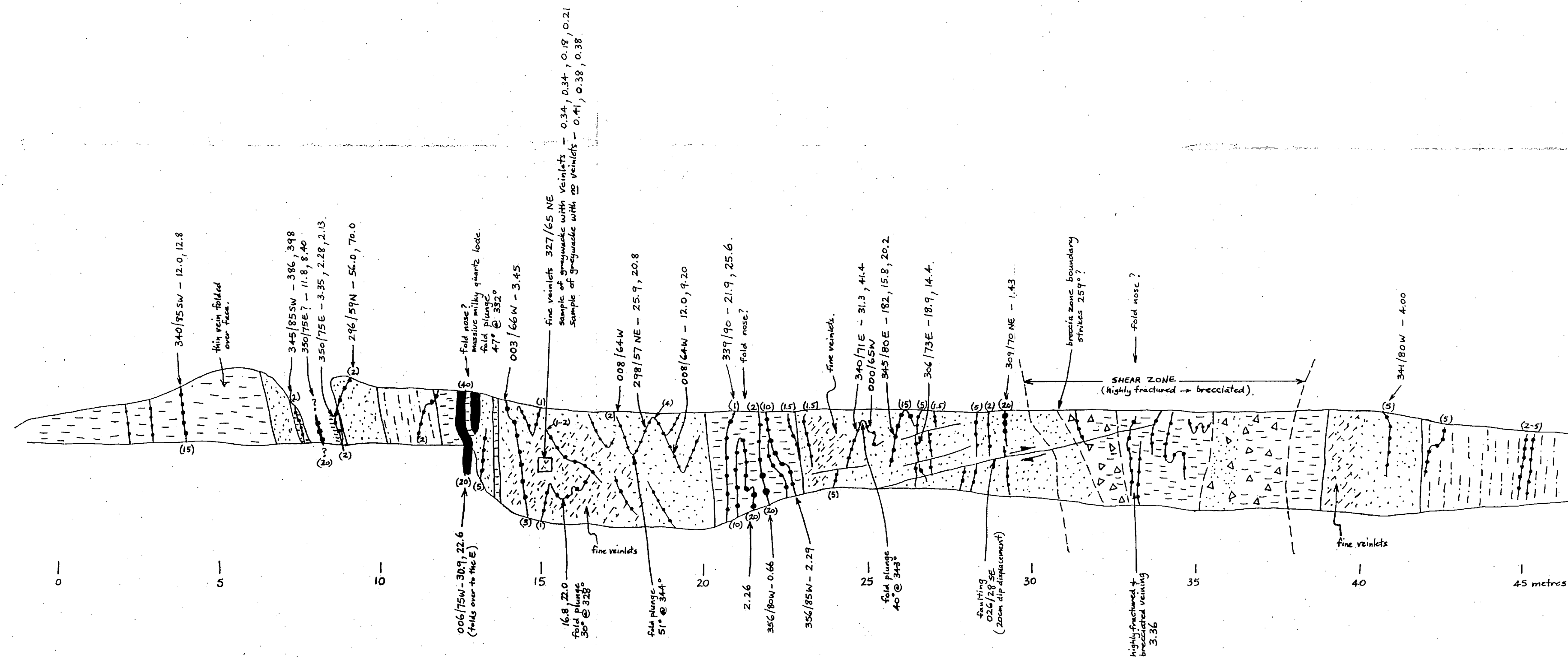
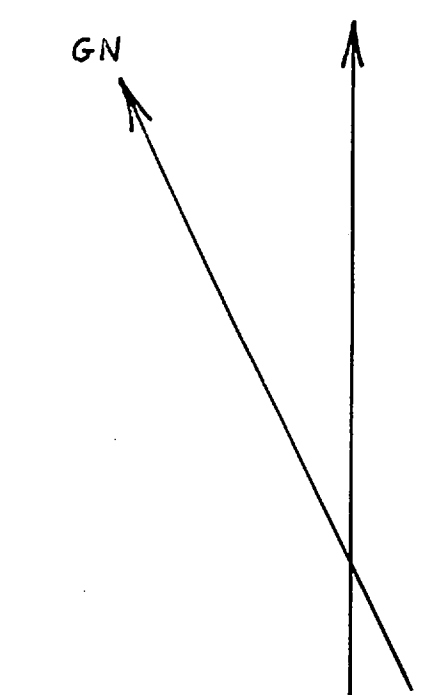
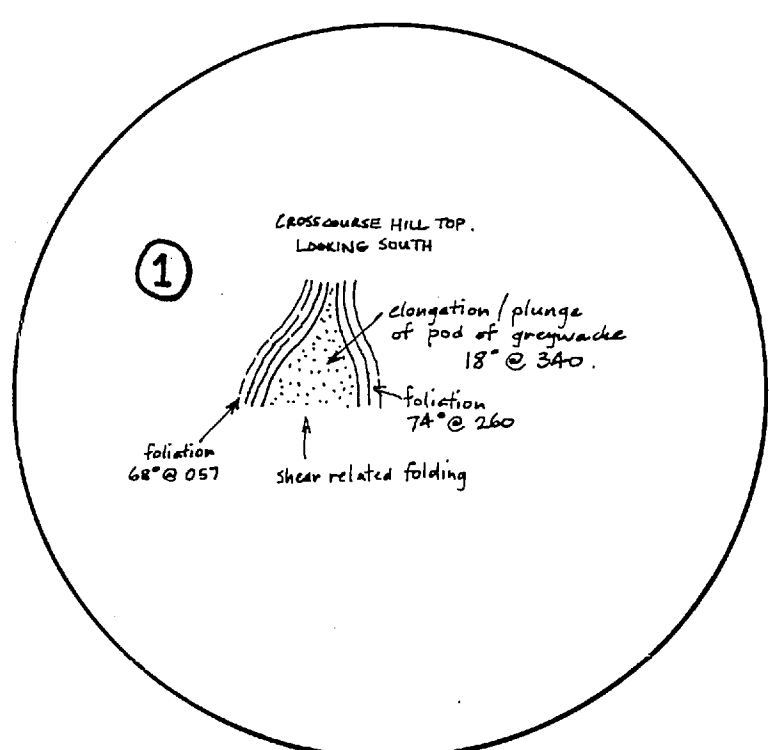
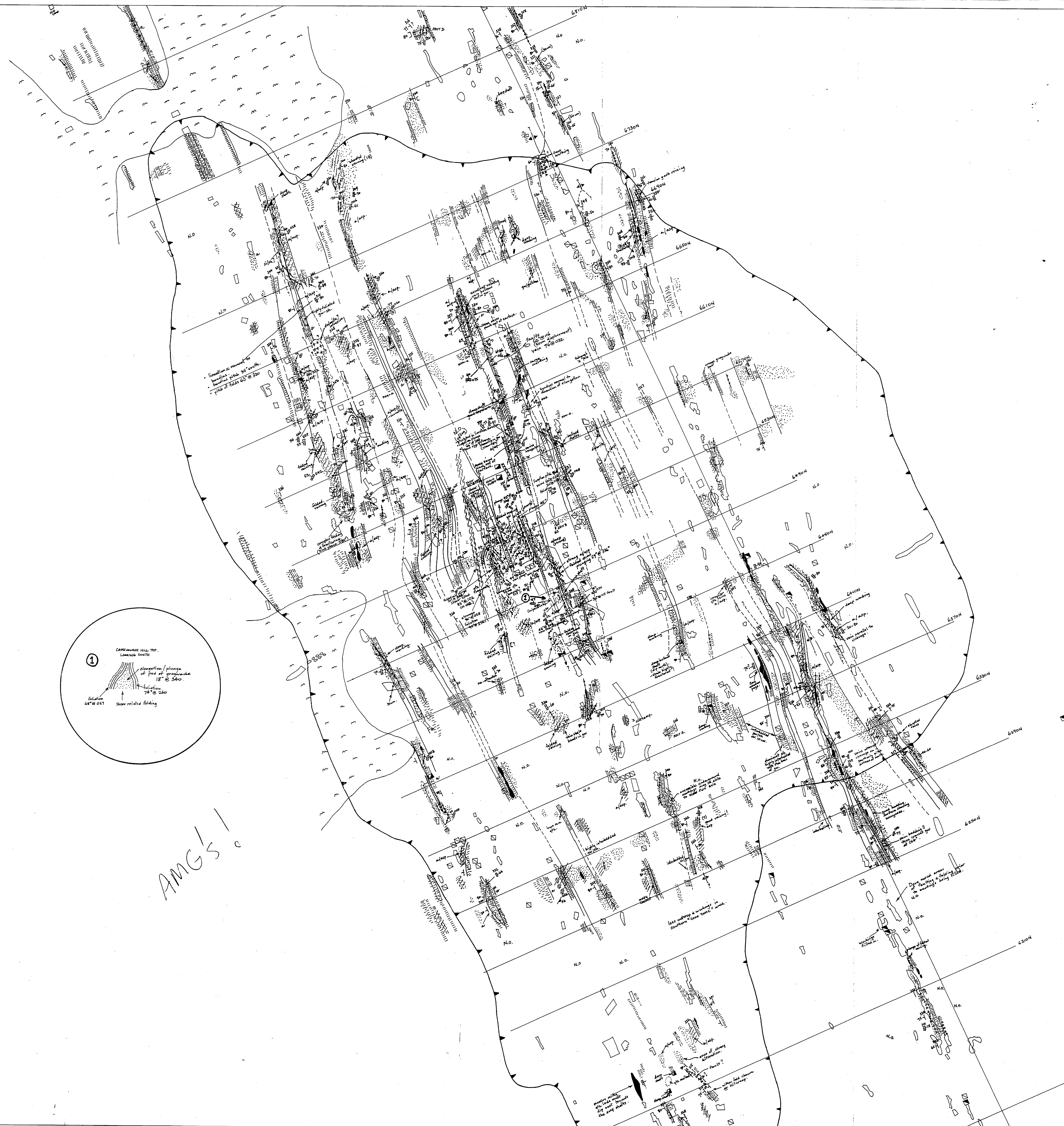




- greywacke.
- shale.
- siltstone.
- quartz veining with thickness (cm.)
- 341/80W - 4.00 quartz vein strike/dip + grab rockchip sample gold grade (g/t).
- shear breccia.
- fine quartz/sulphide veinlets.

Billiton Australia The Metals Division of the Shell Company of Australia Limited			
Project UNION REEFS			
Title CROSS COURSE 6530 N FACING SOUTH			
Author CRM	Dept.	Scale 1:100	
Drawn CAM	Date 22/9/92	Revised	Date
Checked	Date	S'ced	Date
Sheet No.		Drawing No.	8



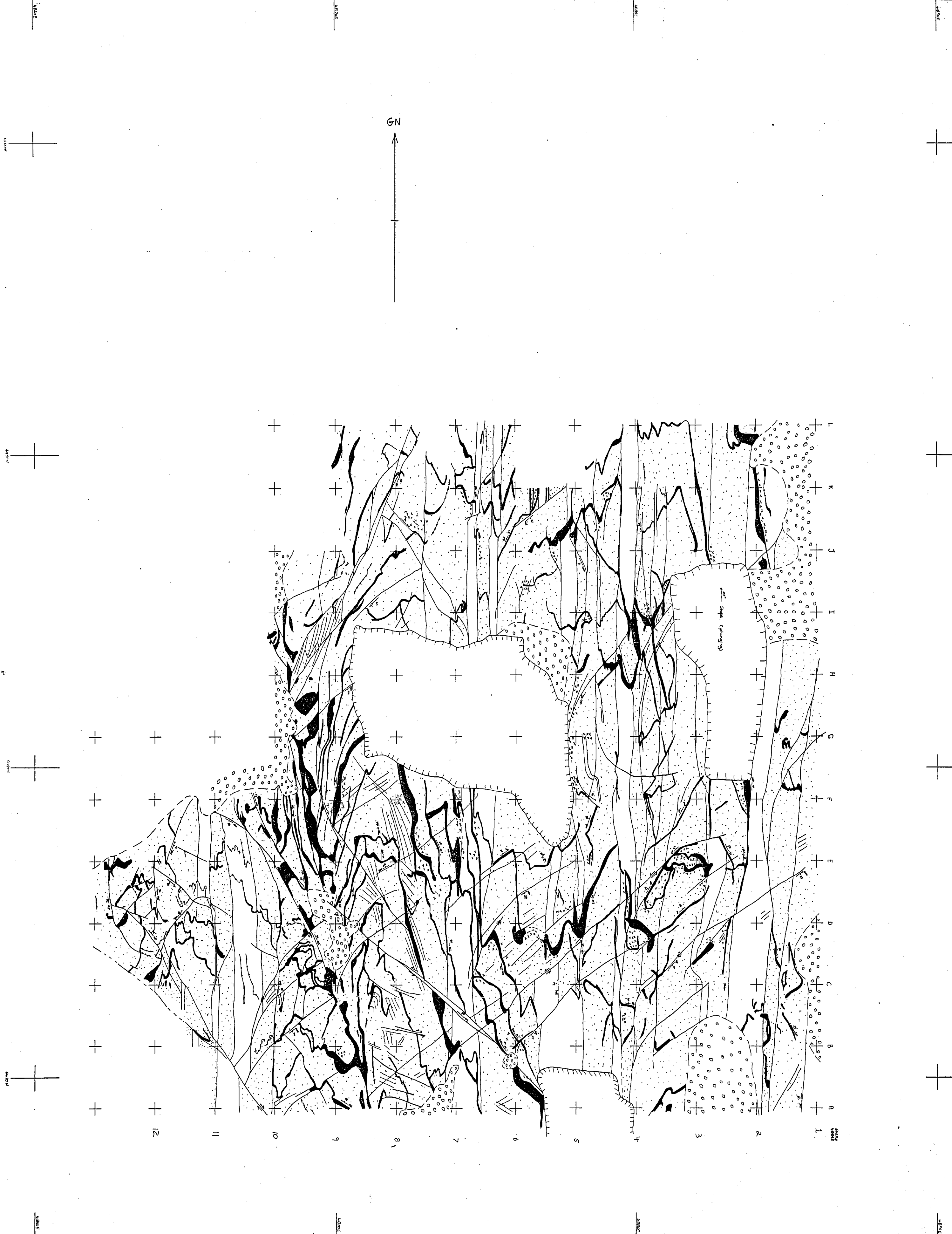
- LEGEND**
- graptolite.
 - shale.
 - siltstone.
 - basalt.
 - dolerite.
 - public bed.
 - quartzite > 1m wide.
 - quartz vein > 1m wide.
 - zone of intense quartz veining.
 - shear zone.
 - serpentine alteration (rocks with cream or pale green appearance).
 - arsenopyrite alteration (rocks with voids after disseminated arsenopyrite crystals).
 - silicic alteration.
 - vein strike & dip.
 - bedding strike & dip.
 - fracture strike & dip.
 - cleavage strike & dip.
 - geological contact.
 - geological contact (possible).
 - MRE2 pit design outline.
 - N.O. no outcrop.

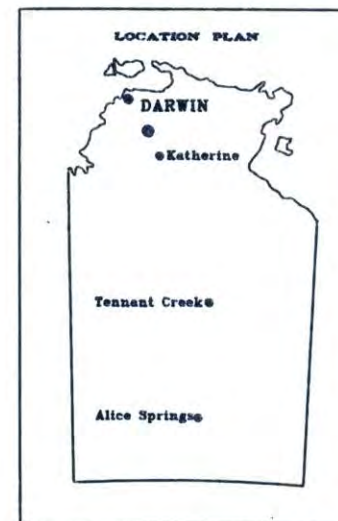
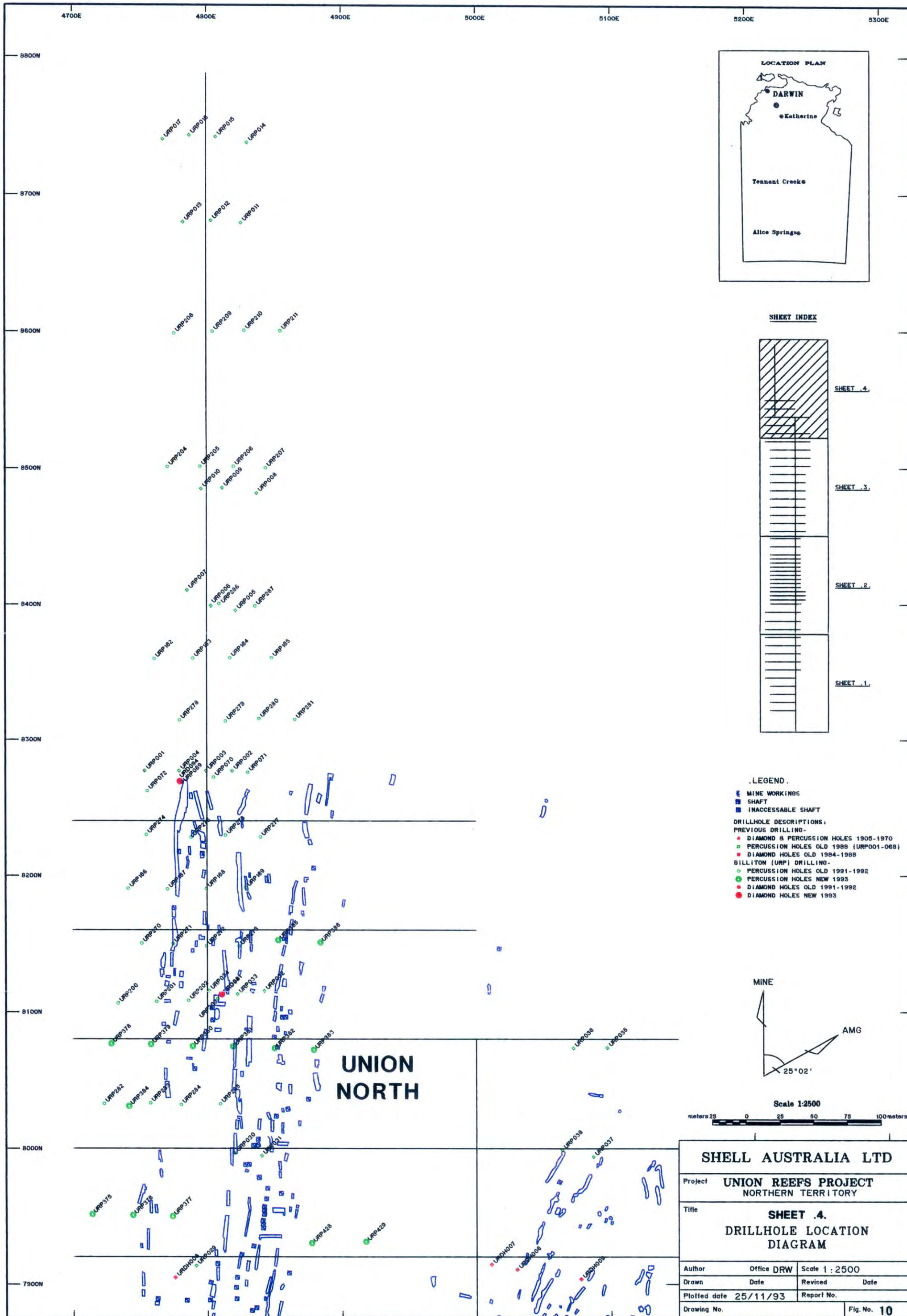
Billiton Australia The Global Division of the Shell Company of Australia Limited			
Project	UNION REEFS PROJECT NORTHERN TERRITORY		
Title	"Core Zone" Mapping Fact Map.		
Author C.R.M.	Office C.R.M.	Scale 1:1000	
Drawn C.R.M.	Date 9/92	Revised	Date
Plotted date 22/9/92	Report No.		
Drawing No.		Fig. No.	7

Surveyor	Init	Date
Drawn	600	12/1/93
Checked		
Approved		

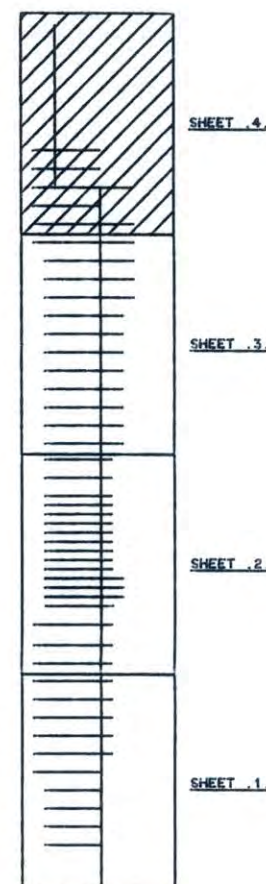
Union Reef Mre3+
Detailed Mapping of cleared off Hill Area.
Scale - 1:80

File : BLANKA0
Scale : 1 : 6772.5
Date : 12 Feb 1993



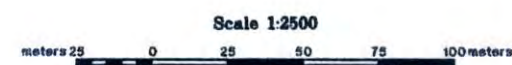
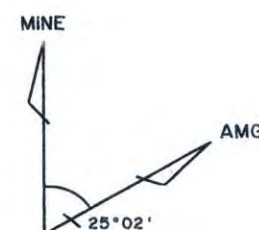


SHEET INDEX



LEGEND

- MINE WORKINGS
 - SHAFT
 - INACCESSIBLE SHAFT
- DRILLHOLE DESCRIPTIONS:**
- PREVIOUS DRILLING:**
- DIAMOND & PERCUSSION HOLES 1905-1970
 - PERCUSSION HOLES OLD 1988 (URP001-068)
 - DIAMOND HOLES OLD 1984-1988
- BILLITON (URP) DRILLING:**
- PERCUSSION HOLES OLD 1991-1992
 - PERCUSSION HOLES NEW 1993
 - DIAMOND HOLES OLD 1991-1992
 - DIAMOND HOLES NEW 1993



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**Project UNION REEFS PROJECT
NORTHERN TERRITORY**

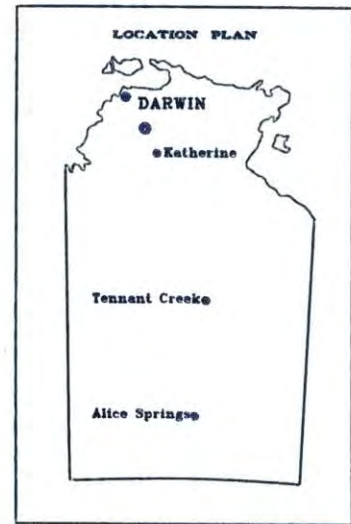
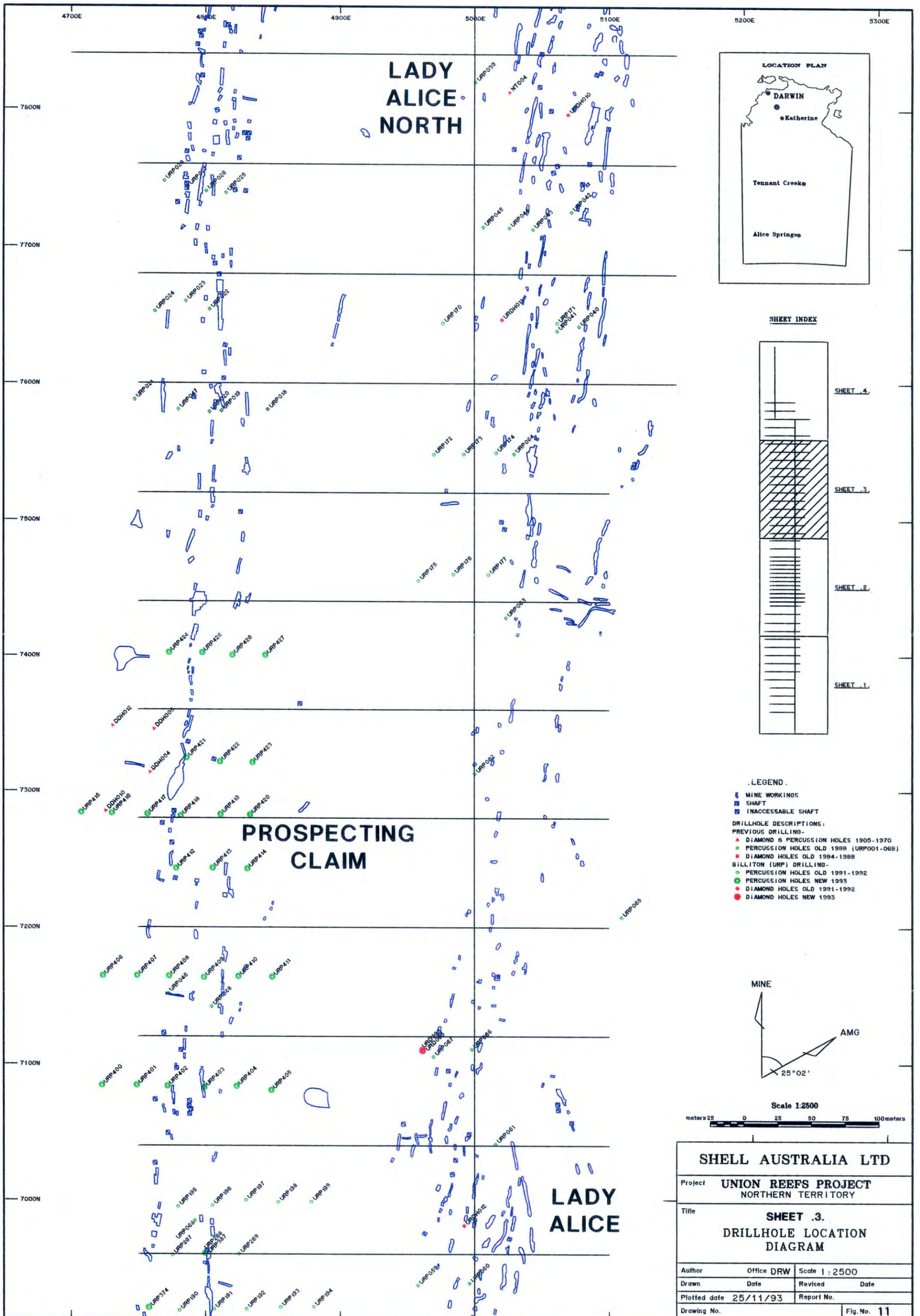
**Title SHEET .4.
DRILLHOLE LOCATION
DIAGRAM**

Author Office DRW Scale 1:2500

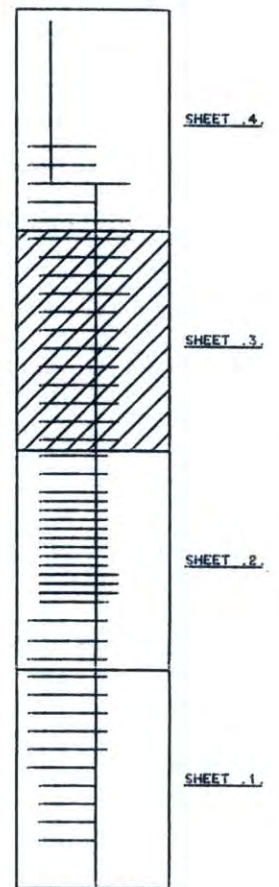
Drawn Date Revised Date

Plotted date 25/11/93 Report No.

Drawing No. Fig. No. 10

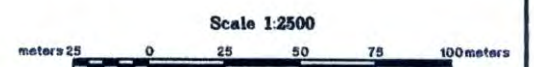
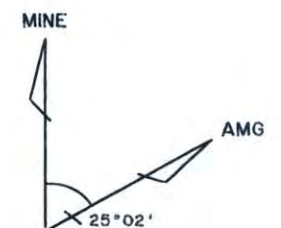


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LEGEND

- MINE WORKINGS
- SHAFT
- INACCESSIBLE SHAFT
- DRILLHOLE DESCRIPTIONS:
 - PREVIOUS DRILLING:
 - DIAMOND & PERCUSSION HOLES 1905-1970
 - PERCUSSION HOLES OLD 1988 (URP001-068)
 - DIAMOND HOLES OLD 1984-1988
 - BILLITON (URP) DRILLING:
 - PERCUSSION HOLES OLD 1991-1992
 - PERCUSSION HOLES NEW 1993
 - DIAMOND HOLES OLD 1991-1992
 - DIAMOND HOLES NEW 1993

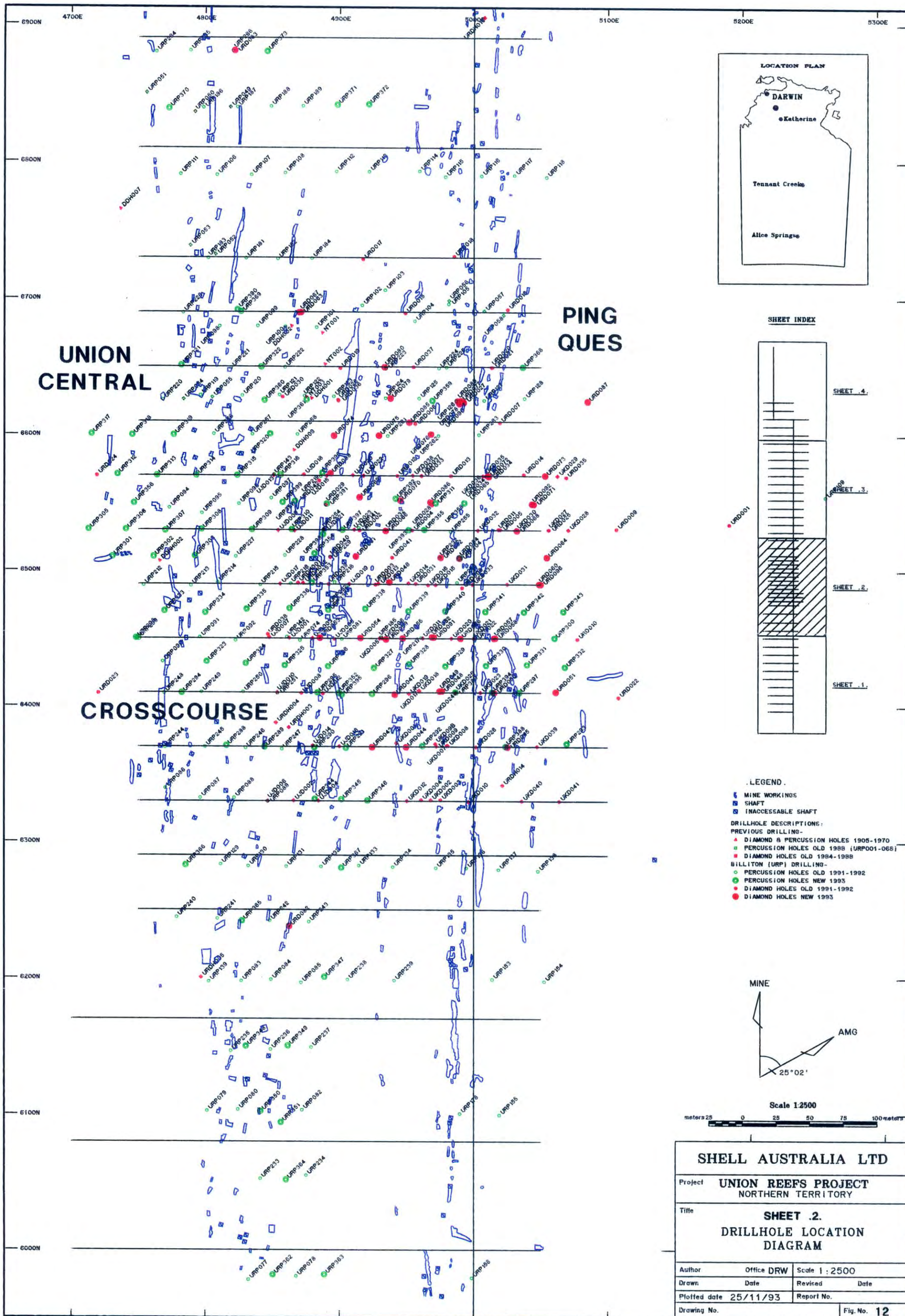


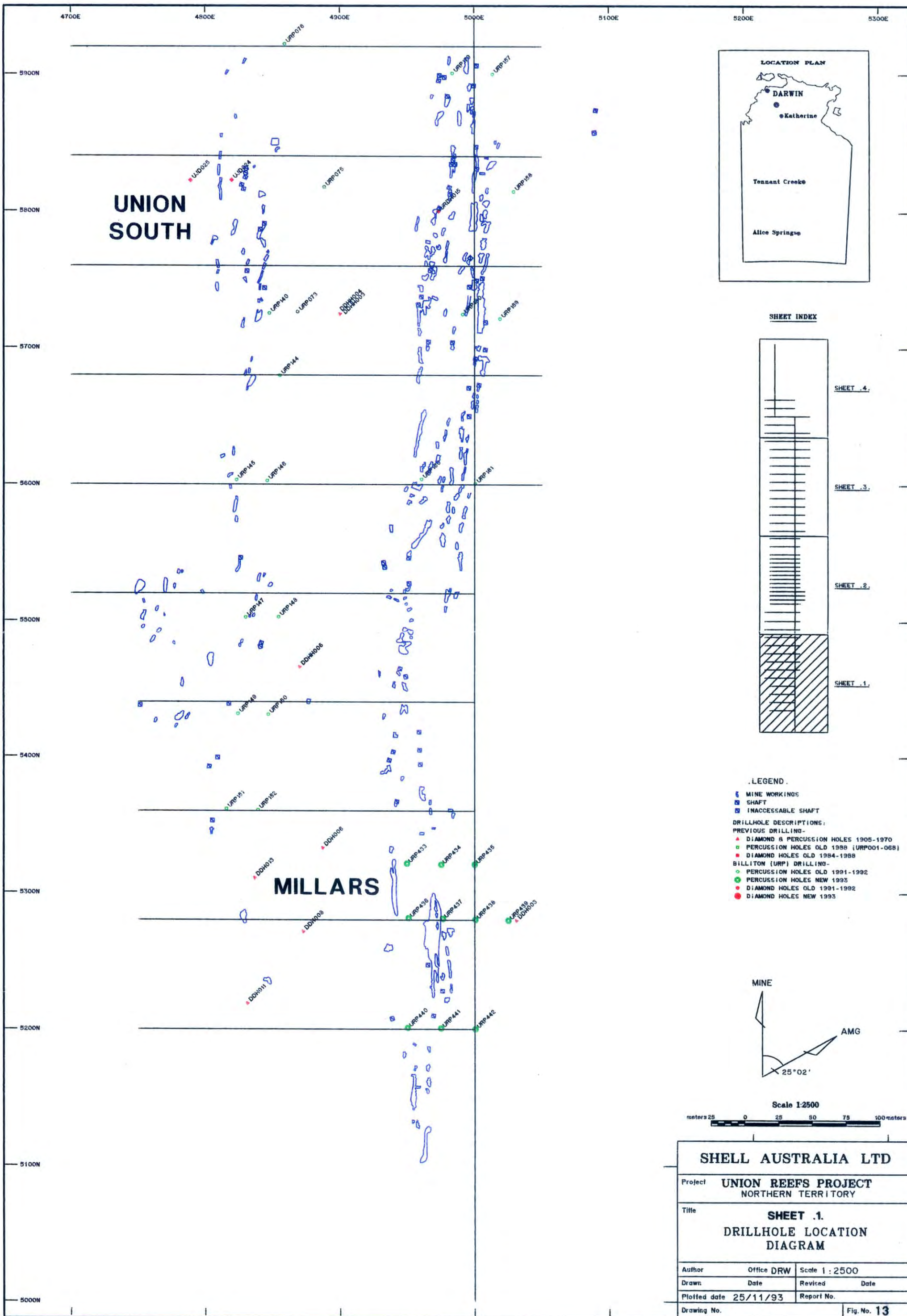
SHELL AUSTRALIA LTD

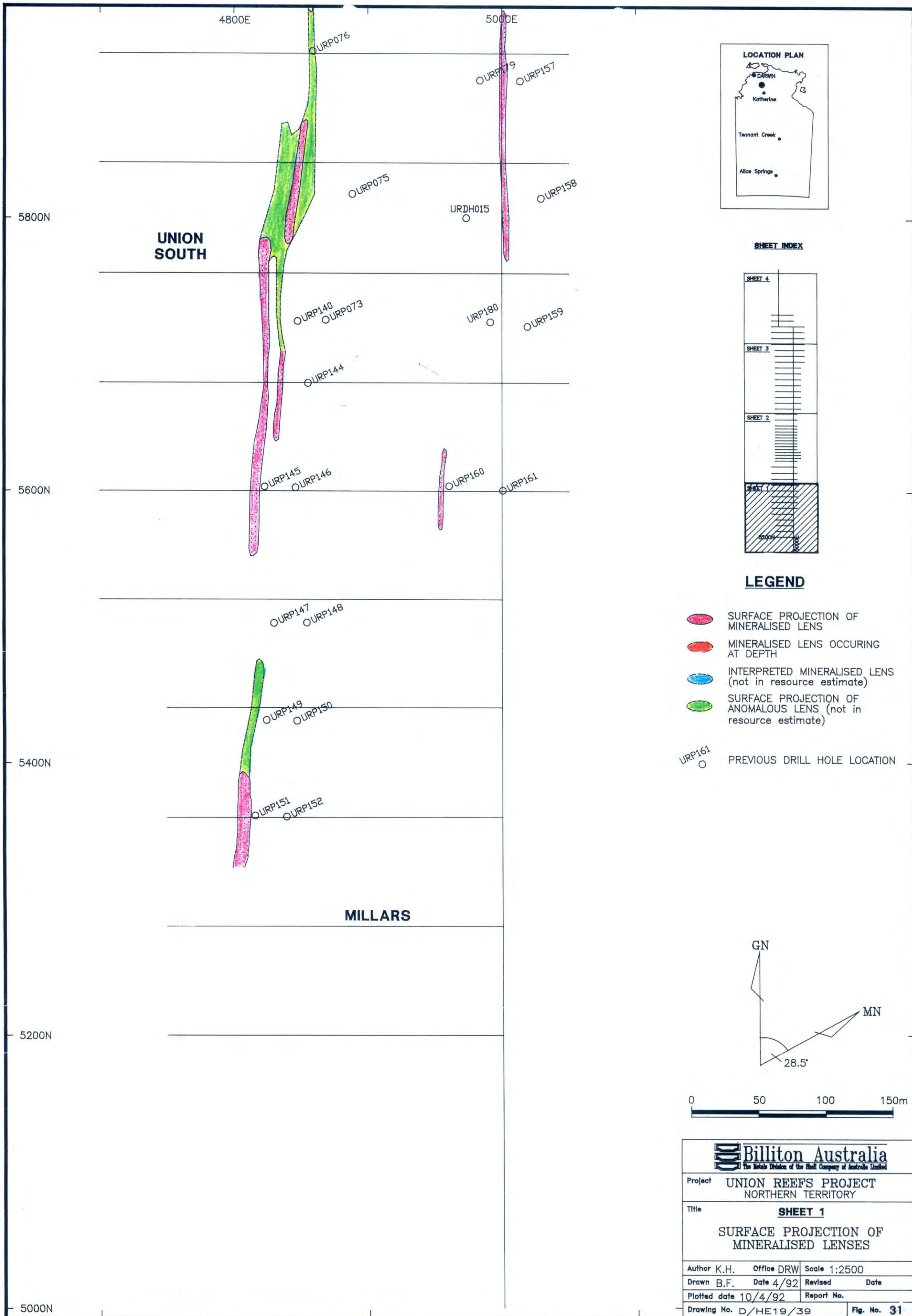
Project UNION REEFS PROJECT
NORTHERN TERRITORY

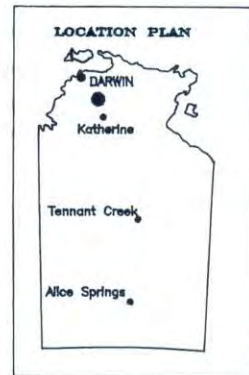
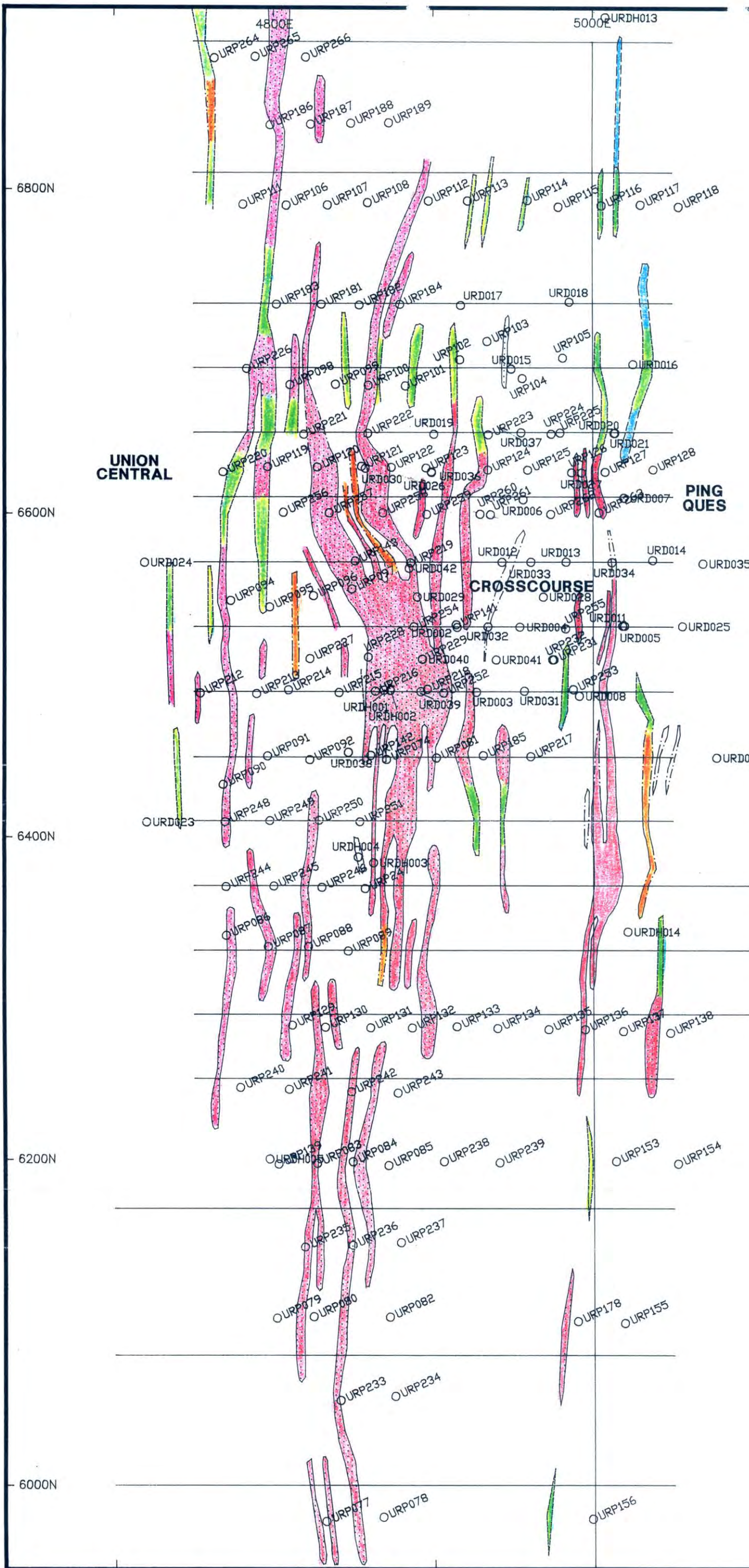
Title SHEET .3.
DRILLHOLE LOCATION
DIAGRAM

Author	Office DRW	Scale 1:2500
Drawn	Date	Revised Date
Plotted date	25/11/93	Report No.
Drawing No.		Fig. No. 11

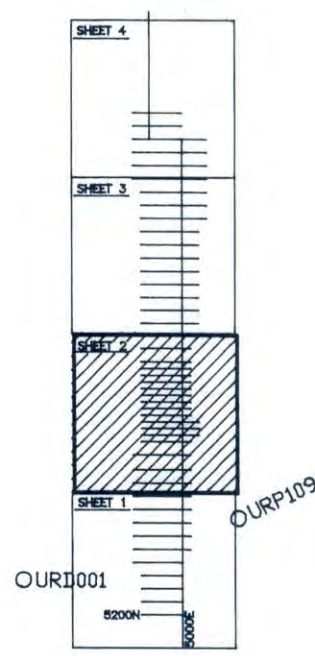






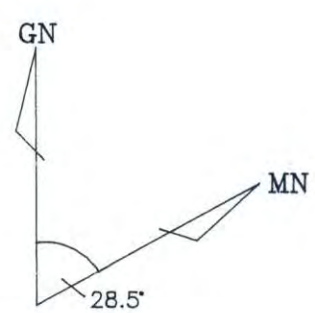


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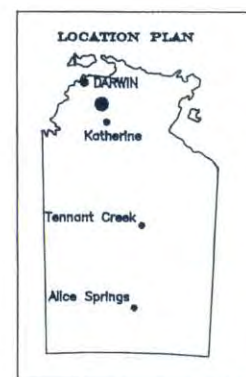
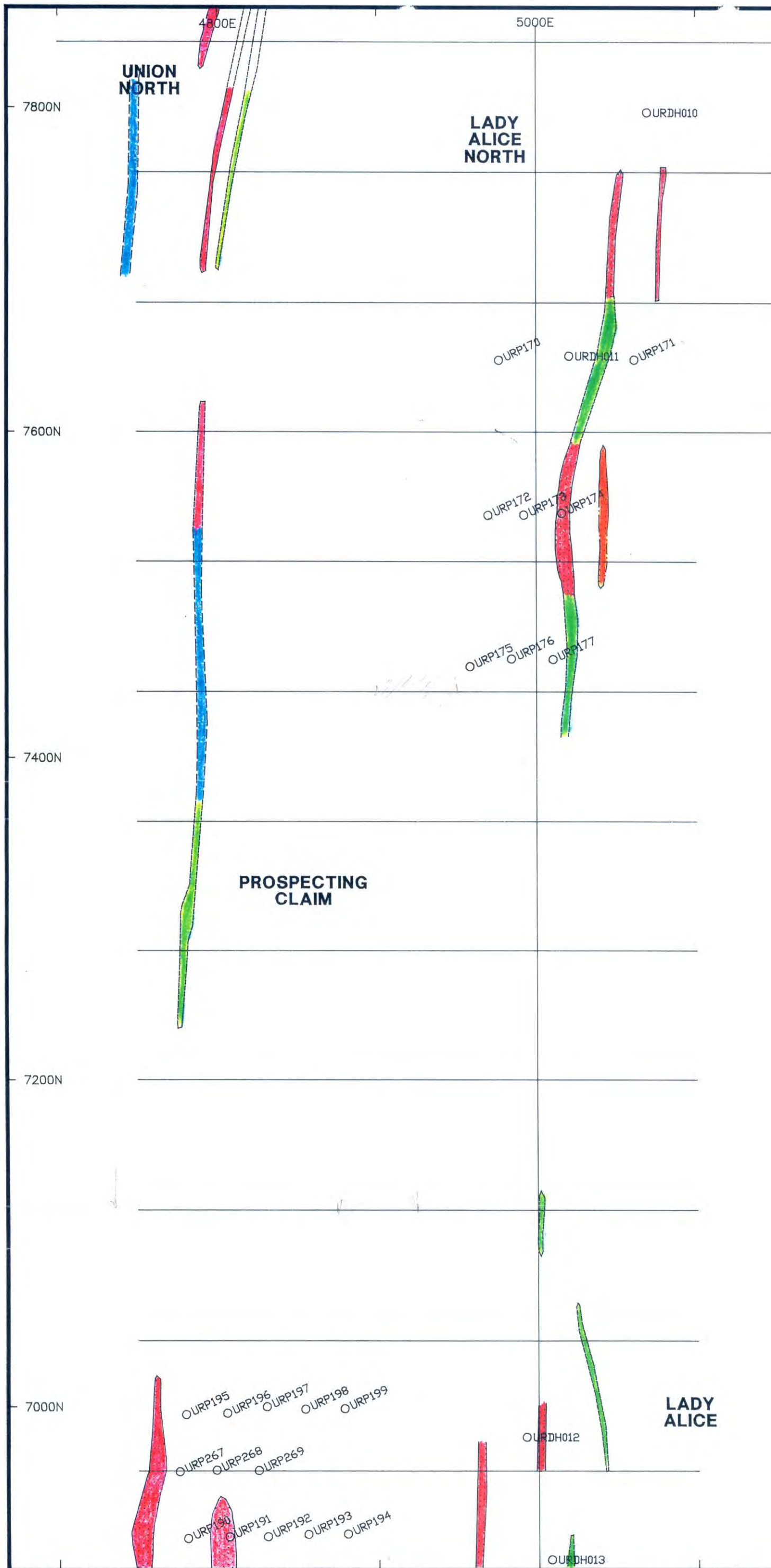


LEGEND

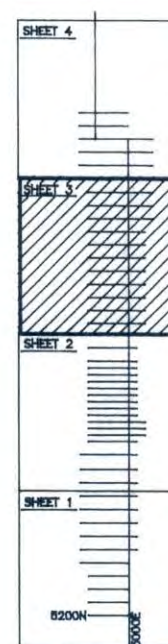
- SURFACE PROJECTION OF MINERALISED LENS
- MINERALISED LENS OCCURING AT DEPTH
- INTERPRETED MINERALISED LENS (not in resource estimate)
- SURFACE PROJECTION OF ANOMALOUS LENS (not in resource estimate)
- DRILL HOLE LOCATION



 Billiton Australia The Metals Division of the Shell Company of Australia Limited			
Project		UNION REEFS PROJECT NORTHERN TERRITORY	
Title		SHEET 2 SURFACE PROJECTION OF MINERALISED LENSES	
Author K.H.	Office DRW	Scale 1:2500	
Drawn B.F.	Date 4/92	Revised	Date
Plotted date 10/4/92		Report No.	
Drawing No. D/HE19/40		Fig. No. 32	

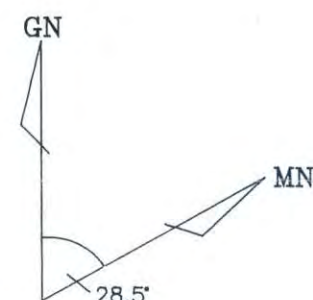


SHEET INDEX



LEGEND

- SURFACE PROJECTION OF MINERALISED LENS
- MINERALISED LENS OCCURRING AT DEPTH
- INTERPRETED MINERALISED LENS (not in resource estimate)
- SURFACE PROJECTION OF ANOMALOUS LENS (not in resource estimate)
- DRILL HOLE LOCATION

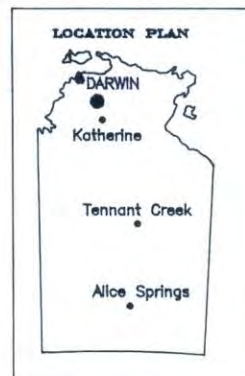
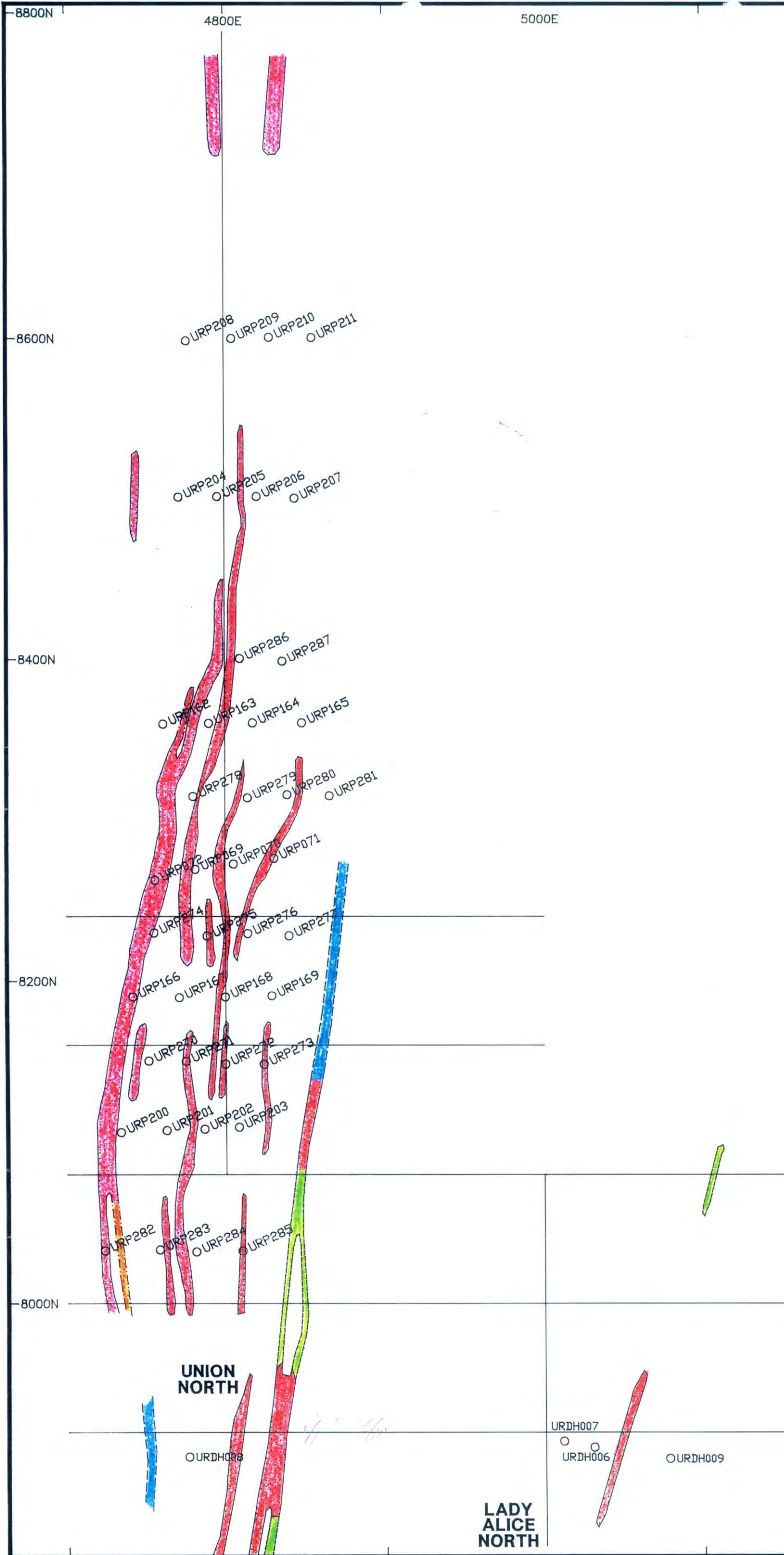


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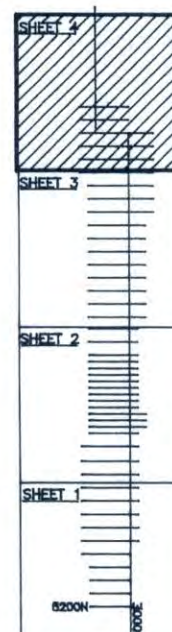
Project **UNION REEFS PROJECT**
NORTHERN TERRITORY

Title **SHEET 3**
SURFACE PROJECTION OF MINERALISED LENSES

Author K.H.	Office DRW	Scale 1:2500
Drawn B.F.	Date 4/92	Revised Date
Plotted date 10/4/92	Report No.	
Drawing No. D/HE19/41	Fig. No. 33	

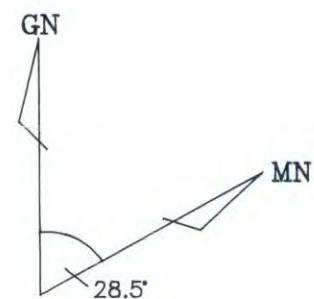


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LEGEND

- SURFACE PROJECTION OF MINERALISED LENS
- MINERALISED LENS OCCURRING AT DEPTH
- INTERPRETED MINERALISED LENS (not in resource estimate)
- SURFACE PROJECTION OF ANOMALOUS LENS (not in resource estimate)
- URDH009 DRILL HOLE LOCATION

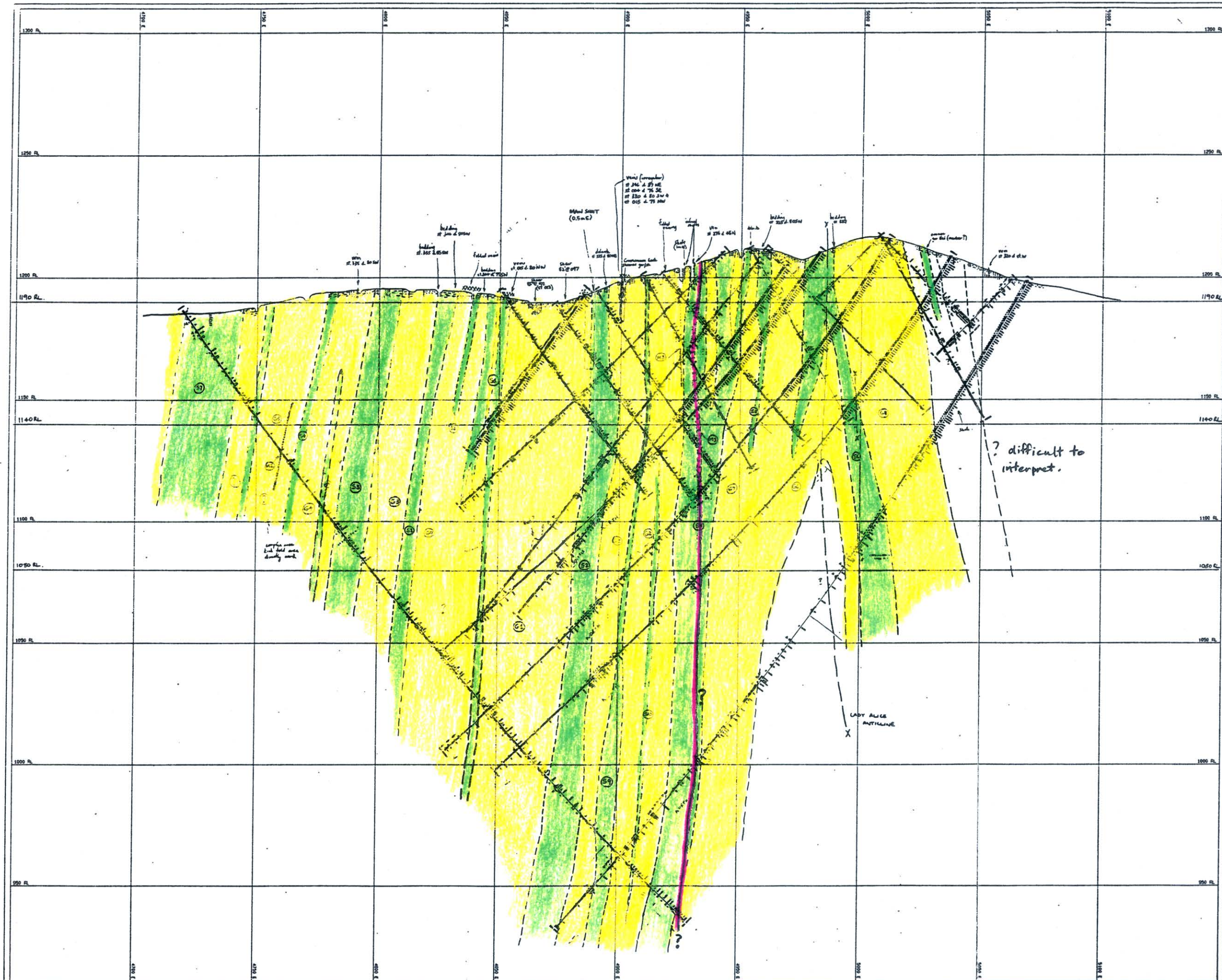


Billiton Australia
The Metals Division of the Shell Company of Australia Limited

Project **UNION REEFS PROJECT**
NORTHERN TERRITORY

Title **SHEET 4**
SURFACE PROJECTION OF MINERALISED LENSES

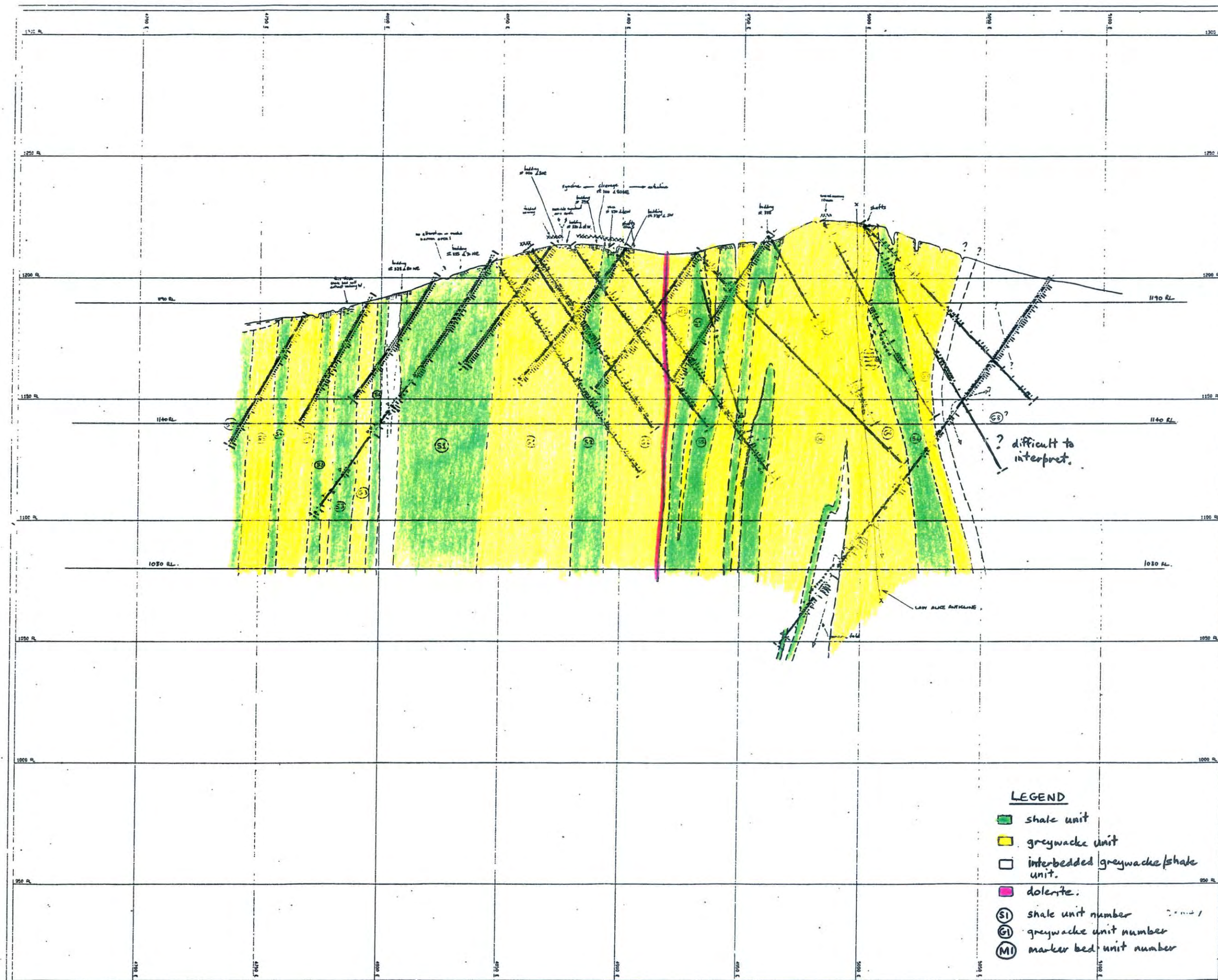
Author K.H.	Office DRW	Scale 1:2500
Drawn B.F.	Date 4/92	Revised Date
Plotted date 10/4/92	Report No.	
Drawing No. D/HE19/42	Fig. No. 34	



Author	
Drawn	
Checked	
Approved	

UR3+ Lithology
Section 6570 - Lithology

File	6570L
Scale	1:4000
Date	29 Jan 1983



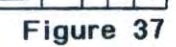
LEGEND

- shale unit
- greywacke unit
- interbedded greywacke/shale unit.
- dolerite.
- (S1) shale unit number
- (G1) greywacke unit number
- (M1) marker bed unit number

UN3+ Lithology
Section 6450 - Lithology

File 6450, A2
Scale 1:1000
Date 28 Jan 1973

Figure 36



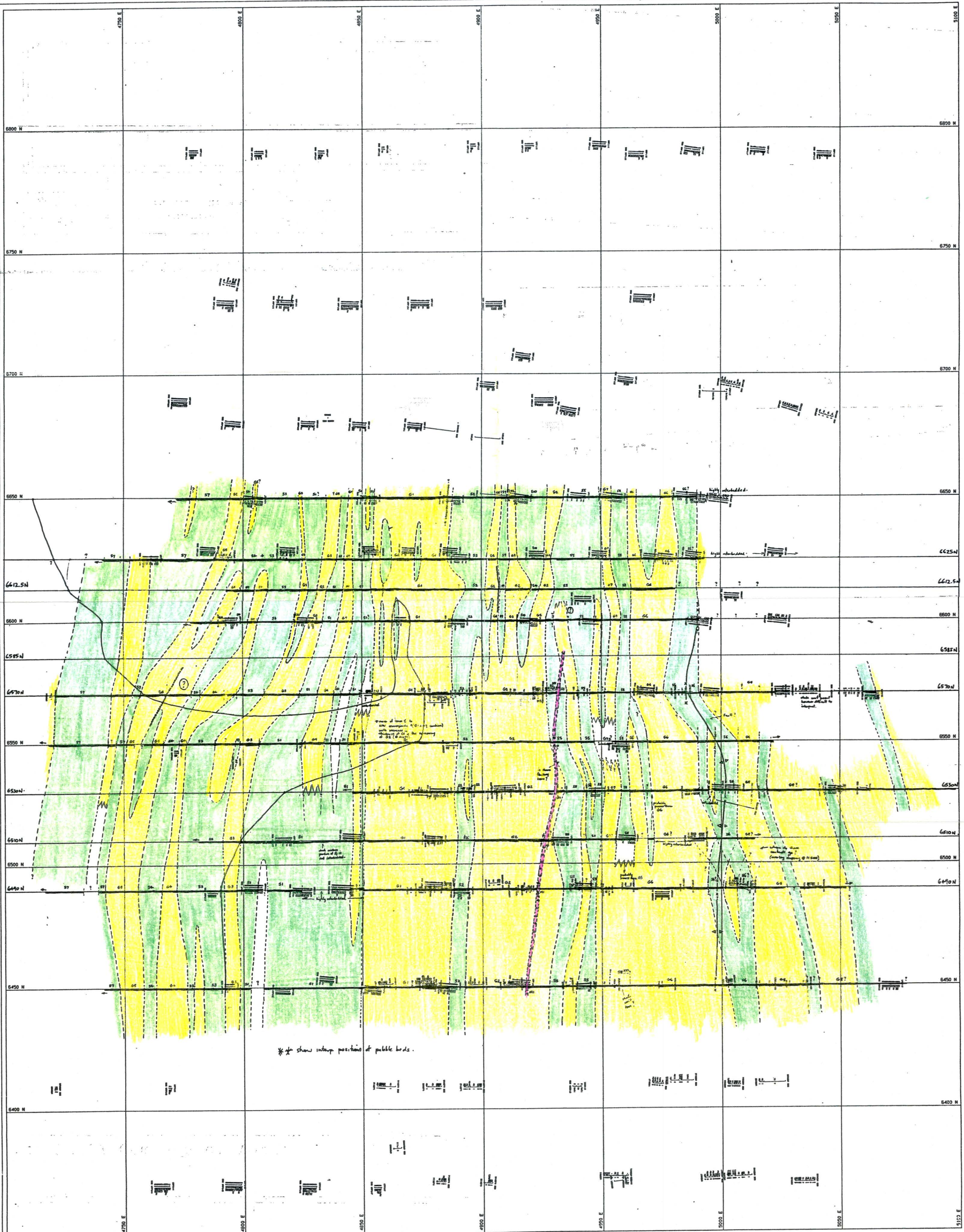
LEGEND

- shale unit
- greywacke unit
- interbedded shale & greywacke
- dolerite
- S1 shale unit
- G2 greywacke unit
- M1 marker bed

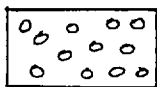
Surveyor	Init	Date
Drawn		
Checked		
Approved		

UR3+ Lithology
Level 1190 - Lithology

File : 1190L
Scale : 1 : 50000
Date : 22 Feb 1993



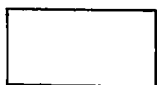
LEGEND



Soil/Growel cover.



Greywacke



siltstone



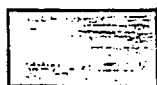
Quartz veining.



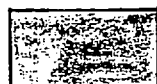
Disseminated Arsenopyrite.



Red brown Greywacke & Siltstone with bleaching on joint surfaces.



Perussive bleaching



Intense chlorite/sericite alteration.