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BILLITON AUSTRALIA

THE METALS DIVISION OF
THE SHELL COMPANY OF AUSTRALIA LIMITED

EL 12/78 SCAMANDER

PROGRESS REPORT ON EXPLORATION FOR THE PERIOD
15/9/84 TO 15/9/85

AUTHOR: A. WHITAKER
DATE: AUGUST 1985

REPORT NO: 08.2956

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SUMMARY

Ridge and Spur sampling with Flagstaff area gave rise to one area, Argus Grid, which was of sufficient interest to soil sample and drill. The single percussion hole PDH-AG1 however, only intersected weak mineralisation (to 656 ppm over 4m). Sn?

Soil sampling at Pyramid South grid failed to locate tin anomalies of sufficient size and intensity to warrant further work.

Bulk sampling at Great Pyramid confirmed estimates of grade previously made from channel sampling. The geological ore reserve estimate indicating 3.2 mt at 0.22% Sn therefore remains the same and is not considered economic.

Exploration in progress is aimed at assessing aeromagnetic anomalies, as a second significant style of tin mineralisation - associated with magnetite pyrrhotite and chlorite, was intersected beneath the main Great Pyramid mineralisation.

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1.0 PROPERTY

Exploration Licence 12/78, Scamander, of 125 Sq Km, is located between Scamander and St. Helens on the N.E. coast of Tasmania (Fig. 1). The tenement is managed by The Shell Company of Australia Limited under the terms of a Joint Venture with B.H.P.

The licence was reduced from 273 sq km and renewed for twelve months from 15/9/84.

2.0 OBJECTIVES

The licence area covers a variety of sediment hosted Sn, W and base metal prospects, the most significant defined to date being Great Pyramid Prospect. At Great Pyramid, cassiterite occurs in sub-parallel veins hosted by quartzites and later stage cassiterite - magnetite - chlorite veining which locally cross-cuts the sub-parallel mineralisation.

These two styles of mineralisation are the target types sought within the tenement.

3.0 REGIONAL GEOLOGY

Silurian - Devonian

The oldest rocks in the tenement are those of the Mathinna Beds. They consist of siltstones, silty sandstones and sandstones which are believed to be turbidite deposits. The Mathinna Beds are folded with general 2-4 km wavelength NW-SE fold axes, and gentle SE plunges. Locally, tight folding is superimposed on the above.

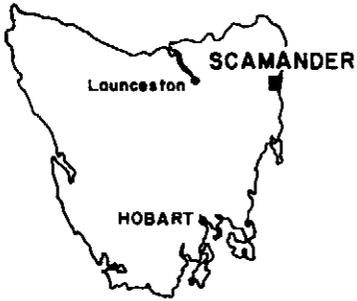
Devonian

During the Devonian, the Mathinna Beds were intruded by a number of granites which may be roughly separated into two types:

1. Early non tin bearing hornblende/biotite granodiorites-adamellites which include the Scamander Tier Dyke, Avenue River Dyke and the St. Helens Pluton; and
2. Tin bearing biotite adamellites - granites which include the Mt. Pierson Pluton and Echo and Loila Tier granites. The highly fractionated biotite - muscovite - tourmaline - fluorite bearing Wolfram Creek Granite is believed to be a specialised contact phase of the Mt. Pierson Pluton.

The Mt. Pierson Pluton is dominantly a coarse grained equigranular biotite (to 10%) granite with fine and porphyritic contact phases. The contact phases are often cut by narrow (to 0.5 m) quartz/greisen lodes which diminish with increasing distance from the contacts. The greisen lodes generally trend WNW-NW and are mineralised with W, Mo ± Sn.

TASMANIA



ST. HELENS

SILVER ECHO GRID

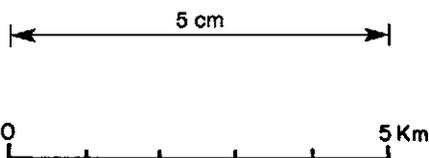
FLAGSTAFF RIDGE & SPUR

WOLFRAM CK. GRID

CRAMPS

SCAMANDER RIVER GRID

SCAMANDER



Billiton Australia <small>The World Division of The South African Corporation of Minerals Limited</small>			
Project		SCAMANDER E.L.12/78	
Title			
LOCATION MAP			
Author	Date	Scale	1 : 100 000
Drawn	Office	A.H.D.	Revised
Drawing No.	LH02/1027		Fig. No. 1

Tertiary - Recent

Since the beginning of the Tertiary there has been a complex history of erosion/deposition in the region of the licence. The Tertiary sediments are largely fluvial and marine, clays, sands and gravels. They are non tin bearing but were largely sourced by eroding Mathinna Beds.

Erosion during the Quaternary saw the main unroofing of the tin bearing granites and the build-up of tin bearing alluvial deposits at Thureau's Lead Transit Flats and Constables Creek, in and to the north of the licence. Recent erosion has further distributed small deposits of alluvial tin.

4.0 WORK UNDERTAKEN DURING THE REPORT PERIOD

Summary

- Flagstaff Ridge & Spur: soil sampling, ground magnetics
- Argus Grid: soil sampling, drilling
- Pyramid South Grid: soil sampling
- Silver Echo: soil sampling, ground magnetics
- Wolfram Creek Grid: soil sampling, ground magnetics
- Scamander River Grid: ground magnetics
- Cramps Grid: ground magnetics (3 lines only)
- Great Pyramid Prospect: bulk sampling

Discussion

4.1 Flagstaff Ridge and Spur

The Flagstaff area was highlighted by stream sediment sampling in 1983/1984. The -10# stream samples commonly assayed 40-500 ppm Sn (with a peak value of 2050 ppm Sn) for a 6 km x 2 km area between Flagstaff Creek and Loila Tier. Some 18 km of ridge and spur sampling was carried out (located on Fig. 2) which gave rise to patchy values of Sn, generally in the range of 10 - 75 ppm Sn, but with isolated values to 770 ppm Sn (Fig. 3). The other elements also gave patchy results (Zn 2-120 ppm, Pb 4-1650 ppm, Cu 2-85 ppm, WO_3 10-110 ppm and As 3-670 ppm) with little correlation between the high values (Figs. 4,5,6,7,8).

Ground magnetics was also completed over the ridge and spur grid. A few weak anomalies were located with greater than 20% above background (Figure 9) of which only one (3500N - 4500N on the ridge baseline) was associated with weak tin anomalies (10-95 ppm Sn).

008

4.2 Argus Grid

The Argus Grid was established over some of the better tin in soil anomalies arising from the Flagstaff Ridge & Spur sampling (located on Fig. 2). Sampling (-10#; line spacing 200m; sample interval 50m; grid area 1 x 1.4 km) gave rise to an anomalous area of 300m x 150m at +20 ppm Sn with a maximum value of 770 ppm Sn (Fig. 10). The anomalous area corresponds with the eastern slope (poor outcrop) of a ridge composed largely of sandstone (geology Fig. 13). The other elements gave generally low results (Figures 10,11,12) with occasional spotty anomalies (WO₃ 10-60 ppm; As 6-190 ppm; Cu 3-55 ppm; Pb 4-350 ppm; Zn 9-150 ppm).

The target sought was a Great Pyramid Style sediment hosted vein system. A single percussion drillhole PDH-AG1 was drilled to 144m to test the anomaly. The hole was collared in sandstone (7921N-7381E) but intersected black shales from 122m to the end of the hole (Fig. 14). In view of the fact that no strong vein system was recognised, 4m intervals were assayed for Sn only. The best assay returned was for the interval 56-60m (4m) which assayed 656 ppm Sn (drill log is presented as Appendix 1).

4.3 Pyramid South Grid

A 0.5 km x 0.5 km grid (grid lines 50m apart; sample interval 50m; located on Fig. 2) was established as an extension of the Great Pyramid grid to cover an area which was costeamed by earlier explorers. Two anomalous areas to 290 ppm Sn and up to 250m x 100m were defined by the -10# soil sampling (Fig. 15). High values of As (to 120 ppm), Pb (to 520 ppm) and Zn (to 135 ppm) were also returned for samples with elevated tin values.

However, in view of the close proximity to Great Pyramid prospect, the anomalies are considered too small and of low value to overlie significant mineralisation.

4.4 Aeromagnetic Anomalies

Work has commenced on a number of aeromagnetic anomalies as drilling at Great Pyramid intersected 42 m at 0.25% Sn associated with magnetite - pyrrhotite - chlorite mineralisation, beneath the more typical quartz - cassiterite mineralisation.

The anomalies were selected after exclusion of those thought to be due to dykes, contact metamorphic effects, and with the qualification that the anomalies should fall within or close to the 'tin zone' surrounding the granite. Five anomalies were chosen, Silver Echo, Wolfram Creek, Scamander River, Cramps and extensions to Flagstaff Ridge and Spur Grid in the region of 3500N - 4500N. The locations of the grids are presented on Figure 2.

All the grids have recently been covered with ground magnetics, however data has not yet been processed and interpreted. Soil sampling has been completed on Silver Echo grid, Flagstaff Ridge and Spur extensions and part of the Wolfram Creek grid, however, assays are not yet available.

SOURCE OF
SOIL ANOMALY

0 50m

Scale 1:1000

370ppm Sn

5 cm

(W) 281° magnetic

COLLAR -60°,101°

PEG 7900N 8400E
PROJECTED FROM 5m
SOUTH OF SECTION

(E) 101° magnetic

Drill Pad

BEDDING GENERALLY
55°-65° E DIP
STRIKE 0°-010°

To Main Creek
System

656 ppm Sn

46m APPROXIMATE
LEVEL OF OXIDATION
DOWN HOLE

SURVEY AT 70m
-60°,090°

LOWER PORTIONS OF HOLE
PROJECTED ONTO SECTION

SCAMANDER
EL 12/78

ARGUS GRID
PH AG1 DRILLHOLE

DOMINANTLY
SHALE

SURVEY
AT 144m
-66°,080°

CLINO SURVEY POINTS
GRID PEG

009

105010

FIG. 14

010

4.5 Great Pyramid Bulk/Channel Sampling

At Great Pyramid a geological ore reserve estimate completed by Shell indicates 3.2 mt @ 0.22% Sn with a further untested tonnage potential of 2.6 mt.

Cassiterite is contained in closely spaced, quartz-filled, NE trending fractures spacially related to a WNW trending fault zone.

Three mineralised blocks have been defined at North, South and Brocks Block, all near surface and amenable to open cut mining.

There are four controls on mineralisation:

1. An elliptical shape related to physiochemical conditions of the mineralising fluids.
2. A WNW trend, with North, South and Brocks Blocks parallel to a silicified ridge and the central fault zone.
3. NW trending, favourable host sandstones/quartzite beds which are readily fractured.
4. NE trending joint fractures.

In addition, another style of tin mineralisation occurs at depth. Here cassiterite is associated with mainly magnetite, pyrrhotite, sphalerite and traces of pyrite and chalcopyrite. The mineralisation cross cuts the "Great Pyramid" style quartz-cassiterite veins and resulted in the drill intercept of 42m of 0.25% Sn, below the main Pyramid deposit. Such mineralisation does not fall into the mineral reserve calculations.

In 1984, a programme of bulk sampling of the Great Pyramid mineralisation suggested that the 0.22% Sn calculated grade of the deposit may have been an underestimation. To test this, 12 samples, each weighing in excess of 0.5 tonnes, were collected from a number of sites throughout the deposit (Fig. 6 in the BHP JV report). Analytical data from these bulks was then compared to corresponding channel samples taken over the exact locations of the bulks. The aim of the exercise was to determine whether the smaller samples undervalued the tin content at that point and whether the grade of the deposit was therefore understated.

To avoid any nugget effects, the following sample preparation route was followed:

1. Crush in jaw crusher.
2. Jaw crusher discharge crush in roll crusher
3. Split roll crusher discharge on 10 way rotary splitter
4. Combine 2 x 10 way splits (100 kgs)
5. Re-split 10 ways
6. Take one x 10 kg split
7. Crush to -2mm
8. Re-split 10 ways
9. Assay for Sn in triplicate: 1 Mineral Deposits
1 Comlabs
1 Amdel

011

In addition, a second 100 kg split (step 4) was collected for three of the samples and prepared for analysis using the same procedure.

Analytical results are listed in Table 1. Clearly there is a general agreement between the data within, and between the various laboratories. For most analyses, Mineral Deposits returned the lowest and Amdel the highest results. Except for the BHP bulks, the channel samples are in general agreement with their respective bulks, although No's 2 & 3 are anomalously low when compared to the corresponding channels.

This data suggests that the smaller samples, each involving about 5 kgs of material, provide an accurate estimation of the tin grade in that area. As such, unless basic errors in initial sampling procedure occurred, it is unlikely that a broader bulk sampling programme would result in significant alterations to the calculated grade of the deposit.

TABLE 1

GREAT PYRAMID
BULK AND CHANNEL SAMPLE ASSAYS

TABLE 1

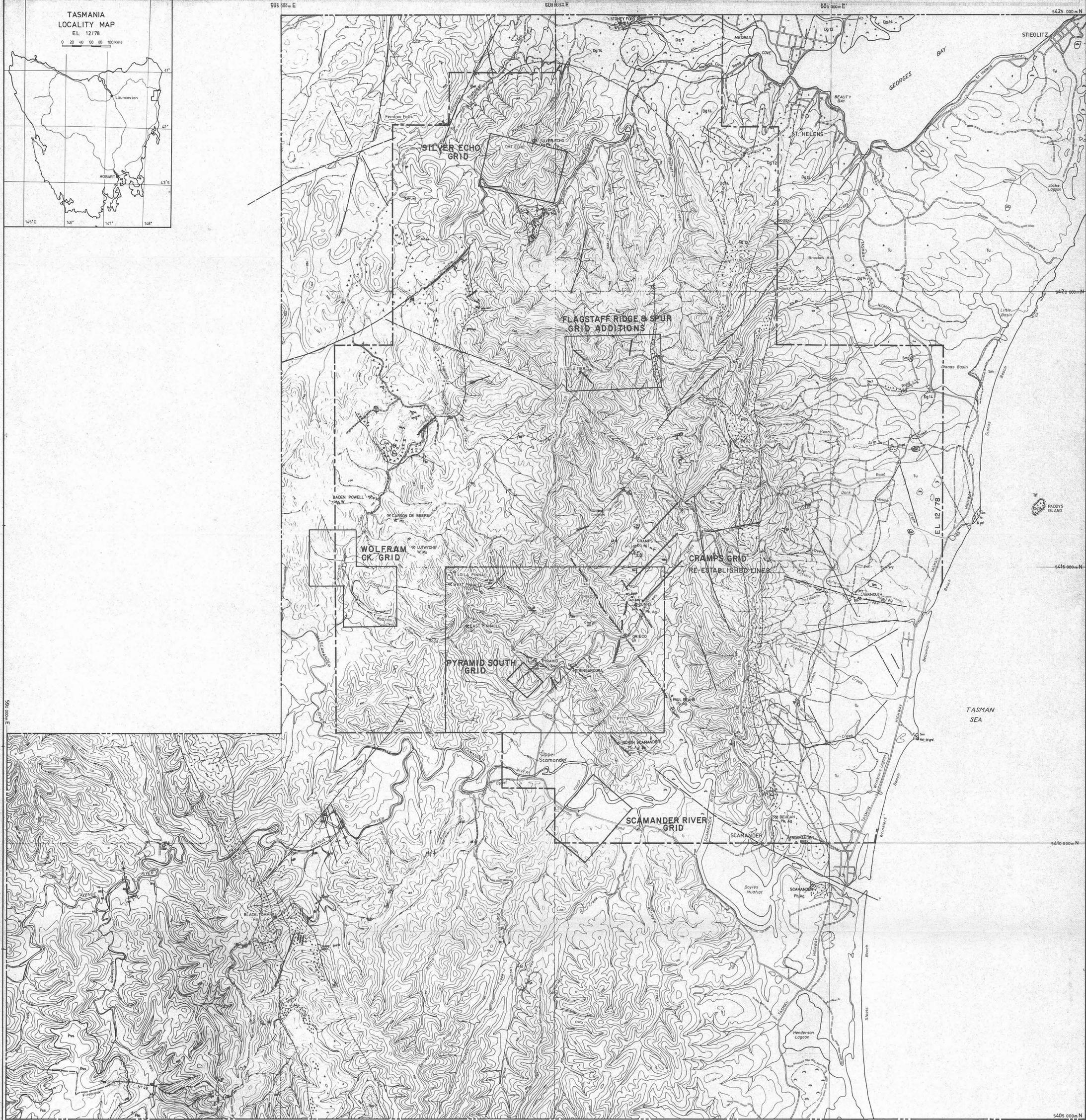
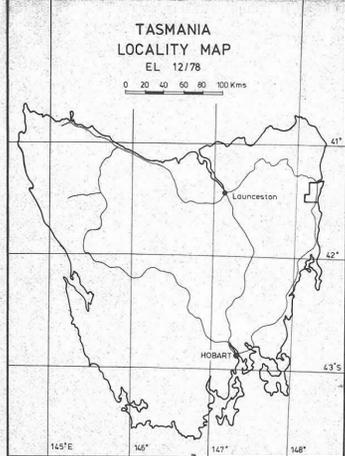
SAMPLE NUMBER	BHP BULK (%Sn)	COMLABS (%Sn)**				AMDEL (%Sn)**				MINDEPS (%Sn)*				CHANNEL (%Sn)	**
		1	2	3	Average	1	2	3	Average	1	2	3	Average		
1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.29	
2a	-	0.100	0.105	0.110	0.105	0.114	0.108	0.112	0.111	0.107	0.092	0.096	0.098	0.22	
2b	-	0.105	0.105	0.105	0.105	0.114	0.112	0.104	0.110	0.091	0.084	0.083	0.086	-	
3a	-	0.018	0.019	0.019	0.019	0.018	0.021	0.018	0.019	0.025	0.015	0.015	0.018	0.145	
3b	-	0.018	0.017	0.017	0.018	0.018	0.021	0.018	0.019	0.025	0.015	0.015	0.018	-	
4	-	0.185	0.205	0.200	0.197	0.198	0.220	0.204	0.207	0.212	0.182	0.192	0.197	0.13	
5	-	0.260	0.260	0.270	0.263	0.298	0.288	0.268	0.285	0.258	0.228	0.236	0.241	0.25	
6a	-	0.240	0.240	0.250	0.243	0.254	0.248	0.256	0.253	0.231	0.214	0.225	0.223	0.32	
6b	-	0.245	0.240	0.230	0.238	0.260	0.244	0.236	0.247	0.235	0.218	0.219	0.224	-	
7	0.65	-	-	-	-	-	-	-	-	-	-	-	-	0.37	
8	-	0.315	0.315	0.300	0.310	0.346	0.382	0.346	0.358	0.290	0.251	0.262	0.267	0.33	
9	-	0.240	0.250	0.240	0.243	0.242	0.262	0.258	0.254	0.257	0.207	0.224	0.229	0.30	
10	-	0.155	0.160	0.160	0.158	0.172	0.180	0.186	0.179	0.178	0.151	0.157	0.162	0.23	
11	-	0.360	0.360	0.410	0.377	0.388	0.360	0.354	0.367	0.315	0.298	0.306	0.306	0.28	
12	-	0.240	0.225	0.220	0.228	0.280	0.280	0.285	0.282	0.279	0.250	0.250	0.260	0.232	
13	-	0.260	0.275	0.260	0.265	0.266	0.268	0.288	0.274	0.243	0.224	0.227	0.231	0.335	
14	-	0.009	0.009	0.009	0.009	0.011	0.010	0.010	0.010	0.016	0.016	0.015	0.016	0.0115	

* analysis by atomic absorption spectrophotometry

** analysis by x-ray fluorescence

APPENDIX 41

PERCUSSION DRILL LOG
PDH AG1



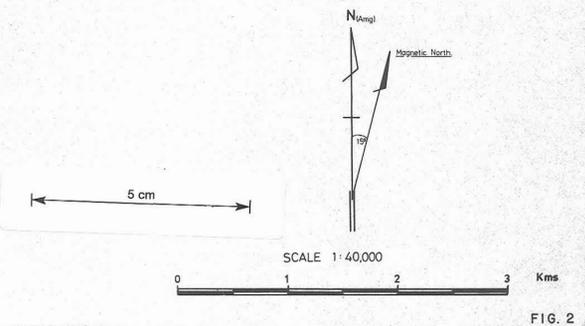
Revisions:
 105019
 EL12/78, SCAMANDER TAS.
 GEOLOGY
 FIG. 2

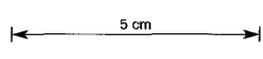
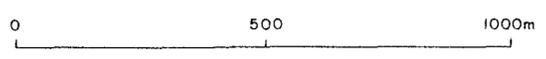
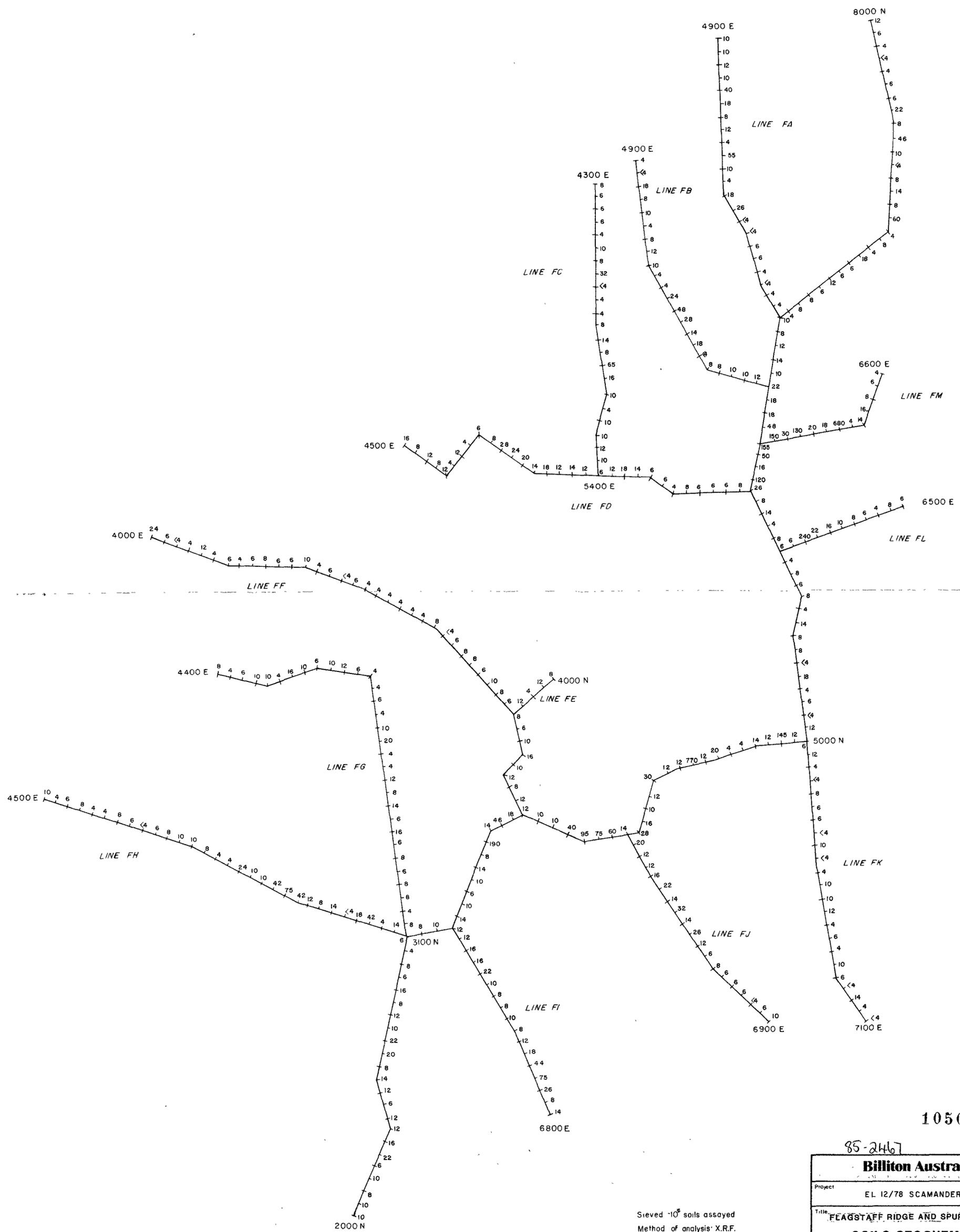
THE BROKEN HILL PROPRIETARY CO. LTD.
 EXPLORATION DEPARTMENT

105019

LEGEND

- Bedding, facing determined.
- Bedding, facing not determined.
- Lignament.
- Shear Zone.
- _{pr} Gossanous rocks, ironstones.
- ⊕ Hard rock mines prospects.
- ⊕ Quartz veins.
- ⊕ Aplita.
- ⊕ Quartz-feldspar, porphyry.
- Tu Tertiary - undiff. - sand, silt, gravel.
- Per Permian - sandstone, conglomerate.
- Sm Silurian - Lower Devonian, Mathinna Beds, quartzite, slate.
- Jurassic Rocks
- Jdl Jurassic - dolerite.
- Edc Upper Devonian (?) dolerite.
- *** Upper Devonian granitic rocks, subdivision in St. Helens area after Greves, Cocker and Jennings, 1977 (Geol. Survey Tas. Bull. 55).
- KKK Biotite-gneissic granite.
- GGG Biotite-microgranite.



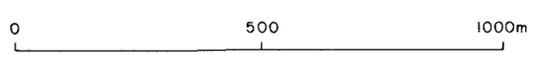
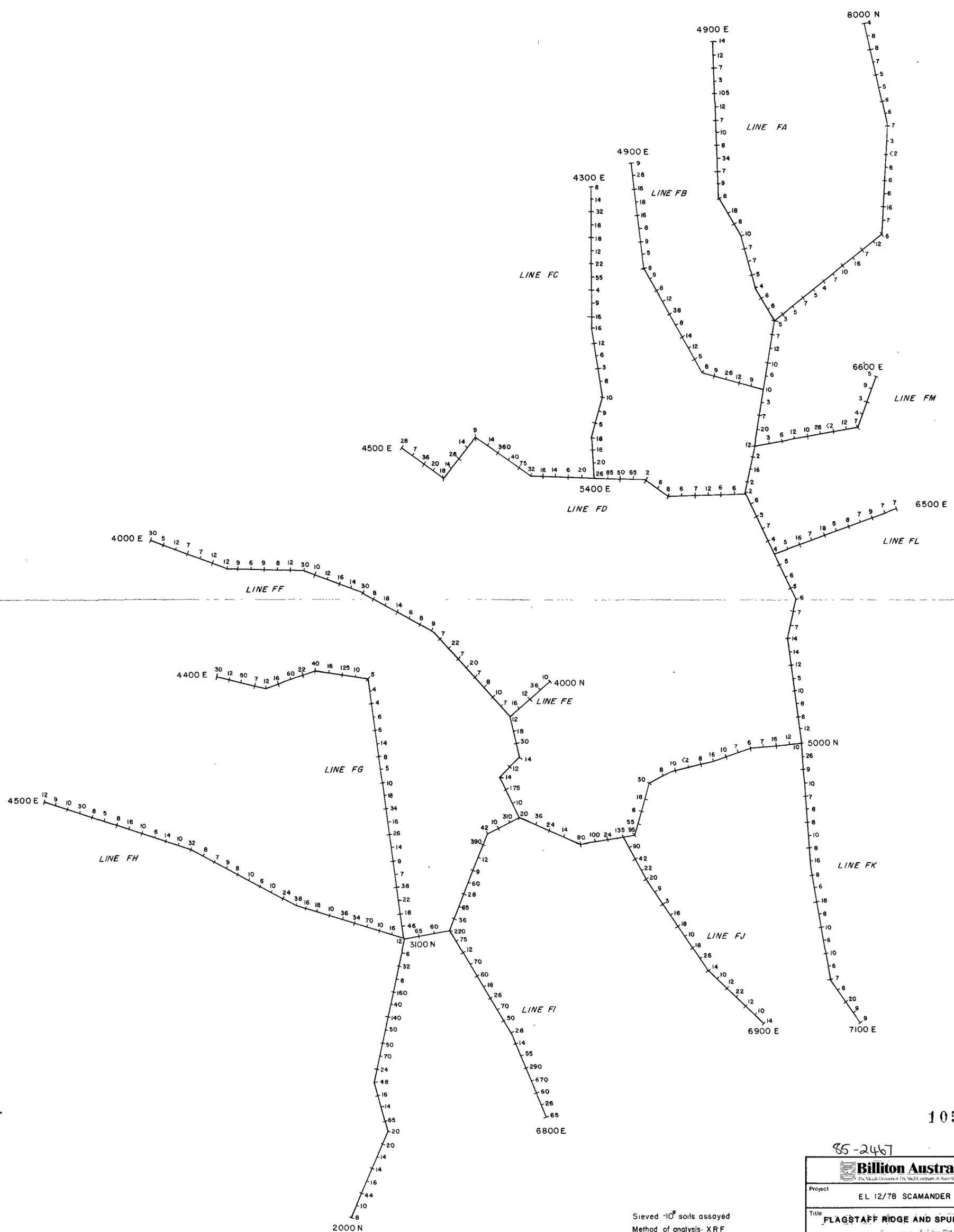


Sieved 10⁴ soils assayed
Method of analysis: X.R.F.

105020

85-2467

Billiton Australia			
Project EL 12/78 SCAMANDER			
Title FLAGSTAFF RIDGE AND SPUR GRID			
SOILS GEOCHEM.			
Sn			
Author A W	Date	Scale 1:10,000	
Drawn A M	Office	Revised	Date
Drawing No	LH02/1000		Fig No 3

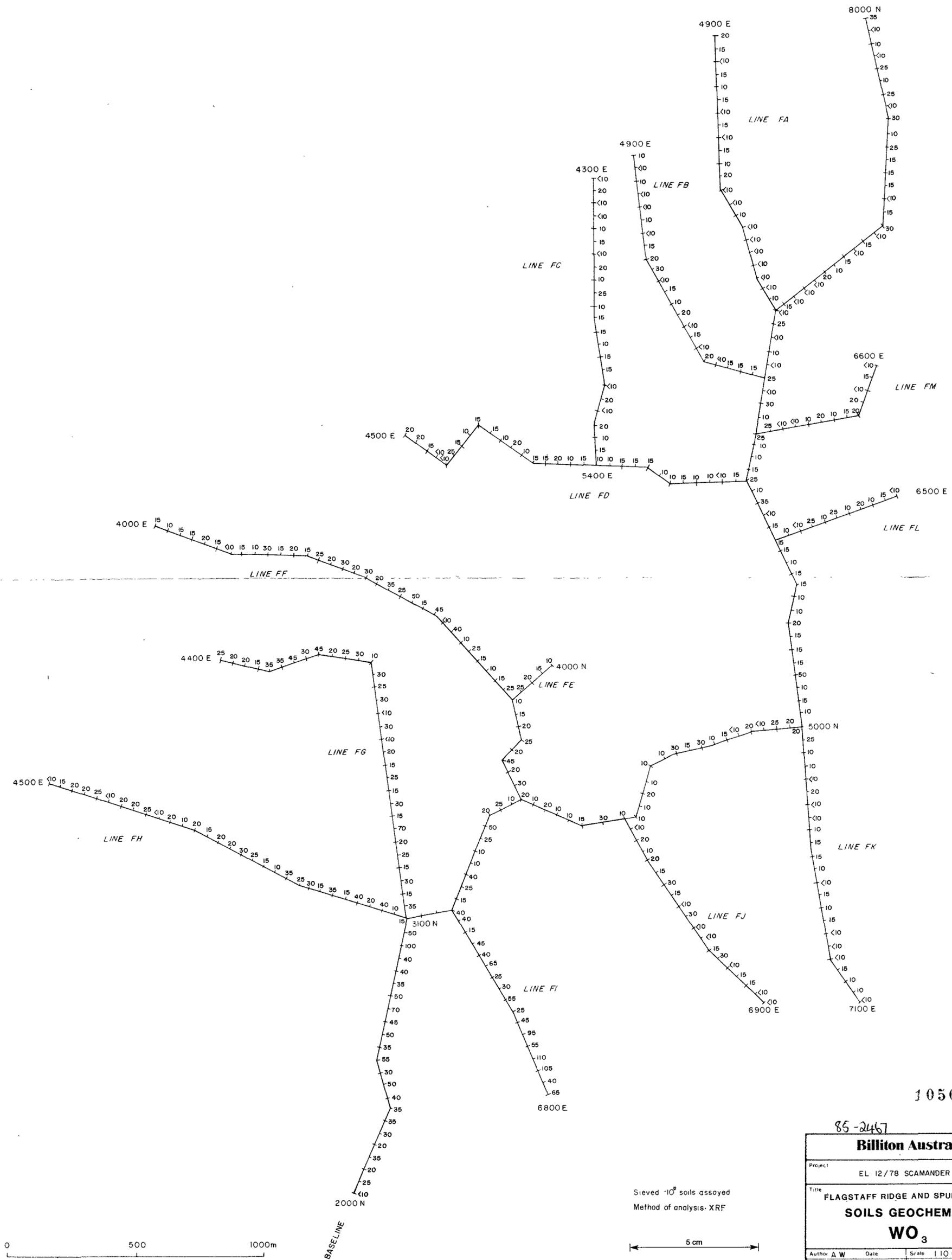


Sieved -10ϕ soils assayed
 Method of analysis - XRF

105021

85-2467

 The Metals Division of The BHP Company of Australia Limited			
Project EL 12/78 SCAMANDER			
Title FLAGSTAFF RIDGE AND SPUR GRID			
SOILS GEOCHEM. As			
Author A W	Date	Scale 1:10 000	
Drawn A M	Office	Revised	Date
Drawing No LHO2/1005			Fig No 4



105022

85-2467

Billiton Australia

Project EL 12/78 SCAMANDER

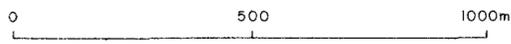
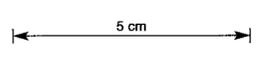
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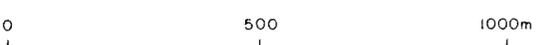
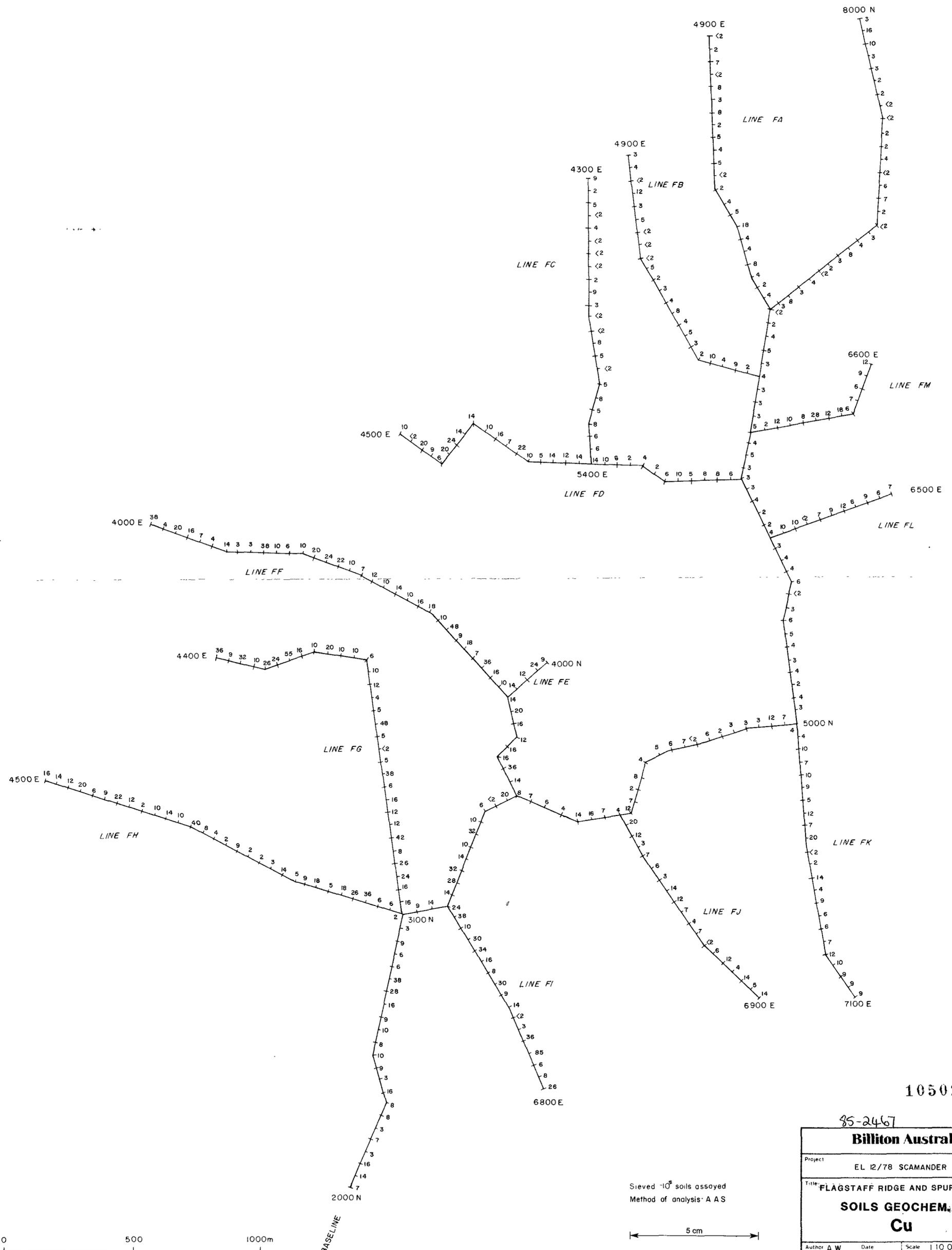
SOILS GEOCHEM.

WO₃

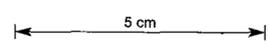
Author A W	Date	Scale 1:10 000
Drawn A M	Office	Revised
Drawing No LH02/1004	Date	Fig No 5

Sieved -10⁵ soils assayed
Method of analysis- XRF





Sieved 10^5 soils assayed
Method of analysis: AAS



105023

85-2467

Billiton Australia			
Project		EL 12/78 SCAMANDER	
Title: FLAGSTAFF RIDGE AND SPUR GRID			
SOILS GEOCHEM.			
Cu			
Author: A W	Date:	Scale: 1:10 000	
Drawn: A M	Office:	Revised:	Date:
Drawing No: LH02/1001			Fig No: 6



105024

85-2467

Billiton Australia

Project EL 12/78 SCAMANDER

Title **FLAGSTAFF RIDGE AND SPUR GRID
SOILS GEOCHEM.**

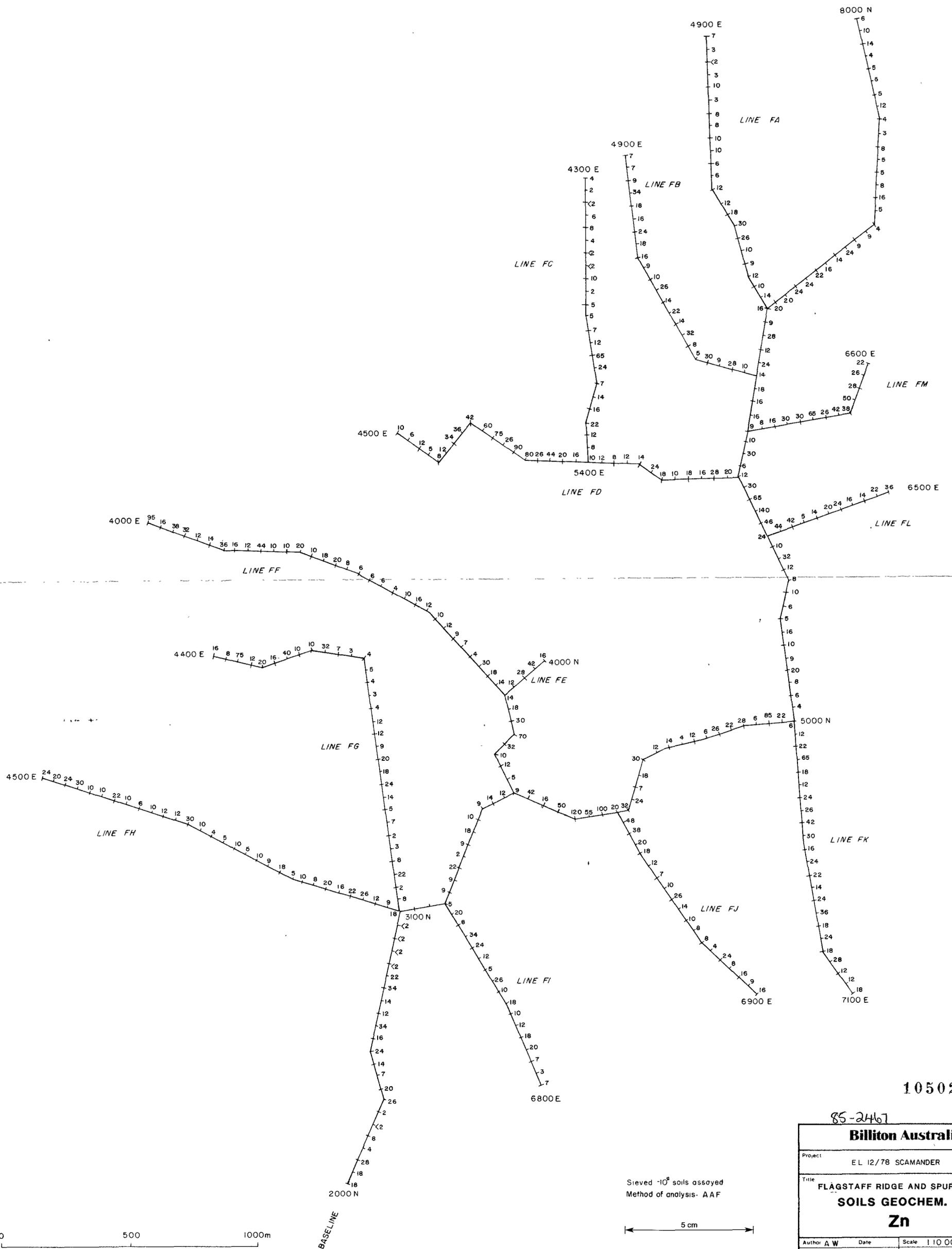
Pb

Author A.W.	Date	Scale 1:10 000
Drawn A.M.	Office	Revised
Drawing No. LH02/1002		Fig No. 7

Sieved 10^4 soils assayed
Method of analysis: A.A.F.

5 cm

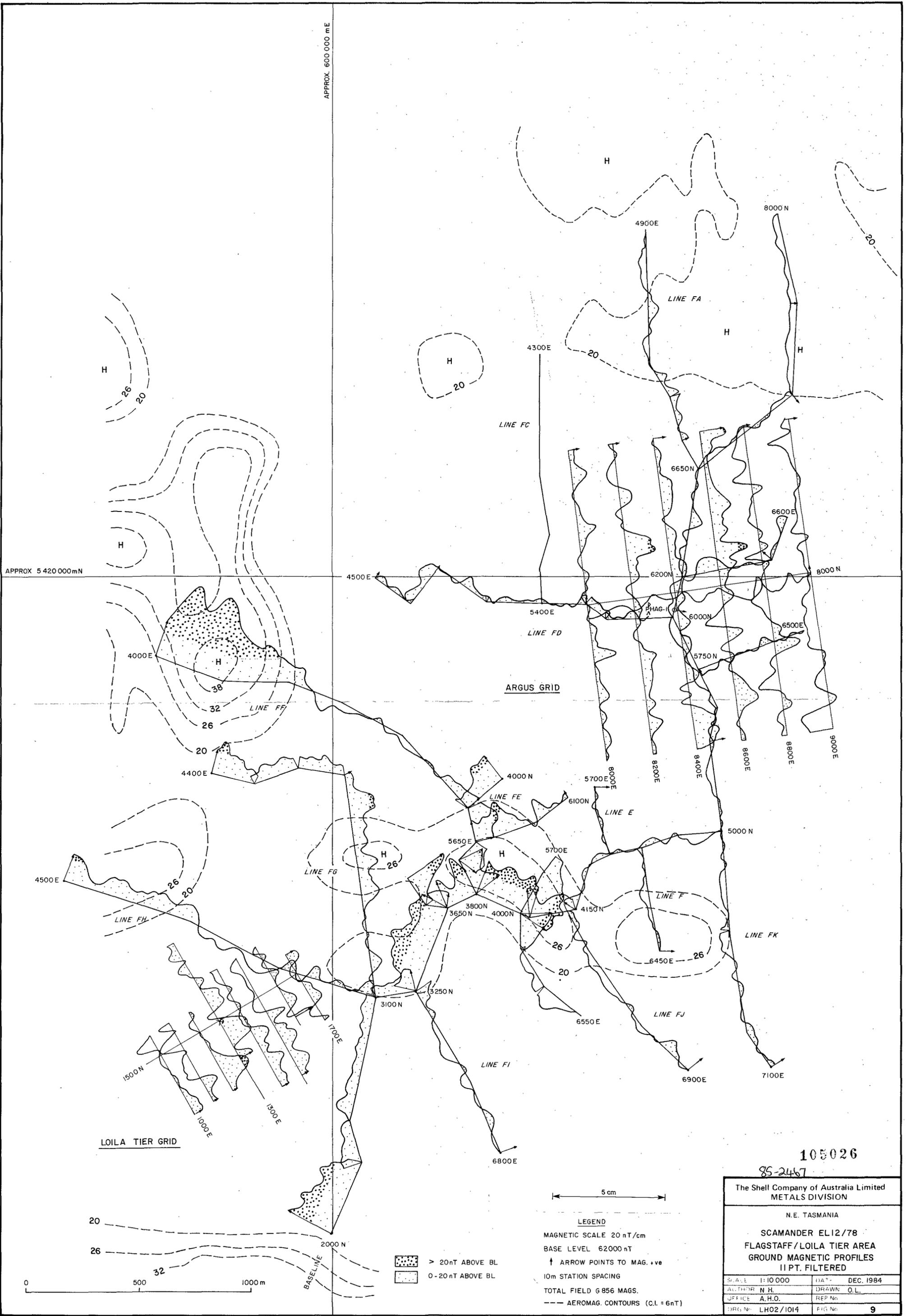
0 500 1000m



105025

85-2467

Billiton Australia			
Project EL 12/78 SCAMANDER			
Title FLAGSTAFF RIDGE AND SPUR GRID SOILS GEOCHEM. Zn			
Author A W	Date	Scale 1:10 000	
Drawn A M	Office	Revised	Date
Drawing No LH02/1003			Fig No 8



APPROX. 600 000 mE

APPROX 5 420 000 mN

ARGUS GRID

LOILA TIER GRID

-  > 20nT ABOVE BL
-  0-20nT ABOVE BL

5 cm

LEGEND

- MAGNETIC SCALE 20 nT/cm
- BASE LEVEL 62000 nT
- ↑ ARROW POINTS TO MAG. +ve
- 10m STATION SPACING
- TOTAL FIELD G 856 MAGS.
- AEROMAG. CONTOURS (Cl. = 6nT)

105026

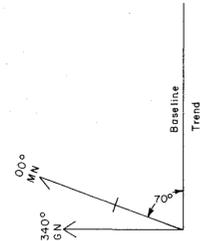
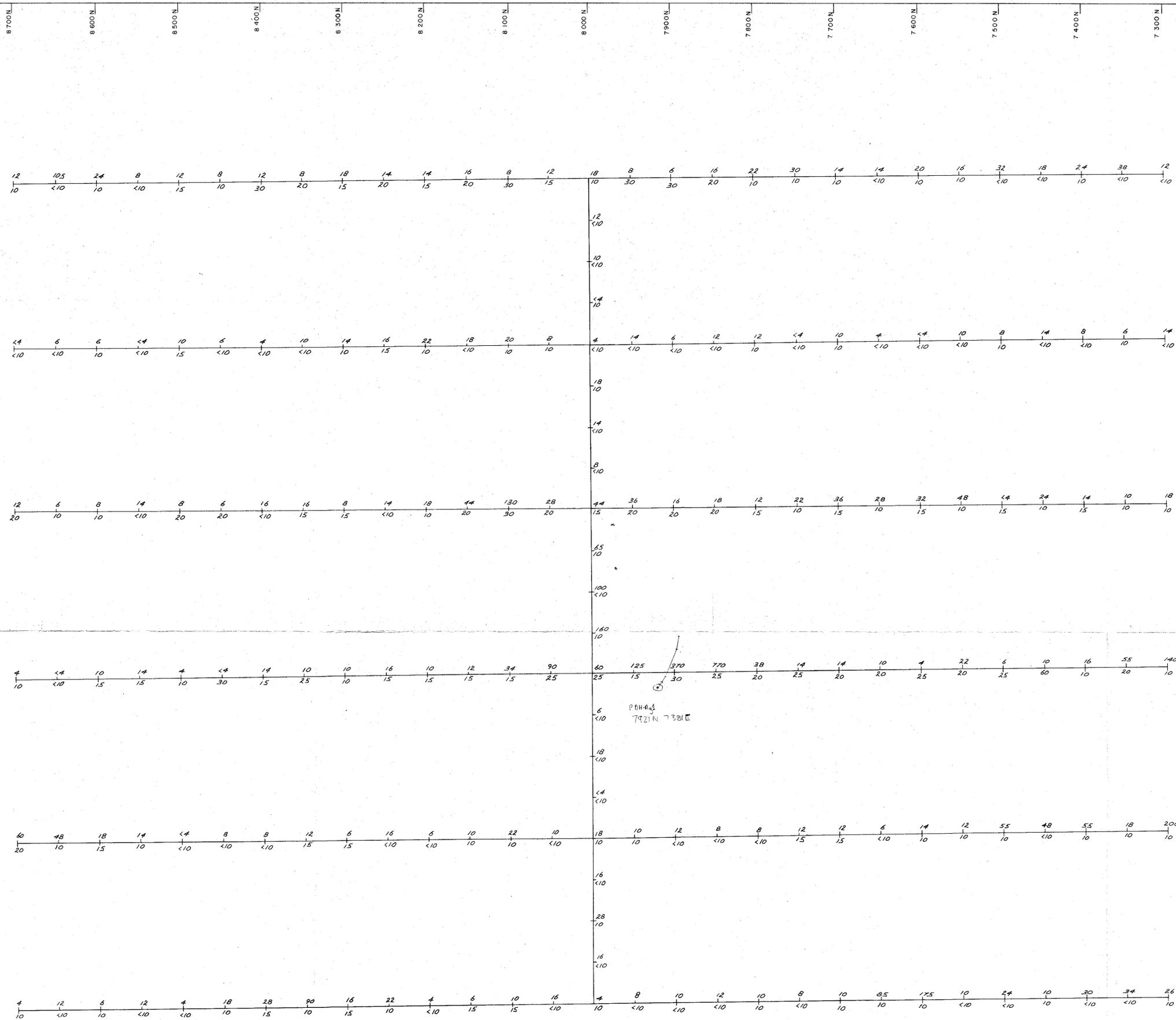
85-2467

The Shell Company of Australia Limited
METALS DIVISION

N.E. TASMANIA

SCAMANDER EL12/78
FLAGSTAFF/LOILA TIER AREA
GROUND MAGNETIC PROFILES
11 PT. FILTERED

SCALE	1:10 000	DATE	DEC. 1984
AUTHOR	N.H.	DRAWN	O.L.
OFFICE	A.H.O.	REP No.	
DRG No.	LH02/1014	FIG No.	9



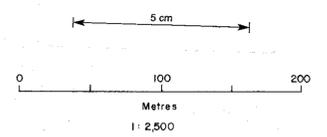
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85-2467

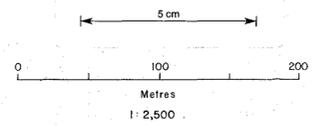
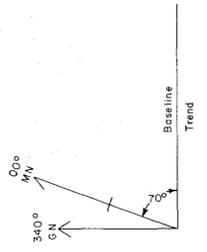
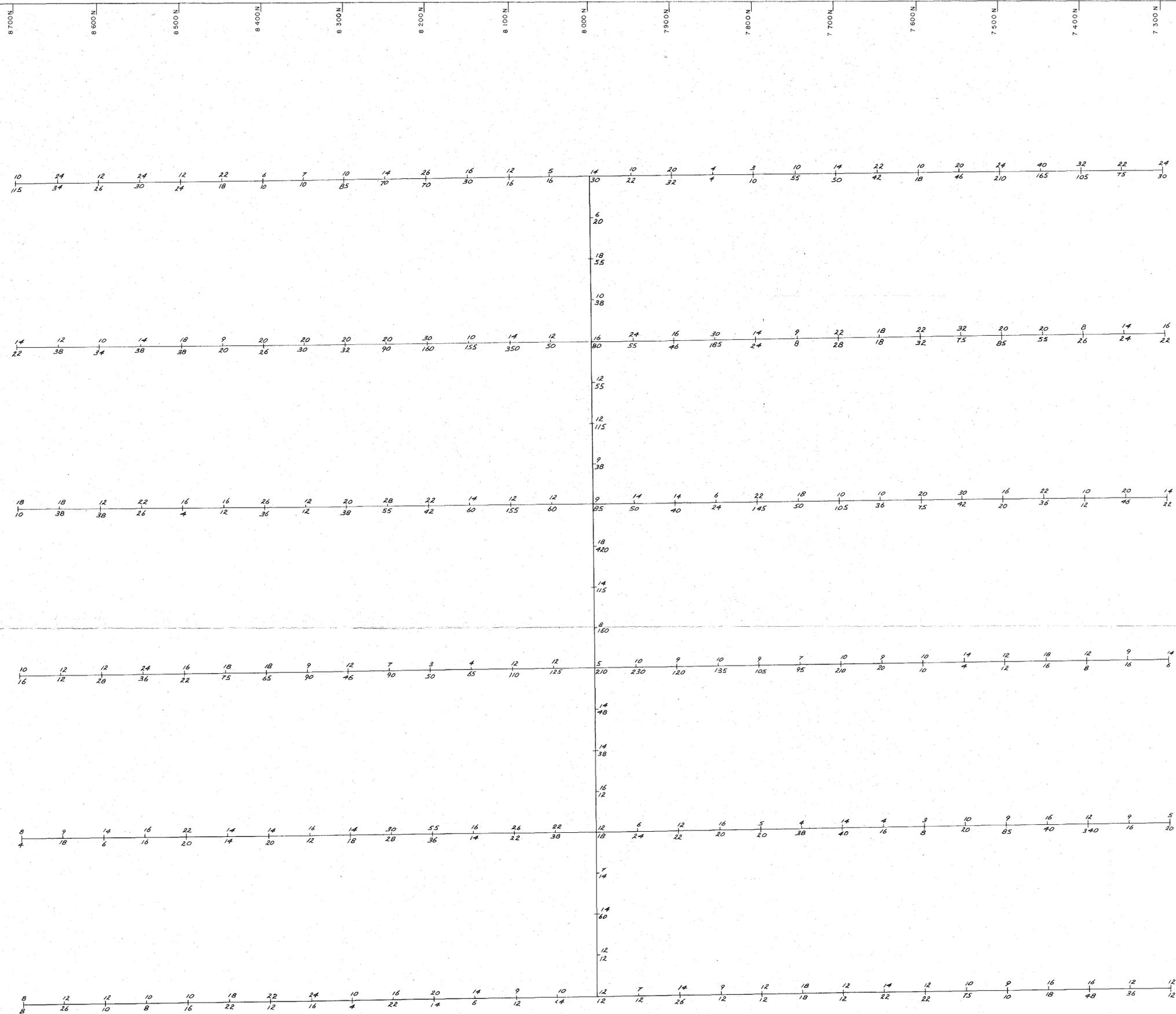
The Shell Company of Australia Limited
METALS DIVISION

SCAMANDER EL. 12/78
ARGUS GRID.
(on Flagstaff Stream Anomaly).
SOIL GEOCHEMISTRY $\frac{Sn}{WO_3}$

SCALE 1:2,500	DATE 26-9-84
AUTHOR PA RUXTON	DRAWN M.v.d.S.
OFFICE D. PORT	REP No.
ENCL No. FIG. 10	DRG No. LH02/588



-10" SOIL ASSAYED
ASSAY TECHNIQUE - X.R.F.



-10* SOIL ASSAYED
ASSAY TECHNIQUE - A.A.S.

105028

85-2467

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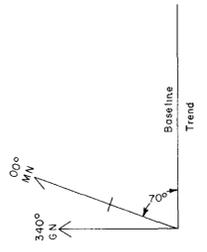
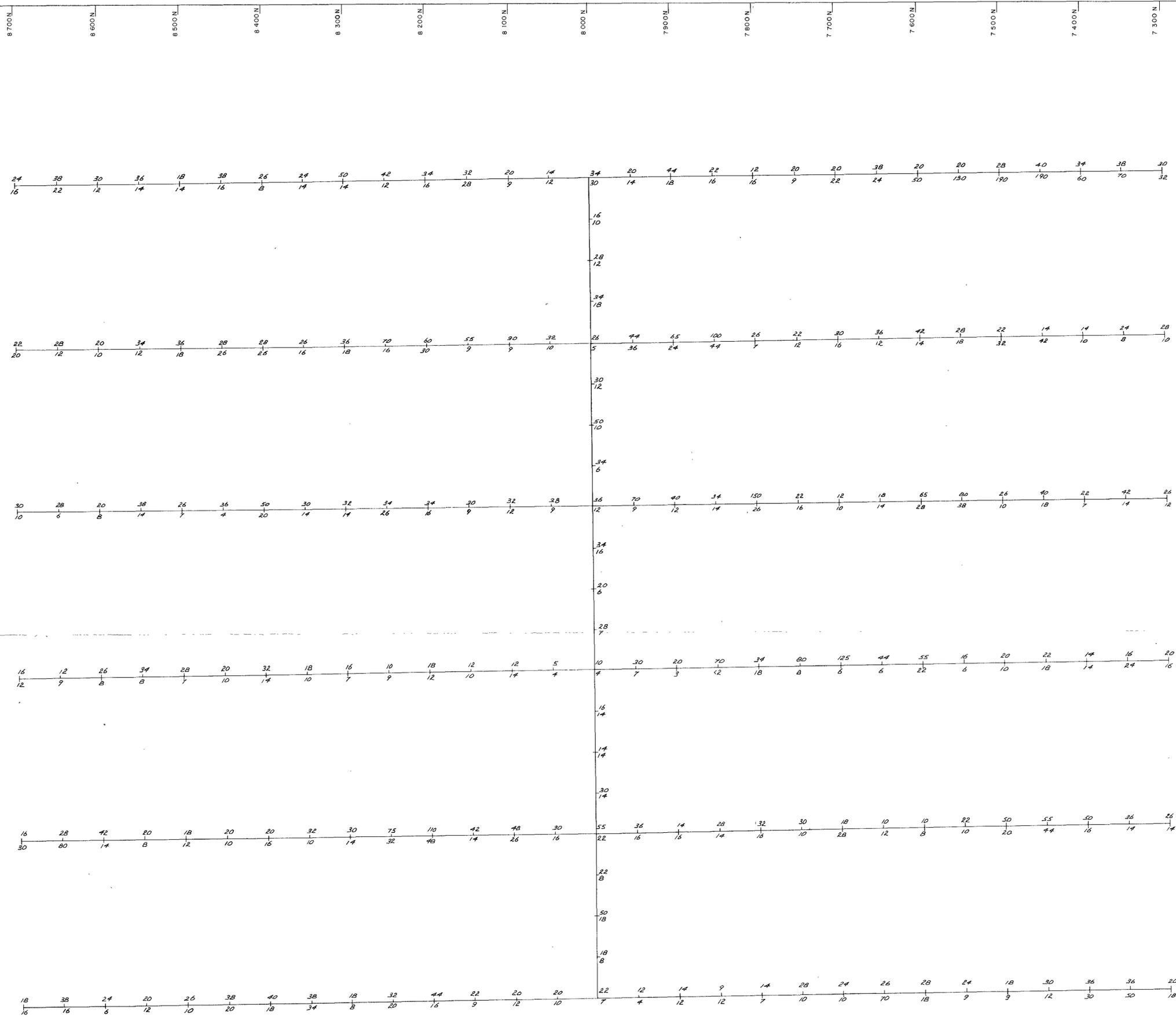
SCAMANDER E.L. 12/78
ARGUS GRID.
(on Flagstaff Stream Anomaly).

SOIL GEOCHEMISTRY $\frac{Cu}{Pb}$

SCALE 1:2,500	DATE 26/9/84
AUTHOR PA RUXTON	DRAWN MvdS
OFFICE D.PORT	REP No
ENCL No. FIG. II	DRG No. LH02/590



9000 E
8800 E
8600 E
8400 E
8200 E
8000 E



105029

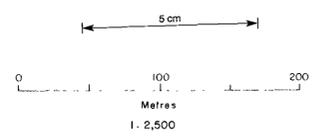
85-2467

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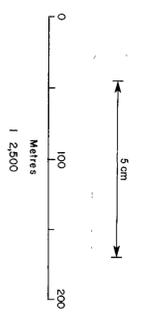
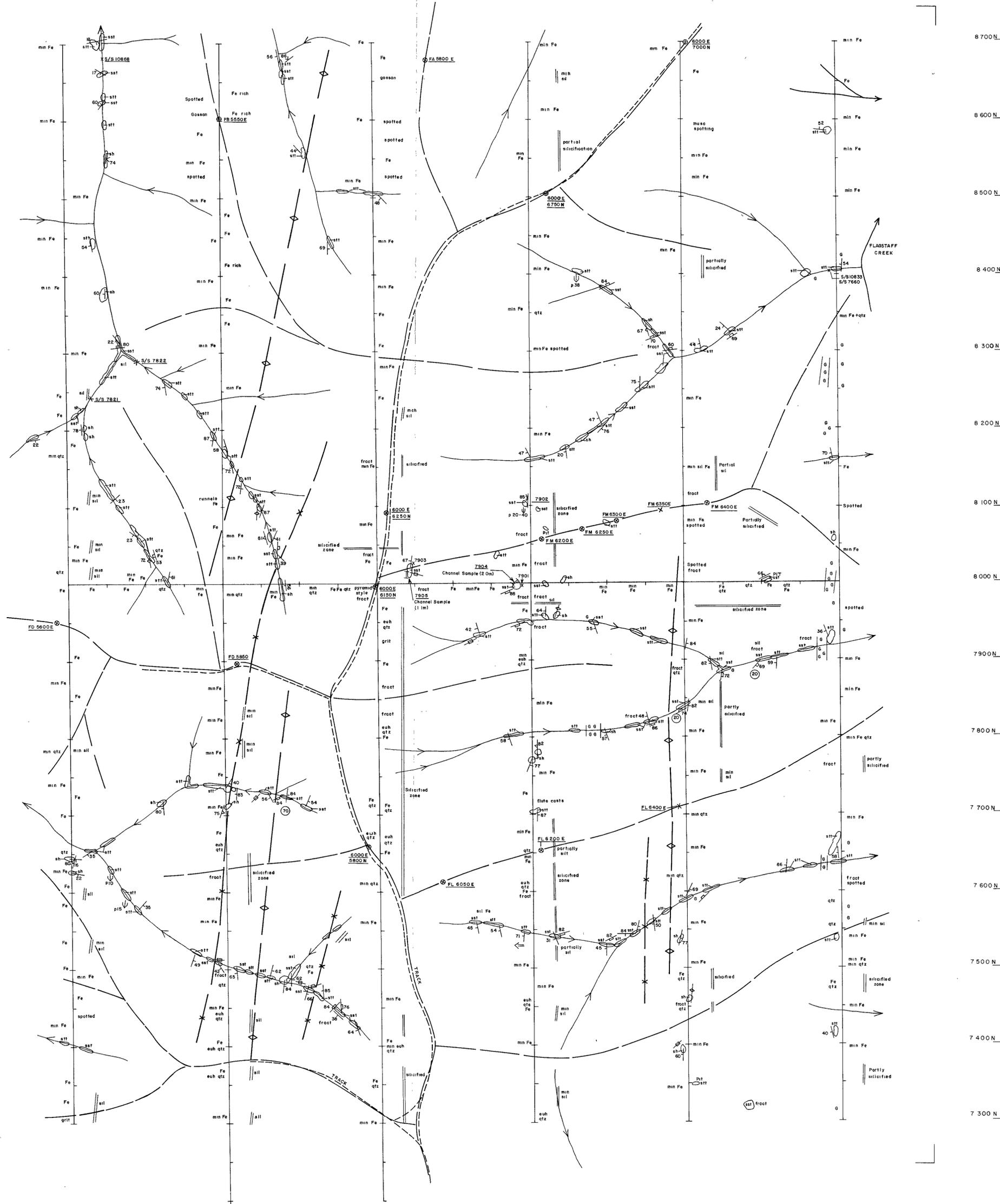
SCAMANDER EL 12/78
ARGUS GRID.
(on Flagstaff Stream Anomaly).

SOIL GEOCHEMISTRY Zn As

SCALE 1:2,500 DATE 26-9-84
AUTHOR PA RUXTON DRAWN MvdS
OFFICE D. PORT REP No
FIG. 12 REG. No. LH02/589



-10% SOIL ASSAYED
ASSAY TECHNIQUE - Zn AAS
As X.R.F.



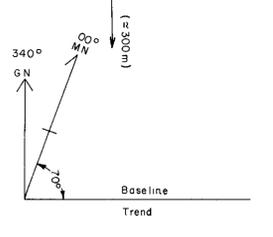
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SCAMANDER EL 12/78

The Shell Company of Australia Limited
METALS DIVISION

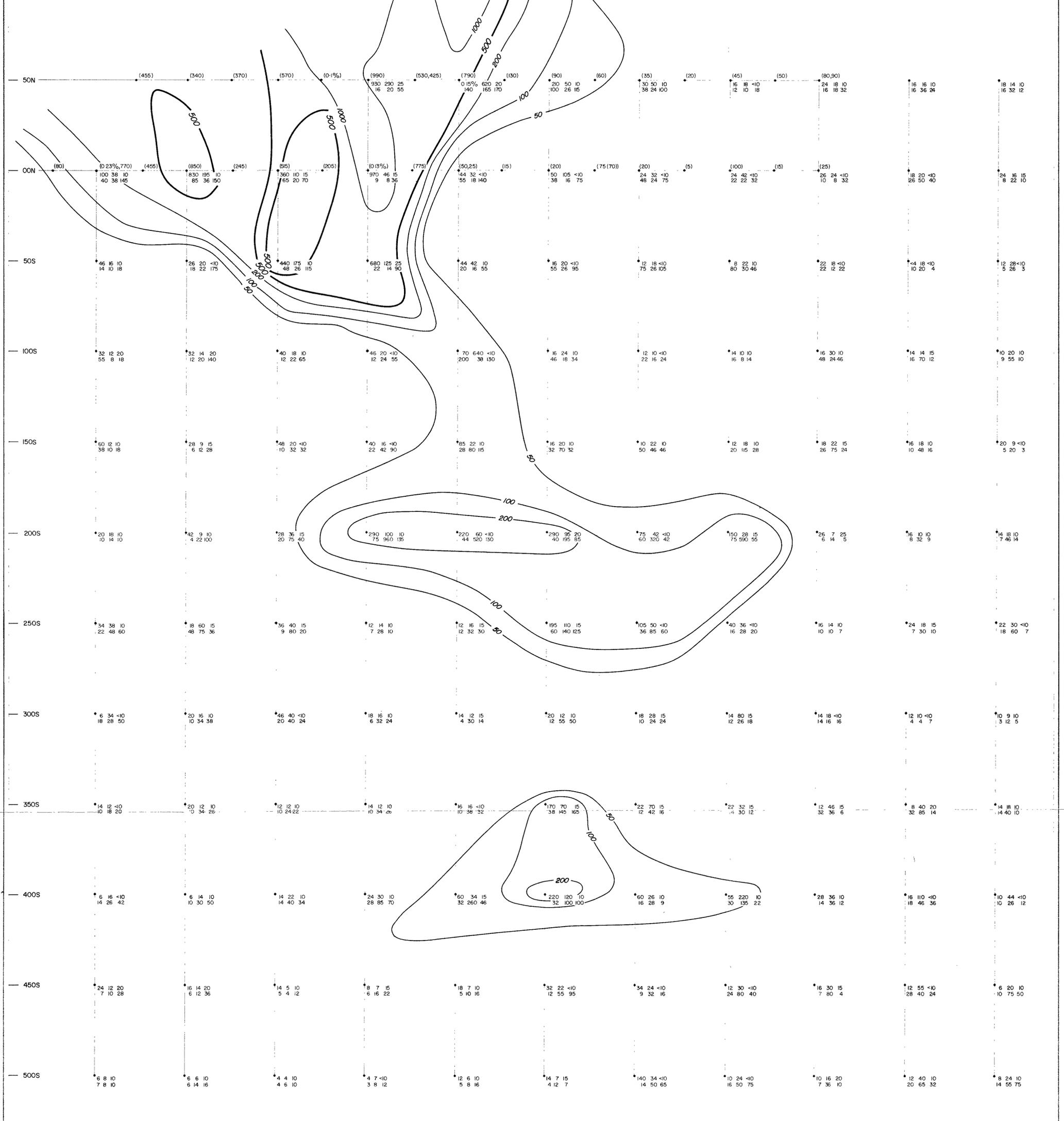
ARGUS GRID
(on Flagstaff Stream Anomaly).
GEOLOGY

SCALE 1:2500 DATE 10/9/84
AUTHOR P.A. RIXTON DRAWN M.S.
OFFICE D.P. RIT REF No
ENCL No FIG. 13 DRG No LH02/587



- X 7901 - rock chip samples
- FM 6500 E - Flagstaff ridge and spur soil samples
- X S/S 7801 - stream sediment samples
- 9000 E
- 8200 E
- 8400 E
- 8600 E
- 8800 E
- 9000 E
- 9200 E
- 9400 E
- 9600 E
- 9800 E
- 10000 E
- 10200 E
- 10400 E
- 10600 E
- 10800 E
- 11000 E
- 11200 E
- 11400 E
- 11600 E
- 11800 E
- 12000 E
- 12200 E
- 12400 E
- 12600 E
- 12800 E
- 13000 E
- 13200 E
- 13400 E
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- 98200 E
- 98400 E
- 98600 E
- 98800 E
- 99000 E
- 99200 E
- 99400 E
- 99600 E
- 99800 E
- 100000 E

GREAT PYRAMID GRID



ALL VALUES IN ppm

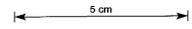
14 7 5	Sn	As	WO ₃	by X.R.F.
4 12 7	Cu	Pb	Zn	by A.A.S.

(400) BHP SOIL SAMPLES

400 BA SOIL SAMPLES

SOILS WERE SIEVED WITH THE 10# FRACTION ASSAYED

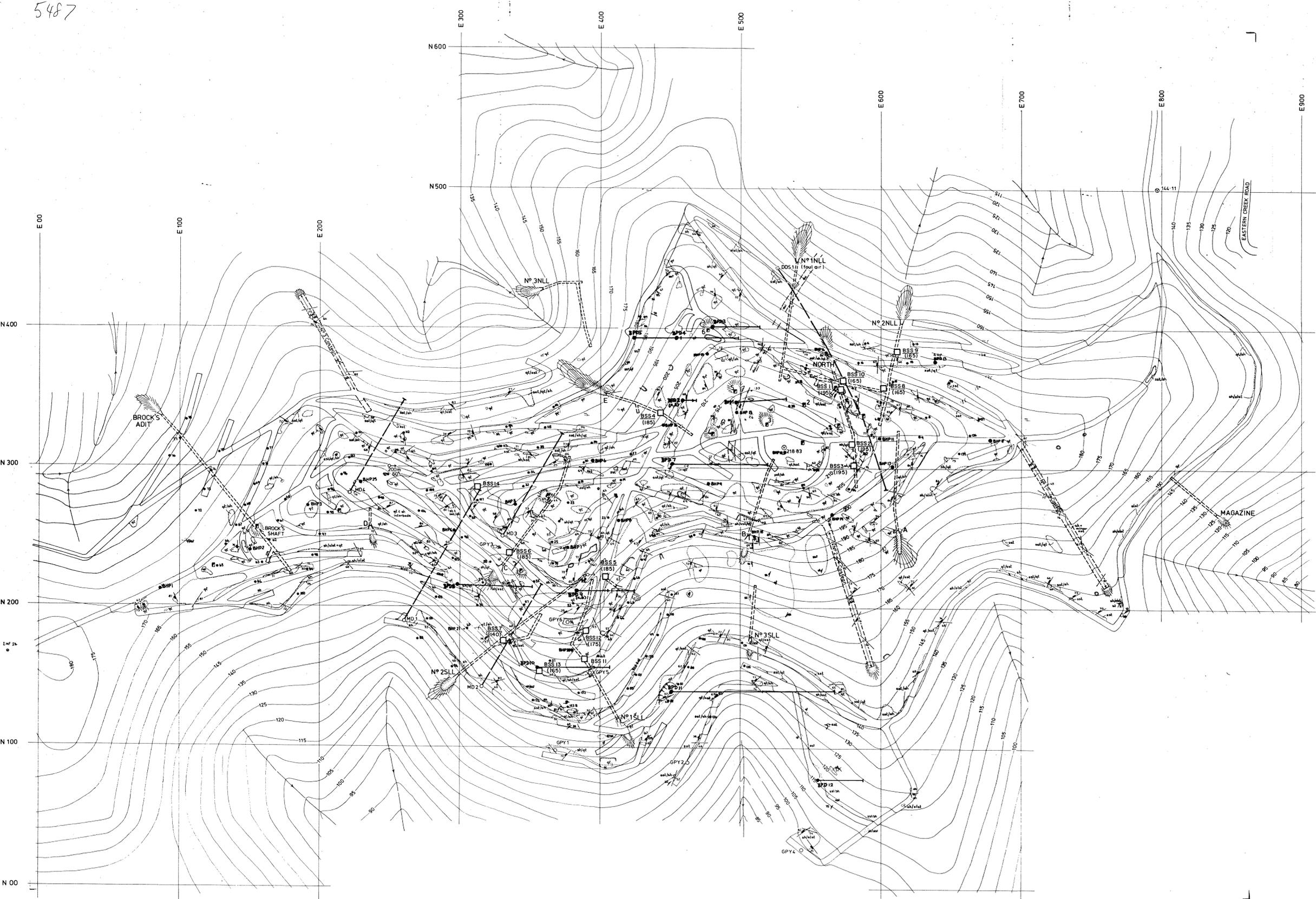
105021



750E		800E	
Billiton Australia			
Project: SCAMANDER E.L. 12/78			
Title: GREAT PYRAMID SOUTH GRID EXTENSION			
SOIL GEOCHEMISTRY			
Sn ppm			
Author: PA RUXTON Dept	Scale: 1:1000		
Drawn: J B	Date: 7/12/84	Revised:	Date:
Checked:	Date:	Scanned:	Date:
Sheet No: FIG. 15	Drawing No: LH01/1021		

85-2487

5487



5487

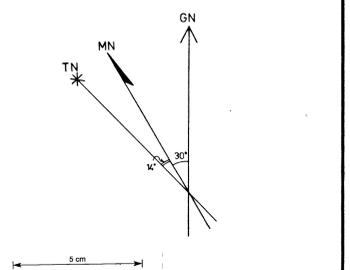
Levels are on reputed State Datum. The datum has been transferred from Skyline Trig Station (S.T. 665) to PCP 1 (refer Forestry Commission map 6041) by the Forestry Commission, and from PCP 1 to this site by Peacock, Darcey and Anderson. (Auth. Surveyors - refer map B.165 P.)

- qt Hard grey quartzite, generally massive with rare thin interbedded shale lenses. Beds usually >1m in width.
- ssl Grey to yellow-brown sandstone, usually predominating over shale. Beds 10-20cm in width. Quartzite fairly common in restricted areas.
- sh Red brown, grey or yellow brown shale, finely bedded with rare sandstone or quartzite beds.
- dal Diorite extensively altered. Commonly surface expression as deep red brown soil with rare 2-5cm rounded pebbles of diorite. Very rarely outcrops. Dyke is approx 3-7m wide.

- Outcrop boundary
- Sheeted joints, dip and strike
- Bedding, dip and strike
- Minor fold plunge direction and angle
- Slickensides direction and dip

- BSS 4 (185) Bulk sample location (with elevation a.s.l.)
- Adit with winze
- Shaft with dump
- Workings, pits, trenches, etc.
- GPY 1 Diamond Drill Hole GPY Aberfoyle, vertical
- GPY 2 MD Mines Dept, 60° depression
- GPY 3 DDS BHP (1965), 45° depression
- GPY 4 DD Hole, collar not located

- Track
- Creek
- Cliff
- 144.11 Star spike in concrete TBM with height



SCALE 1:1,000
TOPO. CONTOUR INTERVAL 5 METRES

105032

THE BROKEN HILL PROPRIETARY CO. LTD.
EXPLORATION DEPARTMENT

EL 10/80 GREAT PYRAMID PROSPECT, N.E. TASMANIA

SURFACE GEOLOGY
WITH BULK SAMPLE LOCATIONS

FIG. 16

Drawn: D A Steele Date: 29-9-80 Centre: HOBART
Traced: J.E.H. Project No: R400 Drawing No: LH 01/1022
Checked: O.I.C. 85-2467

NOTE: Map to accompany report by D.M. Ransom, Sept 1980

5487