Report No. NT-173

ANNUAL REPORT FOR EXPLORATION LICENCE 701

ULDIRRA

FOR YEAR ENDING 17th JULY, 1977.

Distribution:

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October 1977

D.A. Dixon

CONTENTS

SUMMARY

Five vertical percussion holes with a cumulative depth of 180 m. were drilled in the south-western corner of the Exploration Licence. These holes were drilled to test a favourable, southerly dipping, grey-white sandstone unit (in the Mount Eclipse Sandstone) previously intersected in UPH 3 and 4 (1976).

UPH 6 and 7 intersected grey-white sandstone with interbedded shale and siltstone. Further to the north, UPH 8 and 9 intersected red facies sandstone with interbedded siltstone-shale. The contact between the red and grey-white facies was intersected in UPH 10 at a depth of 13.5 m. No anomalous gamma activity was recorded from any of the holes drilled.

INTRODUCTION

E.L. 701, Uldirra, was granted to Central Pacific Minerals N.L. for 12 months on the 17th July, 1974, and has been renewed annually thereafter. Previously, the area had been held as Authority to Prospect No. 2908.

This report summarises the programme carried out in the year ending 17th July, 1977, by Central Pacific Minerals N.L. on E.L. 701 as operator for a joint venture with Agip Nucleare Aust. Pty. Ltd., Magellan Petroleum Australian Limited, Urangesellschaft mBh & Co. and the Australian Atomic Energy Commission.

LOCATION & ACCESS

E.L. 701 lies approximately 230 kilometres north-west of Alice Springs, Northern Territory.

Access to the area is by sealed Stuart Highway for 20 kilometres north of Alice Springs and thence 230 kilometres north-westerly on the Yuendumu Beef road. Access within the area is by unformed station tracks, roads beside fence lines and seismic tracks.

TOPOGRAPHY & CLIMATE

E.L. 701 is flat-lying and almost completely covered by alluvium but small low, rounded outcrops occur in the southern part of the block. Mulga is common and thickly covers alluviated sections.

There are no permanent streams. A desert climate prevails with hot summers (temperatures rising above 40°C) and mild pleasant winters. Rainfall, normally less than 15 cms per annum, generally falls from thunderstorms during the summer months (November to the end of February).

HISTORY & PREVIOUS INVESTIGATIONS

All previous work on E.L. 701 is documented in the Annual Report for E.L. 701, Uldirra, for years ending 17th July, 1975 and 1976.

INVESTIGATIONS IN THE YEAR TO 17th JULY, 1977.

Although previous drilling had failed to determine the cause of Track Etch anomalies, rocks having characteristics considered favourable for uranium mineralization were found. The 1976-77 programme was thus aimed at determining the position and thickness of the prospective horizon.

Five holes were drilled along a north-south oriented Track Etch line which contained the previously drilled holes UPH 3 and 4, both of which intersected potentially uraniferous light-coloured Mount Eclipse Sandstone.

UPH 6 was drilled 200 m. north of UPH 4 (up dip) and similarly intersected bluish-grey sandstone, extending to the bottom of the hole.

UPH 7 consequently, was drilled 200 m. north and again light coloured rocks were found.

UPH 8 was then collared some 350 m. further up dip but found only red, unfavourable lithologies hence UPH 9 was located some 200 m. to the south but it too intersected unfavourable red sandstone and shales.

Finally, UPH 10 was drilled a further 100 m. south and passed through the favourable white into red sandstone, thus establishing the lower limit of the favourable unit.

All holes were geophysically logged but none proved anomalously radioactive. Correlation between holes was not possible as, from consideration of holes UPH 9 and UPH 10, the dip must exceed 39°, and thus, taking into account the distance between drillholes, beds will not be intersected in more than one drillhole. (Beds found in outcrop south of the E.L., dip at 46° to the south).

The drilling thus may be said to have indicated a white, prospective unit dipping at an angle of greater than 39° to the south and having a thickness, if no structural thickening has occurred, in excess of 410 m.

REFERENCES

HENSTRIDGE, D.A. 1975 Annual Report for E.L. 701, Uldirra, for year ending 17th July, 1975. Central Pacific Minerals N.L. Report No. N.T. - 130.

1975 The Results of Follow-up Track Etch Surveys and Associated Reconnaissance Drilling in the Ngalia Basin, Northern Territory. Central Pacific Minerals N.L. Report No. N.T. - 144.

1976 Annual Report for E.L. 701, Uldirra, for year ending 17th July, 1976. Central Pacific Minerals N.L. Report No. N.T. 154.

TABLE 1

DRILLING DETAILS

HOLE	DEPRESSION	T.D. (m)	RESULTS.
UPH 6	90 deg	60	Barren
UPH 7	90	54	"
UPH 8	90	30	"
UPH 9	90	12	"
UPH 10	90	24	"

Location of the above holes are shown on the accompanying maps together with copies of relevant geophysical logs.

Appendix 1

Geological Logs UPH 6-10

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-32 LOG HOLE No. UPH6. COORDINATES

LOCATION VADIRRA COLLAR RL

ANGLE FROM HORIZONTAL 90° DIRECTION

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
				SAND AND ALLUVIUM.	m	
	2				m	
			3.00			
				SANDSTONE VERY PALE ORANGE - PALE YELLOWISH ORANGE FINE - MEDIUM GRAINED. Tr MICA.	m	
	4				m	
			4.50			
				SANDSTONE, VERY PALE ORANGE MEDIUM TO COARSE GRAINED WITH INTERBEDS OF MODERATE RED FINE GRAINED SANDSTONE Tr. PEBBLES, FERRUGINOUS		
			5.50			
	6			SANDSTONE VERY PALE ORANGE - PALE GREENISH YELLOW. MEDIUM TO COARSE GRAINED. Tr PEBBLES. Tr DARK YELLOWISH ORANGE AND GREENISH GRAY SHALE FRAGMENTS. Tr. FELSPAR.		
	8					
	10		10.00			
				SANDSTONE PALE GREENISH YELLOW. MEDIUM GRAINED. Tr ORANGE PINK FELSPAR.		
			11.50			
	12			SANDSTONE GRAYISH ORANGE PINK. MEDIUM TO COARSE GRAINED Tr PEBBLES. Tr MUSCOVITE MICA. ORANGE PINK FELSPAR GREENISH GRAY CLAY PELLETS	m	
			13.00		m	
				SANDSTONE PINKISH GRAY TO YELLOWISH GRAY MEDIUM GRAINED FINING DOWNWARDS TO MEDIUM (FINE). Tr PEBBLES (SMALL) AND DUSKY YELLOW GREEN SHALE FRAGMENTS. Tr. ORANGE PINK FELSPAR AND MICA. VERY CALCAREOUS		
	14					
	16					
	18					
	20					

DRILL No. OPN 559

TYPE FORMOBILE B40

DRILLER ASHTON (ROCKDRILL)

Commenced 9-2-77

Completed 10-7-77

GEOPHYS. LOG LITHO ONLY M.P

NOTES 200 M. NORTH OF UPH 4.
0-60 M. PERCUSSION.

WATER TABLE 5.0 m

DEPTH OF WEATHERING 13-14m

LOGGED BY D.G.M

DRAWN BY D.G.M

CHECKED BY

SHEET 1 OF 3 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-32
LOCATION UDIRRA

LOG HOLE No. UPH6

COORDINATES
COLLAR RL
ANGLE FROM HORIZONTAL 90° DIRECTION

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	22		22·50	SANDSTONE PINKISH GRAY - MODERATE ORANGE. MEDIUM TO COARSE GRAINED ORANGE PINK FELSPAR. Tr PEBBLES AND MICA VERY CALCAREOUS.		
	24		23·50	SANDSTONE LIGHT BLUISH GRAY MEDIUM TO FINE GRAINED. CHIPS GREENISH GRAY TO LIGHT GREENISH GRAY. Tr. ORANGE PINK FELSPAR. SILTSTONE INTERBEDS TOWARDS BASE, MICACEOUS MEDIUM DARK GRAY. VERY CALCAREOUS		
	26		26·50	SANDSTONE LIGHT BLUISH GRAY. MEDIUM GRAINED. Tr. MICA AND FELSPAR. VERY CALCAREOUS. BLACK SHALE FRAGMENTS.		
	28					
	30			DARK GRAY TO BLACK SHALE AND SILTSTONE INTERBEDS OR FRAGMENTS		
				SMALL GREENISH GRAY SHALE FRAGMENTS		
	32					
	34		33·50	SANDSTONE LIGHT BLUISH GRAY. MEDIUM TO COARSE GRAINED VERY CALCAREOUS Tr. CARBONACEOUS MATTER AND ORANGE PINK FELSPAR		
	36		35·00	SANDSTONE SILTSTONE AND SHALE OLIVE GRAY TO LIGHT OLIVE GRAY Tr. BROWNISH GRAY AND GRAYISH OLIVE GREEN COLOURS VERY CALCAREOUS AND MICACEOUS. ABUNDANT WOOD FRAGMENTS AND CARBONACEOUS MATTER		
	38					
	40		39·50	SANDSTONE LIGHT BLUISH GRAY TO MEDIUM BLUISH GRAY. DARK GRAY TO BLACK SHALE AND SILTSTONE FRAGMENTS VERY CALCAREOUS		

DRILL No. ORN 559
TYPE FOXMOBILE B40
DRILLER ASHTON (ROCKDRIL)
Commenced 9-7-77
Completed 10-7-77
GEOPHYS. LOG. LITHO
M.D.

NOTES

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY D.G.M.
DRAWN BY D.G.M.
CHECKED BY
SHEET 2 OF 3 SHEETS

FORM 10

CENTRAL PACIFIC MINERALS N.L.

PROJECT N1-32
LOCATION UNDIRRA
LOG HOLE No. UPH 6
COORDINATES
COLLAR RL
ANGLE FROM HORIZONTAL ..... DIRECTION .....

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
				SANDSTONE AS ABOVE. DECREASE IN SHALE AND SILTSTONE FRAGMENTS		
	43					
	44		44.00			
				SHALE AND SILTSTONE GREENISH GRAY TO OLIVE GRAY MICACEOUS		
			45.00	INTERBEDS OR FRAGMENT HORIZON?		
				SANDSTONE LIGHT BLUISH GRAY TO MEDIUM BLUISH GRAY TR GREENISH GRAY TO OLIVE GRAY SHALE AND SILTSTONE FRAGMENTS VERY CALCAREOUS.		
	46					
	48					
	50					
	52					
	54					
	56					
	58					
	60			TD		

DRILL No. OPN 559
TYPE FOXMOBILE B40
DRILLER ASHTON - ROCKDRIL
Commenced 9-7-77
Completed 10-7-77
GEOPHYS. LOG LITHO ONLY
M.D.

NOTES

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY D.G.M.
DRAWN BY D.G.M.
CHECKED BY .....
SHEET 3 OF 3 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-32 LOG HOLE No. UPH 7 COORDINATES

LOCATION ULDIRRA COLLAR RL

ANGLE FROM HORIZONTAL 90° DIRECTION

Casing	Scale Depth	Rec Run	METRES From	METRES To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
					ALLUVIUM AND SAND	M	
	2					M	
	4			4.00			
			4.00	5.00	SANDSTONE GRAYISH ORANGE - DARK YELLOWISH ORANGE FERRUGINOUS, Tr. MICA. MEDIUM - COARSE, GRAINED.	m	
			5.00	6.00	SANDSTONE YELLOWISH GRAY - VERY PALE ORANGE & MEDIUM TO COARSE GRAINED Tr. RED BROWN SILTSTONE FRAGMENTS, Tr MICA, Tr. FELSPAR	Δ	
	6		6.00		SANDSTONE GRAYISH ORANGE MEDIUM GRAINED WITH SOME SILTSTONE AND FINE SANDSTONE INTERBEDS,	M	
	8					M	
	10			10.00		M	
			10.00		SANDSTONE YELLOWISH GRAY FINE - MEDIUM GRAINED. SILTSTONE & SHALE INTERBEDS OR FRAGMENTS (GRAYISH GREEN) SILT & SHALE FRAGMENTS DECREASE DOWNWARDS. Tr MICA & FELSPAR.	D	
	12					Δ	
				13.00		Δ	
			13.00		SANDSTONE YELLOWISH GRAY, MEDIUM TO COARSE GRAINED. LIGHT OLIVE GRAY SHALE FRAGMENTS. ORANGE PINK FELSPAR Tr. MUSCOVITE & BIOTITE MICA. SHALE FRAGMENTS INCREASE DOWNWARDS. VERY CALCAREOUS	Δ	
	14					M	
						Δ	
	16					M	
						Δ	
	18					Δ	
				19.00		Δ	
			19.00		SANDSTONE YELLOWISH GRAY TO VERY PALE ORANGE FINE GRAINED WITH SHALE & SILTSTONE INTERBEDS, VERY CALCAREOUS, MICACEOUS		
	20						

DRILL No. OPN 559

TYPE Foremost B40

DRILLER Ashton - Rockdrill

Commenced 10-7-77

Completed 10-7-77

GEOPHYS. LOG Lith. M.D.

NOTES 0 - 54 m. PERCUSSION. SAMPLE FOR PALYNOLOGICAL INVESTIGATION NT-32/32.

WATER TABLE 53 m

DEPTH OF WEATHERING 13 m

LOGGED BY D.G.M.

DRAWN BY D.G.M.

CHECKED BY

SHEET 1 OF 3 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

LOG HOLE No. UPH 7.

COORDINATES ....

COLLAR RL ....

PROJECT ....

LOCATION ULDIRRA

ANGLE FROM HORIZONTAL 90° DIRECTION ....

Scale Depth	From / To (Metres)	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.)	Sample No.
22	22.00	SANDSTONE YELLOWISH GRAY - LIGHT BLUISH GRAY. FINE TO MEDIUM GRAINED. ORANGE PINK FELSPAR AND MUSCOVITE.	
24			
26	26.50	SANDSTONE, SILTSTONE AND SHALE LIGHT BLUISH GRAY TO MEDIUM BLUISH GRAY Tr. GRAYISH ORANGE. VERY FINE GRAINED VERY MICACEOUS (MUSCOVITE AND BIOTITE) CARBONACEOUS WOOD FRAGMENTS.	
28			NT-32 32
	29.50	SANDSTONE YELLOWISH GRAY GRADES TO LIGHT BLUISH GRAY DOWNWARDS. MEDIUM TO FINE GRAINED Tr. MICA + ORANGE PINK FELSPAR WOOD AND GREENISH BLACK MICACEOUS SILTSTONE FRAGMENTS.	
30			
	31.00	SANDSTONE YELLOWISH GRAY FINE GRAINED INTERBEDDED SHALE AND SILTSTONE AT TOP, DECREASES DOWN. SHALE FRAGMENTS MEDIUM BLUISH GRAY MICACEOUS	
32			
34			
36			
38			
	39.50	SILTSTONE SHALE + SANDSTONE INTERBEDDED, LIGHT BLUISH GRAY to MEDIUM BLUISH GRAY Tr. GREENISH GRAY.	
40			

DRILL No. OPN 659

TYPE FOXMOBILE B40

DRILLER ASHTON - ROCKDRIL

Commenced ....

Completed ....

GEOPHYS. LOG ....

NOTES

WATER TABLE ....

DEPTH OF WEATHERING ....

LOGGED BY DGM

DRAWN BY DGM

CHECKED BY ....

SHEET 2 OF 3 SHEETS

CENTRAL PACIFIC MINERALS N.L.

PROJECT .....
LOCATION ULDIRRA.....

LOG HOLE No. UPH 7

COORDINATES .....
COLLAR RL .....

ANGLE FROM HORIZONTAL 90° DIRECTION .....

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
				MICACEOUS TR. CARBONACEOUS MATTER		
	42					
	44					
	46		46.00 Extra			
				SANDSTONE YELLOWISH GRAY - LIGHT OLIVE GRAY. INCREASE IN INTERBEDDED SILTSTONE & SHALE DOWN. FINE GRAINED. MICACEOUS.		
	48					
	50		50.00			
				SILTSTONE, SHALE & SANDSTONE YELLOWISH GRAY - LIGHT OLIVE GRAY. VERY MICACEOUS (MUSCOVITE & BIOTITE).		
	52					
	54		54.00	T.D.		
	56					
	58					
	60					

DRILL No. OPN 559
TYPE FOXMOBILE B40
DRILLER ASHTON ROCKDRILL
Commenced .....
Completed .....
GEOPHYS. LOG .....
.....

NOTES

WATER TABLE .....
DEPTH OF WEATHERING .....

LOGGED BY DGM
DRAWN BY DGM
CHECKED BY .....
SHEET 3 OF 3 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-32
LOCATION ULDIRRA
LOG HOLE No. UPH 9
COORDINATES
COLLAR RL
ANGLE FROM HORIZONTAL 90° DIRECTION

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
				SAND ALLUVIUM		
	2					
			3.00			
				SANDSTONE MODERATE ORANGE PINK - LIGHT RED. FERRUGINOUS KAOLINITIC. TR MICA. MEDIUM GRAINED.		
	4					
	6					
	8					
	10					
	12					
			13.00			
				SANDSTONE AS ABOVE MEDIUM to COARSE GRAINED to PEBBLES SMALL PINKISH GRAY CLAY FRAGMENTS		
	14					
	16					
	18					
				ABUNDANT PEBBLES		
	20					

DRILL No. OPN 559
TYPE ~~ACKTON~~ FOXMOBILE B40 - ROCKDRIL
DRILLER ~~ASHTON~~ - ROCKDRIL
Commenced 10-2-77
Completed 10-2-77
GEOPHYS. LOG LITHO

NOTES 0-30m PERCUSSION.

WATER TABLE >30m
DEPTH OF WEATHERING 13-14m

LOGGED BY D.G.M.
DRAWN BY D.G.M.
CHECKED BY
SHEET 1 OF 2 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-32
LOCATION ULIDIRRA

LOG HOLE No. UPH 6

COORDINATES
COLLAR RL

ANGLE FROM HORIZONTAL DIRECTION

Casing	Scale Depth	Rec Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	23		23.50			
	24			SILTSTONE, SHALE, SANDSTONE INTERBEDDED PALE REDDISH BROWN - MODERATE RED. GD MICACEOUS.		
	26		26.50	SANDSTONE PALE RED MEDIUM GRAINED.		
	28		29.00	SILTSTONE SHALE & SANDSTONE PALE REDDISH BROWN - MODERATE RED MICACEOUS		
	30		30.00	TD		

DRILL No. ORN 559
TYPE FOXMOBILE B40
DRILLER ASHTON - ROCKDRIL
Commenced 10-7-77
Completed 10-7-77
GEOPHYS. LOG LITHO

NOTES

WATER TABLE
DEPTH OF WEATHERING

LOGGED BY D.G.M.
DRAWN BY D.G.M.
CHECKED BY
SHEET 2 OF 2 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT NT-32

LOCATION ULDIRRA

LOG HOLE No. UPH 9

COORDINATES

COLLAR RL

ANGLE FROM HORIZONTAL 90° DIRECTION

Casing	Scale Depth	Rec / Run	METRES From / To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
				SAND AND ALLUVIUM.		
	2		3.00	SANDSTONE PALE RED TO LIGHT RED MEDIUM TO FINE GRAINED TR KAOLIN AND MUSCOVITE MICA.		
	4					
	6		6.50	SHALE AND SILTSTONE MODERATE RED TO MODERATE REDDISH BROWN INTERBEDDED FINE GRAINED SANDSTONE BECOMES DOMINANT DOWN. KAOLINITIC, MICACEOUS		
	8					
	10		10.50	SANDSTONE AND SILTSTONE MODERATE RED TO MODERATE REDDISH BROWN. FINE GRAINED. MICACEOUS.		
	12		12.00	TD.		
	14					
	16					
	18					
	20					

DRILL No. OPN 559

TYPE FOXMOBILE B40

DRILLER ASHTON - ROCKDRIL

Commenced 10-7-77

Completed 10-7-77

GEOPHYS. LOG ALTHO ONLY

N.D.

NOTES 150m NORTH OF UPH 7.

WATER TABLE >12m

DEPTH OF WEATHERING

LOGGED BY D.G.M.

DRAWN BY D.G.M.

CHECKED BY

SHEET 1 OF 1 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT N.T.-32
LOCATION ULDIRRA

LOG HOLE No. UPH 10

COORDINATES
COLLAR RL
ANGLE FROM HORIZONTAL -90° DIRECTION

Casing	Scale Depth	Rec Run	METRES From	METRES To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
					SAND AND ALLUVIUM.		
	2			2·50	SANDSTONE GRAYISH ORANGE TO DARK YELLOWISH ORANGE GRADING TO VERY PALE ORANGE DOWNWARDS, MEDIUM TO COARSE GRAINED. PEBBLE FROM 7-10m. MICACEOUS. GRAYISH ORANGE SILT AND SHALE FRAGMENTS. MODERATE ORANGE PINK FELSPAR. Tr CARBONACEOUS MATTER.		
	4						
	6						
	8						
	10			10·50	SHALE, SILTSTONE & SANDSTONE INTERBEDDED PALE YELLOWISH ORANGE TO DARK YELLOWISH ORANGE, MICACEOUS. Tr CARBONACEOUS MATTER.		
	12						
				13·50	SHALE, SILTSTONE AND SANDSTONE, PALE RED, SANDSTONE MEDIUM GRAINED TOWARDS BASE Tr CARBONACEOUS MATTER		
	14						
				15·00	AS ABOVE Tr PEBBLES		
	16			16·00	SANDSTONE GRAYISH ORANGE PINK TO PALE RED. ABUNDANT DARK YELLOWISH ORANGE SHALE FRAGMENTS MEDIUM GRAINED PEBBLES AT BASE, CALCAREOUS		
	18						
				18·50	SANDSTONE PALE RED MEDIUM TO COARSE GRAINED. Tr PEBBLES Tr ORANGE PINK FELSPAR CALCAREOUS		
	20						

DRILL No. OPN 559
TYPE FOXMOBILE B40
DRILLER ASHTON - ROCKDRIL
Commenced 13-7-77
Completed 14-7-77
GEOPHYS. LOG LITHO ONLY
M.I.R.

NOTES 50 M NORTH OF UPH 7.
0-24m PERCUSSION.

WATER TABLE 7.24m
DEPTH OF WEATHERING 14m APPROX.

LOGGED BY D.G.M.
DRAWN BY D.G.M.
CHECKED BY
SHEET 1 OF 2 SHEETS

FORM 103

CENTRAL PACIFIC MINERALS N.L.

PROJECT N.T. 32
LOCATION KADJIRRA

LOG HOLE No. UPH 10

COORDINATES
COLLAR RL
ANGLE FROM HORIZONTAL -90° DIRECTION

Casing	Scale Depth	Rec Run	METRES From	METRES To	DESCRIPTION (Rock type, components, colour, grain size, weathering, alteration, mineralisation, etc.,)	Graphic Log	Sample No.
	23			23.00	SANDSTONE GRAYISH ORANGE PINK TO PALE RED MEDIUM TO FINE GRAINED MICACEOUS TR. CARBONATE		
	24		24.00		T.D.		

DRILL No. DRN 559
TYPE FOXMOBILE B40
DRILLER ASHTON - ROCKDRILL
Commenced 18-7-77
Completed 19-7-77
GEOPHYS. LOG LITHO ONLY
M.D.

NOTES

WATER TABLE
DEPTH OF WEATHERING

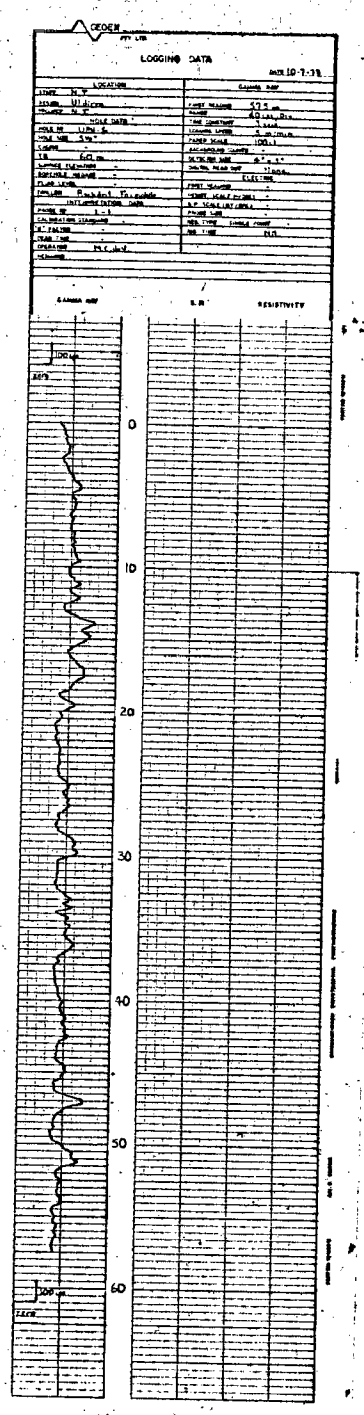
LOGGED BY D.G.M.
DRAWN BY D.G.M.
CHECKED BY
SHEET 2 OF 2 SHEETS

FORM 10

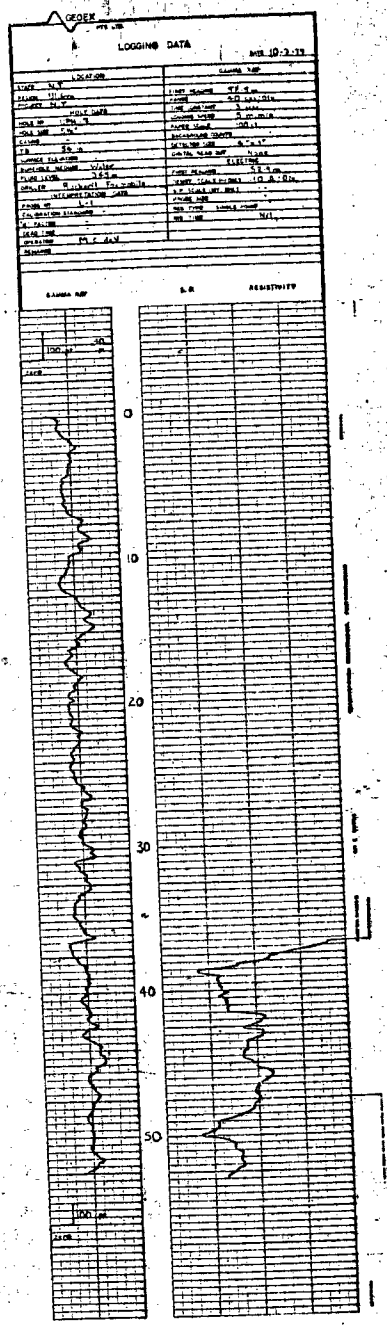
Appendix 2

Geophysical Logs UPH 6-10

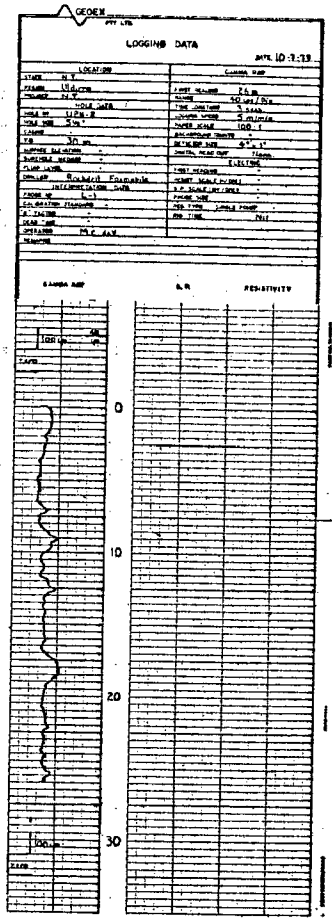
UPH 6


GEOKEM
LOGGING DATA
DATE 10-7-78
LOCATION
GAMMA RAY
INTERPRETATION DATA
GAMMA RAY
S.P.
RESISTIVITY
100 API
0
10
20
30
40
50
60
100 API

UPH7


GEOEX
LOGGING DATA
DATE 10-2-79
LOCATION
GAMMA RAY
S.P.
RESISTIVITY
0
10
20
30
40
50

UPH8


GEOEX
PTY LTD
LOGGING DATA
DATE 10-7-79
LOCATION
HOLE DATA
INSTRUMENTATION DATA
GAMMA RAY
ELECTRIC
GAMMA RAY
S.P.
RESISTIVITY
0
10
20
30

UPH 9

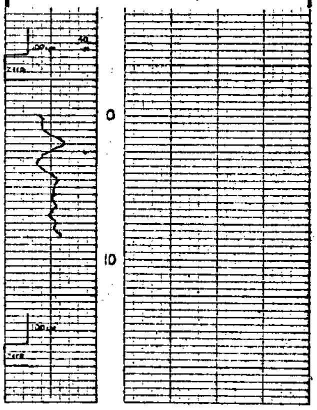
GEOEX PTY LTD

LOGGING DATA

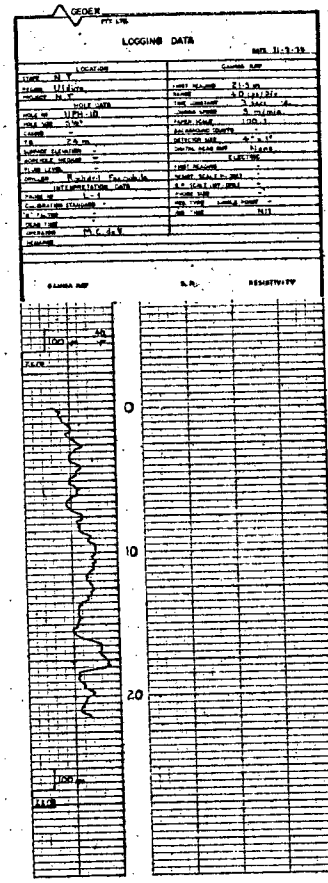
DATE 10-7-79

LOCATION		GAMMA RAY	
STATE	N.T.		
REGION	[illegible]	FIRST READING	1.5 m
PROJECT	N.T.	RANGE	40 [illegible]
HOLE DATA		TIME CONSTANT	3 secs
HOLE No	UPH-9	LOGGING SPEED	5 m/min
HOLE SIZE	5½"	PAPER SCALE	100 : 1
CASING	-	BACKGROUND COUNTS	-
T.D.	17 m	DETECTOR SIZE	[illegible]
SURFACE ELEVATION	-	CENTRAL HEAD AMP	[illegible]
BOREHOLE MEDIUM	?	ELECTRIC	
FLUID LEVEL	-	FIRST READING	-
DRILLER	[illegible]	RESIST. SCALE	-
INTERPRETATION DATA		S.P. SCALE	-
PROBE No	1-1	PROBE SIZE	-
CALIBRATION STANDARD	-	RES TYPE	SINGLE POINT
'K' FACTOR	-	SP TYPE	Nil
DEAD TIME	-		
OPERATOR	[illegible]		
REMARKS			

GAMMA RAY S.P. RESISTIVITY



UPH 10



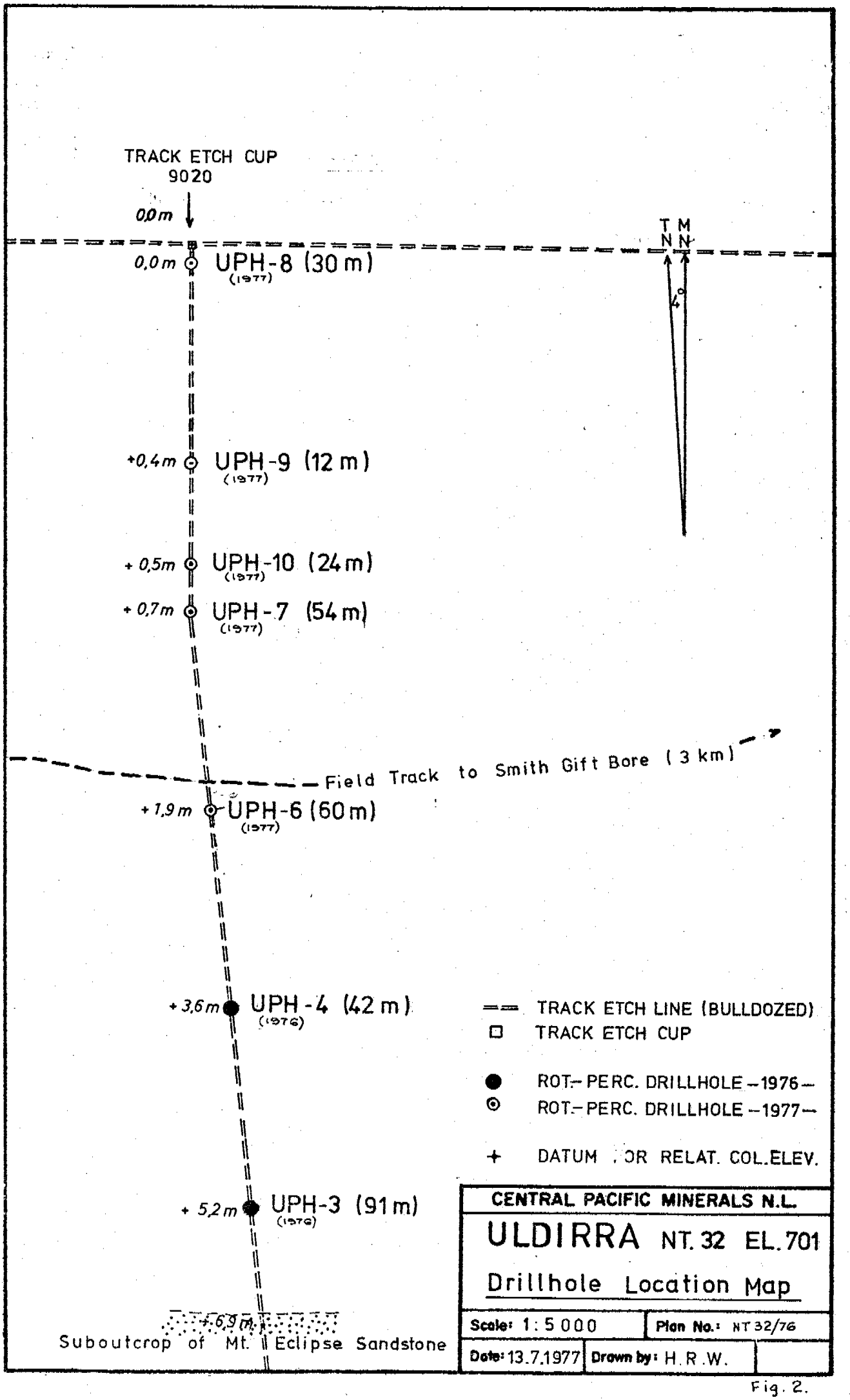

TRACK ETCH CUP
9020
0,0m
0,0m
UPH-8 (30 m)
(1977)
T M
N N
4°
+0,4m
UPH-9 (12 m)
(1977)
+0,5m
UPH-10 (24 m)
(1977)
+0,7m
UPH-7 (54 m)
(1977)
Field Track to Smith Gift Bore (3 km)
+1,9m
UPH-6 (60 m)
(1977)
+3,6m
UPH-4 (42 m)
(1976)
+5,2m
UPH-3 (91 m)
(1976)
+6,9m
Suboutcrop of Mt. Eclipse Sandstone
TRACK ETCH LINE (BULLDOZED)
TRACK ETCH CUP
ROT.- PERC. DRILLHOLE -1976-
ROT.- PERC. DRILLHOLE -1977-
DATUM FOR RELAT. COL.ELEV.
CENTRAL PACIFIC MINERALS N.L.
ULDIRRA NT. 32 EL. 701
Drillhole Location Map
Scale: 1:5000
Plan No.: NT 32/76
Date: 13.7.1977
Drawn by: H.R.W.

Fig. 2.

132°00'

132°05'

132°20'

22°14'

22°18'

22°25'

22°29'

Napperby Run 5

5177

Napperby Run 6

5169

Run 6

Direction bore

ULDIRRA N.T.32

E.L. 701

Smiths gift bore

No. 1 bore

10 Mile bore

5·7 mile

1·0 mile

1·5 mile

0·5 mile

1·7 mile

3·0 mile

T. M. M/M.

4°10

ANOMALY 'D'

UPH 1 - TD 32m

UPH 2 - TD 38m

See Drillhole Location Map NT32/76 (1:5,000)

to ALICE SPRINGS

LEGEND

- pzt — Mt. Eclipse sandstone
- Pzy — Kerridy sandstone
- Puv — Yuendumu sandstone
- pzv — Vaughan Springs quartzite
- pfg — Granite
- Quartz vein
- Fault
- Bore - equiped
- Main road
- Track
- Cross country
- Drainage channels
- Carborne radiometric traverse

>10	Tracks/sq.mm.
>20	" "
>30	" "
>40	" "

UPH 1-5 — Rotary percussion holes - 1976

UPH 6-10 — " " " " - 1977

CENTRAL PACIFIC MINERALS N.L.

ULDIRRA N.T. 32 E.L.701

TRACK ETCH SURVEY CONTOURS AND Radiometrics and geology

Scale: 1 : 46,500					Plan No: NT-32/75				
Date: 15-6-73	Sheet 1 of 1				Drawn by: mfs				
Amendments	X	B	C	D	E	F	G	H	
Drawn by	JGA	JGA							
Date	11/12	10/77							

Fig. 1.