

Open File Envelope

No. 2169

EL 10

IFOULD LAKE

**PROGRESS REPORTS TO LICENCE EXPIRY/RENEWAL
FOR THE PERIOD 21/9/1972 TO 20/9/1974**

Submitted by
Pechiney (Australia) Exploration Pty Ltd
1974

© 31/12/1983

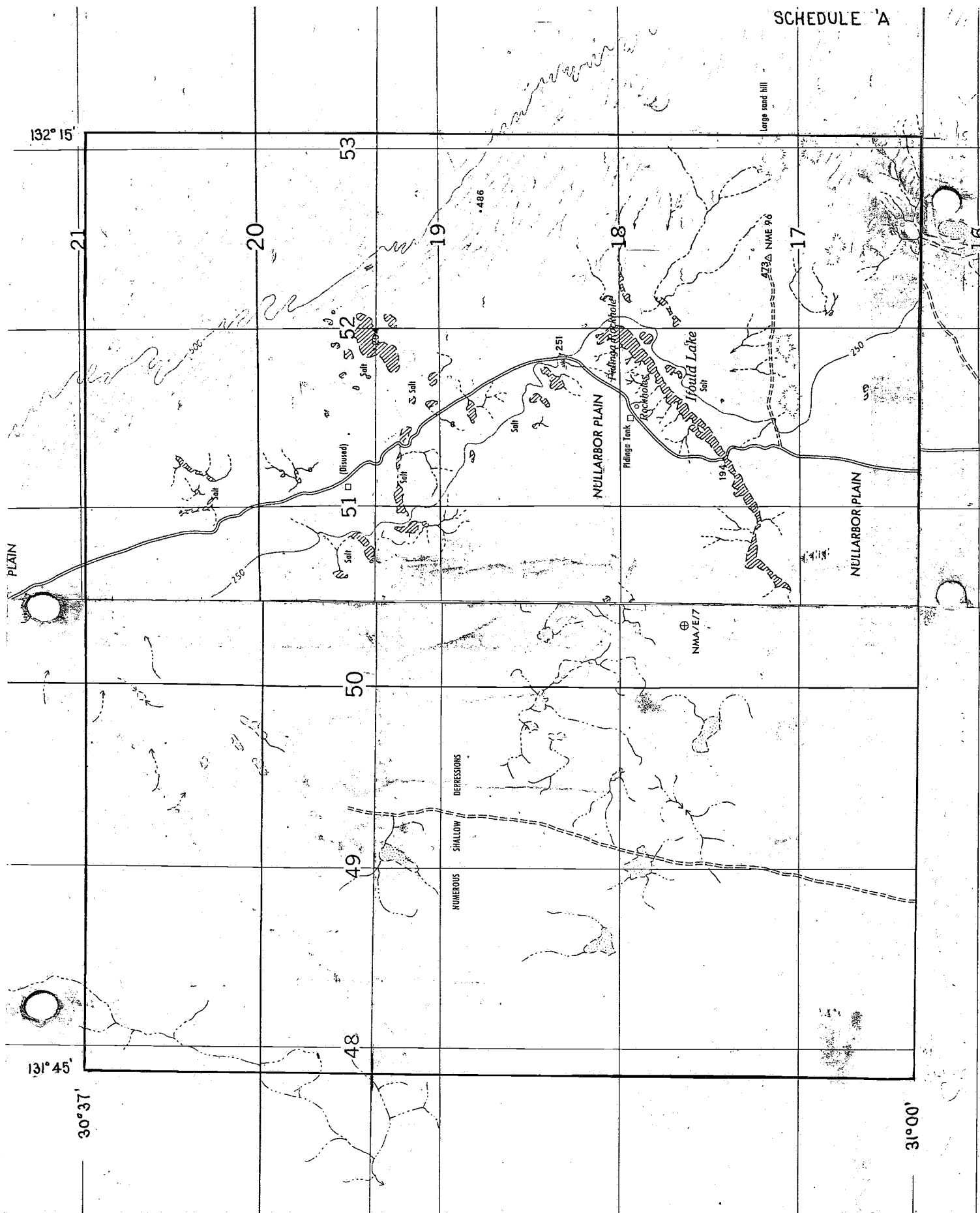
This report was supplied as part of the requirement to hold a mineral or petroleum exploration tenement in the State of South Australia.
PIRSA accepts no responsibility for statements made, or conclusions drawn, in the report or for the quality of text or drawings.
This report is subject to copyright. Apart from fair dealing for the purposes of study, research, criticism or review as permitted under the Copyright Act, no part may be reproduced without written permission of the Chief Executive of Primary Industries and Resources South Australia, GPO Box 1671, Adelaide, SA 5001.

Enquiries: Customer Services Branch
Minerals and Energy Resources
7th Floor
101 Grenfell Street, Adelaide 5000

Telephone: (08) 8463 3000
Facsimile: (08) 8204 1880



Government of South Australia
Primary Industries and Resources SA



SCALE 1:250,000

PECHINEY (AUSTRALIA) EXPLORATION PTY. LIMITED
 DOCKET DM. 757/72 AREA 2029 km²
 1:250000 PLANS BARTON OOLDEA

LOCALITY IFOULD LAKE — 40 km. S. OOLDEA

EL. No. 10

EXPIRY DATE

~~20-9-73~~

20-9-74

0009

PECHINEY
(AUSTRALIA) EXPLORATION PTY. LIMITED

151 MACQUARIE STREET SYDNEY AUSTRALIA ★ TELEX AA 20624 ★ TELEPHONE 27 9469-0

BOX 4473, G.P.O., SYDNEY. 2001

The Director,
Department of Mines S.A.
169 Rundle street
Box 38, Rundle street P.O.
ADELAIDE - S.A. 5000

YOUR REF.
OUR REF. CV/mcg - 0058

Sydney 11th January 1973

Re : E. L. 9 (Ifould Lake) and 10 (Tallacootra Lake), S.A. -
Quarterly Report : October - November - December 1972 -

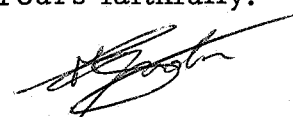
Dear Sir,

No field work was spent on the prospect during the quarter.

Office work has consisted of preliminary study, compiling
Australasian Mining Data and of preparing 1973 drilling campaign.

Our costs to December 31, 1972 are : \$ 5028,95.

Yours faithfully.

P.P. 
(signed in the absence of Mr. Valsardieu)

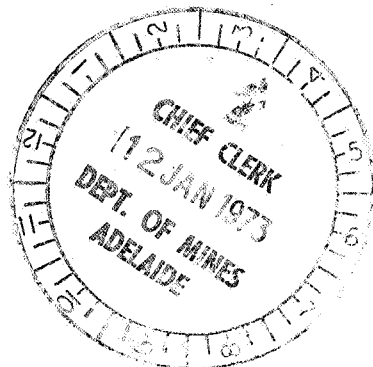
C. VALSARDIEU

Uranium Department Manager

cc : Messrs. Scemama -
Messud-Amade -
Bell -

NOTED

R.K.J. Director of Mines



PECHINEY

(AUSTRALIA) EXPLORATION PTY. LIMITED

151 MACQUARIE STREET SYDNEY AUSTRALIA ★ TELEX AA 20624 ★ TELEPHONE 27 9469-0

BOX 4473, G.P.O., SYDNEY. 2001

The Director,
Department of Mines, S. A.,
Box 38 Rundle Street,
Adelaide. S. A. 5000.



YOUR REF.
OUR REF.

CV/fs-0741

Sydney

2nd May 1973

Re: E. L. 9 (Ifould Lake). S. A. : Quarterly report : January -
February - March 1973.

Dear Sir,

During this quarter work consisted of:-

- preliminary studies, work programme and budget for E. L. 9 (and 10),
- Field studies from 25th February to 25th March.
1 Geologist, 2 Assistant geologists ; studies of the surface radiometric anomalies: gridding.
ground spectrometer survey, geochemical sampling and auger drilling.
- preparing a rotary drilling campaign scheduled in April - May.

Our costs are:

1972:	\$ 3247.75
January - February	
March 1973.	\$ 9621.81



- 2 -

The Director,

2nd May 1973

\$ 12.869,56

Yours faithfully,

A handwritten signature in dark ink, appearing to read 'C. Valsardieu', with a long horizontal stroke extending to the right.C. VALSARDIEU

cc: MM. Faure
Scemama
Messud - Amade
Bell
Accounting Department.

PECHINEY

00 6

(AUSTRALIA) EXPLORATION PTY. LIMITED

151 MACQUARIE STREET SYDNEY AUSTRALIA ★ TELEX AA 20624 ★ TELEPHONE 27 9469-0

BOX 4473, G.P.O., SYDNEY. 2001

The Director,
Department of Mines S. A. ,
Box 38 Rundle Street,
ADELAIDE, S. A. 5000.

YOUR REF.
OUR REF.

CV:lh/1272

Sydney 25th June, 1973.

Re: E. L. 9 (Ifould Lake) S. A. ,
Quarterly report: April, May, June 1973.

Dear Sir,

During this quarter, work consisted of:

- Rotary drilling campaign from 18th April to 29th May.
- Photo-interpretation, reporting and preparing a percussion drilling campaign in June.

Rotary Drilling Campaign:

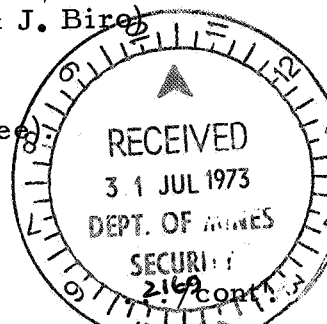
Initially a 5000 metres rotary drilling campaign has been programmed during April and May 1973 for exploring E. L. 9 and 10 (Lake Tallacootra).

Drilling Operators: Austral United Geophysical Pty. Ltd. (BENDIX).

2 Mayhew 1000 rigs
1 shift of ten hours per day per rig
Logging (SP, resistivity, γ Ray)

Geological Control: Pechiney (Australia) Exploration Pty. Ltd.

1 Geologist: Project Manager	(M. Bell)
1 Exploration Geologist	(P. Hugman)
1 Supervisor	(N. Mannoni)
2 Geologist Assistants	(A. Bethuizeau & J. Bire)
1 Draughtsman	(W. Bell)
1 Mechanic	(G. Gregurke)
1 Cook	(Casual Employee)



Statistics: (See Fig. 1 : Drill Hole Location).

Number of Holes	:	17 (PIN-R-2, 3 & 7 to 21)
Metreage (drilling)	:	800.40 m.
" (logging)	:	681.80 m.
" (coring)	:	37.65 m.

The performances are very poor and it has been decided to stop and postpone the programme (see Fig. 8 Initial Drilling Programme).

Main difficulties met by Bendix are:

- drilling through the Nullabor limestone (percussion, caving; P.V.C. casings were needed in many cases).
- drilling through the soft clay-sandstone-liquite Pidinga Formation.
- finding industrial water. The water obtained from Lake Talacootra is very salty.

Geology and Radiometry:

Geology:	See Fig. 2 to 7 (Drill hole profiles).
Radiometry:	See Table 1 (Stratigraphic and radiometric drilling data).
Logs:	See log PIN R2, 3 and 7 to 21

Expenditure:

	<u>Jan. -Mar. 1973</u>	<u>Apr. -Jun. 1973.</u>
General & Administration	\$3584-85	\$11170-50
Staffing Costs	5556-48	\$16140-49
Travel & Accomodation	1027-14	\$ 2344-28
Contract Services & Processing	4-70	12485-36
Lease & Agreement Costs	-	-
Mapping	227-65	162-86
Exploration Vehicles /Material Exp.	2234-99	4811-96
	<u>12635-81</u>	<u>47115-45</u>

<u>Total Expenditure:</u>	1972	\$ 3247-75
Jan - June	1973	59751-26
		<u>\$62999-01</u>

Programme for next quarter:

1. Photo-interpretation to delineate the contact between the Basement and the Pidinga Formation.

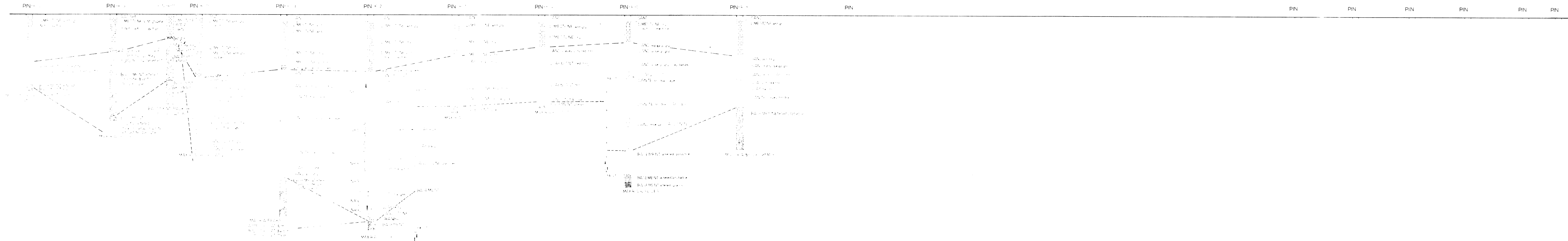
00 8

2. Preparing a new drilling programme.
3. Drilling campaign with a small percussion rig.

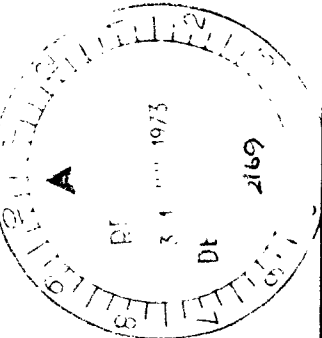
f.o. C. Valsardieu

C. Valsardieu.
Uranium Department Manager.

- encl: ✓ Fig. 1 Drill Hole location at 1:250,000 (E. L. 9 & 10)
✓ Fig. 2 Drill Hole Profile 1
✓ Fig. 3 " 2
✓ Fig. 4 " 3
✓ Fig. 5 " 4
✓ Fig. 6 " 5
✓ Fig. 7 " 6
✓ Table 1: Stratigraphic and radiometric drilling data.
17 logs 20.
✓ Fig. 8 Initial drilling programme (E. L. 9 & 10)

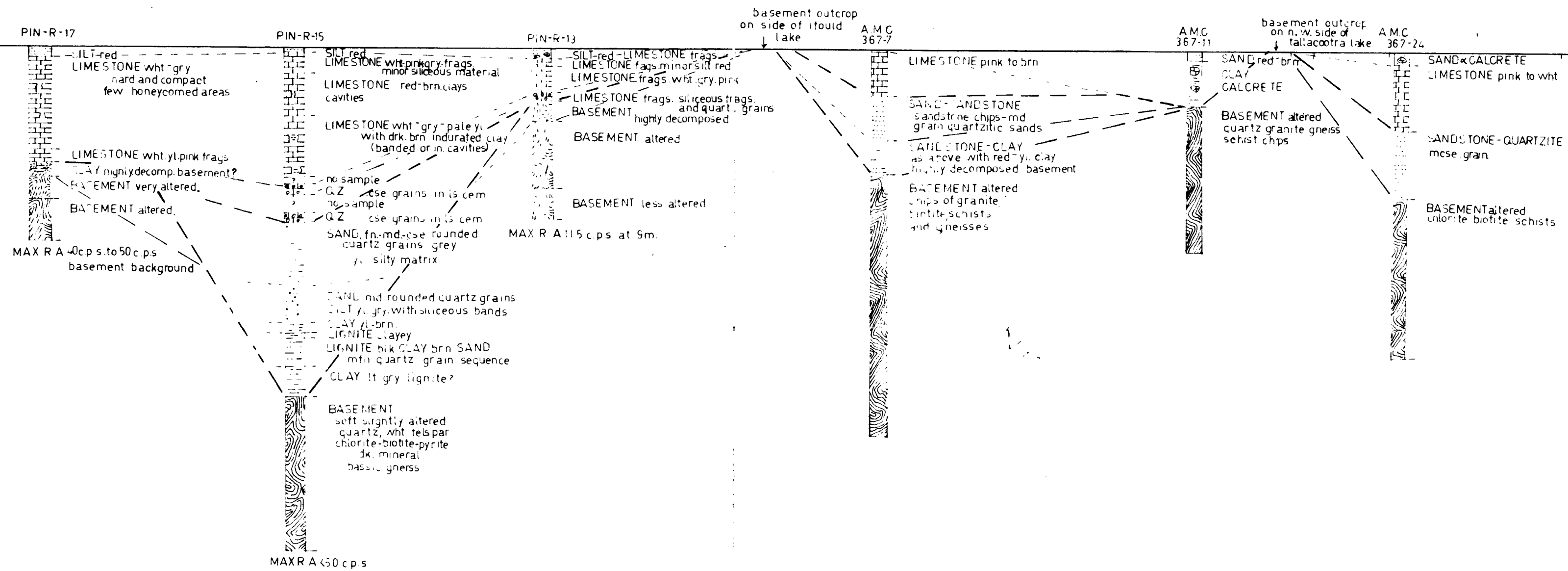


ENV 2169 I-2

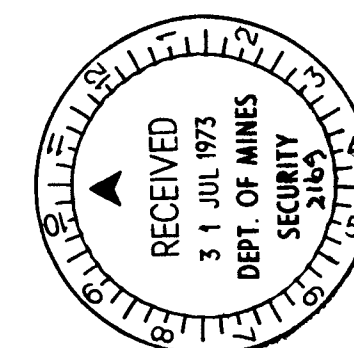


PECHINEY (AUSTRALIA) EXPLORATION PTY LTD			
PIDINGA LAKE (SA) EL 9 & EL 10			
DRILL HOLE PROFILE			
HORIZONTAL SCALE VERTICAL SCALE			
PREPARED BY: <i>[Signature]</i>	SCALE:	PLAN No:	
DRAWN BY: <i>[Signature]</i>	DATE:		

Figure 2

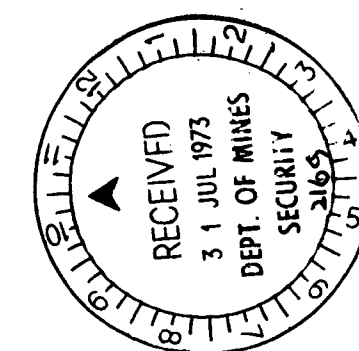
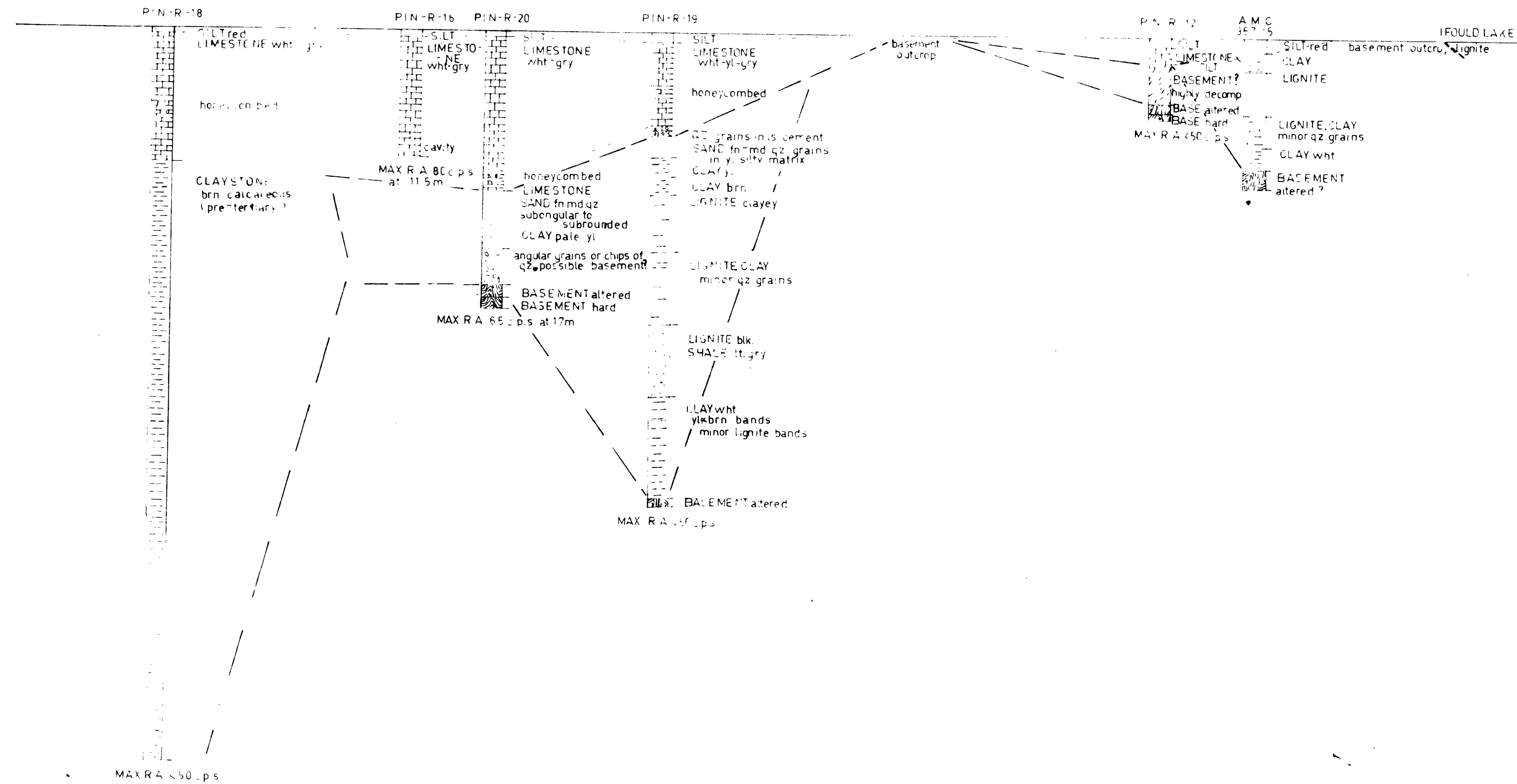


ENV 2169(4)-3



PIDINGA
DRILL HOLE PROFILE No 2
horz scale 1:100,000
vert scale 1:500

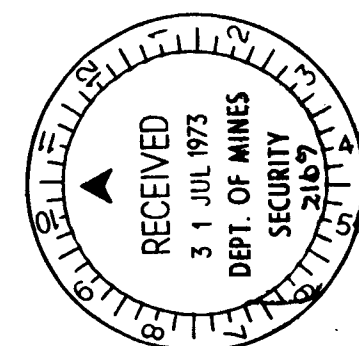
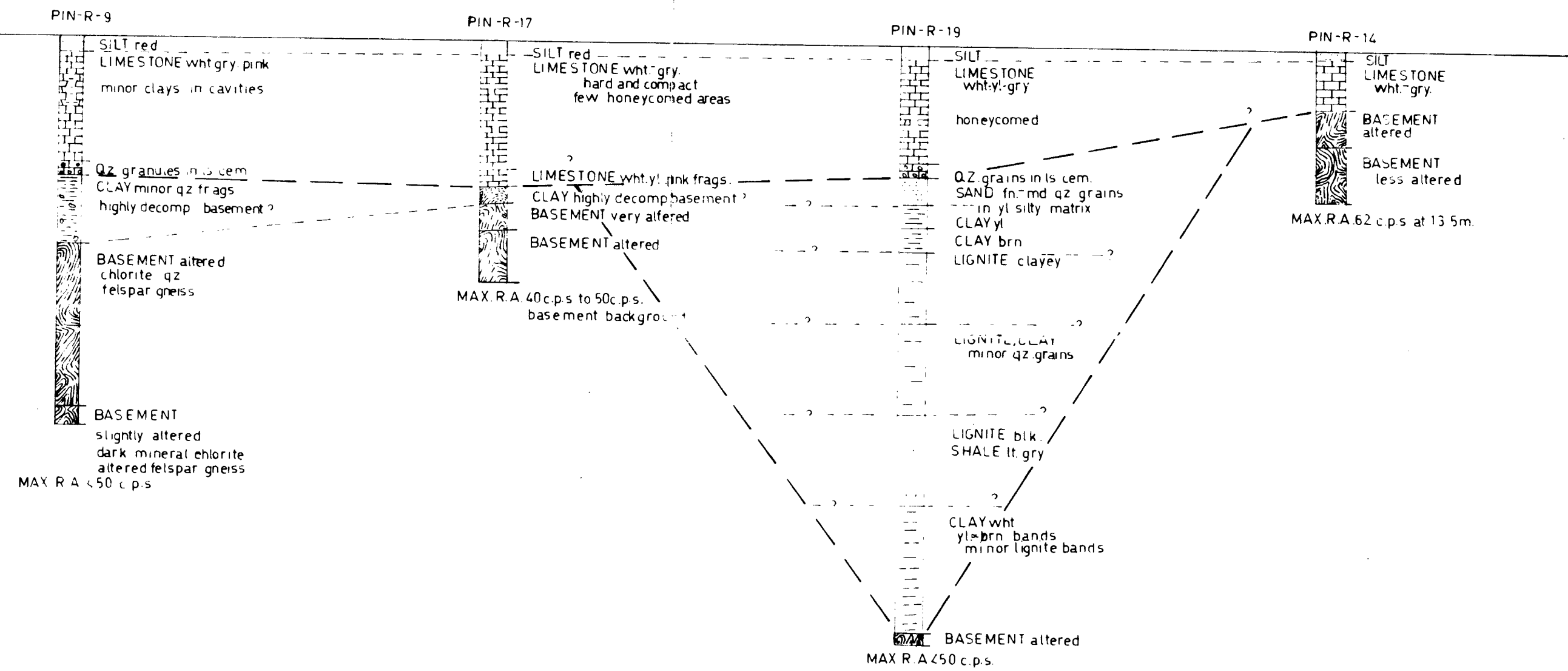
Figure 3



PIDINGA
HOLE PROFILE NO 3
horz scale 1:100,000
vert scale 1:500

ENV 2169(7)-4

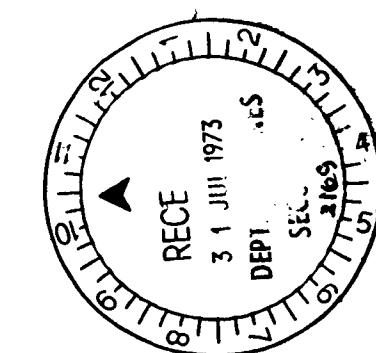
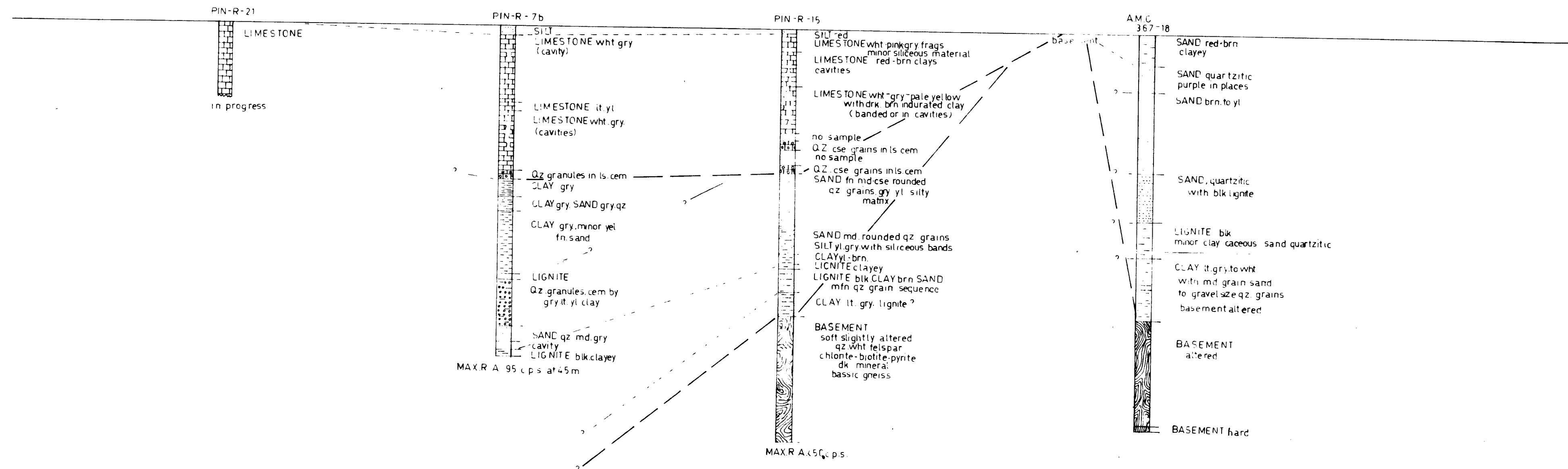
Figure 4



PICONGA
HOLE PROFILE NO. 4
horiz scale 1:100,000
vert scale 1:500

ENV 2169(E) 5

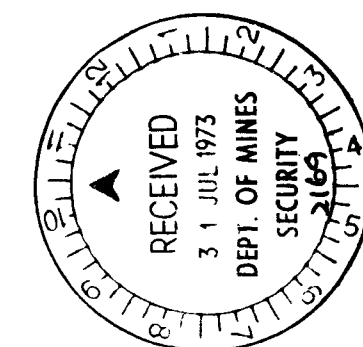
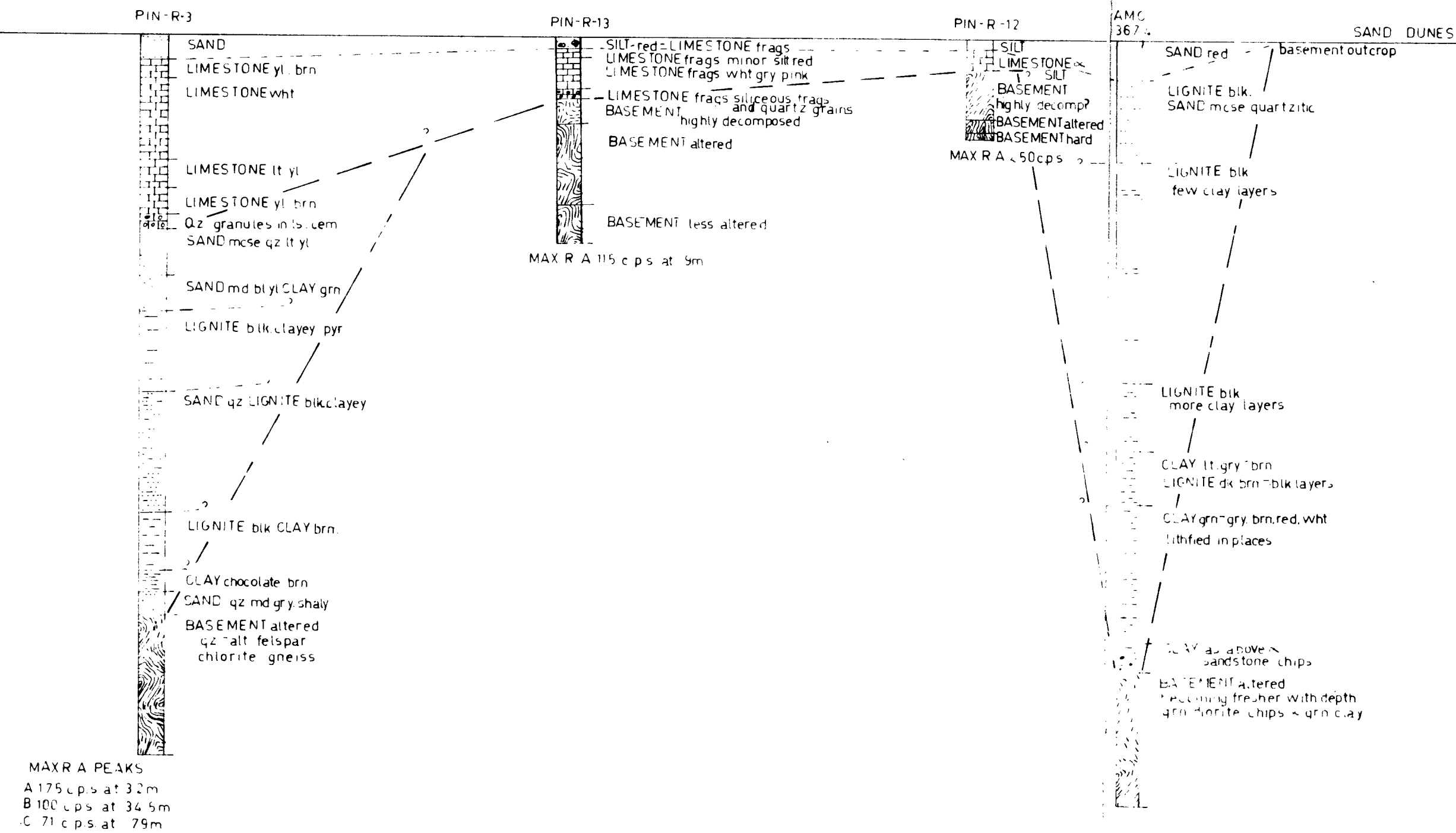
Figure 5



PIDINGA
HOLE PROFILE NO 5
horz. scale 1:100,000
vert scale 1:500

ENV 2169D-6

Figure 6



PIDINGA
HOLE PROFILE NO 6
horz scale 1:100,000
vert scale 1:500

ENV 2169(I)-7

Figure 7

<

SW</

