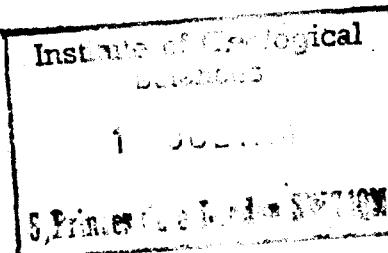


D. W. Bellwood.



SCOTLAND AND NORTH OF ENGLAND Cu Ni Mo etc.

Dating 6th June, 1972 - 30th June, 1973 -
extended to 31st March, 1974

During this period, many of the geochemical results pertaining to samples taken under the preceding claim time were received. As there was little encouragement in most of the areas, a geological check was made where anomalous values occurred. In five of these areas the anomalies were attributable to minor mineralisation or enhancement in the secondary environment so the ground was relinquished with little or no further work. One anomaly however, proved worthy of more detailed work and was then removed from this project to become the subject of an application in its own right. The areas involved are discussed individually below:

1. Fearn

As the soil cover here consisted of a thick layer of peat and glacial drift the soil sampling programme was abandoned. There were no signs of mineralisation in float material or the few outcrops, so it was decided that the geochemical anomaly was probably due to minor mineralisation and the ground was relinquished without further work.

2. Mullach

As with Fearn the geochemical anomaly was attributed to minor mineralisation whose effects have been enhanced by the secondary environment. Evidence for this was seen in the abundance of chalybeate seepages and the iron-stained soils. The area was then abandoned.

3. Dalbeattie (Bengairn - Aireland Moor)

The copper values were found to be compatible with the minor disseminated chalcopyrite in the granite exposed at Bengairn. The molybdenum anomaly off the southern flank of Bengairn was attributed to minor molybdenite which occurred in quartz veins there. As a result no further work was planned.

4. Taintry - Creetown

A combination of a minor non-economic molybdenum mineralisation and a secondary environment rich in scavenging manganese caused the molybdenum anomaly to be regarded as non-significant and the area was subsequently dropped.

5. Clerich (Aviemore)

The remaining follow up soil sampling was carried out during this period but the geological investigation showed that the anomaly was probably due to mineralisation in the shear zone and concentration by manganese scavenging in the secondary environment, so the area was abandoned.

6. Cockermouth

Work continued over the Torpenhow area with pitting and induced polarisation survey. Detailed Induced Polarisation work showed a discrete anomaly coincident with that seen in the results of the recce I.P. survey and the soil profile sampling results gave a copper zone only partially coincident with the geophysical one. As the evidence indicated that the area should be more fully investigated, separate application was then submitted establishing a new project to be known as Torpenhow.

Eugene Fane

LIST OF ENCLOSURES

Talnotry and Creetown

- / 6. Talnotry Molybdenum Areas - Craiglowrie:
soil sampling Copper/Molybdenum results.

Cockermouth

18. Detailed Geochemical sampling: Copper, Lead,
Zinc.
- / 19. Geochemical profiles, sections lines C-K; Copper
- / 20. " " " C-K; Lead
- / 21. " " " C-K; Zinc
- ✓ / 22. Detailed I.P.: Chargeability values.
- ✓ - 23. Detailed I.P.: Resistivity values.

Clerich (Aviemore)

- / 39. Alvie Estate; Extension of soil sampling grid,
Molybdenum.
- / 41. Kinreachy Estate; Extension of soil sampling
grid Copper/Molybdenum.

DATA SUPPLIED TO A.G.U. UNDER THE D.R.I. MINERAL INCENTIVE SCHEME

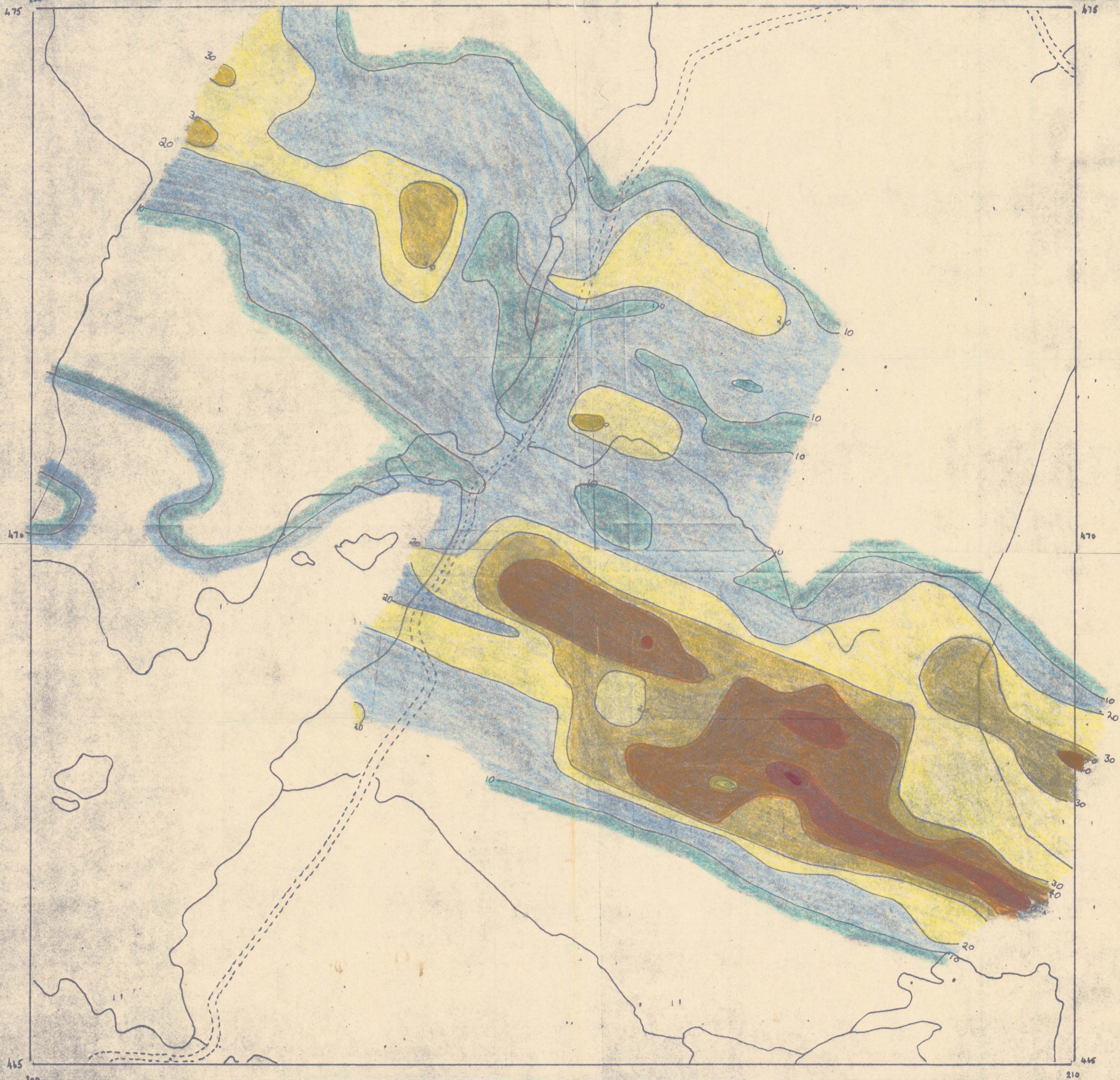
COMPANY: CONSOLIDATED GOLD FIELDS MRD 84/2/8
AREA/PROJECT TITLE: SCOURIE / FOINALE MMG /AE /
PHASE: III ON MAP: YEAR:
MINERALS SOUGHT: LEAD, ZINC, COPPER, MOLYBDENITE.
GEOPHYSICAL METHODS USED: IP, EM.

OTHER METHODS USED:

DATA SUPPLIED

- Fig 1. Part OS Sheet no 9 1" = 1 mile
- 2 Part of Sheet NC 24 NW - 6" : 1 mile
- 3 IP Chargeability map 1: 2500
- 4 IP Resistivity Map, 1: 2500
- 5 EM Imaginary component Scourie (High Frequency)
- 5 EM Map (Scourie Area)
- 7 IP profiles (Scourie)
- 8 IP profiles (Fornelle)

NOTES:-



Consolidated Gold Fields Ltd.
EXPLORATION

Project Cu Ni Mo

Area SCOURIE

Title I.P. CHARGEABILITY
msecs

Drawing No.

O.S. Map No. enlarged from 6" Sheet NC 24 NW

Scale 1:2500

Prepared by EJ

3

Date:

Drawn by:

Revisions

- 0 - 10<
- 10 - 20<
- 20 - 30<
- 30 - 40<
- 40 - 50<
- 50 - 60<
- 60 - 70<
- 70 - 80<
- 80 - 90<
- 90 - 100<
- >100

SIGNED on behalf of
CONSOLIDATED GOLD FIELDS LIMITED

St. L. S. ... Director

MAP N° 3

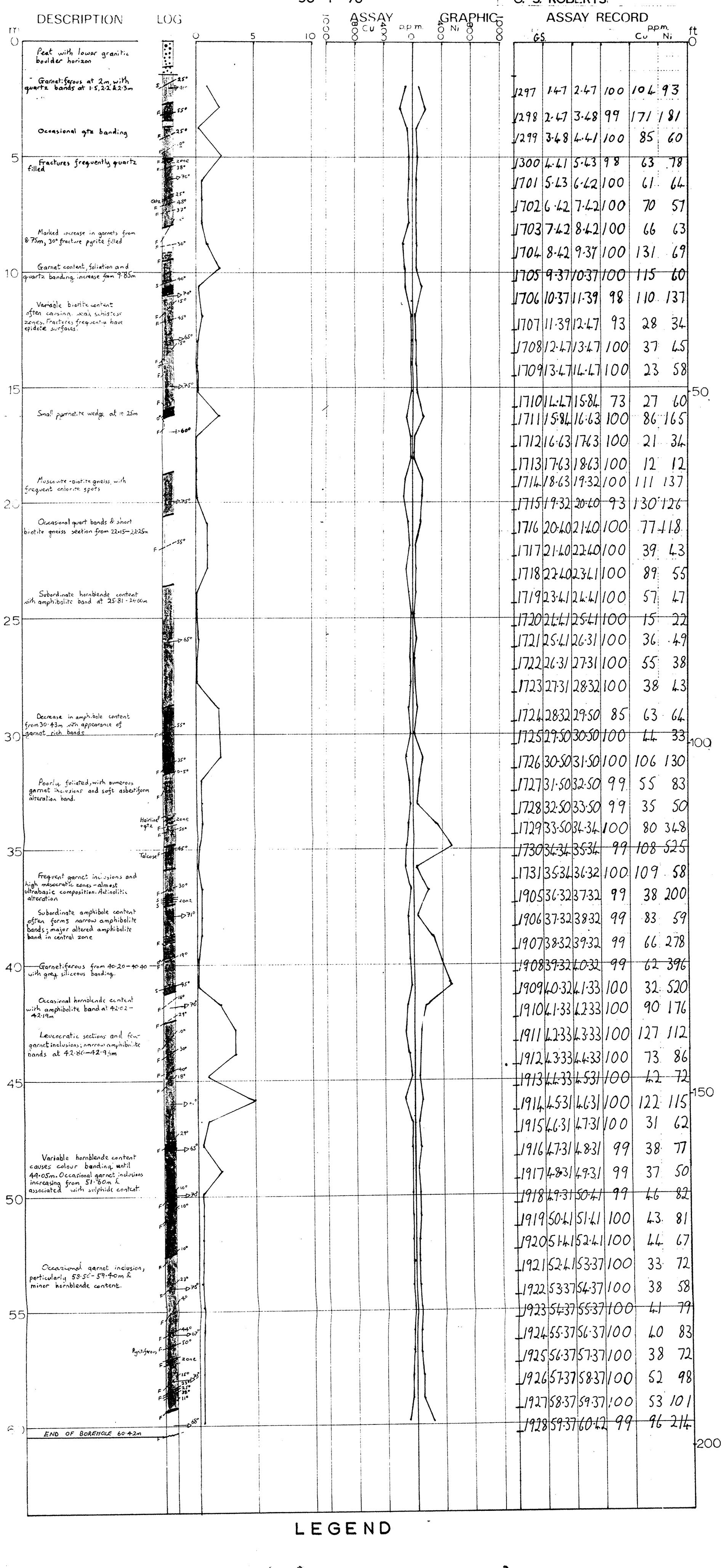
Consolidated Gold Fields Ltd.

GRAPHIC DRILL LOG

SCOURIE
Loch na Claise Fearne
ENCORE LTD.
24-1-76
30-1-7620834663
325 ft
020°
50°
G. S. ROBERTS

SBH 1

1:125



LEGEND



- Overburden
- Acid Gneiss / Quartz Feldspar Band
- Garnet Gneiss
- Garnet-Biotite Gneiss
- Biotite Gneiss
- Hornblende-Biotite Gneiss
- Hornblende Gneiss
- Garnet Amphibolite
- Amphibolite
- Ultrabasic Gneiss
- Alteration
- Sub-massive Sulphide Mineralisation
- Fracture Zone

F --- 45° Fracture
 S --- 40° Shear
 → 70° Foliation } with inclination in degrees marked but not shown to scale

— Lithological Unit As described in geological
 --- Lithological Sub-unit log

Consolidated Gold Fields Ltd.

GRAPHIC DRILL LOG

SCOURIE
Loch na Claise Fearne
ENCORE LTD.
1-2-76
5-2-76

20674674

325 ft

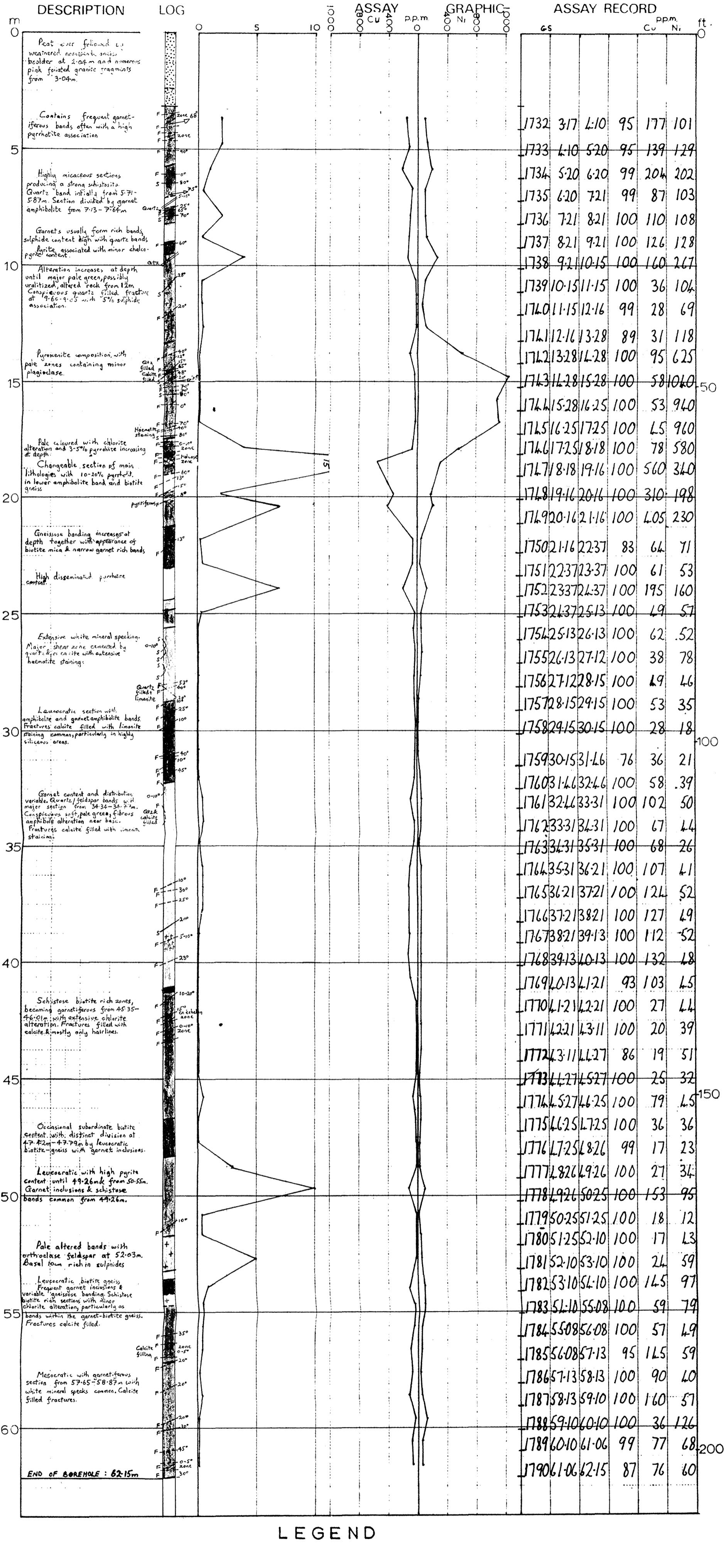
SBH 2

020°

50°

G. S. ROBERTS

1:125



LEGEND



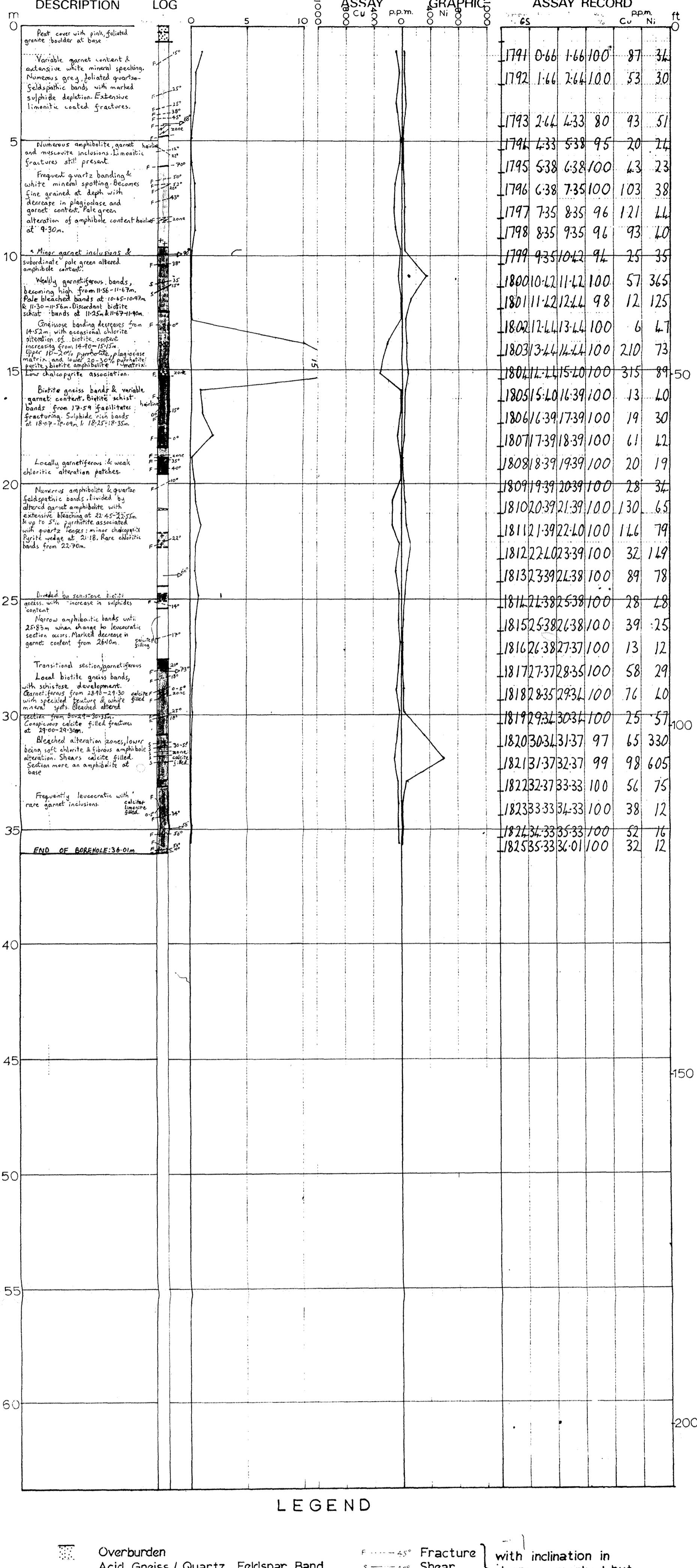
- Overburden
- Acid Gneiss / Quartz Feldspar Band
- Garnet Gneiss
- Garnet-Biotite Gneiss
- Biotite Gneiss
- Hornblende-Biotite Gneiss
- Hornblende Gneiss
- Garnet Amphibolite
- Amphibolite
- Ultrabasic Gneiss
- Alteration
- Sub-massive Sulphide Mineralisation
- Fracture Zone

- F --- 45° Fracture } with inclination in degrees marked but not shown to scale
- S --- 40° Shear }
- 70° Foliation }
- Lithological Unit As described in geological log
- Lithological Sub-unit

Consolidated Gold Fields Ltd.

GRAPHIC DRILL LOG

Name	SCOURIE	Collar Co-ordinates	20694677	DDH No
Location	Loch na Claise Fearn	Collar Elevation	325 ft	SBH 3
Drilled by	ENCORE LTD.	Orientation	020° Grid N	
Date Started	7-2-76	Inclination	50°	S. Scale
Date Completed	8-2-76	Surveyor	G. S. ROBERTS	1:125



par Band

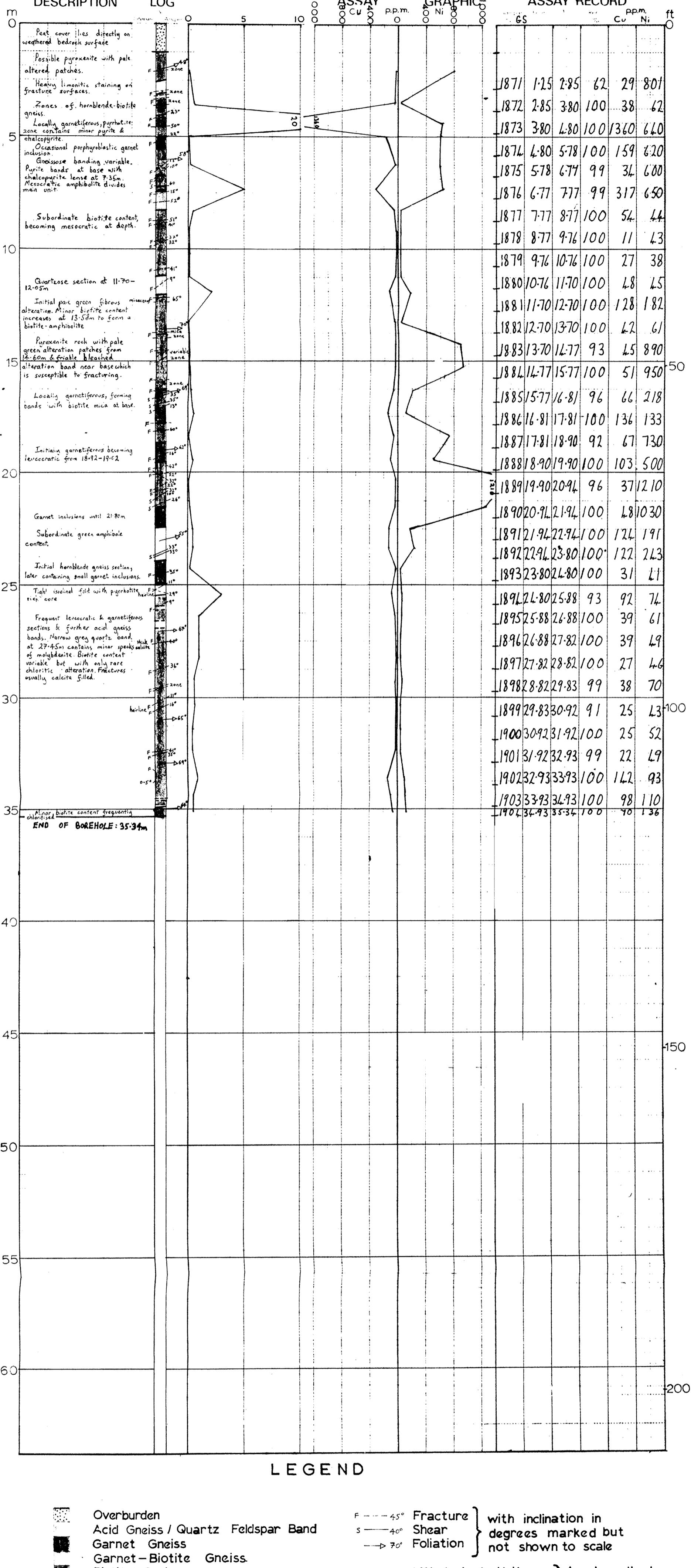
Biotite Gneiss
Hornblende-Biotite Gneiss
Hornblende Gneiss
Garnet Amphibolite
Amphibolite
Ultrabasic Gneiss
Alteration
Sub-massive Sulphide Mineralisation
Fracture Zone

— Lithological Unit } As descr
 Division in geolog
 log
--- Lithological Sub-unit
 Division

Consolidated Gold Fields Ltd.

GRAPHIC DRILL LOG

Area	SCOURIE	Collar Co-ordinates	19394830	DDH No.
Location	Foindle	Collar Elevation	275 ft	SBH 5
Drilled by	ENCORE LTD.	Orientation	045° Grid N	
Date Started	17-2-76	Inclination	50°	
Date Completed	20-2-76	Geologist	G. S. ROBERTS	Scale 1:125

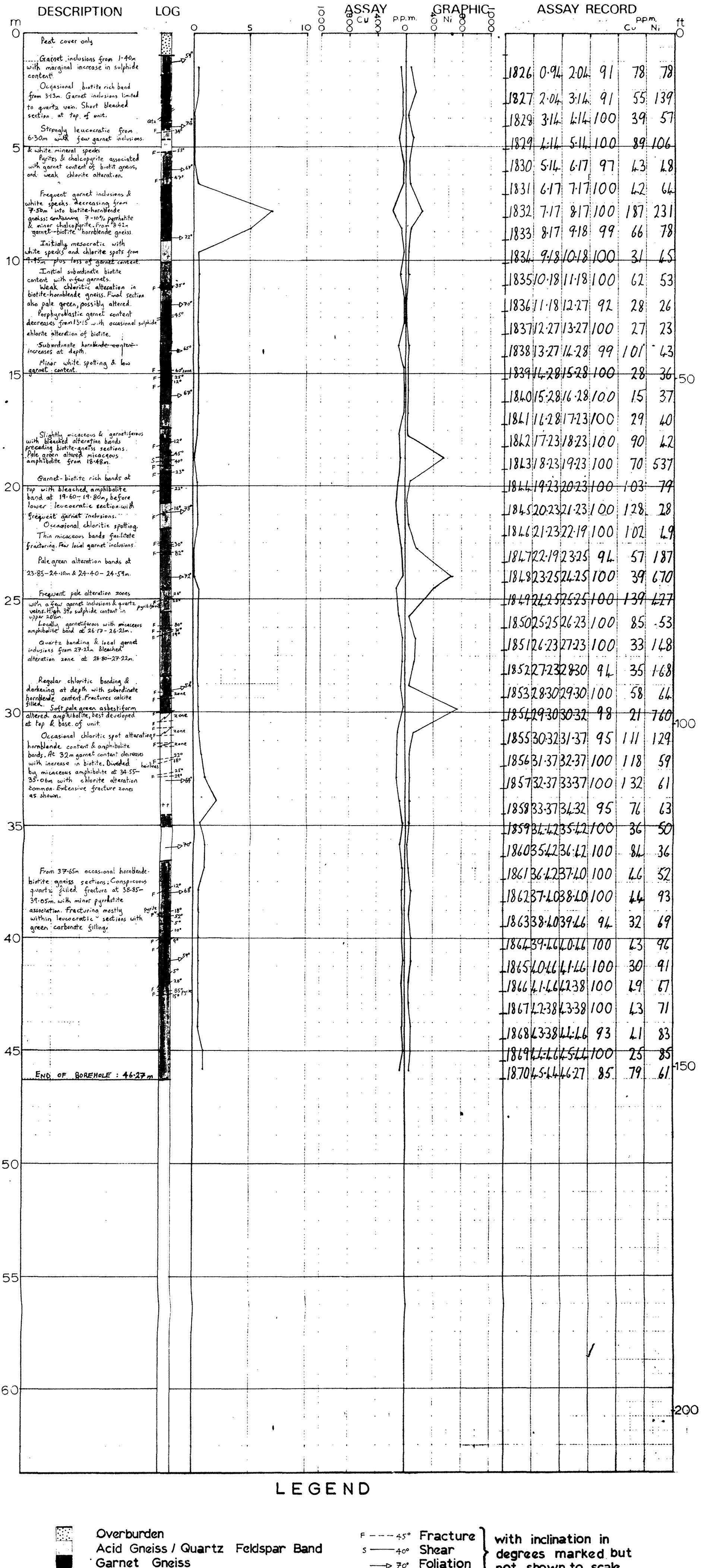


LEGEND



- Overburden
- Acid Gneiss / Quartz Feldspar Band
- Garnet Gneiss
- Garnet-Biotite Gneiss
- Biotite Gneiss
- Hornblende-Biotite Gneiss
- Hornblende Gneiss
- Garnet Amphibolite
- Amphibolite
- Ultrabasic Gneiss
- Alteration
- Sub-massive Sulphide Mineralisation
- Fracture Zone

- F --- 45° Fracture
- S — 40° Shear
- 70° Foliation
- { with inclination in degrees marked but not shown to scale}
- Lithological Unit
- Lithological Sub-unit
- { As described in geological log
- Division
- Division

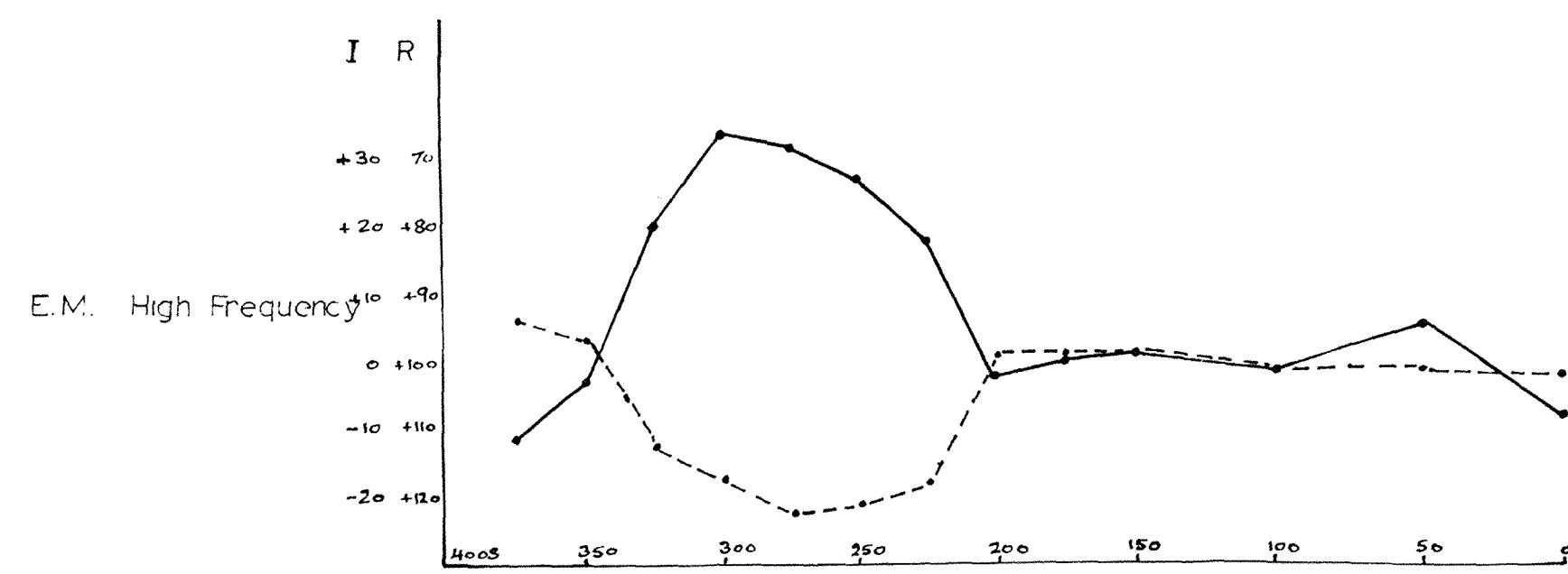
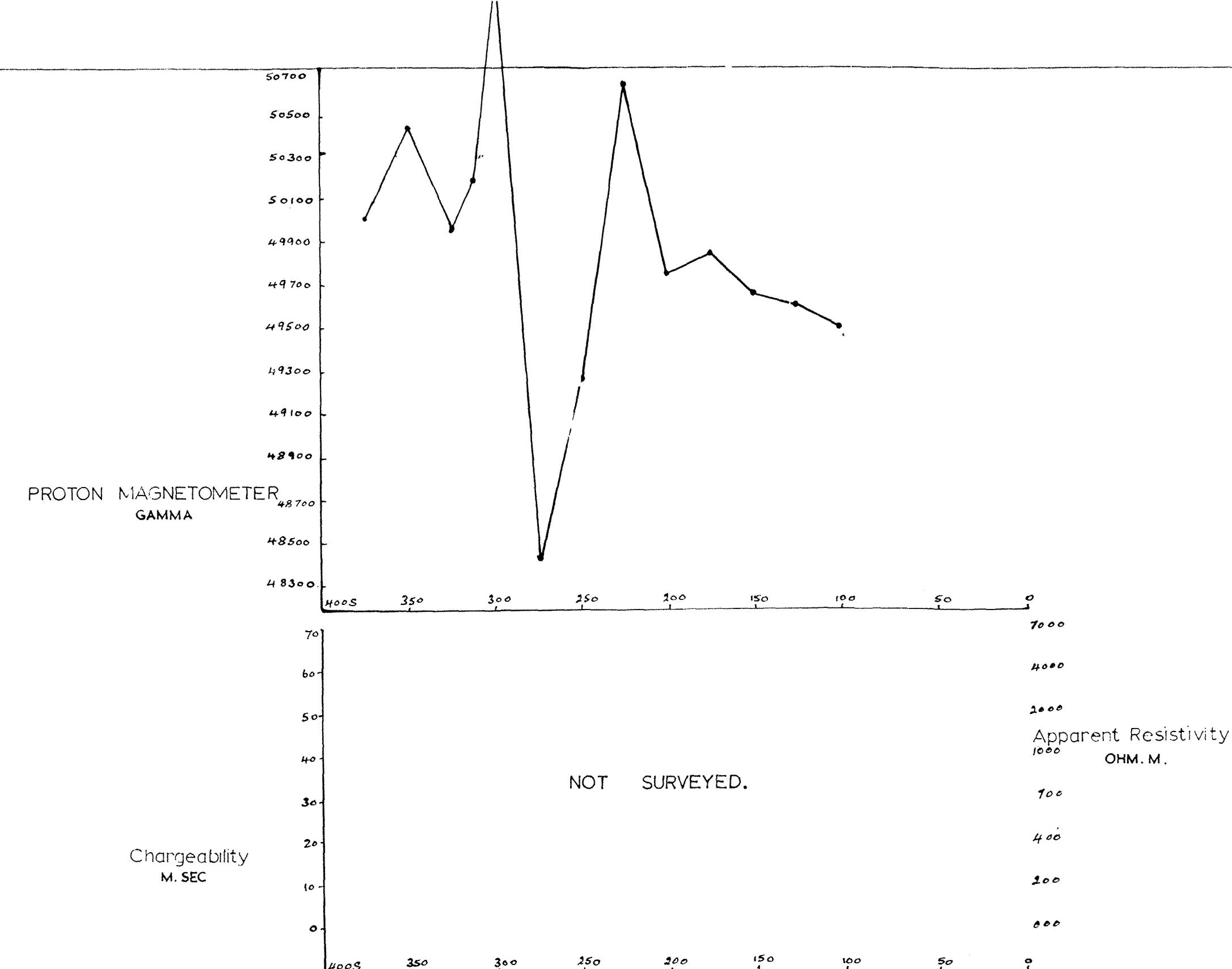


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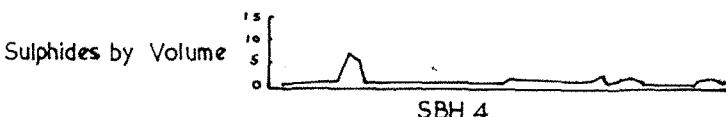


Overburden
Acid Gneiss / Quartz Feldspar Band
Garnet Gneiss
Garnet-Biotite Gneiss
Biotite Gneiss
Hornblende-Biotite Gneiss
Hornblende Gneiss
Garnet Amphibolite
Amphibolite
Ultrabasic Gneiss
Alteration
Sub-massive Sulphide Mineralisation
Fracture Zone

F --- 45° Fracture
S --- 40° Shear
→ 70° Foliation } with inclination in degrees marked but not shown to scale
— Lithological Unit Division
--- Lithological Sub-unit Division } As described in geological log



SBH 4



Consolidated Gold Fields Ltd.

EXPLORATION

Project: Cu . Ni . Mo

Area: SCOURIE

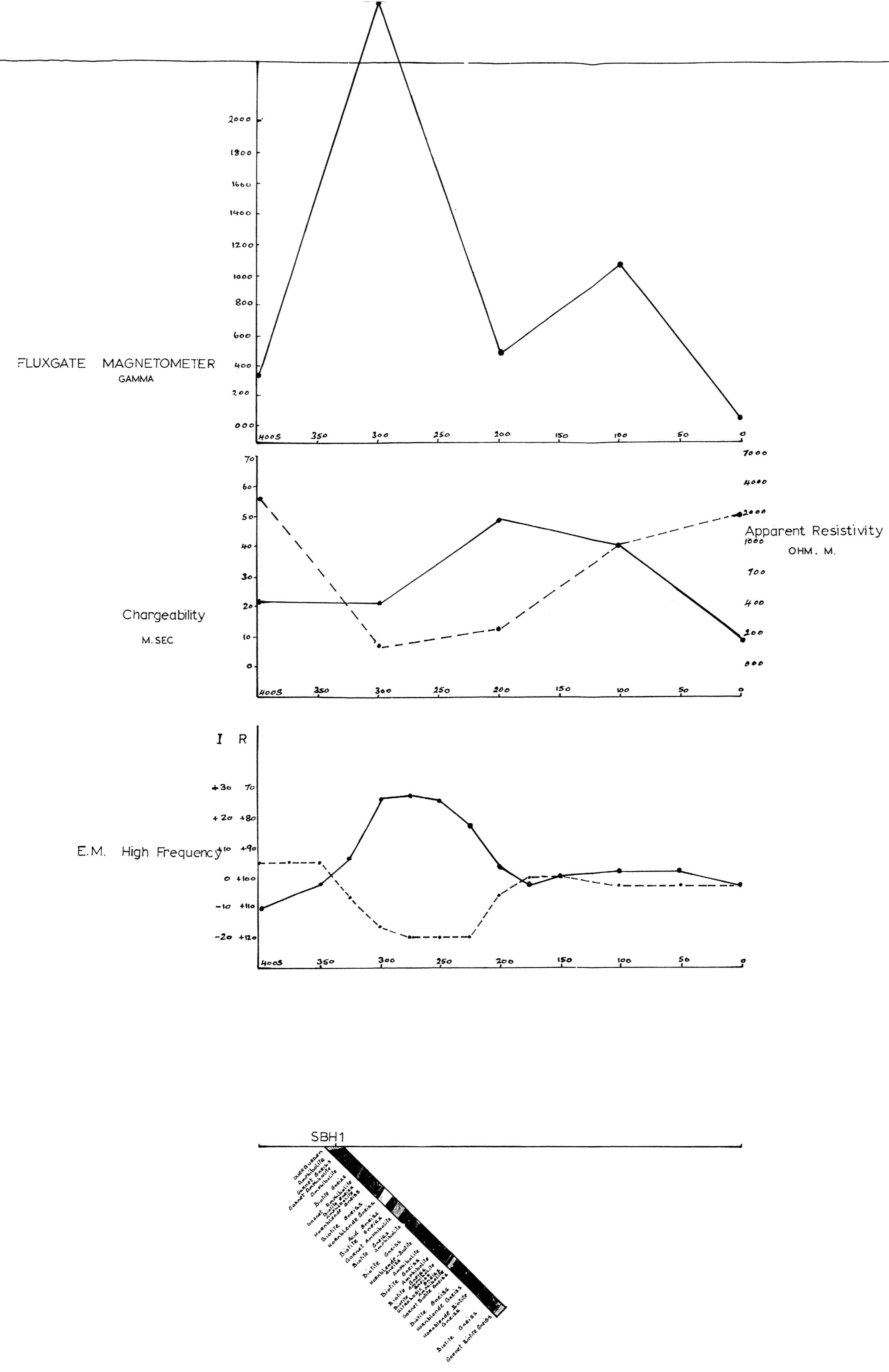
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AND GEOPHYSICAL PROFILES.

Drawing No.	O.S. Map No.
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Scale: 1 cm = 25' Prepared by:

5	Date: 7. 3. 76	Drawn by: S.A.M
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5



Consolidated Gold Fields Ltd.

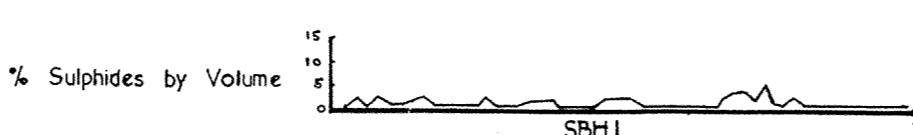
EXPLORATION

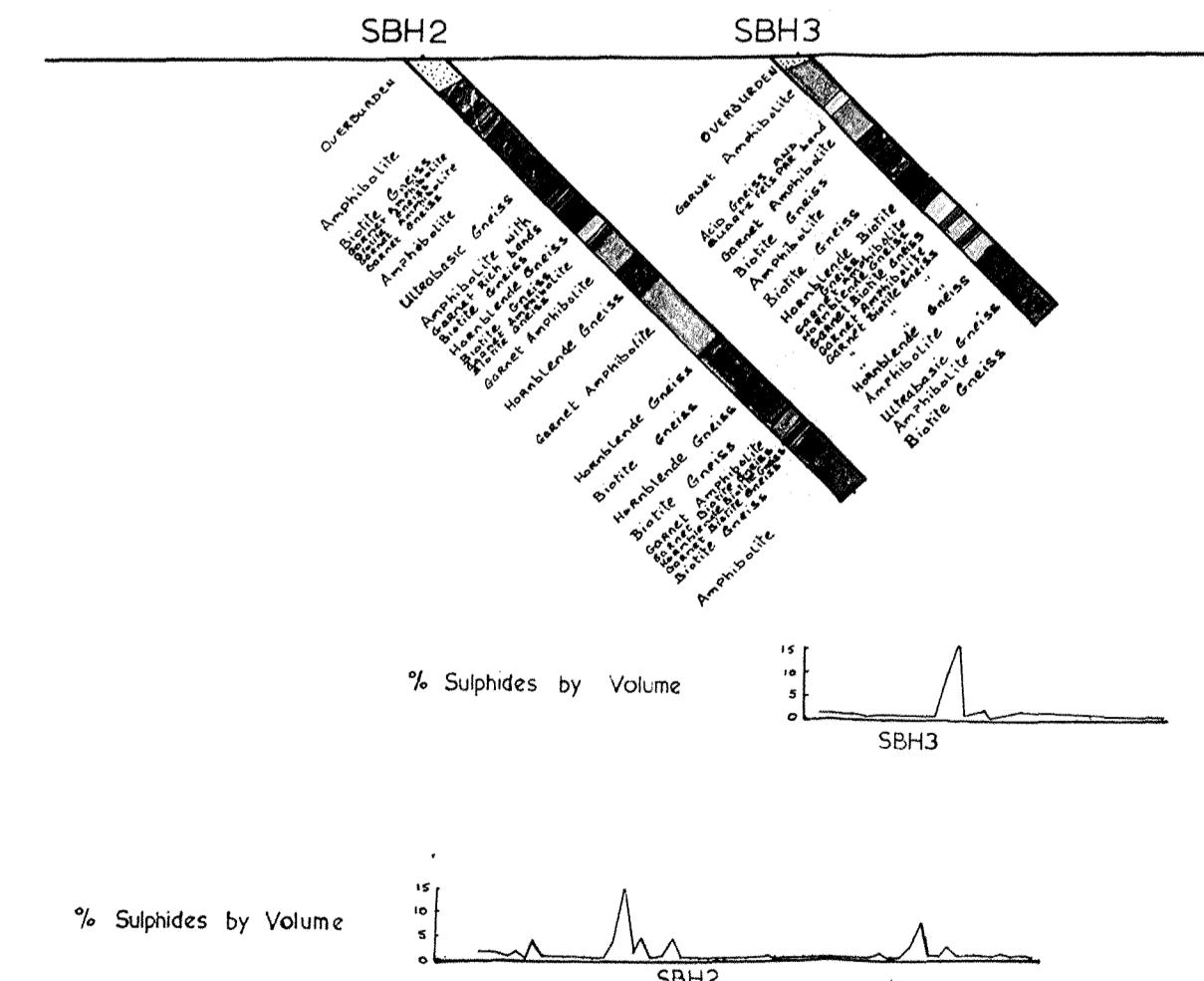
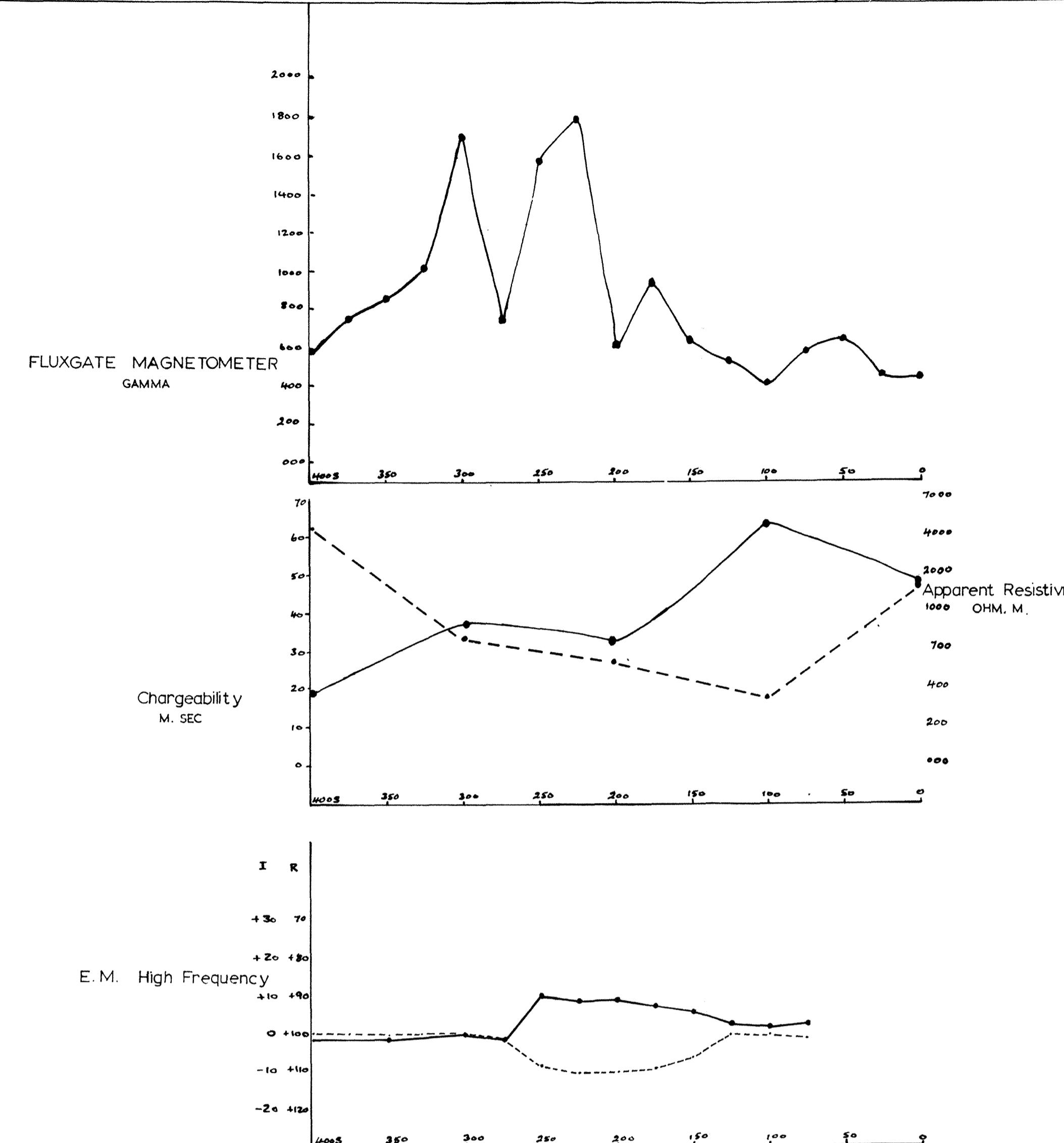
Project: Cu. Ni. Mo

Area: SCOURIE

Title: CROSS SECTION THROUGH SBH1
AND GEOPHYSICAL PROFILES.

Drawing No.	O.S. Map No.
3	Scale: 1 cm = 25'
	Date: 7. 3. 76
	Prepared by: Drawn by: S. A.M





Consolidated Gold Fields Ltd.

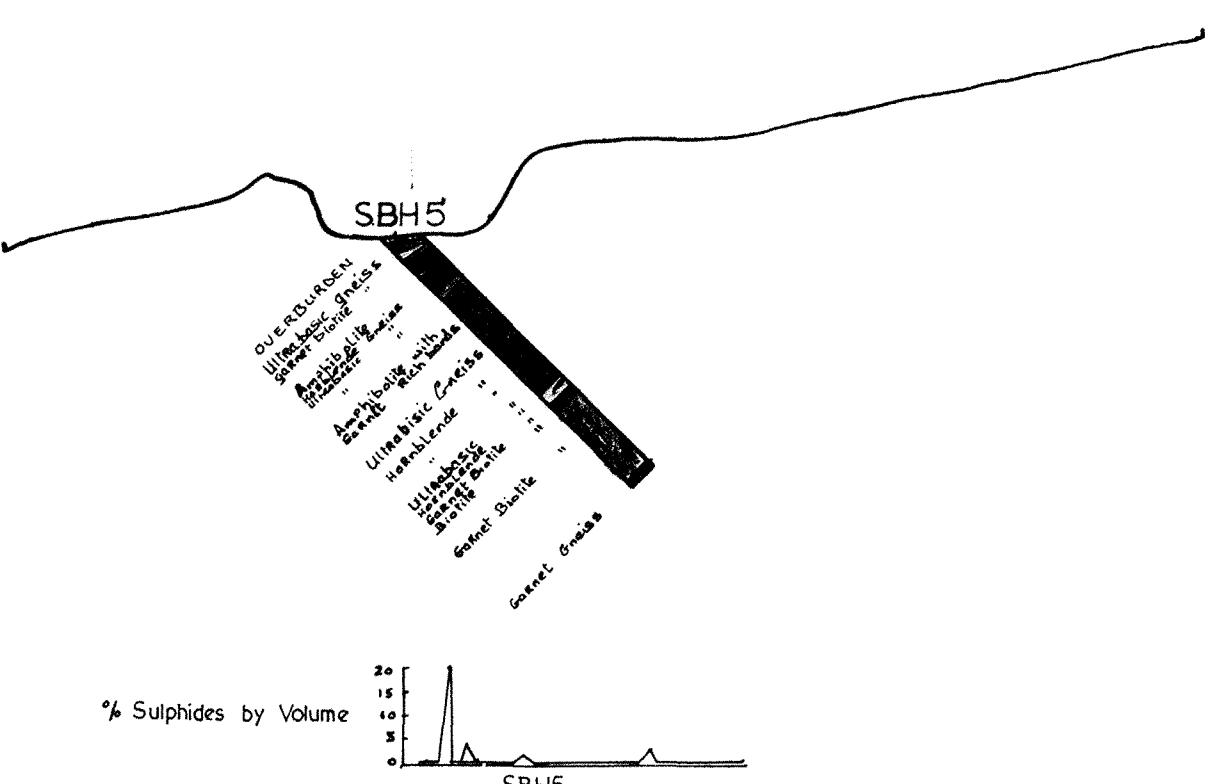
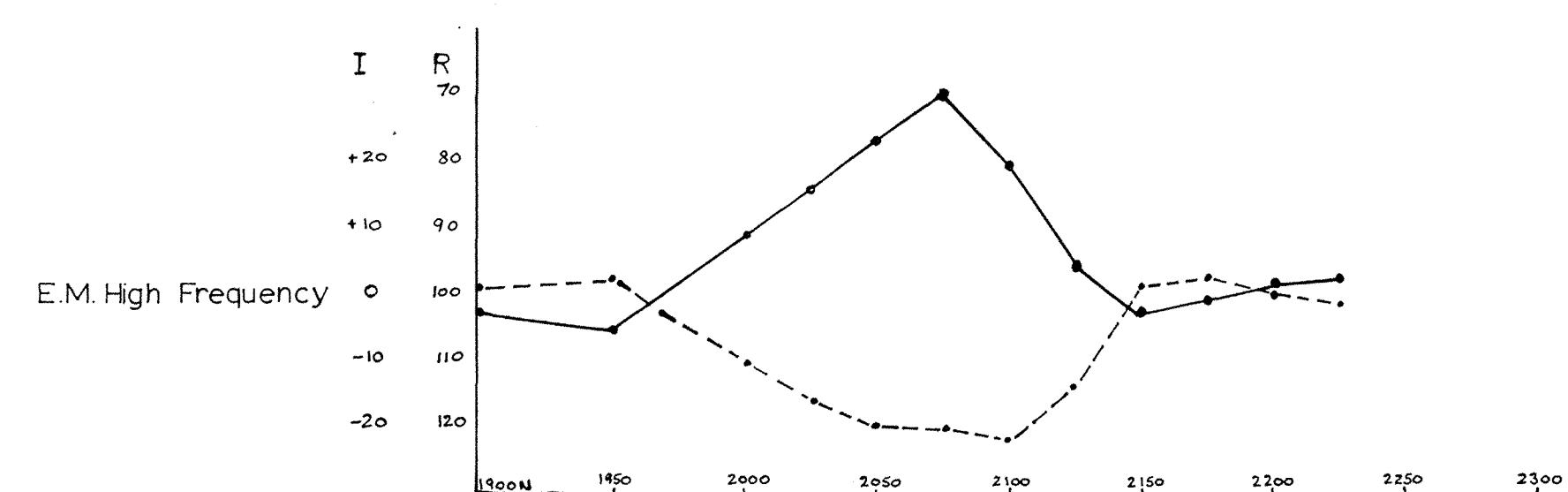
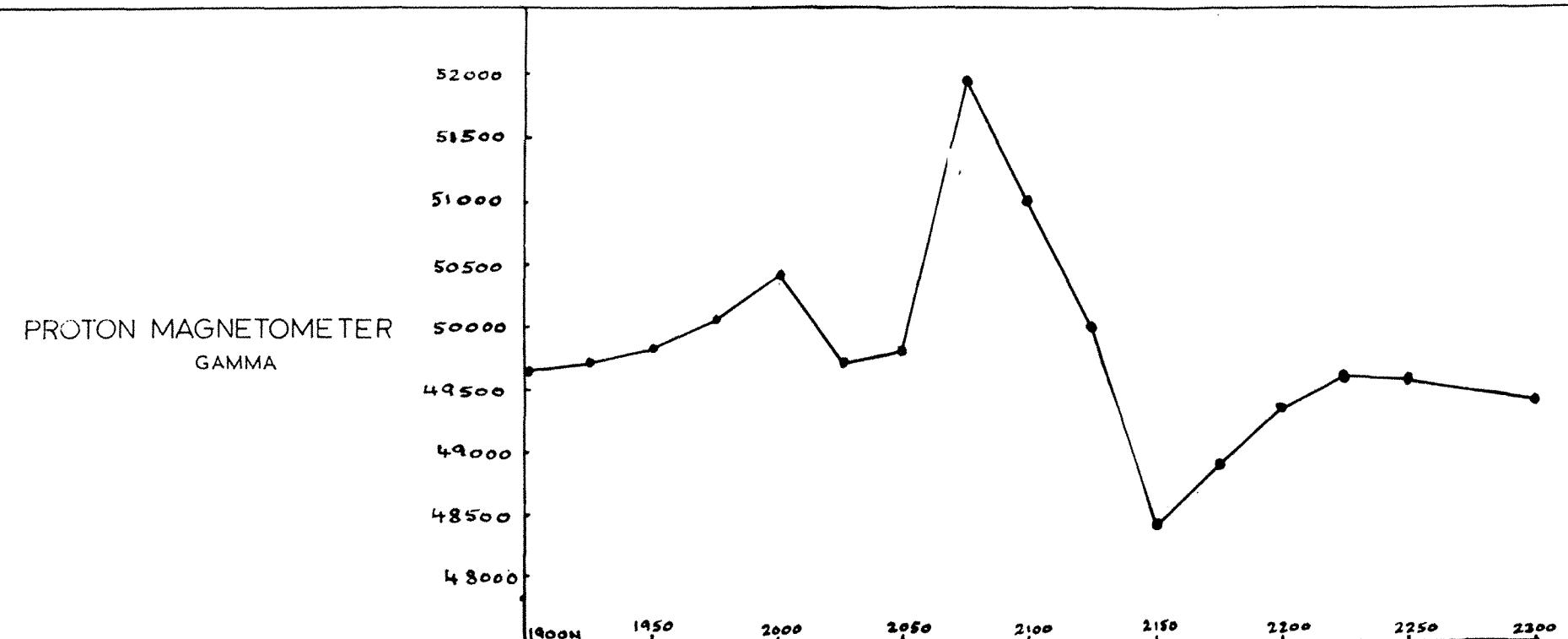
EXPLORATION

Project: Cu. Ni. Mo		
Area: SCOURIE		
Title: CROSS SECTION THROUGH SBH2 & 3 AND GEOPHYSICAL PROFILES.		
Drawing No. 4	O.S. Map No.	
	Scale: 1 cm = 25'	Prepared by:
	Date: 7. 3. 76	Drawn by: S.A.M
	Revisions:	

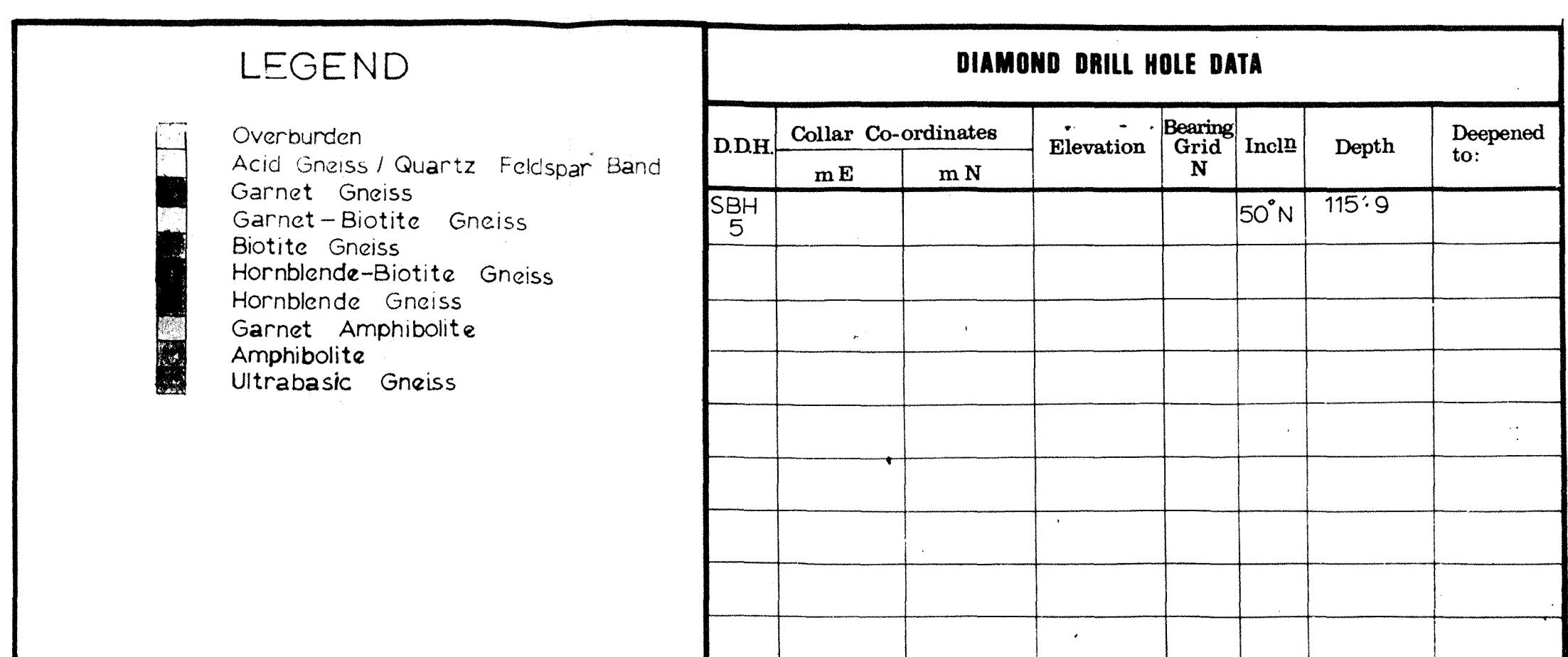
LEGEND

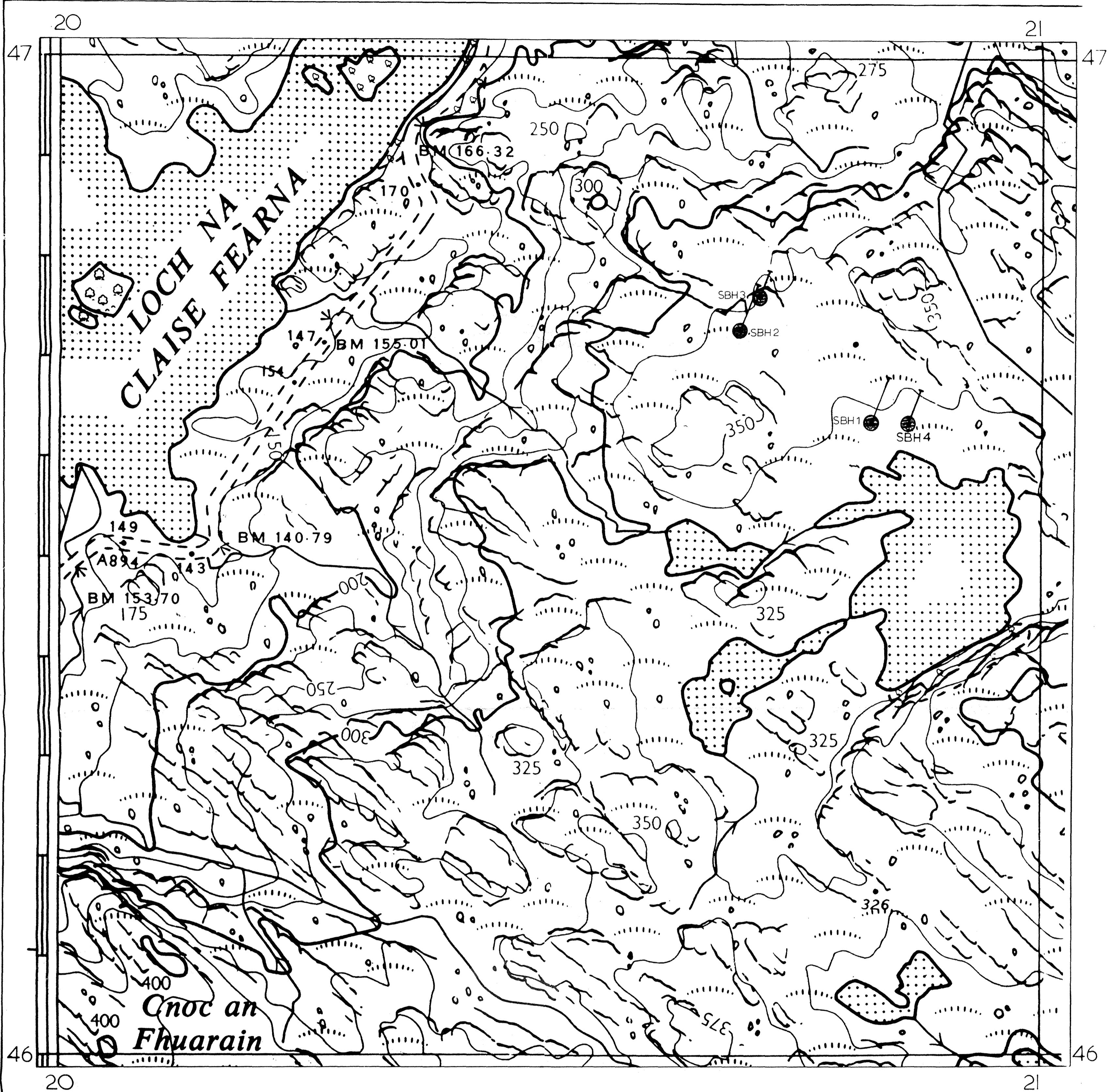
Overburden
Acid Gneiss / Quartz Feldspar Band
Garnet Gneiss
Garnet-Biotite Gneiss
Biotite Gneiss
Hornblende-Biotite Gneiss
Hornblende Gneiss
Garnet Amphibolite
Amphibolite
Ultrabasic Gneiss

DIAMOND DRILL HOLE DATA



Consolidated Gold Fields Ltd.		
EXPLORATION		
Project:	Cu Ni Mo	
Area:	SCOURIE	
Title: CROSS SECTION THROUGH SBH 5 AND GEOPHYSICAL PROFILES.		
Drawing No.	O.S. Map No.	
6	Scale: 1c.m.:25'	Prepared by:
	Date: 9. 3. 75	Drawn by: S.A.M
Revisions:		





Consolidated Gold Fields Ltd.

SCOTTISH EXPLORATION

Title SCOURIE DIAMOND DRILL HOLE LOCATION.

PLAN NO	O.S. MAP NOS NC 14 NE	
1	Scale 1 : 2500	Drawn by
	Date 17 - 3 - 76	Checked by



Consolidated Gold Fields Ltd.

SCOTTISH EXPLORATION

TIME SCOURIE DIAMOND DRILL HOLE LOCATION

PLAN NO. O.S. MAP N. NC 14 NE

2

Scale 1 : 2500

17 - 3 - 76



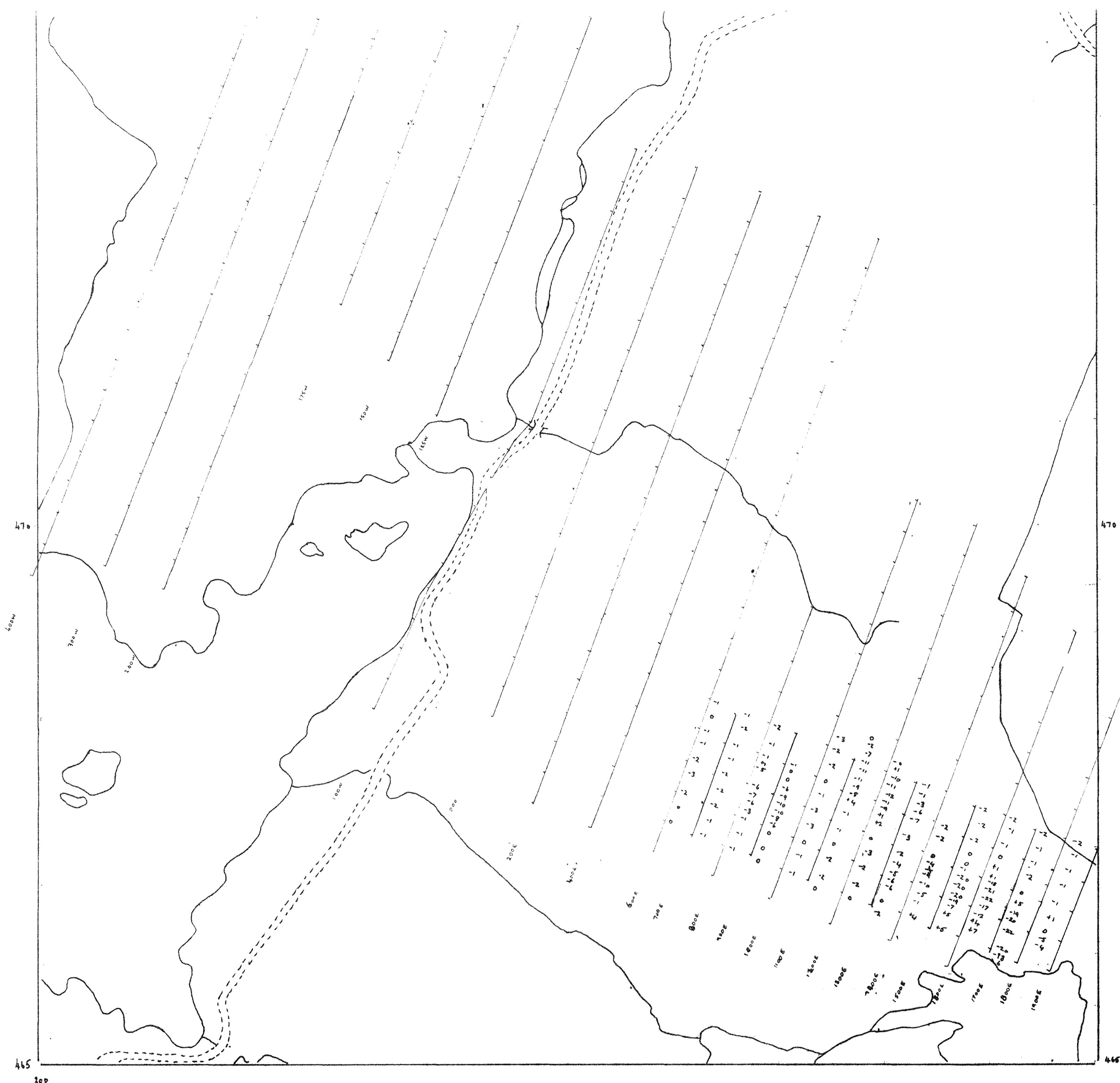
Consolidated Gold Fields Ltd.
EXPLORATION

Project	Cu Ni Mo
Area	SCOURIE
Title	E.M. "Imaginary Component" High Frequency
Drawing No	O.S. Map No enlarged from 6" Sheet NC 24 NW 5
Scale	1:2500
Date	Prepared by EJ
Revised by	Drawn by

SIGNED on behalf of
CONSOLIDATED GOLD FIELDS LIMITED

L. C. Han Director

MAP N° 5



Consolidated Gold Fields Ltd.

EXPLORATION

Project C N M

La N: Mo

Title EM Imaginary Component High Frequency

Drawing No.

O.S. Map No enlarged from 6" Sheet NC 24 NW

Scale 1:2500

Prepared by E J

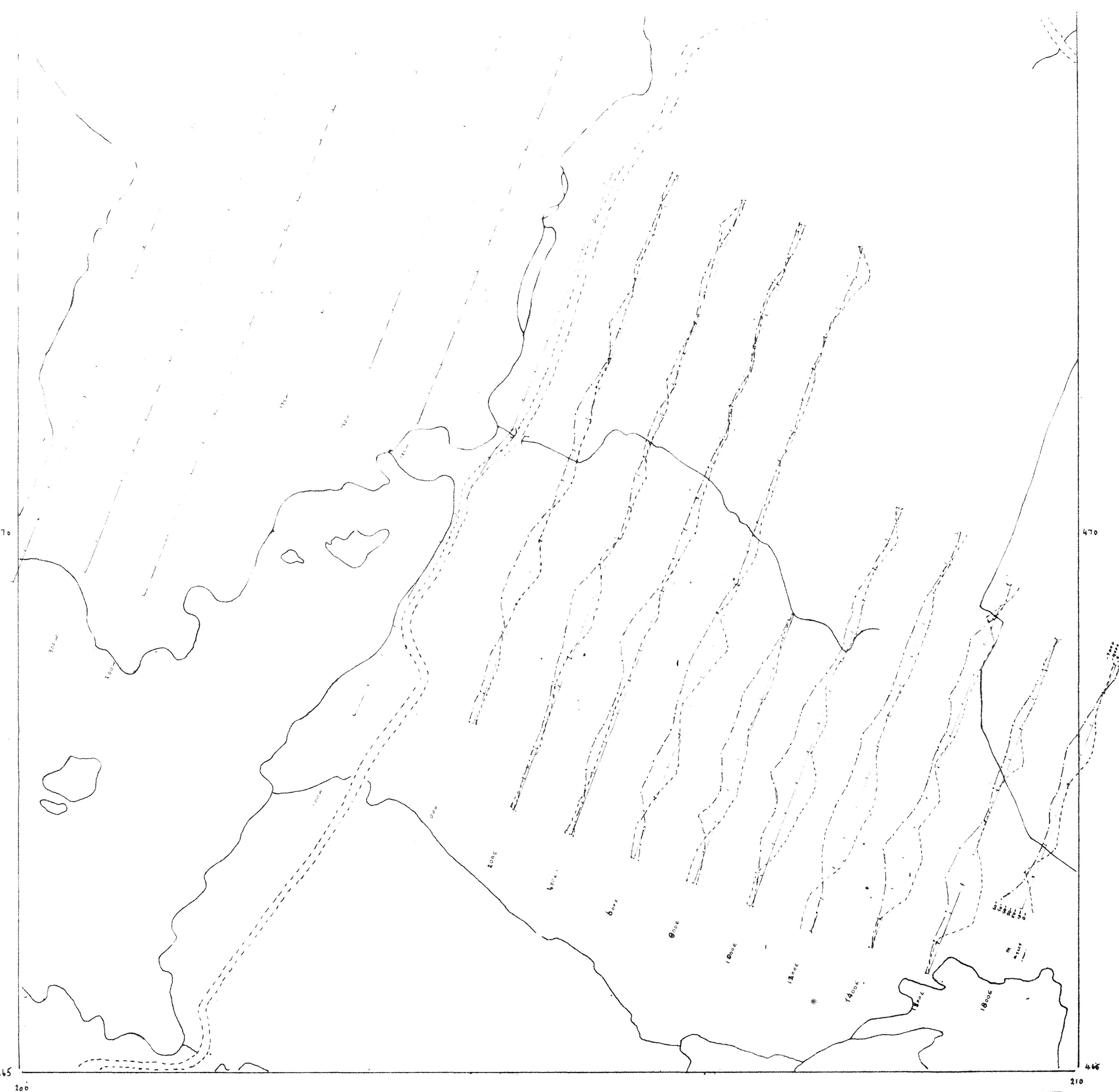
Part

Drawn by

Revisions:

SIGNED on behalf of
CONSOLIDATED GOLD FIELDS LIMITED

H. L. Hawn, Director



Consolidated Gold Fields Ltd.
EXPLORATION

Project Cu Ni Mo

Area SCOURIE

Title

I.P. PROFILES

Drawing No O.S. Map No enlarged from 6" Sheet NC24NW

Scale 1:2500

Prepared by EJ

7

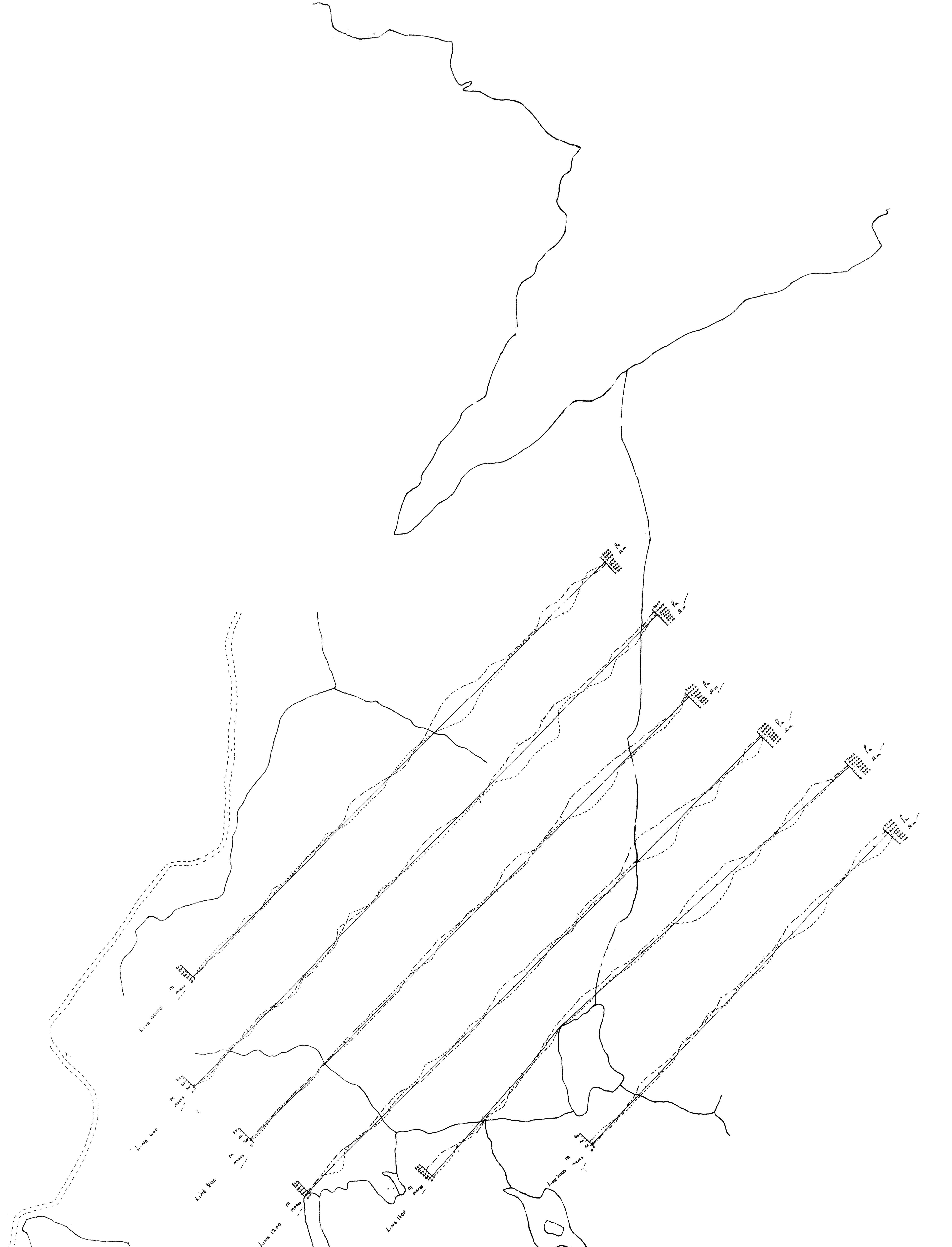
Drawn by

Revisions

SIGNED on behalf of
CONSOLIDATED GOLD FIELDS LIMITED

St. John Director

MAP N° 7

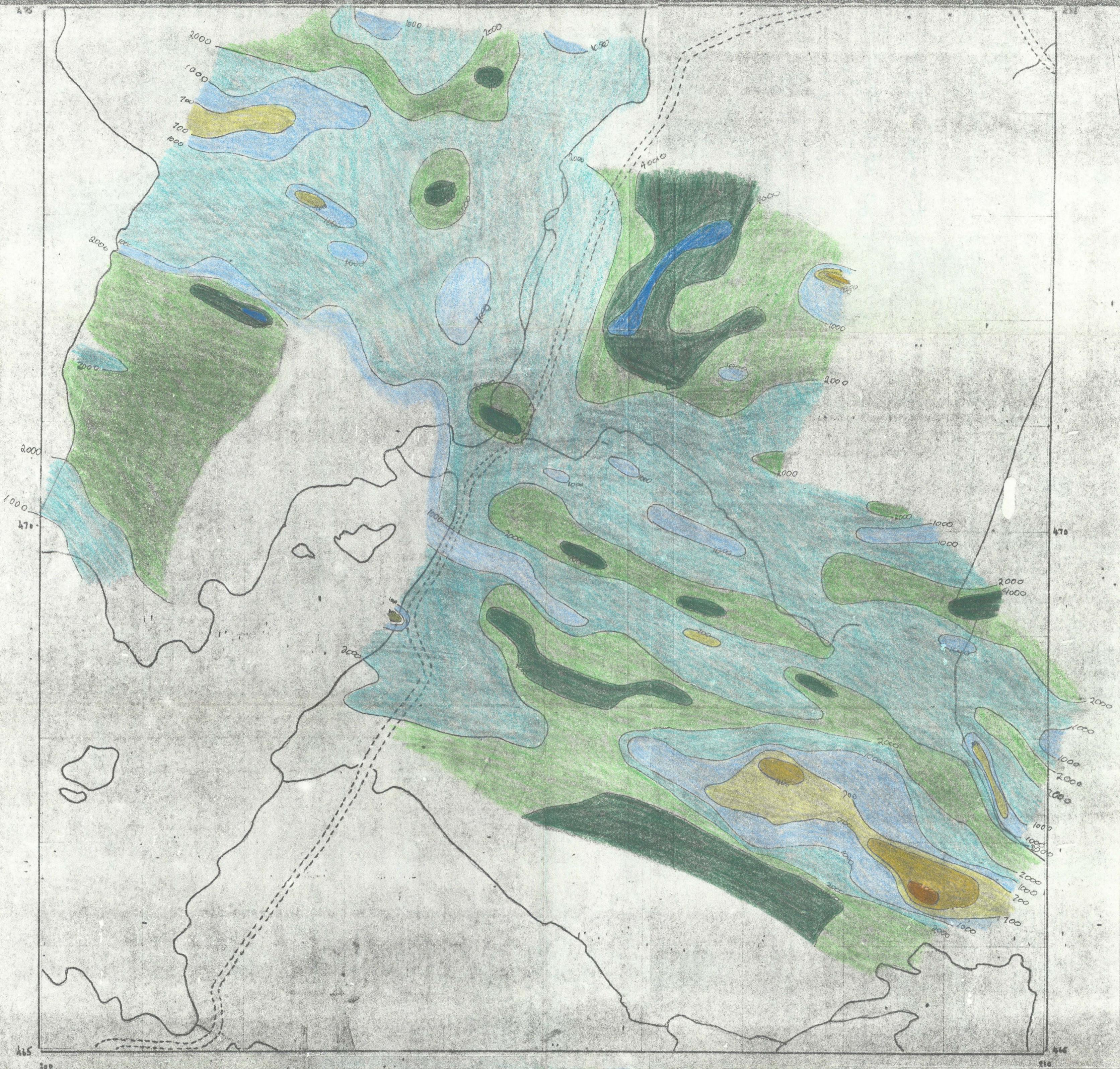


Consolidated Gold Fields Ltd.	
EXPLORATION	
Project: Cu-Ni-Mo	
Area: Scourie - Foinaven	
I.P. PROFILES P = Apparent Resistivity M = Chargeability	
Plotting No. 8	Map No. MAP N° 8
Scale 1:2500	Prepared by
Date 9/9/75	Drawn by
Revisions	

SIGNED on behalf of
CONSOLIDATED GOLD FIELDS LIMITED

J. C. L. ... Director

MAP N° 8



Consolidated Gold Fields Ltd.

EXPLORATION

Project: Cu Ni Mo

Area: SCOURIE

Title: I.D APPARENT RESISTIVITY
2m

Drawing No.

O.S. Map No. enlarged from 6" Sheet NC 24 NW

Scale: 1:2500

Prepared by: EJ

Date:

Drawn by:

Revisions:

- < 200 Ωm
- 200 - 400
- 400 - 700
- 700 - 1000
- 1000 - 2000
- 2000 - 4000
- 4000 - 7000
- 7000 and above

SIGNED on behalf of
CONSOLIDATED GOLD FIELDS LIMITED

J. L. Haw.. Director

Commercial-In-Confidence

MAP N°4

AE34