

5/6/72

MINERAL EXPLORATION INCENTIVE SCHEME

Supplementary Application for
Assistance

1. Applicant Consolidated Gold Fields Limited
Address 49 Moorgate, London EC2R 6BQ
Telephone No. 01-606-1020
Contact Mr. R.B. Riley or Mr. F. Blurton

2. Project title Scotland & N. England copper-nickel-
molybdenite (formerly Scotland copper
& nickel (AE 2) and Scotland and N.
England molybdenite etc. (AE 3))

3. Applicant's organisation
& financial structure

Please see the Company's letter dated 30th July, 1971.

SCOTLAND COPPER & NICKEL

Outline of project,
including geological considerations

Please see this Company's letter dated 30th July, 1971 and its accompanying plan: overlay No.1 to the 1 inch to 10 miles Geological Map of G.B. Sheet 1.

This project was initiated to test areas of ultrabasic and basic rock for their copper and nickel potential and the seven areas involved are shown on the overlay numbered 11, 12, 13, 14, 15 and 29, 30.

Programme

This application for assistance was drawn up to cover the following phases of exploration:-

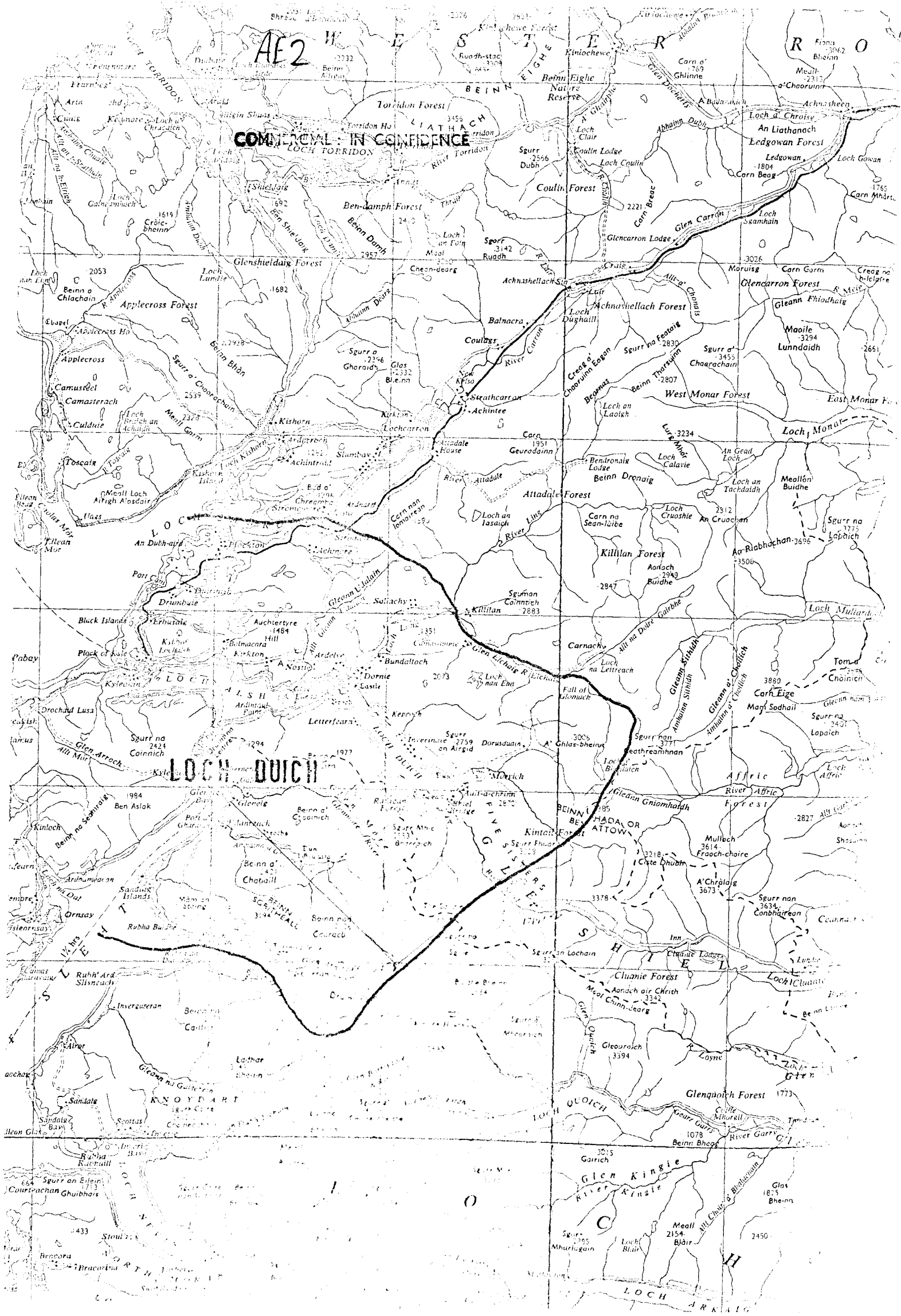
- (i) Reconnaissance stream sampling over those areas in this programme which had not already been sampled prior to the initial application.
- (ii) Initial follow-up on anomalies located by the stream sediment work to confirm or disprove them. This consists of more closely spaced stream sediment sampling and soil sampling together with a thorough geological examination of the area surrounding the sites of anomalous values to look for signs of mineralisation or alternatively man-made objects which could cause the anomalies.

The stream sediment sampling surveys on several areas were considerably delayed owing to sporting activities and bad weather and were not finally completed until February 1972. With the exception of Nos. 29 and 30 all the areas showed some initial promise with anomalous zones requiring follow-up work.

The initial follow-up work was progressively carried out in all the areas; the last being completed in March 1972.

The results of this work have not been encouraging. Some of the anomalies were not confirmed by closer sampling and "scavenging" by certain metals caused others. A geological examination either failed to give encouragement or showed that the anomalies were derived from geological bodies too small to be of economic significance. In some cases contamination from man-made objects almost certainly caused anomalous metal values to be recorded from the stream sediments.

Therefore none of these areas has been recommended for the next phase - that of intensive soil geochemistry and geophysical work - and it is not our intention to submit a further application for assistance for these areas.



INTRODUCTION.

The original reconnaissance geochemical survey was carried out over the Scourie estate before the mineral incentive scheme became operative but the results have been included here for completeness (Fig 1). This early work gave rise to some moderately encouraging results that required following up but access to the estate was refused for some time. Agreement was reached in April 1974 and a programme of geochemical and geophysical work in association with a geological investigation was submitted under the Mineral Incentive Scheme application for Scotland and North of England Cu Ni Pb Stage II follow up.

PRELIMINARY FOLLOW UP.

Several anomalous zones had been indicated chiefly for zinc with some high copper and nickel values. The preliminary follow up involved more detailed stream sediment sampling with adjacent base of slope soil sampling. Due to spate conditions and to the peaty nature of the streams themselves, very few satisfactory sediment samples were collected. Soil samples were not considered suitable at this early stage as they do not represent as large an area as stream sediments. A sample spacing of 400' was intended but this was altered considerably to suit the time available as well as the nature of the ground. The results (Fig 2 - 6) were generally poor but this could be due as much to the unfavourable sampling environment which gave little choice other than peat or fresh rock as to a lack of mineralization. Only the zinc values were plotted because it was hoped that zinc might act as a pathfinder being a more easily released and more mobile element than the other base metals. The remaining elements of the spectrographic scan showed very little variation above their detection limit or a normal background but the few high values which did occur are indicated on the accompanying diagrams.

A limited programme of rock sampling was undertaken along the most promising streams and a long cliff exposure beside Loch Claise na Fearnna provided a good cross section of the fundamental rock types. The sample locations have been plotted on Figs 2 - 6 and the results given in Tables I & II. The majority were of little interest with any high metal values being due to silicate metal in the more basic rocks. PSR 21 however ran 9000 ppm lead, 5000 ppm zinc and 800 ppm copper. These figures were confirmed by re-analysis and a polished section showed an intimate association of galena and sphalerite with minor chalcopyrite. As the specimen had been taken from the roadside outcrop there was no suitable drainage that might have revealed such mineralization.

The whole geological environment was reviewed in the light of this unexpected lead occurrence and the possibility of a Broken Hill type metamorphic lead-zinc deposit considered. A programme of geophysics, mainly Induced Polarization (I.P.) and magnetometry was devised to test this theory.

FOLLOW UP.

An I.P. grid of lines 200' apart and stations at 100' intervals was established with the lines 20° east of North. A pseudo section on the first line indicated that $n = 2$ was the most suitable arrangement for the dipole-dipole array with a 100' electrode separation. Complementary magnetometry was done by the back electrode operator and a final total of 5 line miles were read.

The results are shown in Figs 7 to 10. There was no significant response over the PSR 21 locality but a moderately anomalous feature to the south developed/

developed towards the east. The grid was tailored to follow it and a second stage of I.P. and magnetometry defined the anomaly as between 300' and 600' wide with apparent resistivities of $< 200 \Omega m$ and chargeabilities up to 60 msec before the existence of a lock made suitable electrode arrangements impossible. The magnetic profile had been very even but a strong narrow zone developed at the southern end of line 03E. At this point it was south of the I.P. anomaly but the two became coincident by line 07E. An attempt to trace a westerly, perhaps fault offset extension of the anomaly across the A894 was not successful.

Some soil samples were collected around lines 04, 05, 07, 08 and 09E in the hope that faulting had provided leakage haloes. Very low results were recorded (Fig 11). From an examination of the air photographs it seems the faulting between lines 04 and 05E is very minor and the poor values are not therefore surprising. The peak of the anomaly under lines 07 to 09 is over a boggy trough where the peat was too thick to penetrate even with long sugars so it remains untested though as a possible depth of 150' is suggested by the I.P., mineralization would probably not be encountered at the peat interface.

INTERPRETATION.

The outcropping geology in the anomalous area is a dense melanocratic garnet hornblende grading into garnet hornblende schists. Foliation is visible on all scales, in one location to the extent of providing an anorthosite like band 2' wide. Secondary calcite and quartz are common and sulphides occur as fine disseminations in some zones though not in sufficient quantities to justify the I.P. anomaly. The magnetic feature probably represents a basic or ultrabasic dyke that transgresses the regional foliation.

CONCLUSIONS.

The size and intensity of the I.P. anomaly is sufficient to justify further work. As it is not explained by the amount of sulphides seen in exposures a limited programme of I.P. to define it better and to test similar geological situations in the area is proposed.

Elizabeth Jones

LIST OF FIGURES

Figure 1	Original reconnaissance stream sediment results.
Figures 2 - 6	Stream sediment and break of slope soil sampling results.
Figure 7	I.P. Apparent Resistivity.
Figure 8	I.P. Chargeability.
Figure 9	I.P. Metal Factor.
Figure 10	Magnetometry.
Figure 11	Soil Sample Results (I.P. Grid).
Table I	Rock sample results. Multi-element.
Table II	Rock sample results. Cu Pb Zn Ni

CONSOLIDATED GOLD FIELDS LTDTABLE IROCK SAMPLE RESULTS

REFERENCE NO.	Bi	Co	Cu	Cr	Pb	Mo	Ni	Ag	Sn	V	W	Zn	Zr	Ti	Mn
PSR 01	<10	20	250	150	100	7	40	<1	<5	80	<50	100	0.1	0.3	0.2
02	<10	60	45	1000	10	8	100	<1	<5	250	<50	50	0.03	0.4	0.3
03	<10	15	40	80	20	4	30	<1	<5	60	<50	130	0.05	0.3	0.1
04	<10	25	85	200	40	10	80	<1	<5	100	<50	340	0.1	0.3	0.15
05	<10	30	90	180	30	8	70	<1	<5	100	<50	240	0.1	0.3	0.15
06	<10	30	70	100	20	8	60	<1	<5	80	<50	170	0.07	0.3	0.15
07	<10	60	65	500	15	5	100	<1	<5	250	<50	60	0.04	0.4	0.4
08	<10	60	45	800	10	7	130	2	<5	200	<50	50	0.03	0.3	0.3
09	<10	60	170	1500	40	7	200	<1	<2	100	<50	100	0.05	0.2	0.2
10	<10	40	90	600	340	10	80	<1	<5	180	<50	120	0.05	0.3	0.3
11	<10	80	85	500	30	8	200	<1	<5	400	<50	100	0.07	0.5	0.4
12	<10	20	110	150	15	10	50	<1	<5	90	<50	110	0.07	0.4	0.3
13	<10	25	75	300	20	8	70	<1	<5	200	<50	80	0.07	0.5	0.3
14	<10	40	100	300	10	10	100	<1	<5	150	<50	70	0.15	0.4	0.2
15	<10	35	85	150	50	5	80	<1	<5	90	<50	190	0.1	0.4	0.2
16	<10	60	240	600	15	8	150	<1	<5	300	<50	30	0.07	m	0.3
17	<10	50	160	400	10	5	70	<1	<5	150	<50	20	0.02	0.2	0.2
18	<10	60	500	150	20	7	80	<1	<5	180	<50	100	0.07	0.5	0.3
19	<10	60	1100	250	20	10	80	<1	<5	150	<50	80	0.04	0.4	0.2
20	<10	60	130	300	50	15	100	<1	<5	130	<50	190	0.04	0.3	0.2
21	<10	70	800	700	9000	20	200	15	<5	90	<50	5000	0.04	0.2	0.3
22	<10	35	180	500	270	20	70	2	<5	100	<50	210	0.06	0.4	0.2
PSR 23	<10	15	45	600	30	3	60	<1	<5	180	<50	90	0.03	0.3	0.25

CONDOLIMATED GOLD FIELDS LTDTABLE IIROCK SAMPLE RESULTS

Sample No.	Cu (ppm)	Pb (ppm)	Ni (ppm)	Zn (ppm)
PSR 23	9	120	15	36
24	48	80	53	40
25	24	40	90	69
26	225	80	363	176
27	125	790	150	748
28	140	120	59	151
29	15	40	11	41
30	31	70	33	73
31	35	80	715	90
32	23	70	220	100
33	9	40	40	14
34	545	740	90	225
35	33	40	219	59
36	89	170	119	255
37	89	20	134	97
38	72	40	68	40
39	21	40	31	39
40	100	30	33	35
41	288	30	62	29
42	374	70	187	44
43	6	20	37	22
44	206	20	29	31

19th March 1974

SCOTLAND COPPER & NICKEL AE2Technical Report for period 2nd August 1971 - 5th June 1972

During the period reconnaissance geochemical stream sediment surveys were undertaken in the areas listed below.

Reay (Sandside Estate), Strathnaver,
Kinbrace (Borrobol Estate), Strathfleet,
Shin Forest, Dalnessie Estate and Altnahara
Estate, Ben Vrackie, Conaglen.

These areas are shown on the location plan which accompanied the original grant application. A geological reconnaissance of each area was undertaken in coordination with the geochemical survey; to search for any visible indications of mineralisation and gather information which might be used in the assessment of the geochemical results.

Reconnaissance Geochemistry

As the project had been underway for 6 months before the mineral incentive scheme became operative, some of the reconnaissance geochemistry surveys had already been carried out. For completeness however, the results of this earlier work accompany this submission.

Once the geochemical results had been received field checks were carried out at Kinbrace, Strathfleet and Shin Forest, Altnahara Estate, Dalnessie Estate. Results from the other areas were not considered sufficiently encouraging to warrant follow-up.

Follow-up Geochemistry

The checks revealed that the anomalous values recorded on the Borrobol Estate were due to contamination, and the isolated groups of low order anomalous values recorded at Strathfleet and Dalnessie were not repeated. It is considered that these scattered values were due to enhancement of metal values in the secondary environment.

No area worthy of more detailed follow-up (soil sampling and geophysics) emerged from this reconnaissance, and work was abandoned in all of the areas covered by this grant application.

Elizabeth Jones

Elizabeth Jones.

Enclosures

- ✓ 1. Stream sediment sampling results, Reay area Sandside Estate, copper and molybdenum p.p.m.
- ✓ 2. Stream sediment sampling results, Strathnaver Forest area, copper and molybdenum p.p.m.
- ✓ 3. (a) Stream sediment sampling results, Kinbrace area Borrobol Estate, copper, molybdenum p.p.m.
- ✓ (b) Stream sediment sampling results, Kinbrace area Borrobol Estate, lead and zinc p.p.m. ✓
4. Stream sediment sampling results, Strathfleet Area, copper and molybdenum p.p.m. ✓
- ✓ 5. Field checks, Strathfleet area, copper and molybdenum p.p.m. ✓
- ✓ 6. Stream sediment sampling results, Shin Forest, Dalnessie and Altnahara Estate, copper, nickel p.p.m. ✓
- ✓ 7. Stream sediment sampling results, Ben Vrackie area, copper, nickel p.p.m. ✓
- ✓ 8. Stream sediment sampling results, Conaglen area, copper, nickel p.p.m.

12/11/75

MINERAL EXPLORATION INCENTIVE SCHEME

THIRD SUPPLEMENTARY APPLICATION FOR ASSISTANCE

1. Applicant Consolidated Gold Fields Limited.
Address 49, Moorgate, London, EC2R 6BQ
Telephone No. 01 - 606 - 1020
Contact Mr. L. Stubbings or Mr. R.G. Burn.

2. Project Title Scotland and N. England copper-nickel molybdenite Stage IV.

3. Applicant's Organisation and Financial Structure

Please see the Company's letter dated 30th July, 1971.

4. Outline of Project including Geological considerations

The area involved is delineated on the enclosed maps:

1. Part of OS Sheet No. 9, 1" = 1 mile.
2. Part of sheet NC 24 NW, 6" = 1 mile.
3. IP Chargeability Map, 1:2,500.
4. IP Resistivity Map, 1:2,500.
5. EM Map (Scourie Area)
6. EM Imaginary Component Scourie (High Frequency).
7. IP Profiles (Scourie)
8. IP Profiles (Foindlé)

This area has been the subject of previous Applications for Assistance under the Mineral Exploration Incentive Scheme and the results of

the work carried out under Application A.E 3/3 will shortly be submitted for D of I approval. Additional Geophysical work has been undertaken, for which Assistance is not being sought, as it was done after the expiration of the previous Application period (1st April 1974 - 1st June 1975). The results of this subsequent work defined two IP/Resistivity/EM anomalies which justifies further testing. The first of these is designated as the Scourie Anomaly and the second as Foindle.

Geology

Knowledge of the bedrock geology is limited by the paucity of outcrop within the anomalous zone. Amphibolites and hornblende gneisses in the neighbourhood do occasionally contain sulphides and values of up to 0.9% lead, 0.5% zinc and 0.08% copper have been encountered.

5. Work Programme

In view of the extensive overburden it is intended to test the two geophysical anomalies by diamond drilling. Four holes, totalling about 1,000', are proposed. The individual depths and locations have yet to be determined. Even so, these would remain flexible in order to allow for any improvement in knowledge of the structures as drilling proceeds. Sections of mineralised drill core will be split and assayed for copper, lead, zinc and any other elements which the geologist may consider appropriate.

6. Mineral Rights

The company has an agreement with the Mineral Rights Owner in the areas involved.

7. Planning Permission

As the drilling will take less than 30 days to complete, Planning Permission is not required.

8. Starting Date

This scout drilling programme is expected to begin on 24th November and the whole operation, including subsequent assaying and interpretation, should be completed in about 6 months, say, by 1st June 1976.

FINANCIAL ASSISTANCE FOR MINERAL EXPLORATION (M.E.I.G.A.)

COMPANY: CONSOLIDATED GOLDFIELDS LTD
PROJECT: SCOTLAND - COPPER AND NICKEL

REF: AE 2
MRD 84/2
MRD 144/2

The following Open File material is held by B.G.S. in London, Keyworth and Edinburgh. Available for public inspection from 23.11.86.

- * Extracts from application for financial assistance 30.7.71
- Extracts from supplementary application 5.6.72
- Technical report, 2.8.71 to 5.6.72, E. Jones. With enclosures:

Fig 1	Stream sediment sampling results, Reay area, Cu, Mo
Fig 2	" " " " " Strathnaver, Cu, Mo
Fig 3a	" " " " " Kinbrace, Cu, Mo
Fig 3b	" " " " " " Pb, Zn
Fig 4	" " " " " Strathfleet, Cu, Mo
Fig 5	Field checks, Strathfleet, Cu, Mo
Fig 6	Stream sediment sampling results, Strathshin, Cu, Ni
Fig 7	" " " " " Ben Vrackie, Cu, Ni
Fig 8	" " " " " Cona Glen, Cu, Ni

- OS Sheet 4, Western Highlands showing Loch Ouich. 1" : 4 miles
- * OS Sheet 1, Overlay No. 1. 25.6.71. 1" : 10 miles. Scotland:
Cu, Ni and other metals
- \$‡ (Technical report?) with the following:

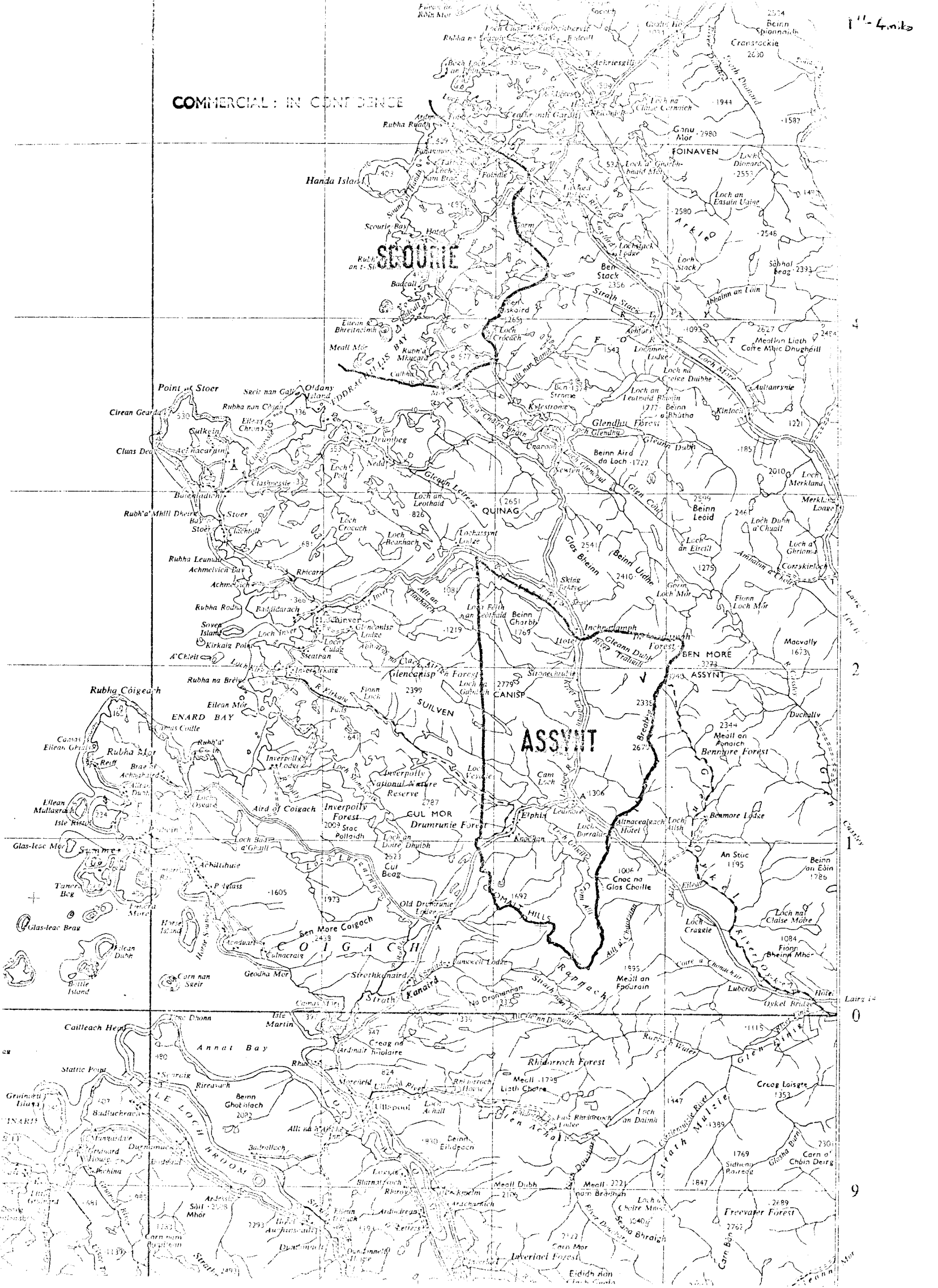
Drawing No. 1	Reconnaissance, Scourie Area	OS Sheet 9
No. 2	Scourie stream and soil sediment results	OS NC 24 SW
No. 3	" " " " "	OS NC 24 NW
No. 4	" " " " "	OS NC 14 SE
No. 5	" " " " "	OS NC 13 NE
No. 6	" " " " "	OS NC 14 NE
No. 7	" IP Apparent resistivity	OS NC 24 NW
No. 8	" IP Chargeability	" "
No. 9	" IP Metal factor	" "
No. 10	" Magnetometer survey	" "
No. 11	" Soil sampling results	" "

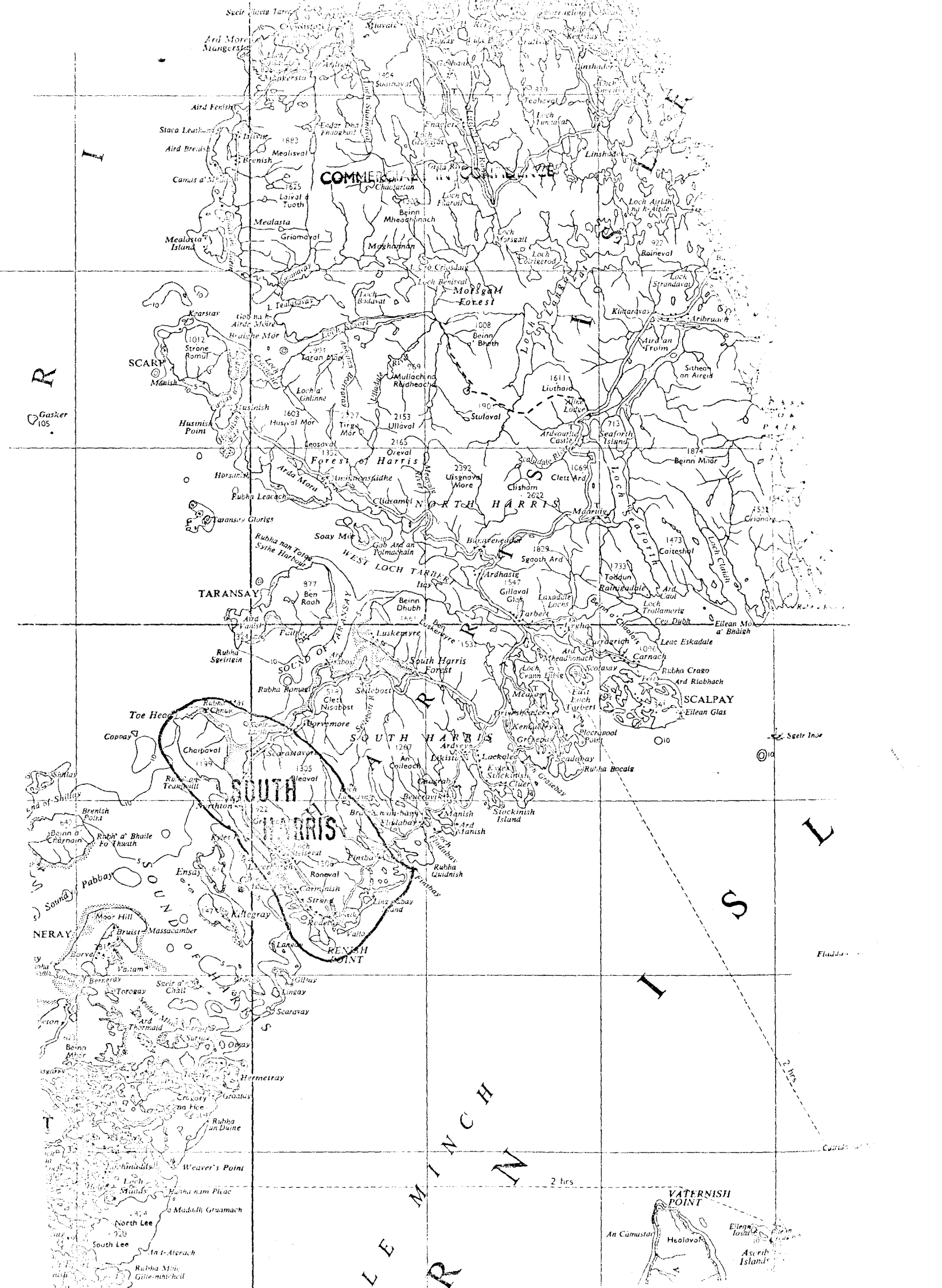
\$‡ Table I Rock sample results. Multi-element
\$‡ Table II Rock sample results. Cu, Pb, Zn, Ni

§ Not in Edinburgh ‡ Not in London * Not in Keyworth

AE2 is closely related to AE3

COMMERCIAL: IN CONFIDENCE





COMMERICAL

Moffat Forest

Forest of Harris

WEST LOCH TARBIE

SOUTH HARRIS

RENNISH POINT

LEMMING

VATERNISH POINT



R
Gasker
105

SOUND OF HARRIS

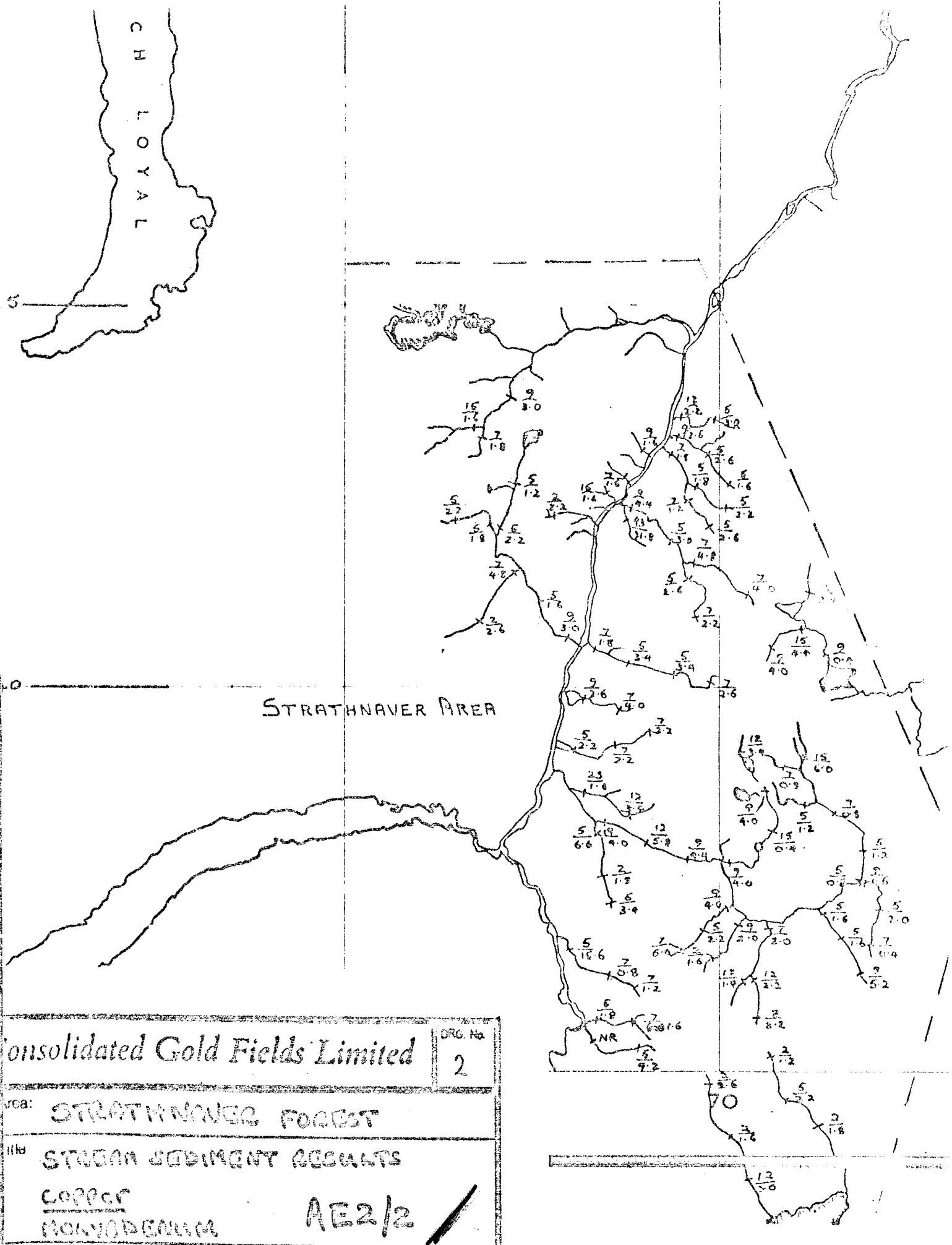
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2 hrs

2 hrs



Consolidated Gold Fields Limited		DRG. No.
		2
Area: STRATHNAVER FOREST		
Title: STREAM SEDIMENT RESULTS		
COPPER		AE2/2
MOLYBDENUM		
S. Map No. 10		
Scale: 1" to 1 mile	Date: AUGUST 1971	
Prepared by: GAP	Drawn by: CPR	

COMMERCIAL: IN CONFIDENCE

85000

90

95

00

78000

Loch Eil

Cona Glen

Sample Numbers 2001 - 2052

ppm Cu

2055 & 2056

ppm Ni

COMMERCIAL: IN CONFIDENCE

Consolidated Gold Fields Limited

DRG No. 8

Area: CONA GLEN

Title: STREAM SEDIMENT SAMPLING

RESULTS Cu ppm
Ni ppm AE2/8 ✓

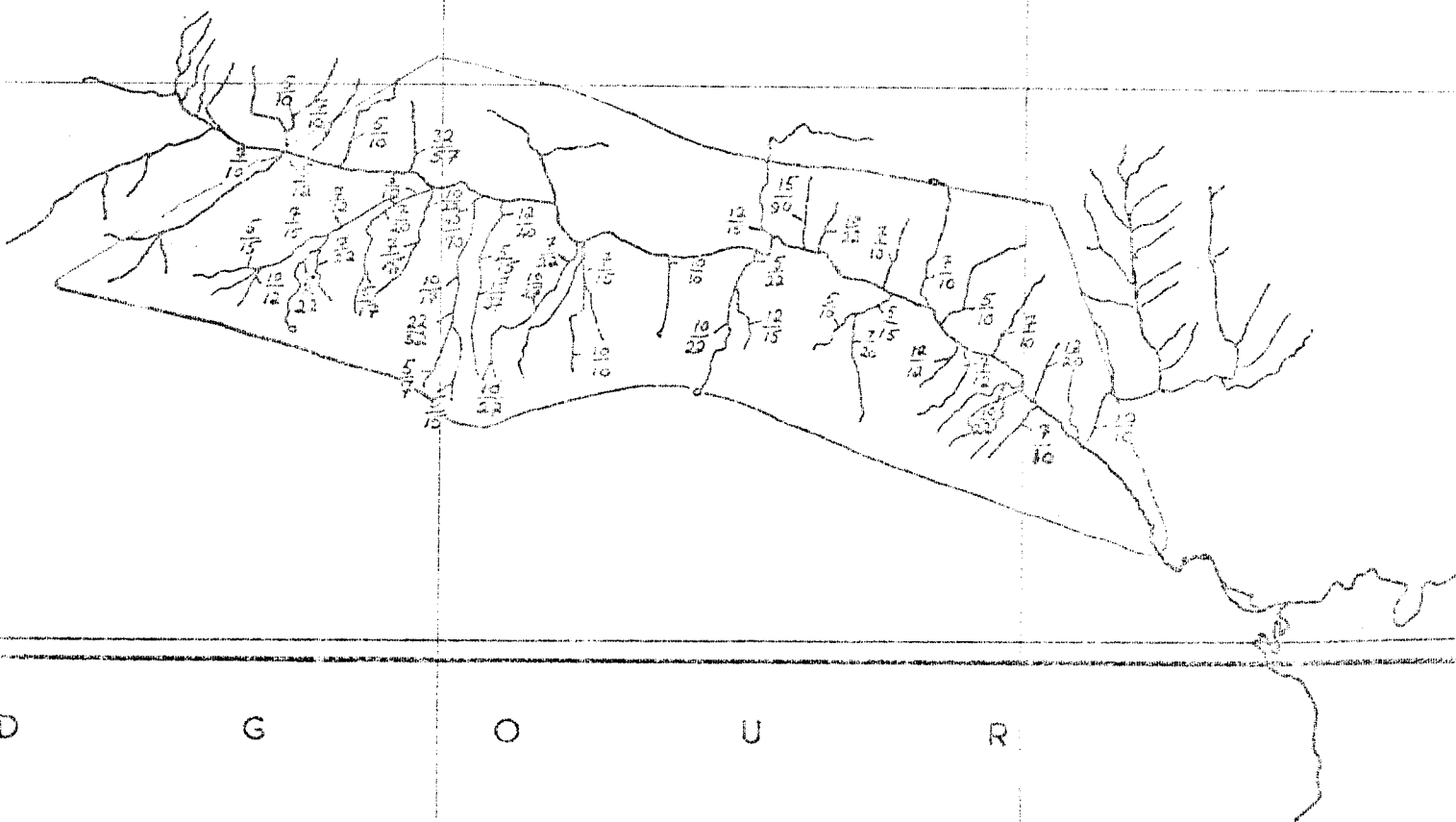
OS Map No. 46

Scale: 1" to 1 mile

Date: 19th JUNE 1971

Prepared by: JAC

Drawn by: CPA



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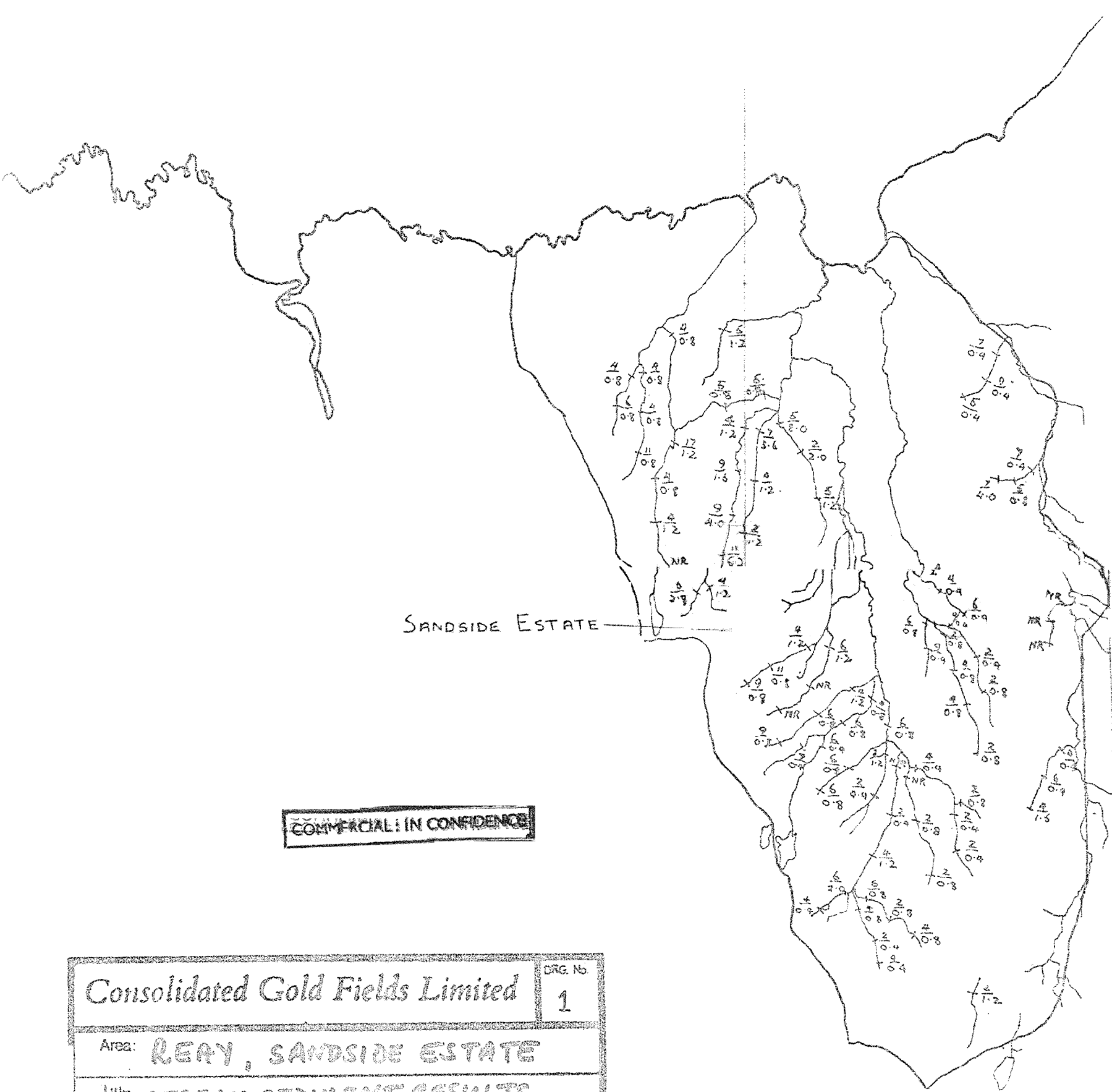
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COMMERCIAL IN CONFIDENCE

Consolidated Gold Fields Limited		DRG. No.
Area: REAY, SANDSIDE ESTATE		1
Title: STREAM SEDIMENT RESULTS		
COPPER		
MOLYBDENUM		
O.S. Map No. 10		AE2/1 ✓
Scale: 1" = 1 mile	Date: AUGUST 1971	
Prepared by: G.P.	Drawn by: C.P.R.	

78 sample sites



COMMERCIAL: IN CONFIDENCE

AE2/6

CONSOLIDATED GOLD FIELDS LTD.

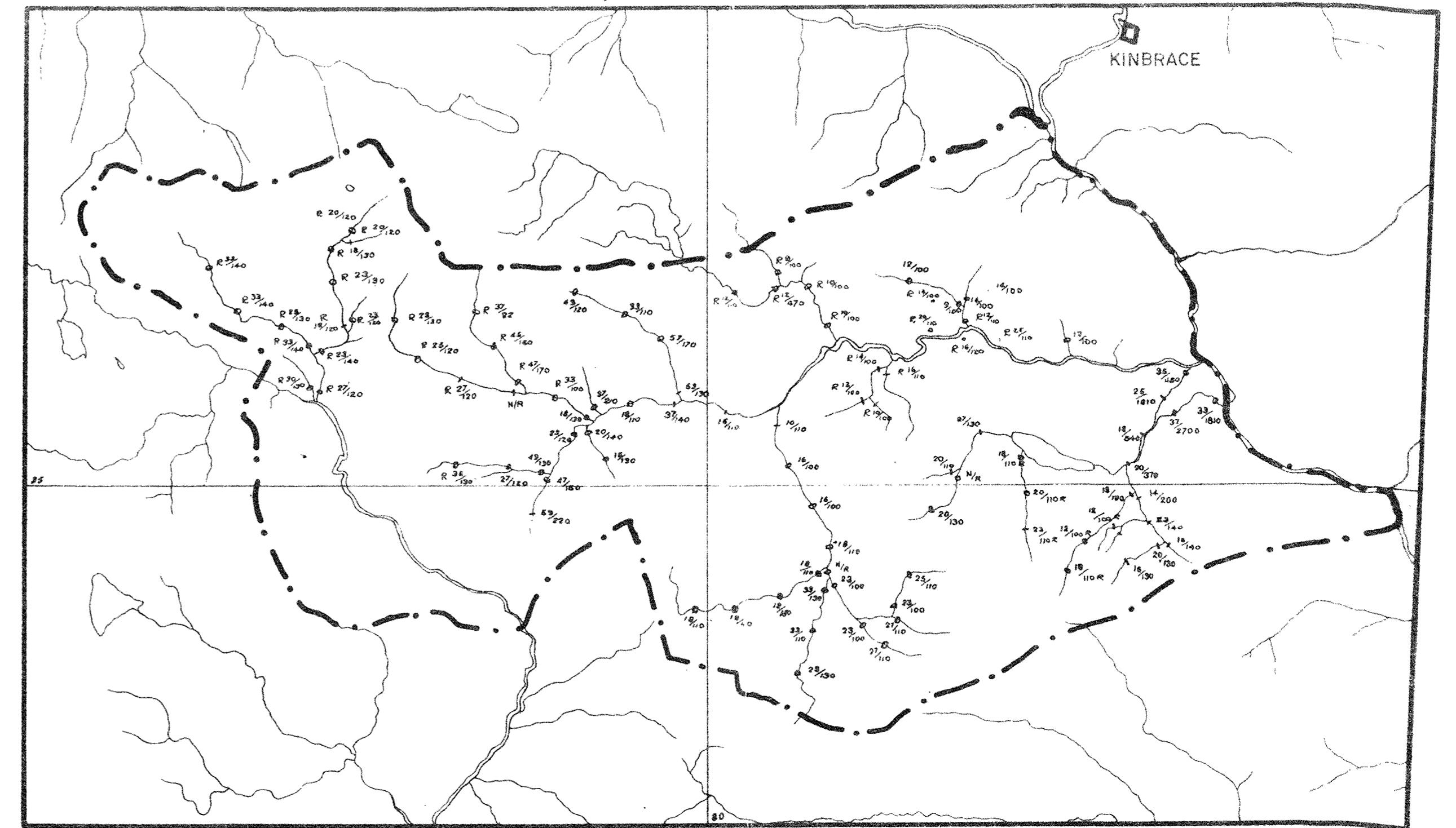
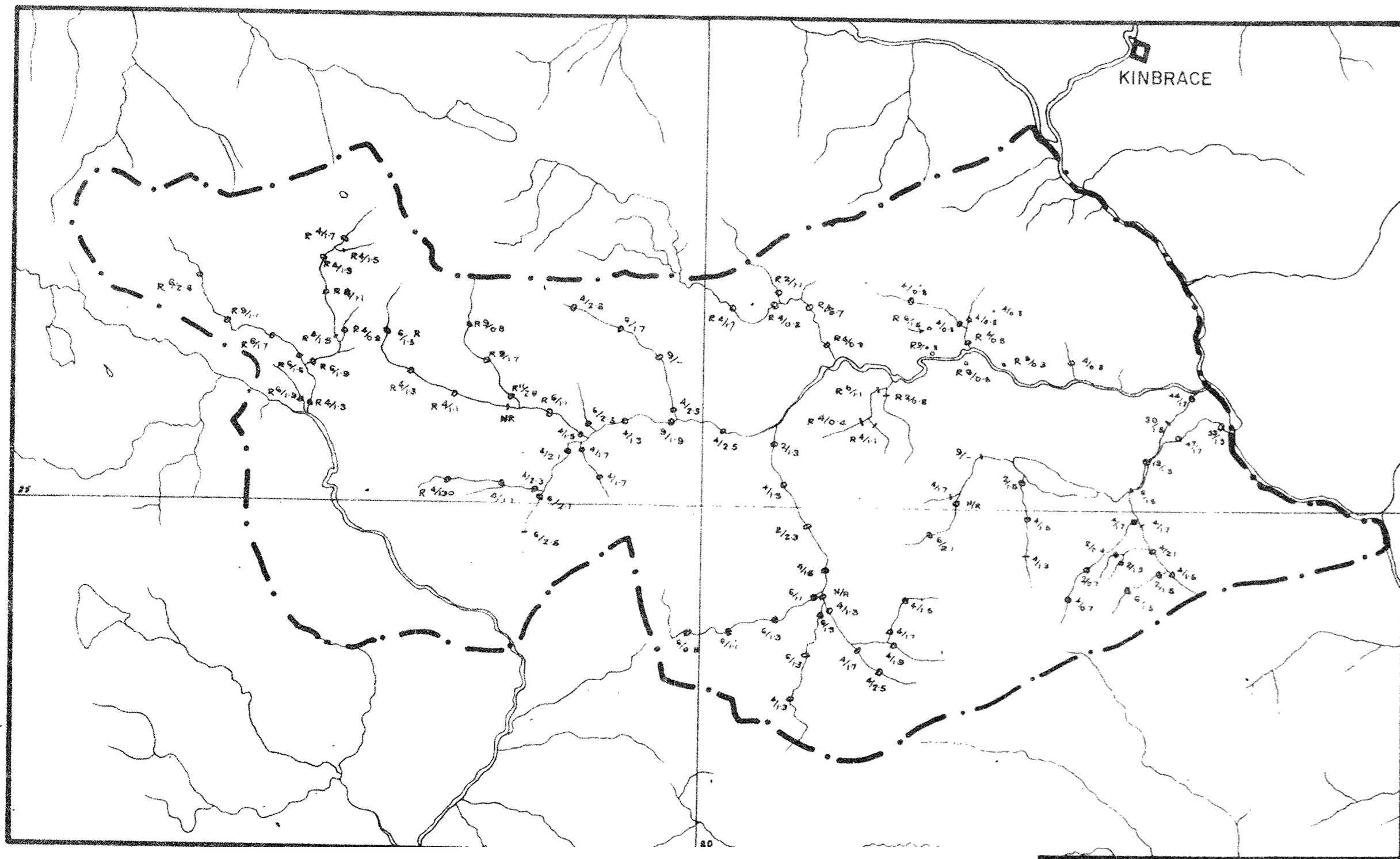
SCOTTISH EXPLORATION

~~STRATHSHIN ALTAHRECA ESTATE~~ (Strath Naver)

STREAM SEDIMENT RESULTS $\frac{\text{ppm}}{\text{Ni}}$

SCALE 1:10,000	PREPARED EXP	DATE 3.1.77	FIG No
O.S. SHEET No. 10	DRAWN JA	REVISED	ORG No.
Organic Content			AE2/6
<input checked="" type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input checked="" type="checkbox"/> High			

[Refer. to 1971-72 claim for legible copies of parts of this plan.]



GFC-K72/3

Consolidated Gold Fields Ltd.
EXPLORATION

STREAM SED. SAMPLING - Copper, Molv.

BORROBOL ESTATE **AE2/3**

Drg N 3a	15	Prepared by
	Geological Map No	B. P.
	Scale 1"	Date Mar 1972
	Revisions	

Organic content
Low Med High

COMMERCIAL: IN CONFIDENCE

Estate boundary - - -

R 2/27 Repeat requested

Cu/Mo

Consolidated Gold Fields Ltd.
EXPLORATION

STREAM SED. SAMPLING - Lead, Zinc.

BORROBOL ESTATE **AE2/3**

Drg 3b	U.S. MAP No 15	Prepared by
	Geological Map No	B. P.
	Scale 1"	Date Mar 1972
	Revisions	

Organic content
Low Med High

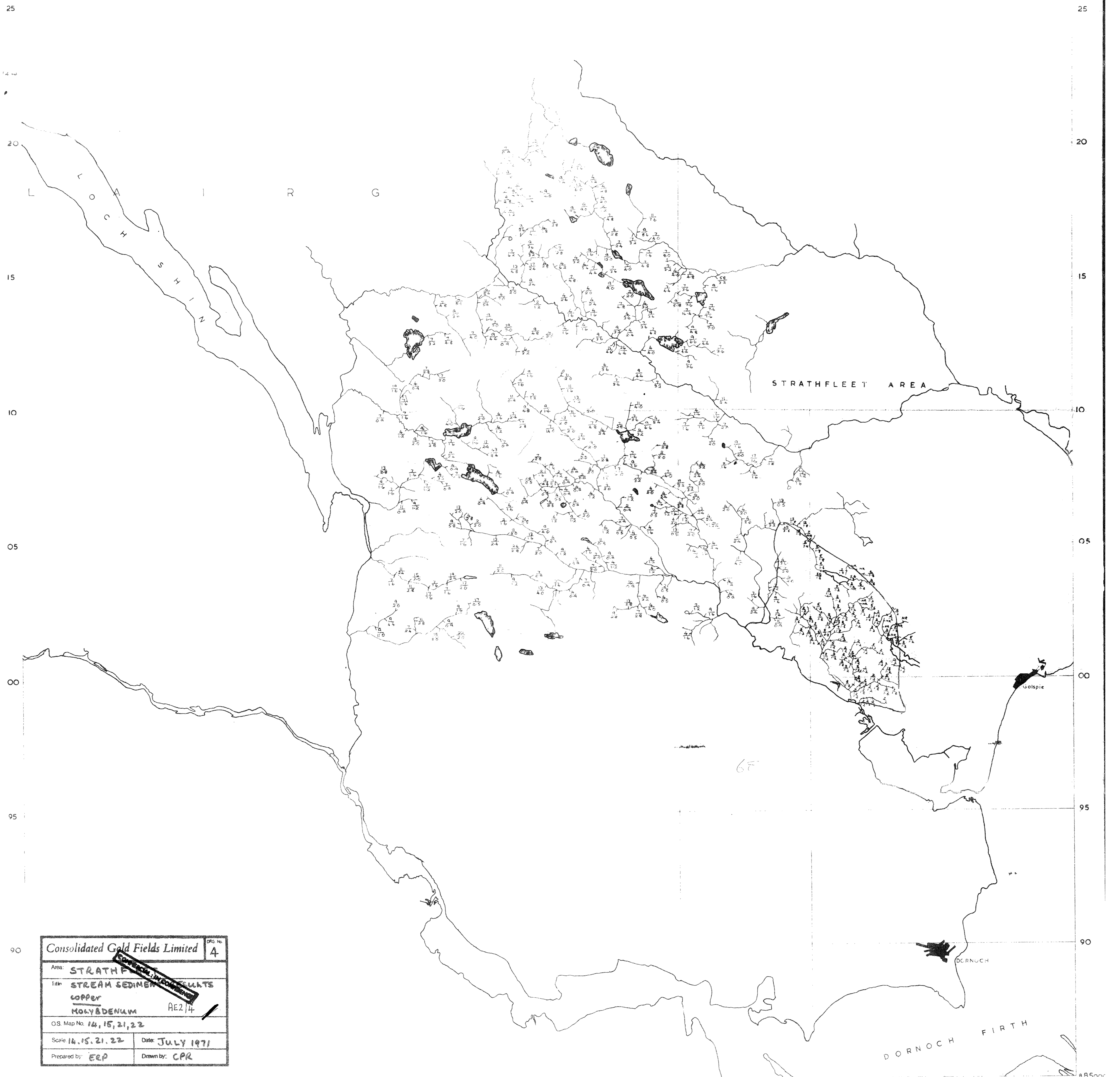
Estate boundary - - -

R 2/27 Repeat requested

Pb/Zn

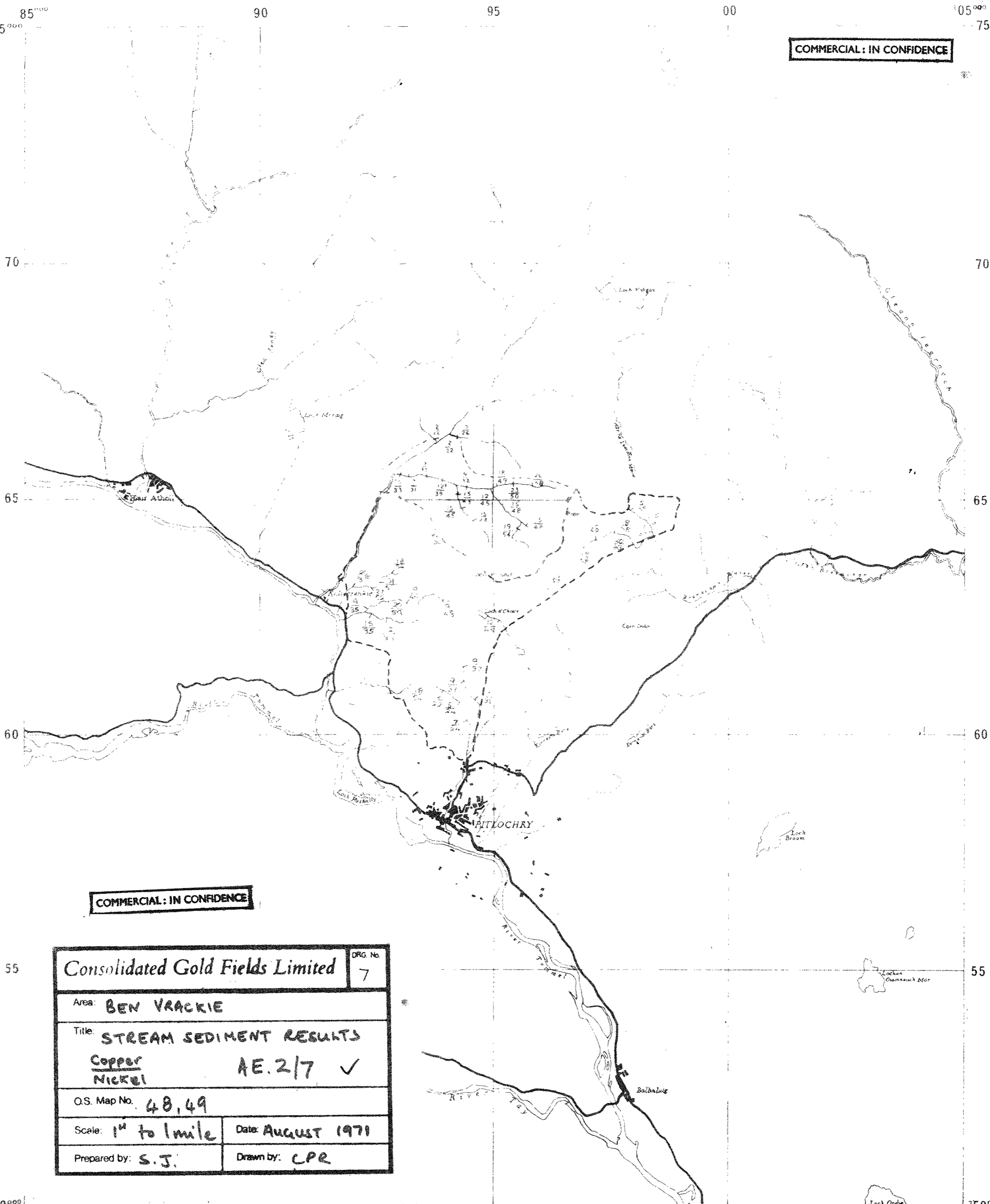
COMMERCIAL: IN CONFIDENCE

COMMERCIAL: IN CONFIDENCE



Consolidated Gold Fields Limited		DRG No.
Area: STRATHFLEET		4
Title: STREAM SEDIMENT RESULTS COPPER MOLYBDENUM		
O.S. Map No. 14, 15, 21, 22		AE2/4
Scale 1:40,000	Date: JULY 1971	
Prepared by: ERP	Drawn by: CPR	

COMMERCIAL: IN CONFIDENCE



COMMERCIAL: IN CONFIDENCE

Consolidated Gold Fields Limited		DRG. No. 7
Area: BEN VRACKIE		
Title: STREAM SEDIMENT RESULTS		
Copper NICKEL		AE. 2/7 ✓
O.S. Map No. 48,49		
Scale: 1" to 1 mile	Date: AUGUST 1971	
Prepared by: S.J.	Drawn by: CPR	

Consolidated Gold Fields Limited



Cu Ni Mo
SCOURIE

SOIL SAMPLING RESULTS

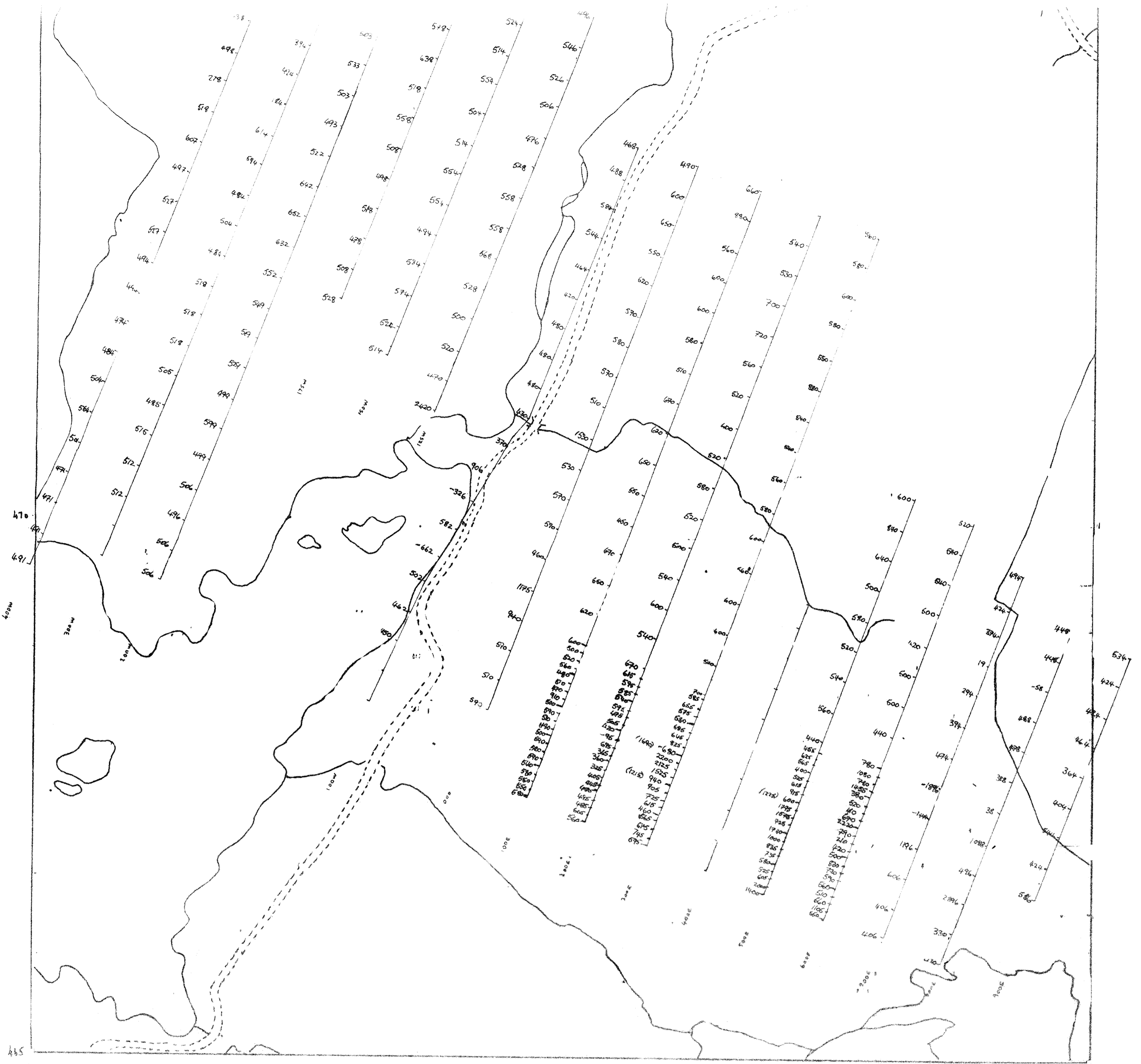
Cu Pb
Ni Zn ppm

enlarged from 6" sheet NC24NW

1:2500

E 5'

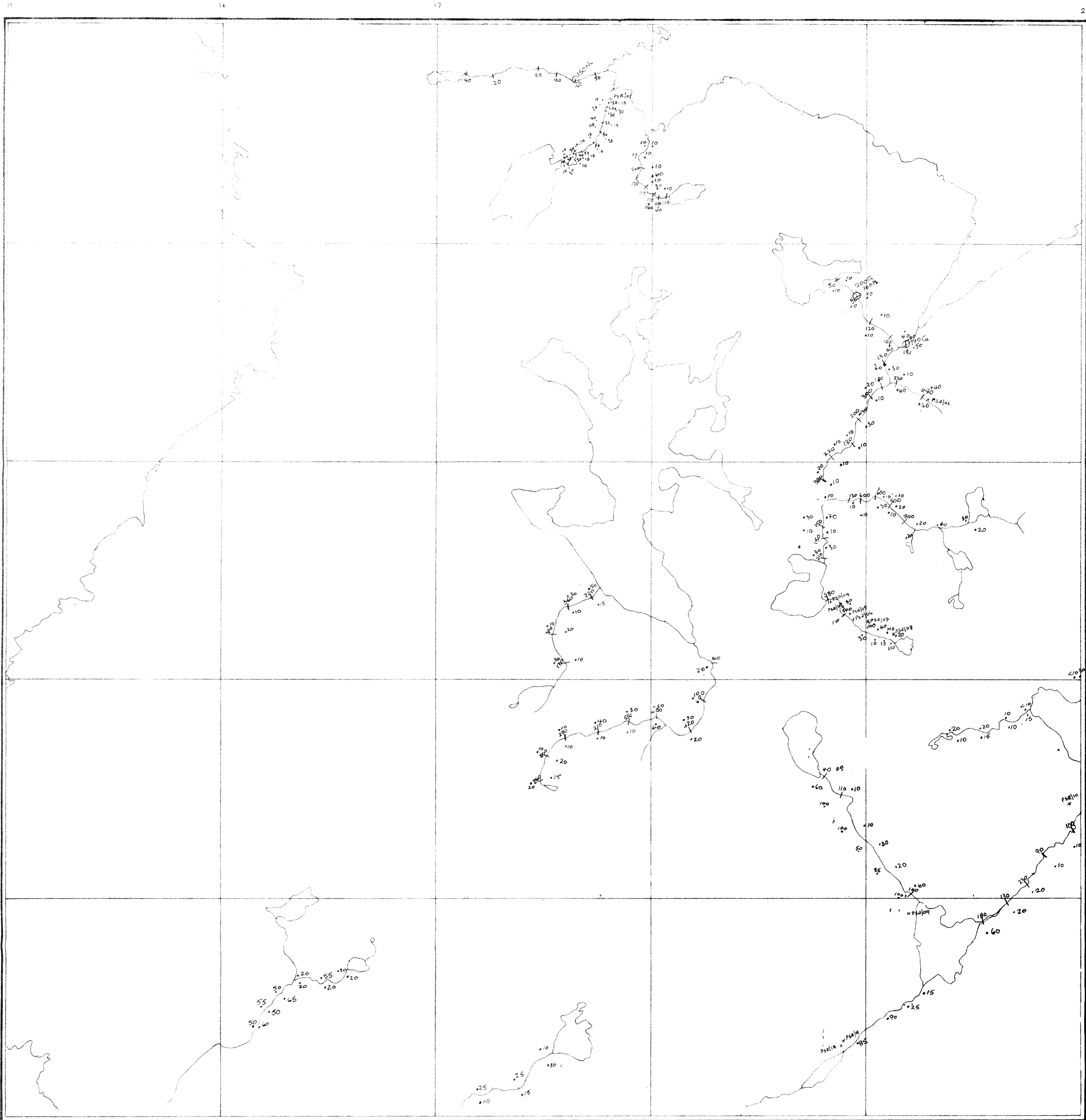
11



Consolidated Gold Fields Ltd.	
EXPLORATION	
Project	Cu Ni Mo
Area	Scourie
Title	MAGNETOMETER SURVEY (based on I.P. grid)
Drawing No.	02. Magnetometer from 1.2500 N 2.2500 W
10	Scale 1:2500 Prepared by E.S. Date _____ Drawn by _____



Consolidated Gold Fields Ltd.
 EXPLORATION
 C. N. M.
 SLOURIE
 I.P. APPARENT RESISTIVITY
 2m
 enlarged from 6" sheet N. 24NW
 1:2500
 E.S.
 7



Consolidated Gold Fields Ltd.
EXPLORATION

SCOURIE C. N. Mc

SOIL AND STREAM SEDIMENT RESULTS

• SOIL SAMPLE Zn ppm ○ OTHER METAL VALUE IN ppm.

✓ STREAM SEDIMENT Zn ppm

X PERL Rock Sample Location

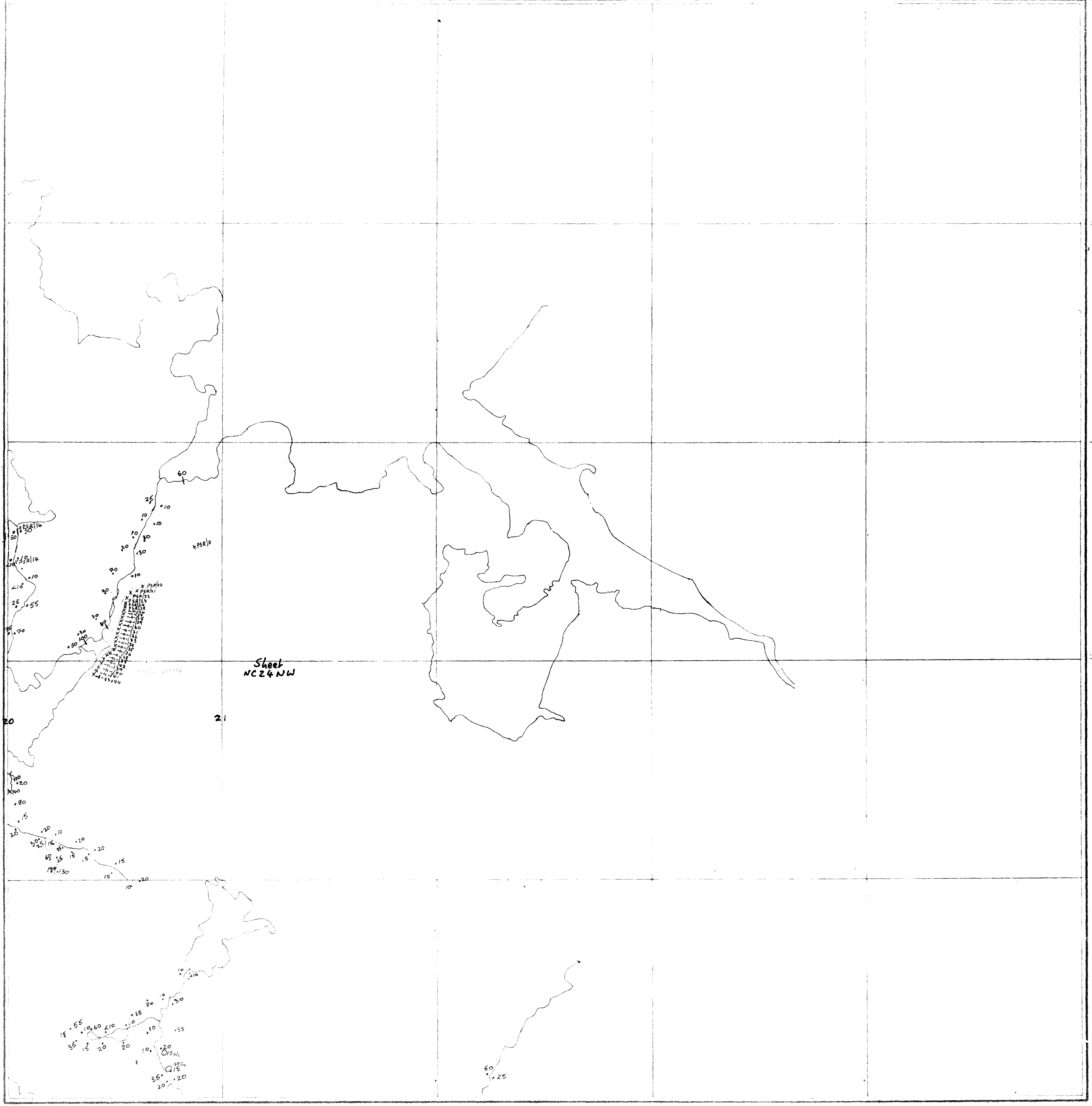
	NO. OF SHEETS	87
6	67 OF 87 SHEETS	1113



Consolidated Gold Fields Ltd.
EXPLORATION



Consolidated Gold Fields Ltd.	
EXPLORATION	
SOUTH AFRICA	
SOIL AND STREAM SEDIMENT RESULTS	
• SOIL SAMPLE Zn ppm	o OTHER METAL VALUE IN ppm
✓ STREAM SEDIMENT Zn ppm	
x PSR/-	ROCK SAMPLE LOCATION
4	



Sheet
NC24NW

21

Consolidated Gold Fields Ltd.

EXPLORATION

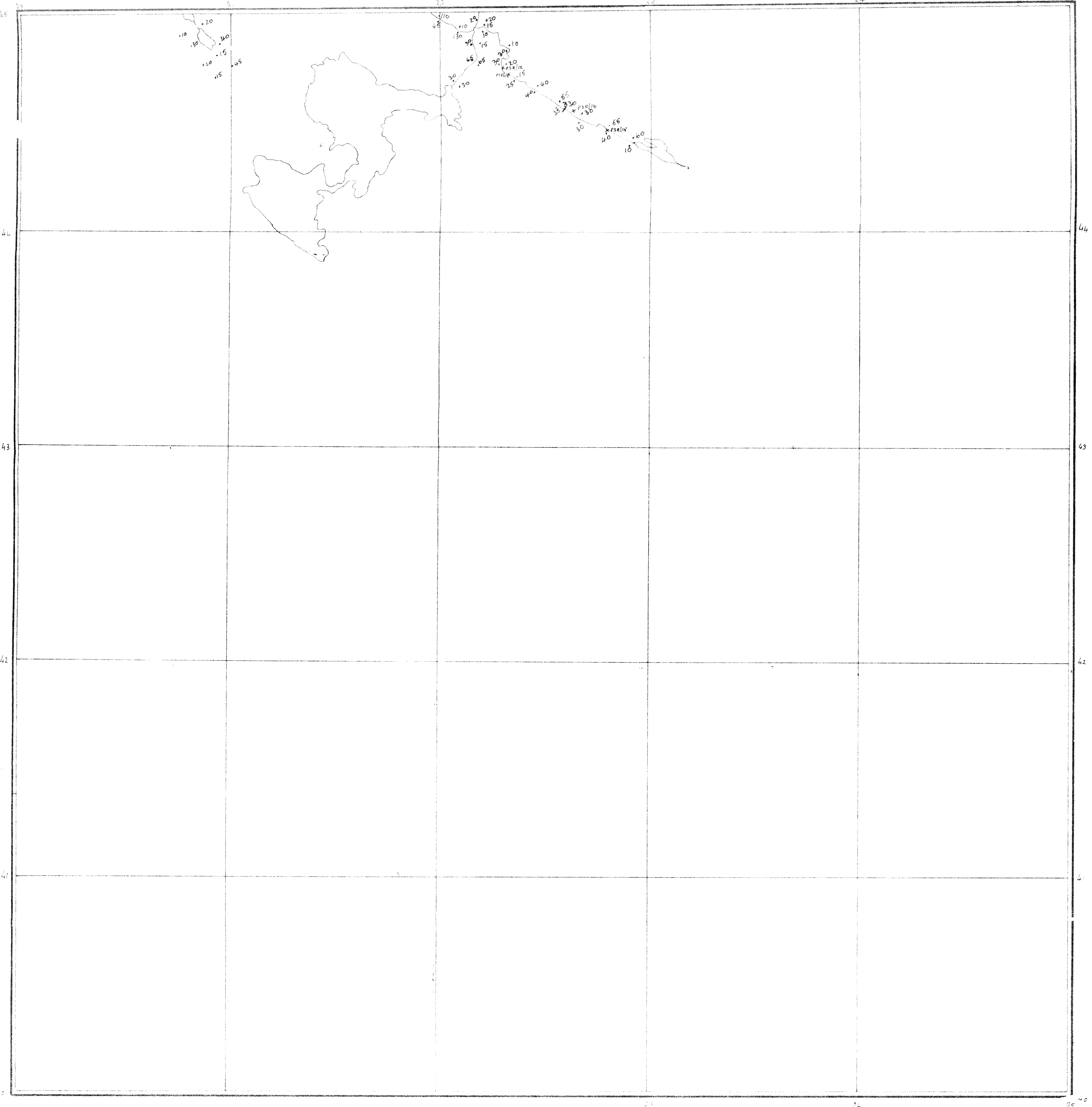
SOIL AND STREAM SEDIMENT RESULTS

• SOIL SAMPLE Zn PPM ○ OTHER METAL VALUE IN PPM

— STREAM SEDIMENT Zn ppm

X PSR: ROCK SAMPLE LOCATION

3



Consolidated Gold Fields Ltd.

EXPLORATION

Scale: 1:50,000

SOIL AND STREAM SEDIMENT RESULTS

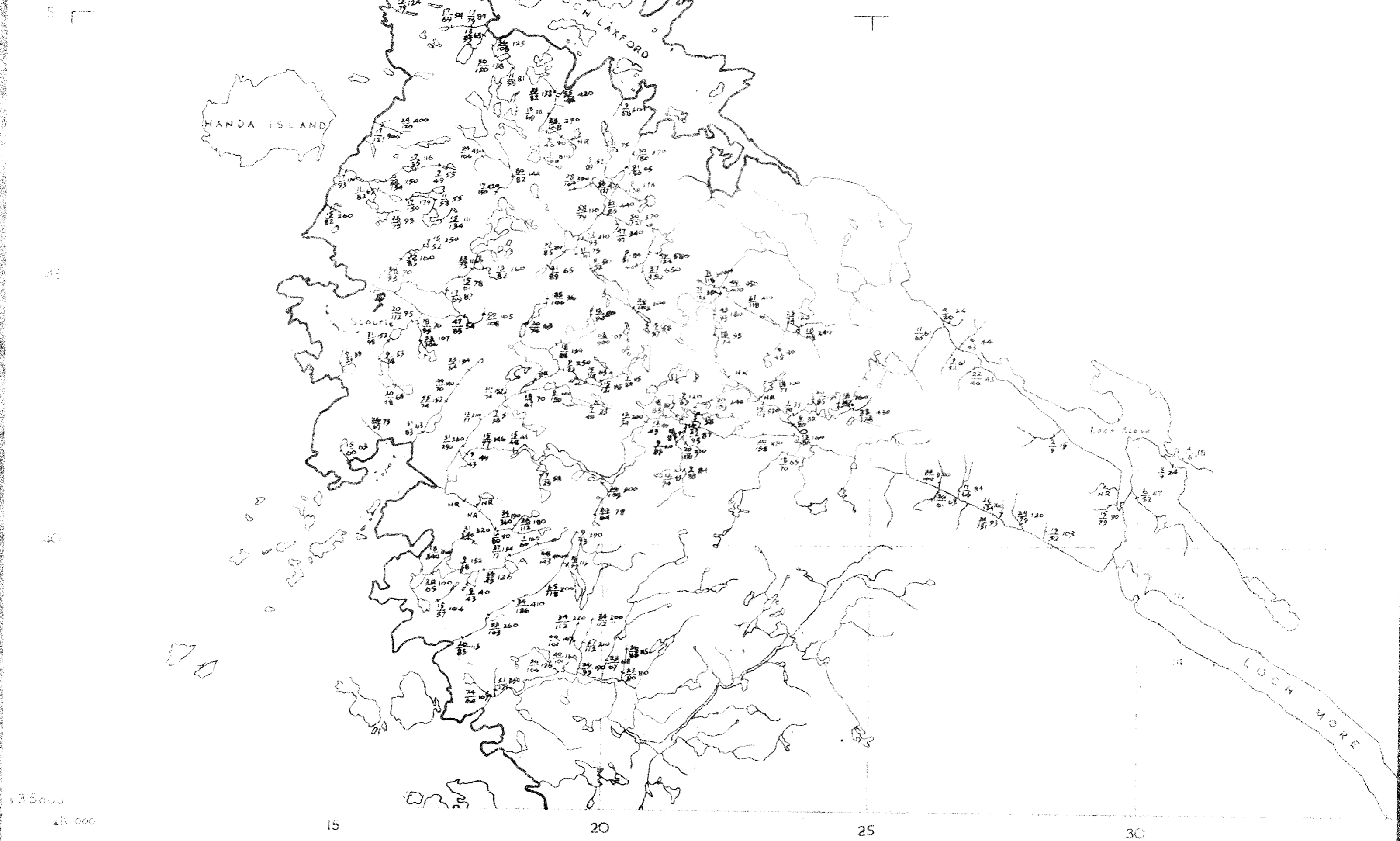
• SOIL SAMPLE Zn ppm O other metal value in ppm.

— STREAM SEDIMENT Zn ppm

X P&R- Rock Sample Location

2

NE 2. SW	E J
Y P N	
67 to 1 mile	



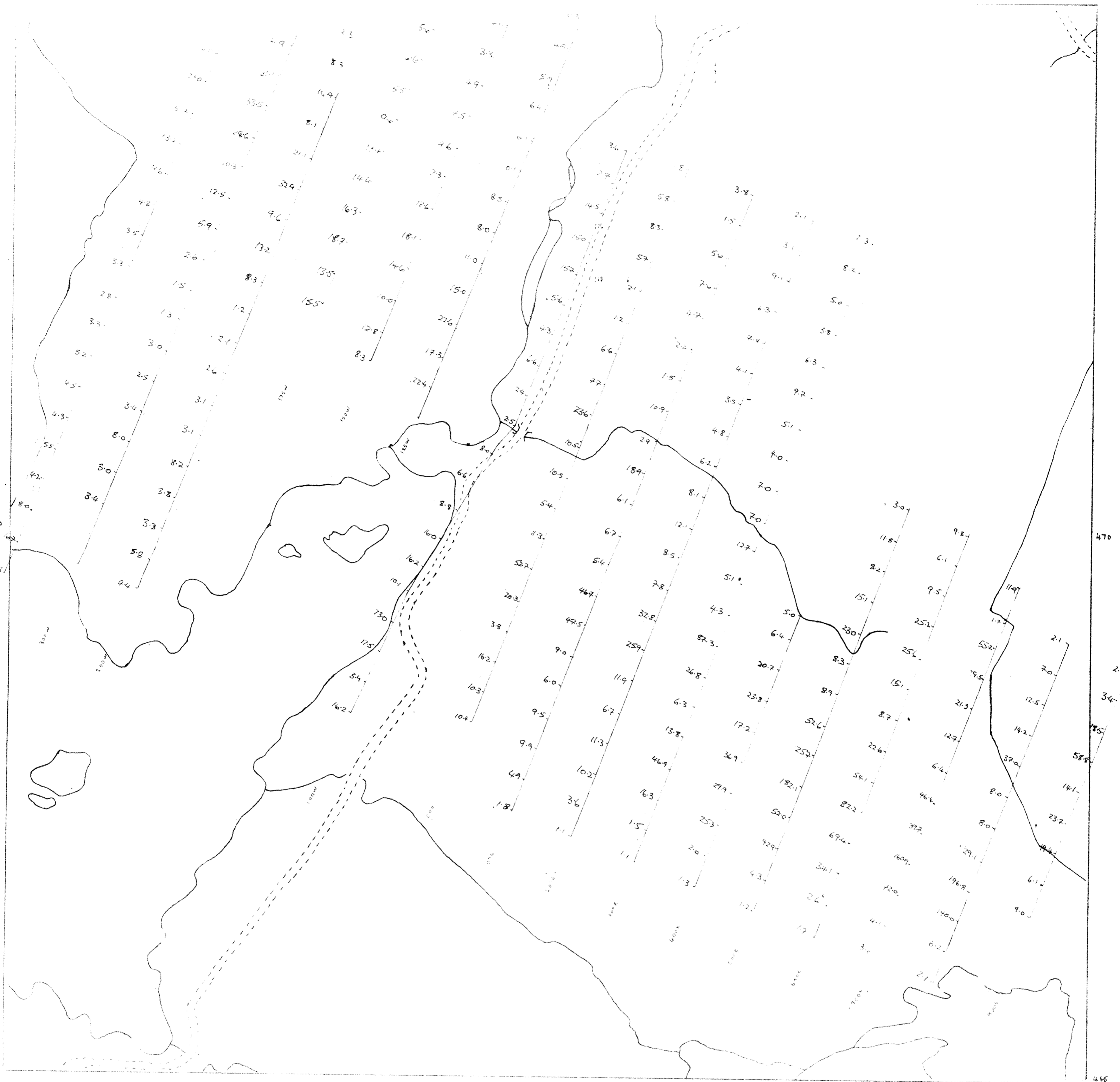
Consolidated Gold Fields Ltd.

EXPLORATION

THE RECONNAISSANCE:- Scourie Area

Stream Sample Results Cu Zn Ni

1	O.S. MAP NO. 9	Prepared by
	Geological Map No	Drawn by A.T.W.
	Scale 1" to 1 mile	Date 1971
	Revisions	



Consolidated Gold Fields Ltd.
EXPLORATION



Consolidated Gold Fields Ltd.

EXPLORATION

Cu N. Mo
SCOURIE

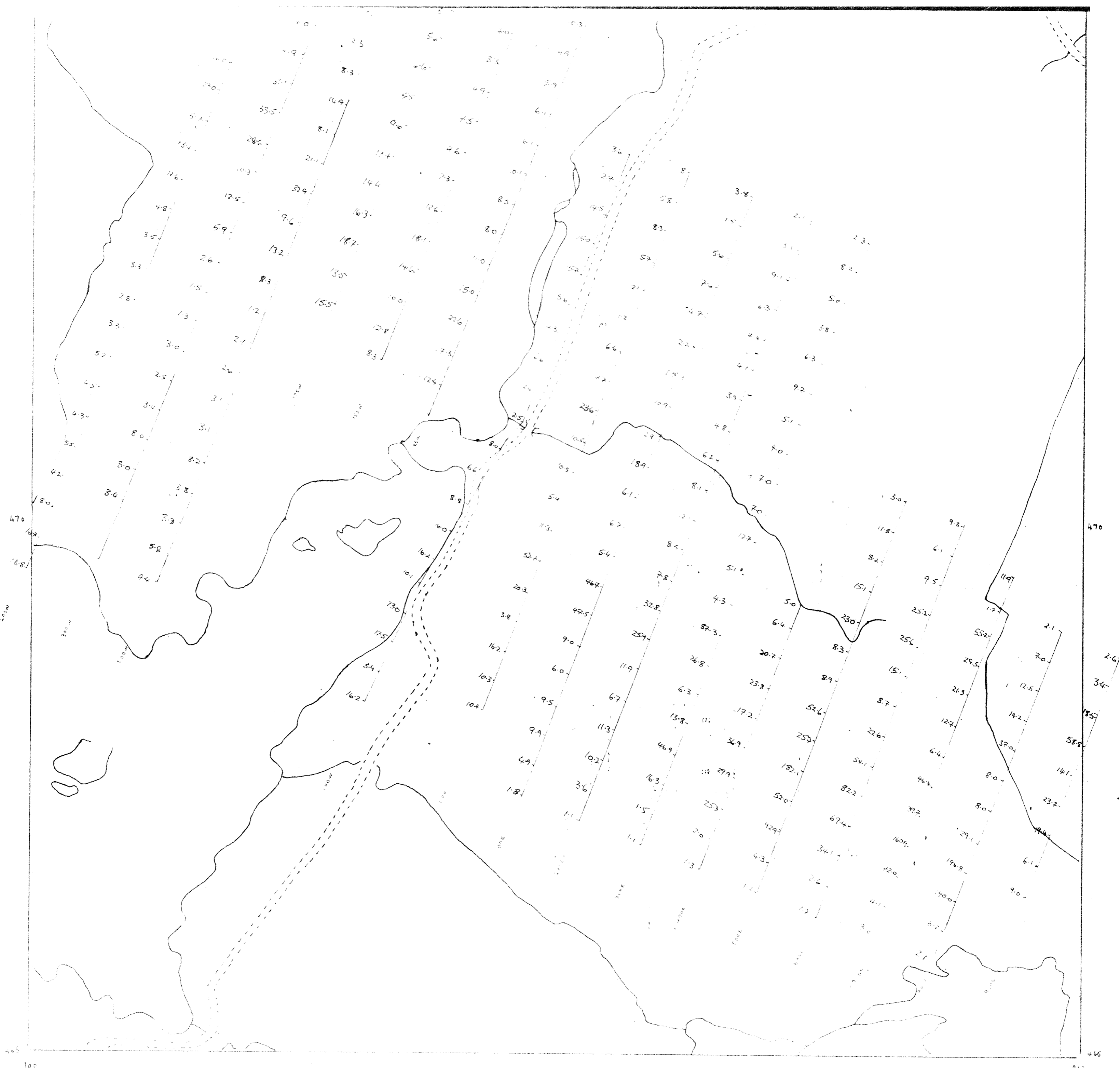
I.P. APPARENT RESISTIVITY
2m

enlarged from S Sheet N 24NW

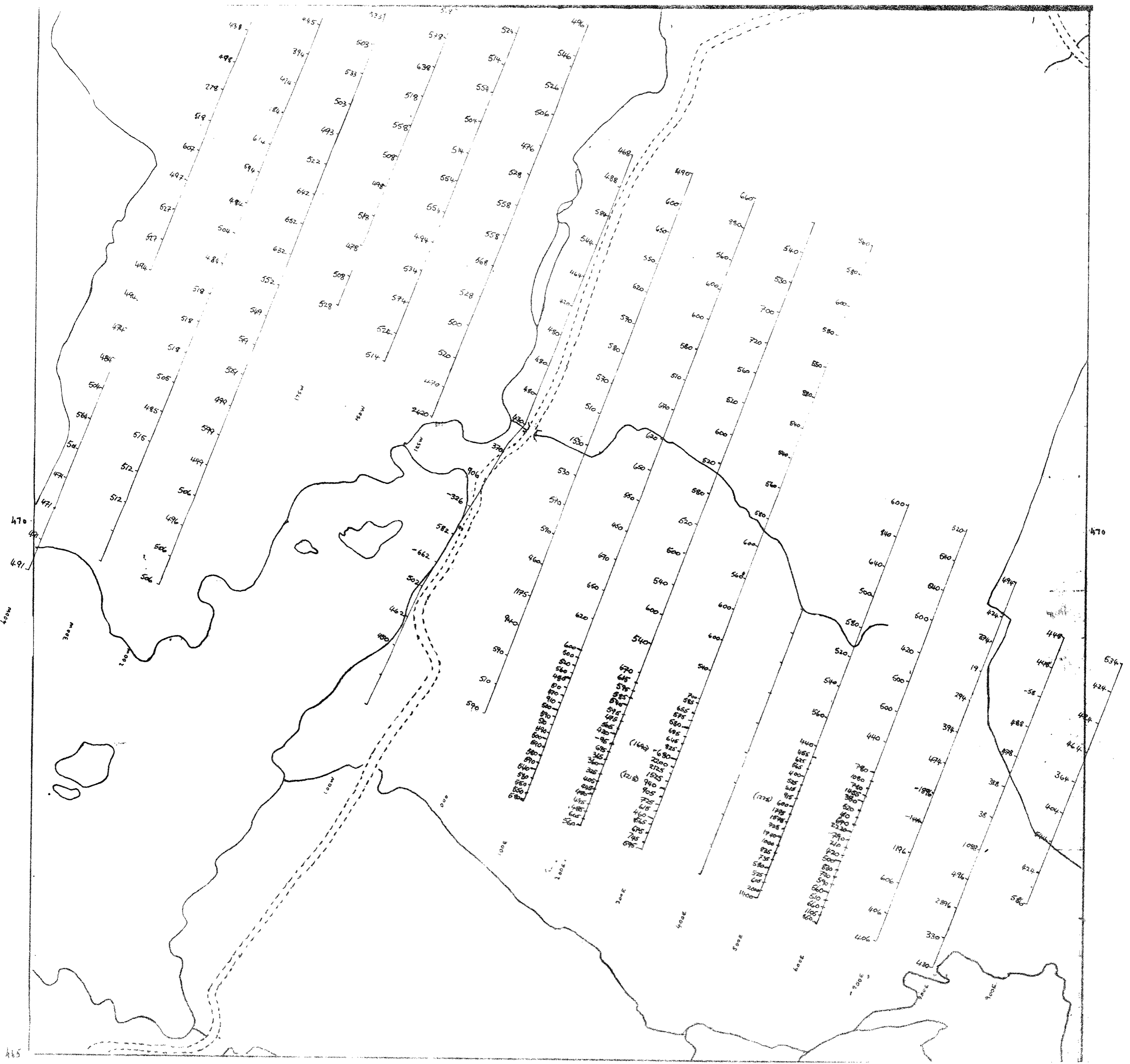
1:2500

E3

7



Consolidated Gold Fields Ltd
INCORPORATED



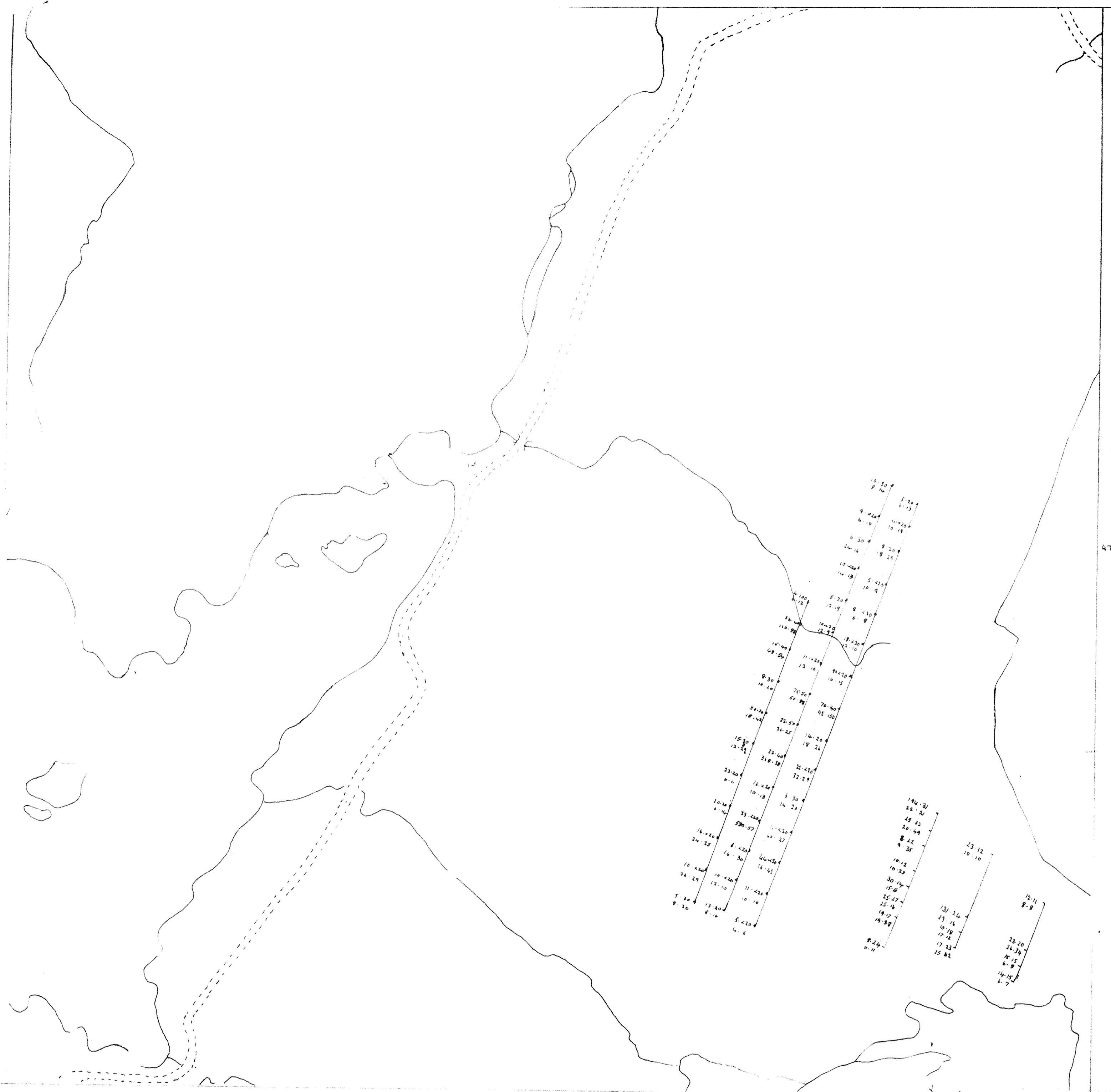
Consolidated Gold Fields Ltd.	
EXPLANATION	
Point	Cu Ni Mo
Area	SOURIE
MAGNETOMETER SURVEY (based on I.P. grid)	
Scale	1:2500
Sheet No.	10



Consolidated Gold Fields Ltd.
EXPLORATION

CW No. M.
SCOURIE
I.P. CHARGEABILITY
MSECS

enlarged from 6" sheet NCR26NW
12500
EJ
8



Cu Ni Mo
SCOURIE

SOIL SAMPLING RESULTS

Cu, Pb, Ni, Zn ppm

enlarged from 6" sheet NCR4NW

1 2500

ES

11

VM

STRATHFLEET Fig. 2.
To accompany report 1.3.72
N.W. Highlands Estates Examination

- Main Streams.
- Tributaries & sample sites. } Significant Drainage only.
- LA 277 6/3.2 Copper Moly values
- Main Road.
- Areas described in Report
- Contact of Granites & granite Granulite complex

Scale 1" = 1 Mile.

COMMERCIAL IN CONFIDENCE

Consolidated Gold Fields Limited		DWG. No. 5
Area: STRATHFLEET		
Title: FIELD CHECKS, Cu/Mo AE2/S AE2/S		
O.S. Map No. 14		
Scale: 1" to 1 mile	Date: MARCH 1972	
Prepared by: AW	Drawn by: AW	

LFC-F 7215.

