

OPEN FILE

The Director of Mines,
Department of Mines & Energy,
Minerals House,
The Esplanade,
DARWIN, N.T. 5790

BLAKE INVESTMENTS PTY LTD

E.L. 3333 - ANNUAL REPORT, 18.6.84 to 18.6.85

Location:

- Area No 1: Limestone outcrops were located 1.8 kilometres east of the Elsey Station turnoff. Outcrops occurred for approximately 250 metres from the Highway north and 200 metres east.
- Area No 2: Limestone caves in creek bed 6.3 kilometres on track to Roper Falls, bearing approximately 026°M from Roper Highway/Salt Creek intersection.
- Area No 3: Chalk deposits in borrow pit, 1.0 kilometre west and 100 metres south of Little Roper River adjacent to Mataranka homestead Road.

Access:

- Area No 1 - by the Roper Highway (Sealed).
Area No 2 - by bush track from Salt Creek/Roper Highway intersection to Roper Falls.
Area No 3 - by sealed road to Mataranka Homestead.

Geology:

Limestone outcrops in the areas are ascribed to as Tindall Limestone of Middle Cambrian age.

Sampling:

Surface samples were taken at the locations indicated from areas No 1 & No 2. Three holes were drilled by auger on area No 3.
Assaying was carried out by the Mines Department laboratory at the 13 mile and the results are attached. Samples from Auger drilling are located at 13 Langton Road, Howard Springs.

.../2

Drill Rig:

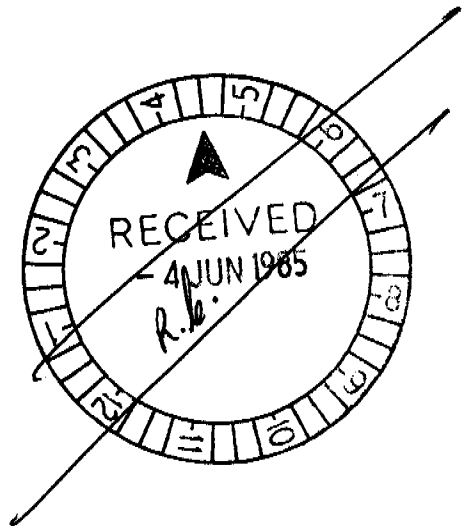
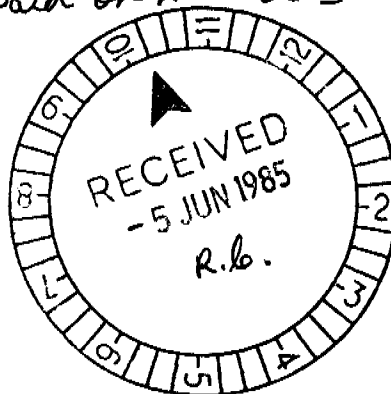
Blake Investments M.F. Tractor mounted proline auger.
3" diameter.

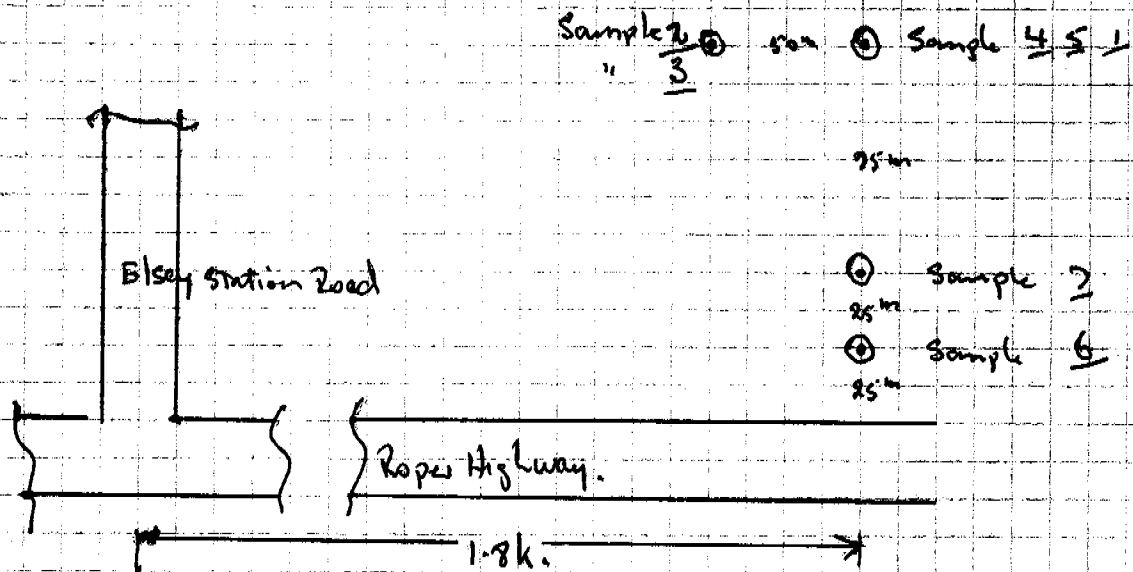
Further surface sampling will be carried out during
the next 12 months with drilling to follow in any
potential areas identified. It is anticipated that
a minimum of \$5,000 will be spent prospecting the
area.

M.E. Blake

M.E. BLAKE

Rent paid on EA 3333
OR 964130
\$2,000



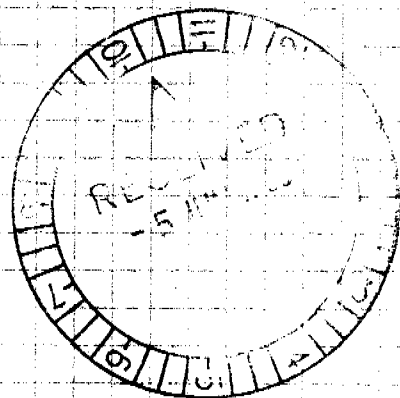


AREA No 1

		CaCO ₃	MgCO ₃	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃
Sample No 1	1.2 metres below surface	80.0	10.1	0.1	0.2	0.3
" " 2	Surface	86.2	13.9	0.1	0.3	0.5
" " 3	0.5m below surface	74.5	23.6	0.1	0.3	0.6
" " 4	Surface	98.0	1.2	0.2	0.5	0.3
" " 5	0.5m below surface	92.9	1.4	1.0	3.1	0.9
" " 6	Surface	83.2	16.4	0.3	0.9	0.4
" " 7	Surface	78.7	0.8	1.9	17.2	1.3

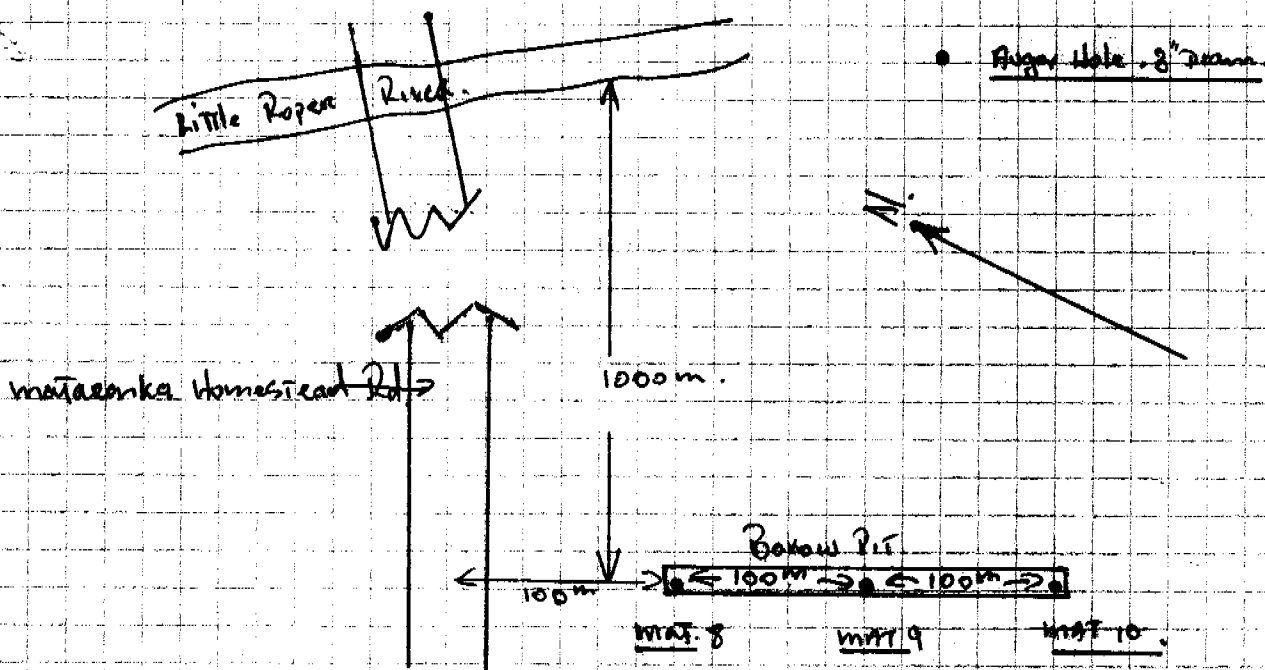
AREA No 2

Sample No 8	Surface	85.9	4.3	1.5	8.0	0.6
" " 9	2.0m below surface on face	92.8	4.5	0.3	1.3	0.3
" " 10	4.5m below surface on face	87.7	.0	0.8	3.9	0.4



AREA No 3

42



		CaCO ₃ %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	MgCO ₃ %
MAT 8	0.6 - 1.1	87.6	10.5	1.3	0.7	0.8
	1.1 - 1.6	86.1	11.2	1.5	0.8	1.1
	1.6 - 2.5	80.2	13.7	2.6	1.1	1.6
	2.5 - 3.4	74.9	15.0	2.8	1.1	2.7
	3.4 - 4.5	72.7	16.	3.0	1.1	2.7
	4.5 - Rock	69.6	18.9	3.4	1.2	2.6
MAT 9	0.6 - 1.5	90.7	7.4	1.0	0.7	2.4
	1.5 - 2.5	90.4	7.5	1.0	0.7	1.8
	2.5 - 3.4	86.9	8.8	1.1	0.8	1.7
	3.4 - 4.5	83.5	10.9	1.3	0.9	1.6
	4.5 - 5.4	82.2	11.6	1.6	1.1	1.7
	5.4 - 6.5	85.7	10.1	1.9	0.9	1.5
MAT 10	6.5 - 6.9	84.2	9.1	1.7	0.5	1.2
	0.6 - 1.5	88.3	8.2	0.7	0.5	1.2
	1.5 - 2.4	90.3	6.3	0.9	0.7	1.4
	2.4 - 3.5	91.1	6.1	1.0	0.4	2.1
	3.5 - 4.4	86.4	8.6	1.0	0.7	1.1
	4.4 - 5.5	87.4	9.2	0.9	0.7	1.3
	5.5 - 6.4	91.7	6.2	0.7	0.6	1.1
	6.4 - Rock	88.5	7.1	0.8	0.6	1.2

POSSIBLE EXPENDITURE REPORTING FORMAT

Major activity	Staff salaries	Staff wages	Consultants/ contractors' fees	Travel			Field Accom.	Field Equip.	Office Equip.	Other	Sub- Totals
				Vehicles	Other	Accom.					
Geology	2600			450	560			42.36	25.00		3677.36
Geochemistry											
Geophysics											
Access											
Gridding	200			45	140						385.00
Drilling: - diamond - other	2500			200	420			75.00			3195.00
Drafting											
Metallurgy											
Engineering											
Environmental											
Other											
SUBTOTALS											7257.36

TOTAL

7257.36

LOCAL OFFICE OVERHEADS

HEAD OFFICE OVERHEADS

48.00

\$7305.36

G R A N D T O T A L

40

NORTHERN TERRITORY GEOLOGICAL SURVEY
DRILLING SAMPLE RECORD
(see over for explanatory notes)

NAME & ADDRESS OF DRILLING PROJECT SPONSOR (USUALLY LICENSEE)

Blake Investments Pty Ltd.

Box 39210 Winnellie NT 5789

Phone: 831308

NAME & ADDRESS OF STORAGE SITE FOR CORE

13 Langton Rd

Howard Springs NT

Phone: 831308

CATEGORY A, DEEP HOLES

LOCALITY NAME _____

INTERVALS DRILLED (m) _____

INTERVALS RETAINED (m) _____

WELL OR HOLE NAME & NO. _____

CORE _____

TENEMENT NO _____

DEPTH OF HOLE _____ (m)

CUTTINGS _____

DRILLING COMPLETION DATE _____

COMMENTS (if any e.g. driller's) _____

NO OF CORE TRAYS _____

NO OF CUTTINGS SAMPLES _____

CATEGORY B, SHALLOW HOLES

LOCALITY NAME MATARRUKA

TYPE OF DRILLING (specify) Auger

TOTAL NO. OF HOLES 3

TOTAL NO. OF RETAINED SAMPLES 21

PROGRAM IDENTIFICATION (hole prefix) _____

MAT-9-10-B

LOCATION INFORMATION

1:250 000 MAP SHEET NAME _____

1:100 000 SHEET NAME 21/6

1:100 000 SHEET NO. _____
(circle)

1	2	3
4	5	6

1:50 000 SHEET NO. _____
(circle)

IV	I
III	II

1:25 000 SHEET NO. _____
(circle)

NW	NE
SW	SE

(Latitude - Longitude and (where possible) Aust. Map Grid Coordinates)

LAT 14° 56' 00" S LONG 133° 06' 00" E _____ m EAST _____ m NORTH

TECTONIC UNIT (Basin, Block, etc) _____

TITLE NUMBER (Usually E.L. number) EL 3333

Name: Blake Investments Pty Ltd.

Signature: [Signature]

Position: Director

Date: 4-6-85

NTGS USE ONLY

SECURITY

REPORT NUMBER _____

ORG - PLACE CODE _____

DARWIN CORE LOCATION _____

DATE RECEIVED _____

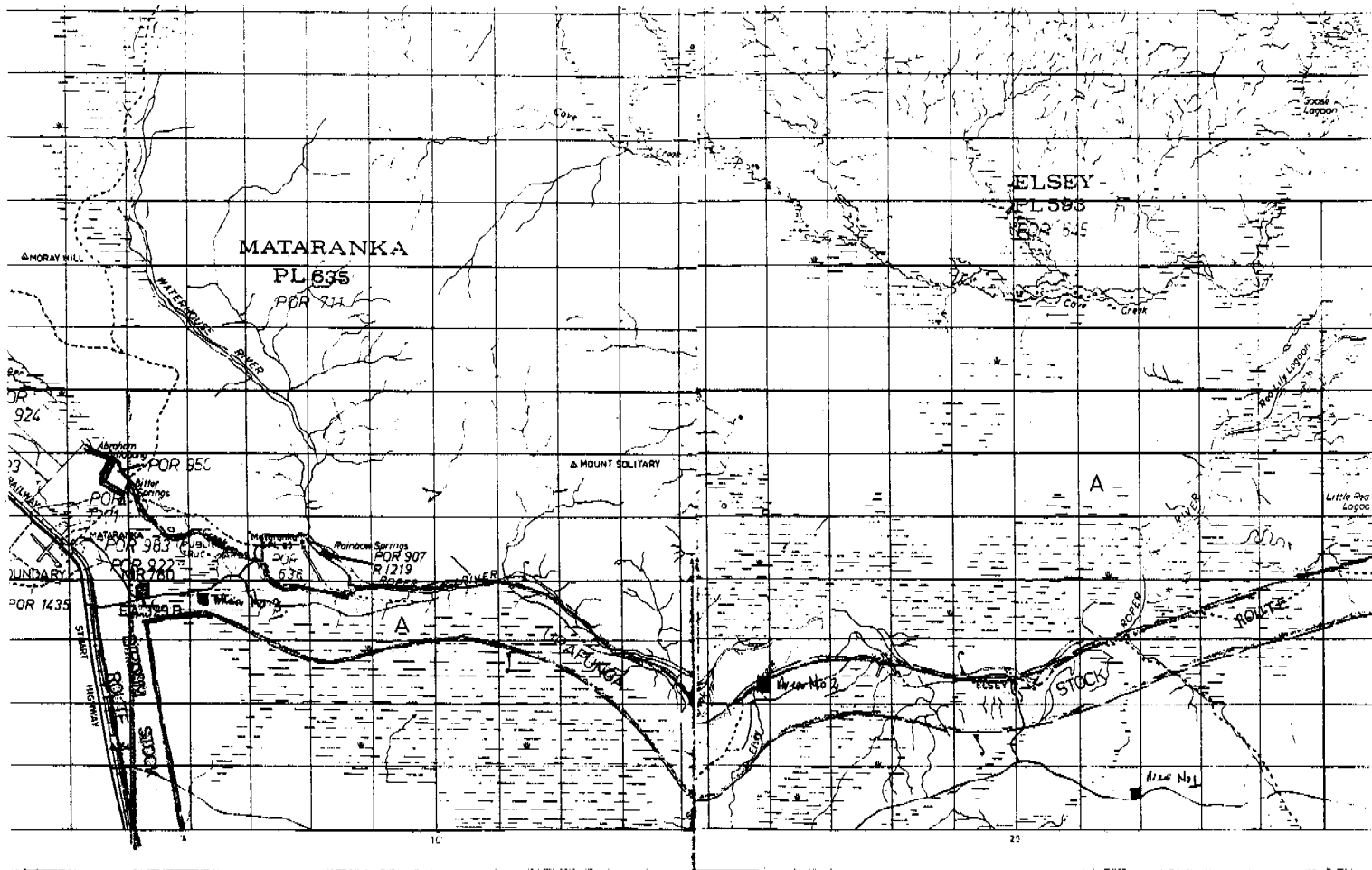
RADIOACTIVE MINERALS PRESENT (circle)

YES/NO

IF YES, SPECIFY:

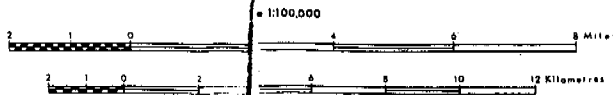
(1) Interval(s) _____

(2) Concentration(s) _____



LEGEND

The Drafting Office of the Mines
 Department has prepared this map
 in the direction of the Chief of the
 Department.



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