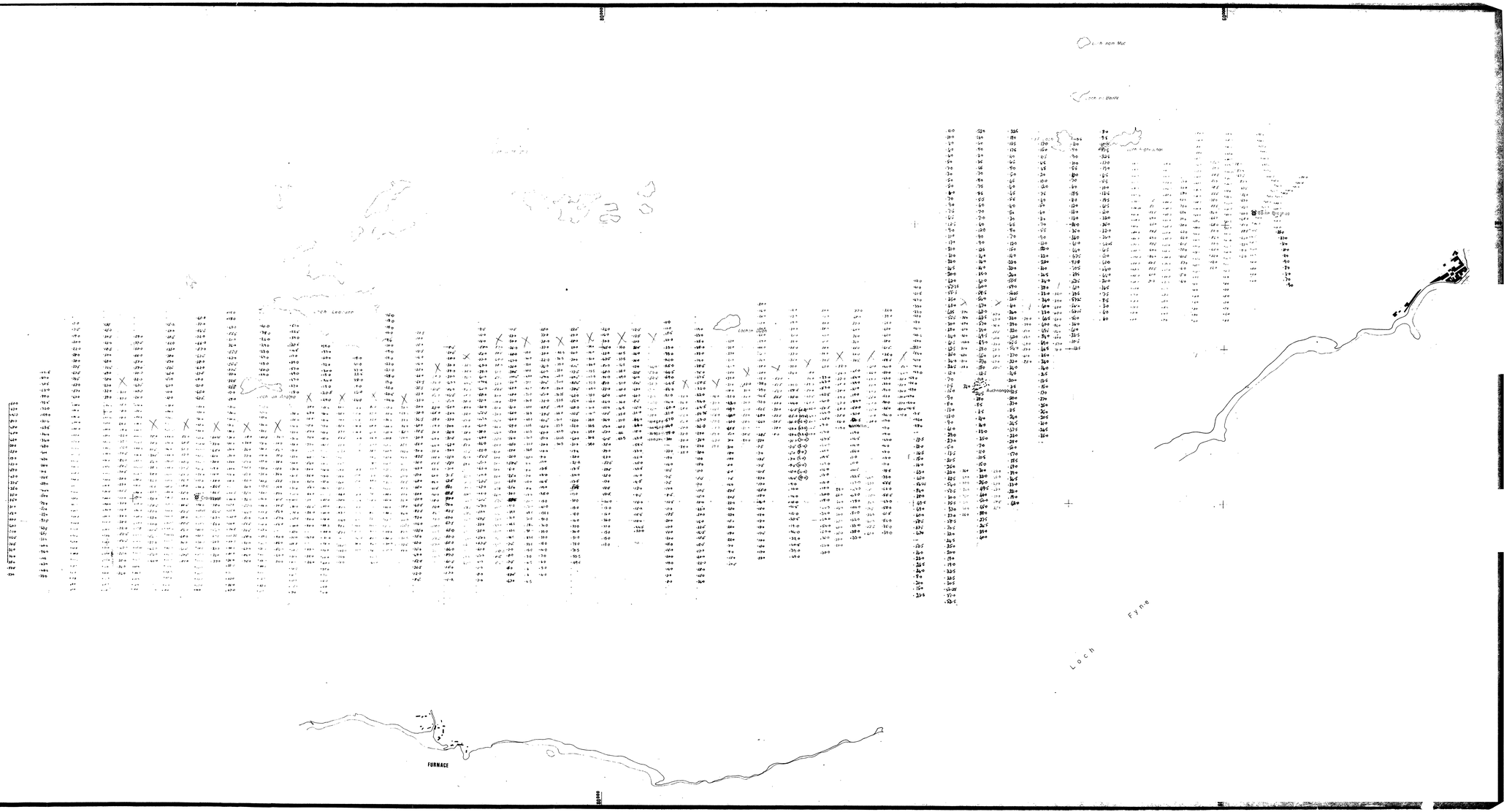


Consolidated Gold Fields Ltd.

EXPLORATION

Title: LOCH FYNE – CHARGEABILITY

COUILE EARCHAR TO CAMPBELTOWN

Dwg No. 8.	Argyllshire O.S.	Prepared by: E.R.P.
	Geological Map No. –	B.P.
	Scale: 6" to 1 mile	Date: Apr. 1972
	Revisions:	

Surveyed in 1877 Revised in 1897-98

Spot heights, unless on lines of levels between B.Ms., are only approximate.

CHARACTERISTICS AND SYMBOLS

County Boundary
Parish Boundary
Antiquities
Arrow, showing direction of flow of water
Trigonometrical Station
Characteristic Sheet

Price 1/-net.

Scale — Six Inches to One Statute Mile or 880 Feet to One Inch = 1/10560

10 Chains 5 0 10 20 30 40 50 60 70 80 Chains
40 Perches 20 0 40 80 120 160 200 240 280 320 Perches } 1 Mile

1000 Feet 500 0 1000 2000 3000 4000 5000 5280 Feet
1 Furlong 0 ¼ ½ ¾ 1 Mile } 1 Mile

Heliozincography from 1/10560 Plans and Published at the Ordnance Survey Office, Southampton.

N.B. The representation on this map of a Road, Track, or Footpath, is no evidence of the existence of a right of way.

The Altitudes are given in Feet above the assumed Mean Level of the Sea

1:5000 Approx.

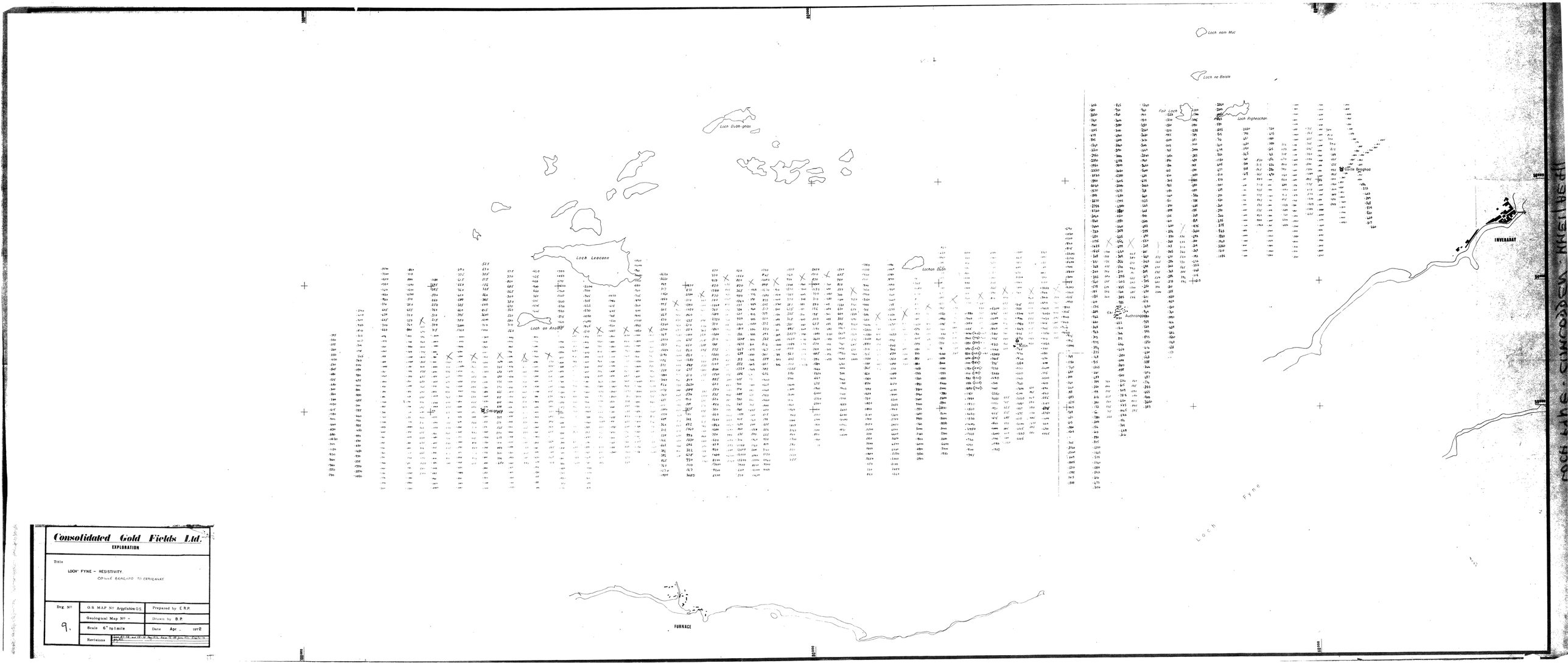
Consolidated Gold Fields Ltd.

EXPLORATION

Title

LOCH FYNE – VERTICAL MAGNETIC INTENSITY
COILLE BRAGHAD TO CRAIGNURE

Drg. No. 10	O.S. MAP No Argyllshire O.S.	Prepared by E.P.
	Geological Map No –	Drawn by E.P.
	Scale 6" to 1 mile	Date Apr – 1972
	Revisions	[illegible]



Consolidated Gold Fields Ltd.

EXPLORATION

Title

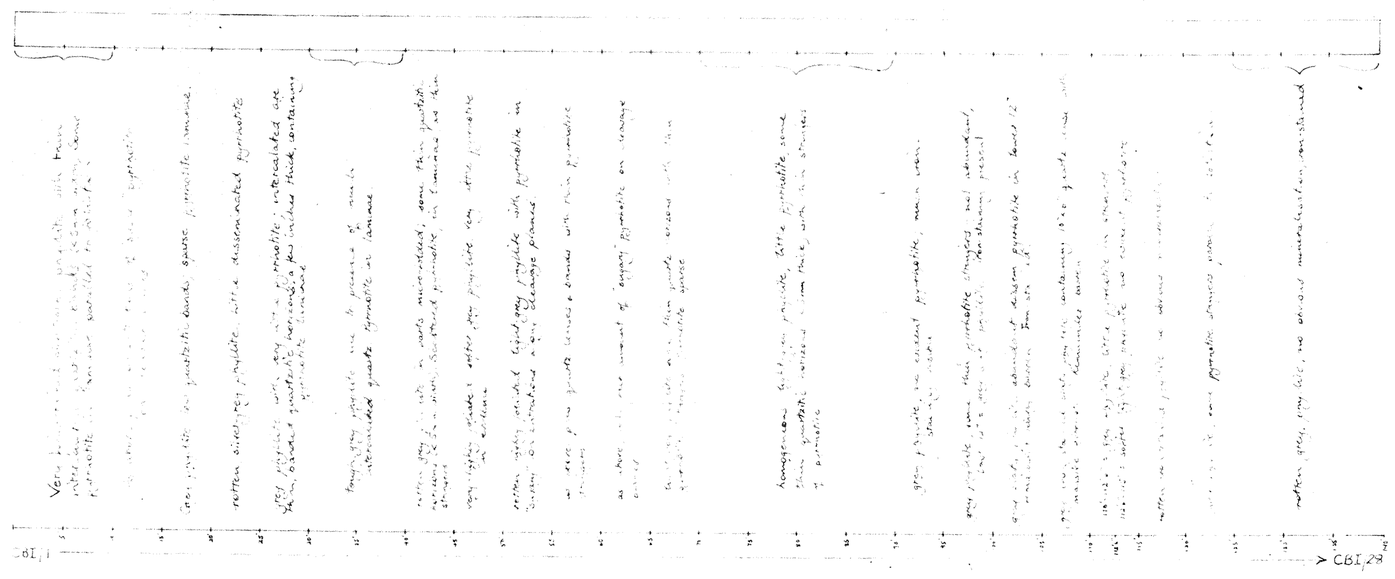
LOCH FYNE – RESISTIVITY

COILLE BEAGHAD TO CERIGANAKE

Drg. No 9.	O.S. MAP No Argyllshire O.S.	Prepared by C.R.P.
	Geological Map No –	Drawn by B.P.
	Scale 6" to 1 mile	Date Apr. 1972
	Revisions	

TRENCH No. CB I

PEAT: 12"-18" thick
BOULDER-CLAY: 3'-4' thick, brown in colour, few angular fragments
DEPTH OF TRENCH: 4'-8' (max.)



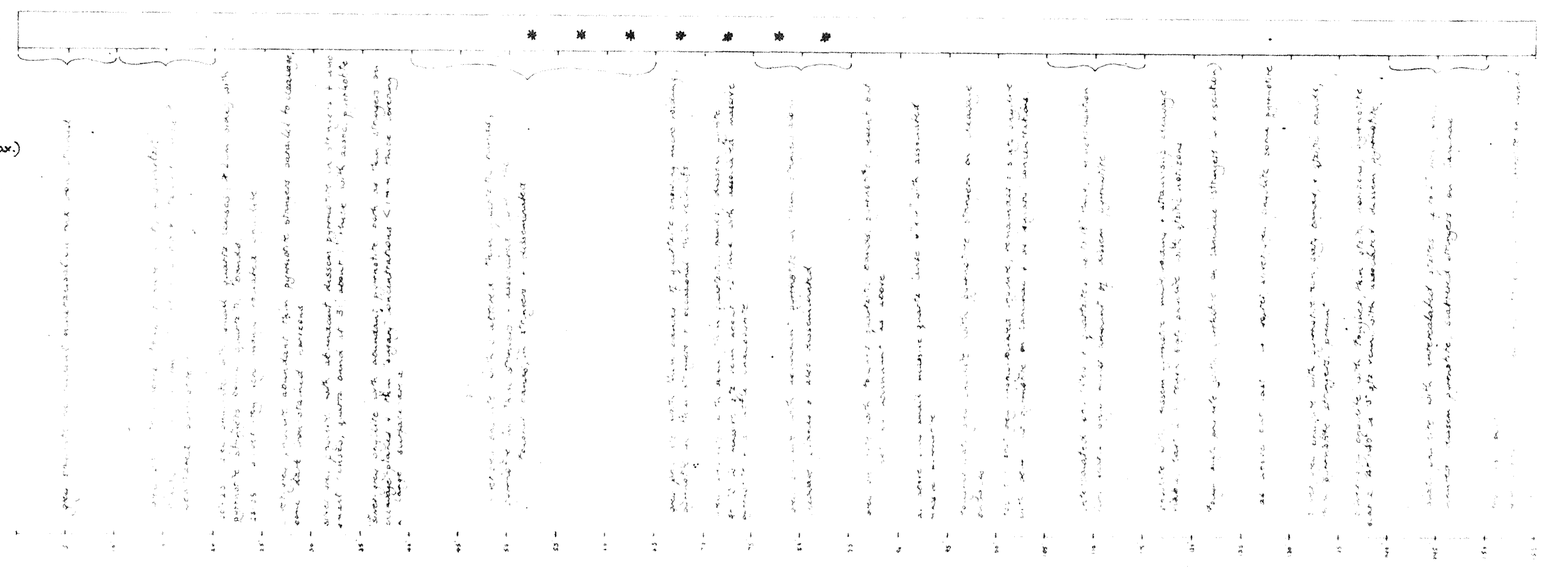
SAMPLE NUMBERS CBI/1 → CBI/28

SAMPLE VALUES p.p.m.																													
Au	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01
Ni	35	40	40	40	35	25	25	30	40	30	35	50	45	40	30	30	35	25	25	25	30	20	25	20	30	20	20	30	
Cu	35	25	25	30	20	15	25	25	25	30	35	60	45	35	25	25	30	25	25	20	30	20	30	30	30	20	25	30	

TRENCH No. CB II

PEAT: 2'-3' thick
BOULDER-CLAY: 2'-3' thick (see above for description)
DEPTH OF TRENCH: 4'-8' (max.)

* indicates sample taken from machine-bucket due to depth and conditions of trench wall



SAMPLE NUMBERS CBII/1 → CBII/31

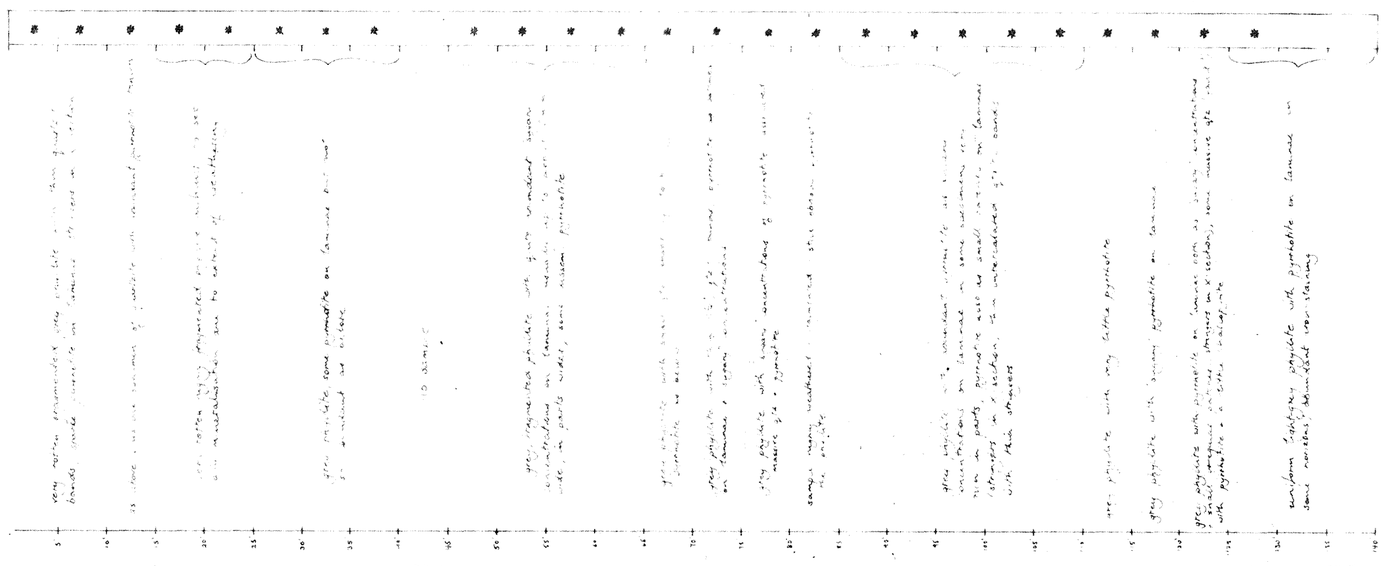
SAMPLE VALUES p.p.m.																															
Au	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	(0·01) 0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01
Ni	30	30	45	25	30	40	55	45	45	60	45	90	75	50	(260) 110	60	50	50	40	40	45	30	80	150	50	70	65	50	50	30	50
Cu	25	15	70	10	35	40	55	50	30	50	35	45	45	30	(180) 45	45	60	30	30	45	35	35	45	55	30	40	35	100	35	45	40

N.B. Values in brackets above represent mineralisation in the massive quartz vein

TRENCH No. CB III

PEAT: 3½'-5' thick
BOULDER-CLAY: 1'-2' thick
ROTTEN BEDROCK: 3'-6' thick
DEPTH OF TRENCH: 5'-13' (max.)

* indicates sample taken from machine-bucket due to depth and conditions of trench wall.

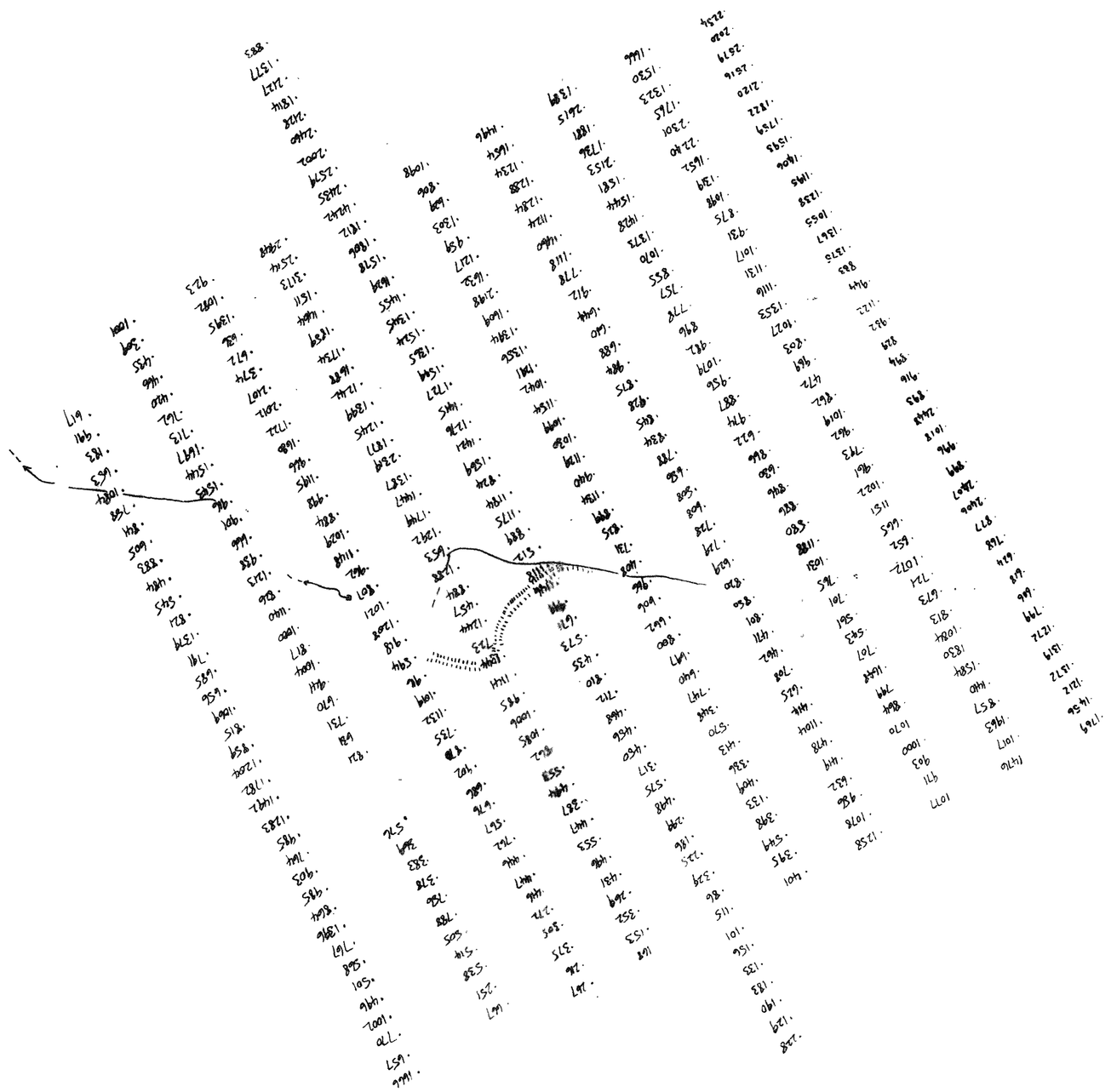


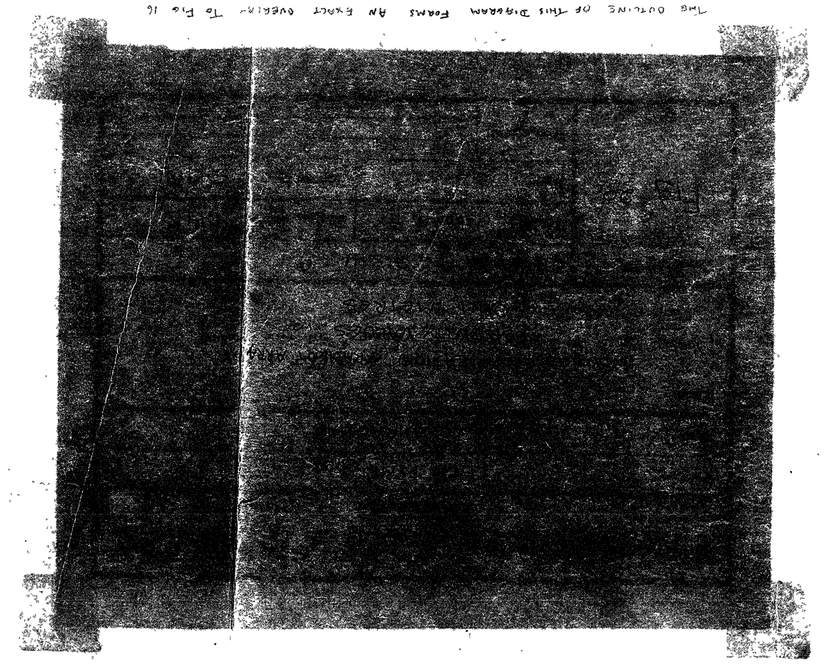
SAMPLE NUMBERS CBIII/1 2 3 28 ← 23 ← CBIII/4

SAMPLE VALUES p.p.m.																													
Au	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·0	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01
Ni	50	60	45	50	45	50	45	45	50	60	45	85	45	45	40	45	45	50	45	60	60	60	50	50	70	50	35	25	
Cu	45	70	60	70	60	75	40	40	40	35	30	75	60	35	30	30	25	40	50	50	45	35	30	30	65	40	45	20	

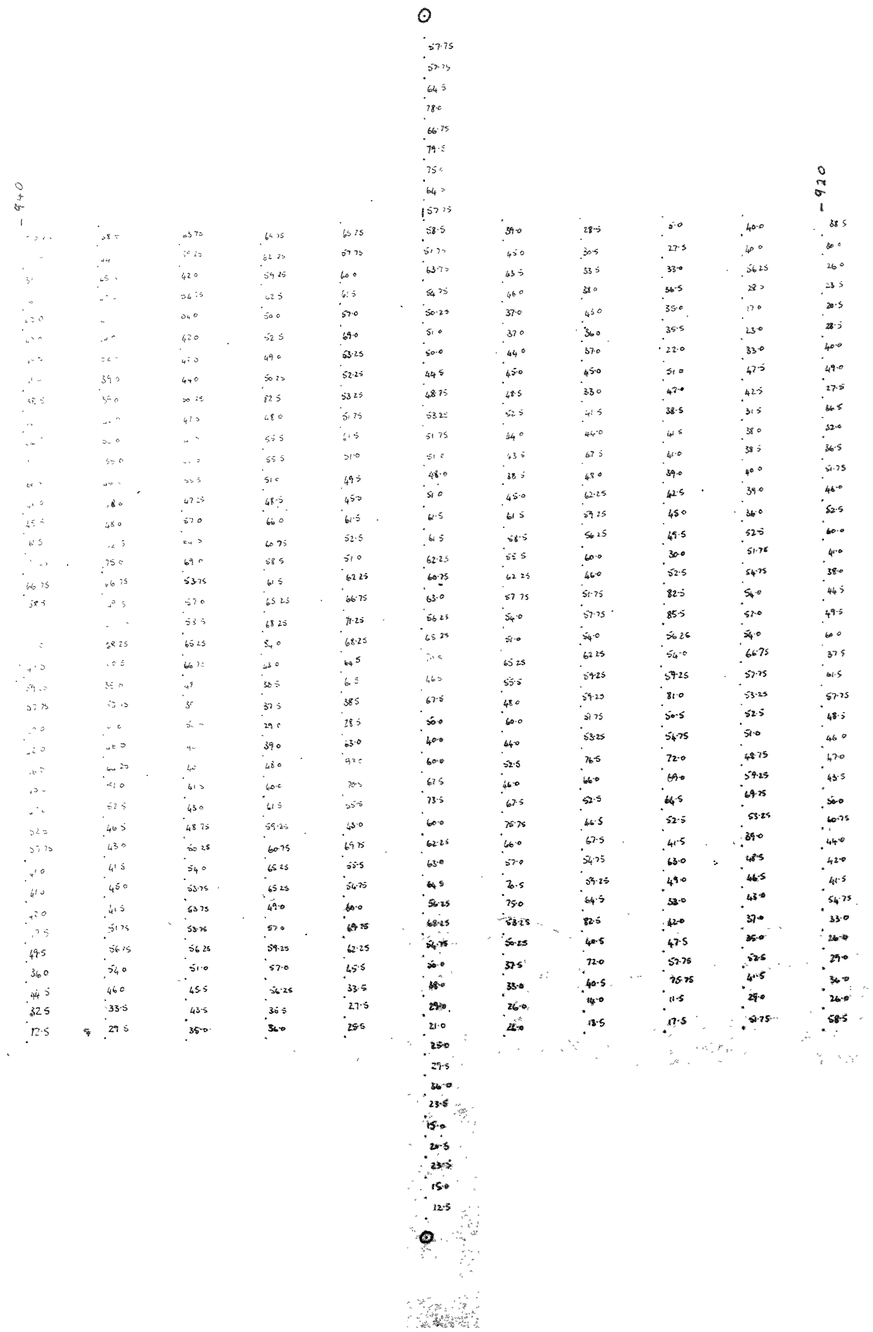
Consolidated Gold Fields Ltd.
EXPLORATION

Project:	LOCH FYNE
Area:	COILLE BHRAGHAD
Title:	TRENCH GEOLOGICAL LOGS AND BEDROCK ANALYTICAL VALUES
Drawing No.	FIG 22
O.S. Map No.	[redacted]
Scale	1" = 10'
Date	
Revisions	
Prepared by:	S.J.K
Drawn by:	S.J.K.



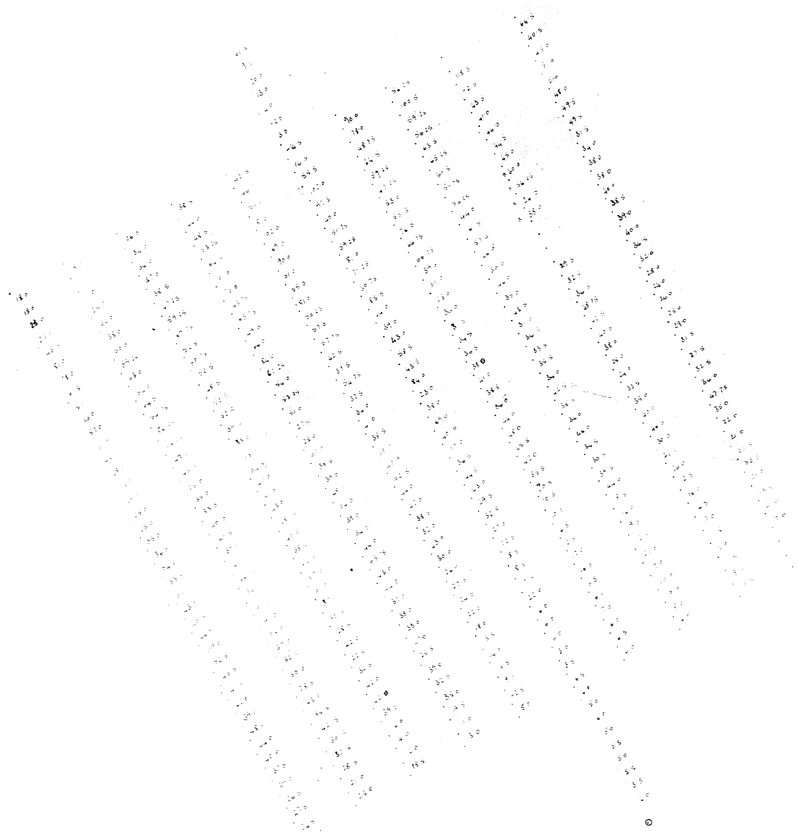


The curves of this diagram forms an exact overlay to fig 16



Consolidated Gold Fields Ltd.
EXPLORATION

Project:	LOCH FYNE
Area:	CRAIGNURE
Title:	INDUCED POLARISATION DETAILED SURVEY (GRADIENT ARRAY) Chargeability values in millisecondes
Drawing No.	FIG 23
O.S. Map No.	—
Scale:	25" = 1 MILE
Prepared by:	DHQ
Date:	
Drawn by:	DHQ
Revisions:	



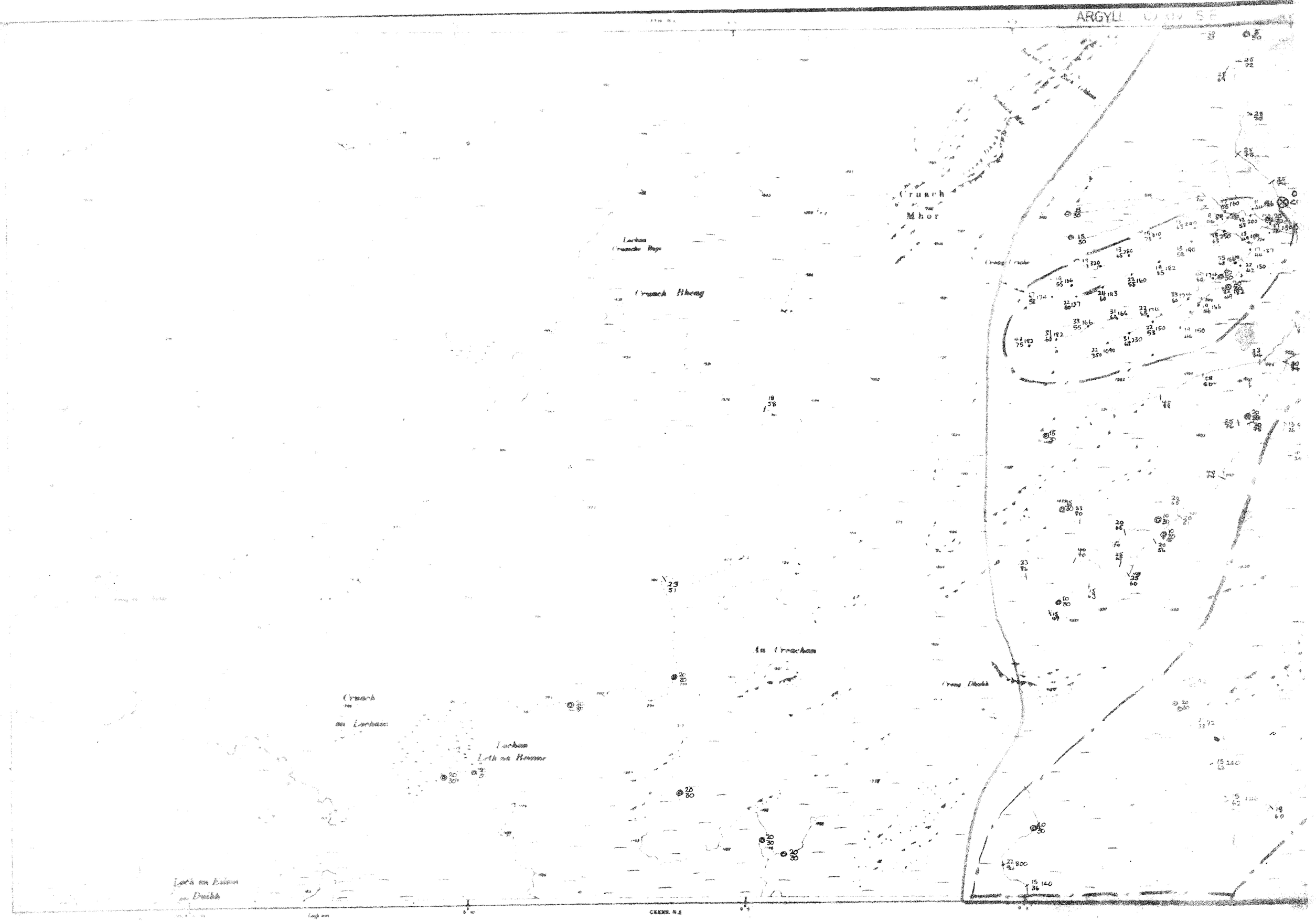
Consolidated Gold Fields Ltd.

EXPLORATION

Project:	LOCH FYNE
Area:	COILLE BHRAGHAD
Title:	INDUCED POLARIZATION GRADIENT ARRAY CHARGEABILITY VALUES IN MILLISECS

Drawing No.	O.S. Map No.		
Fig. 9	Scale: 1/2500 ft	Prepared by:	[illegible]
	Date:	Drawn by:	[illegible]
	Revisions:		

THE OUTLINE OF THIS MAP FORMS A DIRECT OVERLAY TO FIG. 16.



Consolidated Gold Fields Ltd.

EXPLORATION

Project: LOCH FYNE

Area:

Title: STREAM SEDIMENT SAMPLING Cu/Ni Zn
PRELIMINARY FOLLOW-UP COVER
— PFU Sampling ⊗ Area Pines panned con
— Original PFU sampling (Garbh Achadh & "E")
⊙ — Original reconnaissance sampling site.

Drawing No.	O.S. Map No. CXXIV SE	
FIG. 4.1.	Scale: 1:10,560	Prepared by AW.
	Date:	Drawn by AW SJK . BAK.
	Revisions:	

Consolidated Gold Fields Ltd.

EXPLORATION

Project: LOCH FYNE

Area:

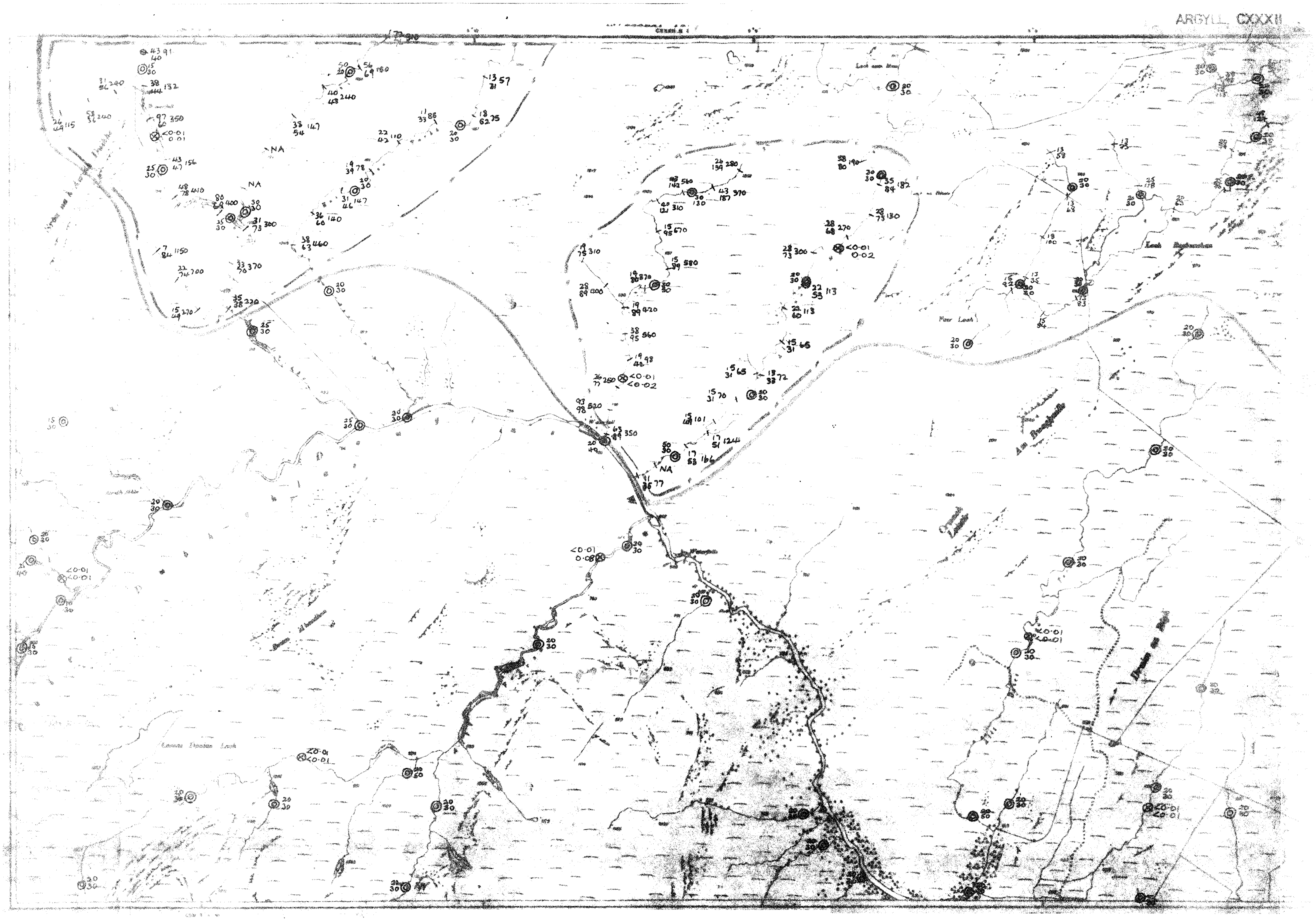
Title: STREAM SEDIMENT SAMPLING
PRELIMINARY FOLLOW-UP COVER

— P.F.U. Sampling ⊗ = Au Pines panned conc. Cu/Ni Zn

— Original P.F.U. sampling Earlier Achadh

— Reconnaissance Sampling Site

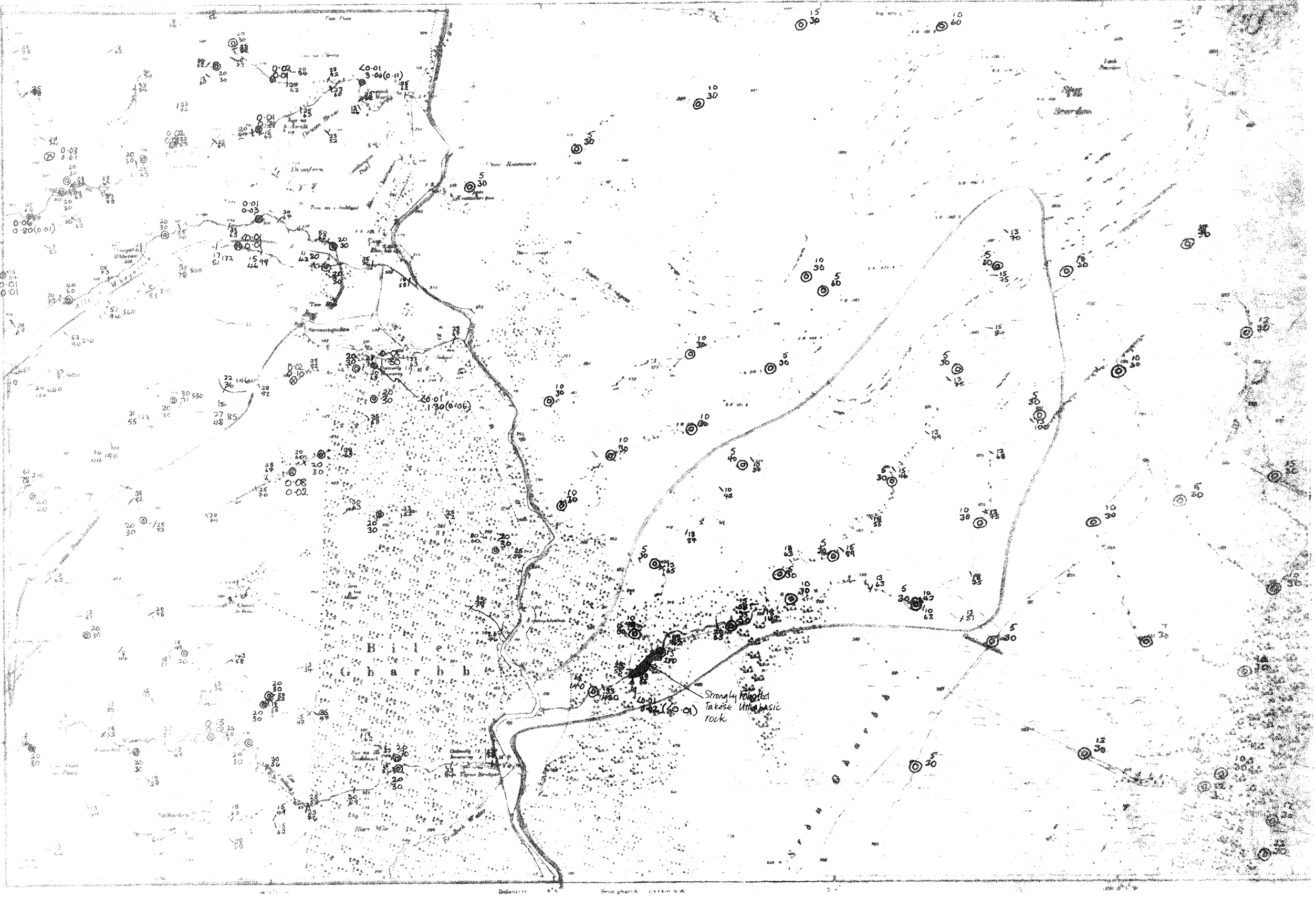
Drawing No. FIG. 4.2.	O.S. Map No. CXXXII NE	
	Scale: 1 : 10,560.	Prepared by AW.
	Date:	Drawn by AW. SJK. BAK.
	Revisions:	



Consolidated Gold Fields Ltd.

EXPLORATION

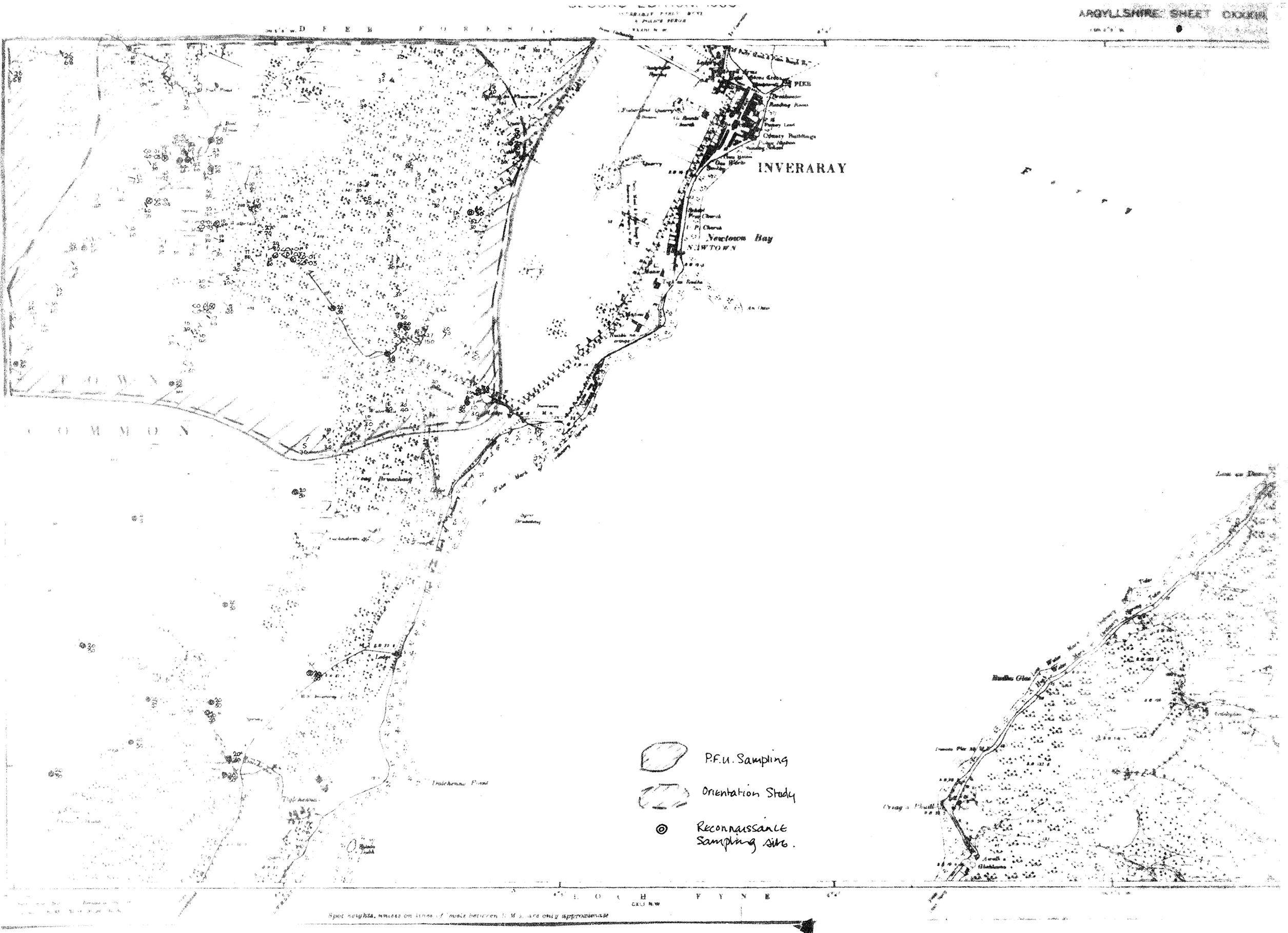
Project:	LOCH FYNE
Area:	
Title:	STREAM SEDIMENT SAMPLING PRELIMINARY FOLLOW-UP COVER $\frac{Cu}{Ni}$ Zn ⊗ = Au fines / panned conc — P.F.U Sampling — Original P.F.U areas (Garbh Achadh 9 "G") ◎ — Reconnaissance Sampling Site.
Drawing No: FIG. 4.3.	O.S. Map No. CXXXII SE.
	Scale: 1:10,560 — Prepared by AW
	Date: — Drawn by AW SJK. BAK
	Revisions:



Consolidated Gold Fields Ltd.

EXPLORATION

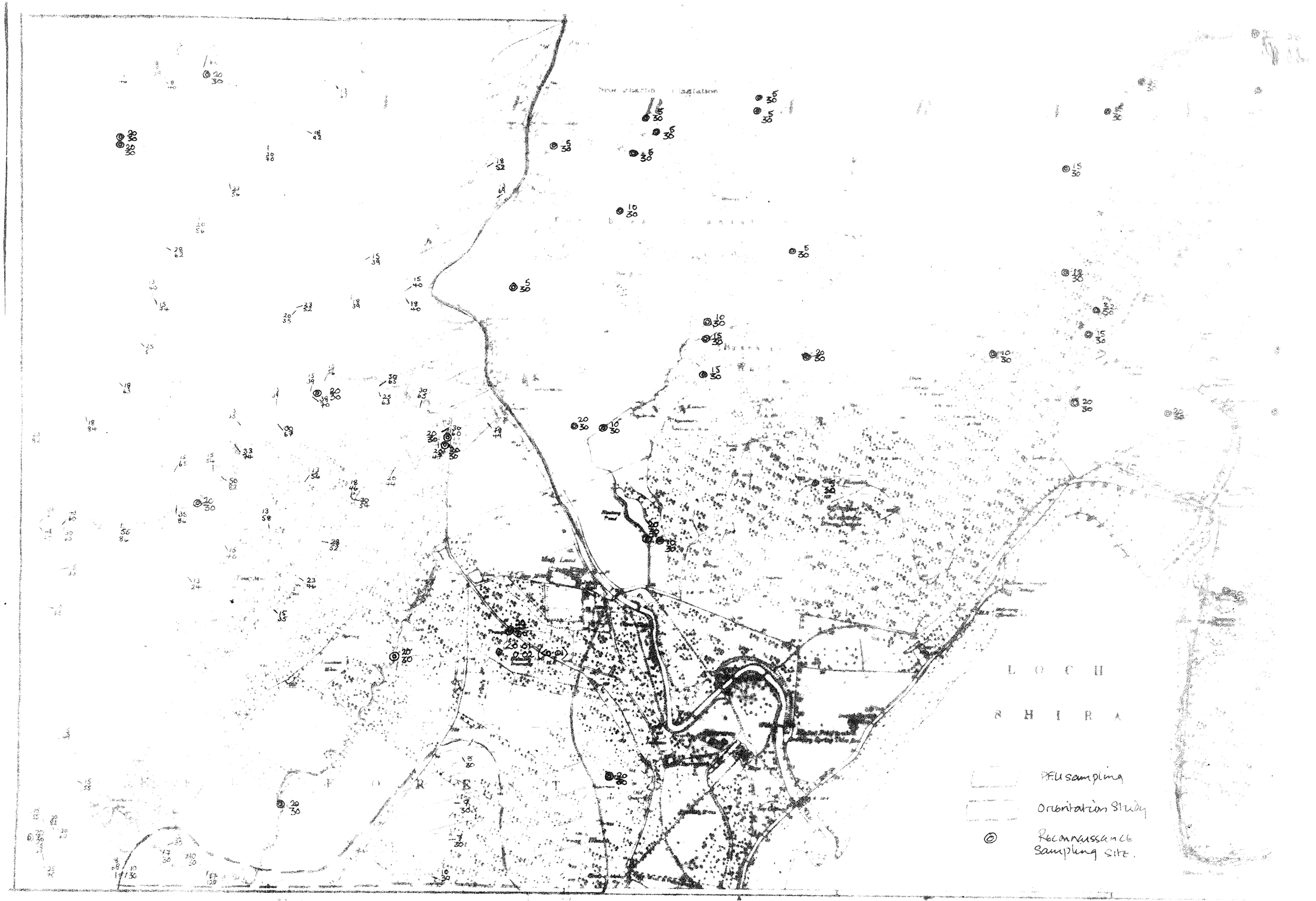
Project:	LOCH FYNE
Area:	
Title:	STREAM SEDIMENT SAMPLING. PRELIMINARY FOLLOW-UP COVER. Cu/Ni Zn — PEU Sampling. ⊗ Au Fine panned con. ◎ — Reconnaissance Sampling Site. — Original PEU Sampling. Loch Achaidhara
Drawing No.	FIG. 4.5
O S Map No	CXXV SW
Scale:	1 : 10,560
Prepared by	AW.
Date:	
Drawn by	AW. SJK. BAK
Revisions:	

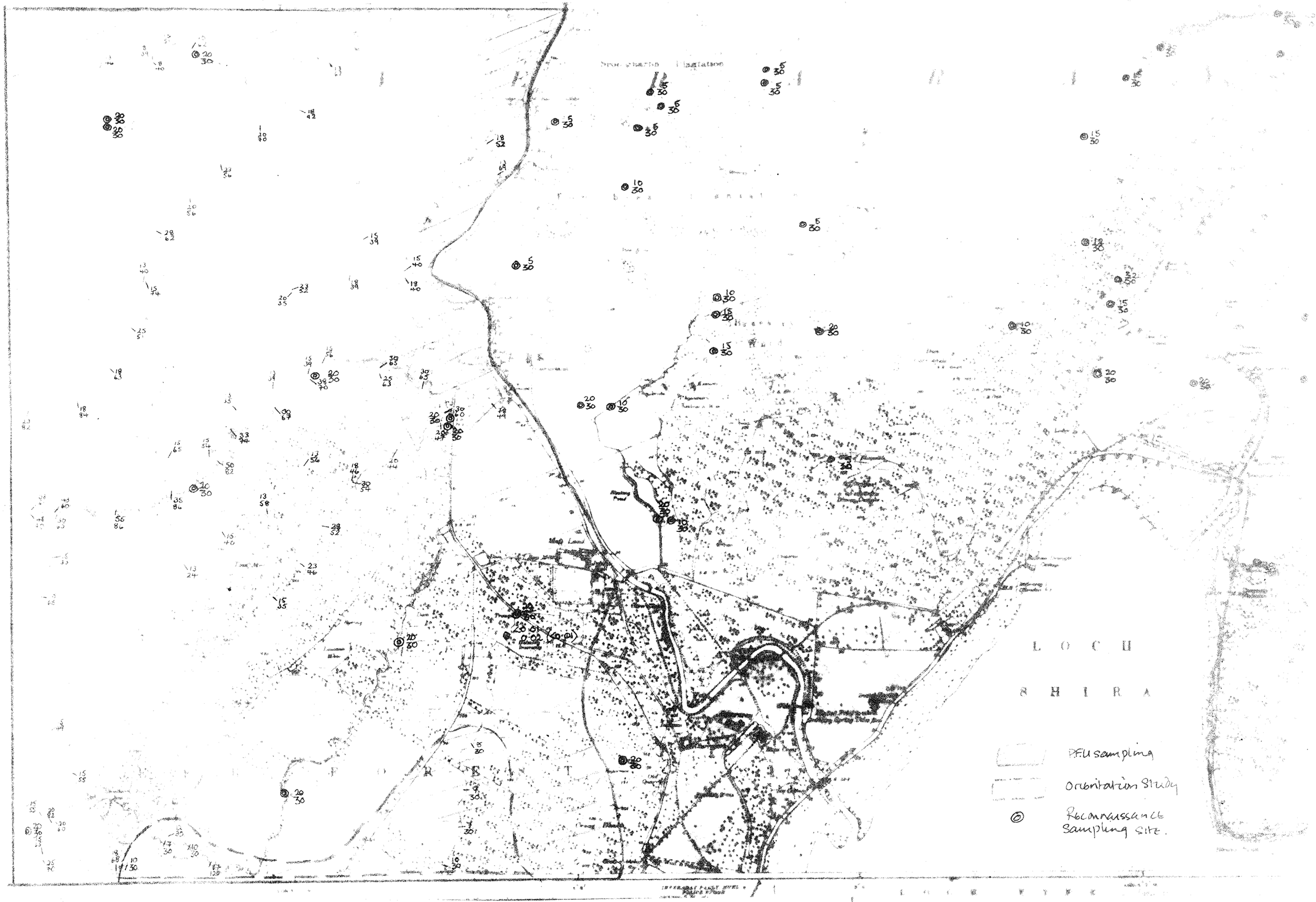


Consolidated Gold Fields Ltd.

EXPLORATION

Project:	LOCH FYNE
Area:	
Title:	STREAM SEDIMENT SAMPLING PRELIMINARY FOLLOW-UP COVER. Cu/Ni ⊗=Au fines/panned conc.
Drawing No.	FIG. 4.7.
O.S. Map No.	CXXXIII SW
Scale:	1:10,560
Prepared by	AW
Date:	
Drawn by	AW. BAK
Revisions:	

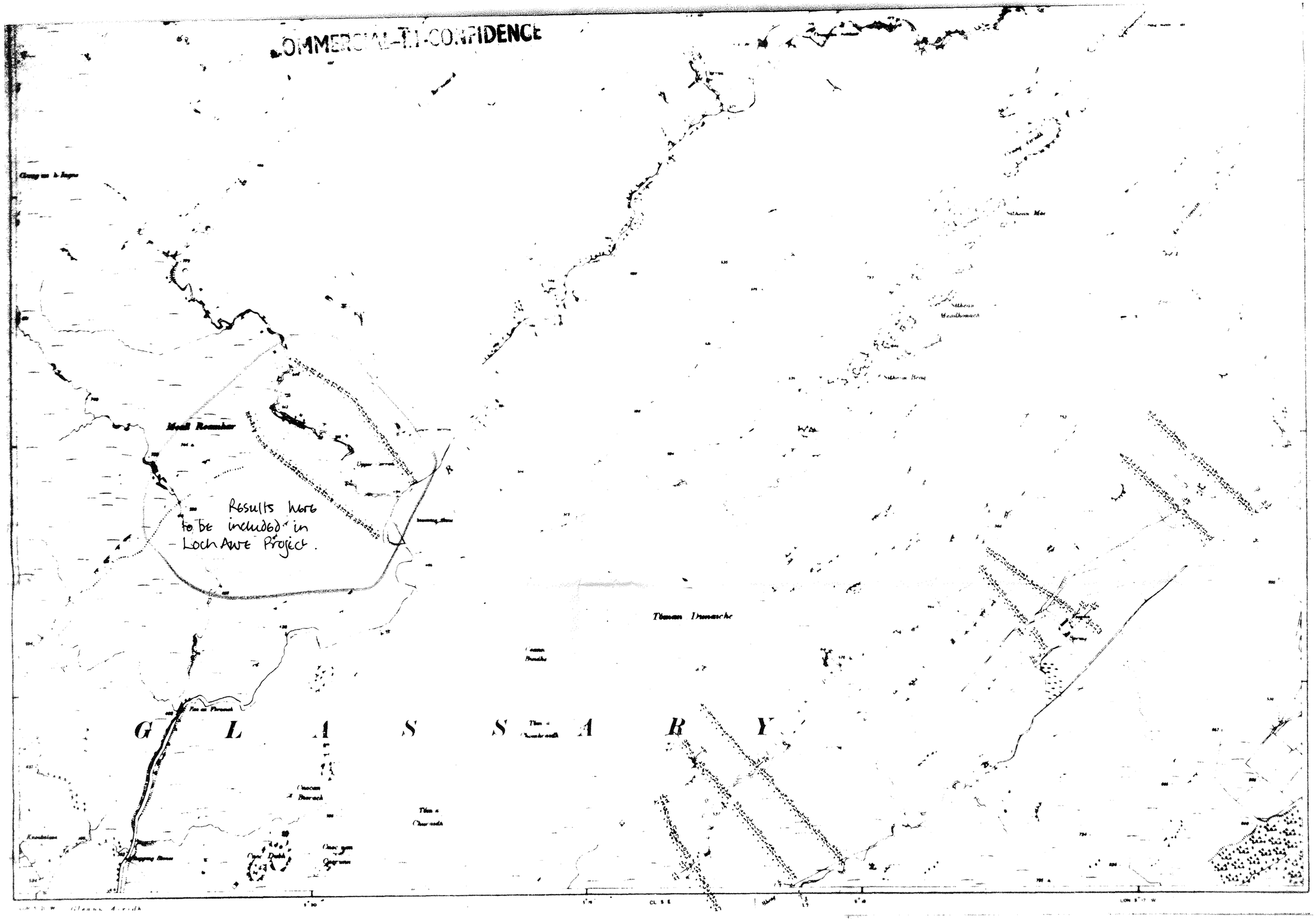

L O C H
S H I R A
PFU sampling
Orientation Study
Reconnaissance Sampling Site.



Consolidated Gold Fields Ltd

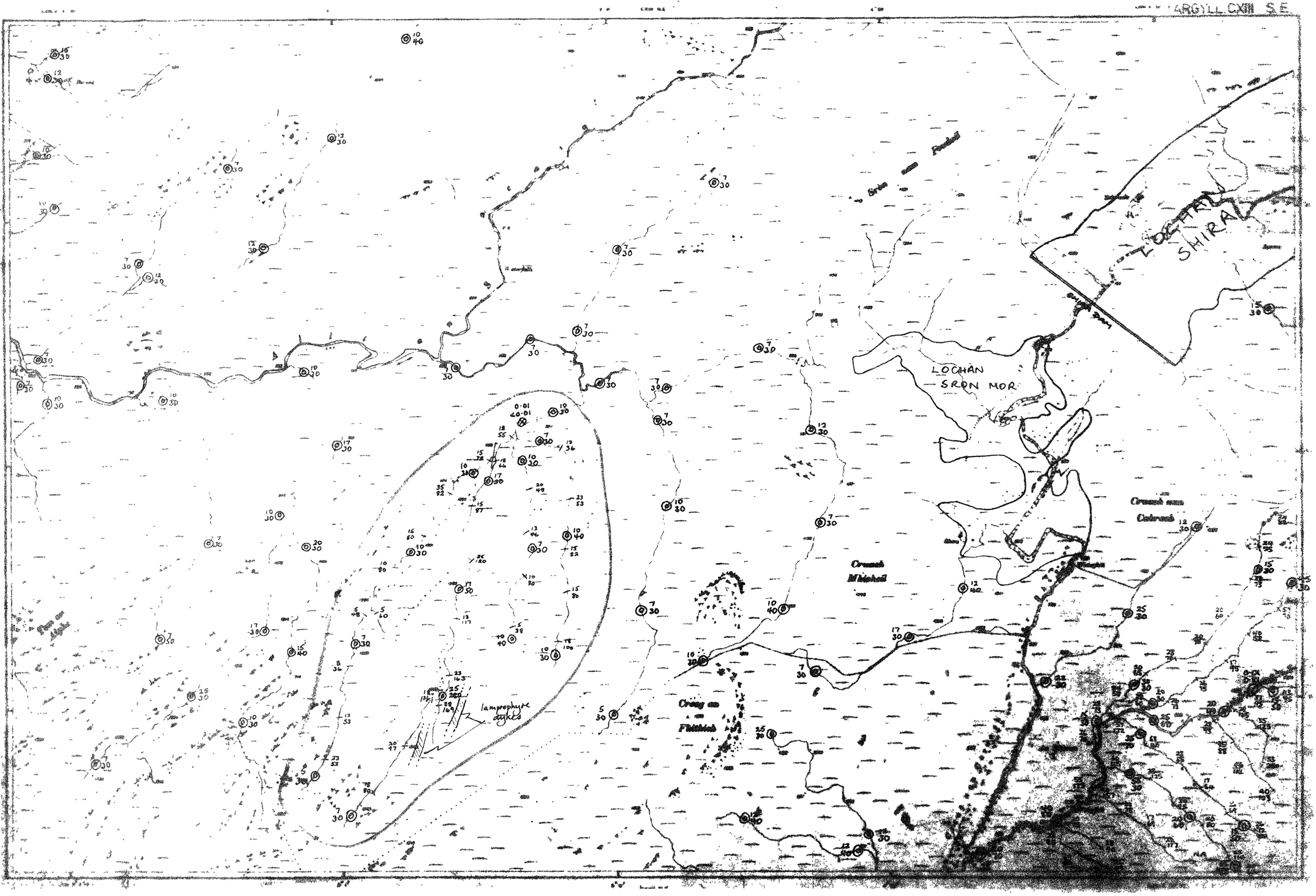
EXPLORATION

Project:	LOCH FYNE
Area:	
Title:	STREAM SEDIMENT SAMPLING PRELIMINARY FOLLOW-UP COVER ⊗ = Au. Fines panned conc. Cu Ni
Drawing No: FIG. 4.6	O S Map No: C.XXXIII NW
	Scale: 1:10,560 — Prepared by: AW
	Date: — Drawn by: AW. SJK. BA
	Revisions:



Consolidated Gold Fields Ltd.
EXPLORATION

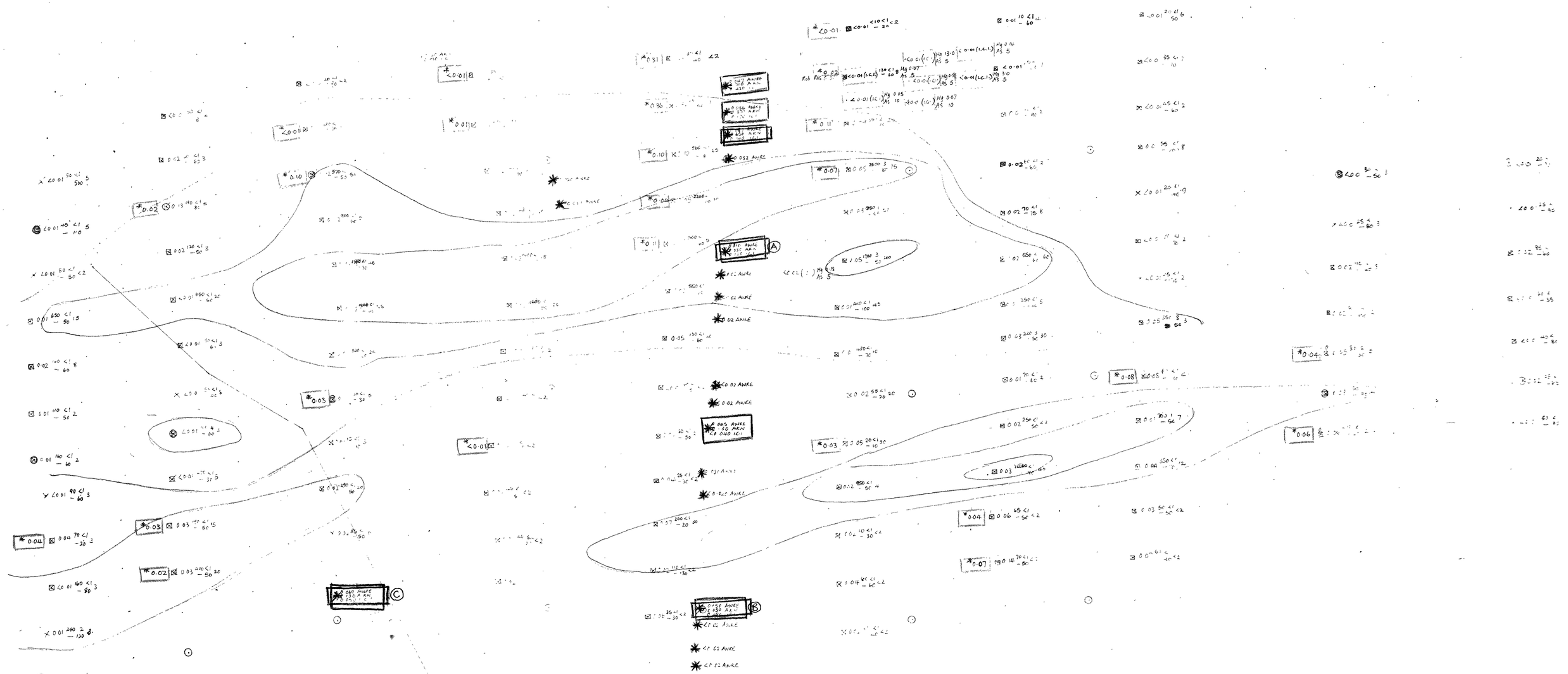
Project:	LOCH FYNE
Area:	
Title:	SOIL SAMPLING ANALYICAL RESULTS AREAS 'H' & 'J'. • Cu ppm. Ni ppm.
Drawing No.	FIG. 5
O.S. Map No.	CL NE
Scale:	1: 10,560
Prepared by	AW
Date:	
Drawn by	REMH
Revisions:	



Consolidated Gold Fields Ltd.
EXPLORATION

Project:	LOCH FYNE
Area:	AREA I ✓
Title:	STREAM SEDIMENT SAMPLING PRELIMINARY FOLLOW-UP AREA I Analytical Results plotted Cu/Ni. ⊗ = Au fines panned conc ⊙ - Original Reconnaissance Sampling Sites.

Drawing No.	O.S. Map No CXIII SE.	
	Scale: 1:10,560	Prepared by AW.
FIG. 6.	Date:	Drawn by SJK.
	Revisions.	



20 Sites. Soil samples analysed for Au by NAA. (AWRE). Previous

7 Sites. Resampled and analysed by A. Knight (A.A.) and I.C.I (NAA)

7 Sites. Follow up around LEA 38

4 Sites selected for wet screen analysis. (Selected from the 7 sites (jungle) above)

(A)(B)(C) 3 Sites selected for control material sources.

⊠ Indicates bedrock reached by mechanical digger

⊗ Indicates bedrock not reached

Consolidated Gold Fields Ltd.
EXPLORATION

Project: LOCH FYNE

Area: BARBH ACHADH

Title: BASE OF OVERBURDEN SAMPLING ANALYTICAL RESULTS

Plotted: Gold | Copper | Silver | Molybdenum | Nickel | Zinc

*0.10 = Check analysis by Neutron Activation Analysis (NAA)

Drawing No.: FIG 8

O.S. Map No.:

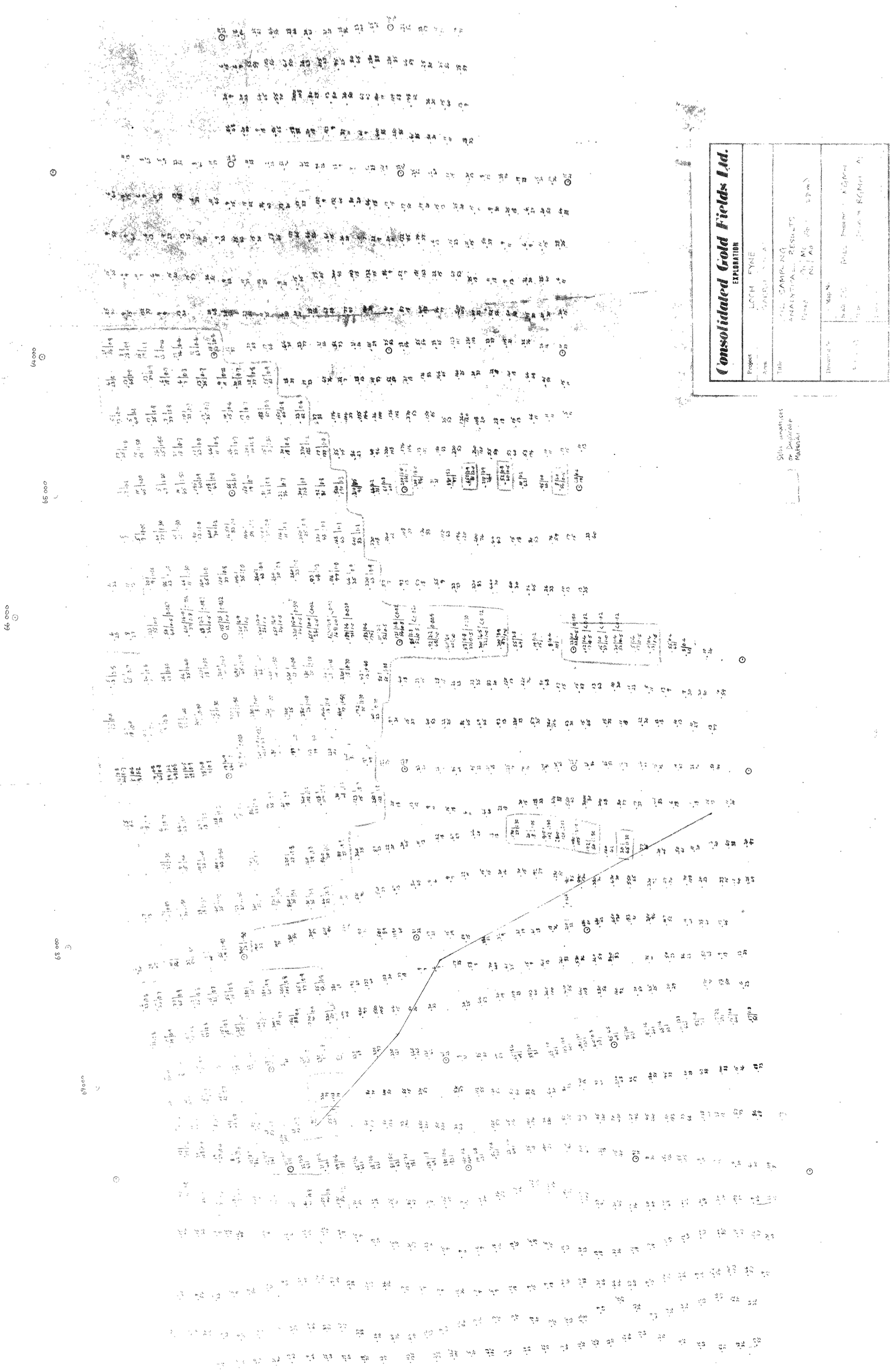
Scale: 25" = 1 MILE

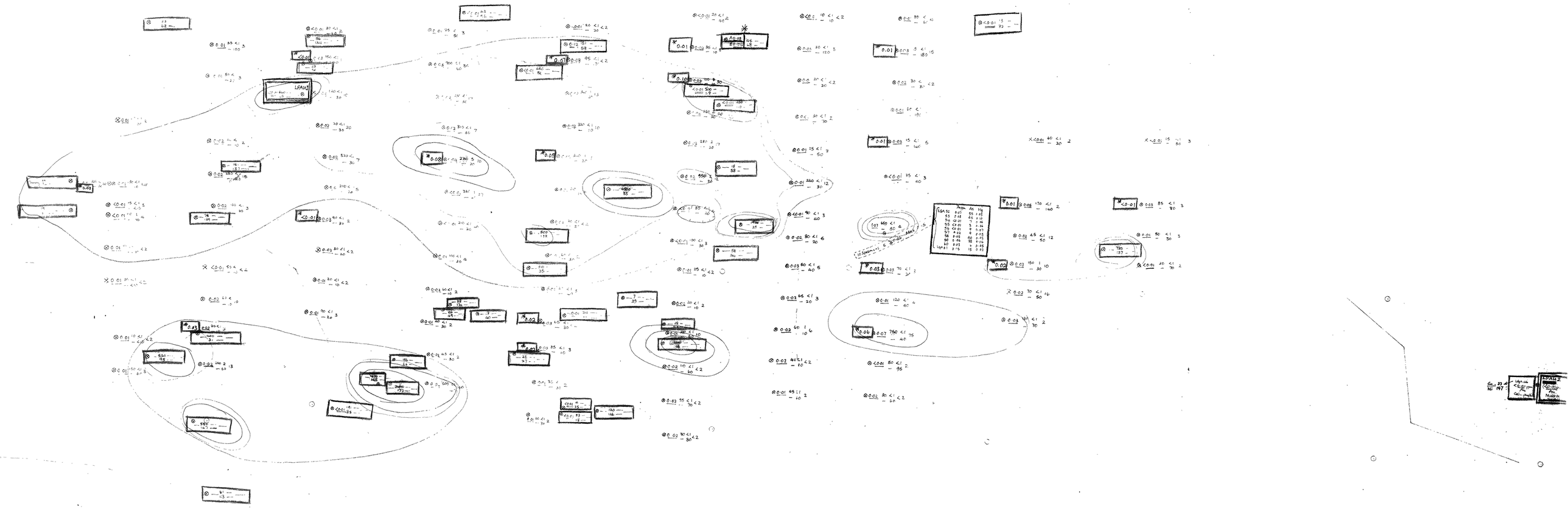
Prepared by: AN

Date:

Drawn by: AN

Revisions:


Consolidated Gold Fields Ltd.
EXPLORATION
Project
LOCH EYNE
Area
Title
ALL SAMPLING
ANALYTICAL RESULTS
Drawing No.
Map No.
Scale 1:50
Date
Drawn
Silica analyses
on Duplicate
MARGINAL
64 000
65 000
66 000
67 000
68 000
69 000



SURFACE ROCK SAMPLES.

23 Rock samples analysed for gold, copper & nickel

2 Rock samples provisionally analysed for gold.

24 Rock samples analysed by AA. for Cu and Ni.

[N.B. This includes 2 samples for gold analysis - one an original gold sample & one a duplicate. Only 1 sample analysed for Cu & Ni. however.]

Consolidated Gold Fields Ltd.
EXPLORATION

Project: LOCH FYNE

Area: GARBH ACHADH

Title: BEDROCK SAMPLING
ANALYTICAL RESULTS
Plotted: Gold, Copper, Silver, Molybdenum, Nickel, Zinc
Check analysis by Norman Anderson Ltd.

Drawing No.: FIG 10

G.S. Map No.

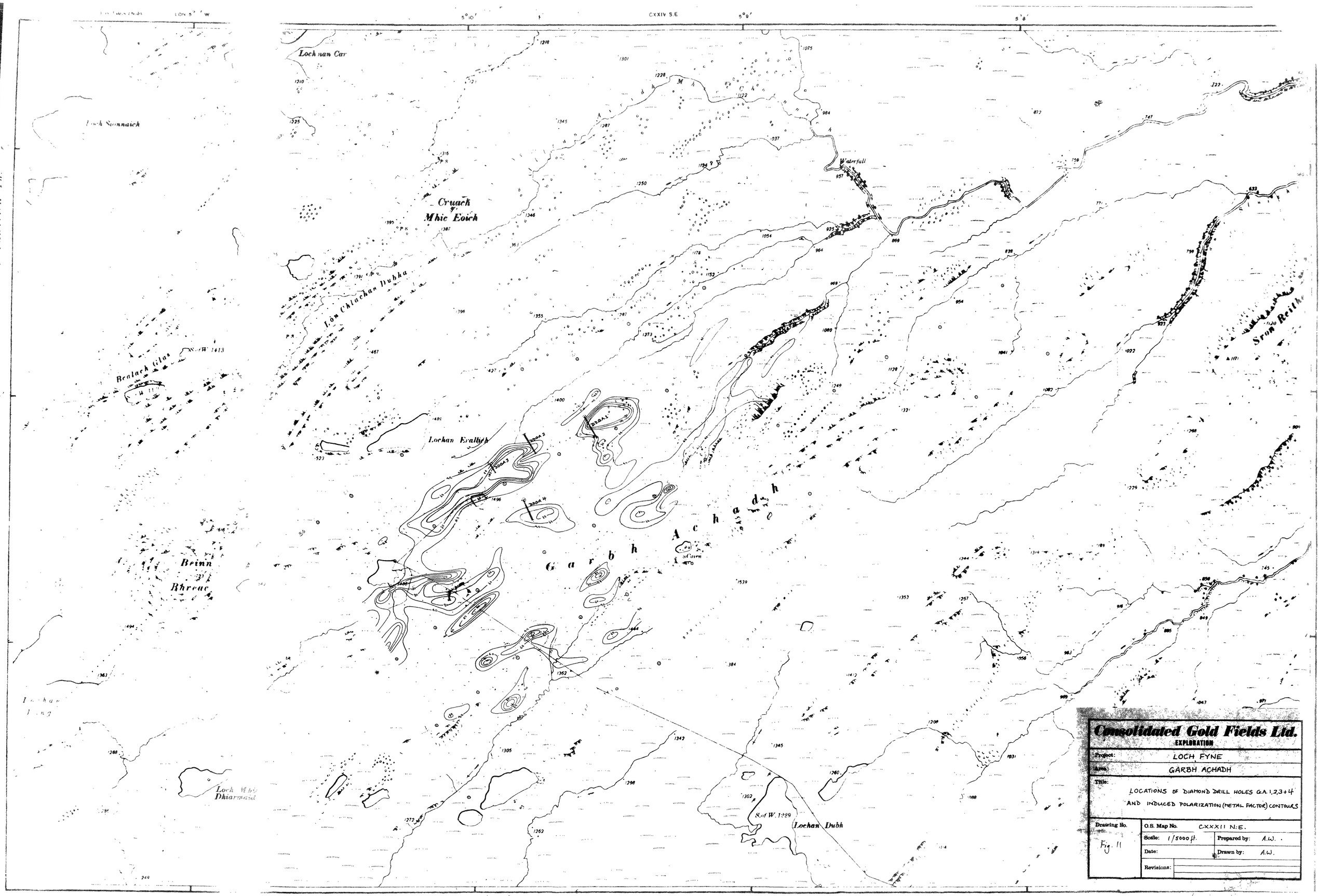
Scale: 25" = 1 MILE

Prepared by: MGI

Date:

Drawn by: PW

Revisions:

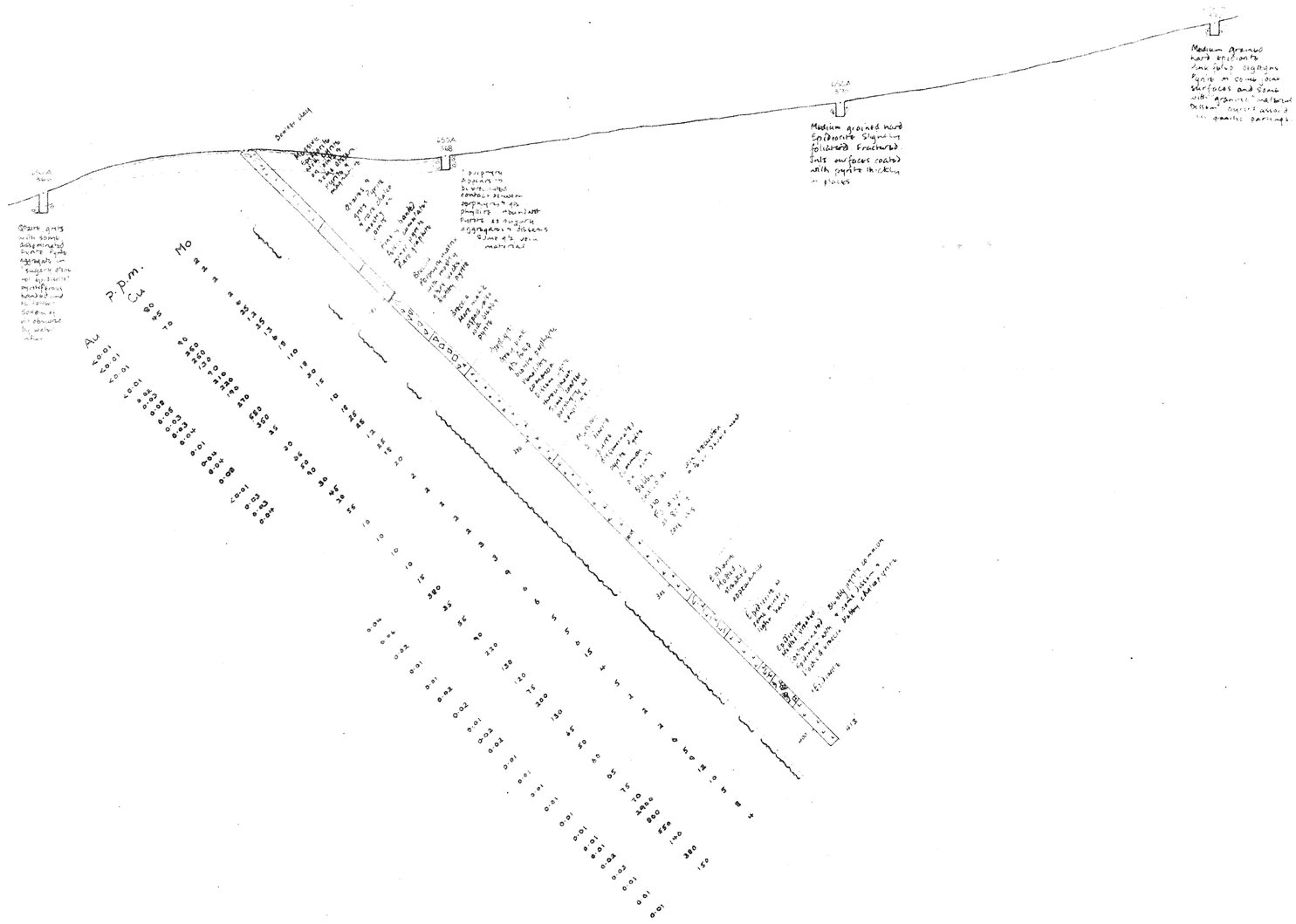


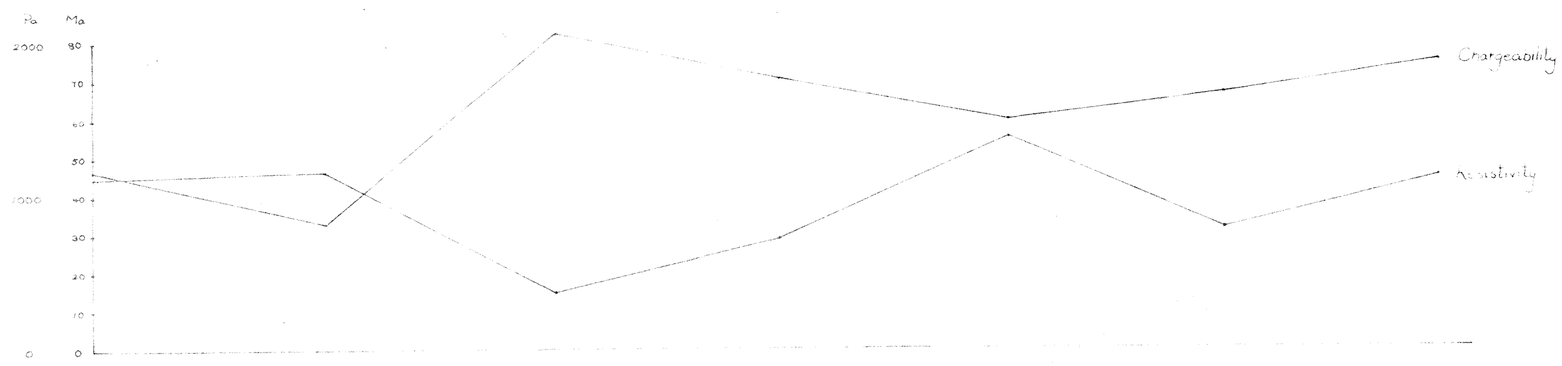
Spot heights, unless on lines of levels between B.Ms., are only approximate.

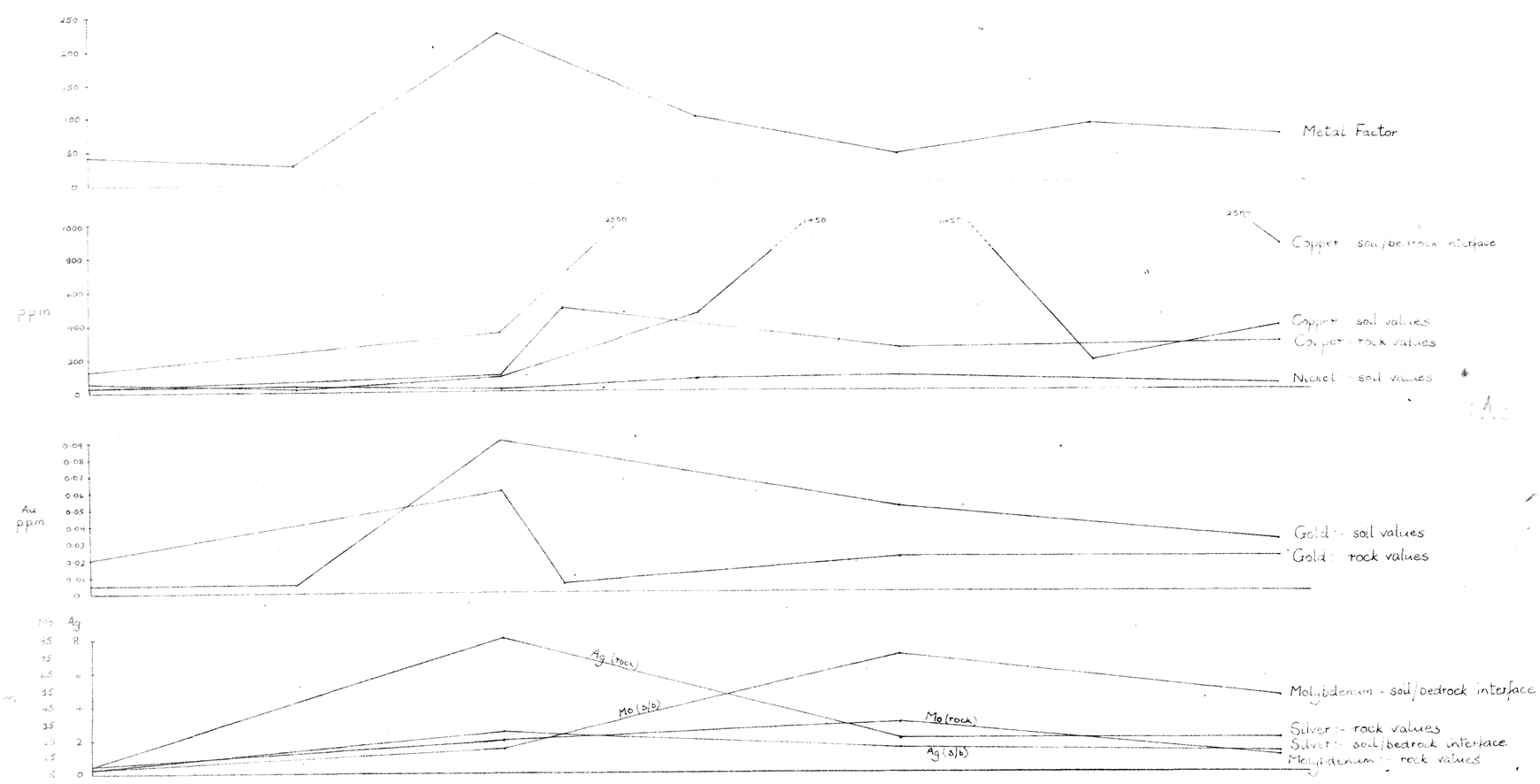
Scale Six Inches to One Statute Mile or 1/5000 for One Inch to Mile

Price 1/- net.

Transcribed from 1:25000 Plans and Published at the Ordnance Survey Office, Southampton



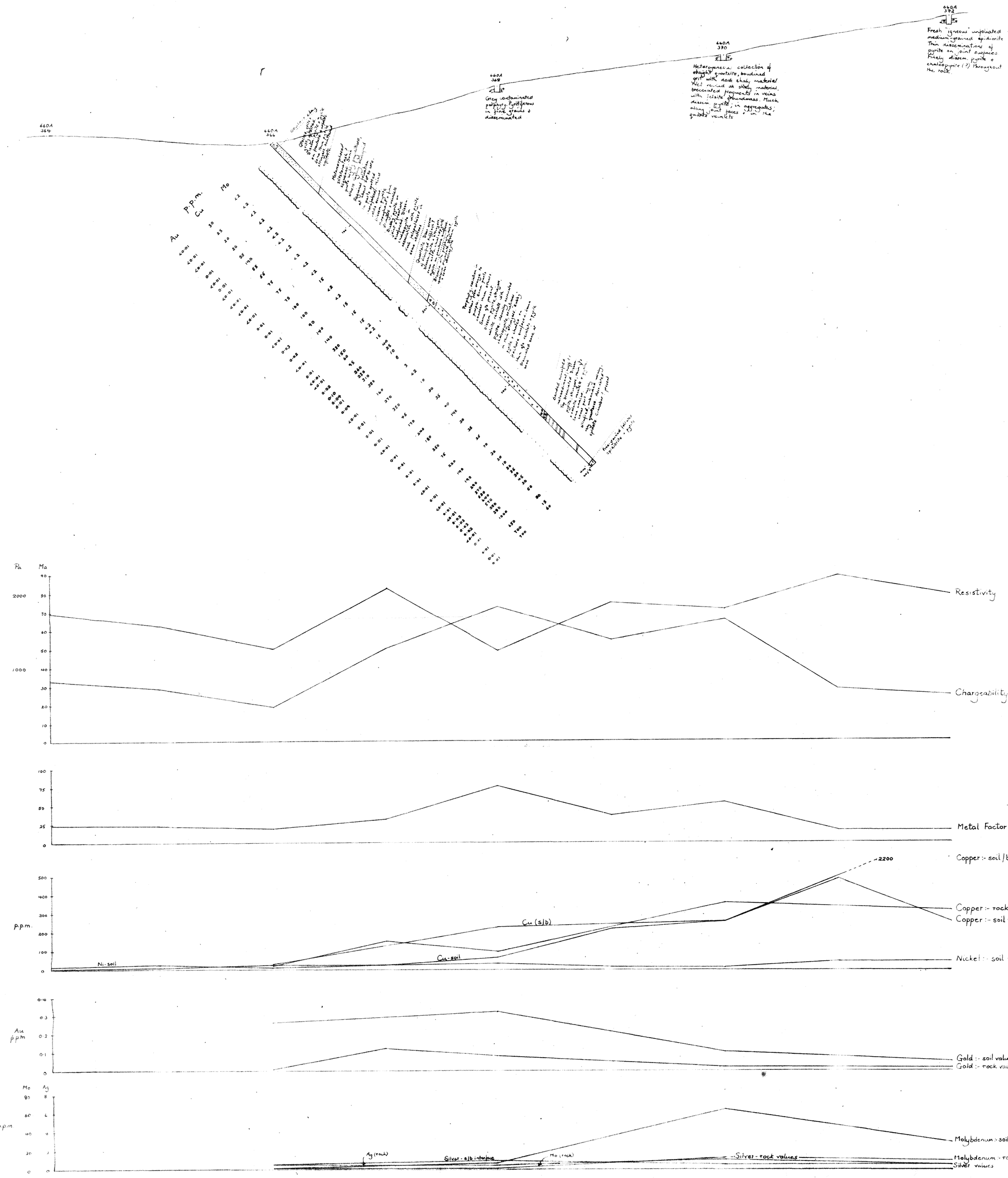




Consolidated Gold Fields Ltd.
EXPLORATION

Project:	LOCH FYNE
Area:	GARBH ACHADH
Title:	DIAMOND DRILL HOLE G.A.1 Geological section; analytical results; geophysical and geochemical profiles.

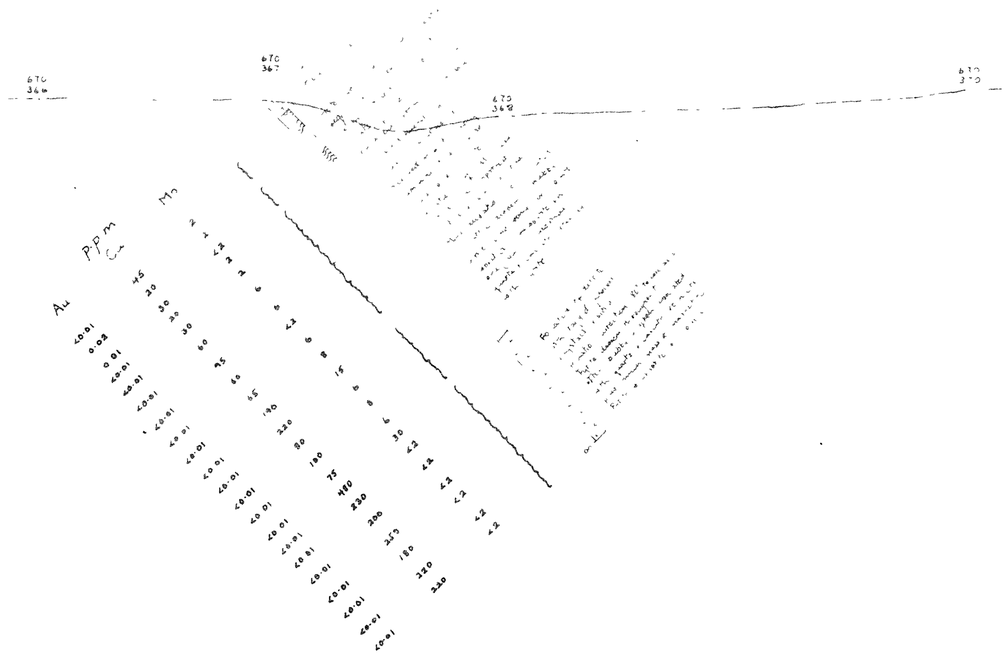
Drawing No.	O.S. Map No. ----	
FIG. 12.	Scale: 1/500 feet	Prepared by: A.W.
	Date:	Drawn by: S.J.K.
	Revisions:	

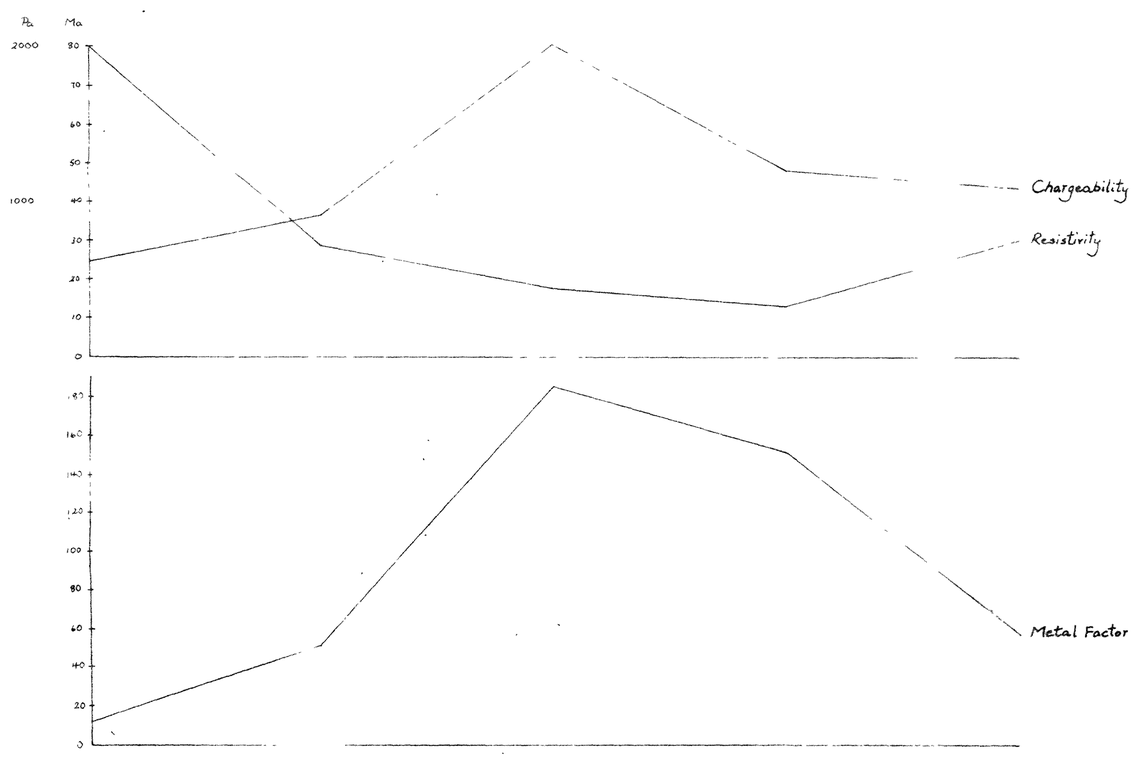


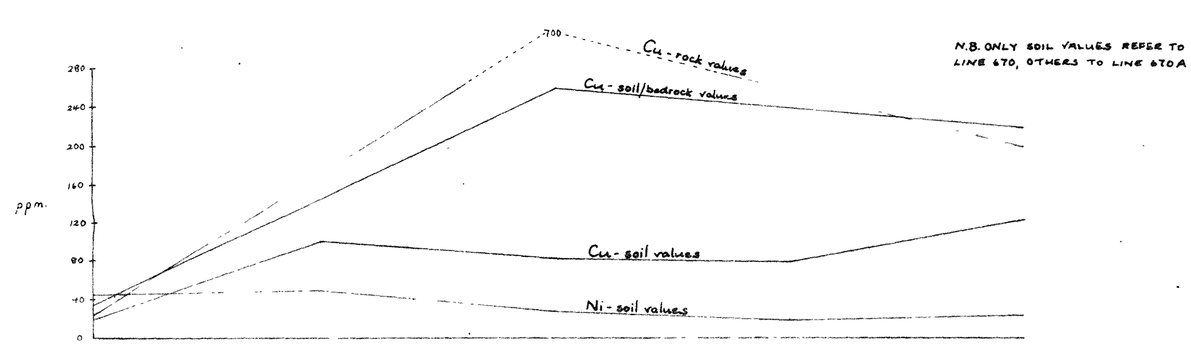
Consolidated Gold Fields Ltd.
EXPLORATION

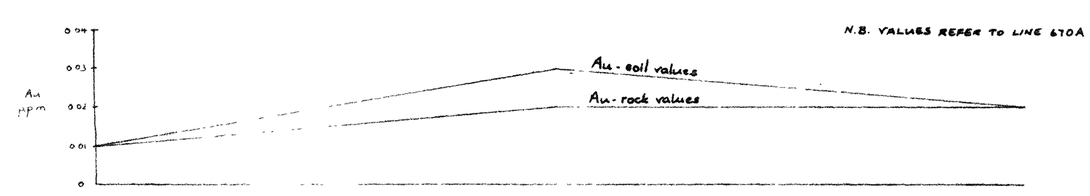
Project:	LOCH FYNE
Area:	GARBH ACHADH
Title:	DIAMOND DRILL HOLE G.A.2 Geological section; analytical results; geophysical and geochemical profiles

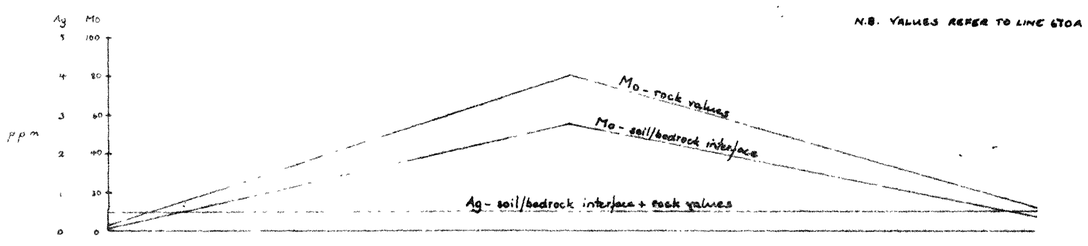
Drawing No.	O.S Map No.		
FIG. 13.	Scale: 1/500 feet	Prepared by	A.W.
	Date:	Drawn by	S.J.K.
	Revisions		





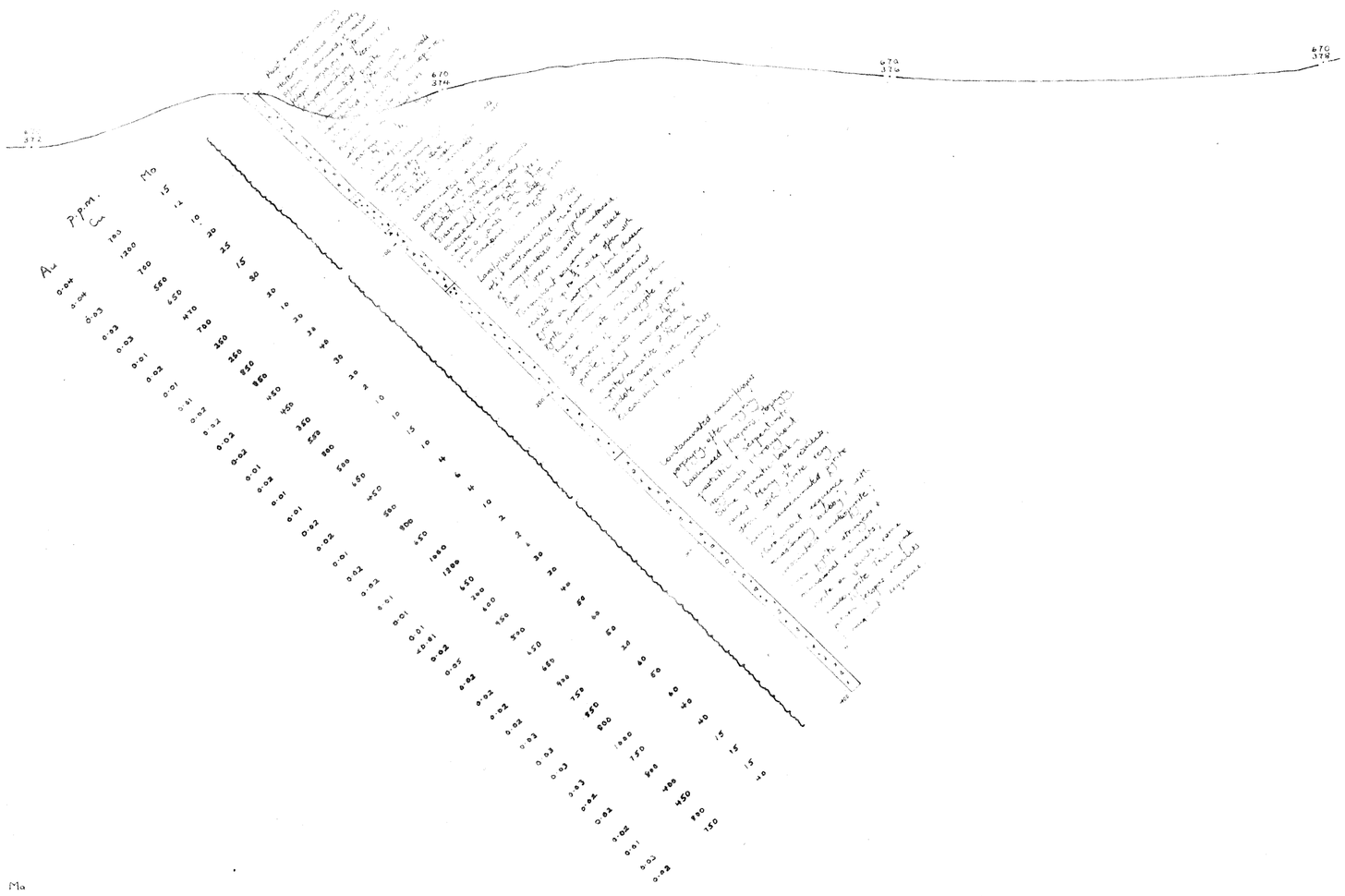


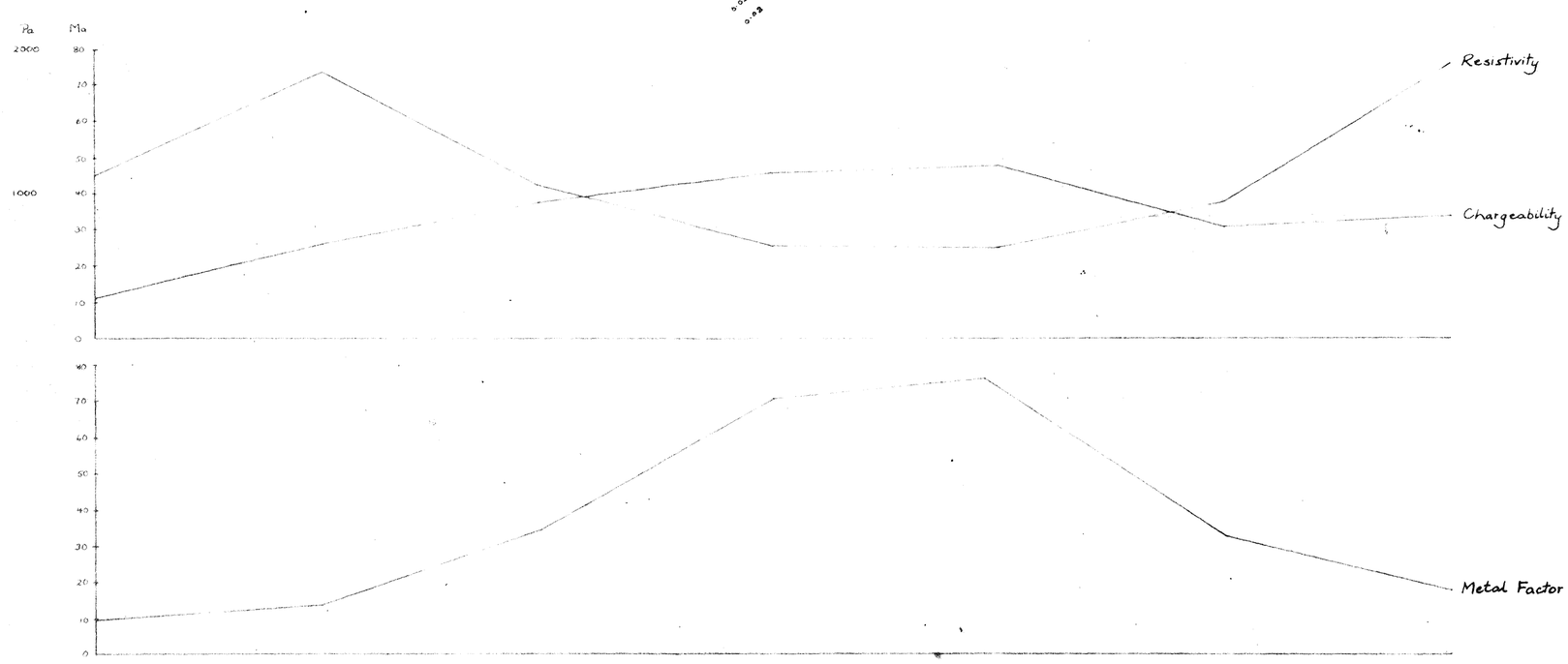


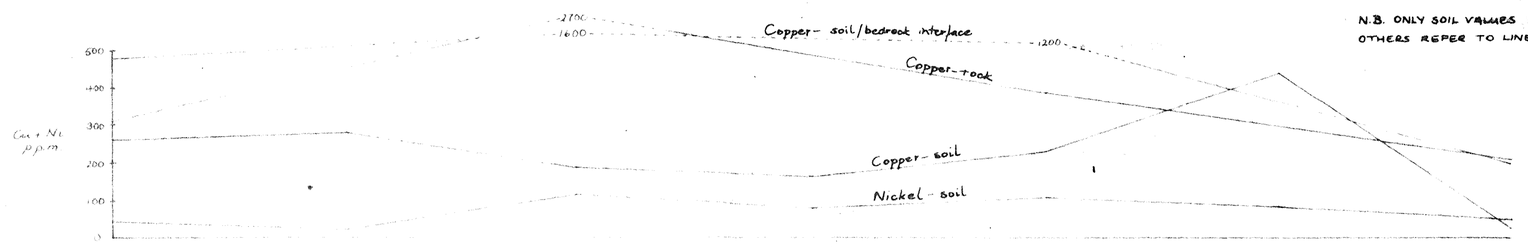


Consolidated Gold Fields Ltd.
EXPLORATION

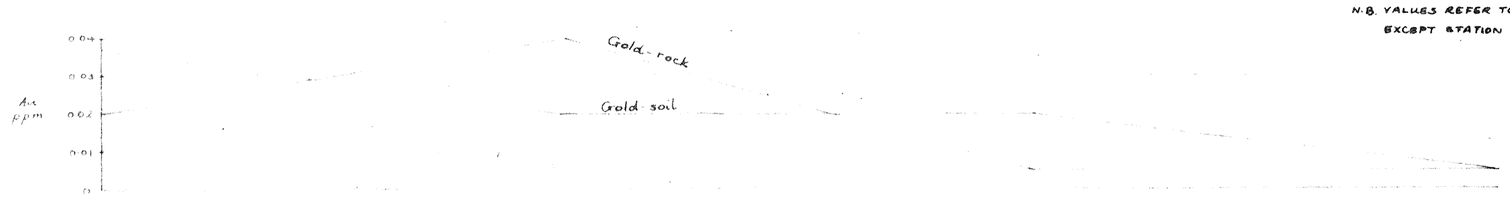
Project:	LOCH FYNE
Area:	GARBH ACHADH
Title:	DIAMOND DRILL HOLE G.A.3 Geological section; analytical results; geophysical and geochemical profiles.
Drawing No.	FIG. 111
O.S. Map No.	
Scale:	1/500 feet
Prepared by:	A.W.
Date:	
Drawn by:	S.J.K.
Revisions:	



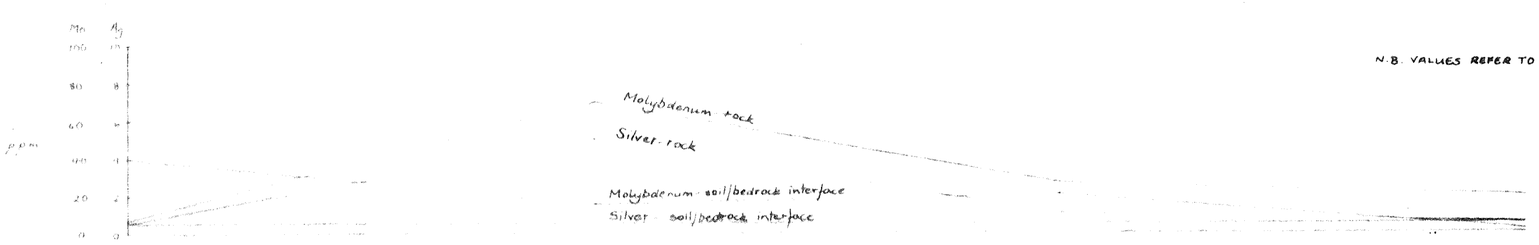




N.B. ONLY SOIL VALUES REFER TO LINE 670, OTHERS REFER TO LINE 670A.



N.B. VALUES REFER TO LINE 670A EXCEPT STATION 670/372 (SOIL VALUE)



N.B. VALUES REFER TO LINE 670A

Consolidated Gold Fields Ltd.
EXPLORATION

Project:	LOCH FYNE
Area:	GARBH ACHADH
Title:	DIAMOND DRILL HOLE G.A.4 Geological section; analytical results; geophysical and geochemical profiles.

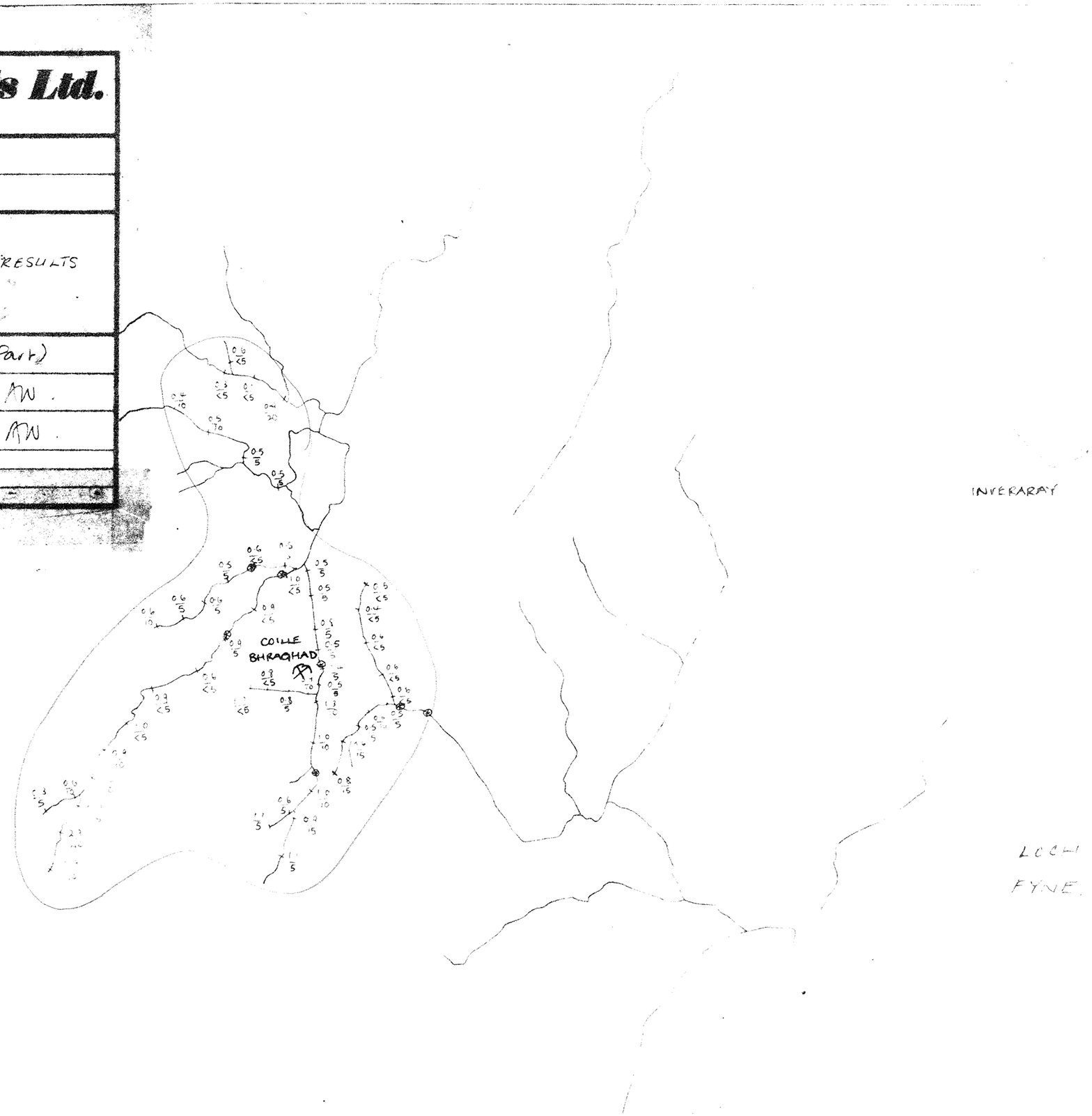
Drawing No.	O.S. Map No.		
	Scale: 1/500 feet	Prepared by:	A.W.
FIG 15.	Date:	Drawn by:	S.J.K.
	Revisions:		

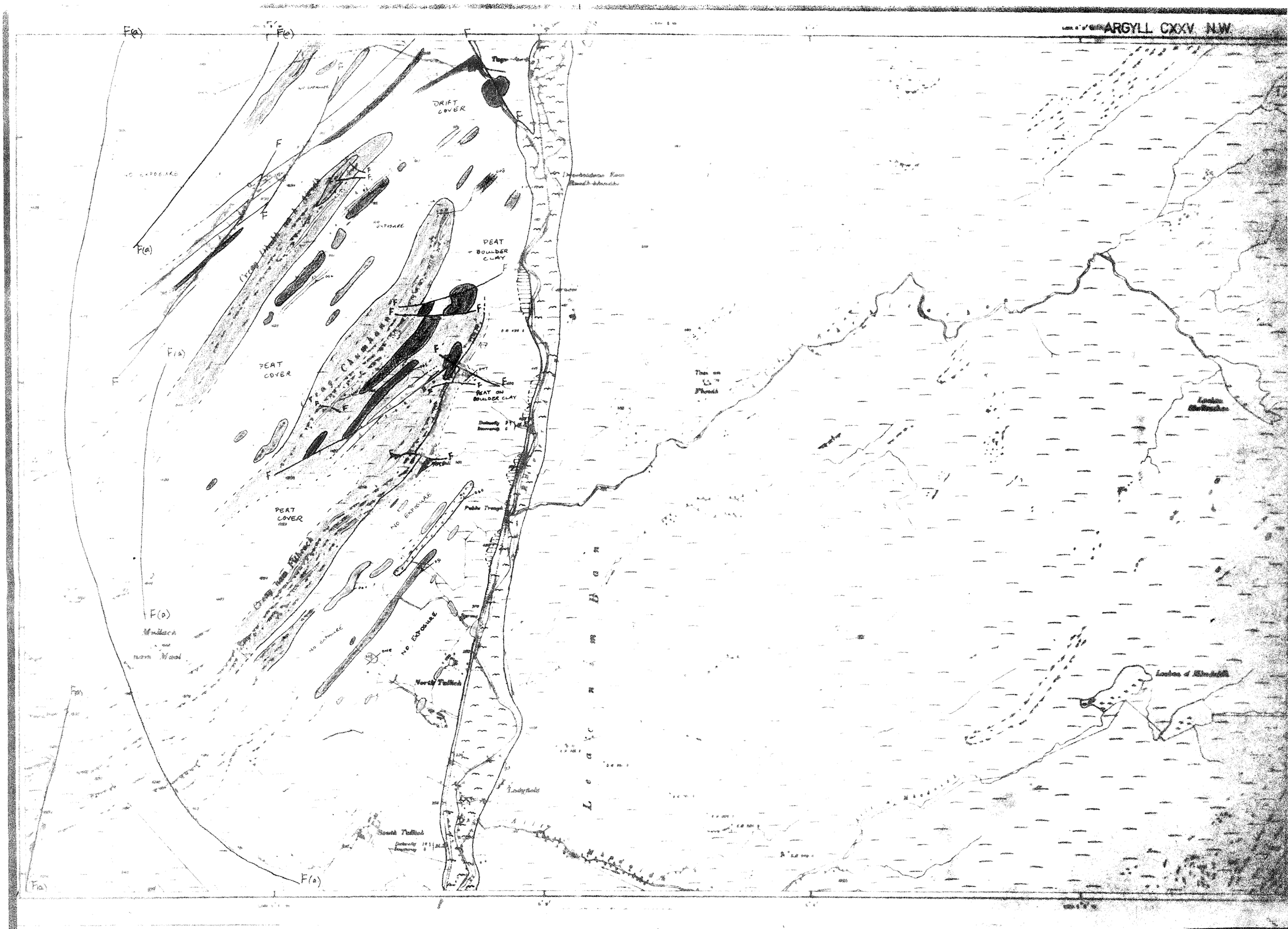
Consolidated Gold Fields Ltd.

EXPLORATION

Project:	LOCH FYNE
Area:	COILLE BHRAGHAD.
Title:	STREAM SEDIMENT SAMPLING SILVER & ARSENIC ANALYTICAL RESULTS $\frac{0.9}{10}$ ppm Silver ppm Arsenic

Drawing No.	**O.S. Map No.** CXXXIII NW and SW. (Part)	
FIG. 18	**Scale:** 1 : 10,560	**Prepared by:** AW.
	Date:	**Drawn by:** AW.
	Revisions:	





Consolidated Gold Fields Ltd.

EXPLORATION

Project:	LOCH FYNE
Area:	GLEN ARAY
Title:	GEOLOGY
Drawing No.	Fig. 2.
O.S. Map No.	CXXV N.W.
Scale:	6" to 1 mile
Prepared by:	S.J.K.
Date:	
Drawn by:	S.J.K.
Revisions:	

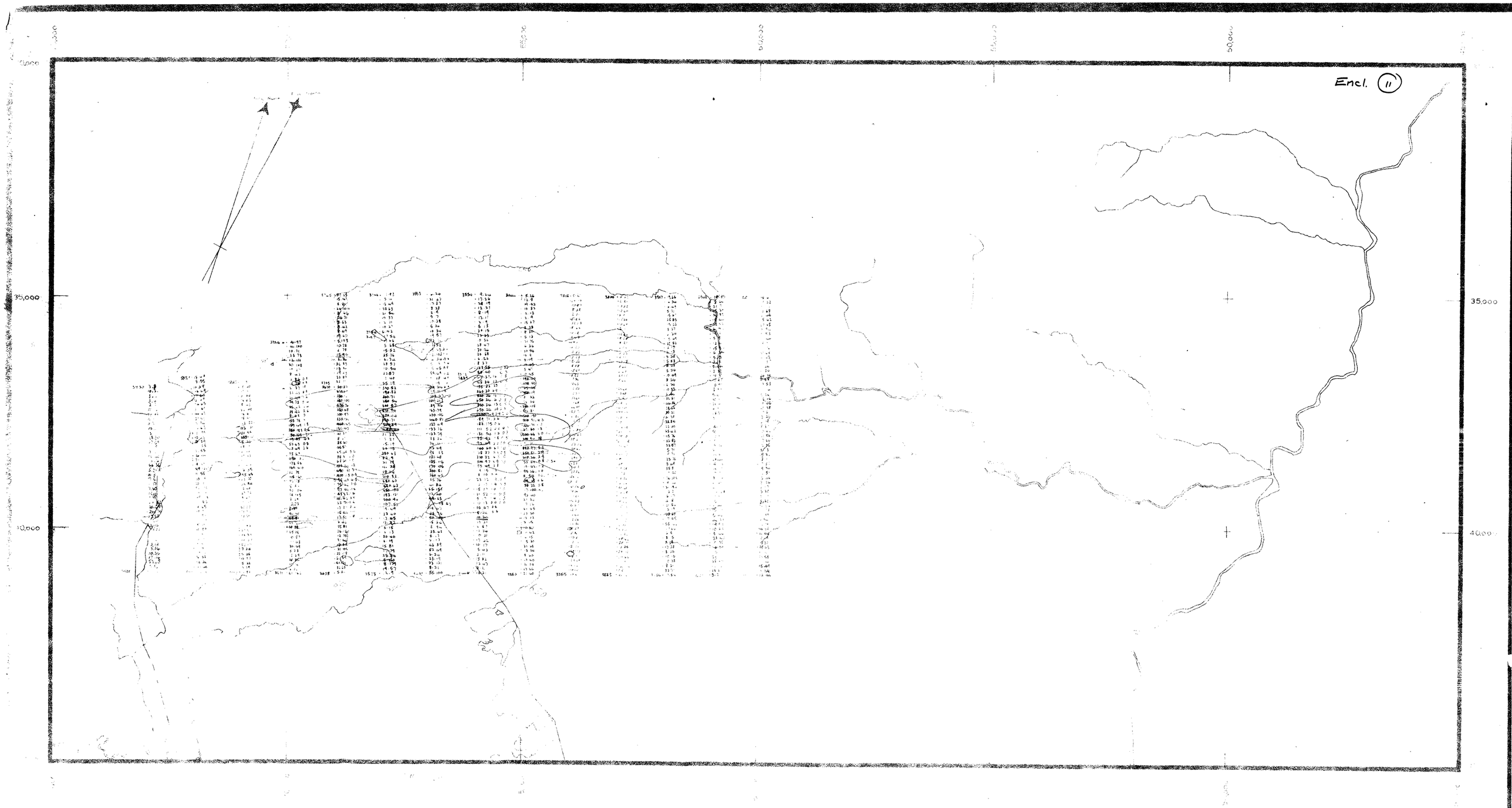
KEY

- Foliated epidiorite including "lavaform" types (i.e. resembling tuffs)
- Highly foliated fine-grained epidiorite. Some local disseminated pyrrhotite
- Coarse-grained "igneous-looking" epidiorite (unfoliated)
- Slightly foliated; medium-grained "igneous" epidiorite
- Foliated, medium-grained, "igneous" epidiorite
- Conglomerate
- Highly foliated impure black limestone
- Black slates, foliated grits + gritty quartzites (undifferentiated)
- Grey, foliated + laminated metasediment; occasional qtzite + gritty qtzite. Local pyrrhotite
- Grey-green, chloritised, fine-grained schistose metasediment.
- alluvium
- PEAT — Drift cover
- : visible boulder-clay
- F(a)——F(a) :- Faults inferred from aerial photos
- F——F :- Visible faults
- : visible contacts or inferred from break of slopes, vegetation etc. (N.B. in drift covered areas represent outcrop only)
- ----- Inferred continuation of outcrop (where possible)
- 40 — 052 Dip + strike of imposed foliation

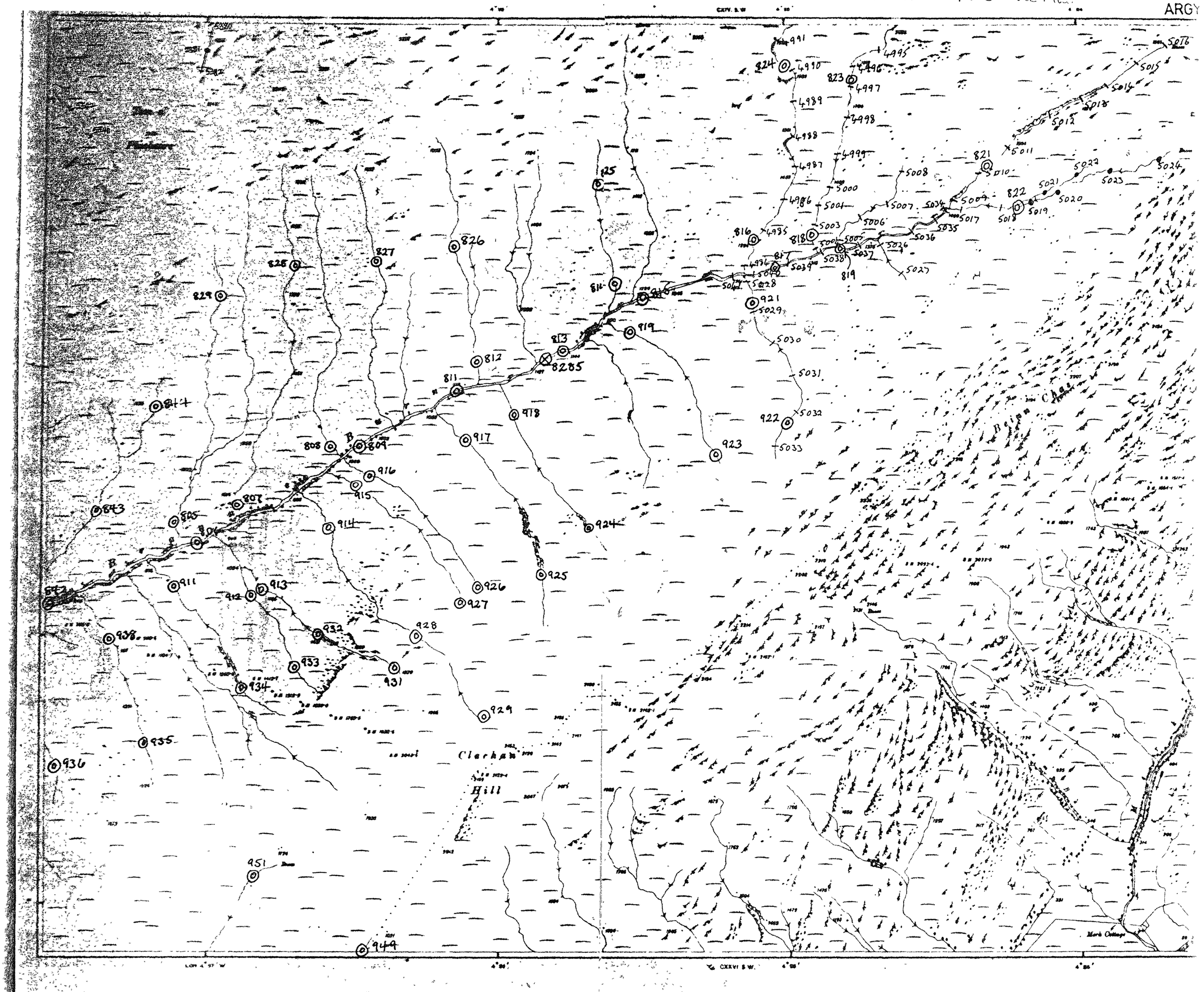
Mull
Acharacle
Drochaidean Eoin
Carnoch
Craig Dhubh
Craig Cauldron
Craig nan Fiheach
Mullach
Meol
Lochan
Lochan a' Mhadaidh
Consolidated Gold Fields
EXPLORATION
LOCH FYNE
GLEN ARAY
EDGE OF STREAMS SOIL VALUES

Consolidated Gold Fields Ltd.
EXPLORATION

Project	LOCH FYNE
Area	LOCH FYNE
Title	PRELIMINARY FOLLOW-UP PFU DRAINAGE SAMPLING TOTAL CU ER ---- Estate boundaries —— PFU areas over trace stream sed sampling anomalous results - - - Extended PFU grid Orientation study PFU stream sampling
Drawing No	Map No 3 52 & 53
Scale	MILE Compiled by
Date	Drawn by



Consolidated Gold Fields Ltd.
EXPLORATION

Project:	[illegible] MINE
Area:	LAKE ACHADA
Title:	SOIL SAMPLING VALUES
	[illegible]
Drawing No.	O.S. Map No. [illegible]
Fig. 11	Scale: 1:10,560 — Prepared by: [illegible]
	Date: — Drawn by: [illegible]
	Revisions:

Enl (31) BRANNIE BURN. Sample No Loc Plan