.0	-0.5	-1.6	-1.5	-2.4	-2.1	-3.6	-6.1	-6.9	-6.7	-6.2	-7.1	-7.2	-7.2	-6.4	-7.0	75.0

BIRK CREEK. VLF DATA,

LINE 24000N. 24.0 KHZ.

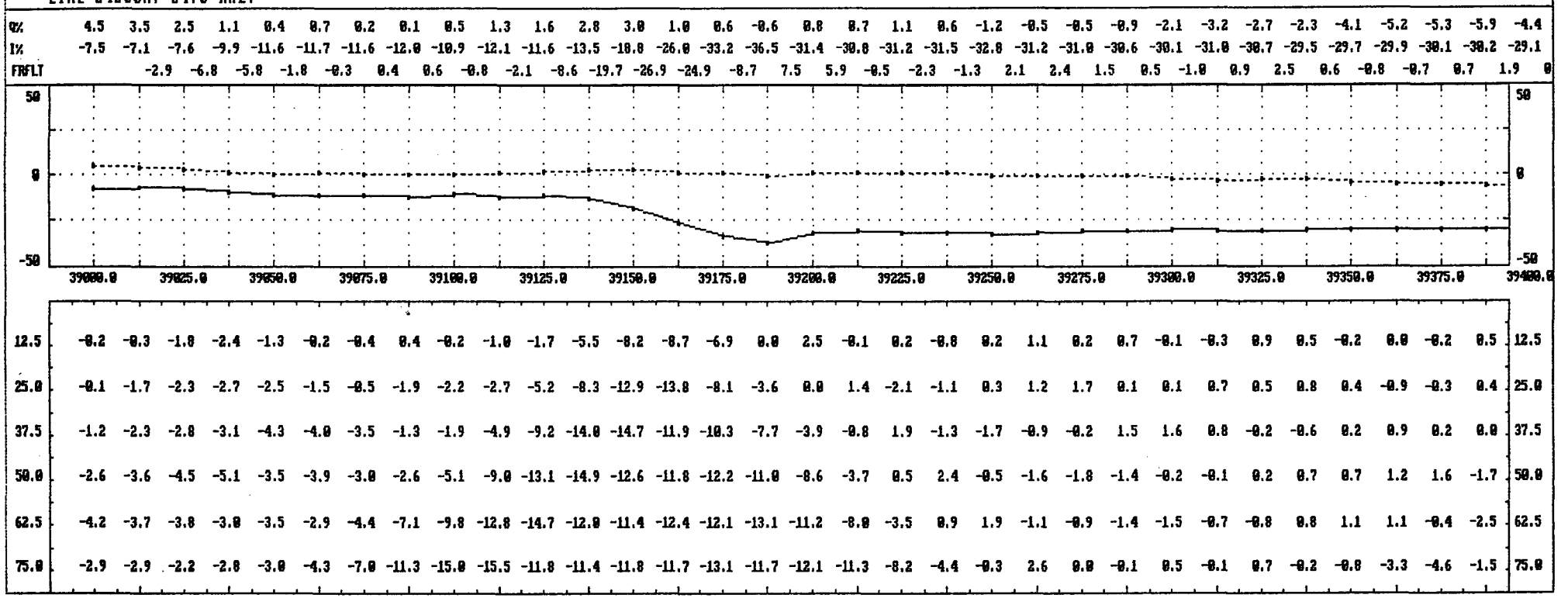
Q%	2.6	2.3	0.7	-4.0	1.7	1.6	1.1	1.8	0.4	3.0	3.6	4.8	3.9	6.1	6.0	5.9	5.5	6.6	6.1	8.0	8.8	8.1	9.2	5.8	7.0	4.4	6.1	3.9
I%	-9.2	-8.0	-10.5	-11.8	-5.0	-3.2	-4.3	-4.5	-0.9	-1.3	-1.0	-2.3	-3.3	-2.7	-2.7	-5.5	-6.9	-8.9	-10.4	-14.1	-16.6	-19.1	-23.2	-26.5	-30.2	-32.7	-35.0	-37.1
FRFLT		-5.1	1.7	14.1	9.3	-0.6	2.1	6.6	3.1	-1.1	-3.3	-2.7	0.2	-2.2	-7.0	-7.6	-6.9	-8.7	-11.4	-11.2	-11.6	-14.0	-14.4	-13.2	-11.0	-9.2		



12.5	0.3	-0.1	-1.0	3.3	4.0	0.9	0.1	2.2	1.7	-0.1	-0.2	-1.4	-0.6	-0.1	-2.0	-2.7	-2.6	-2.9	-3.7	-4.5	-3.8	-5.0	-5.2	-5.0	-4.6	-3.7	-3.5	-3.3
25.0	-0.3	-1.5	3.0	3.3	3.8	4.4	2.3	1.0	2.5	1.8	-1.6	-1.3	-1.2	-2.3	-3.1	-4.6	-5.8	-6.3	-7.0	-7.5	-9.1	-8.8	-9.5	-9.6	-8.7	-7.9	-7.1	-7.0
37.5	-0.5	3.1	3.5	3.0	2.3	5.8	6.0	2.2	0.0	0.1	0.5	-1.3	-2.7	-4.6	-5.2	-5.6	-8.0	-9.8	-9.7	-11.3	-12.0	-13.4	-12.9	-13.0	-12.7	-11.8	-11.3	-10.5
50.0	3.3	4.1	3.2	2.6	4.8	3.6	5.0	4.8	0.2	-0.6	-0.5	-2.2	-4.8	-5.8	-6.7	-7.9	-9.2	-11.3	-13.5	-14.0	-15.8	-16.1	-16.7	-15.9	-15.8	-15.9	-15.1	-14.5
62.5																												
75.0																												

BIRK CREEK. VLF DATA,

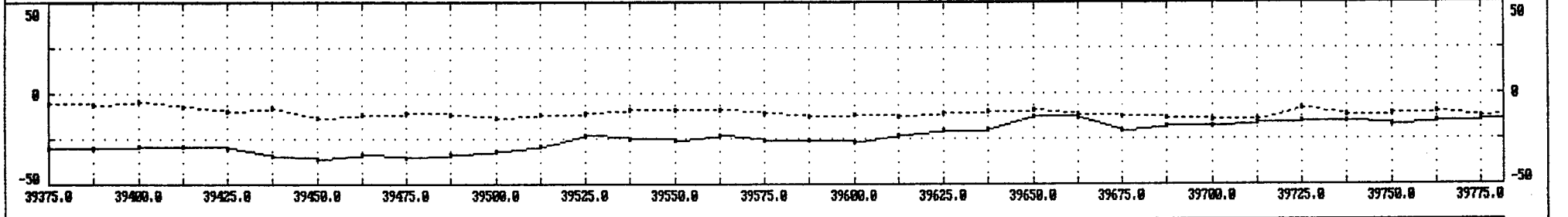
LINE 24200N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 24200N. 24.0 KHZ.

0%	-5.3	-5.9	-4.4	-6.9	-9.7	-7.8	-13.5	-11.0	-10.2	-11.1	-13.1	-11.6	-10.5	-8.4	-8.4	-9.1	-10.5	-12.3	-11.7	-12.1	-10.3	-9.3	-8.6	-11.0	-12.6	-12.8	-14.4	-14.4	-8.0	-11.4	-10.2	-9.6	-12.0	-9.4
1%	-30.1	-30.2	-29.1	-29.3	-29.8	-34.1	-36.0	-33.5	-35.0	-33.3	-31.7	-29.4	-22.8	-24.8	-25.5	-23.1	-25.8	-25.7	-26.2	-22.7	-19.8	-19.1	-12.5	-13.2	-20.0	-17.3	-17.4	-15.7	-15.0	-15.1	-16.4	-14.6	-14.4	-13.9
FRFLT	0.7	1.9	0.2	-5.5	-11.0	-5.6	1.6	1.2	3.5	7.2	12.8	13.5	1.9	-1.0	1.4	-2.9	-3.0	2.6	9.4	10.0	10.9	13.2	-1.6	-11.6	-1.5	4.2	4.0	3.0	-0.8	-0.9	2.5	2.7	0.4	1

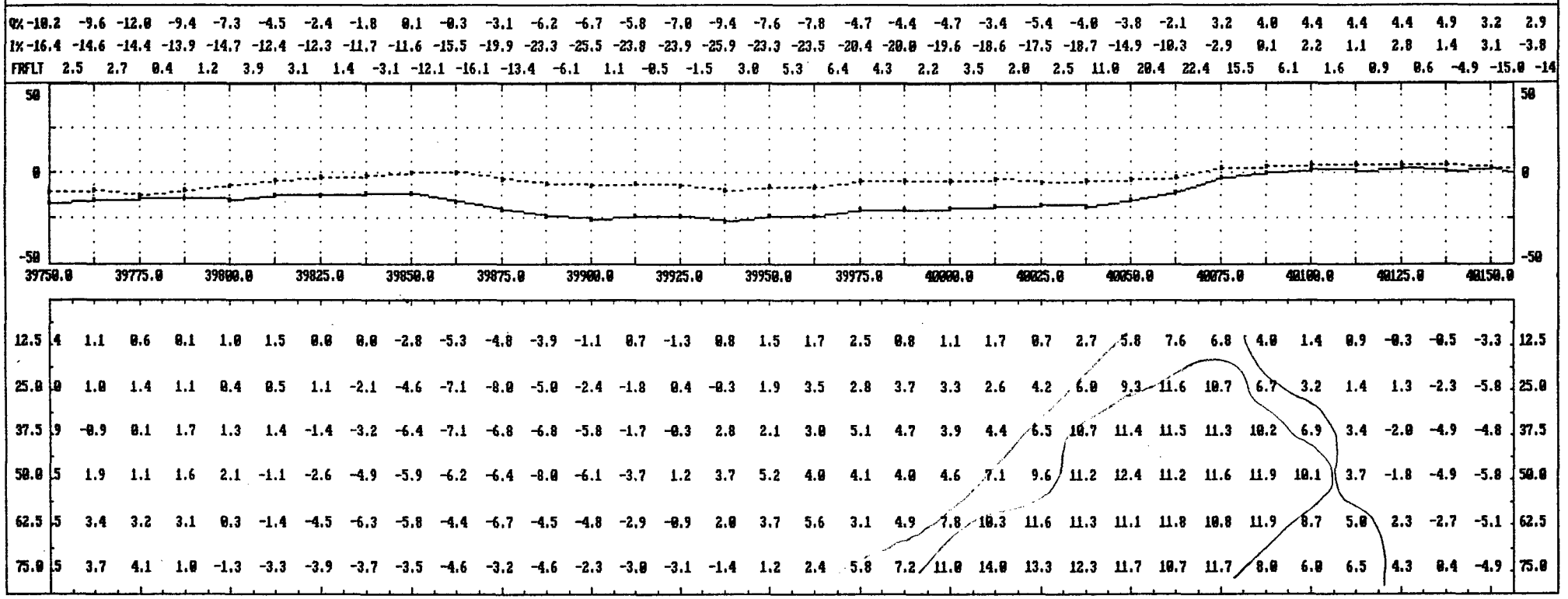


12.5	2	0.5	0.1	-0.8	-2.6	-3.8	0.2	0.3	0.3	3.0	2.4	5.5	3.3	-1.3	1.5	-0.5	-1.2	0.3	1.7	4.6	2.5	4.2	3.9	-4.1	-1.7	1.4	0.4	1.6	0.6	-0.5	0.4	1.1	0.6	12.5
25.0	3	0.4	0.1	-2.4	-3.8	-2.1	-2.0	1.0	2.4	2.4	6.6	5.0	3.9	4.2	-0.5	0.5	1.4	1.5	2.9	3.9	8.2	5.6	0.5	1.7	-2.0	-0.8	3.6	1.8	0.0	0.5	1.0	1.0	1.4	25.0
37.5	2	0.0	-2.0	-2.3	-1.1	-2.8	-2.0	-1.0	2.9	7.4	5.4	5.8	6.2	4.4	3.3	-1.1	1.7	4.0	3.9	8.7	8.0	3.7	3.4	1.9	2.3	-0.7	0.0	3.1	2.8	2.5	0.9	-0.9	0.1	37.5
50.0	6	-1.7	-2.7	-1.3	-2.7	-1.5	-1.3	0.4	4.8	6.0	7.5	7.1	5.6	4.7	2.9	3.9	2.3	4.2	8.4	6.7	4.9	6.1	6.1	5.2	3.1	2.9	-1.4	-0.6	3.3	1.7	1.5	1.9	1.1	50.0
62.5	4	-2.5	-2.2	-2.8	-1.3	0.0	1.4	5.2	4.1	3.0	7.0	6.4	4.8	5.5	6.9	7.1	6.3	6.2	6.9	3.6	4.6	6.3	7.3	8.0	5.4	2.5	2.4	-2.2	-1.2	2.7	2.5	3.4	3.2	62.5
75.0	6	-1.5	-1.5	-0.8	0.5	1.8	5.0	4.0	2.9	4.4	2.9	5.3	6.3	7.0	9.5	8.8	11.4	9.8	2.2	5.0	5.1	4.4	6.1	6.0	5.9	4.8	3.3	3.2	-0.7	0.9	4.5	3.7	4.1	75.0

deep conductor?

BIRK CREEK. VLF DATA,

LINE 24200N. 24.0 KHZ.

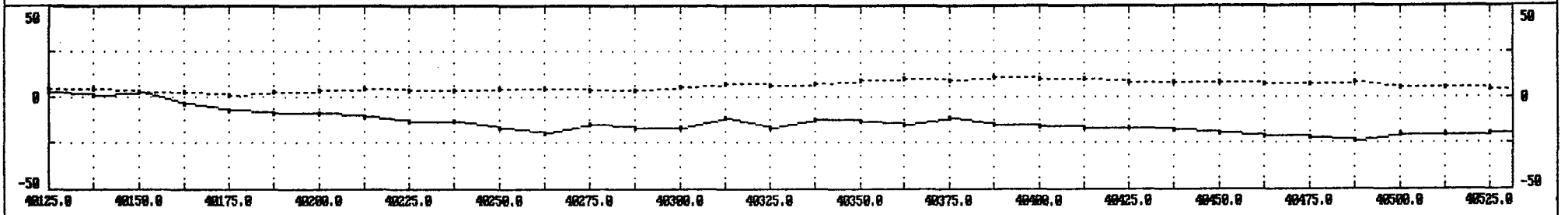


feature
correlates
to units on
246N, 244N

BIRK CREEK. VLF DATA,

LINE 24200N. 24.0 KHZ.

Q%	4.4	4.9	3.2	2.9	1.4	2.6	3.5	4.4	3.6	3.5	4.5	4.4	3.4	3.4	5.5	7.4	6.6	7.1	9.1	9.5	9.3	10.5	9.6	9.4	8.1	7.8	7.8	7.4	7.3	8.1	5.1	5.7	4.4	4.9
I%	2.8	1.4	3.1	-3.8	-6.7	-8.6	-8.9	-10.8	-13.5	-13.1	-17.8	-18.9	-15.2	-16.7	-16.2	-11.3	-16.9	-12.4	-13.3	-15.3	-11.4	-15.1	-15.9	-17.8	-16.4	-17.7	-19.8	-21.8	-22.8	-23.3	-20.2	-20.3	-19.1	-18.4
FRFLT	8.6	-4.9	-15.8	-14.6	-7.8	-4.4	-6.8	-6.9	-5.8	-9.3	-4.8	4.8	1.2	4.4	4.7	-1.8	2.5	8.7	-1.8	2.1	-4.3	-6.4	-2.4	-1.2	-3.3	-5.9	-6.3	-5.3	-8.5	4.8	4.1	3.8	3.5	4

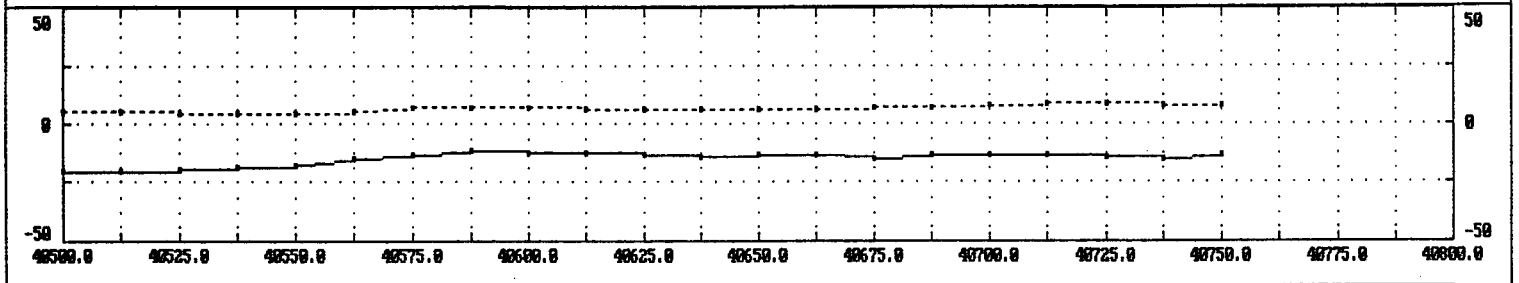


12.5	.3	-0.5	-3.3	-6.1	-3.2	-2.5	-1.8	-3.4	-1.9	-2.1	-3.8	0.9	1.4	-1.0	3.8	-0.5	-0.6	2.7	-2.3	1.3	-0.2	-2.7	-1.8	-0.9	-0.8	-1.8	-2.2	-1.7	-1.5	1.0	1.8	0.8	1.7	12.5
25.0	.3	-2.3	-5.8	-6.3	-7.7	-5.1	-4.5	-3.5	-6.0	-4.8	-1.6	-2.4	0.2	3.8	-1.0	2.0	1.5	-2.1	2.9	-1.3	-1.8	-1.6	-3.0	-2.2	-1.8	-2.3	-3.7	-3.3	-0.7	0.6	1.8	3.0	1.7	25.0
37.5	.0	-4.9	-4.8	-5.8	-6.4	-9.5	-5.3	-6.7	-6.0	-4.7	-4.4	-2.8	0.1	-0.6	2.7	0.4	0.0	2.0	-2.9	0.1	-2.9	-1.7	-1.4	-3.9	-3.6	-3.2	-3.4	-2.0	-1.0	-0.2	1.6	2.5	4.5	37.5
50.0	.8	-4.9	-5.8	-5.4	-8.4	-6.5	-10.0	-8.2	-4.5	-5.3	-5.0	-1.4	-3.6	-1.2	0.2	0.6	0.7	-0.3	-0.9	-4.0	0.1	-3.1	-3.0	-2.3	-5.6	-3.7	-1.7	-2.0	-1.0	-0.7	0.7	3.3	4.2	50.0
62.5	.3	-2.7	-5.1	-8.2	-7.4	-10.2	-10.2	-9.4	-6.1	-4.5	-1.4	-5.2	-1.9	-1.6	-3.2	1.3	0.5	-2.1	-1.2	-0.6	-4.1	-1.6	-4.7	-4.6	-4.3	-4.3	-2.6	-1.6	-0.5	-0.7	1.4	3.4	4.9	62.5
75.0	.3	0.4	-4.9	-6.7	-10.1	-10.9	-9.8	-9.6	-10.3	-3.6	-5.1	-1.5	-1.9	-2.4	0.8	-2.0	-0.5	0.3	-1.7	-1.3	-2.8	-6.0	-3.4	-6.9	-4.4	-3.3	-4.7	-1.8	-0.7	1.7	1.7	3.4	4.4	75.0

BIRK CREEK. VLF DATA,

LINE 24200N. 24.0 KHZ.

0%	5.1	5.7	4.4	4.9	4.9	5.4	7.6	7.0	7.5	6.5	6.1	6.0	6.0	6.1	7.5	6.8	7.8	8.6	9.1	8.4	8.4
1%	-20.2	-20.3	-19.1	-18.4	-17.5	-15.1	-13.5	-11.7	-12.0	-12.4	-12.7	-13.9	-12.8	-13.2	-15.2	-12.8	-13.1	-13.4	-13.8	-14.9	-13.3
FRFLT	4.1	3.0	3.5	4.9	7.3	7.4	4.9	0.8	-1.4	-2.2	-1.6	0.6	-1.7	-2.0	2.5	1.5	-1.3	-2.2	-1.0		

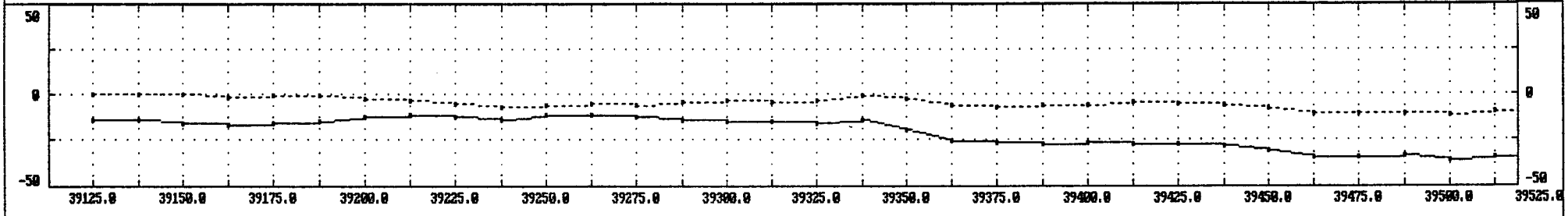


12.5	.8	0.8	1.7	1.3	2.4	2.6	2.2	1.2	-0.3	-0.2	-0.9	-0.3	0.5	-1.5	0.3	1.1	-0.6	-0.1	-0.8	0.3	1.2
25.0	.9	3.0	1.7	3.1	3.6	4.3	3.5	2.0	0.6	-0.0	0.1	-0.2	-1.4	0.3	-0.2	-0.1	0.8	-1.0	-0.2	0.4	1.0
37.5	.6	2.5	4.5	3.6	4.7	3.8	3.0	3.2	1.5	0.7	-0.6	-1.3	0.4	0.5	0.7	-0.4	-0.9	1.1	0.0	0.4	0.8
50.0	.7	3.3	4.2	6.5	4.5	4.3	3.5	2.2	2.0	1.5	-0.3	0.3	0.0	0.2	0.1	0.3	0.4	0.6	1.0	0.4	0.9
62.5	.4	3.4	4.9	5.3	6.1	3.7	3.5	3.4	2.9	1.3	1.5	0.6	-0.3	-0.2	-0.4	0.5	1.5	1.1	1.5	2.7	1.3
75.0	.7	3.4	4.4	4.5	5.5	5.1	4.1	4.2	1.9	3.1	2.5	1.0	0.0	-1.5	-0.2	0.5	1.1	2.2	1.6	2.2	3.4

BIRK CREEK. VLF DATA,

LINE 24400N. 24.0 KHZ.

Q%	0.3	0.5	0.0	-2.0	-0.7	-1.1	-2.4	-3.5	-4.9	-6.7	-6.3	-5.3	-6.1	-4.0	-3.7	-4.3	-3.7	-0.9	-2.6	-5.7	-7.1	-5.7	-6.1	-4.7	-5.4	-5.8	-7.6	-10.5	-10.7	-10.3	-11.1	-9.3	-8.4
I%	-13.0	-13.6	-15.4	-17.0	-15.6	-14.9	-11.8	-11.3	-12.3	-13.6	-11.7	-11.2	-12.4	-13.9	-15.0	-15.2	-15.6	-14.2	-19.2	-25.6	-26.4	-26.9	-26.7	-27.2	-26.8	-27.9	-30.4	-34.5	-33.9	-33.6	-36.1	-33.9	-32.9
FRFLT		-5.0	-3.6	1.9	5.9	7.4	3.1	-2.8	-1.7	3.0	1.7	-3.4	-5.3	-3.9	-1.9	0.4	-2.6	-15.0	-18.6	-8.5	-1.6	-0.6	-0.4	-0.8	-4.3	-10.2	-10.1	-2.6	-1.3	-2.5	2.9	5.9	5

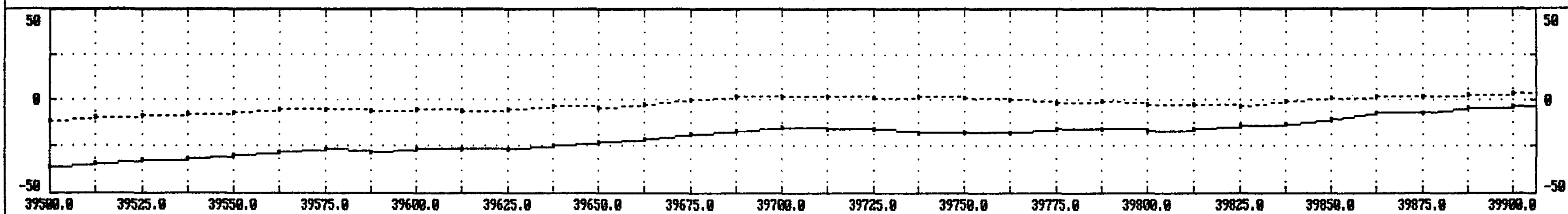


12.5	-0.5	-0.8	-2.0	0.2	1.2	2.1	2.2	0.0	-0.9	0.3	1.1	-0.7	-1.5	-1.6	-0.8	-1.0	-0.4	-2.6	-7.0	-4.4	-1.6	-0.8	-0.4	-0.4	-0.9	-2.3	-3.9	-2.6	0.2	-1.5	0.1	2.1	12.5
25.0	-0.4	-1.7	-0.8	-0.7	2.1	3.4	1.8	0.4	-0.1	0.2	0.1	0.1	-2.4	-3.7	-2.8	-0.7	-3.1	-6.7	-6.8	-7.8	-5.1	-2.1	-1.4	-2.0	-3.4	-4.5	-4.1	-3.2	-3.1	0.4	0.5	0.9	25.0
37.5	-1.1	-0.6	-0.6	1.5	1.4	1.7	1.8	2.0	1.9	-1.0	-2.7	-2.7	-1.5	-2.5	-2.1	-4.6	-7.4	-7.3	-7.8	-7.7	-8.7	-5.5	-2.3	-2.9	-4.9	-5.0	-4.7	-5.7	-3.5	-1.3	1.9	2.4	37.5
50.0	0.4	0.3	1.3	1.1	1.0	0.3	1.9	2.4	0.8	-0.7	-2.9	-3.1	-2.5	-1.1	-4.9	-8.9	-8.9	-8.4	-7.9	-7.7	-7.1	-8.3	-6.9	-5.7	-4.6	-4.2	-5.8	-4.7	-4.5	-2.8	0.0	3.7	50.0
62.5	1.1	2.3	2.3	0.9	-0.9	0.5	0.6	0.8	1.1	0.1	-0.6	-2.9	-3.0	-5.3	-8.2	-9.8	-9.8	-8.4	-7.6	-6.9	-7.1	-8.5	-11.9	-8.6	-4.9	-6.2	-4.7	-3.7	-2.6	-1.9	-0.5	2.1	62.5
75.0	3.0	2.3	1.2	0.0	0.6	0.3	0.4	-0.3	-0.2	0.2	-0.0	-0.4	-5.3	-9.0	-8.8	-8.1	-9.0	-9.5	-8.0	-8.0	-8.5	-10.7	-10.3	-10.9	-9.8	-4.8	-3.6	-2.1	-1.4	-0.6	0.0	-1.0	75.0

BIRK CREEK. VLF DATA,

LINE 24400N. 24.0 KHZ.

Q%	-11.1	-9.3	-8.4	-7.4	-7.2	-5.6	-5.3	-6.0	-5.4	-6.0	-5.2	-3.3	-4.6	-2.7	0.5	1.6	2.2	1.7	1.2	2.3	0.7	0.0	-1.3	-1.1	-2.2	-2.1	-3.0	-0.5	0.9	1.5	2.3	3.2	3.6	4.8
I%	-36.1	-33.9	-32.9	-31.2	-29.7	-28.5	-26.6	-28.5	-26.2	-25.9	-26.5	-24.7	-23.2	-21.1	-18.3	-17.0	-14.9	-16.0	-15.6	-17.7	-17.7	-17.2	-16.0	-15.7	-16.2	-15.5	-14.1	-12.8	-10.1	-7.2	-6.7	-4.6	-3.4	-0.9
FRFLT	2.9	5.9	5.9	5.9	5.8	3.1	0.4	3.0	2.3	0.9	4.5	6.9	8.5	9.0	7.5	4.4	0.3	-2.4	-3.8	-1.6	2.2	3.2	1.3	0.0	2.3	4.8	6.7	9.6	9.0	6.0	5.9	7.0	7.7	6



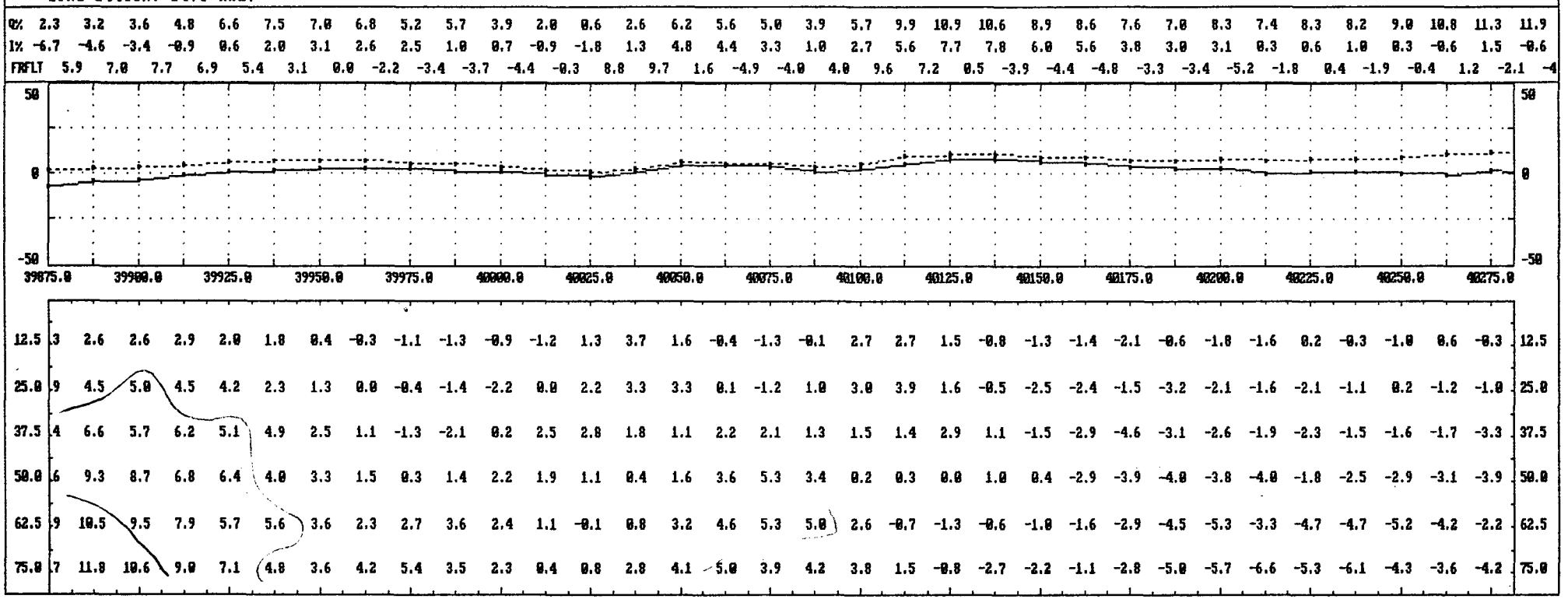
12.5	1	2.1	1.7	2.4	1.7	2.3	0.3	0.4	1.8	0.0	1.3	2.4	2.4	3.5	2.7	2.4	0.7	-0.3	-0.8	-1.2	0.3	0.8	1.0	0.2	0.4	1.6	2.0	2.7	3.8	2.5	2.3	2.6	2.6	12.5
25.0	5	0.9	3.6	3.6	3.7	2.0	2.9	2.4	1.2	3.1	2.7	3.3	5.1	4.8	4.9	3.3	2.3	0.3	-1.0	-0.2	0.3	1.5	1.2	1.6	1.5	2.4	4.3	5.7	5.1	5.5	4.9	4.5	5.0	25.0
37.5	9	2.4	2.9	5.2	3.3	4.5	4.0	3.0	3.1	3.2	4.9	5.2	5.8	7.3	5.7	4.8	2.6	1.0	0.8	0.7	1.7	1.1	2.6	3.0	3.6	4.1	5.8	6.3	7.2	7.0	7.4	6.6	5.7	37.5
50.0	0	3.7	4.9	3.7	6.3	4.8	3.8	3.7	3.7	4.9	5.5	7.5	7.7	6.8	7.4	5.0	4.5	3.7	2.6	2.5	0.8	2.0	2.9	4.7	6.3	7.1	6.4	6.9	7.5	8.6	8.6	9.3	8.7	50.0
62.5	5	2.1	3.0	4.3	4.6	5.6	5.2	5.4	5.8	6.5	6.6	7.2	8.2	7.5	6.5	7.2	6.5	6.1	5.2	3.2	2.8	2.3	3.8	4.8	7.5	7.8	8.4	8.2	9.5	10.7	10.9	10.5	9.5	62.5
75.0	0	-1.0	1.6	4.0	3.4	4.2	6.9	7.6	8.7	8.4	8.9	8.0	7.0	7.3	6.4	7.2	8.3	7.4	6.8	5.5	4.6	4.2	4.2	6.2	6.0	9.0	10.0	11.2	11.4	11.7	12.7	11.8	10.6	75.0

deep conductor? unexplained.

– note also present on L246N

BIRK CREEK. VLF DATA,

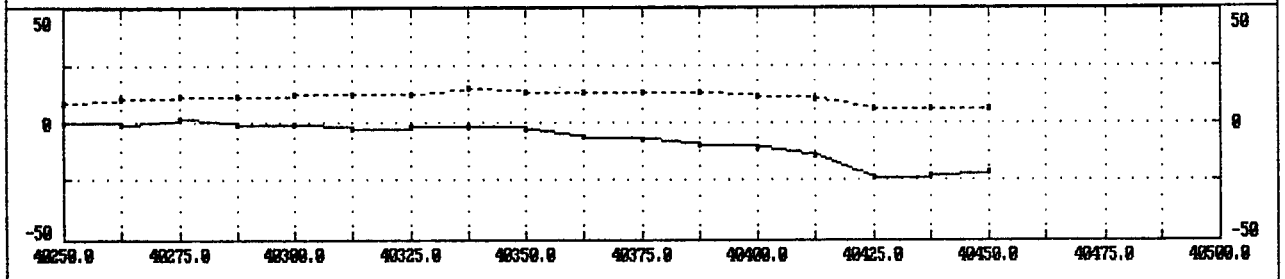
LINE 24400N. 24.0 KHZ.



BIRK CREEK. VLF DATA,

LINE 24400N. 24.0 KHZ.

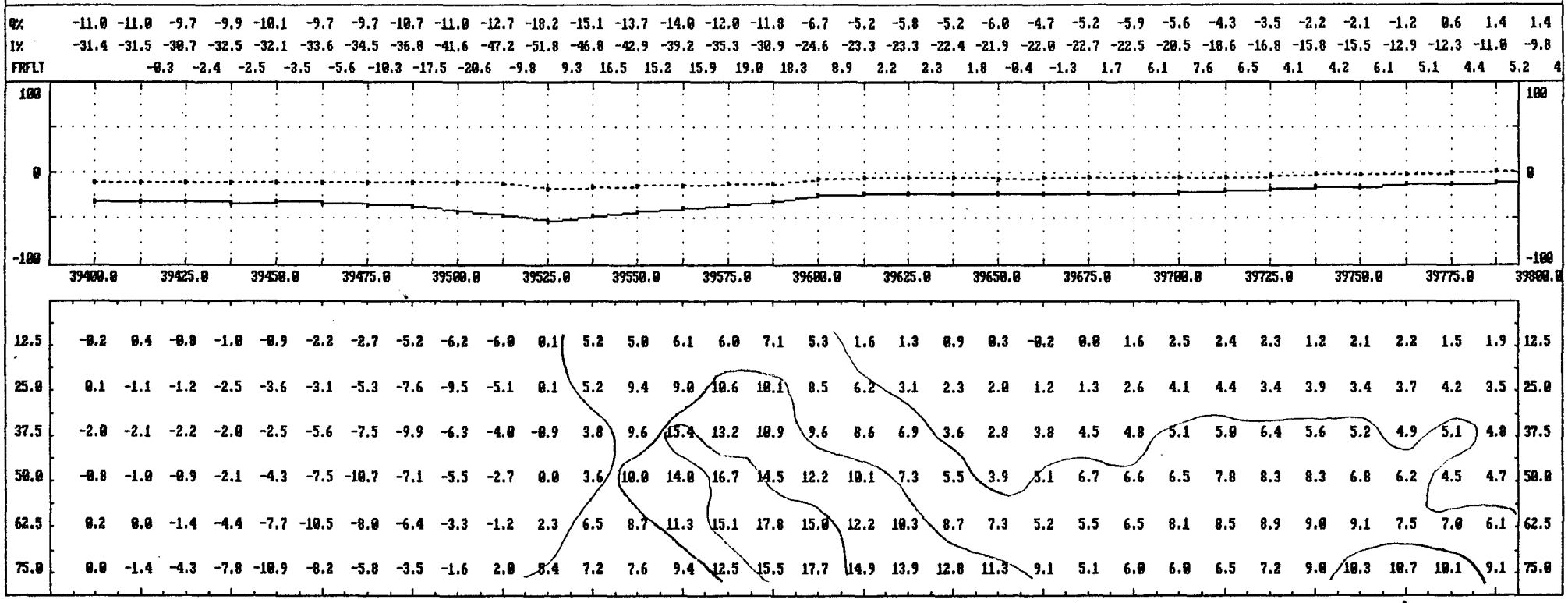
Q%	9.0	10.8	11.3	11.9	12.6	12.2	12.9	14.9	13.7	13.2	13.1	13.5	11.8	10.8	6.6	6.2	6.3
I%	0.3	-0.6	1.5	-0.6	-0.6	-2.8	-1.8	-1.3	-2.8	-5.7	-6.8	-9.4	-10.7	-14.2	-23.3	-23.0	-20.7
FRFLT	-0.4	1.2	-2.1	-4.3	-3.4	0.3	0.5	-5.4	-8.4	-7.7	-7.6	-8.7	-17.4	-21.4	-6.2		



12.5	0	0.6	-0.3	-1.3	-1.1	-1.1	0.5	-1.0	-2.8	-2.7	-2.9	-3.8	-3.5	-7.7	-5.5	0.8	0.3
25.0	2	-1.2	-1.0	-1.7	-2.4	-1.2	-1.9	-2.5	-4.7	-6.2	-5.2	-5.3	-10.2	-8.0	-6.7	-4.7	0.2
37.5	6	-1.7	-3.3	-2.3	-1.7	-4.5	-4.6	-4.8	-4.5	-5.9	-8.2	-12.8	-10.7	-8.8	-7.4	-7.1	-5.4
50.0	9	-3.1	-3.9	-3.7	-3.6	-4.7	-5.8	-6.0	-7.0	-7.5	-13.1	-13.3	-11.2	-9.7	-9.4	-7.9	-7.4
62.5	2	-4.2	-2.2	-3.2	-4.9	-5.5	-6.6	-8.5	-9.2	-14.1	-12.7	-12.0	-12.1	-11.5	-10.1	-9.7	-8.3
75.0	3	-3.6	-4.2	-4.2	-5.2	-6.7	-7.3	-9.1	-15.6	-14.5	-13.0	-11.8	-12.4	-12.8	-12.0	-10.4	-10.0

BIRK CREEK. VLF DATA,

LINE 24600N. 24.0 KHZ.



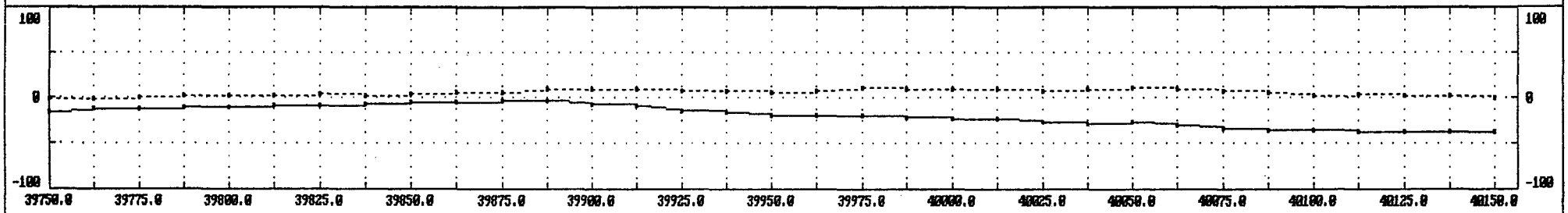
↑ sedimentr intolded ?

↑ deep conductor ?

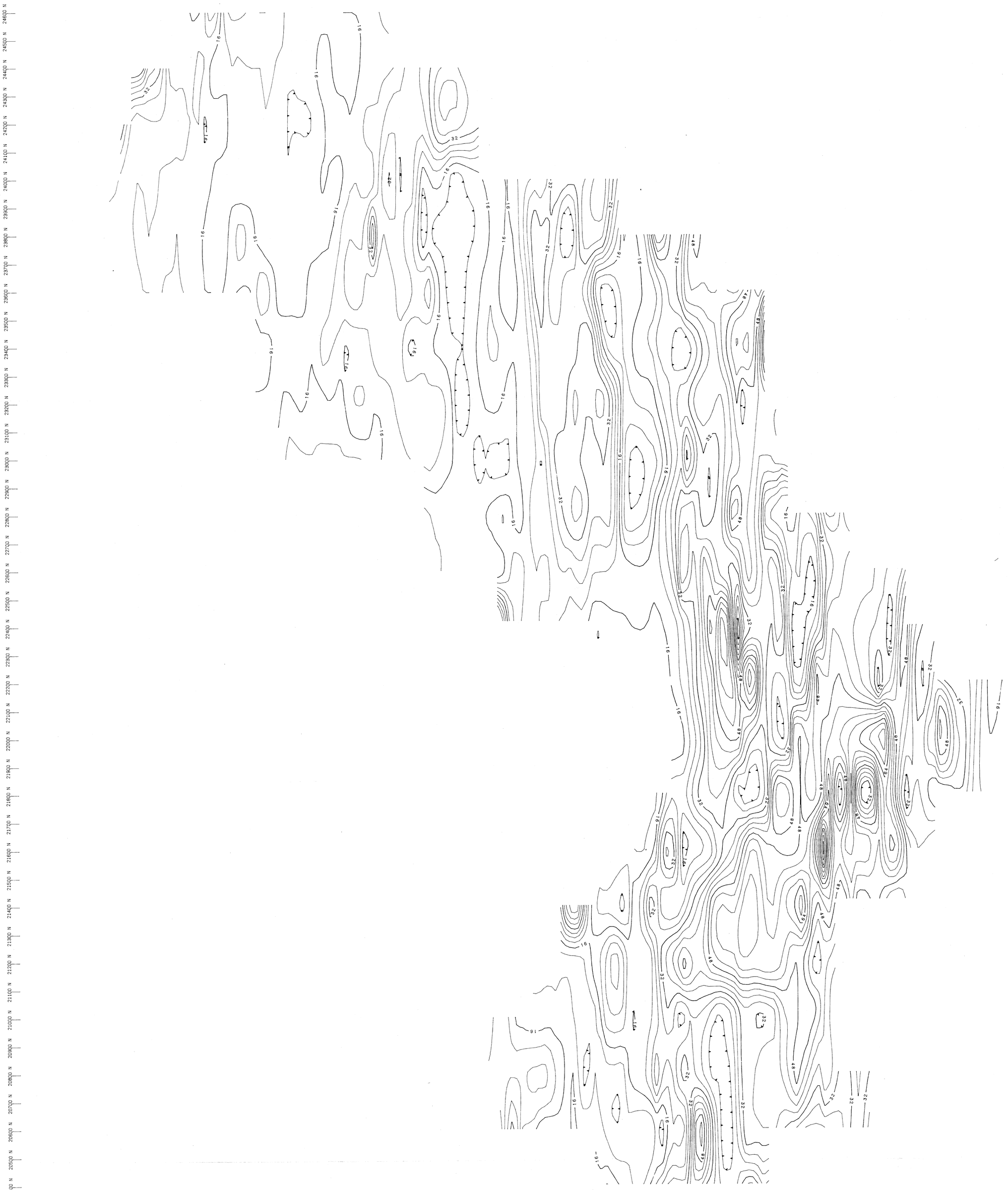
BIRK CREEK. VLF DATA,

LINE 24600N. 24.0 KHZ.

Q%	-2.1	-1.2	0.6	1.4	1.4	2.0	3.7	2.6	3.9	5.1	6.1	8.5	9.8	9.0	7.8	6.8	5.8	7.8	10.4	9.3	9.0	8.3	7.9	9.9	10.0	9.0	7.0	4.7	2.7	3.4	2.0	1.2	0.1
I%	-15.5	-12.9	-12.3	-11.0	-9.8	-8.3	-8.3	-6.7	-5.4	-4.5	-2.8	-4.1	-6.8	-8.9	-14.7	-16.0	-18.3	-18.5	-19.8	-20.2	-22.4	-23.4	-26.0	-27.6	-26.2	-30.4	-33.1	-34.2	-35.5	-36.7	-36.4	-36.5	-36.1
FRFLT	6.1	5.1	4.4	5.2	4.2	3.1	4.5	5.1	4.8	3.0	-3.6	-8.8	-12.7	-15.0	-10.7	-6.1	-4.0	-3.2	-4.3	-5.8	-6.8	-7.8	-4.4	-3.0	-9.7	-10.7	-6.2	-4.9	-3.4	-0.7	0.5		



12.5	.1	2.2	1.5	1.9	1.9	1.3	1.3	2.1	1.3	1.5	0.1	-2.9	-3.2	-5.3	-4.8	-2.8	-2.3	-1.4	-1.5	-2.0	-2.4	-2.2	-3.2	-0.8	-2.3	-4.5	-2.5	-2.0	-1.8	-0.7	0.0	0.1	0.4	12.5
25.0	.4	3.7	4.2	3.5	3.1	3.1	2.8	2.1	2.7	1.0	-1.3	-3.0	-7.1	-7.2	-7.2	-6.4	-4.3	-3.9	-3.6	-4.3	-4.9	-5.3	-3.1	-5.0	-4.9	-4.6	-6.0	-4.3	-2.3	-1.8	-1.1	0.1	0.2	25.0
37.5	.2	4.9	5.1	4.8	4.0	3.8	3.4	3.5	2.2	0.7	-1.5	-5.6	-7.0	-9.6	-9.0	-8.0	-7.4	-5.8	-6.0	-6.4	-7.3	-5.5	-7.5	-7.1	-7.1	-6.1	-6.0	-6.6	-4.4	-2.5	-1.6	-0.7	0.1	37.5
50.0	.8	6.2	4.5	4.7	5.2	4.5	5.5	4.1	1.7	-0.5	-4.1	-5.9	-7.6	-8.7	-10.6	-10.2	-10.1	-9.5	-7.4	-7.8	-5.9	-8.2	-9.5	-9.8	-9.2	-9.1	-6.9	-6.0	-6.4	-4.0	-2.4	-1.7	-0.5	50.0
62.5	.1	7.5	7.0	6.1	6.2	6.8	4.7	2.7	0.8	-2.8	-4.7	-6.3	-7.4	-9.0	-10.0	-11.8	-11.8	-11.6	-11.3	-7.2	-8.9	-9.1	-10.0	-10.2	-11.1	-9.9	-9.4	-7.5	-6.3	-6.4	-3.9	-2.1	-1.5	62.5
75.0	.3	10.7	10.1	9.1	8.6	6.7	4.5	1.4	-2.2	-3.7	-5.6	-6.5	-7.2	-8.0	-9.9	-11.0	-13.4	-13.5	-11.2	-12.6	-10.8	-10.8	-10.2	-11.0	-10.2	-10.4	-9.4	-8.8	-7.6	-6.4	-6.9	-4.2	-2.1	75.0



PART 2 OF 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,363

FALCONBRIDGE LTD

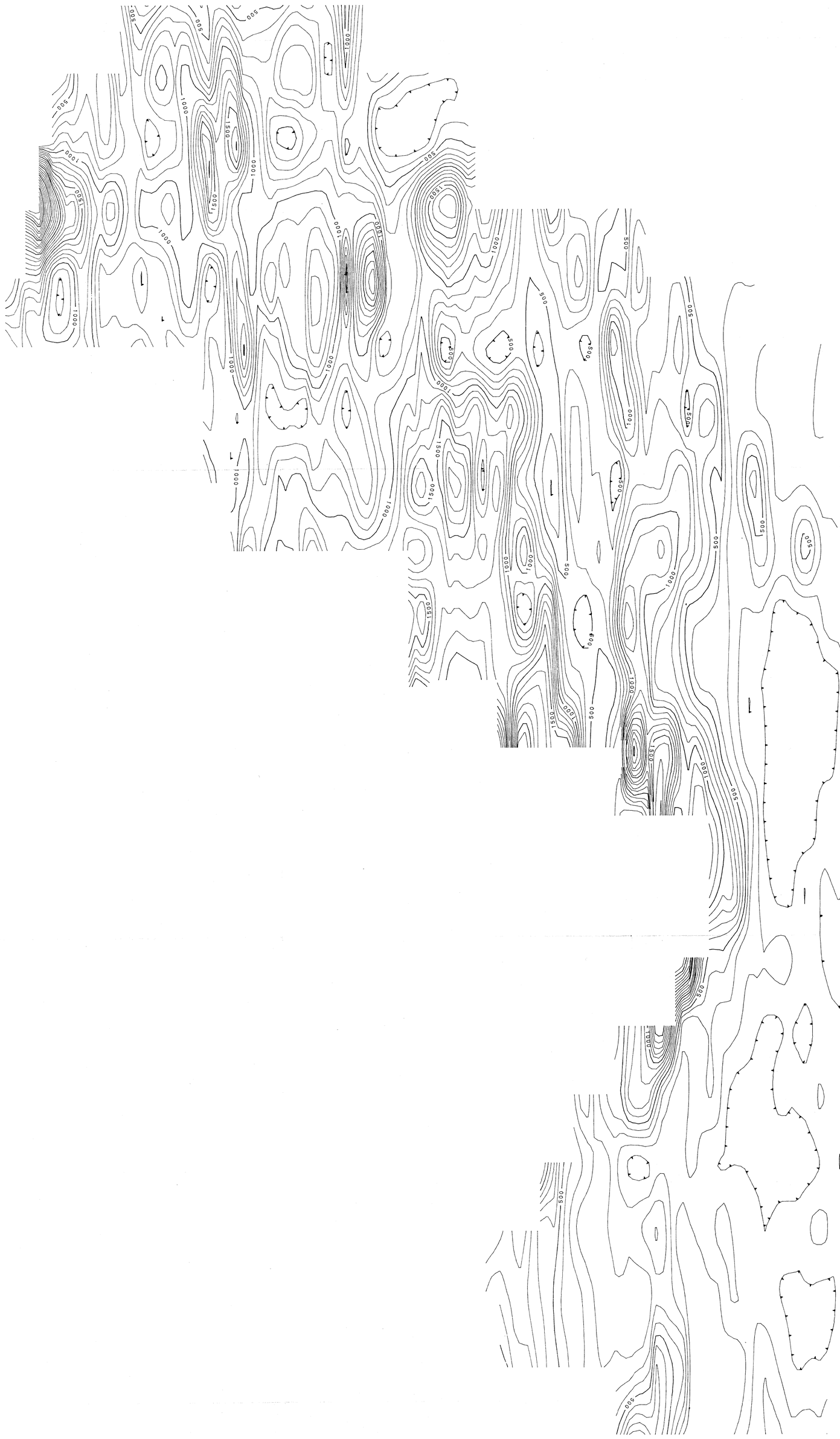
BIRK CREEK PROJECT
INDUCED POLARIZATION SURVEY
CHARGEABILITY PLAN
Gradient array, AB=1200m, MN=50m

contour interval 4 ms

SCALE 1:5000

DELTA GEOSCIENCE LTD

Fig. 4



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,363
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FALCONBRIDGE LTD

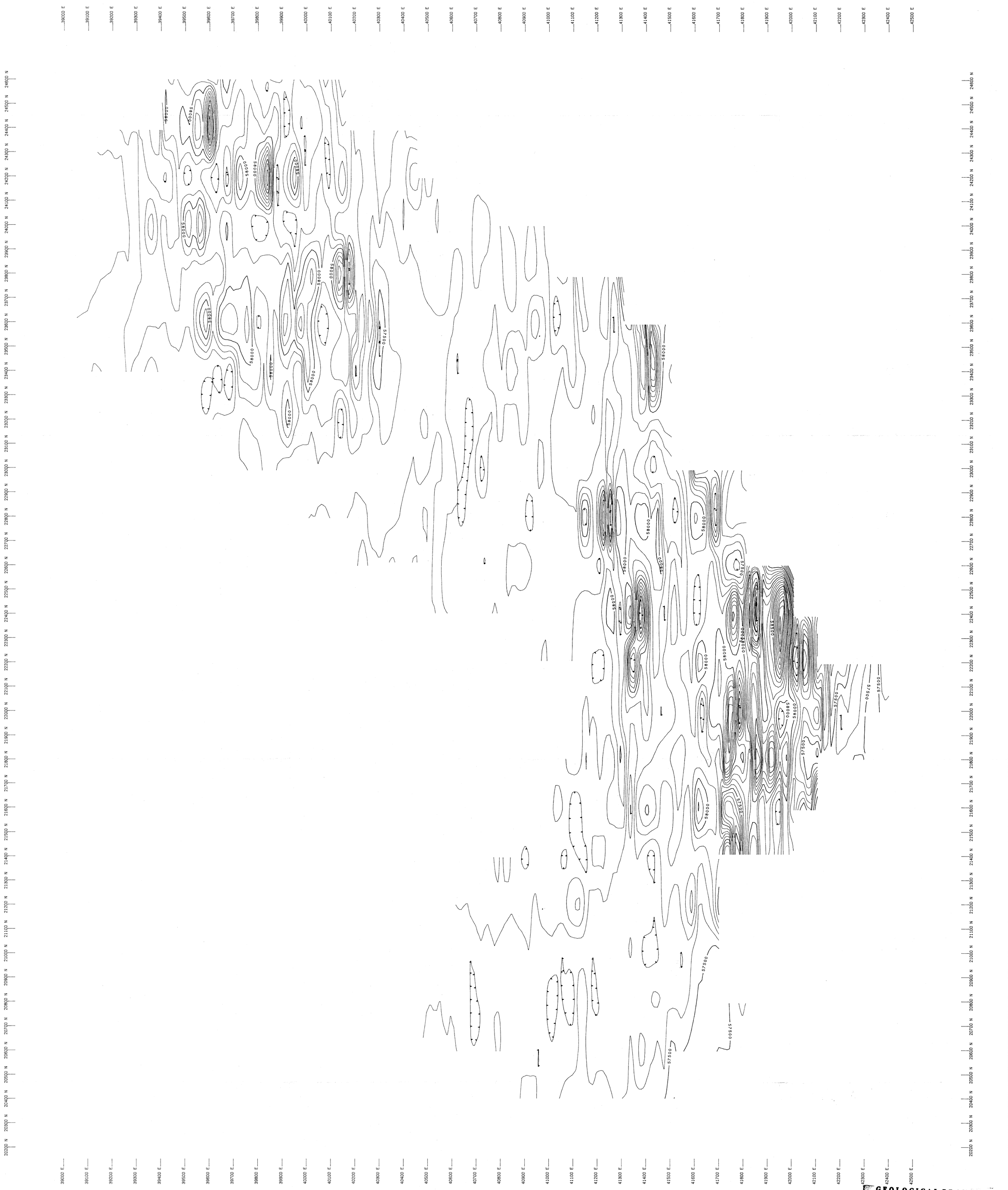
BIRK CREEK PROJECT
INDUCED POLARIZATION SURVEY
RESISTIVITY PLAN
Gradient array, AB=1200m, MN=50m

contour interval 100 ohm-m

SCALE 1:5000

DELTA GEOSCIENCE LTD

FIG. 5



GEOLOGICAL BRANCH
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FALCONBRIDGE LTD

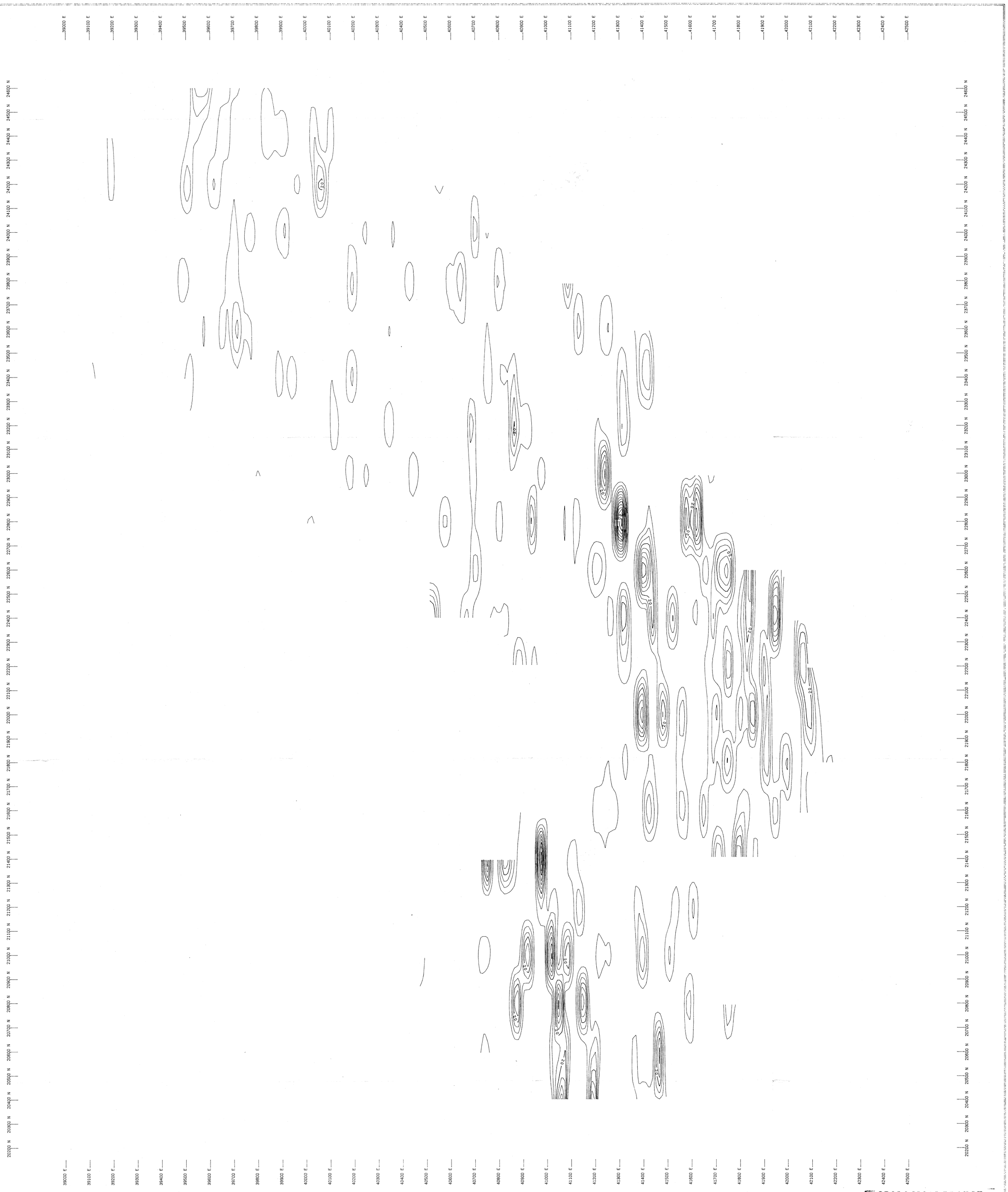
BIRK CREEK PROJECT
TOTAL FIELD MAGNETIC SURVEY

contour interval 100 nt

SCALE 1:5000

DELTA GEOSCIENCE LTD

Fig 6



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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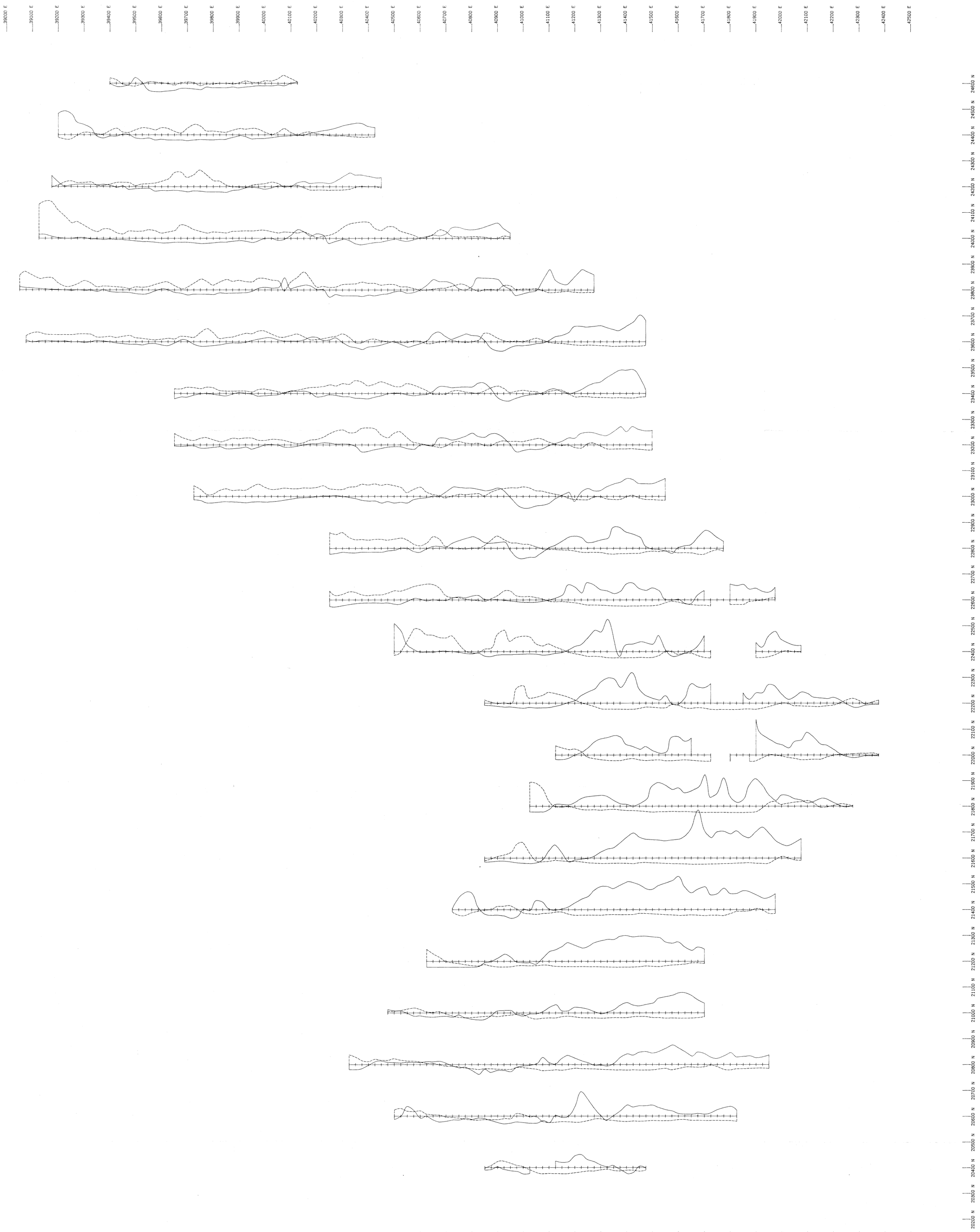
FALCONBRIDGE LTD

BIRK CREEK PROJECT
VLF SURVEY, NAA, 24.0 khz
FILTERED VLF PLAN, (Fraser)

contour interval 5 %

SCALE 1:5000

DELTA GEOSCIENCE LTD FIG. 7



Inclination: 76 Deg
Declination: 23 Deg E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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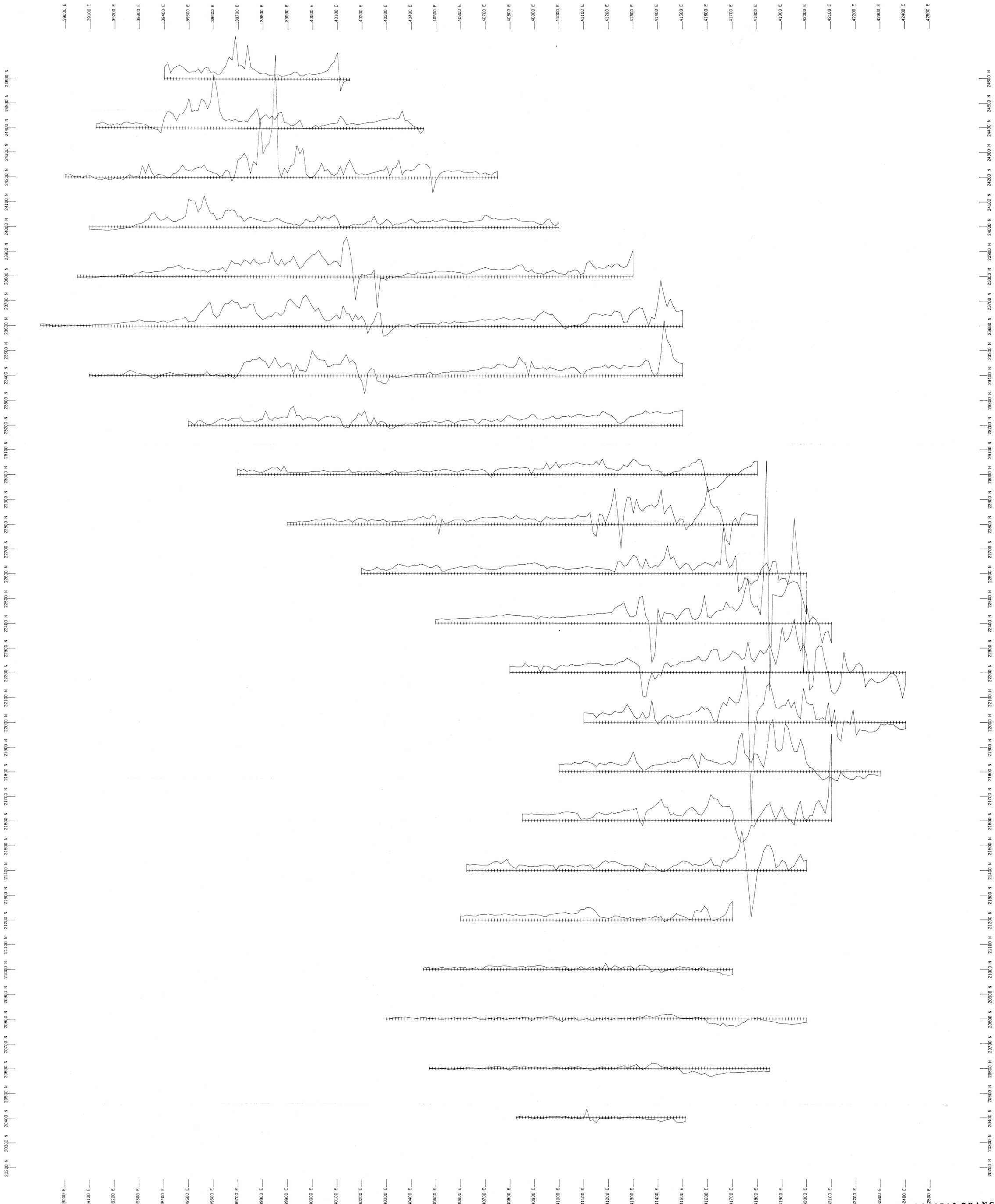
FALCONBRIDGE LTD

BIRK CREEK PROJECT
INDUCED POLARIZATION SURVEY
CHARGEABILITY & RESISTIVITY PROFILES
Gradient array, AB=1200m, MN=50m

Charg. solid line @ 1cm=20ms, base 20ms
Resist. dashed line @ 1cm=1000 ohm-m, base 500
SCALE 1:5000

DELTA GEOSCIENCE LTD



Inclination: 76 Deg
Declination: 23 Deg E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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FALCONBRIDGE LTD

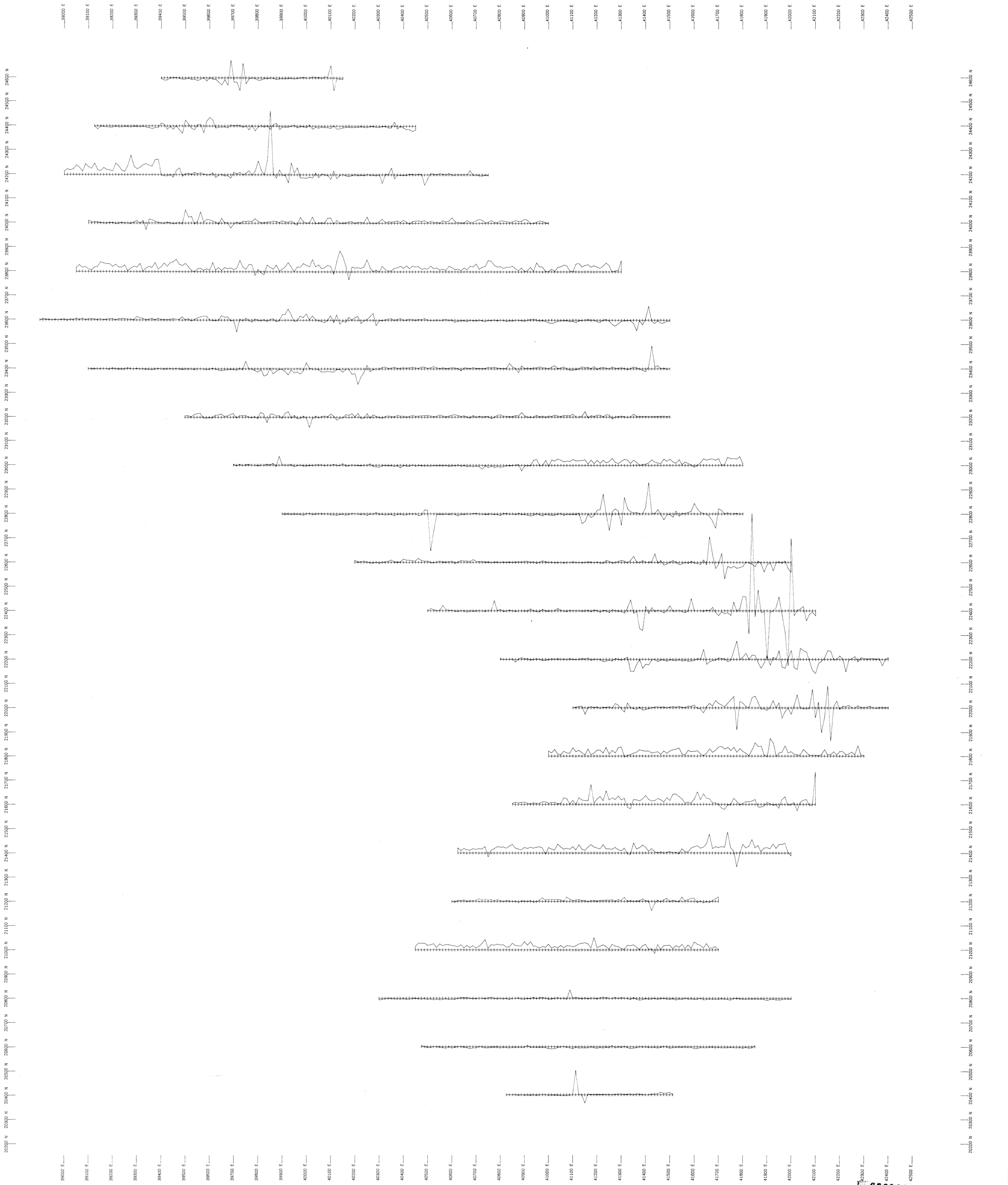
BIRK CREEK PROJECT
TOTAL FIELD MAGNETIC SURVEY
PROFILES

1 cm =300 nt, base 57600 nt

SCALE 1:5000

DELTA GEOSCIENCE LTD

FIG. 9



Inclination: 78 Deg
Declination: 23 Deg E

GEOLOGICAL BRANCH
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FALCONBRIDGE LTD

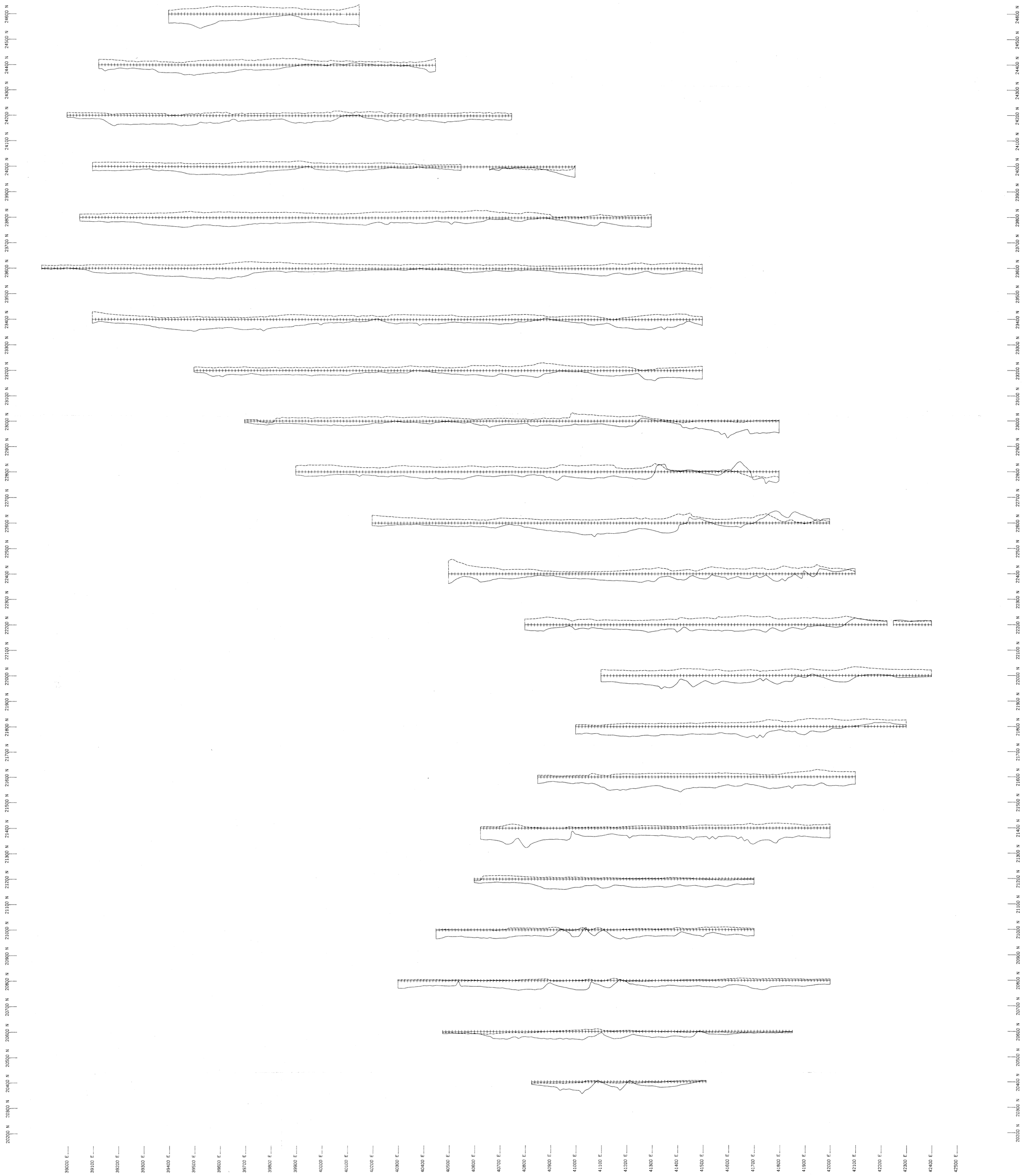
BIRK CREEK PROJECT
MAGNETIC GRADIOMETER SURVEY
Vertical gradient profiles

1 cm =200 nt/m, base 0 nt/m

SCALE 1:5000

DELTA GEOSCIENCE LTD

Fig. 10



Inclination: 76 Deg
Declination: 23 Deg E

GEOLOGICAL BRANCH
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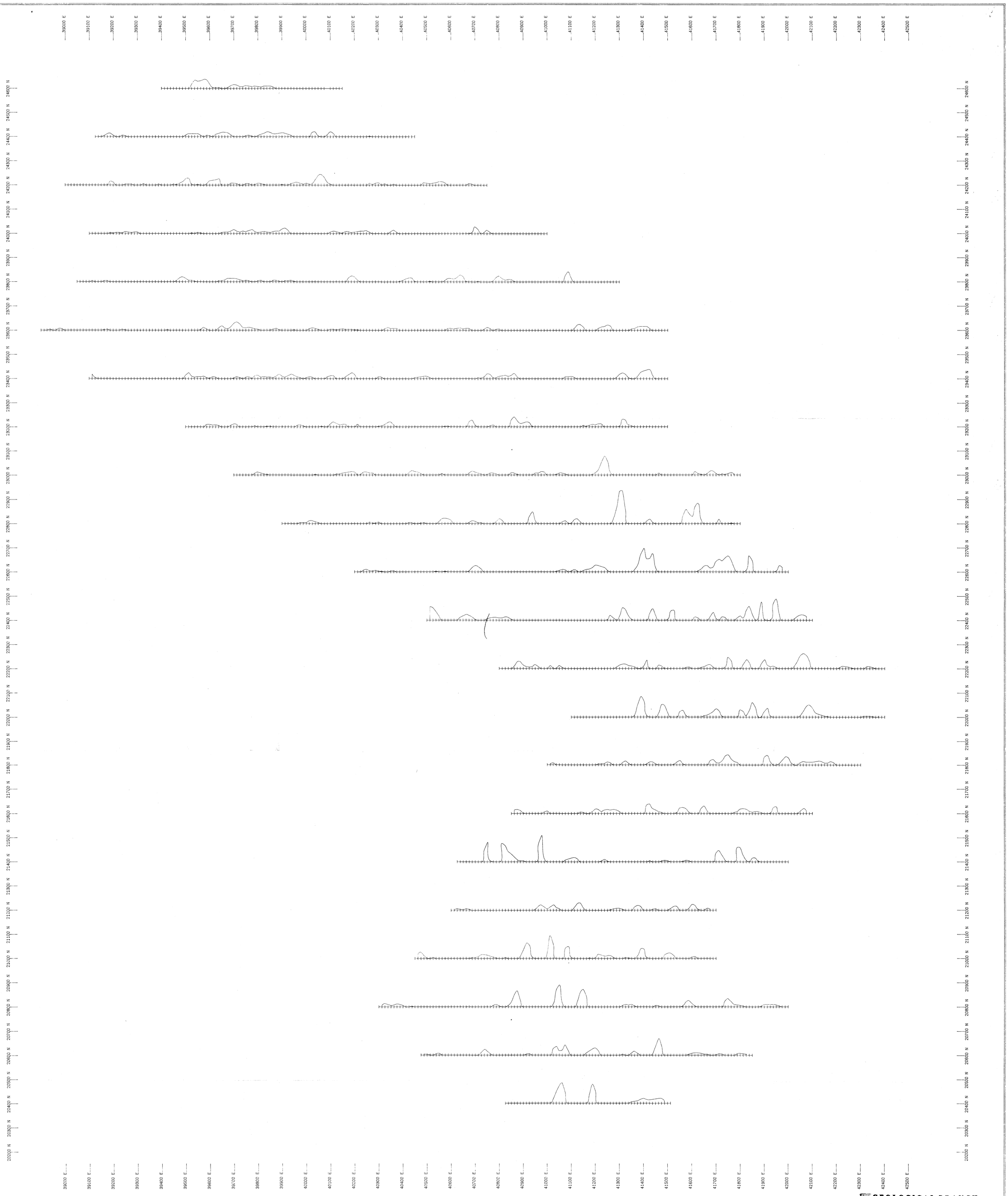
FALCONBRIDGE LTD

BIRK CREEK PROJECT
VLF SURVEY, NAA, 24.0 khz
TILT ANGLE & HORIZONTAL FIELD STRENGTH PROFILES

tilt angle solid line @ 1cm=25%, base 0
horiz. field dashed line @ 1cm=5, base 5
SCALE 1:5000

DELTA GEOSCIENCE LTD



Inclination: 76 Deg
Declination: 23 Deg E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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FALCONBRIDGE LTD

BIRK CREEK PROJECT
VLF-EM SURVEY
FILTERED VLF PROFILES, (Fraser)
Station NAA, 24.0 khz

1 cm = 25%, base 0

SCALE 1:5000

DELTA GEOSCIENCE LTD

FIG.12