84-#97 - 12017

Geological, Geochemical

and

Geophysical Assessment Report

on the

BOMBINI MINERAL PROPERTY
Pat Group
(Keno Extension, Evening Star
Joe 1-10, Pat 1-6, Sibley
Keno, Orphir)
Greenwood Mining Division

N.T.S. 82E/2

Latitude 49°04' Longitude 118°35'

Field work from May-November, 1983

on behalf of

GRANBY RESOURCES LIMITED

by

Donald F. Penner
January, 1984

GEOLOGICAL BRANCH
ASSESSMENT REPORT
12,017

TABLE OF CONTENTS

FIGURES

APPENDICES

INTRODUCTION

Pursuant to an agreement dated August 15, 1983, Granby Resources Limited acquired an option on the Bombini property in the Greenwood Mining district. There are 21 claims in the group consisting of two crown grants, one mineral lease and eighteen mineral claims. There are numerous mineral occurrences on the property and its long history of exploration and development provided encouragement for Granby Resources Limited to carry out further work.

During the period of May to October 1983, Granby carried out a program of property work consisting of line cutting, soil sampling, electromagnetic and magnetometer surveys. Several anomalies were outlined and these will be discussed in detail further in this report.

The crew varied in size from two to six people. All work was supervised by Donald Penner of Granby Resources Limited.

SUMMARY AND CONCLUSIONS

Work on the Bombini property was done by Granby Resources Limited from May to November, 1983. Grassroots exploration delineated several areas of interest as shown by the magnetometer survey and gold soil geochemistry.

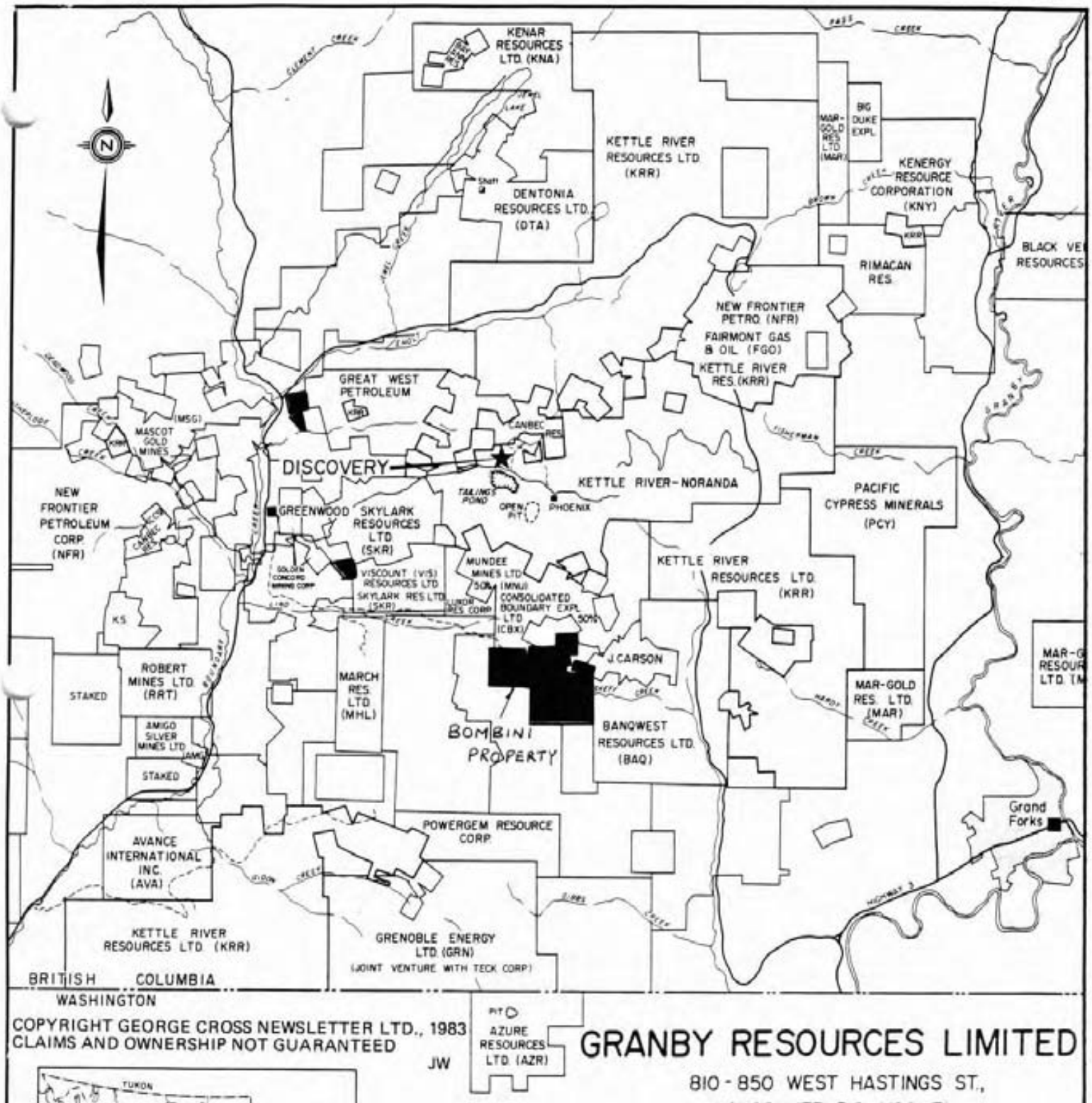
Not all work intended for the 1983 field season had been completed due to the onset of winter conditions. Six lines of E.M. on the southern portion of the claim block remain to be done. This must be completed and further detailed follow-up work on the anomalous zones must be done in 1984.

Government geology maps show that the claim area is underlain by rocks similar to those from nearby areas that host precious metal and sulphide mineralization. There are numerous mineralized showings on the property and more detailed prospecting and mapping must be done to find other similar occurences.

LOCATION AND ACCESS

The Bombini property is located approximately 4½ miles southeast of Greenwood, B. C. at an elevation of 4,500 ft. Access is by good gravel road from Greenwood via the Phoenix road. (Fig. 1).

Vegetation consists of Parkland forest with Pine, Larch and Cedar predominant. Much of the property has thick second growth underbrush of cedar and willow. The property is on a divide with Lind Creek draining west and Skeff Creek draining east. Relief is moderate and drainage good.



COPYRIGHT GEORGE CROSS NEWSLETTER LTD., 1983
CLAIMS AND OWNERSHIP NOT GUARANTEED

JW

CLAIM and LOCATION MAP

FIG. 1

GRANBY RESOURCES LIMITED

810 - 850 WEST HASTINGS ST.,
VANCOUVER, B.C., V6C 1E1
TEL. (604)685-0022

GREENWOOD B.C. MINING CLAIMS INCLUDING RECENT STAKING

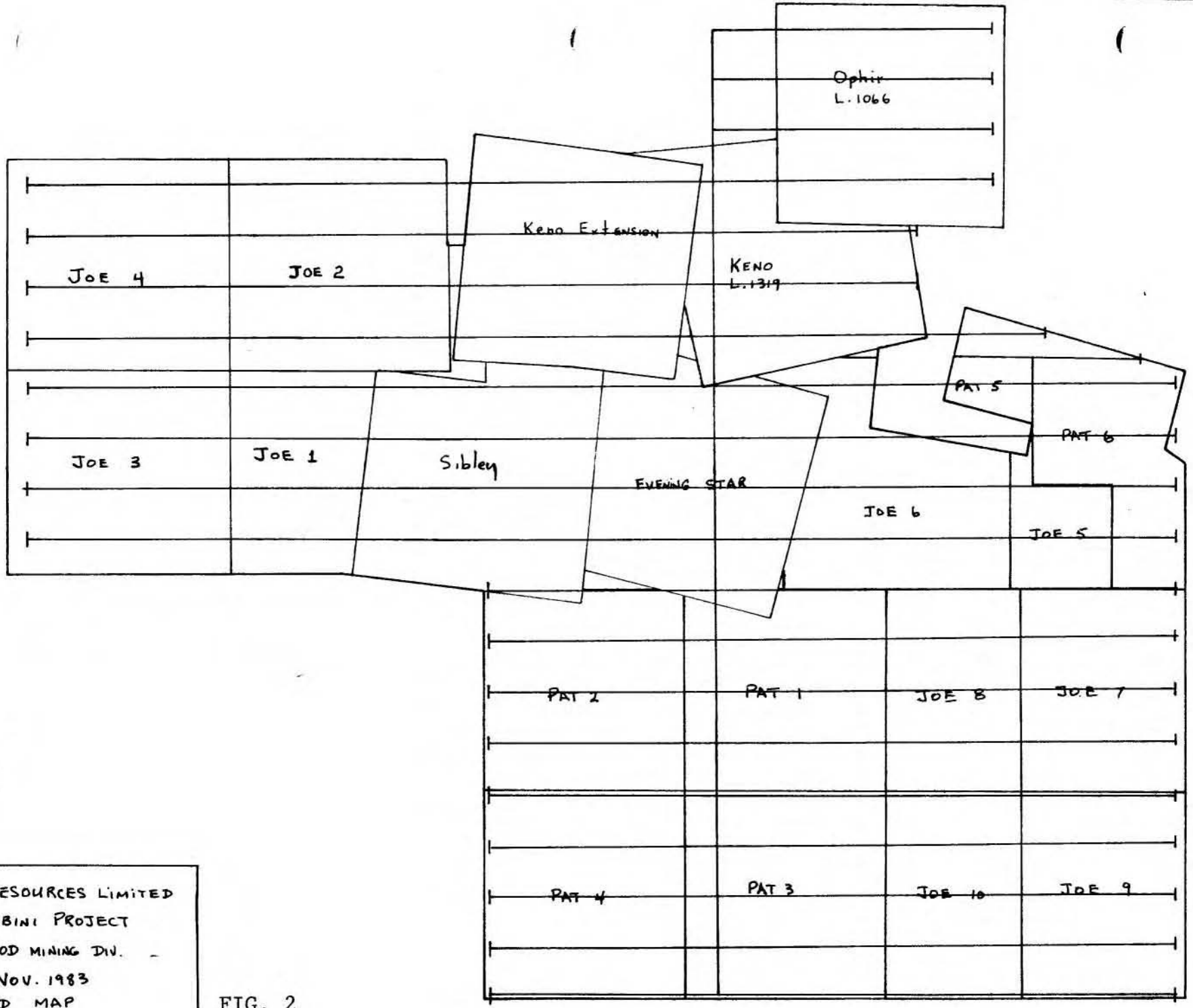
GREENWOOD MINING DIVISION

BRITISH COLUMBIA

KILOMETRES 0 1 2 4 6 KILOMETRES

MILES 0 1/2 1 2 3 4 MILES

AUGUST 25, 1983



GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
GRID MAP

SCALE 1:10,000 METERS

FIG. 2

CLAIM INFORMATION

Claim Name	Record No.	Expiry date*
Pat 1	1551	May 28, 1985
Pat 2	1552	May 28, 1984
Pat 3	1553	May 28, 1984
Pat 4	1554	May 28, 1984
Pat 5	1555	May 28, 1984
Pat 6	1556	May 28, 1984
Joe 1	2000	January 21, 1984
Joe 2	2001	January 21, 1984
Joe 3	2002	January 21, 1984
Joe 4	2003	January 21, 1984
Joe 5	2006	January 21, 1984
Joe 6	2007	January 21, 1984
Joe 7	2008	January 21,1984
Joe 8	2009	January 21, 1984
Joe 9	2004	January 21, 1984
Joe 10	2005	January 21, 1984
Sibley	1423	February 27, 1985
Keno Extension	12626	July 11, 1984
Evening Star	M-284	July 21, 1984
Keno	L 1066	taxes to be paid
Orphir	L 1319	taxes to be paid

*Note: Before Assessment Credit applied for.

The claims (Fig. 2) are grouped to the Pat Group under grouping notice number N/G 1514.

All claims are held in the name of Donald Samuel Bombini of Princeton, B. C. and Rose G. MacDonald of Penticton, B. C. Pursuant to an agreement dated August 15, 1983, they have optioned the claims to Granby Resources Limited.

GEOLOGY

The Bombini property is underlain by conglomerate, tuffaceous sediments, minor limestone and fine grained volcanic breccias of Triassic age intruded by a succession of grantic rocks ranging in age from that of the Lower Cretaceous Nelson intrusions to the Paleocene Coryell intrusions. There is an extensive development of skarn in the area, chiefly epidote-garnet-calcite, which appears to have been derived both from the tuffaceous rocks and the older intrusive rocks.

Most mineralization is chalcopyrite and pyrite associated with the skarns although magnetite and pyrrhotite are also reported in the area. Quartz veins with associated gold and silver values are also present.

These veins are prominent on the Keno and Ophir crown grants where they have been exposed for several hundred feet on surface. They strike northwest-southeast and north-south where they are exposed by trenching and are several feet thick in places.

DESCRIPTION OF WORK

1. Linecutting

A program of line cutting was carried out on the property to establish a control grid for the various surveys done. A baseline was cut running north-south through the central portion of the claim group. Trees and brush were cut and slashed for approximately two meters wide along its 1,900 meter length and stations were marked every 50 meters. Grid lines were run perpendicular to the base-line every 100 meters and stations marked every 50 meters. The lines were chained with a nylon survey chain and slope corrected for topography. A plan of the grid is shown on Fig. 2 showing its relation to the claims. In total, 28 kilometers of line was cut.

The grid was set up in such a fashion to most effectively cover the claim block and to have the lines running perpendicular to the regional trend of geologic structures in the area.

2. Geochemical Survey

Soil samples were taken every 50 meters along the grid lines and wherever possible, soil was taken from the "B" horizon. A total of 611 soil samples were taken, all of which were analyzed for Copper, Silver and Gold by Vangeochem Labs of North Vancouver, B. C.

3. Magnetometer Survey

Magnetometer readings were taken at 50 meter stations on the grid lines with a McPhar M-700 fluxgate (vertical field) magnetometer. (See appendix for instrument specifications)

Grid station 5000E; 5000N was used as a base station to check for diurnal variations. The diurnal variations were negligable so the readings were not corrected before plotting them on the base map.

4. Electromagnetic Survey

The E.M. survey was conducted using a Phoenix VLF-2 Electromagnetic instrument. (See appendix for instrument specifications) Readings were taken every

50 meters along the grid lines, receiving low frequency navigational signals transmitted from U.S. Naval bases in Seattle, Washington (24.8 khz) and Anapolis, Maryland (21.4 khz).

Dip Angle readings and field strength were recorded for both frequencies. Line plots were then made, showing the variation in dip angle and field strength along the line caused by conductors and other factors.

RESULTS

The results of the soil geochemistry and magnetometer surveys are plotted on 1:500 scale base maps. This facifitates survey correlation of anomalous zones. The VLF results are done on page size line plots.

The magnetometer results show a pronounced west-northwest to east-southeast trend which most likely defines a major rock type contact on the northern protion of the grid.

The gold geochemistry map shows a prominent N-S trending anomaly on the western part of the grid. To the north of that there are several irregularily shaped anomalies that roughly coincide with the contact outlined by the magnetometer survey. The silver geochemistry shows no readings that are anomalous and copper geochemistry shows spotty anomalous zones that appear to be randomly distributed and are small and weak.

The results of the VLF survey are pages 47 to 59 There are numerous cross-overs which indicate the presence of buried conductors.

RECOMMENDATIONS

It is recommended that:

1. Geological mapping be done in detail covering the entire grid area. This will possibly elucidate the trend shown by the magnetometer and gold geochemistry on the northern part of the grid.

2. The VLF E.M. program be completed and more detail done where crossovers occur. The southern portion of the grid was not completed due to the onset of winter conditions.

3. Pulse E.M. be considered over the VLF anomalies. This is a more definative follow-up program and a few test lines should be run over the most prominent anomalies.

4. A program of trenching be carried out over the gold geochemistry anomalies to test the bedrock for mineralization.

5. A short program of drilling (1500') be carried out subject to completion of the above recommendations and obtaining favourable results from those programs.

ASSESSMENT COSTS

PERSONNEL

Field man,	
Sept. 21-30, 9 days @ 125/day	$ 1,125 00
Oct. 2 - 10, 7 days @ $125/day	875.00
Oct. 25 - Nov. 1, 7 days @ $125/day	875.00
Field man,	
Sept. 21-30, 9 days @ $125/day	1,125.00
Oct. 2-10, 7 days @ $125/day	875.00
Oct. 25 - Nov. 1 4 days @ $125/day	500.00
Field man,	
Sept. 21-30, 9 days @ $125/day	1,125.00
Oct. 1-4, 3 days @ $125/day	375.00
Field man,	
Sept. 21-30 8 days @ $125/day	1,000.00
Oct. 1-4 2 days @ $125/day	250.00
Field man,	
May 18-21 3 days @ $65/day	195.00
Geologist,	
May 18 - November 1	
19½ days @ $150/day	2,925.00
Consultant	
various days throughout the project	
10 days @ $250/day	2,500.00

FIELD EXPENSES

Room & Board	$1,186.03	
Supplies	338.69	
EM rental		
19 days @ $20/day	380.00	
Geochem	4,943.00	
Vehicle	2,070.94	8,918.66

REPORT EXPENSE

Geologist, 1½ days @ $150/day	225.00
Drafting, 33hrs @ $18/hr	594.00
Typing, 4 hrs @ $15/hr	60.00
Repro. coll., binding etc.	200.00
	$23,742.66

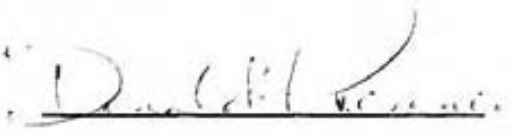
CERTIFICATE

I, Donald F. Penner of 102-2145 York Avenue, Vancouver, B. C. V6K 1C4 certify that:

1. I graduated from the University of British Columbia in 1976 with a Bachelor of Science degree in geological science.

2. I have worked with numerous mining and exploration companies as a student since 1969 in various capacities and more recently with Prism Resources Limited from 1977-1982 as a geologist.

3. I personaly supervised the work outlined and am the author of this report and all the information contained herein is true to the best of my knowledge.



Donald F. Penner

APPENDIX I

ASSAY DATA

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Ave.
North Vancouver B.C. V7P 2S3
(604)986-5211 Telex: 04-352578

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: GRANBY RESOURCES LTD.
ADDRESS: 810 - 850 W Hastings Street
: Vancouver B. C.
: V6C 1E1

DATE: December 8 1983
REPORT#: 83-36-009

PROJECT#: BOMBINI
COPY SENT TO: GRANBY RESOURCES LTD.
SAMPLES ARRIVED: November 1 1983
REPORT COMPLETED: December 7 1983
ANALYSED FOR: Cu Ag Au

JOB#: 83468
INVOICE#: 7690
TOTAL SAMPLES: 458
SAMPLE TYPE: 458 SOIL
REJECTS: DISCARDED

PREPARED FOR: MR. DON PENNER

ANALYSED BY: VGC STAFF

SIGNED:

GENERAL REMARK: None

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-35-009 JOB NUMBER: 83468

COPY

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L5600N 5000E	31	.6	15
L5600N 5050E	63	.4	10
L5600N 5100E	45	.2	10
L5600N 5150E	34	.7	5
L5600N 5200E	48	.9	5
L5600N 5250E	15	.2	nd
L5600N 5300E	41	.3	10
L5600N 5350E	27	.2	nd
L5600N 5400E	65	nd	5
L5500N 5000E	31	.1	5
L5500N 5050E	42	.4	15
L5500N 5100E	51	.2	5
L5500N 5150E	53	nd	nd
L5500N 5200E	32	nd	nd
L5500N 5250E	44	.2	5
L5500N 5300E	66	1.4	15
L5500N 5350E	68	.6	nd
L5500N 5400E	24	.3	5
L5500N 5450E	41	.4	15
L5400N 5000E	53	nd	20
L5400N 5050E	38	.2	nd
L5400N 5100E	59	.2	10
L5400N 5150E	78	.4	5
L5400N 5200E	92	.6	15
L5400N 5250E	80	.1	5
L5400N 5300E	81	.2	nd
L5400N 5350E	51	.5	15
L5400N 5400E	42	.7	nd
L5400N 5450E	36	.2	nd
L5400N 5500E	37	.5	nd
L5300N 3650E	19	.3	nd
L5300N 3700E	20	nd	10
L5300N 3750E	88	.2	5
L5300N 3800E	36	.2	15
L5300N 3850E	32	.2	5
L5300N 3900E	19	nd	10
L5300N 3950E	30	nd	30
L5300N 4000E	41	.5	20
L5300N 4050E	73	nd	10
DETECTION LIMIT	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L5300N 4100E	48	.6	nd
L5300N 4150E	63	.3	5
L5300N 4200E	44	.1	10
L5300N 4250E	49	.1	10
L5300N 4300E	61	.2	10
L5300N 4350E	26	.4	15
L5300N 4400E	44	.4	nd
L5300N 4450E	39	.2	5
L5300N 4500E	56	.2	nd
L5300N 4550E	128	.3	10
L5300N 4600E	36	.2	15
L5300N 4650E	51	.6	nd
L5300N 4700E	57	.4	5
L5300N 4750E	36	.6	30
L5300N 4800E	95	.6	nd
L5300N 4850E	33	.7	10
L5300N 4900E	37	.2	20
L5300N 4950E	31	.2	10
L5300N 5000E	49	nd	5
L5300N 5050E	30	.4	5
L5300N 5100E	31	.3	10
L5300N 5150E	41	.2	5
L5300N 5200E	73	.1	5
L5300N 5250E	68	.2	5
L5300N 5300E	49	.3	5
L5300N 5350E	74	.2	5
L5300N 5400E	58	.3	5
L5300N 5450E	68	.4	5
L5300N 5500E	55	.3	25
L5200N 3750E	21	.2	nd
L5200N 3800E	13	.1	20
L5200N 3850E	36	.4	5
L5200N 3900E	30	nd	25
L5200N 3950E	18	.3	nd
L5200N 4000E	19	.3	5
L5200N 4050E	56	.6	10
L5200N 4100E	32	.5	20
L5200N 4150E	45	.2	nd
L5200N 4200E	54	.4	15
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient samole

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L5200N 4250E	44	.3	10
L5200N 4300E	47	.2	nd
L5200N 4350E	45	.4	5
L5200N 4400E	43	.3	nd
L5200N 4450E	24	.3	20
L5200N 4500E	25	.2	15
L5200N 4550E	25	.3	nd
L5200N 4600E	35	.4	nd
L5200N 4650E	79	.6	15
L5200N 4700E	59	.3	5
L5200N 4750E	44	.5	nd
L5200N 4800E	23	.3	nd
L5200N 4850E	30	.4	15
L5200N 4900E	15	.2	nd
L5200N 4950E	42	.3	nd
L5200N 5000E	29	.1	20
L5200N 5050E	44	.3	25
L5200N 5100E	20	.1	25
L5200N 5150E	20	.3	15
L5200N 5200E	23	.2	5
L5200N 5250E	36	.2	5
L5200N 5300E	32	nd	nd
L5200N 5350E	53	.5	10
L5200N 5400E	60	1.5	nd
L5100N 3650E	19	.2	5
L5100N 3700E	65	.6	5
L5100N 3750E	56	.4	15
L5100N 3800E	38	.2	15
L5100N 3810E	33	nd	10
L5100N 3850E	31	.4	nd
L5100N 3900E	23	.2	5
L5100N 3950E	19	.2	15
L5100N 4000E	26	.2	nd
L5100N 4050E	22	.3	nd
L5100N 4100E	23	.3	5
L5100N 4150E	37	.1	5
L5100N 4200E	44	.3	nd
L5100N 4250E	56	.1	10
L5100N 4300E	49	.1	5
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L5100N 4350E	46	.2	15
L5100N 4400E	48	.2	5
L5100N 4450E	35	.5	5
L5100N 4500E	54	.3	15
L5100N 4550E	43	.2	20
L5100N 4600E	45	.4	15
L5100N 4650E	31	.2	25
L5100N 4700E	38	.1	10
L5100N 4750E	30	.2	nd
L5100N 4800E	27	.3	15
L5100N 4850E	27	.4	15
L5100N 4900E	148	.2	5
L5100N 4950E	55	.9	20
L5100N 5000E	35	.2	15
L5100N 5050E	46	.1	15
L5100N 5100E	48	.3	15
L5100N 5150E	48	.5	15
L5100N 5200E	98	1.4	15
L5100N 5250E	69	nd	5
L5100N 5300E	59	.2	20
L5100N 5350E	23	nd	5
L5100N 5400E	40	.3	nd
L5000N 3650E	19	.1	nd
L5000N 3700E	36	.3	10
L5000N 3750E	19	.1	5
L5000N 3800E	34	.4	nd
L5000N 3850E	37	.3	20
L5000N 3900E	33	.2	15
L5000N 3950E	30	.2	15
L5000N 4000E	69	.6	15
L5000N 4050E	35	.3	15
L5000N 4100E	38	.4	15
L5000N 4150E	87	.3	nd
L5000N 4200E	69	.2	nd
L5000N 4250E	29	.3	15
L5000N 4300E	23	.4	15
L5000N 4350E	43	.3	20
L5000N 4400E	55	.2	15
L5000N 4450E	50	.2	5
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L5000N 4500E	46	.2	15
L5000N 4550E	44	.3	20
L5000N 4600E	71	.2	5
L5000N 4650E	60	.1	10
L5000N 4700E	49	.1	5
L5000N 4750E	56	.3	5
L5000N 4800E	64	.2	20
L5000N 4850E	106	.5	10
L5000N 4950E	35	.2	5
L5000N 5000E	84	.1	10
L5000N 5050E	53	nd	5
L5000N 5100E	58	.2	nd
L5000N 5150E	61	.3	nd
L5000N 5200E	83	.3	30
L5000N 5250E	44	.3	nd
L5000N 5300E	112	nd	10
L5000N 5350E	128	.1	10
L5000N 5400E	—	—	—
L5000N 5450E	—	—	—
L5000N 5500E	—	—	—
L5000N 5550E	—	—	—
L5000N 5600E	—	—	—
L5000N 5650E	—	—	—
L4900N 3650E	23	.9	nd
L4900N 3700E	49	.7	15
L4900N 3750E	41	.6	15
L4900N 3800E	26	.4	5
L4900N 3850E	14	.2	nd
L4900N 3900E	56	.7	10
L4900N 3950E	15	.2	5
L4900N 4000E	17	nd	10
L4900N 4050E	68	.5	5
L4900N 4100E	19	.2	5
L4900N 4150E	63	.4	5
L4900N 4200E	39	.2	10
L4900N 4250E	49	.4	5
L4900N 4300E	36	.1	10
L4900N 4350E	69	nd	5
L4900N 4400E	36	.1	5
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4900N 4450E	35	nd	5
L4900N 4500E	21	.1	10
L4900N 4550E	39	.1	10
L4900N 4600E	31	.1	5
L4900N 4650E	37	.1	5
L4900N 4700E	30	.1	5
L4900N 4750E	29	nd	10
L4900N 4800E	61	.3	10
L4900N 4850E	61	.1	5
L4900N 4900E	49	.2	10
L4900N 4950E	86	.2	25
L4900N 5000E	353	.2	15
L4900N 5050E	61	.2	10
L4900N 5100E	64	.1	5
L4900N 5150E	84	.3	15
L4900N 5200E	106	nd	nd
L4900N 5250E	74	.5	10
L4900N 5300E	46	.2	10
L4900N 5350E	32	.2	15
L4900N 5400E	45	.2	10
L4900N 5450E	89	nd	15
L4900N 5500E	82	nd	35
L4900N 5550E	50	.1	15
L4900N 5600E	46	.4	10
L4900N 5650E	44	.2	10
L4900N 5700E	49	.1	5
L4900N 5750E	95	.2	5
L4900N 5800E	66	.3	5
L4900N 5850E	68	.3	10
L4900N 5900E	47	.4	nd
L4800N 3650E	25	.2	5
L4800N 3700E	17	.2	nd
L4800N 3750E	18	.7	10
L4800N 3800E	21	.2	5
L4800N 3850E	58	.7	nd
L4800N 3900E	41	.7	5
L4800N 3950E	26	.1	nd
L4800N 4000E	69	.4	10
L4800N 4050E	16	.2	5
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4800N 4100E	25	.3	10
L4800N 4150E	61	.5	5
L4800N 4200E	37	.8	15
L4800N 4250E	21	.2	5
L4800N 4300E	25	.2	nd
L4800N 4350E	26	.6	10
L4800N 4400E	39	.6	10
L4800N 4450E	44	.4	25
L4800N 4500E	37	nd	20
L4800N 4550E	34	nd	10
L4800N 4600E	61	nd	25
L4800N 4650E	76	.1	40
L4800N 4700E	41	.3	10
L4800N 4750E	70	.2	5
L4800N 4800E	42	.1	nd
L4800N 4850E	114	.2	20
L4800N 4900E	49	.2	10
L4800N 4950E	42	.1	5
L4800N 5000E	358	.4	10
L4800N 5050E	28	.1	5
L4800N 5100E	64	nd	15
L4800N 5150E	38	nd	10
L4800N 5200E	41	.2	30
L4800N 5250E	30	nd	10
L4800N 5300E	38	.1	nd
L4800N 5350E	59	nd	nd
L4800N 5400E	49	.2	10
L4800N 5450E	71	nd	nd
L4800N 5500E	46	.1	10
L4800N 5550E	65	.2	15
L4800N 5600E	74	.1	10
L4800N 5650E	25	.2	5
L4800N 5700E	—	—	—
L4800N 5750E	—	—	—
L4800N 5800E	—	—	—
L4800N 5850E	—	—	—
L4800N 5900E	—	—	—
L4700N 3650E	26	.2	10
L4700N 3700E	19	.1	10
DETECTION LIMIT	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468 PAGE 8 OF 12

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4700N 3750E	21	.2	5
L4700N 3800E	35	.3	5
L4700N 3850E	13	nd	nd
L4700N 3900E	54	.3	nd
L4700N 3950E	31	.2	5
L4700N 4000E	25	.3	15
L4700N 4050E	105	.5	5
L4700N 4100E	19	.9	5
L4700N 4150E	63	.8	10
L4700N 4200E	18	.2	10
L4700N 4250E	11	.3	10
L4700N 4300E	16	.2	15
L4700N 4350E	14	.1	5
L4700N 4400E	23	.2	5
L4700N 4450E	15	nd	nd
L4700N 4500E	31	nd	10
L4700N 4550E	60	.4	10
L4700N 4600E	61	.2	10
L4700N 4650E	65	1.0	5
L4700N 4700E	60	.4	20
L4700N 4750E	39	.1	15
L4700N 4800E	31	.2	30
L4700N 4850E	26	.4	5
L4700N 4900E	41	.3	nd
L4700N 4950E	48	.3	nd
L4700N 5000E	—	—	—
L4700N 5050E	80	.3	5
L4700N 5100E	32	.1	40
L4700N 5150E	33	.2	5
L4700N 5200E	52	.1	20
L4700N 5250E	44	.2	20
L4700N 5300E	29	.1	25
L4700N 5350E	48	nd	15
L4700N 5400E	42	nd	10
L4700N 5450E	60	.3	35
L4700N 5500E	66	.2	5
L4700N 5550E	51	.3	10
L4700N 5600E	88	.2	10
L4700N 5650E	107	.2	10
DETECTION LIMIT	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4700N 5700E	68	.3	10
L4700N 5750E	--	--	--
L4700N 5800E	--	--	--
L4700N 5850E	--	--	--
L4700N 5900E	--	--	--
L4600N 3650E	17	.1	5
L4600N 3700E	15	nd	nd
L4600N 3750E	35	.2	20
L4600N 3800E	19	.4	15
L4600N 3850E	10	nd	10
L4600N 3900E	6	.1	5
L4600N 3950E	10	nd	10
L4600N 4000E	11	.2	5
L4600N 4050E	12	.2	25
L4600N 4100E	8	nd	10
L4600N 4150E	16	.5	5
L4600N 4200E	12	.3	10
L4600N 4250E	10	.1	10
L4600N 4300E	27	.7	10
L4600N 4350E	19	.2	10
L4600N 4400E	23	.1	10
L4600N 4450E	19	.2	nd
L4600N 4500E	13	.2	nd
L4600N 4550E	15	.3	15
L4600N 4600E	15	.2	5
L4600N 4650E	95	.6	5
L4600N 4700E	35	.3	nd
L4600N 4750E	26	1.5	10
L4600N 4800E	14	.3	5
L4600N 4850E	15	.2	100
L4600N 4900E	18	.2	30
L4600N 4950E	23	.2	10
L4600N 5000E	38	.2	10
L4600N 5050E	35	.2	35
L4600N 5100E	40	.2	5
L4600N 5150E	26	.2	5
L4600N 5200E	44	.1	10
L4600N 5250E	122	.6	5
L4600N 5300E	34	.2	5
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4600N 5350E	34	.1	10
L4600N 5400E	148	.8	nd
L4600N 5450E	42	.5	20
L4600N 5500E	48	.3	10
L4600N 5550E	70	.2	15
L4600N 5600E	115	.6	10
L4600N 5650E	48	.4	5
L4600N 5700E	64	.4	10
L4600N 5750E	48	.1	5
L4600N 5800E	64	.1	10
L4600N 5850E	48	nd	nd
L4600N 5900E	122	.4	nd
L4500N 4550E	48	nd	5
L4500N 4600E	23	.3	5
L4500N 4650E	23	.4	15
L4500N 4700E	32	.4	10
L4500N 4750E	35	.2	5
L4500N 4800E	33	.3	10
L4500N 4850E	20	.3	10
L4500N 4900E	23	.2	nd
L4500N 4950E	25	.2	15
L4500N 5000E	33	nd	5
L4500N 5050E	48	nd	10
L4500N 5100E	55	.2	5
L4500N 5150E	57	.1	5
L4500N 5200E	75	.2	10
L4500N 5250E	244	1.0	10
L4500N 5300E	24	.1	10
L4500N 5350E	126	.5	15
L4500N 5400E	56	nd	10
L4500N 5450E	10	.2	nd
L4500N 5500E	20	.2	10
L4500N 5550E	22	.1	nd
L4500N 5572E	340	.8	25
L4500N 5600E	30	.2	nd
L4500N 5650E	44	nd	15
L4500N 5700E	65	.1	15
L4500N 5750E	25	.2	5
L4500N 5800E	22	.2	5
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4500N 5850E	67	.7	10
L4500N 5900E	17	.2	5
L4400N 4550E	22	.5	5
L4400N 4600E	34	nd	5
L4400N 4650E	37	.2	5
L4400N 4700E	21	.4	10
L4400N 4750E	23	.2	5
L4400N 4800E	16	.3	5
L4400N 4850E	25	.4	15
L4400N 4900E	52	.2	30
L4400N 4937E	650	1.4	10
L4400N 4950E	65	.4	nd
L4400N 5000E	17	nd	nd
L4200N 4550E	19	.3	nd
L4200N 4600E	27	.1	10
L4200N 4650E	48	.4	10
L4200N 4700E	19	.3	5
L4200N 4750E	57	.1	5
L4200N 4800E	67	nd	10
L4200N 4850E	33	.2	15
L4200N 4900E	15	nd	10
L4200N 4950E	19	.4	nd
L4100N 4550E	22	.1	10
L4100N 4650E	118	.4	15
L4100N 4700E	50	.3	45
L4100N 4750E	19	.2	20
L4100N 4800E	24	nd	5
L4100N 4850E	15	.1	5
L4100N 4900E	15	.1	10
L4100N 4950E	15	nd	5
L4000N 4550E	15	.2	nd
L4000N 4600E	15	.1	nd
L4000N 4650E	26	nd	5
L4000N 4700E	39	.2	15
L4000N 4750E	48	nd	10
L4000N 4800E	33	.3	10
L4000N 4850E	20	.1	15
L4000N 4900E	23	.2	10
L4000N 4950E	20	nd	20
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-009 JOB NUMBER: 83468

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4000N 5000E	22	nd	40
L3900N 4550E	23	nd	nd
L3900N 4600E	22	nd	nd
L3900N 4650E	29	nd	25
L3900N 4700E	25	.1	5
L3900N 4750E	24	nd	30
L3900N 4800E	31	.3	5
L3900N 4850E	20	nd	10
L3900N 4900E	44	.9	10
L3900N 4950E	18	nd	15
L3900N 4950E	16	.1	5
L3800N 4550E	19	.2	5
L3800N 4600E	22	nd	10
L3800N 4650E	35	.4	10
L3800N 4700E	18	.1	nd
L3800N 4750E	22	.2	nd
L3800N 4800E	30	.2	5
L3800N 4850E	15	.3	5
L3800N 4900E	18	nd	10
L3800N 4950E	19	.1	5
L3700N 4550E	15	nd	5
L3700N 4600E	13	nd	5
L3700N 4650E	33	nd	nd
L3700N 4700E	37	.1	nd
L3700N 4750E	25	.3	5
L3700N 4800E	15	nd	nd
L3700N 4850E	22	nd	10
L3700N 4900E	20	nd	5
L3700N 4950E	12	.2	5
DETECTION LIMIT	1	0.1	5

COPY

VANGEOCHEM LAB LIMITED

1521 Pemberton Ave.
North Vancouver B.C. V7P 2S3
(604)986-5211 Telex: 04-352578

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: GRANBY RESOURCES LTD. DATE: Oct 24 1983
ADDRESS: 810 - 850 W Hastings Street
: Vancouver B. C. **REPORT#: 83-36-008**
: V6C 1E1

PROJECT#: BOMBINI JOB#: 83400
COPY SENT TO: GRANBY RESOURCES LTD. INVOICE#: 7586
SAMPLES ARRIVED: Oct 7 1983 TOTAL SAMPLES: 210
REPORT COMPLETED: Oct 24 1983 SAMPLE TYPE: 210 Soil
ANALYSED FOR: Cu Ag Au REJECTS: DISCARDED

PREPARED FOR: GRANBY RESOURCES LTD.

ANALYSED BY: VGC STAFF

SIGNED: _____

GENERAL REMARK:

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-008 JOB NUMBER: 83400 PAGE 1 OF 6

SAMPLE #	Cu ppm	Ag ppm	Au ppb	
L3850N 5763E SILT	45	.5	5	
L4100N 5000E SILT	79	.6	35	
L4100N 5016E SILT	138	2.9	25	
L4200N 5096E SILT	52	.4	5	
L4200N 5178E SILT	144	.7	15	
L4300N 4870E SILT	122	.9	nd	
L4300N 5893E SILT	124	.6	10	
L4400N 5450E SILT	80	.5	nd	
L4400N 5764E SILT	224	.9	40	
L3700N 5000E BL	11	.2	nd	
L3700N 5050E	15	.3	15	
L3700N 5100E	149	.1	10	
L3700N 5150E	67	nd	5	
L3700N 5200E	16	.4	nd	
L3700N 5250E	10	nd	nd	
L3700N 5300E	48	.1	5	
L3700N 5350E	18	.1	nd	
L3700N 5400E	24	.1	10	
L3700N 5450E	15	.1	5	
L3700N 5500E	11	.1	nd	
L3700N 5550E	12	.2	15	
L3700N 5600E	22	.2	25	
L3700N 5650E	33	.2	5	
L3700N 5700E	74	nd	30	
L3700N 5750E	32	.1	nd	
L3700N 5800E	37	.2	15	
L3700N 5850E	34	.1	nd	
L3700N 5900E	40	.1	10	
L3750N 5000E BL	21	.2	10	*
L3800N 5000E BL	24	.2	5	
L3800N 5050E	12	.1	nd	
L3800N 5100E	15	.4	5	
L3800N 5150E	60	.2	nd	
L3800N 5200E	19	.3	5	
L3800N 5250E	22	.2	40	
L3800N 5300E	24	.1	nd	
L3800N 5350E	25	.3	25	
L3800N 5400E	102	.3	25	
L3800N 5450E	20	.2	5	
DETECTION LIMIT	1	0.1	5	

@ 3700N

@ 3800N

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-008 JOB NUMBER: 83400

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L3800N 5500E	8	.3	nd
L3800N 5550E	25	.4	nd
L3800N 5600E	36	.3	nd
L3800N 5650E	27	.2	nd
L3800N 5700E	36	.2	5
L3800N 5750E	30	.2	5
L3800N 5800E	84	nd	nd
L3800N 5850E	21	.3	5
L3800N 5900E	21	.2	5
L3850N 5200E	61	.4	5
L3850N 5350E	30	.2	10
L3850N 5400E	19	.2	nd
L3850N 5450E	24	.4	5
L3850N 5500E	31	.4	nd
L3850N 5550E	13	.3	nd
L3850N 5600E	18	.3	nd
L3850N 5650E	20	.2	nd
L3850N 5700E	19	.1	10
L3850N 5750E	26	nd	5
L3850N 5800E	21	.1	nd
L3850N 5850E	27	.1	nd
L3850N 5900E	25	.1	15
L3900N 5000E BL	30	.5	10
L3900N 5050E	15	.3	5
L3900N 5100E	23	.1	5
L3900N 5150E	36	.1	20
L3900N 5200E	23	.2	nd
L3900N 5250E	13	.3	nd
L3900N 5300E	29	nd	10
L3900N 5350E	22	nd	5
L3900N 5400E	61	.1	10
L3900N 5450E	17	.2	10
L3900N 5500E	14	.3	5
L3900N 5550E	10	.2	nd
L3900N 5600E	19	.2	nd
L3900N 5650E	25	.3	nd
L3900N 5700E	19	nd	5
L3900N 5750E	14	.2	20
L3900N 5800E	21	.1	5
DETECTION LIMIT	1	0.1	5

L 3800 N

L 3900 N

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-008 JOB NUMBER: 83400

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L3900N 5850E	17	.3	5
L3900N 5900E	13	.2	nd
L4000N 5050E	92	.6	5
L4000N 5100E	26	.1	nd
L4000N 5150E	18	.1	nd
L4000N 5200E	20	.3	nd
L4000N 5250E	36	.2	10
L4000N 5300E	17	.3	20
L4000N 5350E	43	.3	20
L4000N 5400E	16	.3	nd
L4000N 5450E	12	.3	5
L4000N 5500E	11	.3	nd
L4000N 5550E	31	.4	10
L4000N 5600E	86	.1	45
L4000N 5650E	16	.4	nd
L4000N 5700E	17	.4	15
L4000N 5750E	25	.1	nd
L4000N 5800E	16	.2	65
L4000N 5850E	52	.1	5
L4000N 5900E	17	.1	10
L4100N 5050E	16	.4	15
L4100N 5100E	19	.2	20
L4100N 5150E	30	.2	25
L4100N 5200E	101	.3	25
L4100N 5250E	81	nd	15
L4100N 5300E	16	.1	5
L4100N 5350E	29	.1	nd
L4100N 5400E	25	.5	nd
L4100N 5450E	35	.2	nd
L4100N 5500E	45	.2	15
L4100N 5550E	12	.1	nd
L4100N 5600E	20	.1	5
L4100N 5650E	18	.3	5
L4100N 5700E	101	.5	10
L4100N 5750E	20	.3	5
L4100N 5800E	14	.3	5
L4100N 5850E	14	.3	nd
L4100N 5900E	21	.4	10
L4200N 5000E BL	36	.4	5
DETECTION LIMIT	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-008 JOB NUMBER: 83400

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4200N 5050E	26	.2	nd
L4200N 5100E	34	.4	10
L4200N 5150E	14	.3	45
L4200N 5200E	3	.3	5
L4200N 5250E	7	.2	5
L4200N 5300E	355	.5	5
L4200N 5350E	52	.6	nd
L4200N 5400E	45	.6	nd
L4200N 5450E	32	.3	25
L4200N 5500E	7	.5	10
L4200N 5550E	9	.3	30
L4200N 5600E	16	.4	15
L4200N 5650E	5	.3	nd
L4200N 5700E	15	.4	15
L4200N 5750E	27	.6	10
L4200N 5800E	9	.3	20
L4200N 5850E	126	.9	15
L4300N 4550E	25	.4	nd
L4300N 4600E	53	.1	25
L4300N 4650E	28	.3	15
L4300N 4700E	21	.1	5
L4300N 4750E	11	.4	10
L4300N 4800E	27	.3	15
L4300N 4850E	141	1.0	15
L4300N 4900E	26	.4	5
L4300N 4950E	26	.2	nd
L4300N 5000E BL	5	.1	15
L4300N 5050E	49	.3	15
L4300N 5100E	18	.2	10
L4300N 5150E	31	.5	5
L4300N 5200E	29	.2	5
L4300N 5250E	36	.3	10
L4300N 5300E	17	.3	15
L4300N 5350E	19	.6	10
L4300N 5400E	27	.2	90
L4300N 5450E	13	.5	5
L4300N 5500E	16	.4	nd
L4300N 5550E	36	.3	5
L4300N 5600E	85	.6	nd
DETECTION LIMIT	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-008 JOB NUMBER: 83400

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4300N 5650E	20	.3	15
L4300N 5700E	36	.1	35
L4300N 5750E	21	.1	nd
L4300N 5800E	96	.8	15
L4300N 5850E	18	.1	15
L4300N 5900E	124	.6	nd
L4400N 5050E	23	.2	5
L4400N 5100E	22	nd	nd
L4400N 5150E	13	.2	10
L4400N 5200E	10	.2	35
L4400N 5250E	16	.2	15
L4400N 5300E	10	.4	nd
L4400N 5350E	46	.5	5
L4400N 5400E	12	.4	nd
L4400N 5500E	18	.3	5
L4400N 5550E	27	.4	nd
L4400N 5600E	32	.5	nd
L4400N 5650E	10	.4	nd
L4400N 5700E	74	.3	20
L4400N 5750E	60	.3	nd
L4400N 5800E	25	.2	15
L4400N 5850E	34	.3	10
L4400N 5900E	15	.2	10
L4700N 5000E	196	.2	40
L4700N 5050E	113	.4	5
L4700N 5100E	35	.2	20
L4700N 5150E	73	1.0	20
L4700N 5200E	63	nd	15
L4700N 5250E	30	.3	10
L4700N 5300E	46	.2	15
L4700N 5350E	68	.1	30
L4700N 5400E	41	.1	10
L4700N 5450E	57	.4	10
L4700N 5500E	86	.3	5
L4700N 5550E	65	.3	10
L4700N 5600E	160	.5	10
L4700N 5650E	162	.2	15
L4700N 5700E	150	.2	10
L4700N 5750E	125	.4	5
DETECTION LIMIT	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-008 JOB NUMBER: 83400

SAMPLE #	Cu ppm	Ag ppm	Au ppb
L4700N 5800E	127	.4	20
L4700N 5850E	61	.4	10
L4700N 5900E	101	.4	15
L4800N 5700E	52	.2	15
L4800N 5750E	65	.4	10
L4800N 5800E	52	.1	5
L4800N 5850E	107	.4	15
L4800N 5900E	95	.3	10
L5000N 5400E	112	.5	30
L5000N 5450E	69	.1	15
L5000N 5500E	48	.2	nd
L5000N 5550E	27	.3	5
L5000N 5600E	59	.3	nd
L5000N 5650E	52	.6	5
L5000N 5700E	13	.1	nd
DETECTION LIMIT	1	0.1	5

l. 4800 N

l 5000 N

VANGEOCHEM LAB LIMITED

1521 Pemberton Ave.
North Vancouver B.C. V7P 2S3
(604)986-5211 Telex: 04-352578

ASSAY ANALYTICAL REPORT

CLIENT: GRANBY RESOURCES LTD.
ADDRESS: 810 - 850 W Hastings Street
: Vancouver B. C.
: V6C 1E1

DATE: Oct 17 1983

REPORT#: 83-36-006

PROJECT#: BOMBINI
COPY SENT TO: GRANBY RESOURCES LTD.
SAMPLES ARRIVED: Oct 07 1983
REPORT COMPLETED: Oct 17 1983
ANALYSED FOR: Cu Ag Au

JOB#: 83401
INVOICE#: 7561
TOTAL SAMPLES: 14
REJECTS: SAVED FOR 3 MONTHS
PULPS: SAVED FOR 1 YEAR
SAMPLE TYPE: 14 Rock

PREPARED FOR: GRANBY RESOURCES LTD.

ANALYSED BY: MR. DAVID CHIU

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK:

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: GRANBY RESOURCES LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 83-36-006 JOB NUMBER: 83401

SAMPLE #	Cu %	Ag oz/st	Au oz/st
14531A	.07	1.67	.014
14531B	.01	.22	<.005
14532	.03	.32	<.005
14533	.01	.06	<.005
14534	.22	.02	<.005
14535	.01	.03	<.005
14536	.02	.03	<.005
14537	.01	.05	<.005
14538	.09	.06	<.005
14539	<.01	.05	<.005
14540	<.01	.04	<.005
14541	.01	.03	<.005
14542	.02	.05	<.005
14543	.04	.03	<.005
DETECTION LIMIT	.01	.01	.005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million

signed: _____

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

Certificate of Geochemical Analyses

• Specialising in Trace Elements Analyses •

–IN ACCOUNT WITH–
Granby Resources
#810 - 850 W. Hastings St.
Vancouver, B.C. V6 C 1E1
Attention:

Report No: **83-36-001** Page **1** of **1**
Samples Arrived: **May 25, 1983**
Report Completed: **May 31, 1983**
For Project: —
Analyst: **D. Chiu**
Job No. **83-048**
Invoice No. **7179**

GEOCHEM

Sample Marking	Cu ppm	Pb ppm	Zn ppm	Au ppb	Ag ppm	
A - 83 - 1	185	40	50	20	0.9	Soil
2	* 900	15	25	35	0.7	Soil
3	270	15	15	30	0.4	Rock
4	100	15	55	10	0.1	Soil
5	140	20	240	5	0.3	Soil
6	* 1600	* 250	* 190	15	2.9	Rock
7	30	10	45	nd	nd	Soil
8	60	5	5	20	6.1	Rock
A - 83 - 9	175	110	310	55	1.5	Soil

FIRE ASSAY

	Cu %	Au oz/st	Ag oz/st			
GR # 1	.10	.462	.34			Rock
2	.06	.071	.12			
3	.01	.068	.12			
4	.01	.075	.05			
5	.02	.383	.21			
6	.94	< .005	.74			
7	.03	< .005	2.55			
8	.02	.072	14.00			
9	.05	< .005	.39			
10	* .27	< .005	.04			
GR #11	* .21	< .005	.02			Rock

Bombini & Mavis Claims
Samples that Angus took.

REMARKS:
* sample repeated for analysis, check ok.

Registered Provincial Assayer
Signed:

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

APPENDIX II

E.M. SPECS.

- Lightweight, low battery drain, rugged, simple to operate
- Two independent channels
- Each channel may select any station between 14.0 and 29.9 kHz
- Single crystal used for all frequencies
- Locking clinometer provides tilt-angle memory
- Superheterodyne detection and digital filtering provide extremely high selectivity and noise rejection

Military and time standard VLF transmitters are distributed over the world. These stations are used for geophysical EM surveying thus eliminating the need for a local transmitter and permitting one-man operation.

To ensure that a station excites the prospective conductor, two stations at approximately right angles are used during a survey (see data on back).

The choice of 160 frequencies in the range 14.0 to 29.9 kHz permits the use of a local EM transmitter when no suitable regular VLF station is available.

PHOENIX GEOPHYSICS LIMITED

Geophysical Consulting and Contracting, Instrument Manufacture, Sale and Lease.

Head Office: 200 Yorkland Blvd., Willowdale, Ontario, Canada M2J 1R5
Tel.: (416) 493-6350 Telex: 06-986856 Cable: PHEXCO TORONTO

Vancouver Office: 214 - 744 West Hastings Street, Vancouver, B.C., Canada V6C 1A6
Tel.: (604) 669-1070

Denver Office: 4891 Independence St., Suite 270, Wheat Ridge, Colorado, 80033, U.S.A.
Tel.: (303) 425-9393 Telex: 450690

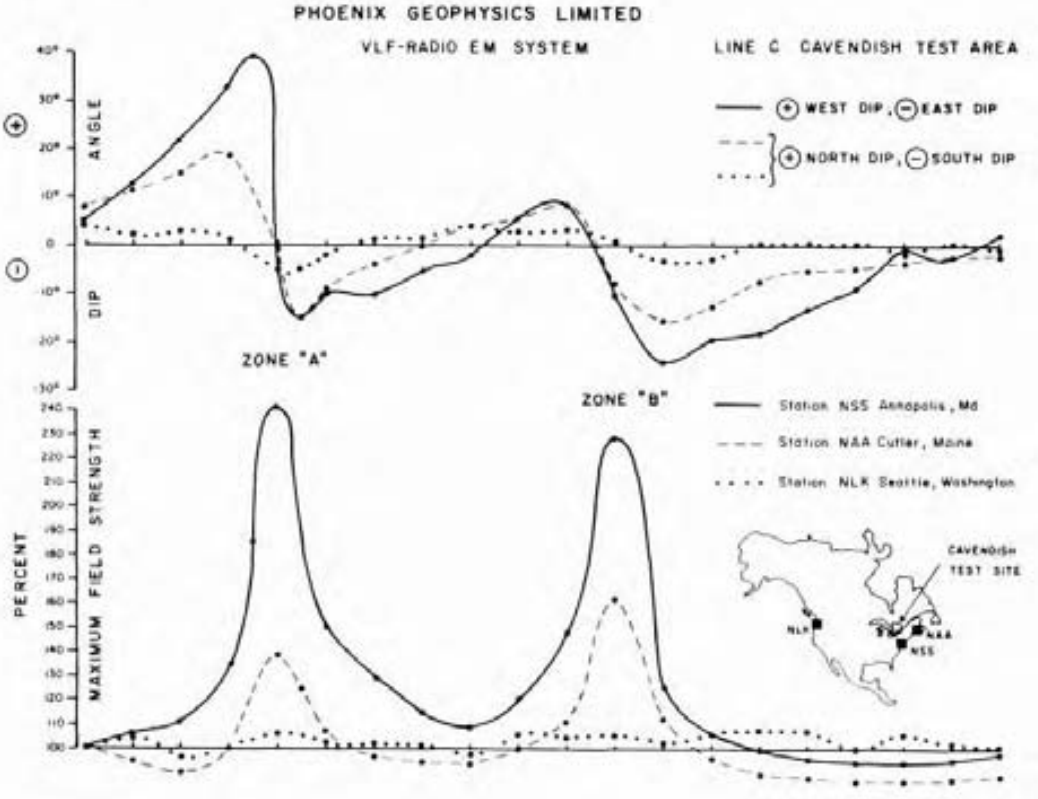
Parameters Measured	:	Orientation and magnitude of the major and minor axes of the ellipse of polarization.
Frequency Selection, Front Panel	:	Dual channel, front panel selectable (F1 or F2) each with independent precision 10-turn dial gain control.
equency Selection, Internal	:	F1 and F2 can be selected by internal switches within the range 14.0 to 29.9 kHz in 100 Hz increments.
Detection And Filtering	:	Superheterodyne detection and digital filtering provide a much narrower bandwidth and thus greater rejection of interfering stations and 60 cycle noise than conventional receivers.
Meter Display	:	2 ranges: 0 to 300 or 0 to 1000. Background is typically set at 100. Meter is also used as dip angle null indicator and battery test.
Audio	:	Crystal speaker. 2500 Hz used as null indicator.
Clinometer	:	±90°, ±0.5° resolution. Normal locking, push button release.
Battery	:	One standard 9v transistor radio battery. Average life expectancy - 1 to 3 months (battery drain is 3 mA)
Temperature Range	:	-40° to + 60° C.
Dimensions	:	8 x 22 x 14 cm (3 x 9 x 6 inches).
Weight	:	850 grams (1.9 pounds).

All of the established stations may be selected, or alternatively, a local VLF transmitter may be used which transmits at any frequency in the range 14.0 to 29.9 kHz.

VLF Station	Frequency (kHz)
Bordeaux, France	15.1
Odessa (Black Sea)	15.6
Rugby, U.K.	16.0
Moscow, U.S.S.R.	17.1
Yosamai, Japan	17.4
Hegaland, Norway	17.6
Cutler, Maine	17.8
Malabar, Java	19.0
Oxford, U.K.	19.6
Paris, France	20.7
Annapolis, Maryland	21.4
Northwest Cape, Australia	22.3
Lauluolei, Hawaii	23.4
Buenos Aires, Argentina	23.6
Seattle, Washington	24.8
Rome, Italy	27.2

The results below illustrate the need for using two orthogonal stations when the strike of the prospective conductor is not well-known. The dip angle and amplitude data measured using station NLK in Seattle, Washington, show only a very weak anomaly associated with the two conductive sulphide zones at Cavendish, Ontario.

The results obtained using Cutler, Maine reveal a more prominent anomaly, but the best response was obtained using Annapolis, Maryland since the station lies almost due south and the transmitted electromagnetic field is thus maximum-coupled with the North-South trending conductors.



SECTION 2

SPECIFICATIONS

2–1 MAXIMUM SENSITIVITY

20 gammas per scale division on 1,000 gamma range.
Readability is 1/4 scale division or 5 gammas.

2–2 MAXIMUM MEASUREMENT

Zero to ± 100,000 gammas in five ranges.

Range Switch Position	Full Scale In Gammas	Gammas Per Scale Division
1K	1,000	20 black scale
3K	3,000	50 red scale
10K	10,000	200 black scale
30K	30,000	500 red scale
100K	100,000	2,000 black scale

2–3 MEASUREMENT POLARITY

The above ranges can be reversed in polarity as a simple function of the Polarity switch.

2–4 LATITUDE ADJUSTMENT

The latitude adjustment permits cancelling the earth's field up to a magnitude of ± 100,000 gammas. The adjustment control is a ten revolution precision potentiometer located under the sliding side panel. A positive type locking lever on the control removes the hazard of accidentally dislodging the setting.

2–5 SELF-LEVELLING SENSING HEAD

The unique self-levelling sensing head of this magnetometer is inserted as a plug-in unit. It is easily detached so that the same magnetometer can be used with other types of sensing heads such as the airborne gyro stabilized head etc.
It is recommended that the instrument be re-calibrated at our servicing depot, each time the sensing head is changed.

2–6 ORIENTATION ERROR

The orientation error is set at the factory to 25 gammas or less in the presence of a 15,000 gamma horizontal field. It is possible to adjust the orientation error and the procedure is explained in the section 9–2, under Maintenance.

2–7 TEMPERATURE STABILITY

Over the temperature range of –35 to +55 degrees centigrade the temperature drift is limited to less than 50 gammas. See section 4–6 on Minimizing Temperature Drift.

2–8 BATTERY SUPPLY

The M700 Magnetometer is powered by two internally mounted 9 volt batteries. Any pair of the following batteries may be used.

Eveready No. 276
Mallory No. M1603
Burgess No. D6
R. C. A. No. VS306

For sub-zero operation the batteries may be transferred to an external battery case and carried under clothing to keep them from freezing. **See section 6, Operation with External Batteries.**

Two types of external battery cases are available **see accessory list, section 11.** One type is for the above batteries. Another type of case will accommodate the equivalent in flashlight cells for use in countries where the normal batteries are difficult to obtain.

2–9 ACCESSORY RECEPTACLE

A Cannon receptacle is located on the side of the instrument under the sliding panel. This increases the versatility of the instrument so it can be used in a number of ways in addition to its normal vertical field ground magnetometer function. See section 8, under Extended Applications and section 11, under Accessories.

2–10 ACCESSORY & LATITUDE SWITCH

This is a double function switch. The first function is to permit operation north or south of the equator by simply changing one step

(Cont'd.)

on the switch. By switching an additional step, the accessory socket is brought into connection and accessories can be applied to the instrument.

2-11 WEIGHT

The weight of the magnetometer is distributed as follows:-

Console:	6 pounds
Batteries:	1-1/4 pounds **2 type Eveready 276**
Carrying Case:	2 pounds

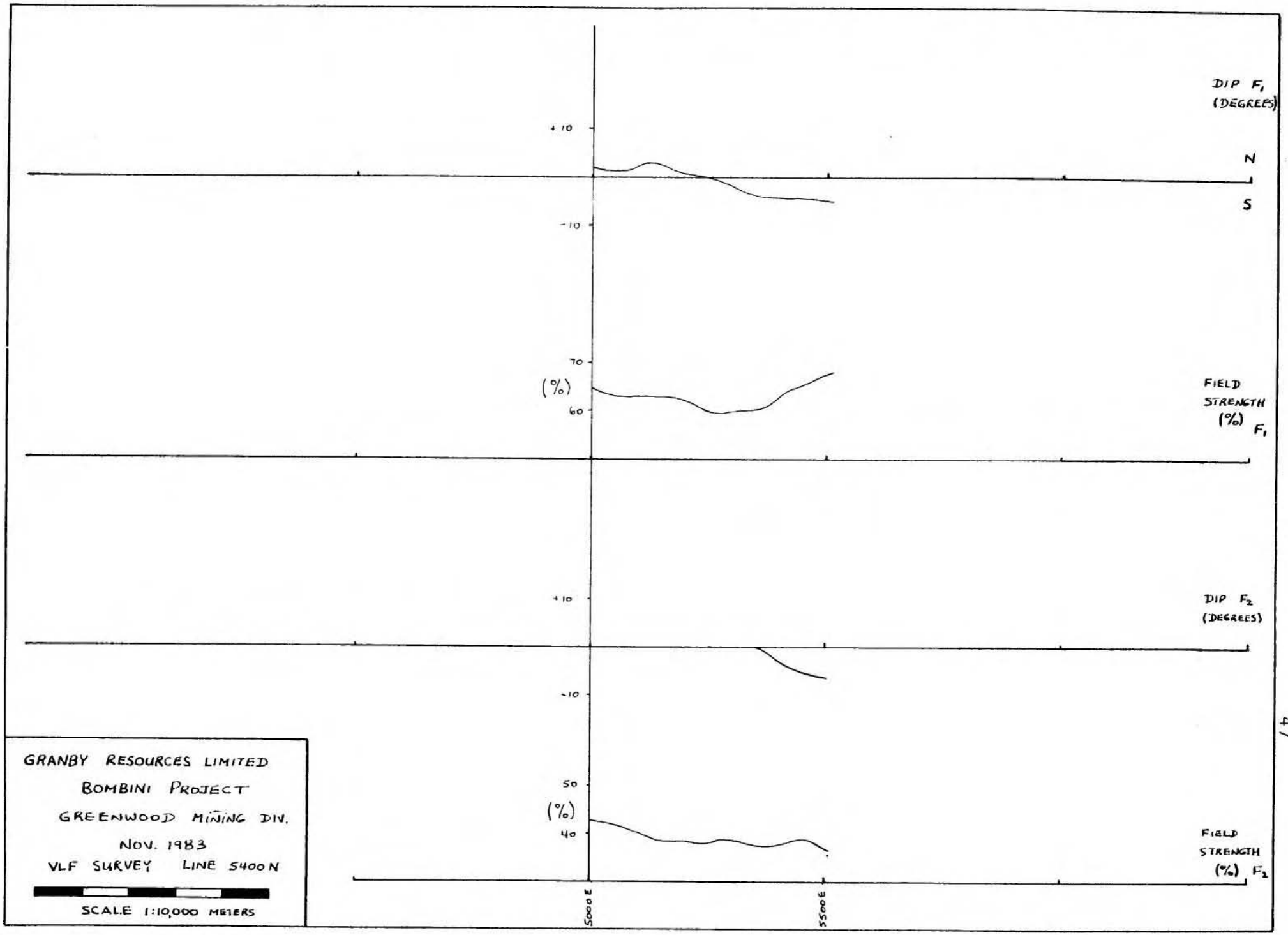
Width:	6-7/8 inches
Depth:	3-3/4 inches
Height:	9-5/8 inches

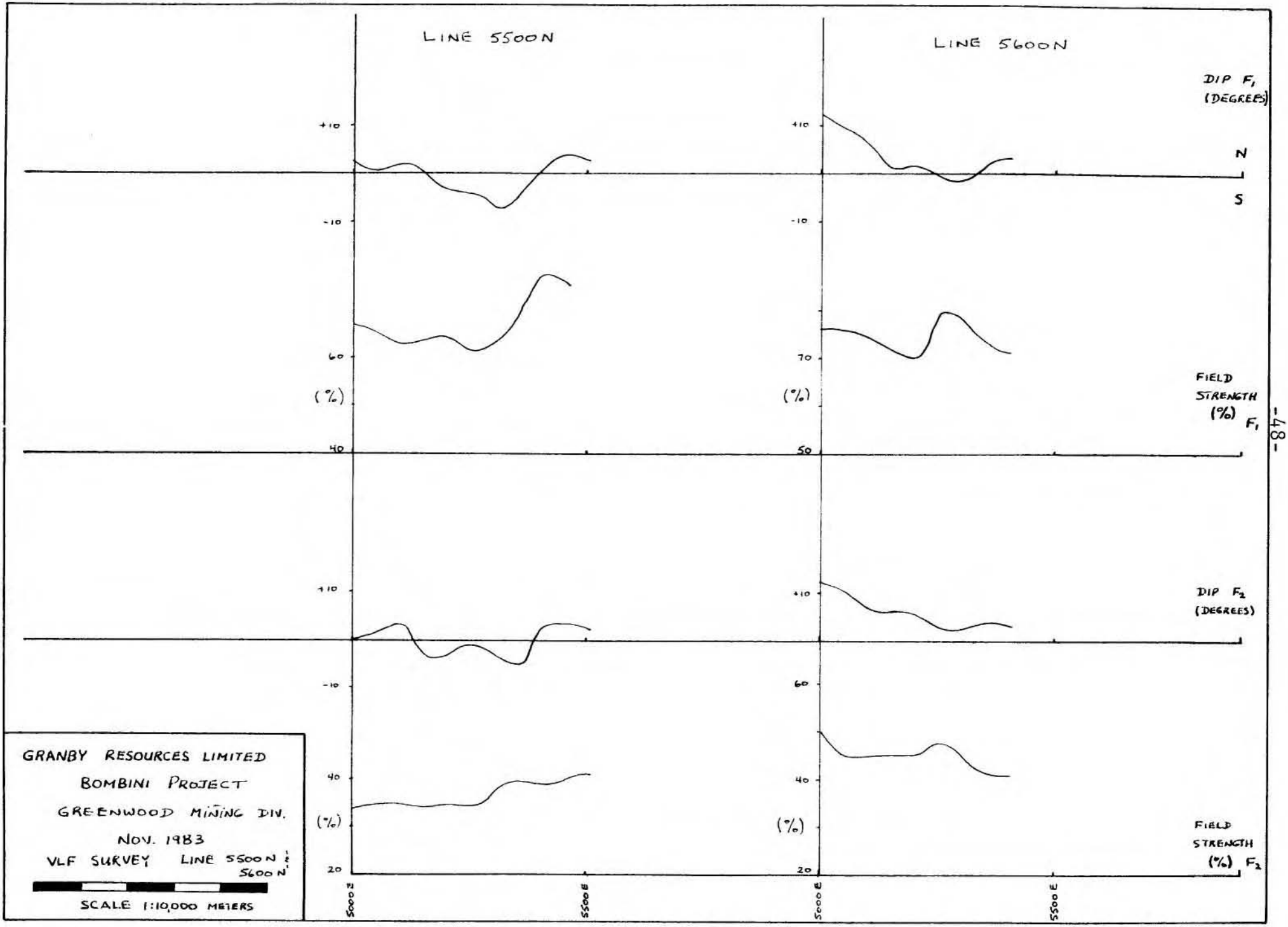
2-13 TRANSIT CASE

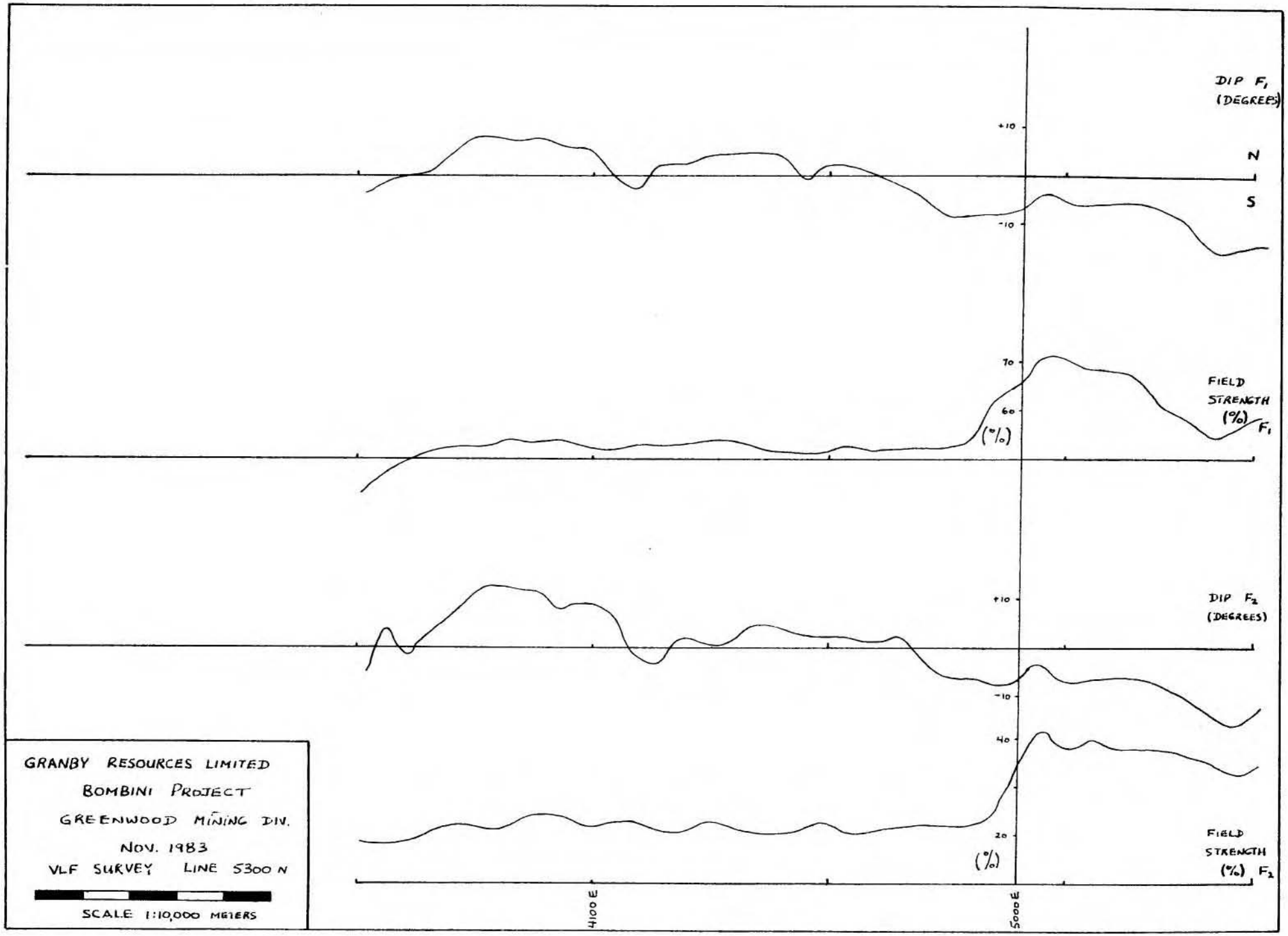
The magnetometer is shipped in a foam fitted transit case. The case is designed to accommodate the magnetometer in its leather case, spare batteries, external battery cable and battery case and instruction manual.

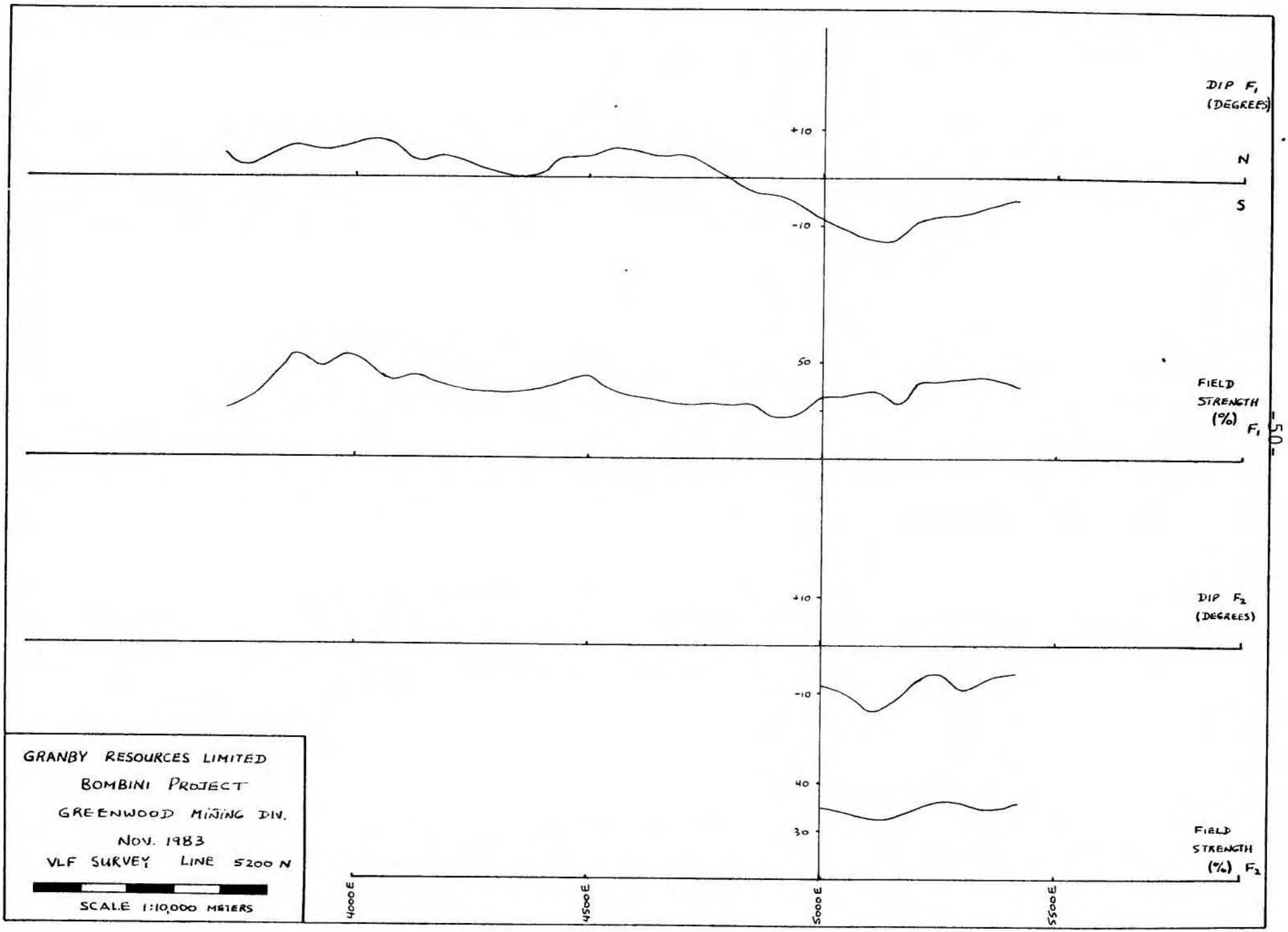
APPENDIX III

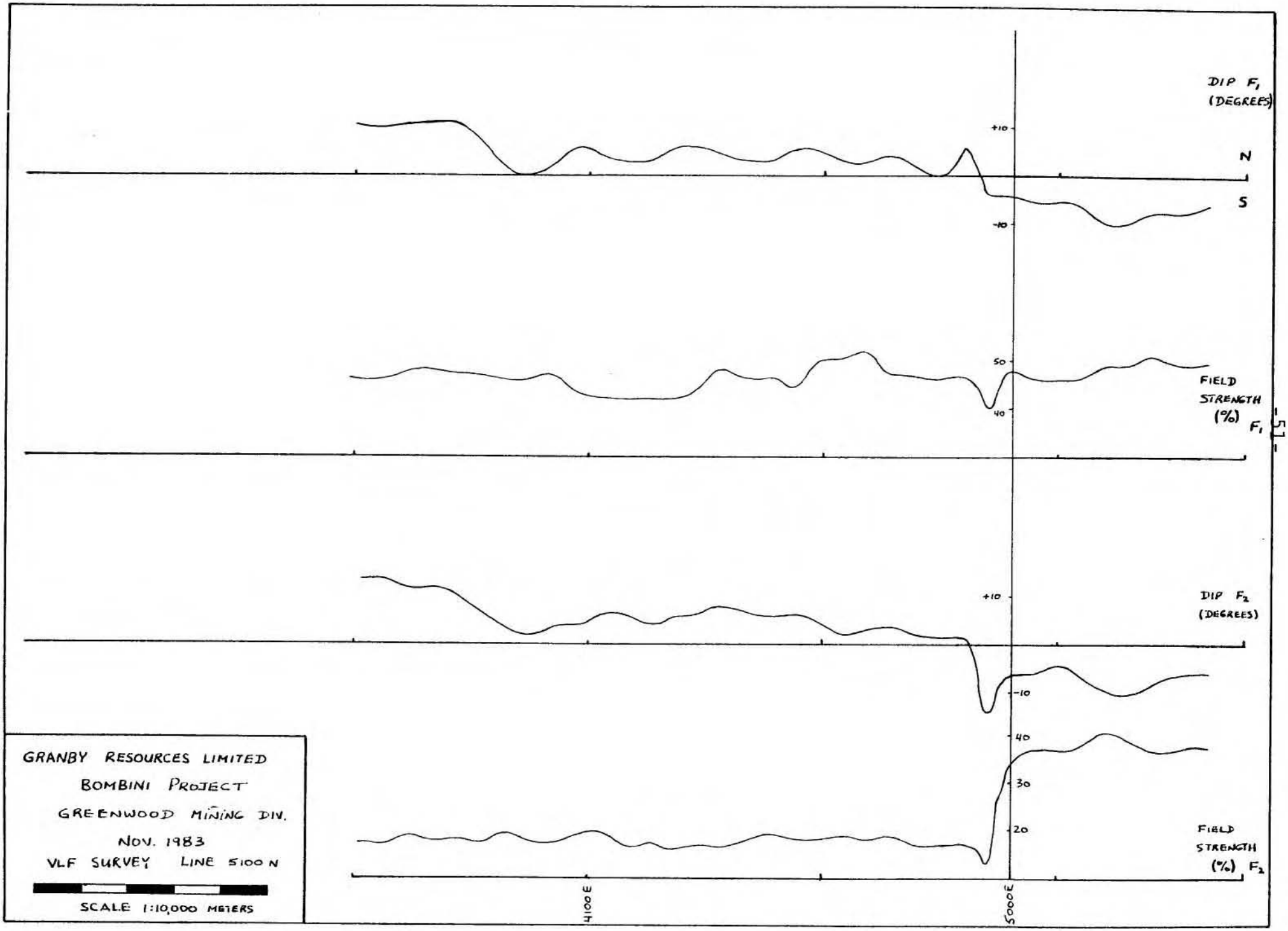
E.M PROFILE MAPS

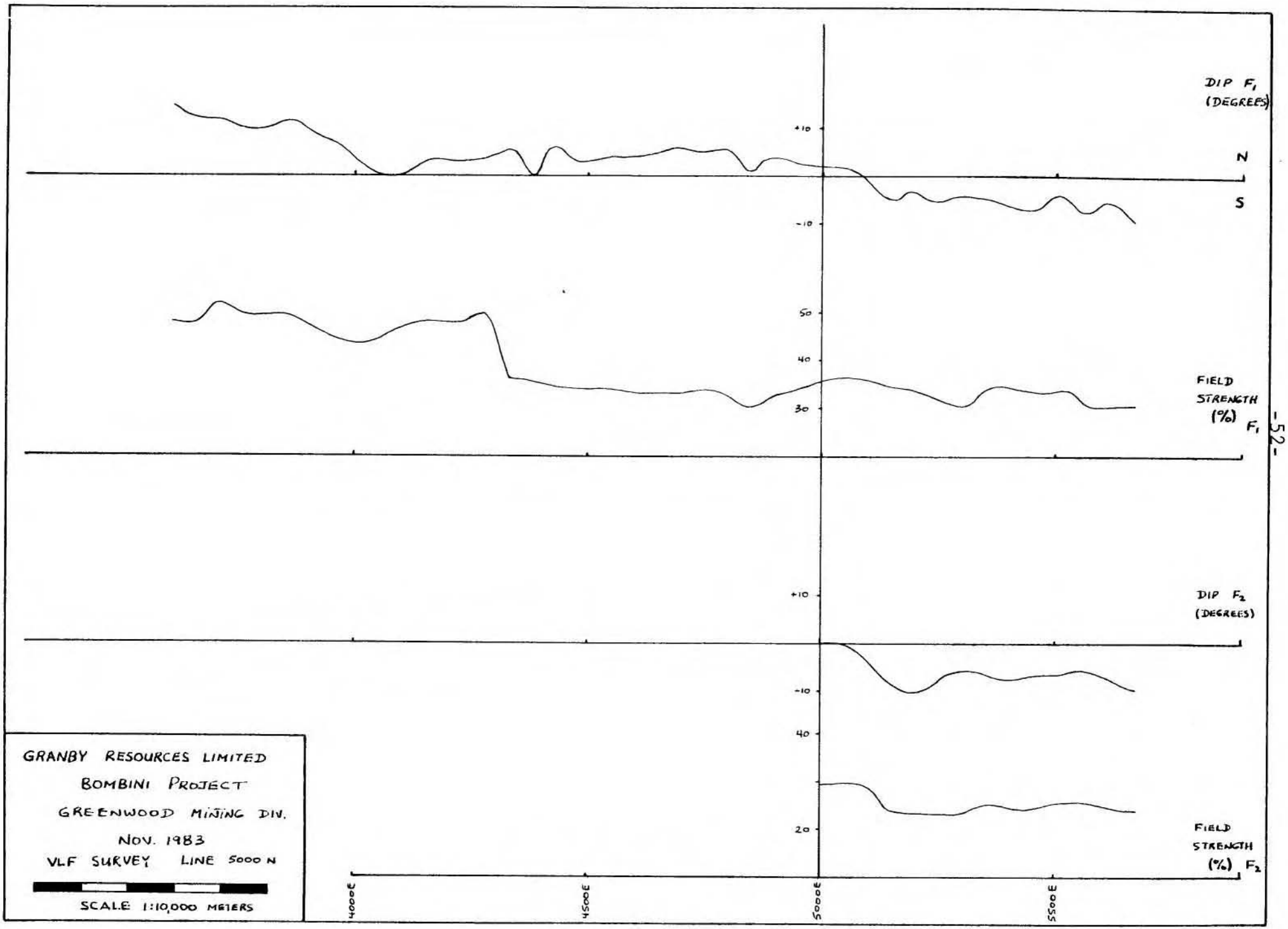

DIP F_1
(DEGREES)
+10
N
S
-10
70
(%)
60
FIELD
STRENGTH
(%) F_1
+10
DIP F_2
(DEGREES)
-10
50
(%)
40
FIELD
STRENGTH
(%) F_2
5000E
5500E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 5400N
SCALE 1:10,000 METERS

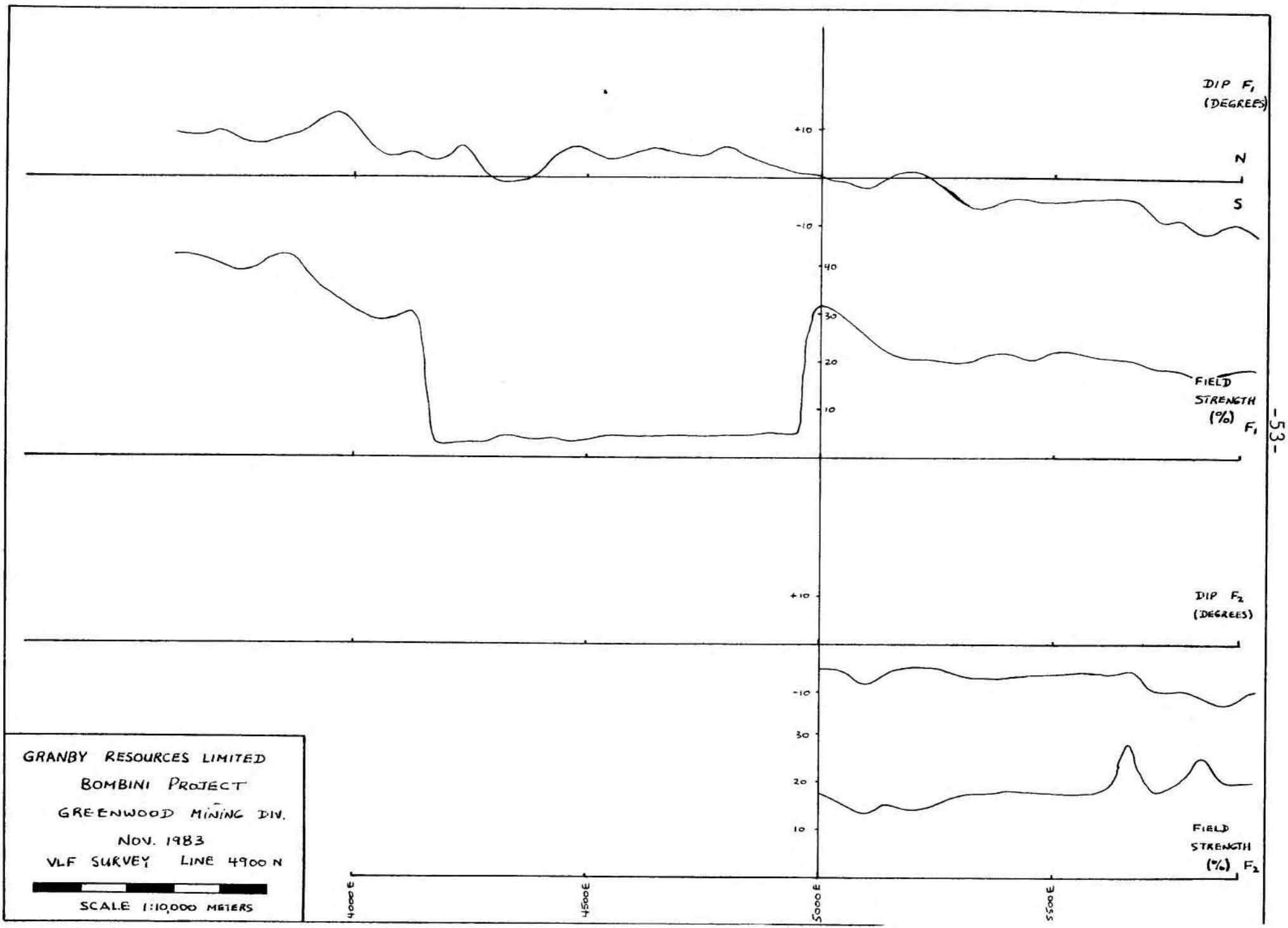

LINE 5500N
LINE 5600N
DIP F1 (DEGREES)
+10
-10
N
S
60
70
(%)
FIELD STRENGTH (%) F1
40
50
DIP F2 (DEGREES)
60
40
FIELD STRENGTH (%) F2
20
5000E
5500E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 5500N & 5600N
SCALE 1:10,000 METERS


DIP F_1
(DEGREES)
+10
N
S
-10
70
60
(%)
FIELD
STRENGTH
(%) F_1
DIP F_2
(DEGREES)
+10
-10
40
20
(%)
FIELD
STRENGTH
(%) F_2
4100E
5000E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 5300 N
SCALE 1:10,000 METERS


DIP F_1
(DEGREES)
+10
N
S
-10
50
FIELD
STRENGTH
(%) F_1
+10
DIP F_2
(DEGREES)
-10
40
30
FIELD
STRENGTH
(%) F_2
4000E
4500E
5000E
5500E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 5200 N
SCALE 1:10,000 METERS

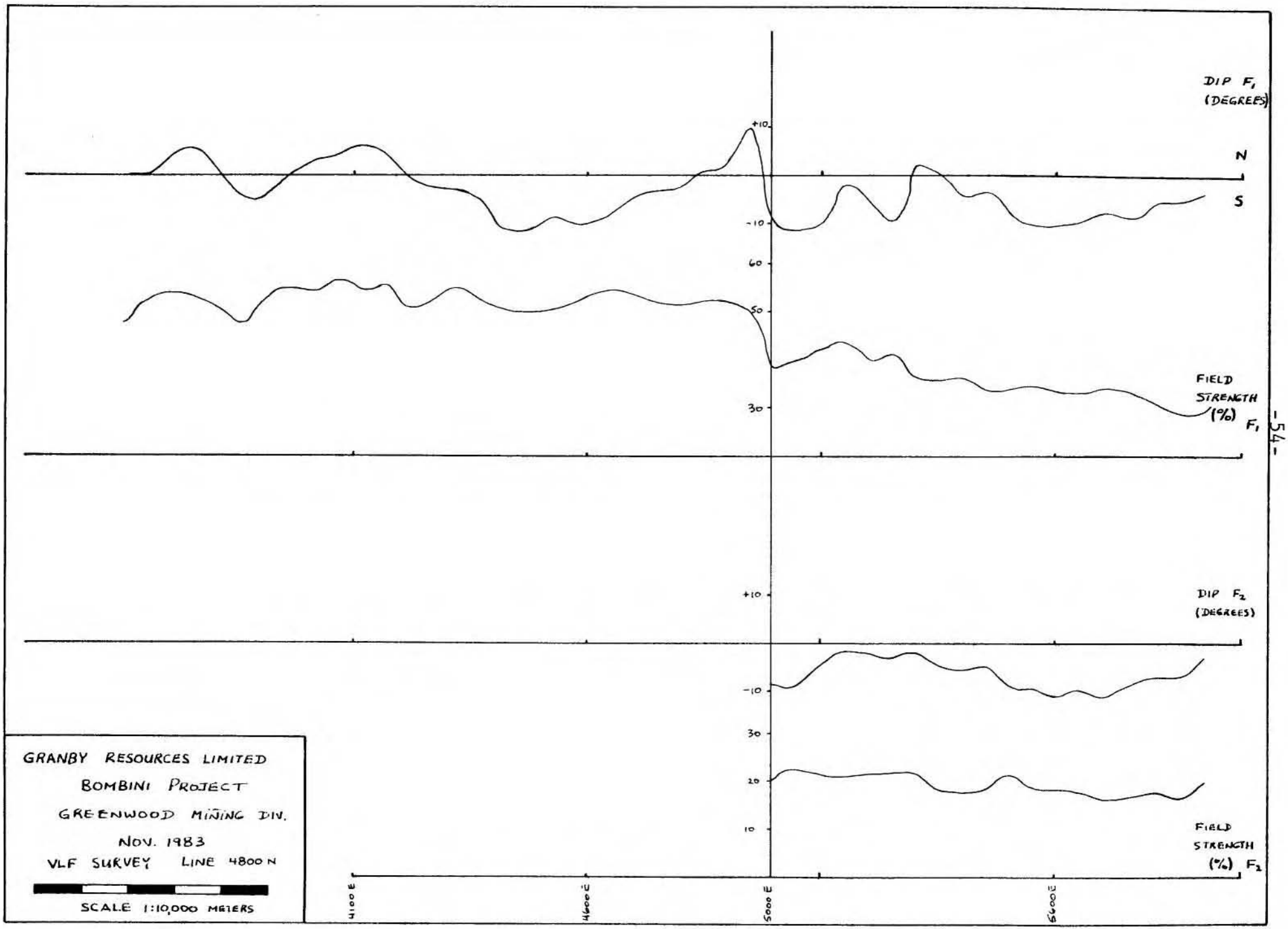

DIP F_1
(DEGREES)
+10
N
S
-10
50
40
FIELD
STRENGTH
(%) F_1
+10
DIP F_2
(DEGREES)
-10
40
30
20
FIELD
STRENGTH
(%) F_2
4100E
5000E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 5100 N
SCALE 1:10,000 METERS

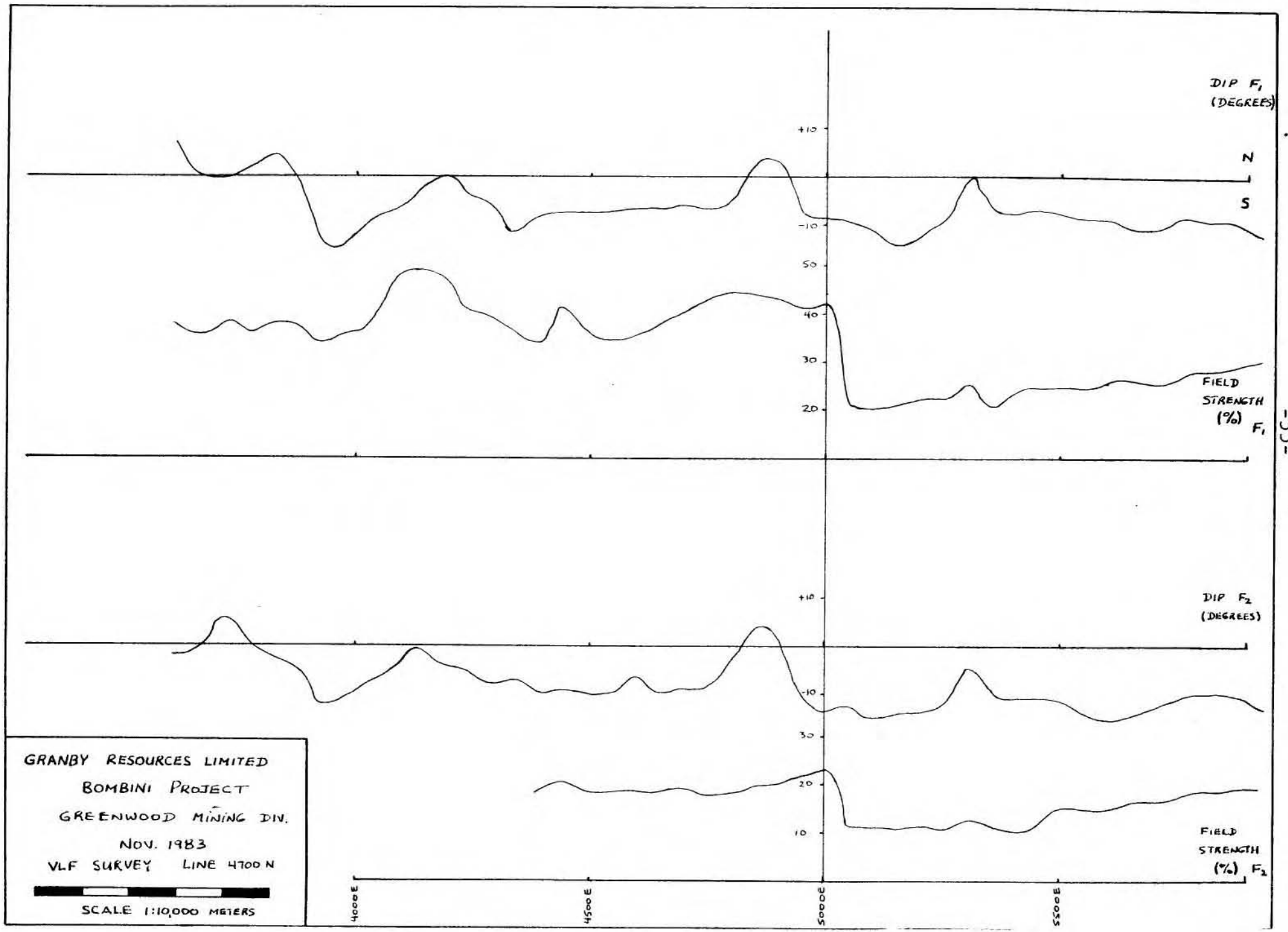

DIP F_1
(DEGREES)
+10
N
S
-10
50
40
30
FIELD
STRENGTH
(%) F_1
+10
DIP F_2
(DEGREES)
-10
40
20
FIELD
STRENGTH
(%) F_2
4000E
4500E
5000E
5500E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 5000 N
SCALE 1:10,000 METERS

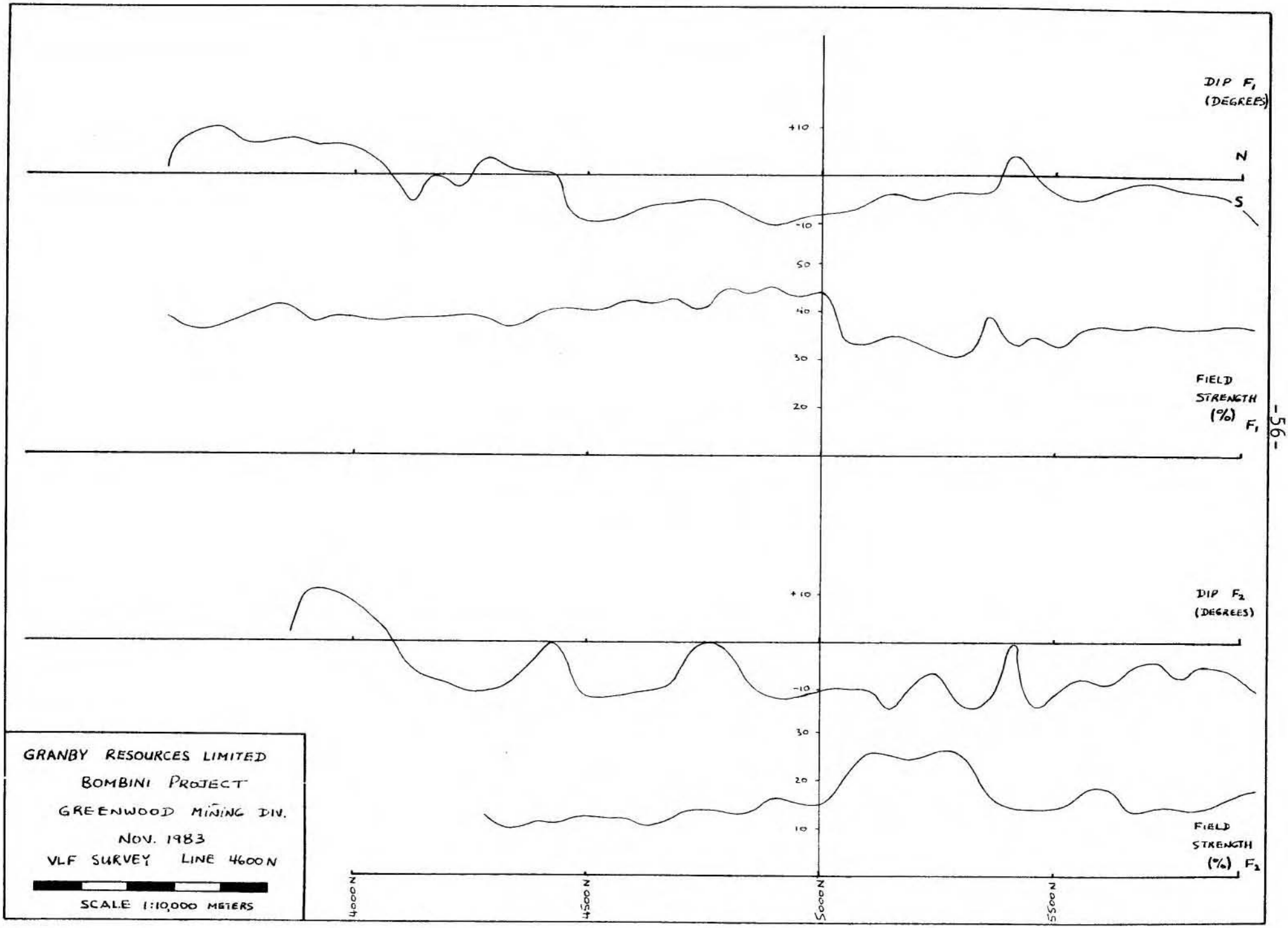


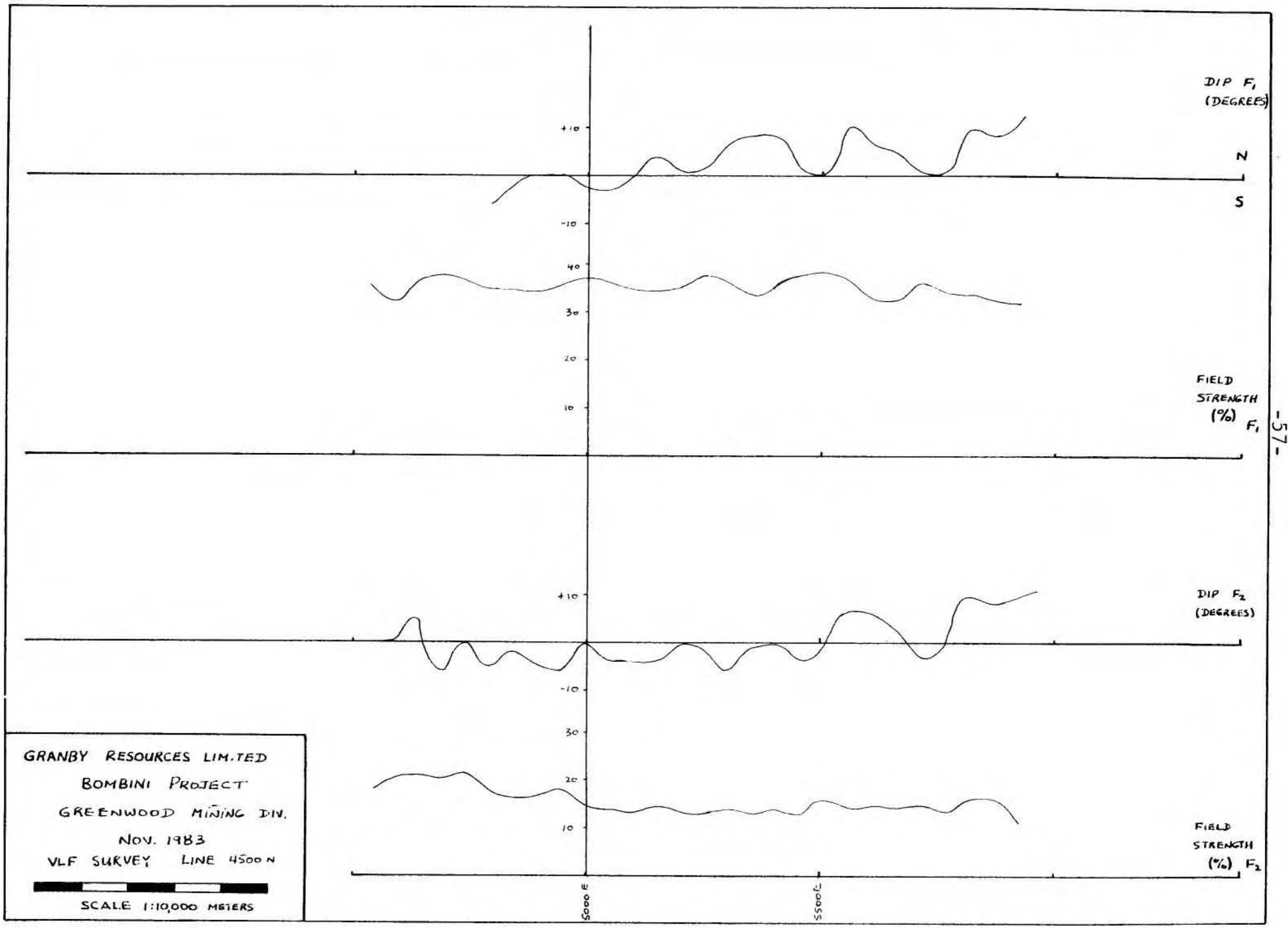
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 4900 N

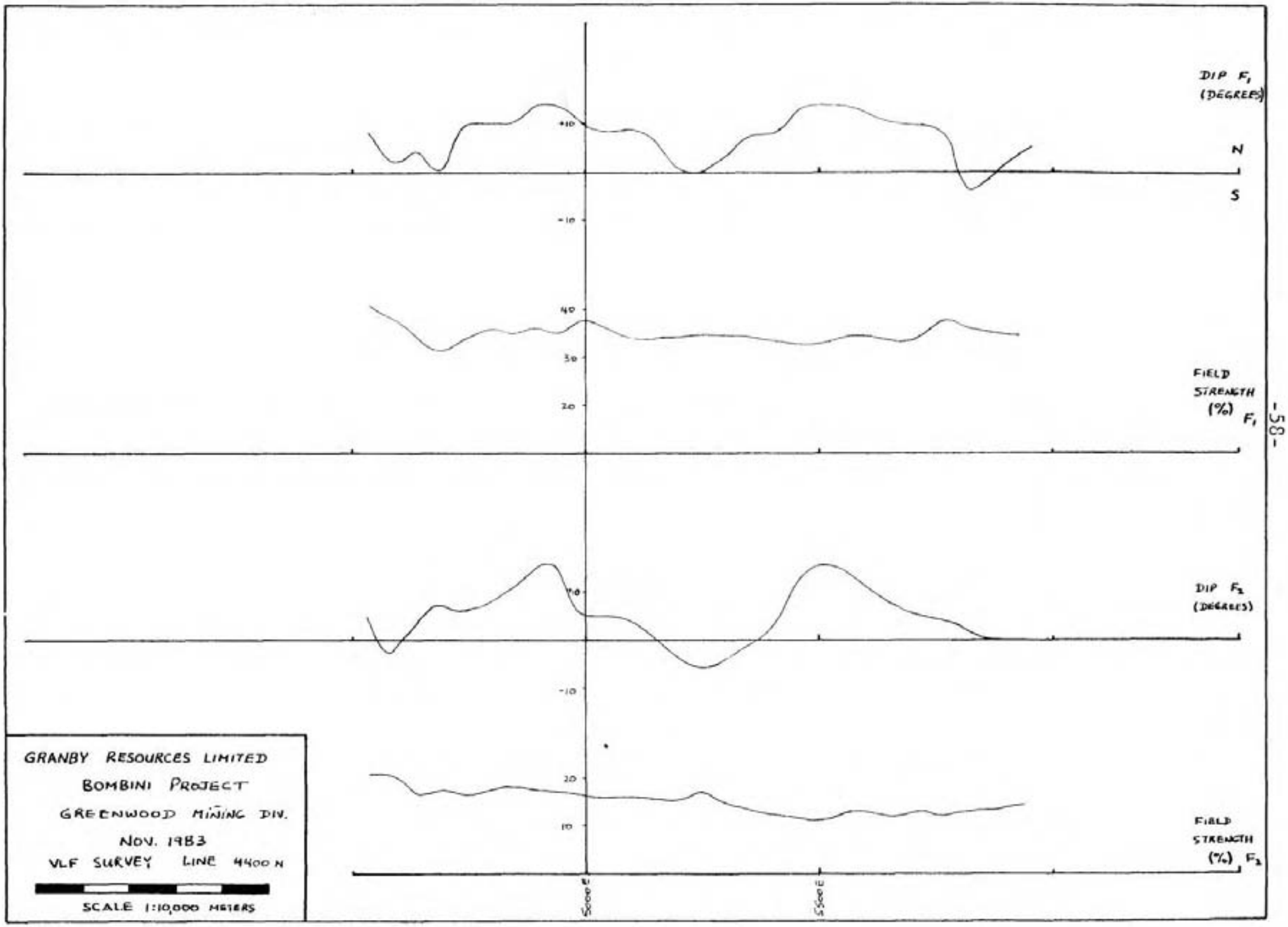
SCALE 1:10,000 METERS


DIP F_1
(DEGREES)
+10
N
S
-10
60
50
30
FIELD
STRENGTH
(%) F_1
+10
DIP F_2
(DEGREES)
-10
30
20
10
FIELD
STRENGTH
(%) F_2
4600N
4800N
5000N
5200N
5400N
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 4800 N
SCALE 1:10,000 METERS


DIP F_1
(DEGREES)
+10
N
S
-10
50
40
30
20
FIELD
STRENGTH
(%) F_1
DIP F_2
(DEGREES)
+10
-10
30
20
10
FIELD
STRENGTH
(%) F_2
4000E
4500E
5000E
5500E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 4700 N
SCALE 1:10,000 METERS

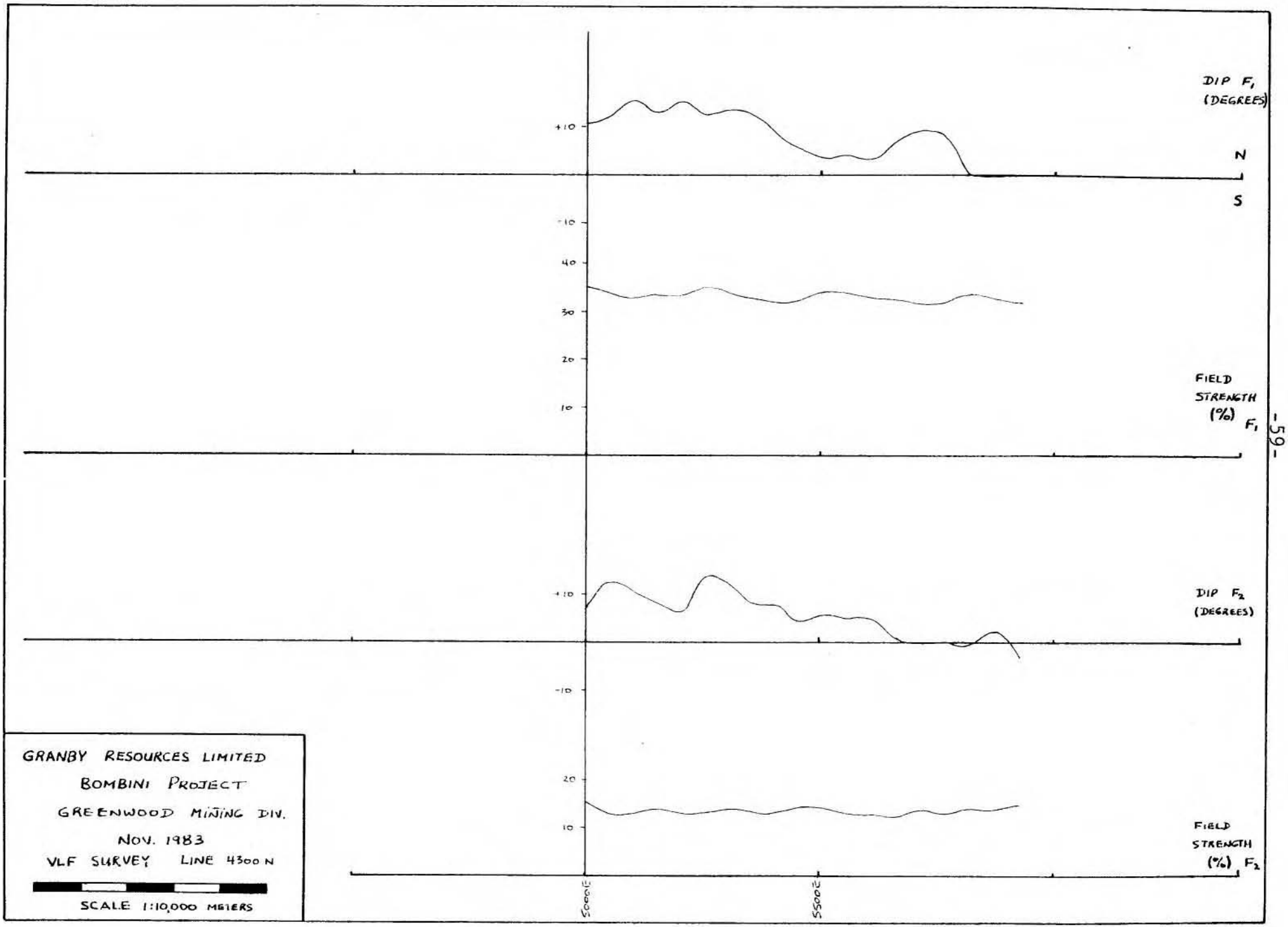

DIP F1
(DEGREES)
+10
N
S
-10
50
40
30
20
FIELD
STRENGTH
(%) F1
DIP F2
(DEGREES)
+10
-10
30
20
10
FIELD
STRENGTH
(%) F2
N 0004
N 0054
N 0054
N 0054
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 4600N
SCALE 1:10,000 METERS


DIP F1
(DEGREES)
+10
N
S
-10
40
30
20
10
FIELD
STRENGTH
(%) F1
+10
DIP F2
(DEGREES)
-10
30
20
10
FIELD
STRENGTH
(%) F2
5000 E
5500 E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 4500 N
SCALE 1:10,000 METERS



GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 4400 N

SCALE 1:10,000 METERS


DIP F_1 (DEGREES)
+10
N
S
-10
40
30
20
10
FIELD STRENGTH (%) F_1
DIP F_2 (DEGREES)
+10
-10
20
10
FIELD STRENGTH (%) F_2
5000E
5500E
GRANBY RESOURCES LIMITED
BOMBINI PROJECT
GREENWOOD MINING DIV.
NOV. 1983
VLF SURVEY LINE 4300 N
SCALE 1:10,000 METERS

APPENDIX IV

GEOCHEM INVOICES

VGC

VANGEOCHEM LAB LTD. (604) 986 - 5211
1521 PEMBERTON AVE., NORTH VANCOUVER, B. C.
CANADA V7P 2S3

IN ACCOUNT WITH

Granby Resources Ltd.
810 - 850 W Hastings St.
Vancouver, B.C.
V6C 1E1

INVOICE 7561

DATE Oct 17 1983

TERMS NET 21 DAYS

FOR REPORT 83-36-006 PROJECT: BOMBINI ORDER NO. 83401

All Samples from Bombini Property

14 rock samples for sample prep.	@ $ 2.50	$ 35.00
14 samples for Cu assay	@ $ 6.00	$ 84.00
14 samples for Ag & Au assay	@ $11.00	$ 154.00
	Total of this invoice =	$ 273.00

PLEASE PAY BY INVOICE
NO STATEMENT WILL BE ISSUED.

VANGEOCHEM LAB LTD. (604) 986 - 5211
1521 PEMBERTON AVE., NORTH VANCOUVER, B. C.
CANADA V7P 2S3

IN ACCOUNT WITH

Granby Resources Ltd.
810 - 850 W. Hastings St.
Vancouver, B.C.
V6C 1E1

INVOICE 7690

DATE December 8, 1983

TERMS NET 21 DAYS

FOR REPORT 83-36-009 PROJECT BOMBINI ORDER NO. 83-468

442 Soil samples for sample preparation	@ $0.70	$ 309.40
442 Trace analyses for Cu & Ag	@ $2.60	$1,149.20
442 Trace analyses for Au	@ $4.50	$1,989.00
Total this invoice		$3,447.60

RECEIVED 12 1983

PLEASE PAY BY INVOICE
NO STATEMENT WILL BE ISSUED.

4331.85

VGC

VANGEOCHEM LAB LTD. (604) 986 - 5211
1521 PEMBERTON AVE., NORTH VANCOUVER, B. C.
CANADA V7P 2S3

IN ACCOUNT WITH

Granby Resources Ltd.
810 - 850 West Hastings St.
Vancouver, B.C.
V6C 1E1

INVOICE 7586

DATE Oct 24 1983

TERMS NET 21 DAYS

B

FOR REPORT 83-36-008 PROJECT BOMBINI ORDER NO 83400

210 soil samples for sample prep.	@ $ 0.70	$ 147.00
210 samples for Cu & Ag geochem analyses	@ $ 2.60	$ 546.00
	subtotal =	$ 693.00
500 each 4 X 6 high wet strenghh geochem bags @ $ 72.00/M		$ 36.00
add 7 % B.C. SS tax on 36.00		$ 2.52
	Total =	$ 731.52

RECEIVED
2 5 1983

PLEASE PAY BY INVOICE
NO STATEMENT WILL BE ISSUED.

VANGEOCHEM LAB LTD. (604) 986 5211
1521 PEMBERTON AVE., NORTH VANCOUVER, B. C.
CANADA V7P 2S3

IN ACCOUNT WITH

Granby Reosurces
#810 - 850 W. Hastings St.
Vancouver, B.C. V6C 1E1

INVOICE 7179

DATE May 31, 1983

TERMS NET DAYS

FOR REPORT 83-36-001 PROJECT — ORDER NO. 83-048

6	Soil samples for preparation	@ $0.70	$ 4.20
14	Rock samples for preparation	@ $2.50	$ 35.00
9	Tmace analyses for Au	@ $4.50	$ 40.50
9	Trace analyses for Cu. Pb. Zn & Ag	@ $4.10	$ 36.90
11	Cu Assays	@ $6.00	$ 66.00
11	Au & Ag Assays	@ $11.00	$ 121.00
	Total this invoice		$ 303.60

Please pay within 21 days.

2/3 BOMBINI = 202.40

1/3 MAUS - 120.20

PLEASE PAY BY INVOICE
NO STATEMENT WILL BE ISSUED.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,017

GRANBY RESOURCES LTD

BOMBINI PROJECT

GREENWOOD BC

NOV. 1983

MAGNETOMETER SURVEY (GAMMAS)

0 50 100 150 200 250 METERS

SCALE 1:500

LEGEND

CONTOUR INTERVAL = ± 0, 500, 700, 1000, 2000, 5000 GAMMAS

barbs point to mag. Low

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,017

N

GRANBY RESOURCES LTD
BOMBINI PROJECT
GREENWOOD BC

NOV. 1983

Soil Geochemistry - Gold (ppb)

0 50 100 150 200 250 METERS

SCALE 1:500

15 ppb contour
Barbs point to
Lower Values

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,017

GRANBY RESOURCES LTD

BOMBINI PROJECT

GREENWOOD BC

NOV. 1983

SOIL GEOCHEMISTRY - SILVER (PPM)

0 50 100 150 200 250 METERS

SCALE 1:500

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,017

N

GRANBY RESOURCES LTD

BOMBINI PROJECT

GREENWOOD BC

NOV. 1983

SOIL GEOCHEMISTRY - COPPER (PPM)

0 50 100 150 200 250 METERS

SCALE 1:500

—— 100 ppm contour