Open File Envelope No. 3882

EL 632

NUNJIKOMPITA

PROGRESS REPORTS FOR THE PERIOD 20/5/80 TO 19/11/80

Submitted by

Carpentaria Exploration Co. Pty Ltd
1980

Enquiries: Customer Services
Ground Floor
101 Grenfell Street, Adelaide 5000

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

PRIMARY INDUSTRIES AND RESOURCES SA

CONTENTS ENVELOPE 3882

Transparencies In Cylinder 3882/1

TENEMENT: E.L. 632 - Nunjikompita - S.E. Of Ceduna.

TENEMENT HOLDER: Carpentaria Exploration Co. Pty. Ltd.

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

0003

EXPLORATION LICENCE NO.632 "NUNJIKOMPITA"

PROGRESS REPORT FOR QUARTER ENDED AUGUST 19, 1980.

1. TERMS AND CONDITIONS

The Exploration Licence is located approximately 60 km east-south-east of Ceduna and covers an area of 2 251 km^2. The licence was granted for a term of one year commencing on May 20, 1980. The total expenditure requirement for the full term is $70 000.

2. EXPLORATION

A series of rotary-mud holes have been drilled at two kilometre intervals along two traverses across the licence area to define the position of the Narlaby Channel. Drilling was carried out by two Mayhew 1000 rigs contracted from W.L. Sides and Son Ltd. during May and June of this year. A total of 3 618 m was drilled in 58 holes. Wire-line logging for gamma, self potential and resistivity was contracted to Geoex Pty. Ltd.

An isopach plan of Eocene sediments and a basement contour plan is currently being constructed together with a series of cross-sections. These will be forwarded together with the drill logs in the next Quarterly Report.

3. EXPENDITURE

A statement of expenditure is attached.

.....
P.J. Binks
Senior Geologist

CARPENTARIA EXPLORATION COMPANY PTY.LTD.

EXPLORATION LICENCE NO. 632 "NUNJIKOMPITA"

STATEMENT OF EXPENDITURE FOR QUARTER ENDED AUGUST 19,1980

	$	$
Administration	2 141	
Aerial Surveys	450	
Drilling	1 100	
Operating Labour	3 180	
Stores	482	
Transport	983	
Travelling Expenses	70	
Total Expenditure This Period		8 406
TOTAL EXPENDITURE - CURRENT TERM		$ 8 406

R.E.Darlington
Administration Manager.

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

MINING TENEMENT

PROGRESS REPORT

EXPLORATION LICENCE NO.632 "NUNJIKOMPITA"

PROGRESS REPORT FOR QUARTER ENDED NOVEMBER 19, 1980

DATE: November, 1980

COPY: Department of Minerals & Energy

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

EXPLORATION LICENCE NO. 632 "NUNJIKOMPITA"

PROGRESS REPORT FOR QUARTER ENDED NOVEMBER 19, 1980.

1. TERMS AND CONDITIONS

The Exploration Licence is located approximately 60 km east-south-east of Ceduna and covers an area of 2 251 km^2. The Licence was granted for a term of one year commencing on May 20, 1980. The total expenditure requirement for the full term is $70 000.

2. EXPLORATION

Completed drill logs from the drilling program previously reported together with an Eocene Isopach Plan (Drawing No. 15722) and Basement Contour Plan (Drawing No. 15771) are included with this report.

The drilling located the south-west extension of the Narlaby Channel which here is trending north-east to south-west. The channel is in excess of 6 km wide and contains up to 80 m of ?Eocene sediments. These comprise fine to coarse grained sand with interbedded black to grey brown clays. Overlying the channel sediments is up to 80 m of ?Pliocene fine grained sand and clayey silt.

Two drilling programs were completed on the area during the quarter. Thompson Drilling Pty. Ltd. drilled 8 holes for 202 m (IR 800-807 Drawing No. 15770) in the eastern part of the area. All the holes intersected a relatively shallow basement (maximum depth 36 m) with no palaeochannels located.

.../2.

2. EXPLORATION (CONT)

Another program of 21 drill holes totalling 1 852 m (IR 605-625 Drawing No. 15770) was completed by W.L. Sides & Son Pty. Ltd. Results from this drilling are currently being evaluated. Revised basement contours and isopach maps together with drill logs will be forwarded with the next report.

See Env 4010

3. EXPENDITURE

A statement of expenditure is attached.

.....
for G.J. Hooper
Project Geologist

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 440

ROTARY DRILL HOLE LOG

LOCATION: 36km NW Nunjikompita

AIR: FROM ..... TO .....

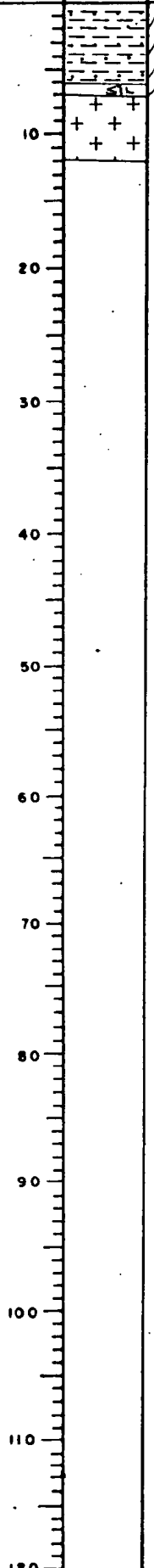
RL COLLAR: ..... m

CO-ORDS: .....

WATER: FROM ... 0 .. TO .. 12m .....

A.M.G: 16800E, 58800N. °.

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0008
NOT LOGGED				CLAYEY SAND red brown, with calcrete, fine grained rounded quartz
				SILCRETE silcreted coarse sand
				CLAY white clay with quartz and serecite



SAMPLE Nos: 584682-584687

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 31/5/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE N° IR 441

ROTARY DRILL HOLE LOG

LOCATION: 34km NW Nunjikompita

AIR: FROM 0 TO 8m

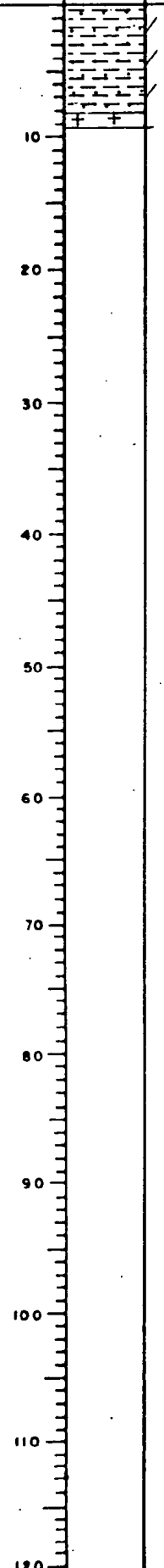
RL COLLAR:

CO-ORDS:

WATER: FROM TO

A.M.G: 16800E, 57300N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0009
NOT LOGGED				CLAYEY SAND red brown, fine grained sub rounded quartz, with minor calcrete minor silcrete GRANITE VERY HARD



SAMPLE Nos: 584688-584691

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 31/5/80
SCALE: 1:500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 442

ROTARY DRILL HOLE LOG

LOCATION: 33km NW Nunjikompita

AIR: FROM 0 TO 12m

RL COLLAR: ..... m

CO-ORDS: .....

WATER: FROM ..... TO .....

A.M.G: 16800E, 55400N ..... °

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0010
NOT LOGGED				CLAYEY SAND yellow brown, with calcrete red brown yellow brown BASEMENT white feldspar with quartz, with silcreted sand at top

SAMPLE Nos: 584692-584697

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 31/5/80
SCALE: 1:500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE N° IR 443

ROTARY DRILL HOLE LOG

LOCATION: 31.5km NW Nunjikompita

AIR: FROM 0 TO 12m

RL COLLAR: .....

CO-ORDS: .....

WATER: FROM ..... TO .....

A.M.G: 16800E, 53500N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0011
NOT LOGGED				SAND very fine grained, rounded quartz, yellow brown with calcrete
		SIL		SILCRETE silcreted sand with minor red brown clayey sand
	10			GRANITE white kaolinite and felds and quartz
	20			
	30			
	40			
	50			
	60			
	70			
	80			
	90			
	100			
	110			
	120			

SAMPLE Nos: 584698-584703

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000

DRILLER: W.L. SIDES

SCALE: 1:500

LOGGED BY: P. OWEN

DATE DRILLED: 31/5/80

DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE N° IR 444

ROTARY DRILL HOLE LOG

LOCATION: 30km NW Nunjikompita

AIR: FROM 0 TO 24m

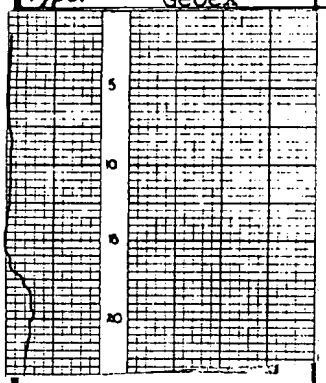
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM ..... TO .....

A.M.G: 16800E, 51600N

0012

Geophysical Log Type: Geoex	Depth Metres	Strip Log	Ox	Lithological Log
	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120			SAND very fine grained, rounded, yellow with calcrete red, with minor clay matrix with minor silcrete SAND fine grained, pinky red, with silcrete GRANITE with felds and quartz, pink felds

SAMPLE Nos: 584704-584715

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE	MAYHEW 1000	LOGGED BY	P.OWEN
DRILLER	W.L. SIDES	DATE DRILLED	31/5/80
SCALE	1 500	DRG./CODE No	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 445

ROTARY DRILL HOLE LOG

LOCATION: 28.5km NW Nunjikompita

AIR: FROM ..... TO .....

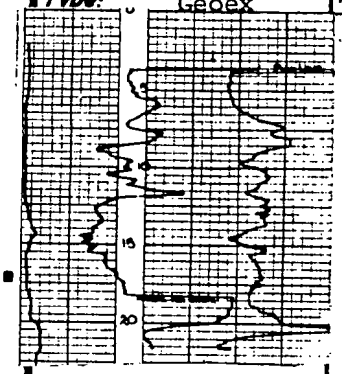
RL COLLAR: ..... T.

CO-ORDS: .....

WATER: FROM 0 TO 24m

A.M.G: 16800E, 49400N. °.

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND yellow brown with calcrete
			CLAYEY SILT yellow red brown
	SIL		SILCRETE cream, silcreted silt
10			CLAYEY SILT orange brown, with silcreted silt bands
			with minor rounded quartz
20			CLAY pinky white clay with minor quartz
30			
40			
50			
60			
70			
80			
90			
100			
110			
120			

0013

SAMPLE Nos: 584716-584727

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER W.L. SIDES	DATE DRILLED: 31/5/80
SCALE 1 500	DRG./CODE No:

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

HOLE Nº IR 446

PROSPECT: NUNJIKOMPITA

LOCATION: 27.5km NW Nunjikompita

CO-ORDS: .....

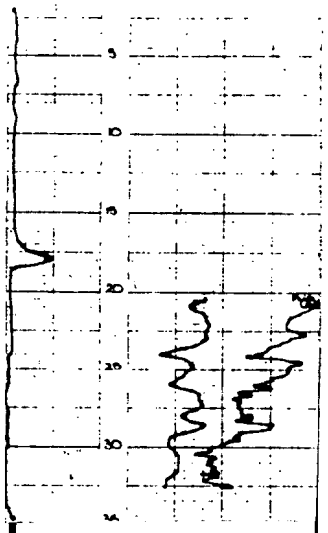
AIR: FROM ..... TO .....

WATER: FROM 0 TO 36m

RL COLLAR: .....

A.M.G: 16800E, 47800N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND yellow brown with silcrete
			SILTY CLAY red brown
			CLAY
			SILTY CLAY green grey, red brown
10			SILTY CLAY with minor interbedded clays and silcretes and silts (brown) multicoloured reds and creams and browns
20			CLAYEY SAND yellow brown, fine grained sand
			SAND medium grained, sub rounded quartz, yellow red with clay matrix
30			CLAY pinky white with minor quartz
40			
50			
60			
70			
80			
90			
100			
110			
120			

0014

SAMPLE Nos: 584728-584745

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE MAYHEW 1000	LOGGED BY P.OWEN
DRILLER W.L. SIDES	DATE DRILLED 31/5/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No. IR 447

ROTARY DRILL HOLE LOG

LOCATION: 27km NW Nunjikompita

AIR: FROM ..... TO .....

WATER: FROM 0 TO 50m

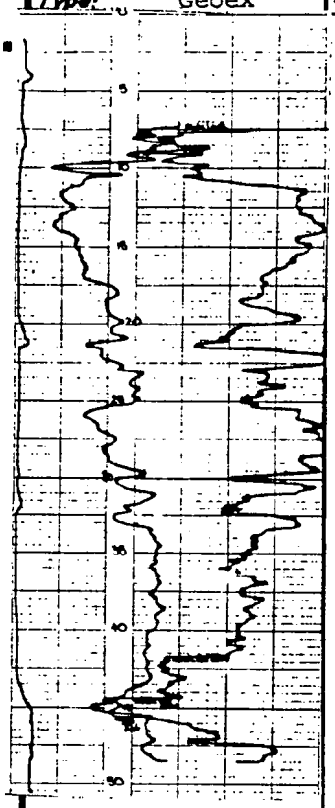
R.L. COLLAR: ..... m.

CO-ORDS: .....

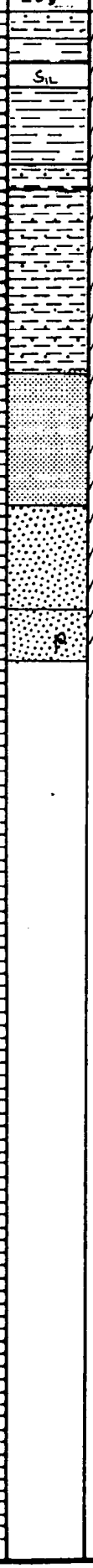
A.M.G: 16900E, 45700N.

0015

Geophysical Log Type: Geoex



Depth Metres



Strip Log

Ox

Lithological Log

CLAYEY SAND yellow brown, fine grained with calc.
SILTY CLAY red brown
SILCRETE cream and orange with ferricrete and minor cream green clays
CLAYEY SILTS cream to pink and red

SANDY CLAY cream red with minor silcrete
CLAYEY SAND yellow brown, fine grained rounded quartz

with minor cream and yellow clays and silty clays
with cream clay matrix

SAND pinky yellow, fine to medium grained, rounded to sub rounded quartz
with minor silcrete
with cream red brown clays and clay matrix

SAND medium grained sub rounded to sub angular quartz, orange red
fine grained, pinky yellow
medium grained reddy orange
SAND medium grained, sub angular to angular and minor cream clay matrix, slightly finer grained, with fresh pyrite, cream & creamred
very hard, with blue grey feldspars,
BASEMENT

SAMPLE Nos: 584746-584770

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 1/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No. IR 448

ROTARY DRILL HOLE LOG

LOCATION: 25km WNW Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: .....

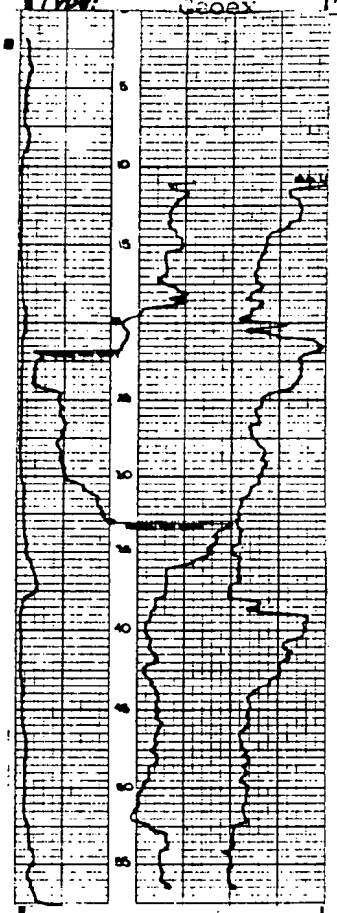
CO-ORDS: .....

WATER: FROM 0 TO 60m

A.M.G: 16900E, 43800N

0016

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			SILTY SOIL cream
			nodular kunkar
10			SILT light brown
			SILT/SAND cemented grey green and dark red
20			SAND fine grained rounded quartz, reddy brown
			lense SILTY CLAY grey greenish
30			SAND cemented grey greenish and dark red
			SAND fine grained rounded quartz
			grey brown
40			SAND coarse grained sub rounded quartz, yellow staining
			SILTY CLAY orange red and yellow
50			CLAY limonitic yellow
			BASEMENT sericitic schist red-white
			cream white with brassy brown tarnished pyr.
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 583441-583470

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE	MAYHEW 1000	LOGGED BY	G.HOOPER
DRILLER	W.L. SIDES	DATE DRILLED	1/6/80
SCALE	1 500	DRG./CODE No:	

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

HOLE Nº IR 449

PROSPECT: NUNJIKOMPITA

LOCATION: 24km WNW Nunjikompita

CO-ORDS:

AIR: FROM .... TO ....

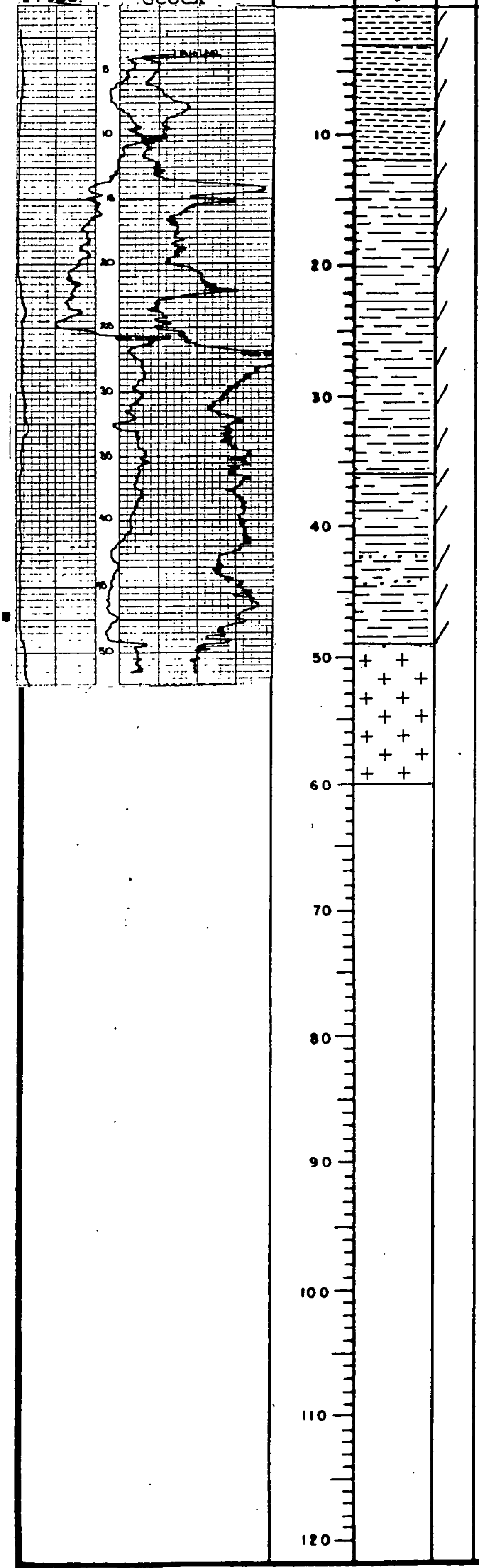
WATER: FROM 0 TO 60m

RL COLLAR: .... T.

A.M.G 16900E, 41800N ... °.

0017

Geophysical Log Type: Geoex	Depth Metres	Strip Log	Ox	Lithological Log



SILTY SOIL cream

SILT brown

SILT dark red

CLAYEY SILT brown-orange brown, yellowish
minor creamy grey

SILTY CLAY white and orange brown

minor SAND lenses fine to medium grained quartz

GRANITE minor coarse grained angular quartz in sericitic matrix

SAMPLE Nos: 583471-583500

REASON FOR HOLE:	DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
	DRILLER: W.L. SIDES	DATE DRILLED: 1/6/80
OTHER DETAILS:	SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE N° IR 450

ROTARY DRILL HOLE LOG

LOCATION: 23km WNW Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: .....

CO-ORDS: .....

WATER: FROM ..0.. TO ..48m.....

A.M.G. 16900E, 39800N

0018

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log
NOT LOGGED (Collapsed Hole)				CLAYEY SAND yellow brown, with calcrete
				SILTY CLAY red brown
				SILCRETE & SILT interbedded silt/sand generally yellow, yellow brown with silcrete of cream, yellow and yellow brown silt in places has clay matrix
	10			
	20			
	30			
	40			SAND medium grained, orange sub rounded to sub angular quartz
				CLAY white
	50			
	60			
	70			
	80			
	90			
	100			
	110			
	120			

SAMPLE Nos: 583771-584794

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 1/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 451

ROTARY DRILL HOLE LOG

LOCATION: 22km WNW Nunjikompita

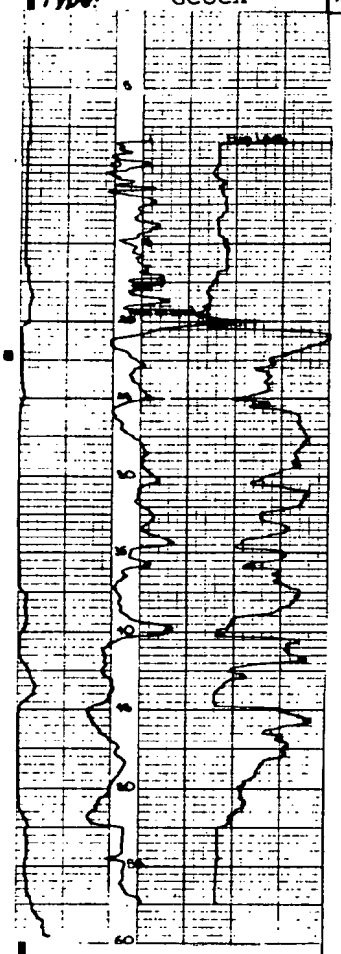
AIR: FROM ..... TO .....

RL COLLAR: ..... T.

CO-ORDS: .....

WATER: FROM ...0... TO ...54m.....

A.M.G. 16900E, 37800N ... °.

Geophysical Log Type: Geoex	Depth Metres	Strip Log	Ox	Lithological Log
	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120			SILT cream SILT yellow brown, red brown CLAYEY SILT cream, brown CLAYEY SILT orange brown and grey white sandy in places GRANITE white and dark purple sericitic

0019

583501-583506

SAMPLE Nos: 584007-584027

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	G.HOOPER
DRILLER:	W.L. SIDES	DATE DRILLED:	1/6/80
SCALE:	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 452

ROTARY DRILL HOLE LOG

LOCATION: 21.5km WNW Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: .....

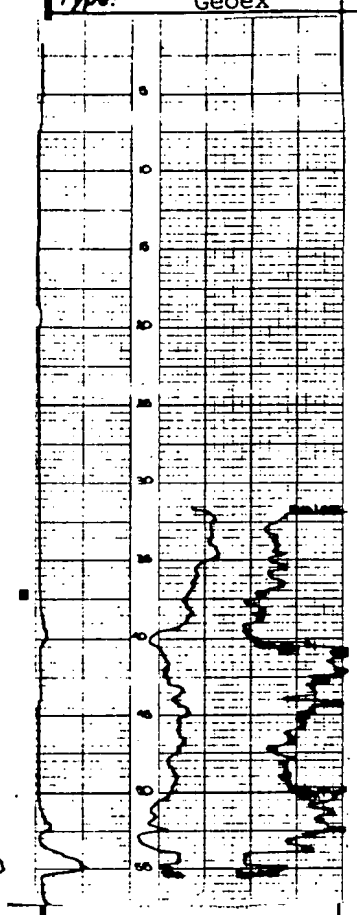
CO-ORDS: .....

WATER: FROM 0 TO 60m

A.M.G: 170000E, 35900N

0020

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND yellow brown, fine grained with calcrete
			CLAYEY SILT red brown
	SIL		SILCRETE cream yellow and red silcreted sands
10			SAND yellow brown, fine grained, with silcreted sands
20			SAND yellow brown, with minor cream and brown clays and clay matrix
			SAND fine grained, yellow brown, rounded quartz
30			pinky red
40			slightly coarser grained with minor cream clayey sand
50			CLAY cream brown, brown and minor black
	+ + + + + +		CLAY white clay with quartz and felds weathered granite
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 584795-584824

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 1/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 453

ROTARY DRILL HOLE LOG

LOCATION: 17km WNW Nunjikompita

AIR: FROM ..... TO .....

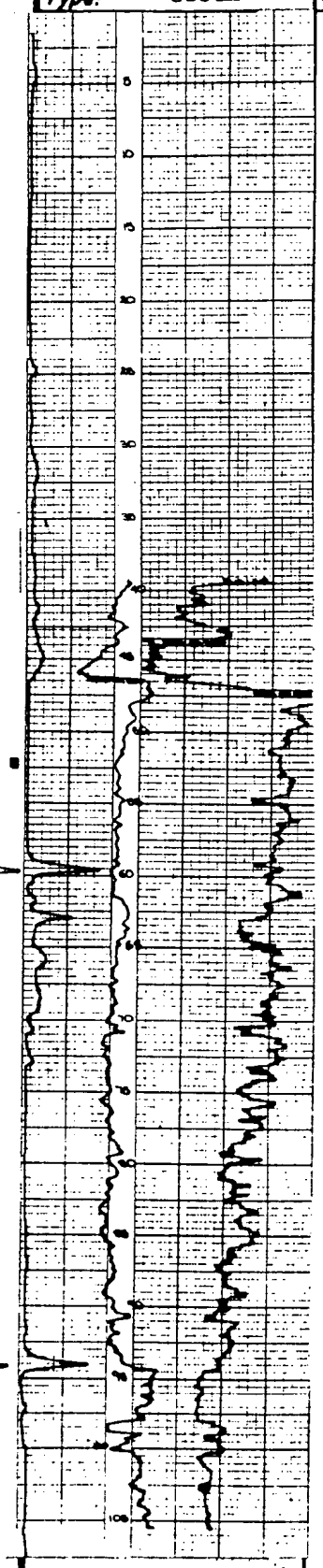
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM 0 TO 102m

A.M.G. 21300E, 34800N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0021
			SILTY SOIL cream
			SILT light brown
10			
			lense SILCRETE
20			
			CLAYEY SILT orange brown, minor grey white
30			
40			
			SAND fine to medium grained, sub rounded quartz orange red
50			
			SAND medium to coarse grained, sub rounded to sub angular quartz, pink red
			CLAY cream to light brown
60			SAND fine grained rounded quartz pink brown
70			SAND coarse grained sub angular quartz fairly clean minor traces of yellow oxidation
			very minor CLAY black
80			
			SAND medium to coarse grained sub angular quartz trace pyrite
			CLAY cream brown
90			CLAY black
			CLAY grey brown
			SAND medium grained sub rounded to sub angular quartz, much humic staining
100			GRANITE, white grey sericitic
110			
120			

SAMPLE Nos: 584028-584078

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 2/6/80
SCALE: 1:500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No. IR 454

ROTARY DRILL HOLE LOG

LOCATION: 15.5km. WNW. Nunjikompita

AIR: FROM ..... TO .....

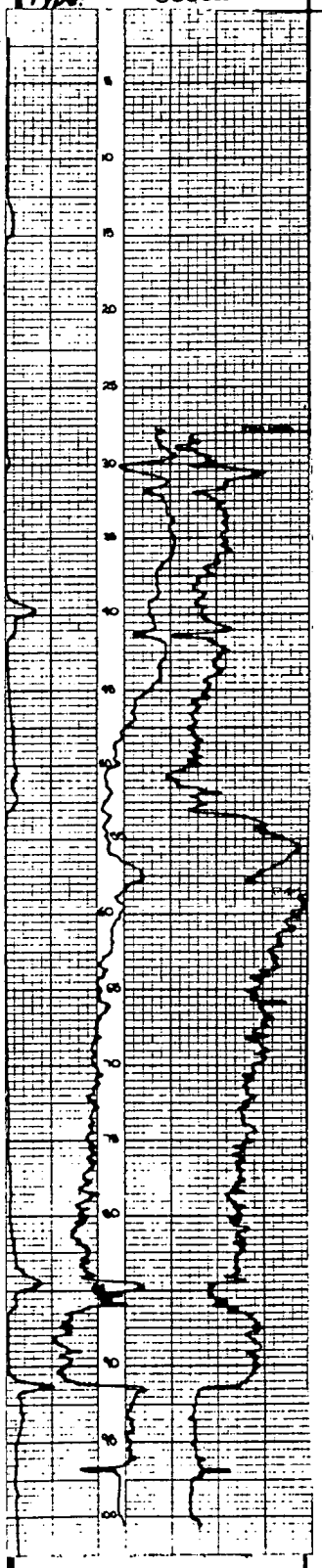
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM ..0.. TO ..102m.....

A.M.G. 23200E, 34500N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0022
			CLAYEY SAND yellow brown, with calcrete fine grained
10			SILTY CLAY yellow brown with silcrete
			red
20			CLAYEY SAND red browny orange with minor interbedded cream silty clays
30			
40			SAND reddy orange, fine grained, rounded quartz with minor clay (cream) very fine grained with minor clay matrix brown clayey silt
50			SILTY CLAY mucky pink red and yellow
			SAND with minor clay matrix, red brown fine grained, slightly coarser fine to medium grained red brown fine grained fine to medium grained crimson
60			
70			
			pinky grey fine to medium grained
80			fine grained, pink
			CLAY grey brown, with minor interbedded fine to medium grained sand
90		?	SAND fine to medium grained, pinky grey
			CLAY grey brown, with minor fine to medium grained sands
100	+ + + + + +		CLAY white sticky clay with quartz weathered granite
110			
120			

SAMPLE Nos: 584825-584875

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE MAYHEW 1000	LOGGED BY P.OWEN
DRILLER W.L. SIDES	DATE DRILLED 1/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No. IR 455

ROTARY DRILL HOLE LOG

LOCATION: 13.5km WNW Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: ..... m.

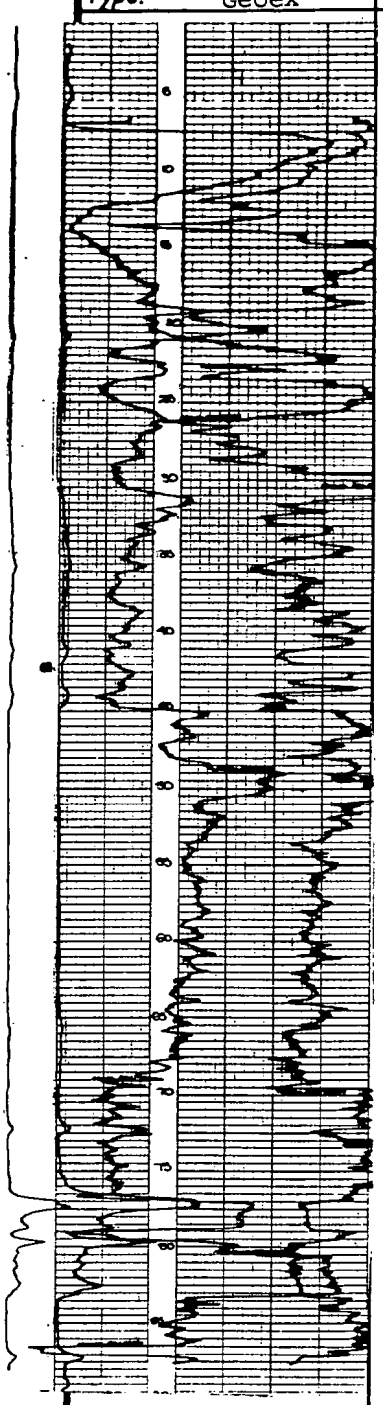
CO-ORDS: .....

WATER: FROM 0 TO 108m

A.M.G: 248000E, 34200N

0023

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND fine grained, yellow brown with calc
			SILTY CLAY red brown
			CLAYEY SAND with cream silcrete, red and red brown
10			SAND fine grained, rounded quartz, pinky red with silcrete and minor silty clays orange
20			CLAYEY SAND fine grained orange minor cream clayey silts
30			
			SILTY CLAY yellow brown (mucky)
40			
			SAND fine grained, reddy orange
50			
			SAND medium grained, sub rounded to rounded quartz, yellow orange
60			crimson red
			SAND coarse grained pinky grey, sub rounded to sub angular, mod. sort.
70			SAND fine grained, micaceous, slightly finer grained, yellow brown fine to medium grained, with cream brown
			CLAY black brown, humic clay lense
80		?	CLAY & SAND interbedded black brown clay and medium grained humic stained sub rounded to sub angular quartz, pyritic
		?	
			SAND medium grained, sub rounded to sub angular humic stained sand, pyrite
90			CLAY black brown, brown and cream brown with minor sand as above
			SAND fine to medium grained, with minor inter bedded cream brown clays, mild humic staining pyritic, coarser towards base, sub rounded to sub angular quartz
100			BASEMENT SAND quartz and felds and minor white clay weathered granite
110			
120			

SAMPLE Nos: 584876-584929

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 2/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 456

ROTARY DRILL HOLE LOG

LOCATION: 11.5km WNW Nunjikompita

AIR: FROM ..... TO .....

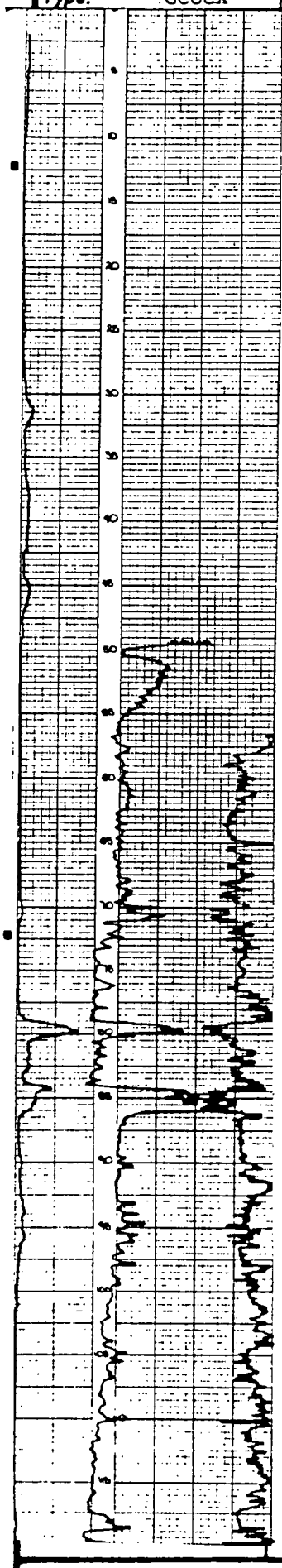
RL COLLAR: ..... T.

CO-ORDS: .....

WATER: FROM 0 TO 146m

A.M.G.: 26700E, 33400N. °.

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0024
			KUNKAR & SILTY SOIL cream
			SILT orange brown
10			SILT red brown
			SILT/SAND grey white
20			SAND very fine grained rounded quartz cemented in places
30			
40			CLAYEY SILT yellow-yellow brown and grey white
50			
60			SAND/CLAYEY SAND fine grained rounded quartz red brown lenses of CLAYEY SILT grey white and yellow
70			
			SAND medium to coarse grained sub angular quartz much oxidation
80			SAND fine to medium grained sub rounded quartz pink brown lense CLAY brown black
			CLAY black
90			SAND medium to coarse grained, sub rounded to sub angular quartz trace pyrite minor humic staining maybe slight suggestion of oxidised grains
100			
110			
120			GRAVEL very coarse grained

SAMPLE Nos:

REASON FOR HOLE:

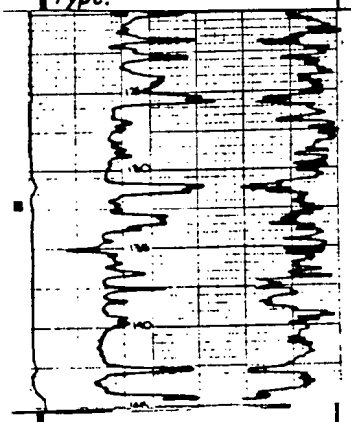
OTHER DETAILS.

DRILL TYPE	LOGGED BY
DRILLER	DATE DRILLED
SCALE 1 500	DRG./CODE No:

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

HOLE Nº IR 456 (Contd)

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0025
	130 140 150 160 170 180 190 200			GRAVEL very coarse grained, sub rounded quartz trace pyrite minor humic staining GRANITE Hard

SAMPLE Nos: 584079-584151

REASON FOR HOLE:	DRILL TYPE: MAYHEW1000	LOGGED BY: G.HOOPER	
	DRILLER: W.L. SIDES	DATE DRILLED: 2/6/80	
OTHER DETAILS:	SCALE: 1:500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 457

ROTARY DRILL HOLE LOG

LOCATION: 9.5km WNW Nunjikompita

RL COLLAR: .....

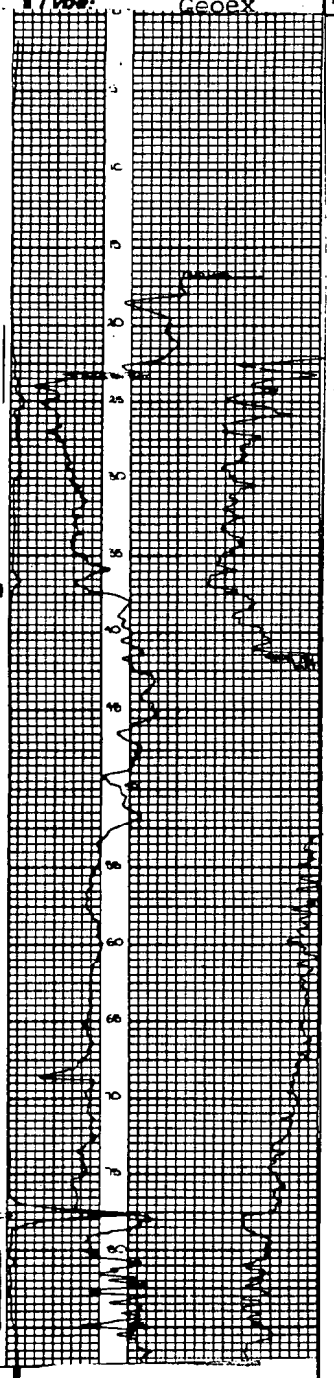
CO-ORDS: .....

AIR: FROM ..... TO .....

WATER: FROM 0 TO 90m

A.M.G: 28700E, 32500N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0026
			CLAYEY SAND fine grained, yellow brown with calc.
			CLAYEY SILT red brown
			SILCRETE cream blue green silcreted silt
			CLAYEY SAND red brown, with silcreted silt
10			SAND fine grained, grey with silcreted sands
			yellow
			minor coarser fractions
20			
			SILTY CLAY cream yellow
			yellow to yellow brown
30			
40			SAND orange, fine grained rounded quartz
			red
			micaceous in parts
50			
			minor cream clays
60			and clayey matrix
70			
			slightly coarser, fine to medium grained sub rounded quartz
			SAND medium grained, sub rounded to sub angular quartz, grey
80			CLAY & SAND interbedded black brown clay and medium grained sub rounded to sub angular quartz, humic stained, pyritic and wood fragments
90			CLAY white clay with quartz and felds. weathered granite
100			
110			
120			

SAMPLE Nos: 584930-584974

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE	MAYHEW 1000	LOGGED BY	P.OWEN
DRILLER	W.L. SIDES	DATE DRILLED	2/6/80
SCALE	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 458

ROTARY DRILL HOLE LOG

LOCATION: 7km WNW Nunjikompita

AIR: FROM..... TO.....

RL COLLAR: .....

CO-ORDS: .....

WATER: FROM....0.. TO..14m.....

A.M.G: 30800E, 31700N

0027

Geophysical Log Type: Geoex	Depth Metres	Strip Log	Ox	Lithological Log
			✓	KUNKAR & SANDY SOIL
			✓	
			✓	
			✓	SILT red brown
	10	Sil	✓	SILCRETE
		+ +		GRANITE white kaolinitic clay and quartz
		+ + +		Hard
	20			
	30			
	40			
	50			
	60			
	70			
	80			
	90			
	100			
	110			
	120			

SAMPLE Nos: 584152-584158

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 2/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 459

ROTARY DRILL HOLE LOG

LOCATION: 5km WNW Nunjikompita

AIR: FROM 0 TO 12

RL COLLAR: ..... ft.

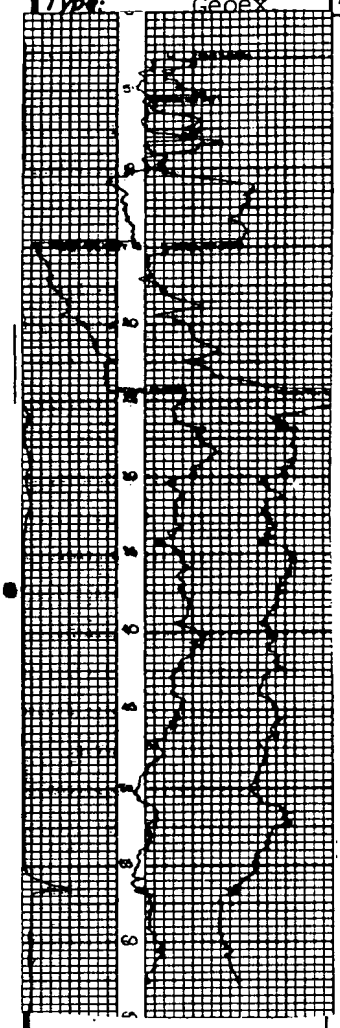
CO-ORDS: .....

WATER: FROM 12 TO 67m

A.M.G.: 32500E, 30900N. °.

0028

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			SAND fine grained, pale brown
			CALCRETE
			CLAYEY SILT yellow to red brown
10			
20			
30			
40			
50			CLAYEY SILT white, red brown and red
			CLAY black, less than 20cm thick
60			GRITTY CLAY white fine grained granite
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 584975-585507

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	P.BINKS
DRILLER:	W.L. SIDES	DATE DRILLED:	2/6/80
SCALE:	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 460

ROTARY DRILL HOLE LOG

LOCATION: 3.5km. WNW Nunjikompita

AIR: FROM ..... TO .....

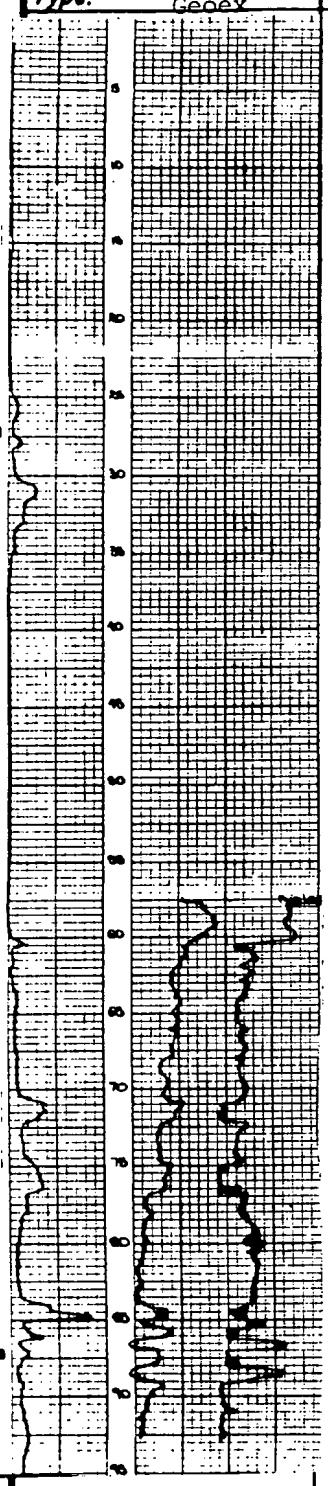
RL COLLAR: ..... ft.

CO-ORDS: .....

WATER: FROM ...0.. TO ..96m .....

A.M.G: 34400E, 30800N ..°.

0029

Geophysical Log Type: Gepex	Depth Metres	Strip Log	Ox	Lithological Log
	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120			CALCRETE & SAND fine grained, pale brown CLAYEY SILT yellow brown CLAYEY SILT red brown SILTY CLAY off white to red brown CLAY brown to grey SAND fine grained, red brown CLAY & SAND sand medium grained, sub angular SAND medium to coarse grained, angular quartz grains, pale red brown Drilled blind, no return CLAY fragments of black brown clay in white clay matrix CLAY weathered granite

SAMPLE Nos: 584159-584206

REASON FOR HOLE:	DRILL TYPE: MAYHEW 1000	LOGGED BY: P. BINKS
	DRILLER: W.L. SIDES	DATE DRILLED: 2/6/80
OTHER DETAILS:	SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 461

ROTARY DRILL HOLE LOG

LOCATION: 2km NW Nunjikompita

AIR: FROM ..... TO .....

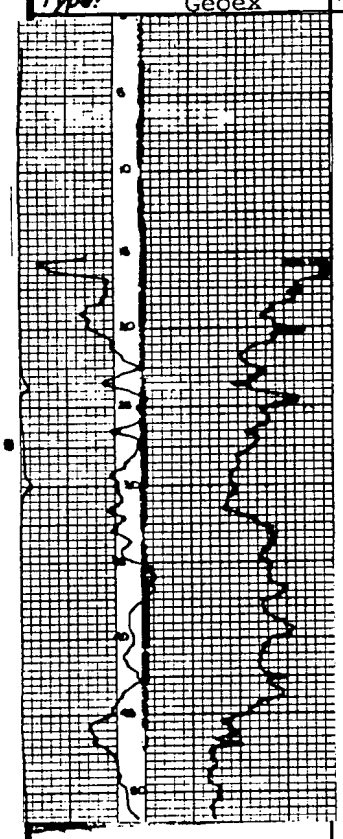
RL COLLAR: ..... m

CO-ORDS: .....

WATER: FROM ...0.. TO ..54m.....

A.M.G: 35100E, 30800N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0030
			CALCRETE & SILTY CLAY pale brown
			SAND fine grained, well rounded, pale brown with fragments of silcrete
10			
			SAND fine to medium grained, rounded quartz grains, pale brown to 38m.
20			
30			
40			grey
			CLAY gritty, white and pink, weathered granite
50			
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585508-585534

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.BINKS
DRILLER: W.L. SIDES	DATE DRILLED: 4/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 462

ROTARY DRILL HOLE LOG

LOCATION: 1km NNE Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: .....

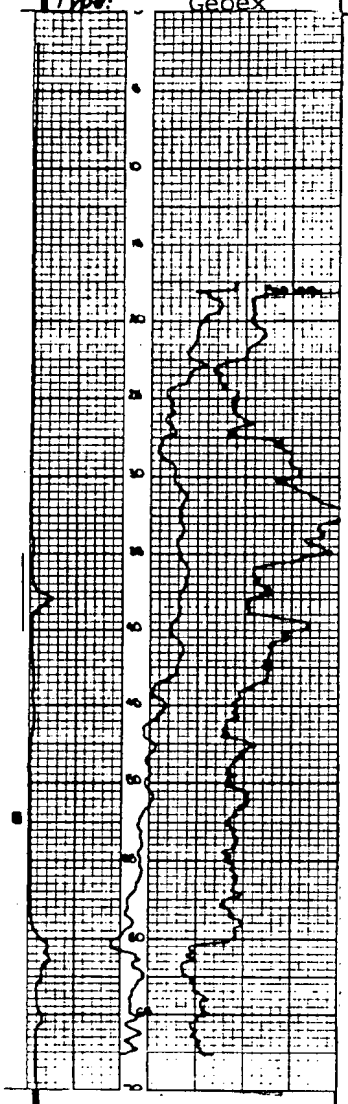
CO-ORDS: .....

WATER: FROM 0 TO 72m

A.M.G: 37900E, 30500N

0031

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			SILTY SOIL cream brown
			CLAYEY SILT cream brown
10			SILT light brown
20			
			SAND cemented fine grained, rounded quartz
30			SAND fine grained, rounded quartz yellow brown
40			CLAYEY SILT grey white, yellow brown minor, SAND fine grained rounded quartz
50			
			SAND very fine grained rounded quartz, light brown
60			CLAY/SILTY CLAY brown, yellow and grey white
			GRANITE, white kaolinitic
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 584207-584242

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 4/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE N° IR 463

ROTARY DRILL HOLE LOG

LOCATION: 2.5km ENE Nunjikompita

AIR: FROM ..... TO .....

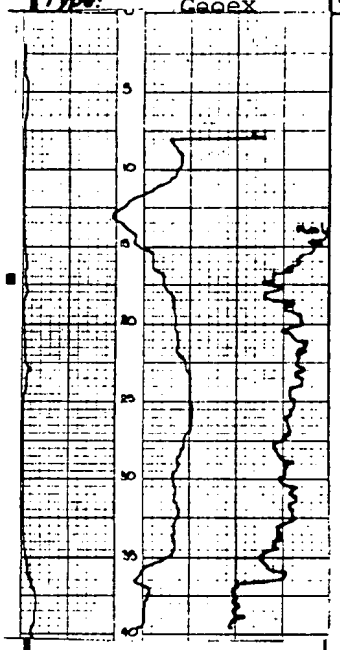
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM 0 TO 42m

A.M.G: 39800E, 30200N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CALCRETE pale brown
			SAND fine to medium grained, red brown
10			CLAYEY SAND sand, fine to medium grained, sub rounded, red brown, thin silcreted bands
20			SAND medium grained, sub rounded, red brown slightly clayey
30			SAND coarse grained, angular quartz grains, purple
40			CLAY brown and yellow brown gritty, weathered granite, white
50			
60			
70			
80			
90			
100			
110			
120			

0032

SAMPLE Nos: 585435-585555

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: P. BINKS
DRILLER: W.L. SIDES	DATE DRILLED: 4/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 464

ROTARY DRILL HOLE LOG

LOCATION: 4km ENE Nunjikompita

AIR: FROM ..... TO .....

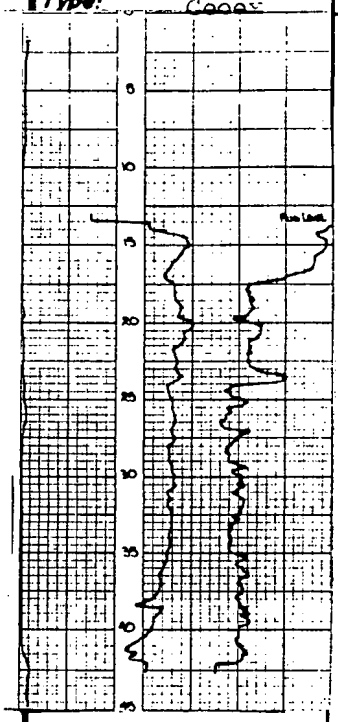
RL COLLAR: ..... m

CO-ORDS: .....

WATER: FROM 0 TO 48m

A.M.G: 41700E, 29800N

Geophysical Log Type: Gamma



Depth Metres	Strip Log	Ox	Lithological Log
			KUNKAR & SILTY SOIL
			SILT orange brown
10			SAND/SILT cemented very fine grained rounded quartz, white to light brown
20			CLAYEY SILT light brown to yellow brown
30			
40			SAND fine to coarse grained, sub rounded to sub angular quartz, much yellow orange staining
50			GRANITE coarse grained angular quartz in kaolinitic matrix
60			
70			
80			
90			
100			
110			
120			

0033

SAMPLE Nos: 584243-584266

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE	MAYHEW 1000	LOGGED BY	G. HOOPER
DRILLER	W.L. SIDES	DATE DRILLED	4/6/80
SCALE	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No: IR 465

ROTARY DRILL HOLE LOG

LOCATION: 5.5km E. Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: ..... m.

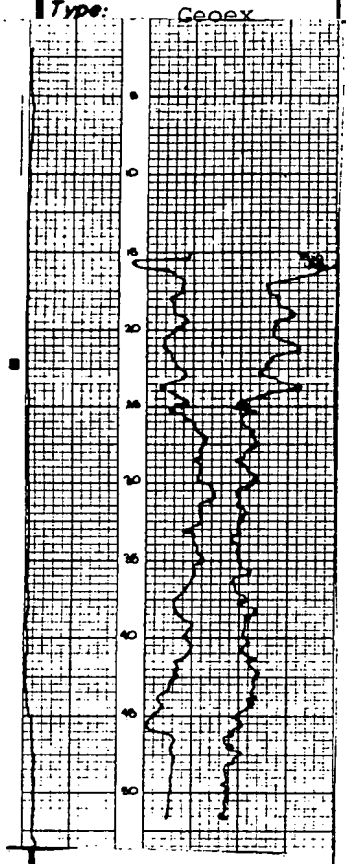
CO-ORDS: .....

WATER: FROM 0 TO 54m

A.M.G: 43200E, 29300N

0034

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			SAND fine grained, well rounded, brown
			CLAYEY SAND with calcrete nodules, pale brown
			SAND fine grained, well rounded quartz grains, clayey
10	Sil		SILCRETED SAND grey
			CLAYEY SAND with bands of silcrete
20			SAND fine to medium grained, well rounded quartz grains, yellow brown
30			CLAYEY SAND fine to medium grained, well rounded quartz grains, yellow brown.
40			
			SAND medium to coarse grained, angular quartz grains, red brown, to purple brown
50			CLAY white, weathered granite
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585556-585582

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	P. BINKS
DRILLER:	W.L. SIDES	DATE DRILLED:	4/6/80
SCALE:	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 466

ROTARY DRILL HOLE LOG

LOCATION: 7.5km E Nunjikompita

AIR: FROM ..... TO .....

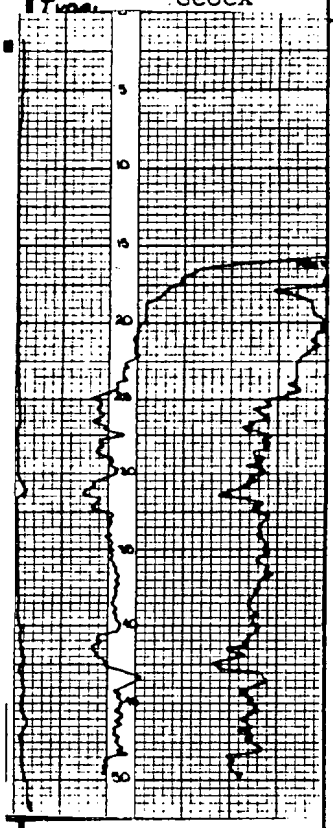
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM 0 TO 54m

A.M.G: 45000E, 28800N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			KUNKAR
			SILT orange brown
			CLAYEY SILT yellow brown to light brown minor cemented SILT bands
10			
20			
30			SILTY CLAY cream white, red purple yellow brown
40			CLAYEY SILT red purple to red brown
			SILTY CLAY cream white
50			GRANITE kaolinitic
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 584267-584293

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 4/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

HOLE Nº IR 467

LOCATION: 9.5km E Nunjikompita

AIR: FROM ..... TO .....

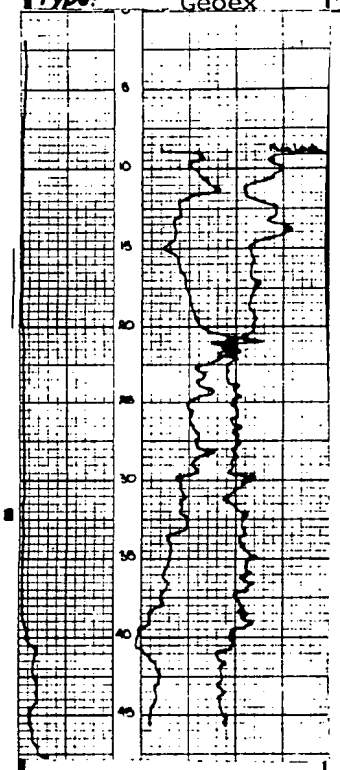
WATER: FROM ...0.. TO ..48m.....

RL COLLAR: ..... m.

CO-ORDS: .....

A.M.G: 46800E, 28000N °.

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			SANDY CLAY yellow brown with calcrete orange brown
10			CLAYEY SAND fine grained, rounded quartz orange brown
20			CLAYEY SAND very fine grained sand, multicoloured red, cream, brown, orange, yellow
30			
40			SAND orange, medium grained, sub rounded to sub angular, slightly clayey, red orange
			CLAY cream orange with minor quartz, weathered granite
50			
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585583-585606

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 4/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 468

ROTARY DRILL HOLE LOG

LOCATION: 11.5km ESE Nunjikompita

AIR: FROM ..... TO .....

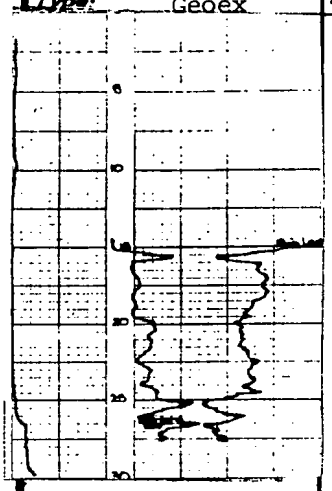
RL COLLAR: ..... ft.

CO-ORDS: .....

WATER: FROM 0 TO 30m

A.M.G: 48700E, 27400N

0037

Geophysical Log Type: Geoex	Depth Metres	Strip Log	Ox	Lithological Log
	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120			CLAYEY SAND yellow brown with calcrete nodules fine grained, orange rounded with silcreted sand very fine grained clayey sand CLAY red and white with quartz and felds weathered granite

SAMPLE Nos: 585607-585621

REASON FOR HOLE:	DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
	DRILLER: W.L. SIDES	DATE DRILLED: 4/6/80
OTHER DETAILS:	SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 469

ROTARY DRILL HOLE LOG

LOCATION: 13km ESE Nunjikompita

AIR: FROM ..... TO .....

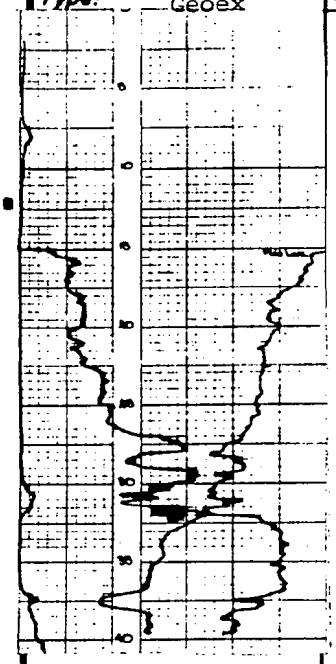
WATER: FROM ..0.. TO .42m.....

RL COLLAR: ..... m.

CO-ORDS: .....

A.M.G: 50700E, 27000N .. °.

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0038
			CLAYEY SAND yellow brown with calcrete, fine grain
			CLAYEY SAND orange brown, fine grained, rounded with minor clayey silt bands
10			
			SAND fine grained, rounded, yellow with clay matrix
20			
30			CLAYEY SILT cream, yellow, cream, yellow and red
			SILTY CLAY varicoloured, brown red, cream, yellow
			SAND fine grained, yellow brown, with clay matrix
40			CLAY cream yellow with quartz, weathered granite
50			
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585622-585642

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER W.L. SIDES	DATE DRILLED: 5/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 470

ROTARY DRILL HOLE LOG

LOCATION: 15km ESE Nunjikompita

AIR: FROM ..... TO .....

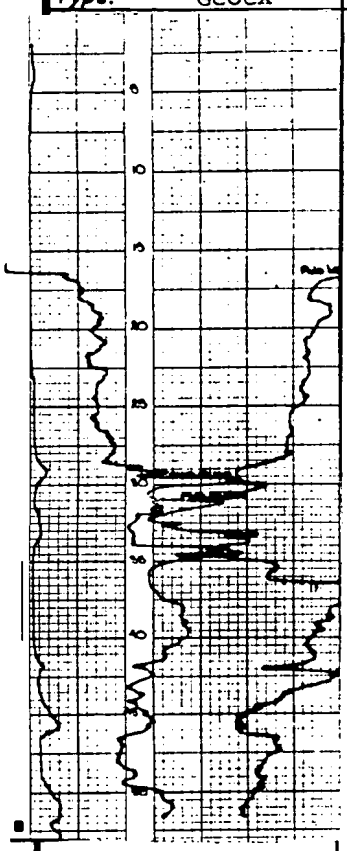
WATER: FROM 0 TO 54m

RL COLLAR: ..... m.

CO-ORDS: .....

A.M.G: 52200E, 27000N . °.

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0039
			CLAYEY SAND with calcrete nodules, yellow brown
			CLAYEY SAND orange brown, fine grained
10			CLAYEY SAND very fine grained, cream and yellow cream with silcreted sand lenses
20			SAND fine grained, rounded, cream yellow with clay matrix
30			SILTY CLAY cream blue green, brown with interbedded white clay
			CLAY brown, white and yellow
40			CLAY & SAND interbedded yellow brown fine grained sand with cream and brown and green clays
50			SANDY CLAY brown, yellow brown, fine grained medium grained, sub rounded to sub angular sand with interbed brown clays
	+ + + +		CLAY white, cream white with quartz, sericite and felds weathered granite
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585643-585669

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE MAYHEW 1000	LOGGED BY P.OWEN
DRILLER W.L. SIDES	DATE DRILLED 5/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 471

ROTARY DRILL HOLE LOG

LOCATION: 17km ESE Nunjikompita

AIR: FROM ..... TO .....

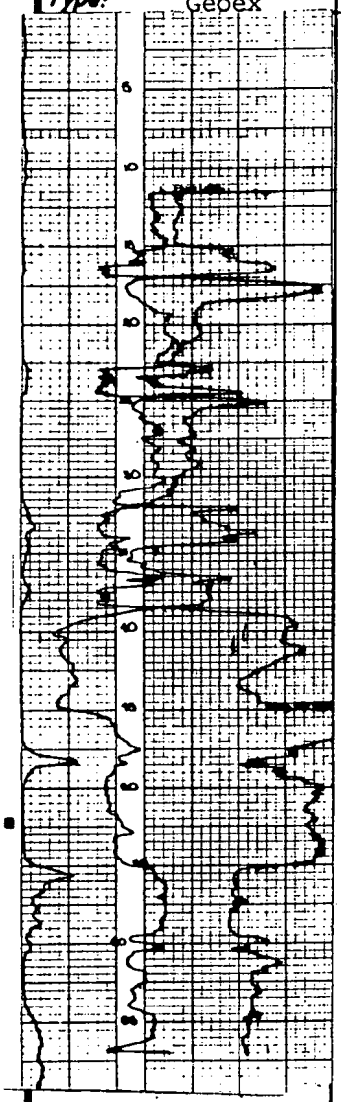
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM 0 TO 72m

A.M.G: 54000E, 26300N

Geophysical Log Type: Gepex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND yellow brown, fine grained, with calc.
			CLAYEY SAND orange brown, fine grained rounded orange
10			CLAYEY SAND cream white and yellow with silcreted sand
20			CLAY cream grey SAND & CLAY interbedded cream, red grey, clay orange fine grained rounded sand CLAY grey brown
30			SAND fine grained, orange, rounded with minor cream clays
			CLAY multicoloured, red, grey, grey green brown, white and blue white with minor sand
40			SAND & CLAY interbedded clay as above with cream grey fine grained sand SAND fine grained, yellow, pink red
50			CLAY & SAND interbedded fine grained, orange sand and crimson, grey, blue green, red clays with minor sandy clays CLAY black brown, humic
60			with medium grained sub rounded to sub ang humic stained quartz, and brown sandy clays with wood fragments
70	+ + + + + + + +		CLAY cream grey, with quartz and felds and sericite, weathered granite
80			
90			
100			
110			
120			

0040

SAMPLE Nos: 585670-585705

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE MAYHEW 1000	LOGGED BY P.OWEN
DRILLER W.L. SIDES	DATE DRILLED 5/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 472

ROTARY DRILL HOLE LOG

LOCATION: 19km ESE Nunjikompita

AIR: FROM..... TO.....

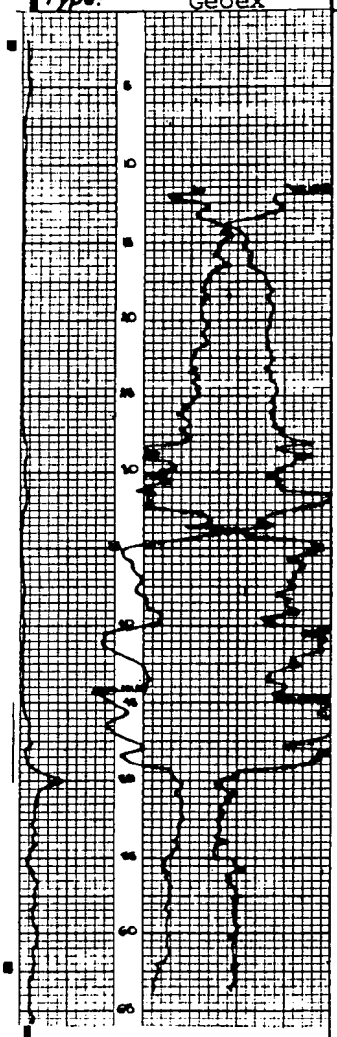
RL COLLAR: ..... m.

CO-ORDS: .....

WATER: FROM....0.. TO..66m.....

A.M.G: 55900E, 25800N °.

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0041
			CLAYEY SAND yellow brown with calcrete, fine gr.
			CLAYEY SAND orange brown, very fine grained
			CLAY cream blue green
10			CLAYEY SAND with cream silcreted sand, cream red brown
			SAND fine grained, rounded, orange brown, with clay matrix
20			
			CLAYEY SAND fine grained cream white, yellow
30			
			SAND fine grained, rounded, minor clay matrix orange to red brown
40			
50			SILTY CLAY cream brown
			CLAY black brown, humic
60			CLAY cream clay with angular quartz and sericite weathered granite
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585706-585738

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 6/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

HOLE Nº IR 473

LOCATION: 21km. ESE Nunjikompita

CO-ORDS: .....

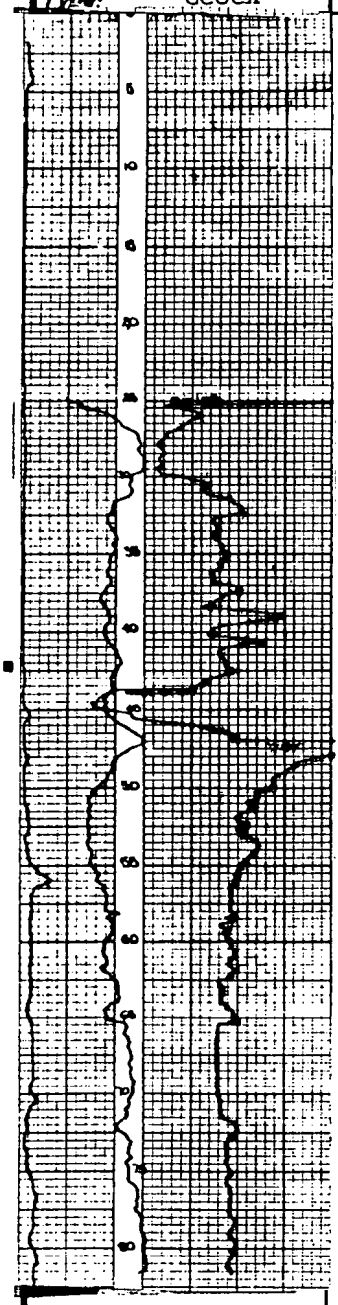
AIR: FROM..... TO.....

WATER: FROM....0.. TO..84m.....

RL COLLAR: .....

A.M.G: 57800E, 25400N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0042
			KUNKAR & SILTY SOIL cream
			SILT brown to red brown
10			SILT/SAND cemented very fine grained quartz white to yellow
			SAND fine-grained rounded quartz pale yellow
20			
			CLAYEY SILT cream
30			
			SAND fine to medium grained rounded quartz orange brown
40			
			lense SILT black, carbonaceous grey brown
50			SILTY CLAY cream brown
			CLAY/SILTY CLAY black
60			lenses fine grained SAND with humic staining
			CLAY black brown
70			SAND fine to medium grained, sub rounded to sub angular quartz, pyritic
			GRANITE coarse grained quartz in micaceous brown Clay matrix
80			
90			
100			
110			
120			

SAMPLE Nos: 584294-584335

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE MAYHEW 1000	LOGGED BY G.HOOPER
DRILLER W.L. SIDES	DATE DRILLED 6/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 474

ROTARY DRILL HOLE LOG

LOCATION: 22.5km ESE Nunjikompita

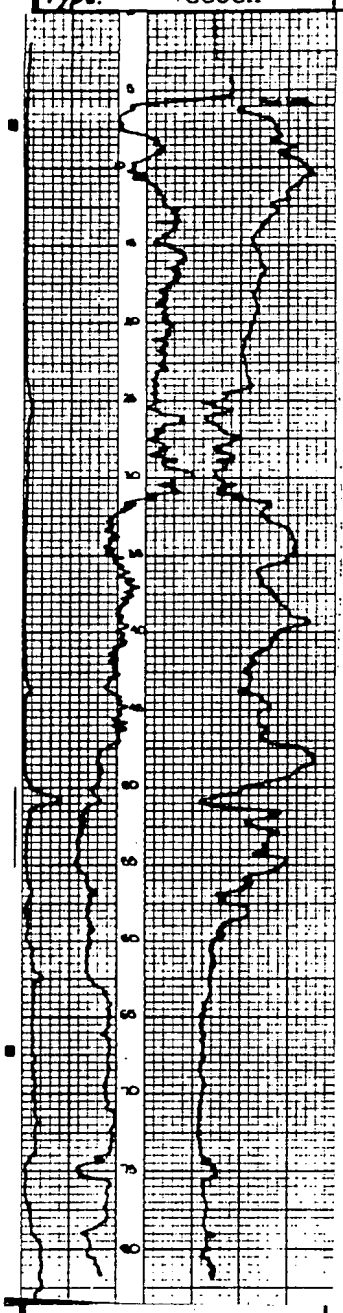
AIR: FROM ..... TO .....

RL COLLAR: ..... ft.

CO-ORDS: .....

WATER: FROM 0 TO 84m

A.M.G: 59600E, 24900N

Geophysical Log Type: Geoex	Depth Metres	Strip Log	Ox	Lithological Log 0043
	10 20 30 40 50 60 70 80 90 100 110 120			SILTY SOIL SAND cemented grey white SILT cream yellow SILT CLAYEY in part yellow to red to orange grey white brownish CLAY dark brown lenses SAND fine grained rounded quartz, brown CLAY brown black SAND medium to coarse grained sub rounded to sub angular quartz humic staining & pyrite GRANITE

SAMPLE Nos: 584336-584378

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE MAYHEW 1000	LOGGED BY G.HOOPER
DRILLER W.L. SIDES	DATE DRILLED: 6/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 475

ROTARY DRILL HOLE LOG

LOCATION: 24.5km. ESE Nunjikompita

AIR: FROM..... TO.....

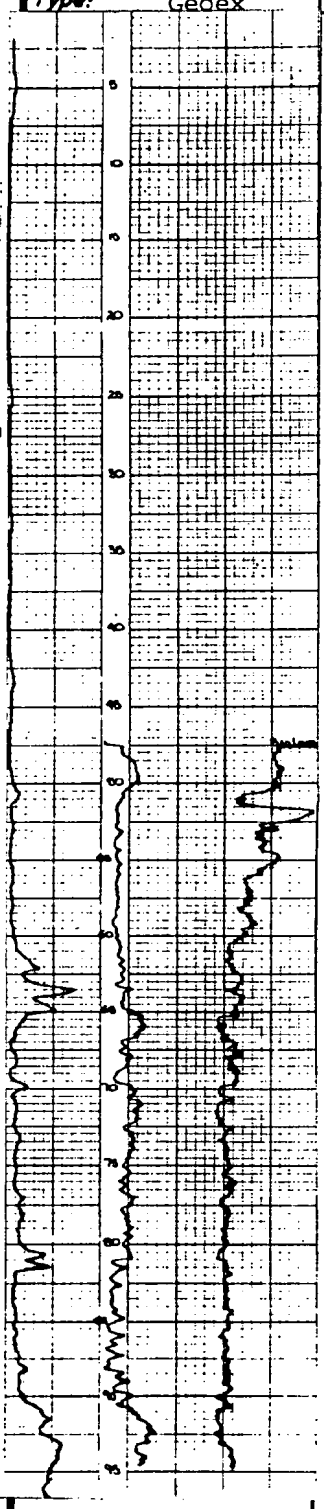
RL COLLAR: .....?

CO-ORDS: .....

WATER: FROM..0..TO..96m.....

A.M.G: 61600E, 24500N..?

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND yellow brown, fine grained with calc.
			CLAYEY SAND orange brown fine grained
10	Sil Sil Sil		SILCRETE AND SAND fine grained, yellow sand with cream, yellow silcreted sand
20			SAND fine grained, rounded, yellow
			CLAYEY SAND red brown, fine grained with coarse grained sub angular quartz beds
30			SAND fine grained, orange brown, with clay matrix
40			very fine grained, orange
			with minor cream clays
			fine grained orange
50			SANDY CLAY cream brown
60			
			CLAY & SAND cream brown and black brown clay and interbedded gravelly sub rounded to sub angular quartz, humic stained, pyritic prominently more clay with minor coarse grained gravelly sands. (black brown)
70			
80			coarse grained, pyritic, mild humic stained quartz, and minor brown clay
90	+ + + + + +		SAND with cream sandy clay with angular quartz and felds. weathered granite
100			
110			
120			

0044

SAMPLE Nos: 585739-585786

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE	MAYHEW 1000	LOGGED BY	P.OWEN
DRILLER	W L. SIDES	DATE DRILLED	6/6/80
SCALE	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 476

ROTARY DRILL HOLE LOG

LOCATION: 26.5km ESE Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: .....

CO-ORDS: .....

WATER: FROM 0 TO 60m

A.M.G: 63400E, 24200N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log
NO LOG				KUNKAR & SANDY SOIL 0045
				SILT orange brown
	10			
				SILCRETE & SAND cemented fine grained rounded quartz
	20			SILT, slightly CLAYEY yellow, grey white
	30			
				SAND fine grained rounded quartz, yellow brown and lenses SILT as above
	40			
				SAND fine grained rounded quartz, yellow brown
	50			samples to 54m drilled blind to 60m lost circulation
	60			HOLE ABD
	70			
	80			
	90			
	100			
	110			
	120			

SAMPLE Nos: 584379-584405

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 6/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No. IR 476A

ROTARY DRILL HOLE LOG

LOCATION: 26.5km ESE Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: ..... m.

CO-ORDS: .....

WATER: FROM 0 TO 70m

A.M.G.: 63400E., 24200N. °.

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0046
NO LOG				KUNKAR & SANDY SOIL
				SILT cream brown
				light brown
	10			
	20			
		Silc		SILCRETE & SAND cemented fine grained, rounded quartz
				SILT pale brown
	30			
				SAND very fine grained rounded quartz, yellow brown
	40			
				lenses CLAYEY SILT grey brown
	50			lenses CLAYEY SILT brown purple
				SAND as above, brown
	60			
				lense CARB SILT black
				GRAVEL very coarse grained, sub rounded quartz humic staining, slight suggestion of oxidn.
	70			LOST CIRCULATION
				HOLE ABD
	80			
	90			
	100			
	110			
	120			

SAMPLE Nos: 584406-584444

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER	
DRILLER: W.L. SIDES	DATE DRILLED: 6/6/80	
SCALE: 1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 476B

ROTARY DRILL HOLE LOG

LOCATION: 26.5km ESE Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: .....

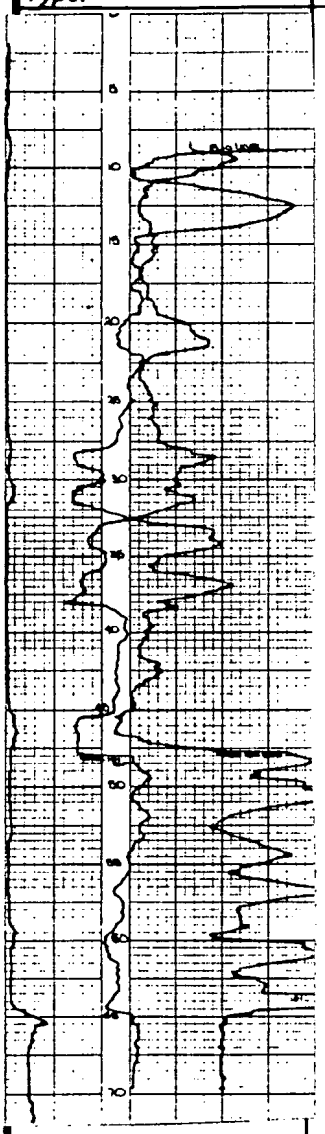
CO-ORDS: .....

WATER: FROM ...0.. TO ...72m.....

A.M.G: 63400E, 24200N

0047

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			KUNKAR & SANDY SOIL
			SILT light brown
10			SAND/SILT cemented very fine grained rounded quartz grey white, and dark red
20			SILT/SAND very fine grained rounded quartz orange brown
30			CLAYEY SILT grey green and yellow compact
40			SILT yellow brown, grey white
50			SAND very fine grained rounded quartz, yellow brown lenses SILTY CLAY white
60			SAND coarse grained sub rounded to sub angular quartz, yellow brown
70			GRANITE coarse grained angular quartz in brown clay matrix
80			
90			
100			
110			
120			

SAMPLE Nos: 584441-584476

REASON FOR HOLE: 300mE 476
500mE 476A

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 7/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No. IR 477

ROTARY DRILL HOLE LOG

LOCATION: 28.5km. ESE. Nunjikompita

AIR: FROM..... TO.....

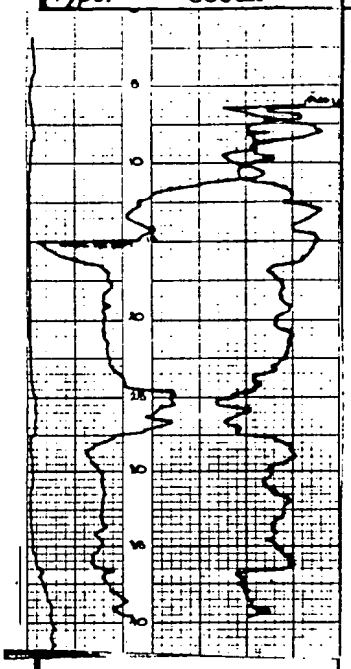
RL COLLAR: .....m.

CO-ORDS: .....

WATER: FROM...0.. TO..42m.....

A.M.G: 65300E, 23700N..°.

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND yellow brown with calcrete and topsoil
			CLAYEY SAND orange brown fine grained
			CLAYEY SAND & SILCRETE cream and red silcreted sand and orange clay sand
10			
			with minor clays
20			CLAYEY SAND fine grained orange with minor brown clayey silts with minor red silty clays
			SILTY CLAY red and cream browns
30			CLAYEY SAND fine grained orange brown with minor silty clays
40			CLAY cream and cream red clay with angular quartz weathered granite
50			
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585787-585807

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE MAYHEW 1000	LOGGED BY P.OWEN
DRILLER W.L. SIDES	DATE DRILLED 6/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 478

ROTARY DRILL HOLE LOG

LOCATION: 17km. S. Nunjikompita

AIR: FROM..... TO.....

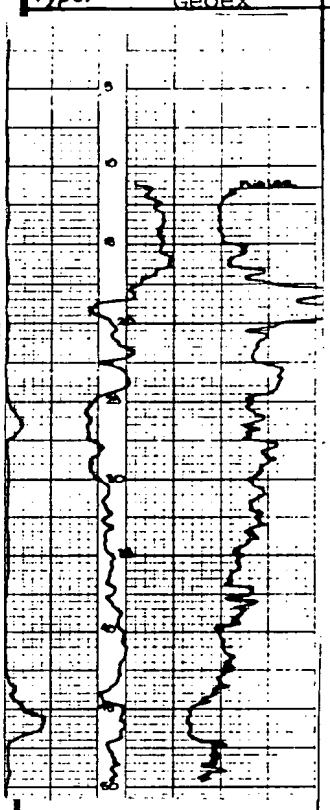
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM...0.. TO..52m.....

A.M.G: 34600E, 24300N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND cream white, with calcrete
			with silcreted sand
10			SANDY CLAY cream white, yellow
			CLAYEY SAND orange brown with silcreted sand
20			SANDY CLAY orange brown (mucky)
			CLAYEY SAND orangy yellow fine grained
30			
			with nodular calcrete
40			
			with minor cream clay lenses
			CLAY cream white
			cream brown and white
50			SAND medium grained angular quartz with
			cream red clay matrix
			weathered granite
60			
70			
80			
90			
100			
110			
120			

0049

SAMPLE Nos: 585808-585833

REASON FOR HOLE

OTHER DETAILS

DRILL TYPE MAYHEW 1000	LOGGED BY P. OWEN
DRILLER W.L. SIDES	DATE DRILLED 7/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 479

ROTARY DRILL HOLE LOG

LOCATION: 17km SSW Nunjikompita

AIR: FROM ..... TO .....

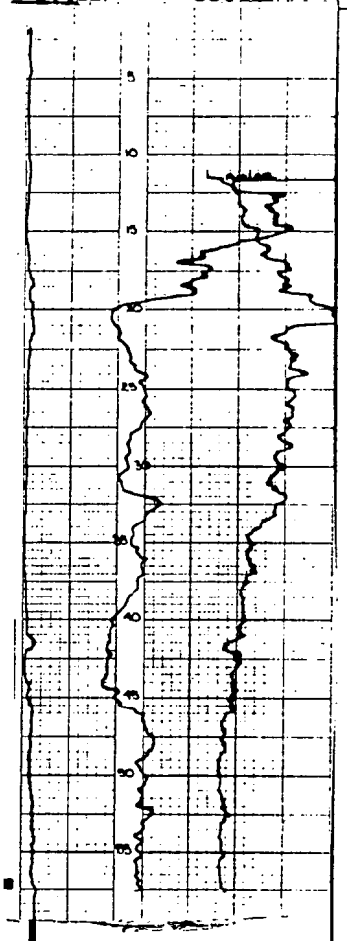
WATER: FROM ...0.. TO ..60m.....

RL COLLAR: .....

CO-ORDS: .....

A.M.G: 33100E, 12700N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			KUNKAR, bouldery
			SILT/SAND and SILCRETE boulders yellow brown
			SAND/SILT very fine grained rounded quartz yellow orange
			SANDY CLAY cream white, medium to fine grained qtz
			GRANITE coarse grained angular quartz purplish and cream white minor pink felds in sericitic, kaolinitic clay

0050

SAMPLE Nos: 584477-584506

REASON FOR HOLE: HOLE 2M W 14m ABD

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 7/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 480

ROTARY DRILL HOLE LOG

LOCATION: 18km SSW Nunjikompita

AIR: FROM ..... TO .....

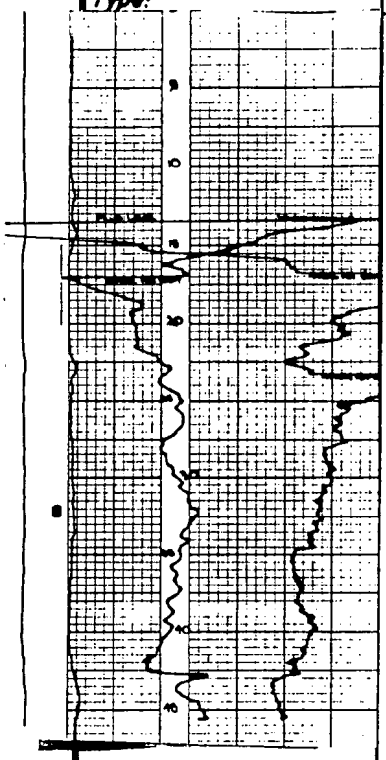
RL COLLAR: ..... m

CO-ORDS: .....

WATER: FROM ...0.. TO ..48m.....

A.M.G. 13000E 31200N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CLAYEY SAND fine grained, cream white with calcrete top 2m
10			
			CLAYEY SAND very fine grained rounded quartz yellow brown with silcreted sand
20			
			orange very fine grained
30			
			red
40			slightly coarser grained
			CLAY red white and mauve with sericite weathered granite
50			
60			
70			
80			
90			
100			
110			
120			

0051

SAMPLE Nos: 585858-585881

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE MAYHEW 1000	LOGGED BY P.OWEN
DRILLER W.L. SIDES	DATE DRILLED 7/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 481

ROTARY DRILL HOLE LOG

LOCATION: 18km. SW. Nunjikompita

AIR: FROM ..... TO .....

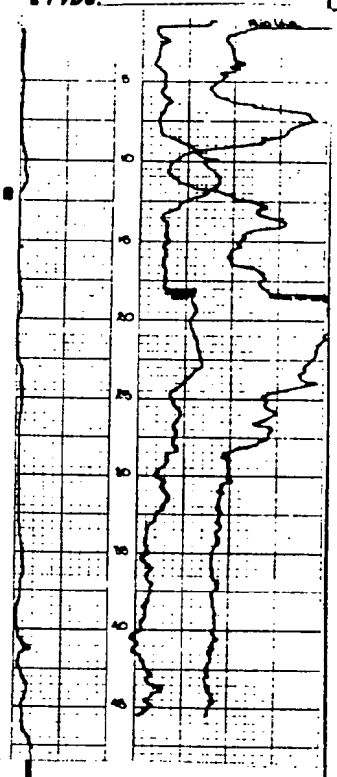
WATER: FROM 0 TO 48m

RL COLLAR: .....

CO-ORDS: .....

A.M.G: 29100E, 13400N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0052
			CLAYEY SAND cream white, fine grained with calc. with silcreted sand
10			CLAYEY SAND orange brown, fine grained with cream lenses
			CLAYEY SAND fine grained, rounded quartz, in clay matrix with sandy clays, cream orange with silcreted sands
20			
30			CLAYEY SILT/SAND very fine grained, orange, cream and red lenses
			with medium to coarse grained, sub angular to sub rounded quartz
40			CLAY cream pink with sericite weathered granite
50			
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585834-585857

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	P.OWEN
DRILLER:	W.L. SIDES	DATE DRILLED:	7/6/80
SCALE	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 482

ROTARY DRILL HOLE LOG

LOCATION: 18.5km SW Nunjikompita

AIR: FROM ..... TO .....

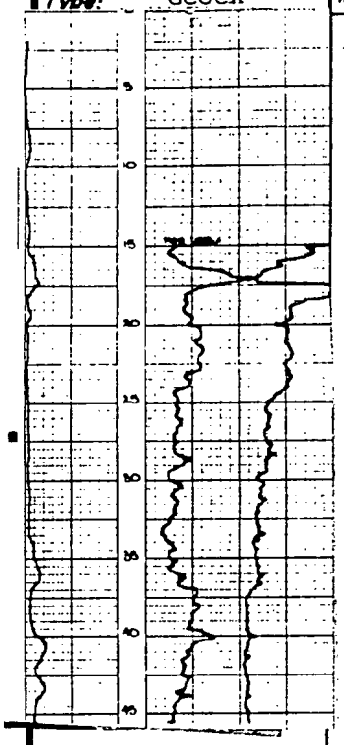
WATER: FROM ...0.. TO ..48m.....

RL COLLAR: .....

A.M.G: 27300E, 13800N

CO-ORDS: .....

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0053
			CALCRETE fragmented calcrete, cream white
10			CLAYEY SAND orange brown, very fine to fine grained cream lense with silcreted sand (orange)
20			SILTY CLAY very fine grained silty clay, mauve, yellow and cream brown CLAYEY SAND orange, fine grained, with minor silcretes and silty and sandy clays
30			red
40			CLAY white clay with angular quartz and felds and sericite, weathered granite
50			
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585882-585905

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE MAYHEW 1000	LOGGED BY P.OWEN
DRILLER W.L. SIDES	DATE DRILLED 8/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 483

ROTARY DRILL HOLE LOG

LOCATION: 19km. SW. Nunjikompita

AIR: FROM ..... TO .....

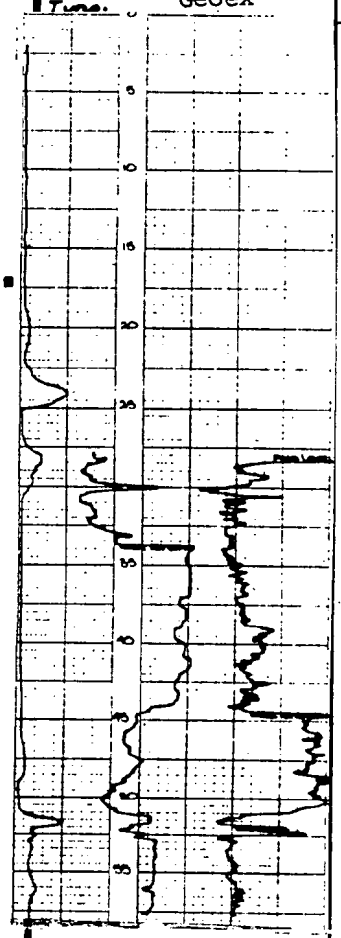
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM ...0.. TO ..60m....

A.M.G.: 25800E., 14800N.

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0054
			KUNKAR/LIMESTONE
10			SAND/SILT CALCAREOUS cream
20			CLAY cream brown CLAYEY SILT greenish, hard, compact CLAYEY SILT yellow orange
30			
40			SILT/SAND very fine grained rounded quartz, red
50			SAND medium grained sub rounded quartz pink red, yellow orange GRANITE grey white sericitic coarse grained angular quartz
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585007-585036

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 8/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No. IR 484

ROTARY DRILL HOLE LOG

LOCATION: 19km SW Nunjikompita

AIR: FROM ..... TO .....

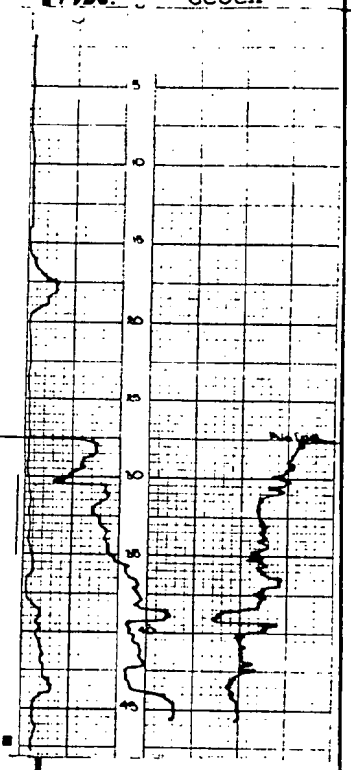
RL COLLAR: ..... m.

CO-ORDS: .....

WATER: FROM ...0.. TO ..48m.....

A.M.G: 24200E, 15900N.

0055

Geophysical Log Type: Geoex	Depth Metres	Strip Log	Ox	Lithological Log
	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120			CALCRETE fragmented calcrete cream white CLAYEY SAND/SILT orange brown, very fine to fine grained, with silcreted sand with minor mauve clays and cream silty clays very fine grained (clayey silt) red CLAYEY SAND fine to medium grained, red sub rounded to sub angular CLAY cream white and red with sericite weathered basement

SAMPLE Nos: 585906-585929

REASON FOR HOLE:	DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN	
	DRILLER: W.L. SIDES	DATE DRILLED: 8/6/80	
OTHER DETAILS:	SCALE: 1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 485

ROTARY DRILL HOLE LOG

LOCATION: 19.5 km. SW. Nunjikompita

AIR: FROM..... TO.....

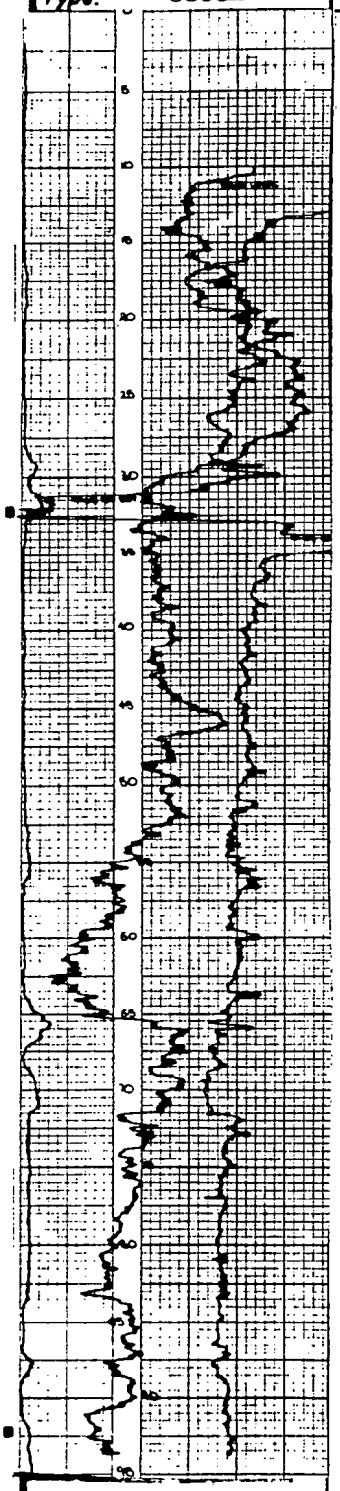
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM..0... TO..96m.....

A.M.G: 22700E, 17100N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0056
			KUNKAR
10			SILT/SAND calcareous, cream white
20			SILT slightly CLAYEY orange brown
30			CLAY grey purple
40			CLAYEY SILT light brown grey white
50			red brown, yellow orange and light brown
60			
70			SANDY CLAY yellowish, fine to medium grained sub rounded quartz CLAY brown black slightly SILTY lense SAND fine grained, rounded quartz yellow brown
80			
90			SAND medium grained sub rounded to sub angular quartz, humic staining GRANITE minor coarse grained angular quartz in micaceous sericitic matrix
100			
110			
120			

SAMPLE Nos: 585037-585085

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 8/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 486

ROTARY DRILL HOLE LOG

LOCATION: 19.5km SW Nunjikompita

AIR: FROM ..... TO .....

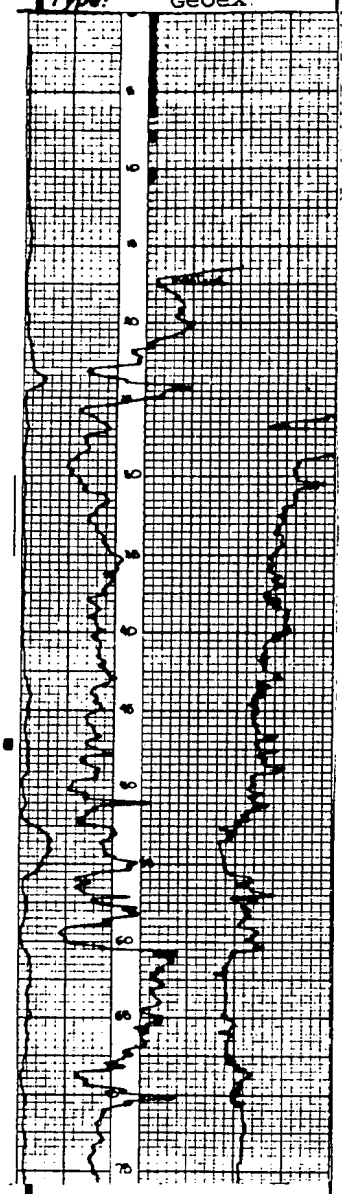
RL COLLAR: .....

CO-ORDS: .....

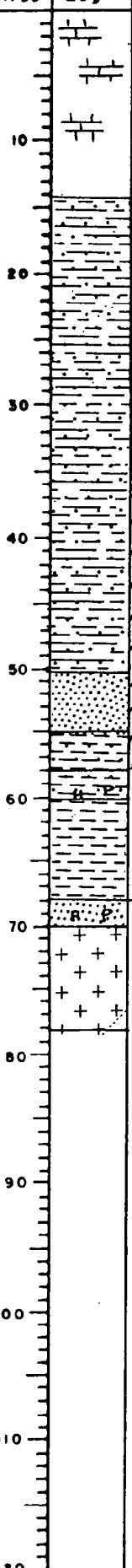
WATER: FROM 0 TO 78m

A.M.G: 21500E, 18400N

Geophysical Log Type: Geoex



Depth Metres



Strip Log

Ox

Lithological Log

0057

CALCRETE fractured calcrete and calcified sands, cream white

CLAYEY SAND/SILT orange brown, with silcreted sand/silt
very fine grained

with mauve clays

red brown, with silcrete frags. fine grained

SAND red brown, with clay matrix, medium grained rounded to sub rounded quartz and sil.frags

CLAY & SAND cream brown clay and oxidised sand as above

CLAY & SAND cream brown, brown & black, some micaceous clay with medium grained sub round humic pyritic quartz

CLAY, black brown humic

SAND medium grained sub rounded, humic stained pyritic with cream clays

CLAY cream white clay with angular quartz clays and sericite
weathered granite

SAMPLE Nos: 585930-585968

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE	MAYHEW 1000	LOGGED BY	P.OWEN
DRILLER	W.L. SIDES	DATE DRILLED	8/6/80
SCALE	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 487

ROTARY DRILL HOLE LOG

LOCATION: 19.5km WSW Nunjikompita

AIR: FROM ..... TO .....

WATER: FROM 0 TO 54m

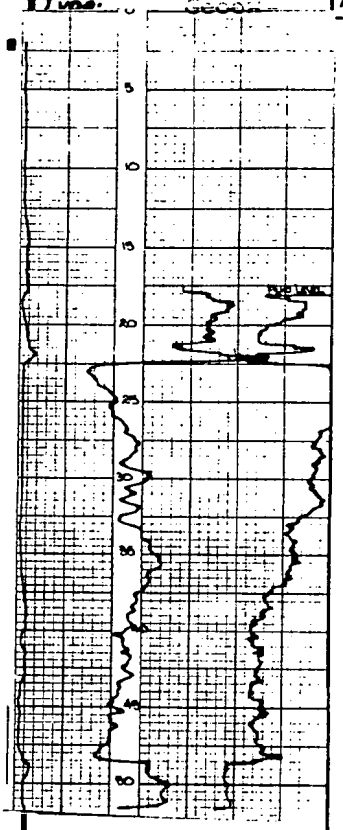
RL COLLAR: .....

A.M.G: 20600E, 20200N

CO-ORDS: .....

0058

Geophysical Log Type: Geo



Depth Metres	Strip Log	Ox	Lithological Log
			KUNKAR
			SILT calcareous, cream
10			
			CLAYEY SILT brown and grey green hard compact
			CLAY calcareous cream
20			SILCRETE
			CLAY & SAND grey purple clay, very fine grained rounded quartz, yellow-brown green
			SAND very fine grained rounded quartz, yellow-brown green
30			
40			SAND fine to medium grained sub rounded quartz yellow green
			SAND medium to coarse grained sub angular qtz.red
50			GRANITE much coarse grained angular quartz in white kaolinitic matrix
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585086-585112

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	G.HOOPER
DRILLER:	W.L. SIDES	DATE DRILLED:	8/6/80
SCALE:	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 488

ROTARY DRILL HOLE LOG

LOCATION: 18.5 km WSW Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: ..... m.

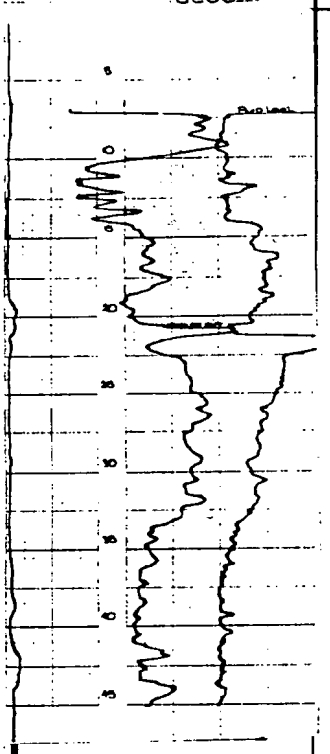
CO-ORDS: .....

WATER: FROM 0 TO 48m

A.M.G. 20300E, 22200N ..... °

0059

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CALCRETE calcrete particules and calcified fine grained sand
10			CLAYEY SAND orange brown, fine grained rounded
			CLAYEY SAND reddy orange fine grained (mucky)
20			with mauve clay lenses
30			CLAYEY SILT orange brown, with grey clays
			CLAYEY SAND fine grained, red, with silcreted and ferricreted particles.
40			SILTY CLAY yellow, micaceous, fine silty clay
			CLAY cream white and red clay with angular quartz and sericite
			weathered granite
50			
60			
70			
80			
90			
100			
110			
120			

SAMPLE Nos: 585969-585992

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 9/6/80
SCALE: 1 500	DRG./CODE No:

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

PROSPECT: NUNJIKOMPITA

HOLE No: IR 489

LOCATION: 18.5km WSW Nunjikompita

AIR: FROM ..... TO .....

WATER: FROM ...0.. TO ...72m ...

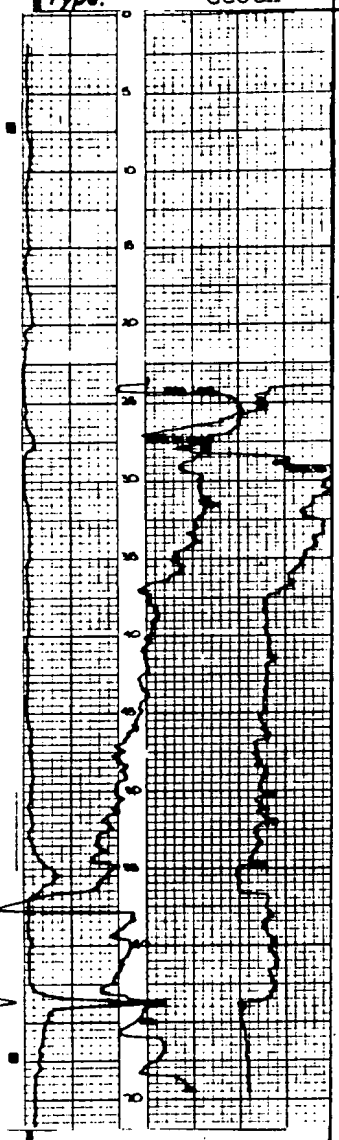
RL COLLAR: ..... m

CO-ORDS: .....

A.M.G: 19900E, 23900N

0060

Geophysical Log Type: Geoex



Depth Metres	Lithological Log
	KUNKAR & SILT calcareous
10	SILT light brown
	brown
	minor grey white
20	SILTY CLAY dark brown and yellow and pink grey
	SILTY SAND yellow brown, fine grained rounded quartz
30	SAND fine grained, rounded quartz orange brown
40	red brown
50	SAND medium grained sub rounded to sub angular quartz, pink red and yellow orange
	CLAY brown micaceous
60	lenses SAND fine grained rounded quartz brown
	CLAY black
70	GRANITE coarse grained angular quartz in white CLAY matrix
80	
90	
100	
110	
120	

SAMPLE Nos: 585113-585148

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE	MAYHEW 1000	LOGGED BY	G.HOOPER
DRILLER	W.L. SIDES	DATE DRILLED	8/6/80
SCALE	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 490

ROTARY DRILL HOLE LOG

LOCATION: 19km WSW Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: .....

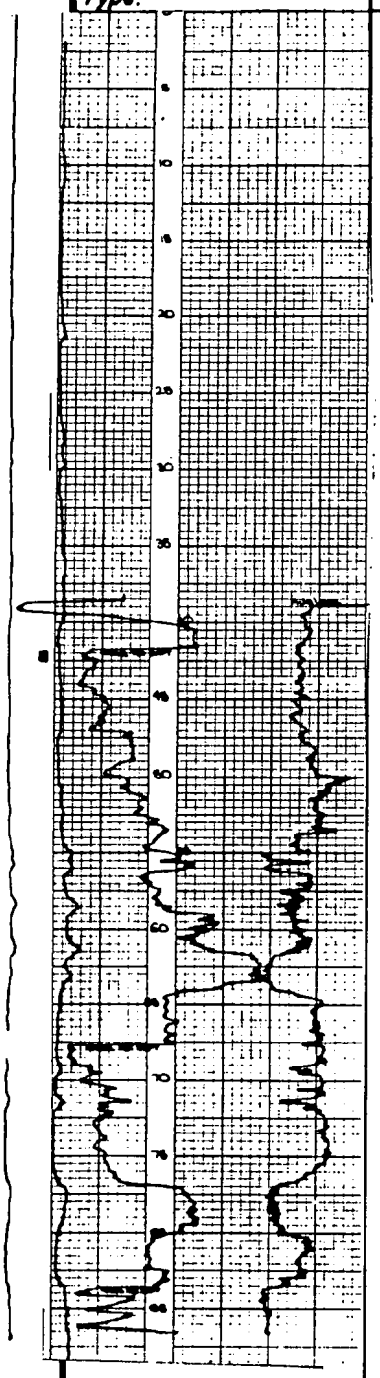
CO-ORDS: .....

WATER: FROM 0 TO 90m

A.M.G. 18900E, 25700N

0061

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			KUNKAR & SILT calcareous cream
10			
			SILT pale brown
20	SIL.		SILCRETE
			SILT/SAND very fine grained rounded quartz pale brown
30	SIL.		SILCRETE
			SAND fine grained rounded quartz, light brown
40			pink brown
50			SAND medium to coarse grained sub rounded quartz yellow orange
			CLAY grey brown
60			CLAY black and woody
			SAND fine grained rounded to sub rounded quartz clean
70	P		SAND medium to coarse grained sub rounded to sub angular quartz, trace pyrite trace oxidation yellow orange staining
			SILTY CLAY brown black
80	P	?	SAND fine to medium grained rounded quartz trace pyrite, medium to coarse towards base
	+ + + + + +		GRANITE much coarse grained angular quartz in white kaol. matrix
90			
100			
110			
120			

SAMPLE Nos: 585149-585193

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	G.HOOPER
DRILLER:	W.L. SIDES	DATE DRILLED:	9/6/80
SCALE:	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

HOLE Nº IR 491

LOCATION: 20.5km WSW Nunjikompita

AIR: FROM ..... TO .....

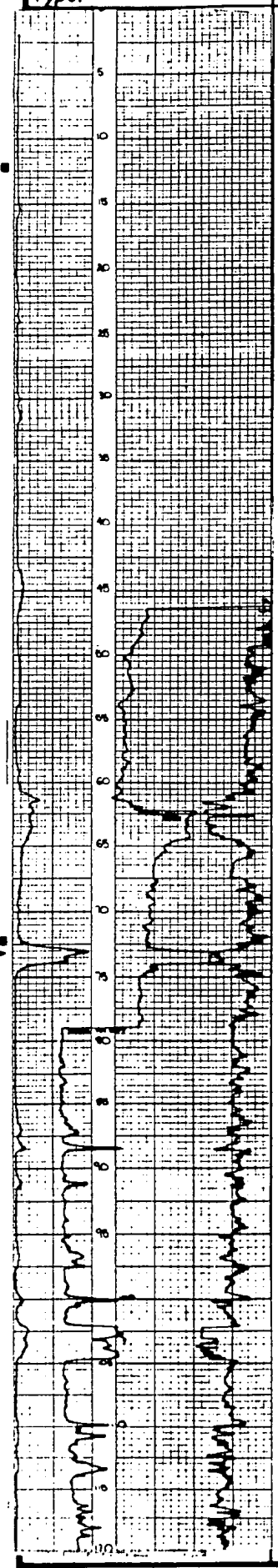
RL COLLAR: .....

CO-ORDS: .....

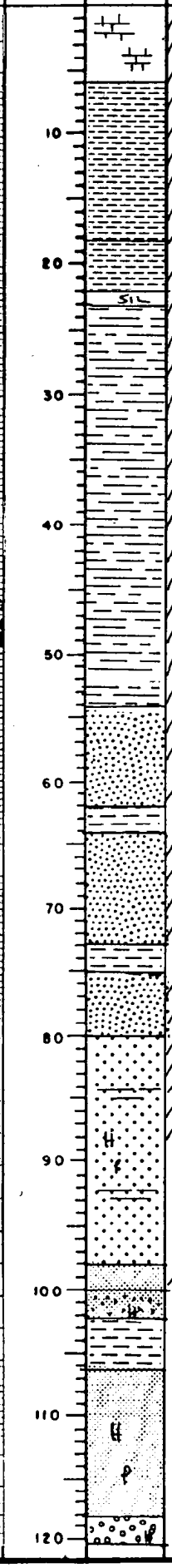
WATER: FROM 0 TO 150m

A.M.G. 17200E, 27000N

Geophysical Log Type: Geoex



Depth Metres



Strip Log

Ox

Lithological Log 0062

KUNKAR

SILT calcareous, cream

SILT white and light brown
SILCRETE
CLAYEY SILT yellow brown and orange

SAND slightly CLAYEY medium grained sub rounded quartz, yellow and red brown
CLAY grey brown
SAND medium grained sub rounded quartz, much oxidation

CLAY black
SAND fine to coarse grained sub rounded quartz

SAND medium to coarse grained sub rounded to sub angular quartz minor yellow staining.
lenses CLAY, black and SILTY

lense CLAY black, mild humic staining

SAND fine grained rounded quartz, oxidised?
SAND fine to medium grained, humic staining
CLAY dark brown

SAND fine to medium grained, sub rounded quartz trace pyrite, mild humic staining

coarse grained sub rounded quartz
GRAVELLY SANDmild h.

SAMPLE Nos: 585194-585268

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE	LOGGED BY
DRILLER	DATE DRILLED
SCALE 1 500	DRG./CODE No:

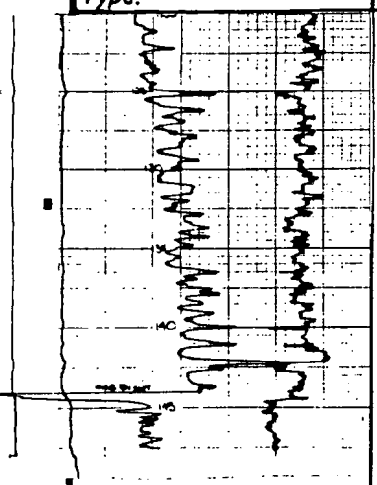
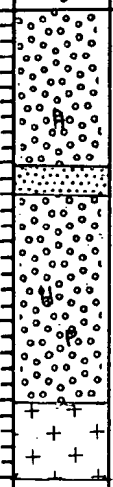
CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

HOLE No. IR 491

Cont

0068

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log
	130 140 150 160 170 180 190 200			GRAVELLY SAND very coarse grained, sub rounded quartz, clean, mild humic staining SAND medium to coarse grained, sub rounded to sub angular quartz. GRAVELLY SAND very coarse grained, sub rounded quartz, clean, mild humic staining trace pyrite CLAY white, weathered granite

SAMPLE Nos: 585194-585268

REASON FOR HOLE:	DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
	DRILLER: W.L. SIDES	DATE DRILLED: 9/6/80
OTHER DETAILS:	SCALE: 1:500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 492

ROTARY DRILL HOLE LOG

LOCATION: 22km W Nunjikompita

AIR: FROM ..... TO .....

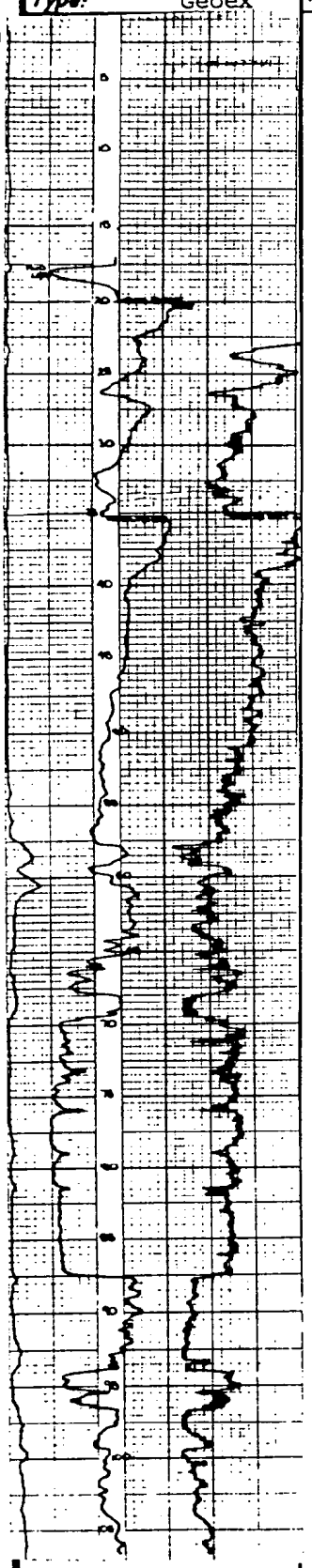
RL COLLAR: .....

CO-ORDS: .....

WATER: FROM ...0.. TO ...102m..

A.M.G: 15700E, 27800N

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log 0064
			KUNKAR & SILT calcareous
10			
			SILT light brown
20			
			SAND & SILTY CLAY fine grained rounded quartz cream and light brown
30			
			SILTY CLAY yellow brown, light brown
40			SILT/SAND very fine grained rounded quartz red brown
50			SAND fine grained rounded quartz, red brown
			fine to medium grained rounded quartz
60			CLAY black and woody
			CLAY black and woody
70			lense SAND medium grained sub rounded quartz may be reduced or oxidised
			SAND medium grained sub rounded quartz, brown colour, trace pyrite, but appears to be oxidised (yellow staining) lenses CLAY black
80			
			CLAY dark brown
90			
			SAND medium grained sub rounded to sub angular quartz with humic staining
100			GRANITE coarse grained angular quartz in clay matrix
110			
120			

SAMPLE Nos: 585269-585319

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE	MAYHEW 1000	LOGGED BY	G.HOOPER
DRILLER	W.L. SIDES	DATE DRILLED	9/6/80
SCALE	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 493

ROTARY DRILL HOLE LOG

LOCATION: 23.5km W. Nunjikompita

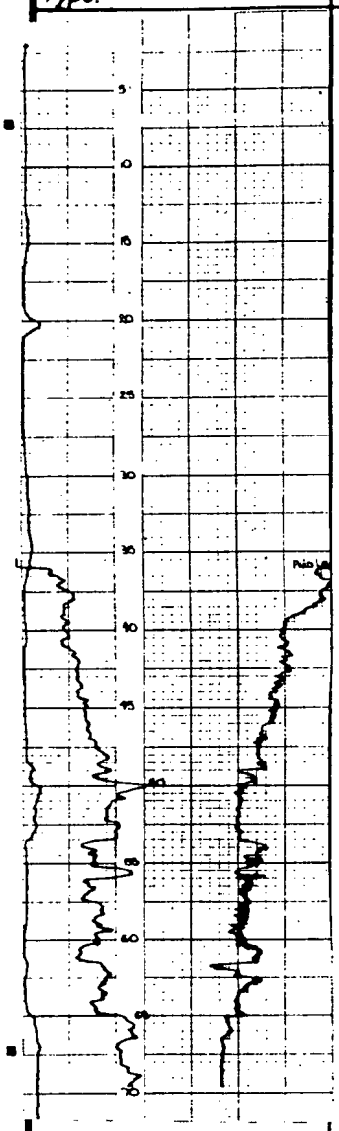
AIR: FROM ..... TO .....

RL COLLAR: ..... m.

CO-ORDS: .....

WATER: FROM 0 TO 72m

A.M.G: 13800E, 28700N

Geophysical Log Type: Geoex	Depth Metres	Strip Log	Ox	Lithological Log 0065
	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120			CALCRETE fractured calcrete and calcreted sand CLAYEY SAND orange brown, fine grained orangy yellow, micaceous red brown, orange and cream, with minor medium to coarse grained quartz, sub rounded to sub angular CLAYEY SAND medium grained orange, sub rounded to sub angular poorly sorted CLAY & SAND cream brown micaceous clay interbedded with a poorly sorted medium grained sub rounded to sub angular sand, some orange clay, and gravelly qtz some fine grained lenses, more sand than clay. CLAY cream pink, with quartz and felds, and sericite cream grey, weathered granite

586507-586528

SAMPLE Nos: 585993-586006

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	P.OWEN
DRILLER:	W.L. SIDES	DATE DRILLED:	10/6/80
SCALE:	1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 494

ROTARY DRILL HOLE LOG

LOCATION: 25km. W. Nunjikompita

AIR: FROM..... TO.....

RL COLLAR: .....

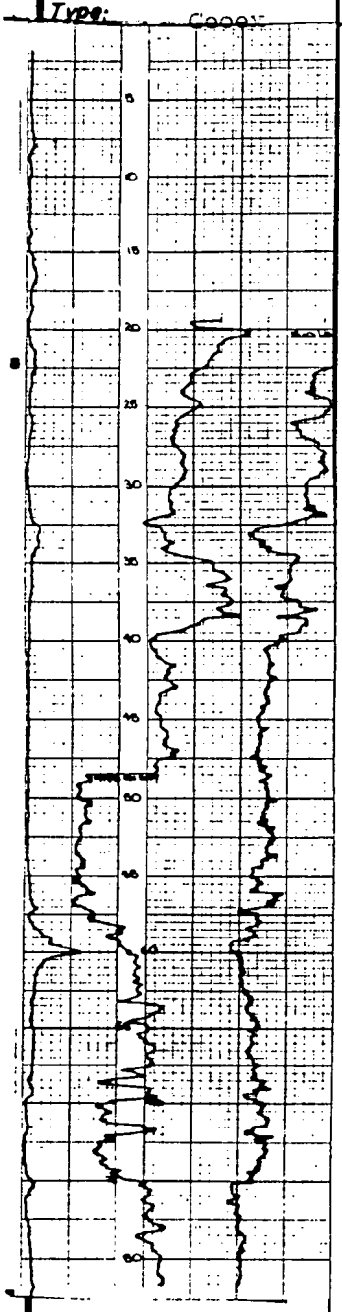
CO-ORDS: .....

WATER: FROM...0.. TO...84m....

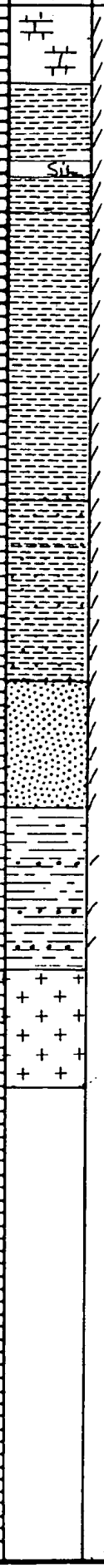
A.M.G: 12600E, 30000N

0066

Geophysical Log Type: Cooper



Depth Metres | Strip Log | Ox | Lithological Log



KUNKAR

SILT light brown

SILCRETE

SILT grey white dark red and light brown cemented in parts

SILT yellow brown slightly CLAYEY

SILT/SAND very fine grained rounded quartz slightly CLAYEY pale red brown

SAND slightly CLAYEY medium grained, sub rounded quartz, pale red brown

SILTY CLAY black minor dark brown interbedded SAND fine to medium grained sub rounded quartz, yellow staining

CLAY white, weathered granite

SAMPLE Nos: 585320-585361

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE: MAYHEW 1000	LOGGED BY: G.HOOPER
DRILLER: W.L. SIDES	DATE DRILLED: 10/6/80
SCALE: 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 495

ROTARY DRILL HOLE LOG

LOCATION: 26km WNW Nunjikompita

AIR: FROM ..... TO .....

RL COLLAR: ..... m

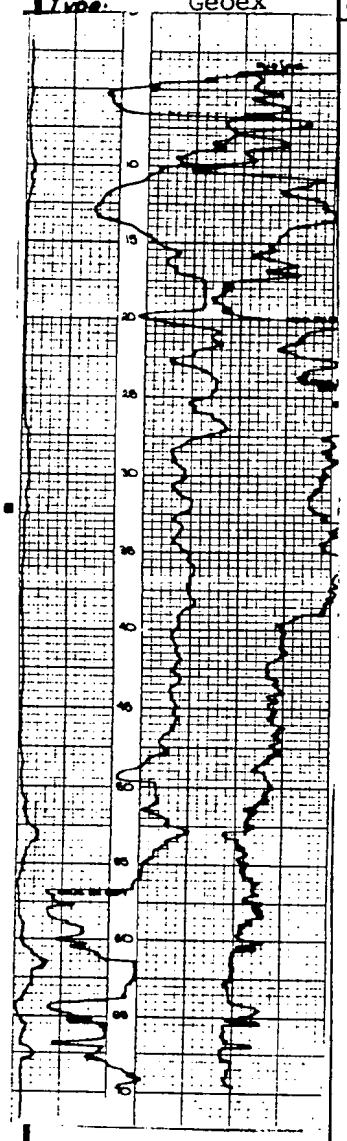
CO-ORDS: .....

WATER: FROM ...0... TO ...72m...

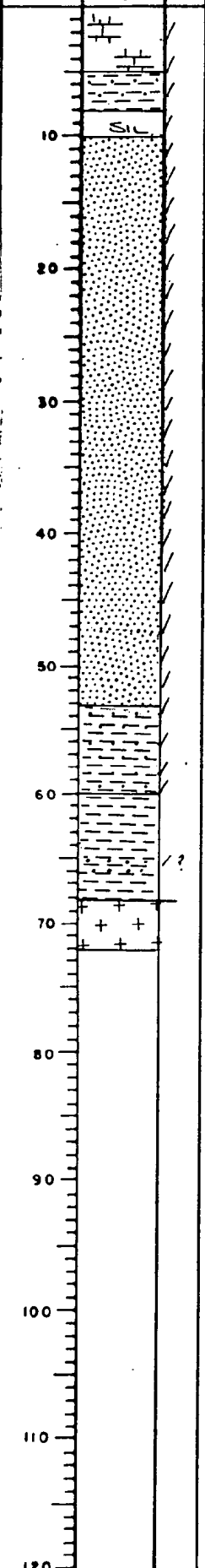
A.M.G: 11800E, 31700N

0067

Geophysical Log Type: Geoex



Depth Metres	Strip Log	Ox	Lithological Log
			CALCRETE cream white, fractured calcrete and calcareous sand
			CLAYEY SAND orange brown, fine grained
			SILCRETE silcreted sand orange and red
			SAND yellow brown, medium grained sub- rounded to sub angular quartz with silcrete frags.
			CLAY & SAND cream brown, micaceous clay and medium grained sub rounded to sub angular quartz
			CLAY black brown
			sand
			CLAY cream white, with angular quartz and sericite weathered granite



SAMPLE Nos: 586529-586564

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: W.L. SIDES	DATE DRILLED: 10/6/80
SCALE 1 500	DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 800

ROTARY DRILL HOLE LOG

LOCATION: 19.5km E Wirrulla

AIR: FROM ..... TO .....

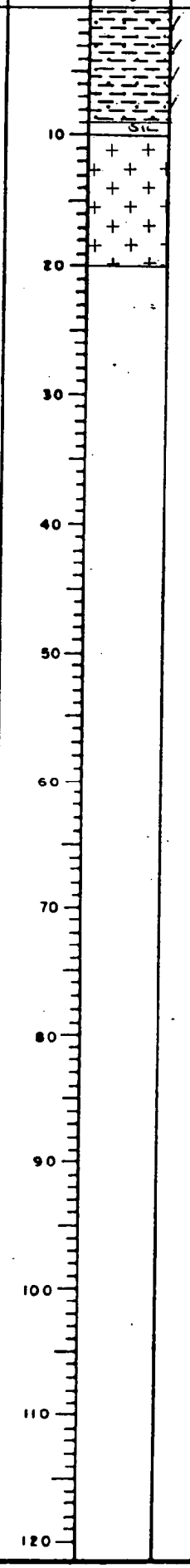
RL COLLAR: 122 m

CO-ORDS: .....

WATER: FROM 0 TO 20m

A.M.G: 74300E, 09900N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0068
NOT LOGGED				CLAYEY SAND orange, fine grained with calcrete
				SILCRETE yellow coarse grained silcreted sand
				GRANITE cream clay with feldspar and angular quartz



SAMPLE Nos: 593007–593015

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE: MAYHEW 1000

DRILLER: THOMPSON DRILLING

SCALE: 1:500

LOGGED BY: P.OWEN

DATE DRILLED: 9/10/80

DRG./CODE No:

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 801

ROTARY DRILL HOLE LOG

LOCATION: 20km E Wirrulla

AIR: FROM ..... TO .....

WATER: FROM 0 TO 24m

RL COLLAR: 124 m

CO-ORDS: .....

A.M.G. 75800E, 11300N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log
NOT LOGGED				CLAYEY SAND fine grained, calcareous, orange
	10	SIL		SILCRETE coarse grained silcreted sand, orange
	20			GRANITE cream clay with sericite and angular quartz
	30			
	40			
	50			
	60			
	70			
	80			
	90			
	100			
	110			
	120			

0069

SAMPLE Nos: 593016–593027

REASON FOR HOLE:	DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN	
OTHER DETAILS	DRILLER: THOMPSONS	DATE DRILLED: 9/10/80	
	SCALE: 1 500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 802

ROTARY DRILL HOLE LOG

LOCATION: 21km E Wirrulla

AIR: FROM ..... TO .....

WATER: FROM 0 TO 24m

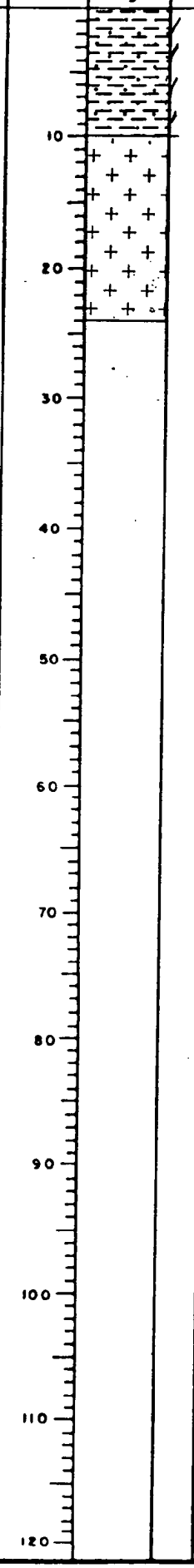
RL COLLAR: 100 m

CO-ORDS: .....

A.M.G. 77600E, 12300N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log
NOT LOGGED				CLAYEY SAND fine grained, orange, calcareous with calcrete and silcreted sand
				GRANITE cream clay, with sericite fresh granite with feldspar biotite and angular quartz

0070



SAMPLE Nos: 593028-593039

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	P.OWEN
DRILLER:	THOMPSONS	DATE DRILLED:	9/10/80
SCALE:	1:500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 803

ROTARY DRILL HOLE LOG

LOCATION: 22km E Wirrulla

AIR: FROM 0 TO 8

RL COLLAR: 100 m

CO-ORDS:

WATER: FROM 8 TO 22m

A.M.G: 79800E, 12700N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log
NOT LOGGED				SAND fine grained, yellow with calcrete at top
				CLAY black grey
				BASEMENT chips of "granitic" basement very hard

0071

SAMPLE Nos: 593039-593050

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE:	MAYHEW 1000	LOGGED BY	P.OWEN
DRILLER:	THOMPSONS	DATE DRILLED:	9/10/80
SCALE:	1:500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

ROTARY DRILL HOLE LOG

HOLE Nº IR 804

LOCATION: 18km E Wirrulla

AIR: FROM ..... TO .....

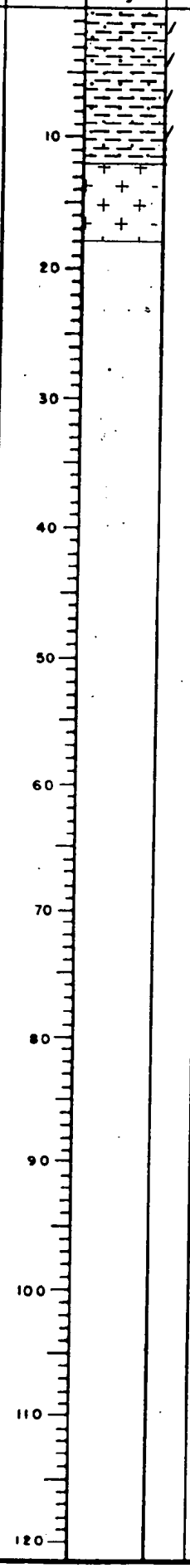
WATER: FROM 0 TO 18m

RL COLLAR: 110 m

CO-ORDS: .....

A.M.G: 72700E, 08800N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0072
NOT LOGGED				CLAYEY SAND fine grained, orange, with calcrete
				GRANITE red sand, medium to coarse grained, sub angular to angular cream clay with sericite



SAMPLE Nos: 593051-593059

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE:	MAYHEW 1000	LOGGED BY	P.OWEN
DRILLER:	THOMPSONS	DATE DRILLED:	9/10/80
SCALE:	1:500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 805

ROTARY DRILL HOLE LOG

LOCATION: 2km E Wirrulla

CO-ORDS: .....

AIR: FROM ..... TO .....

WATER: FROM 0 TO 42m

RL COLLAR: 88 m

A.M.G: 58800E, 14700N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0073
NOT LOGGED				CALCAREOUS SAND powdered calcrete
				SILTY/SANDY CLAY orange
	10	SIL		SILCRETE silcreted fine grained sand, cream, with fine grains, with fine grained yellow sand
	20			SAND fine grained, yellow, orange and red
	30			
	40			GRANITE angular quartz and feldspar with biotite
	50			
	60			
	70			
	80			
	90			
	100			
	110			
	120			

SAMPLE Nos: 593060-593080

REASON FOR HOLE:

OTHER DETAILS:

DRILL TYPE:	MAYHEW 1000	LOGGED BY:	P.OWEN
DRILLER:	THOMPSONS	DATE DRILLED:	9/10/80
SCALE:	1:500	DRG./CODE No:	

PROSPECT: NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE Nº IR 806

LOCATION: 4km E Wirrulla

ROTARY DRILL HOLE LOG

CO-ORDS:

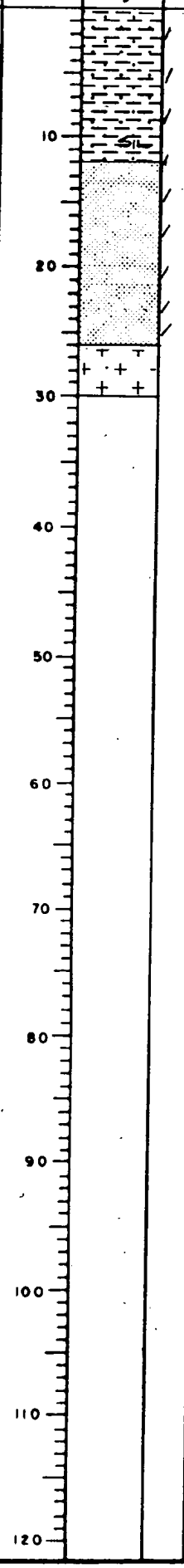
AIR: FROM ..... TO .....

WATER: FROM 0 TO 30m

RL COLLAR: 90 m

A.M.G. 60200E, 14800N

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log 0074
NOT LOGGED				CLAYEY SAND fine grained, orange with calcrete and silcreted sand and calcareous sand
				SAND fine grained, yellow and orange with minor silcrete
				GRANITE white feldspar and angular quartz



SAMPLE Nos: 593081-593095

REASON FOR HOLE:

OTHER DETAILS.

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: THOMPSONS	DATE DRILLED: 9/10/80
SCALE: 1 500	DRG./CODE No:

PROSPECT NUNJIKOMPITA

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

HOLE No. IR 807

ROTARY DRILL HOLE LOG

LOCATION 6km E. Wirrulla

CO-ORDS: .....

AIR: FROM ..... TO .....

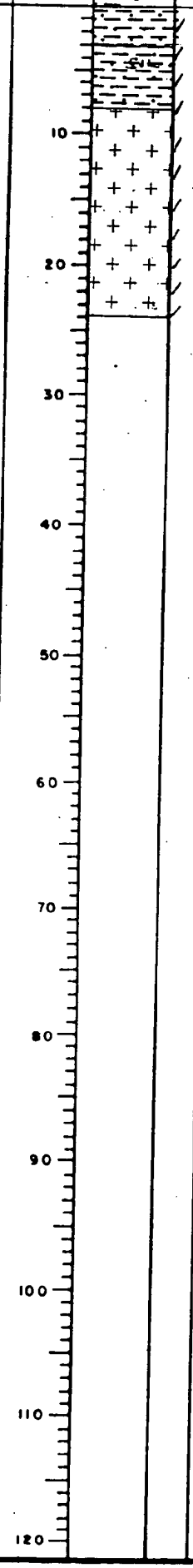
WATER: FROM 0 TO 24m

RL COLLAR: 92 m

A.M.G 62200E, 15000N

0075

Geophysical Log Type:	Depth Metres	Strip Log	Ox	Lithological Log
				CLAYEY SAND yellow brown with topsoil SILCRETE & CLAYEY SAND cream silcreted sand with fine grained orange clayey sand GRANITE highly weathered, with red & yellow sericitic clay

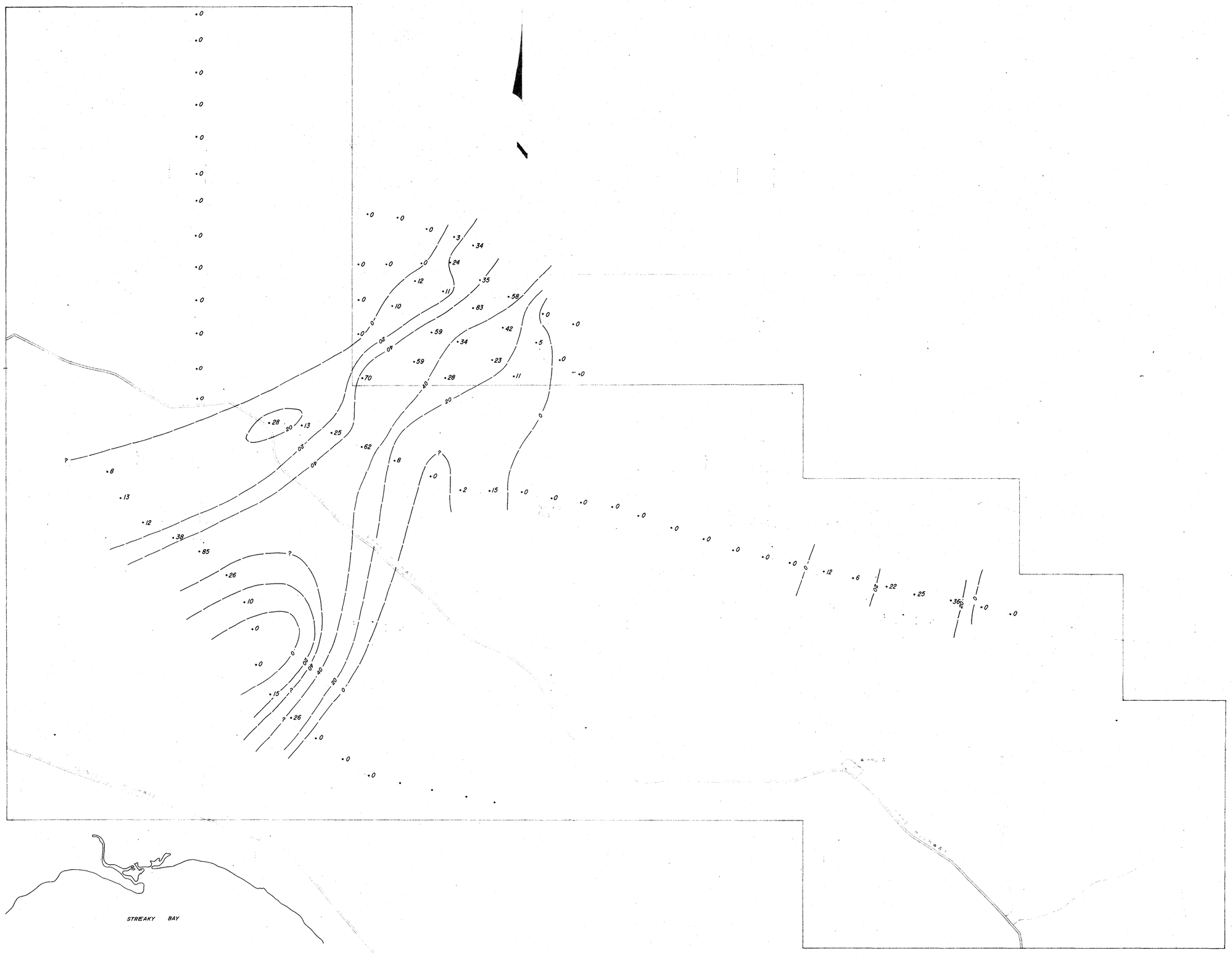


SAMPLE Nos: 593096–593107

REASON FOR HOLE:

OTHER DETAILS

DRILL TYPE: MAYHEW 1000	LOGGED BY: P.OWEN
DRILLER: THOMPSONS	DATE DRILLED: 9/10/80
SCALE: 1:500	DRG./CODE No:



LEGEND

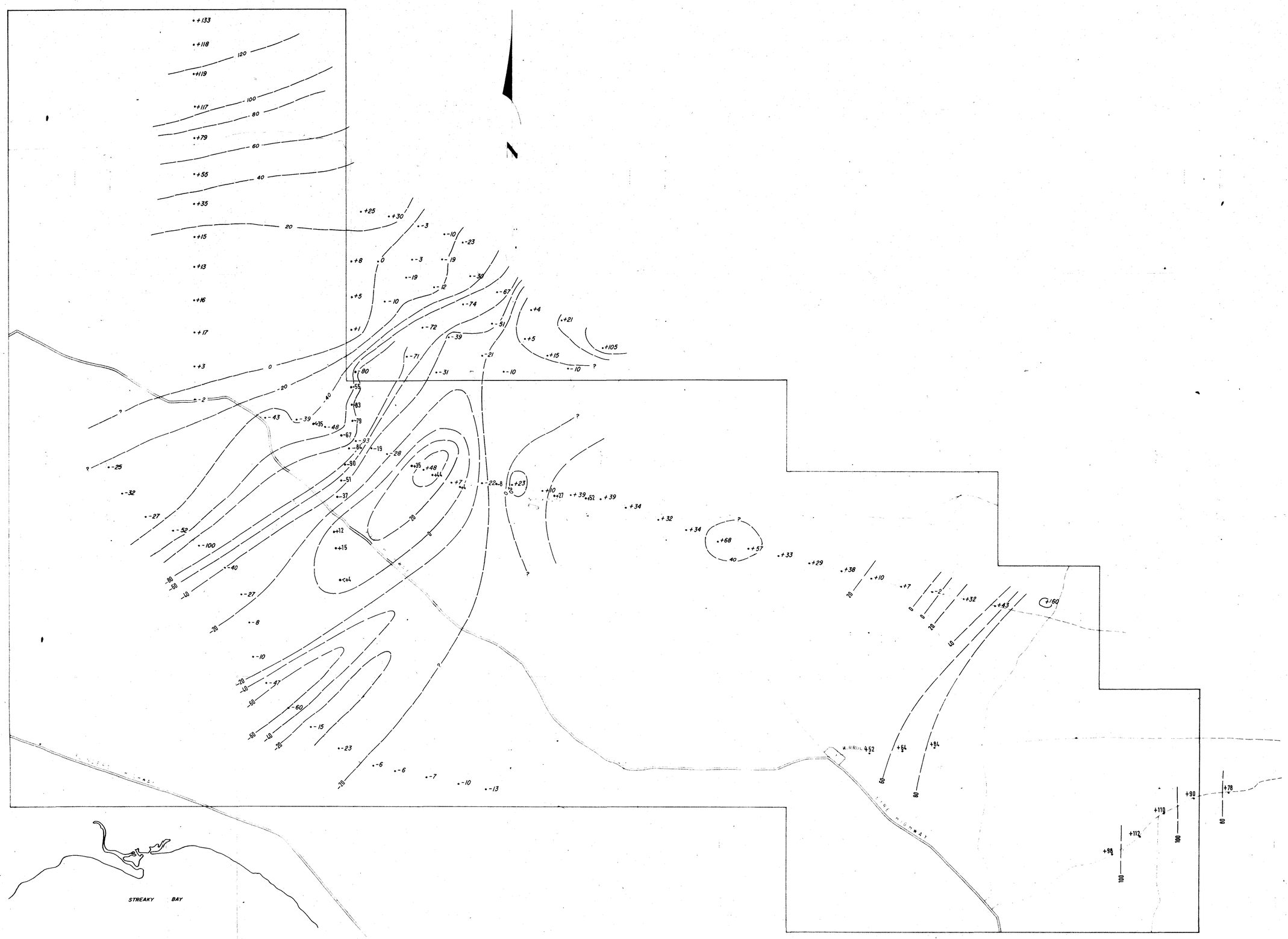
• 15	ROTARY DRILL HOLE WITH THICKNESS (in metres) OF EOCENE SEDIMENTS
—— 40 ——	CONTOURS OF THICKNESS (in metres) OF EOCENE SEDIMENTS
—— 20 ——	

SCALE 1:100,000

0 2 4 6 8 10

KILOMETRES

REVISION	SCALE 1:100,000	CARPENTARIA EXPLORATION COMPANY PTY LTD
	GEO G.H., P.O., P.B.	**E.L.632 NUNJIKOMPITA**
	DRAWN JMc	(NARLABY CHANNEL PROJECT)
	CHECKED MB	SOUTH AUSTRALIA
	DATE AUG. 1980	3882-1
	MICROFILMED	**ISOPACH MAP**
	ROLL Nº	**OF EOCENE SEDIMENTS**
	MINING FIELD OR DISTRICT NARLABY CHANNEL : STH. AUST.	DRG Nº 15772



LEGEND

• +40 — ROTARY DRILL HOLE WITH HEIGHT (in metres) OF PRE-EOCENE BASEMENT ABOVE SEA-LEVEL

—— +20 ——
—— 0 ——
—— -20 ——
CONTOURS OF HEIGHT (in metres) OF PRE-EOCENE BASEMENT RELATIVE TO SEA LEVEL

SCALE 1:100,000

0 2 4 6 8 10
KILOMETRES

REVISION		
OCT. 1980	P.D.	

SCALE 1:100,000
GEO G.H., P.O., P.B.
DRAFT JMc
CHECKED
DATE AUG. 1980
MICROFILMED
ROLL No.

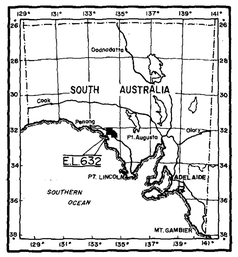
CARPENTARIA EXPLORATION COMPANY PTY. LTD.

E.L. 632 NUNJIKOMPITA
(NARLABY CHANNEL PROJECT)
SOUTH AUSTRALIA
3882-2
PRE-EOCENE BASEMENT CONTOURS

MINING FIELD OR DISTRICT NARLABY CHANNEL : STH. AUST. DRG. No. 15771

134°00'E
134°15'E
134°30'E
134°45'E
32°00'S
32°15'S
32°30'S

LOCALITY

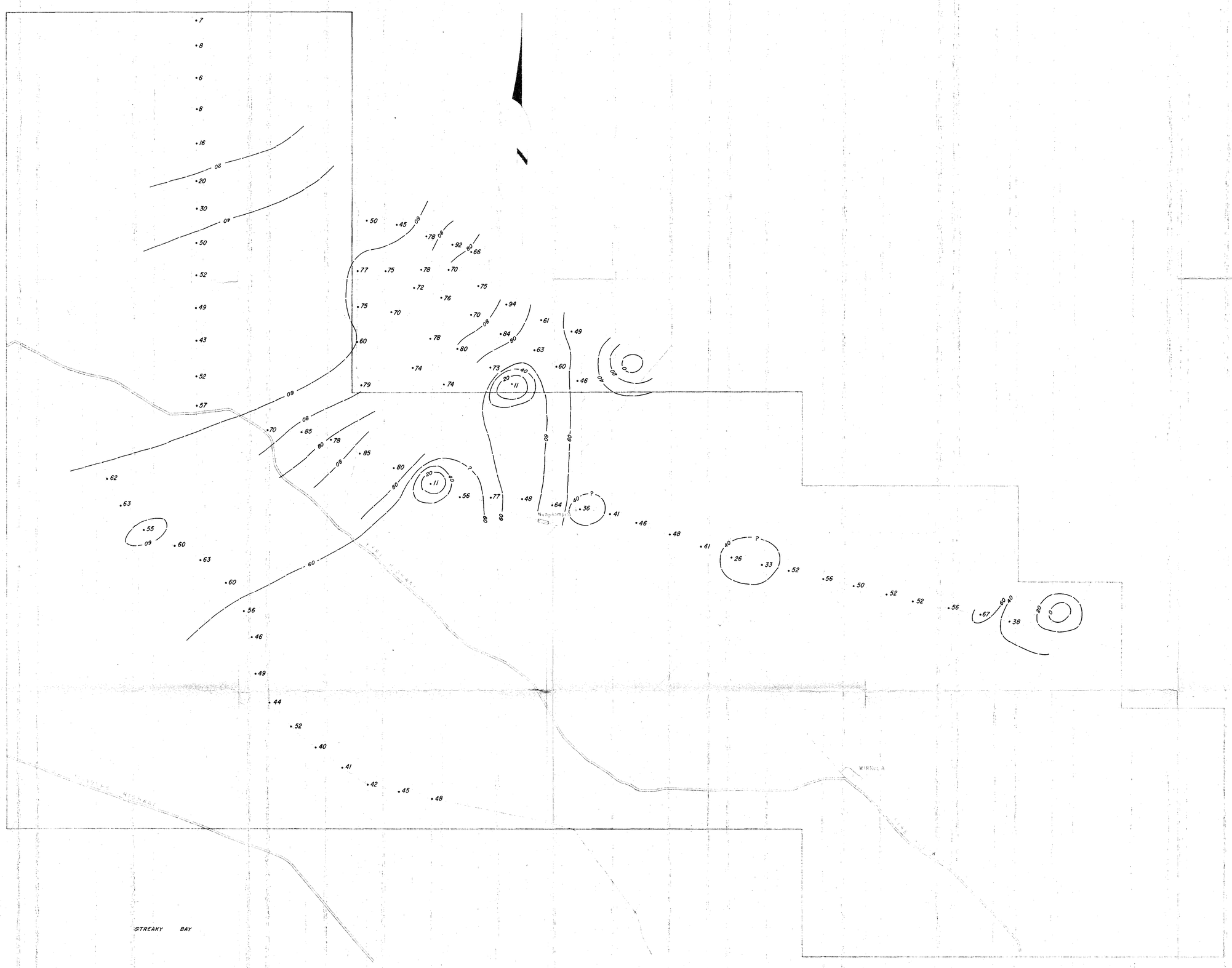


SCALE 1:100,000

0 2 4 6 8 10

KILOMETRES

REVISION		SCALE 1:100,000	CARPENTARIA EXPLORATION COMPANY PTY. LTD.
NOV. 1980	G.M.	GEO G.H., P.O., P.B.	E.L. 632 'NUNJIKOMPITA' NARLABY CHANNEL PROJECT
		DRAFT J.Mc.	
		CHECKED	
		DATE JULY, 1980	
		MICROFILMED	DRILL HOLE LOCATIONS
		ROLL Nº	
		MINING FIELD OR DISTRICT 3882-2	DRG. Nº 15770



LEGEND

• 55 — ROTARY DRILL WITH THICKNESS (in metres) OF POST-EOCENE SEDIMENTS

—— 20 ——
—— 40 —— — CONTOURS OF THICKNESS (in metres') OF POST-EOCENE SEDIMENTS

CARPENTARIA EXPLORATION COMPANY PTY LTD

G.H., P.O., P.B.
JMc.
AUG. 1980

E.L.632 NUNJIKOMPITA
(NARLABY CHANNEL PROJECT)
SOUTH AUSTRALIA

3883-44

ISOPACH MAP of POST-EOCENE SEDIMENTS

NARLABY CHANNEL : STH. AUST. 15773

LEGEND

• +40 — ROTARY DRILL HOLE WITH HEIGHT (in metres) OF PRE-EOCENE BASEMENT ABOVE SEA-LEVEL

—+20— —0— —-20— — CONTOURS OF HEIGHT (in metres) OF PRE-EOCENE BASEMENT RELATIVE TO SEA LEVEL

SCALE 1:100,000

0 2 4 6 8 10

KILOMETRES

REVISION		
OCT. 1980	P.O.	GEO G.H., P.O., P.B.
NOV. 1982	GH	DRAFT: INTO DRAFTING
		CHECKED:
		DATE: AUG. 1980
		MICROFILMED:
		ROLL Nº

SCALE: 1:100,000

CARPENTARIA EXPLORATION COMPANY PTY. LTD.

E.L. 632 NUNJIKOMPITA

(NARLABY CHANNEL PROJECT)

SOUTH AUSTRALIA

PRE-EOCENE BASEMENT CONTOURS

MINING FIELD OR DISTRICT: NARLABY CHANNEL : STH. AUST. DRG Nº 15861

3882-5

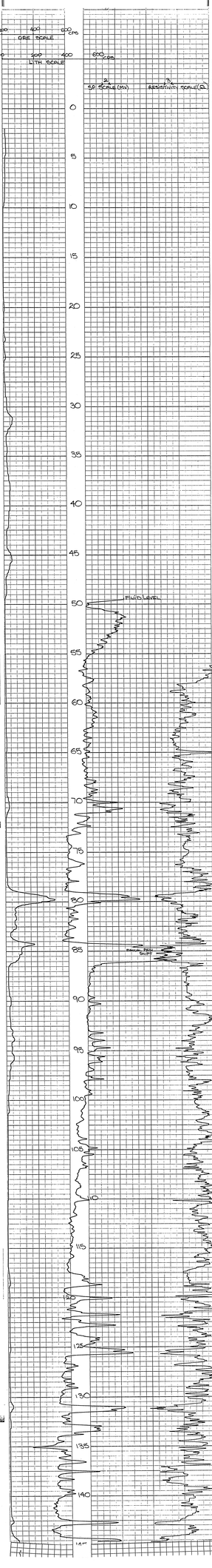
GEOEX PTY. LTD.

LOGGING DATA

DATE 2.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKONDITA	FIRST READING 145 CPM
PROJECT	RANGE 40 CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 486	LOGGING SPEED 7 M/MIN
HOLE SIZE 4¾	PAPER SCALE 100
CASING	BACKGROUND COUNTS 60 CPM
T.D. 147.3M	DETECTOR SIZE 1" x 3¾" , 2½" x 7½"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 49.8M	FIRST READING 144.6M
DRILLER	RESIST. SCALE Ω/DIV. 3
INTERPRETATION DATA	S.P. SCALE MV/DIV. 2
PROBE Nº C1	PROBE SIZE 1¾"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. MYG.	
REMARKS	

GAMMA RAY | S. P. | RESISTIVITY

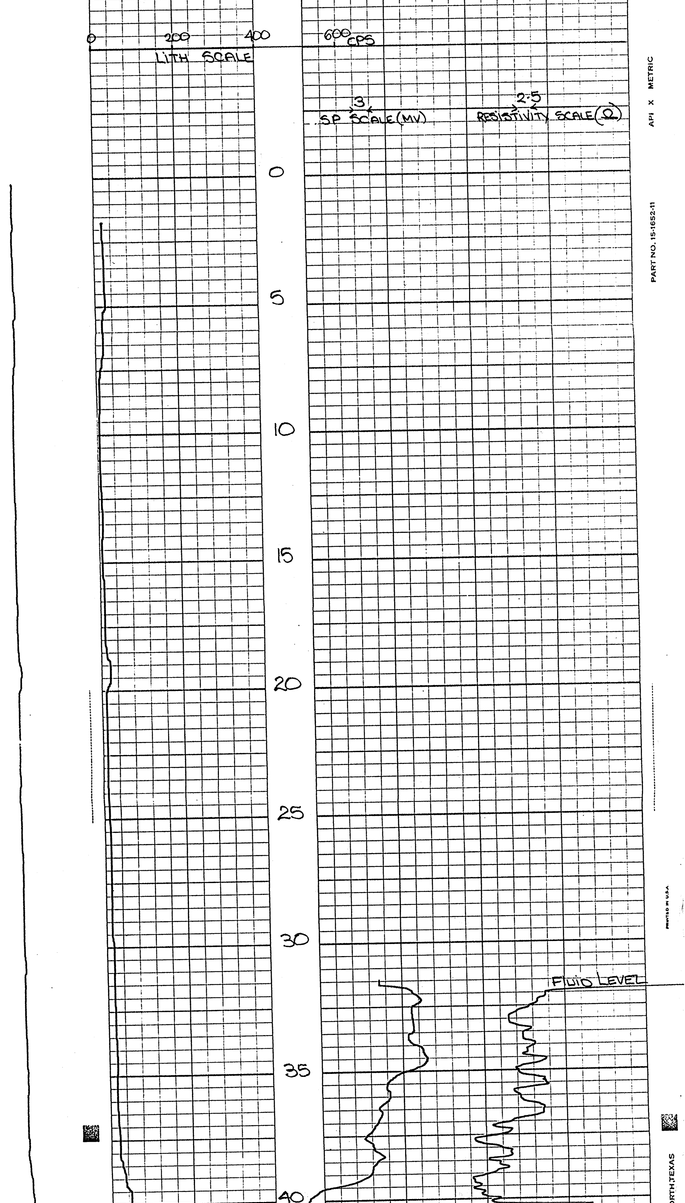


GEOEX PTY. LTD.

LOGGING DATA

DATE 1.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 56.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 452	LOGGING SPEED 7M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 56.0M
T.D. 59.0M	DETECTOR SIZE 1" x ¾" ; 2½" x ⅞"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 32.0M	FIRST READING 55.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W. McG.	
REMARKS	



API X METRIC

PART NO. 15-1652-11

GEARHART-OWEN INDUSTRIES INC. FORT WORTH TEXAS

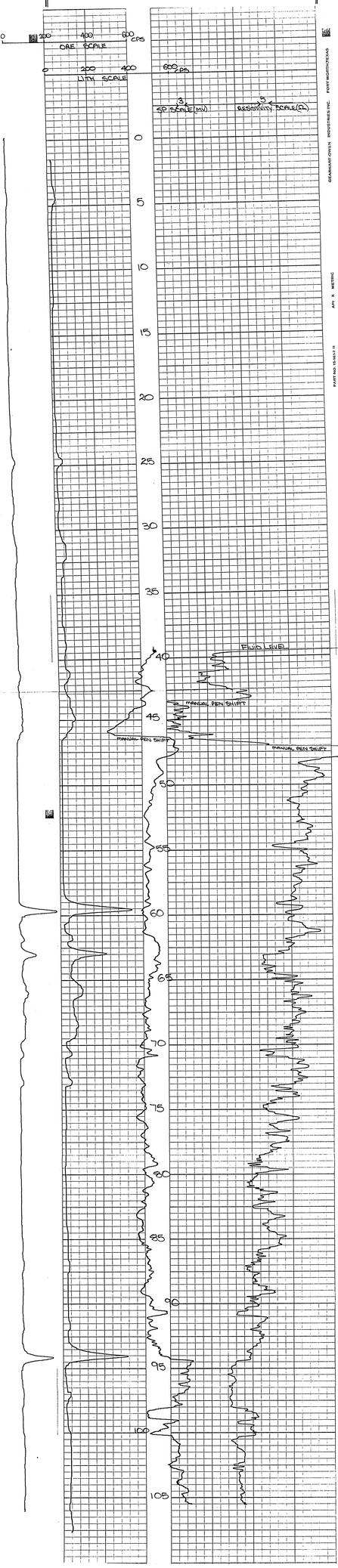
API X METRIC

GEOEX PTY. LTD.

LOGGING DATA

DATE 2.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMBITA	FIRST READING 106.0M
PROJECT	RANGE 40 CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 453	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 20 CPS
T.D. 109.2M	DETECTOR SIZE 1" x 3/4" ; 2½ x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT ✓
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 39.7M	FIRST READING 105.6M
DRILLER	RESIST. SCALE Ρ/DIV. 5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1.5"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W. MCG.	
REMARKS	

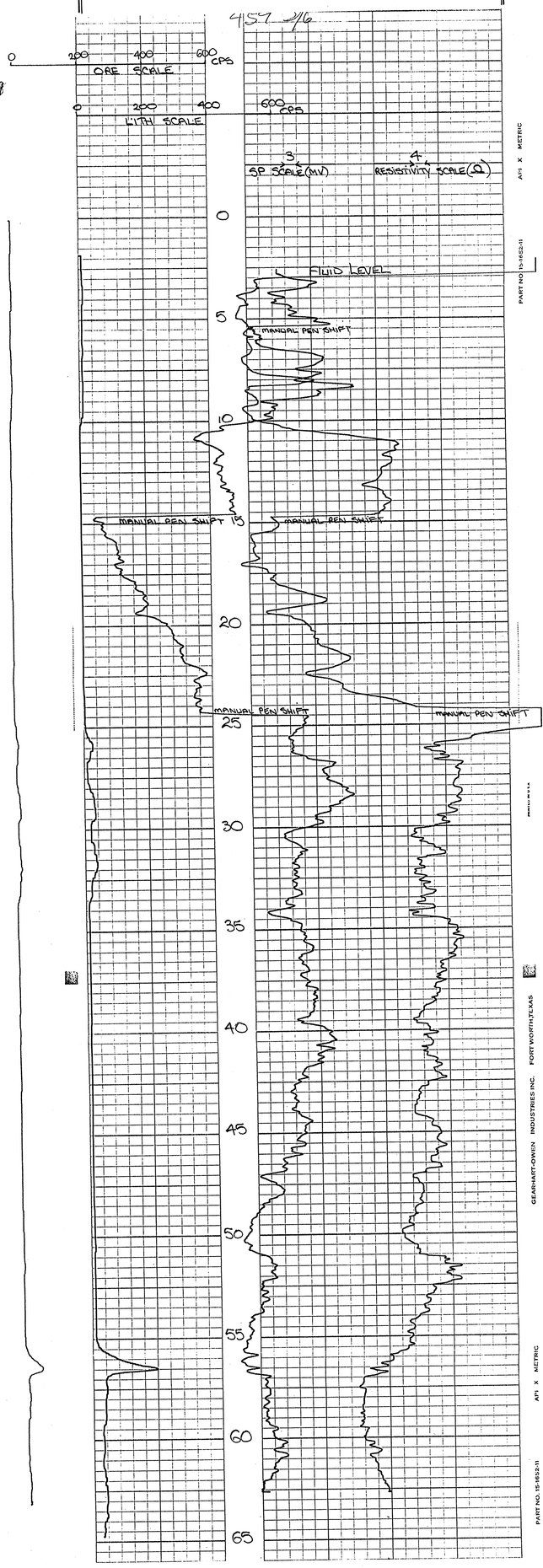


GEOEX PTY. LTD.

LOGGING DATA

DATE 2.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNDIKOMPITA	FIRST READING 63.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 459	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60 CPS
T.D. 66.0M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 1/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	**ELECTRIC**
FLUID LEVEL 3.0M	FIRST READING 62.0M
DRILLER	RESIST. SCALE (Ω/DIV.) 4
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	



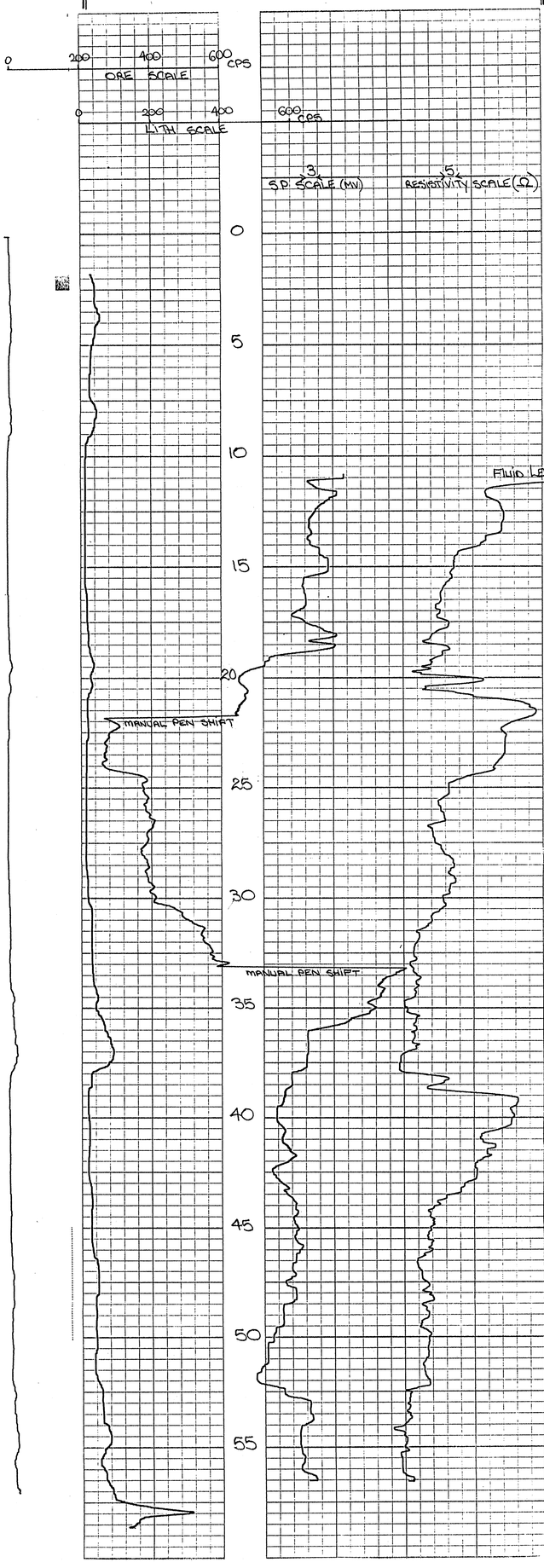
API X METRIC
PART NO. 15-1652-11
GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS
API X METRIC
PART NO. 15-1652-11

GEOEX PTY. LTD.

LOGGING DATA

DATE 1-6-80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 57.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 449	LOGGING SPEED 7 M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 170 CPS
T.D. 59.9M	DETECTOR SIZE 1" x ¾" ; 2½" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 11.3M	FIRST READING 56.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	

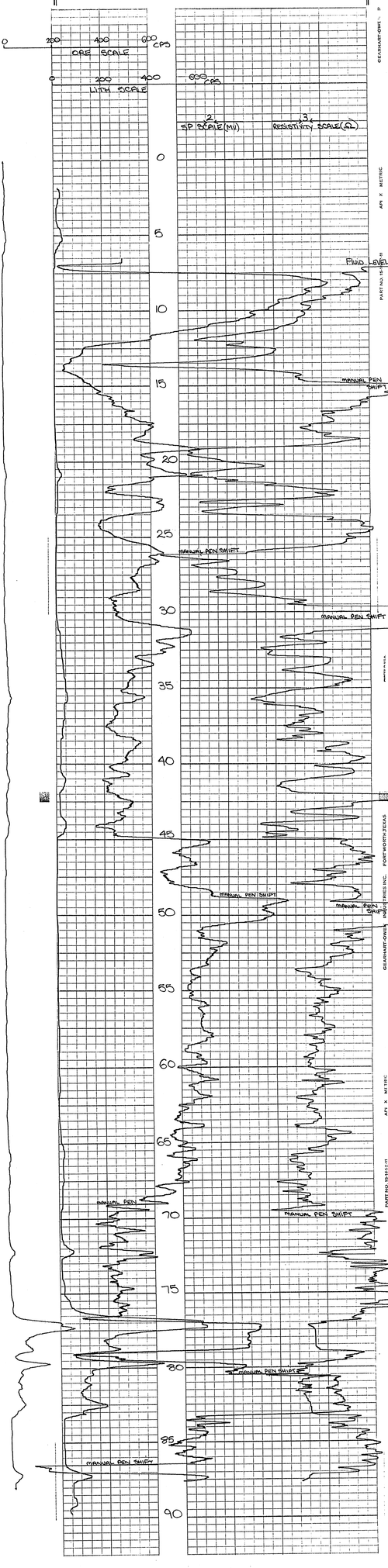


GEOEX PTY. LTD.

LOGGING DATA

DATE 2.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 88.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 455	LOGGING SPEED 7M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80 CPS
T.D. 90.1M	DETECTOR SIZE 1"x¾"x2½"x⅛"
SURFACE ELEVATION	DIGITAL READ OUT ✓
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 7.2M	FIRST READING 87.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 3
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1⅝
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W. MEG.	
REMARKS	

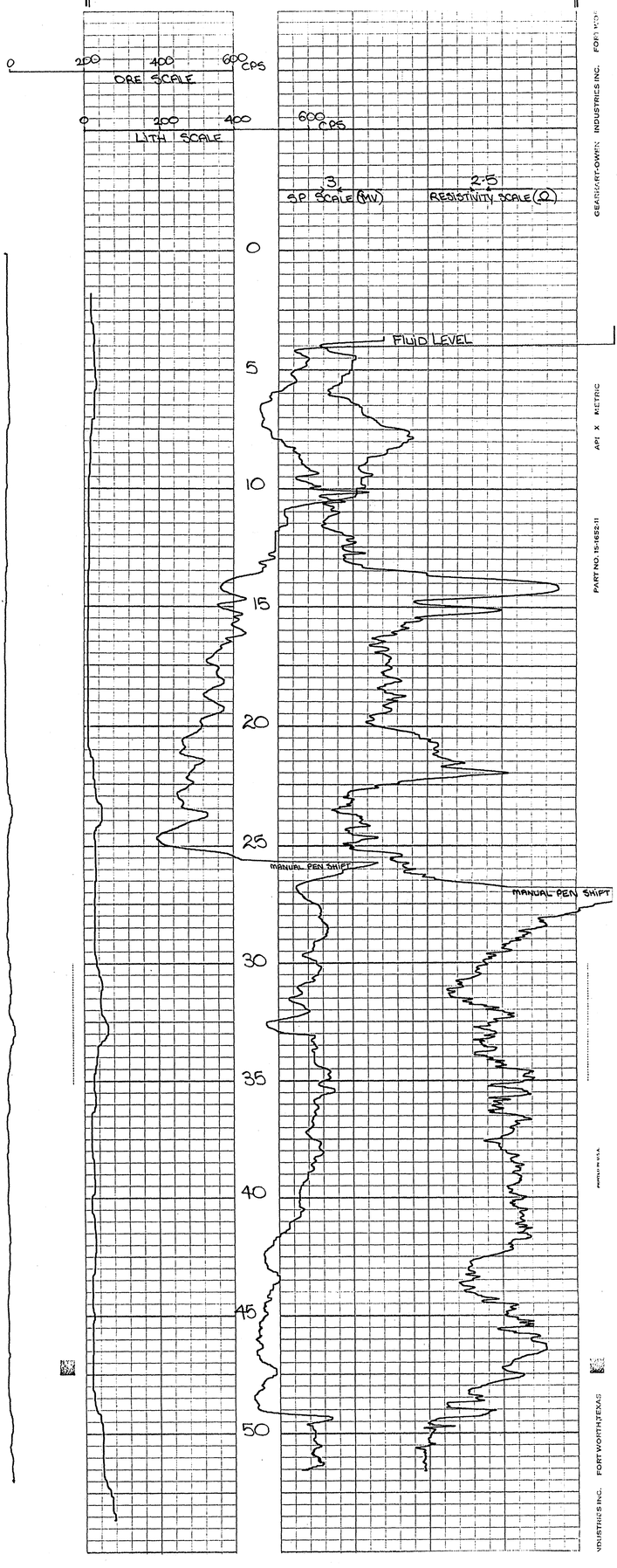


GEOEX PTY. LTD.

LOGGING DATA

DATE 1.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 52.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR451	LOGGING SPEED 7 M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80 CPS
T.D. 54.3M	DETECTOR SIZE 1" x ¾"; 2½" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 4.1M	FIRST READING 51.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	

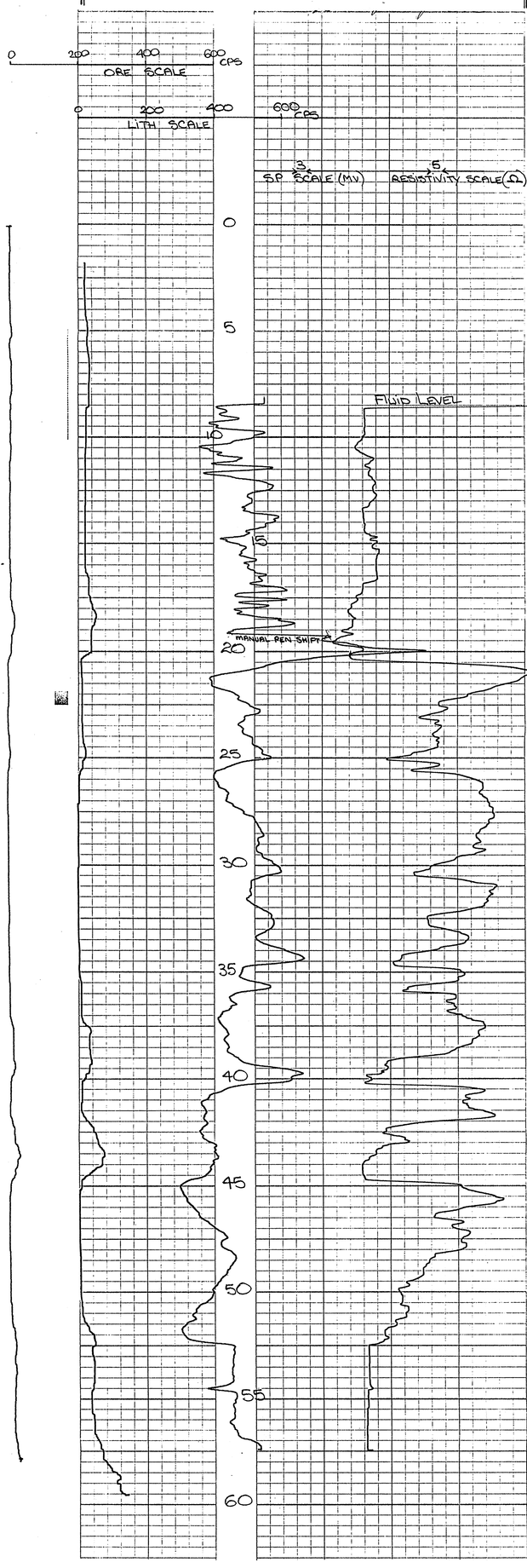


GEOEX PTY. LTD.

LOGGING DATA

DATE 1·6·80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 58·0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 448	LOGGING SPEED 7M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 120 CPS
T.D. 60·1M	DETECTOR SIZE 1" x ¾", 2½ x ⅞"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 8·6M	FIRST READING 57·6M
DRILLER	RESIST. SCALE (Ω/DIV.) 5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W. McG	
REMARKS	

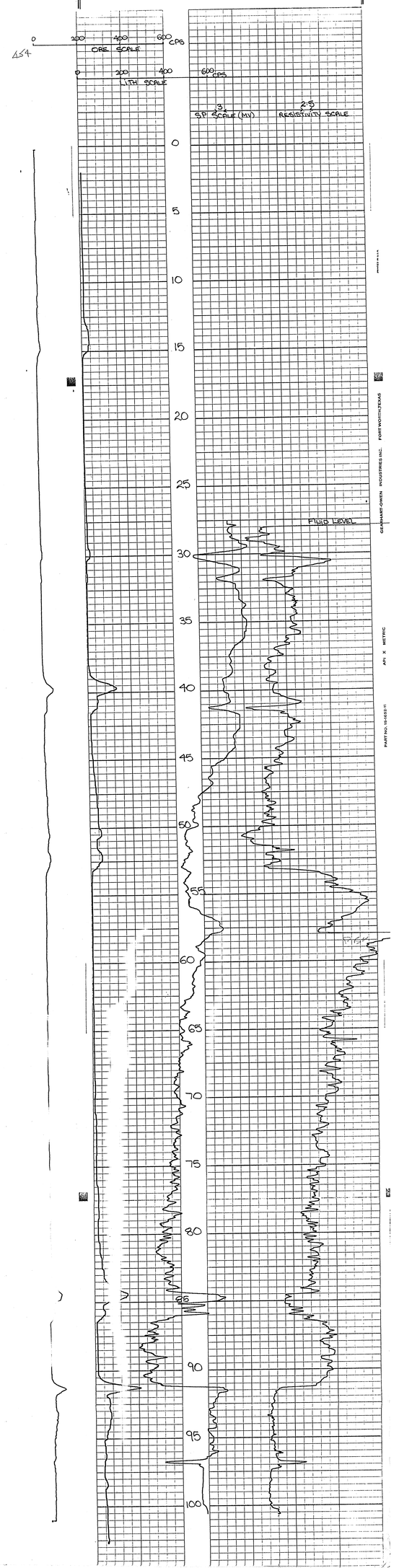


GEOEX PTY. LTD.

LOGGING DATA

DATE 1-6-80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 101.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TB 454	LOGGING SPEED 7 M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80CPS
T.D. 103.4m	DETECTOR SIZE 1" x ¾" ; 2½" x 2½"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 28.0M	FIRST READING 100.0m
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº G1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	

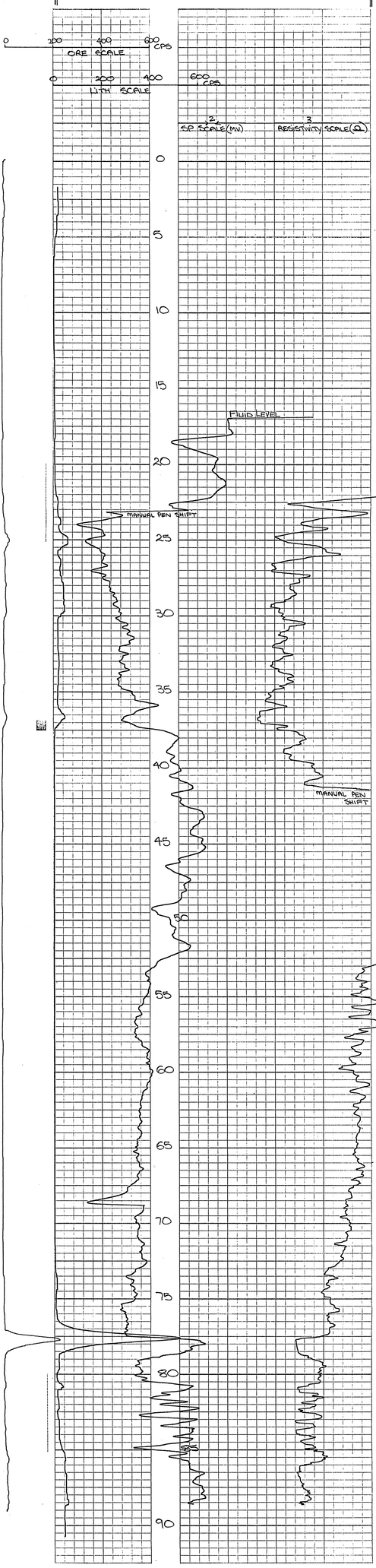


GEOEX PTY. LTD.

LOGGING DATA

DATE 2.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMBITA	FIRST READING 89.0M
PROJECT	RANGE 90 CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 457	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60 CPS
T.D. 91.3M	DETECTOR SIZE 1x3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT ✓
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 17.0m	FIRST READING 88.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 3
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1 5/8
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	

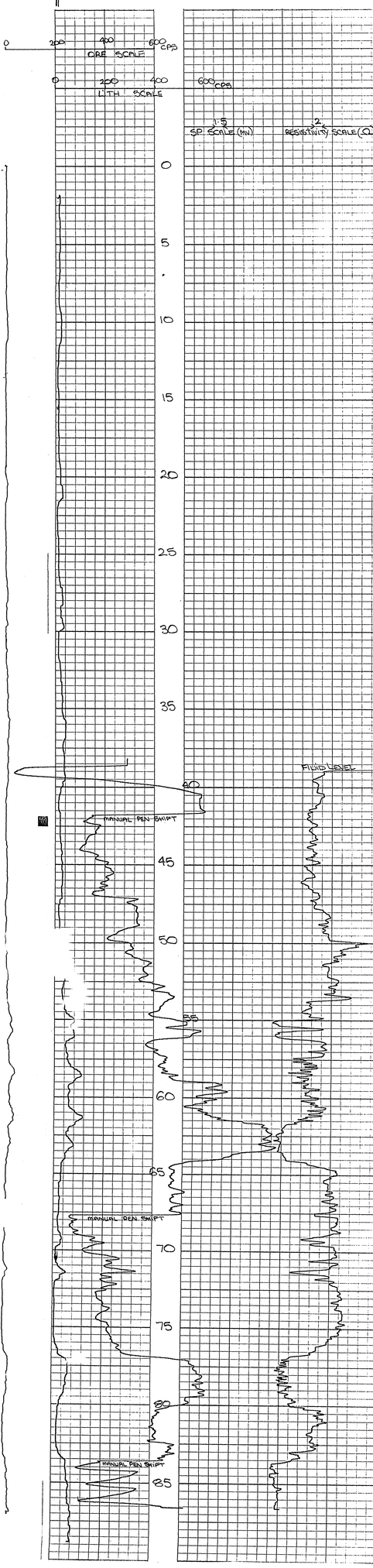


GEOEX PTY. LTD.

LOGGING DATA

DATE 9.6.80

LOCATION	GAMMA RAY
STATE SA	FIRST READING 87.0M
REGION NUNTSIKOMBITA	RANGE 40 CPS
PROJECT	TIME CONSTANT 2 SEC
HOLE DATA	LOGGING SPEED 1 M/MIN
HOLE Nº IR 490	PAPER SCALE 100:1
HOLE SIZE 4 3/4"	BACKGROUND COUNTS 70 CPS
CASING	DETECTOR SIZE 1" x 3/4"; 2 1/2" x 7/8"
T.D. 89.9M	DIGITAL READ OUT
SURFACE ELEVATION	
BOREHOLE MEDIUM MUD + WATER	**ELECTRIC**
FLUID LEVEL 38.9M	FIRST READING 86.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
"K" FACTOR	RIG TIME
DEAD TIME 1 μsec	
OPERATOR W. MCG.	
REMARKS	



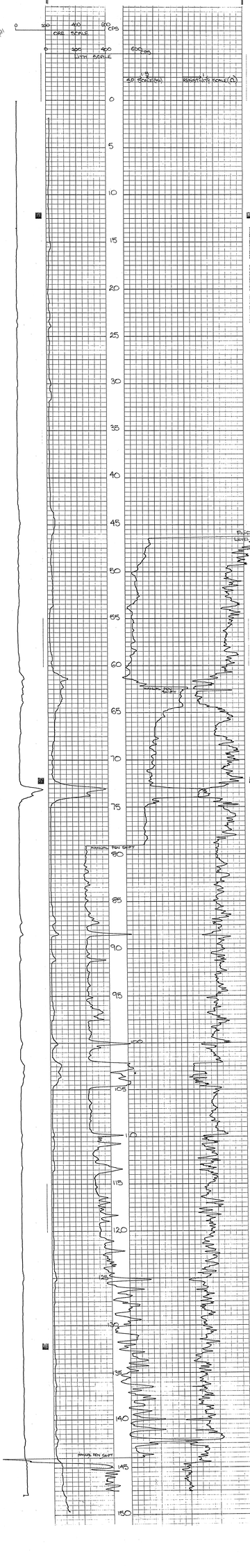
GEOEX PTY. LTD.

LOGGING DATA

DATE 9.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNYIKOMPITA	FIRST READING 149.0M
PROJECT	RANGE 400CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 491	LOGGING SPEED 1M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 50CPS
T.D. 180.9M	DETECTOR SIZE 1¼"x¾", 2¾"x¾"
SURFACE ELEVATION	DIGITAL READ OUT ✓
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 46.3M	FIRST READING 171.0M
DRILLER	RESIST. SCALE (V/DIV.) 1
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1·5
PROBE Nº C1	PROBE SIZE 1¾"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
"K" FACTOR	RIG TIME
DEAD TIME 1μsec	
OPERATOR W. MG	
REMARKS	

GAMMA RAY — S.P. — RESISTIVITY

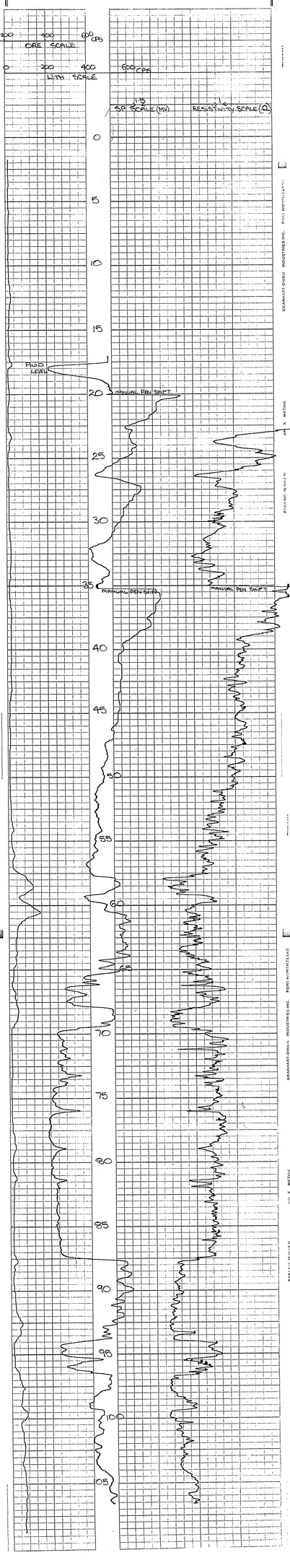


GEOEX PTY. LTD.

LOGGING DATA

DATE 10.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 107.0M
PROJECT	RANGE 400CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 492	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 50 CPS
T.D. 109.5M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 17.8M	FIRST READING 106.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 1
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 1 3/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 1 μsec	
OPERATOR W. MCG.	
REMARKS	

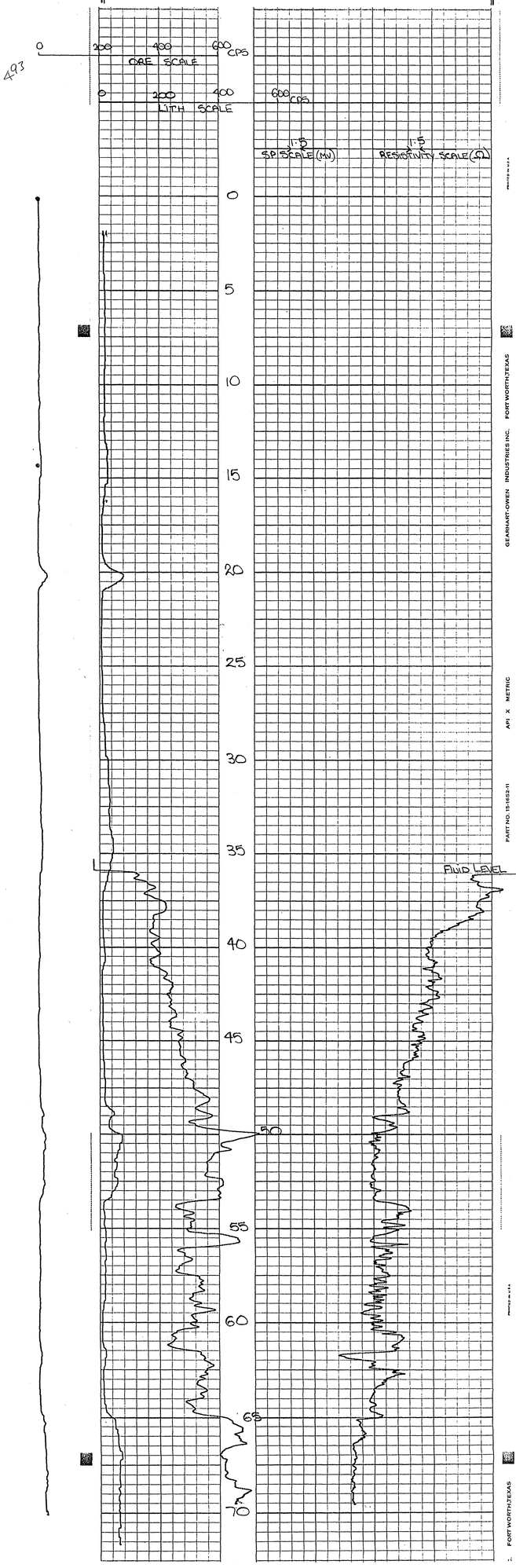


GEOEX PTY. LTD.

LOGGING DATA

DATE 10.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTJIKOMPITA	FIRST READING 70.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 493	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 50CPS
T.D. 73.0M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 36.1M	FIRST READING 69.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 1.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C.1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 1 μSEC	
OPERATOR W. McG.	
REMARKS	



GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

PART NO. 15-1652-11

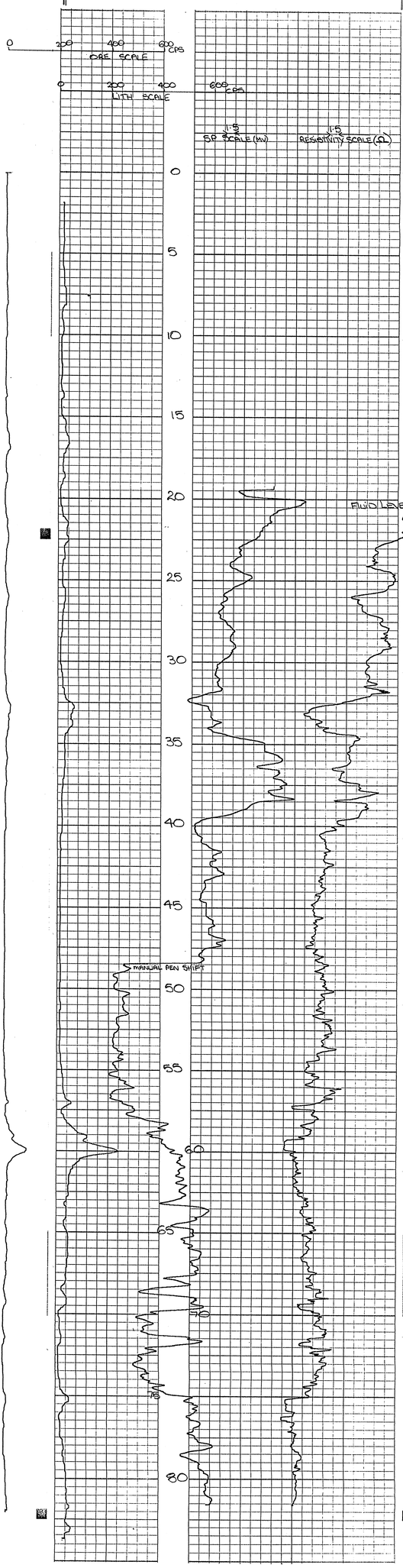
FORT WORTH, TEXAS

GEOEX PTY. LTD.

LOGGING DATA

DATE 10.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTJIKOMPITA	FIRST READING 32.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 494	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 40CPS
T.D. 84.7M	DETECTOR SIZE 1"x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 20.6M	FIRST READING 81.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 1.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 1 MSEC	
OPERATOR W.McG.	
REMARKS	

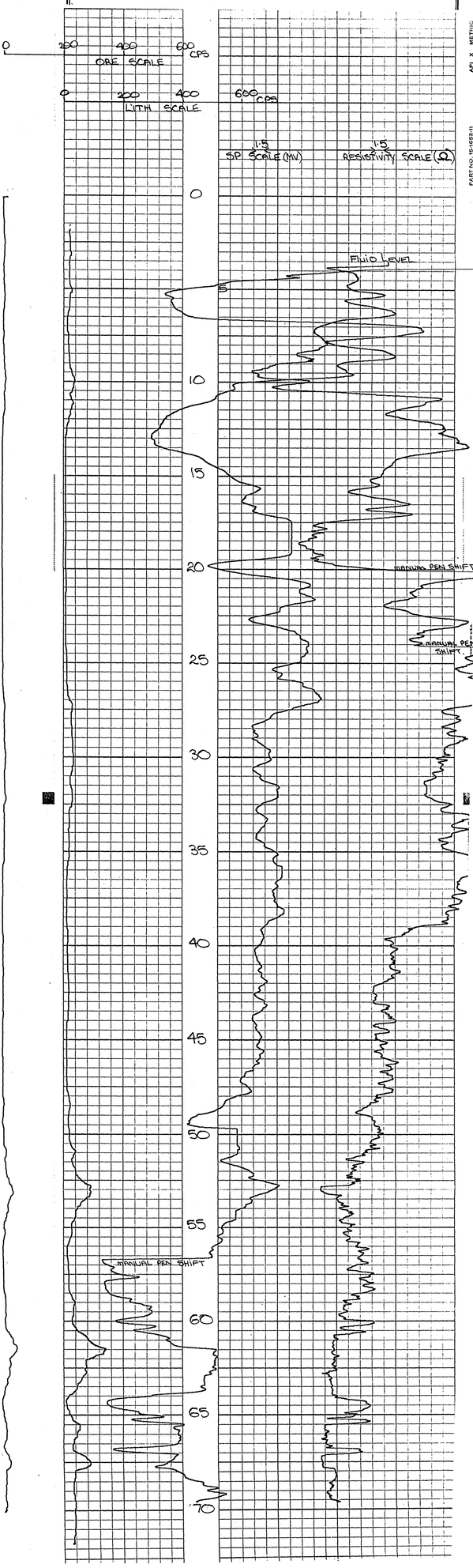


GEOEX PTY. LTD.

LOGGING DATA

DATE 10.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 70.0 MC.
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº JR495	LOGGING SPEED 7 M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 50 CPS
T.D. 72.9M	DETECTOR SIZE 1" x 3¾", 2½ x ⅞"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 3.8M	FIRST READING 69.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 1.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	



API X METRIC

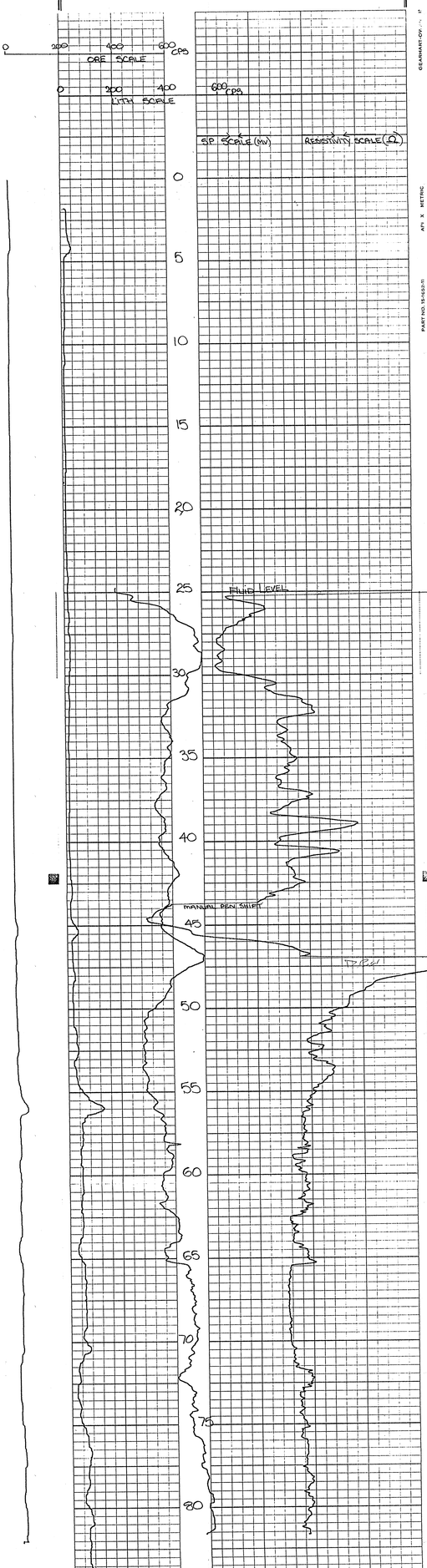
PART NO. 15-1692-11

GEOEX PTY. LTD.

LOGGING DATA

DATE 6.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 82.0M
PROJECT	RANGE 40 CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR473	LOGGING SPEED 7 M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60 CPS
T.D. 84.9M	DETECTOR SIZE 1" x 3/4" ; 2½" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 25.3M	FIRST READING 81.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 1 μsec	
OPERATOR W. McG.	
REMARKS	

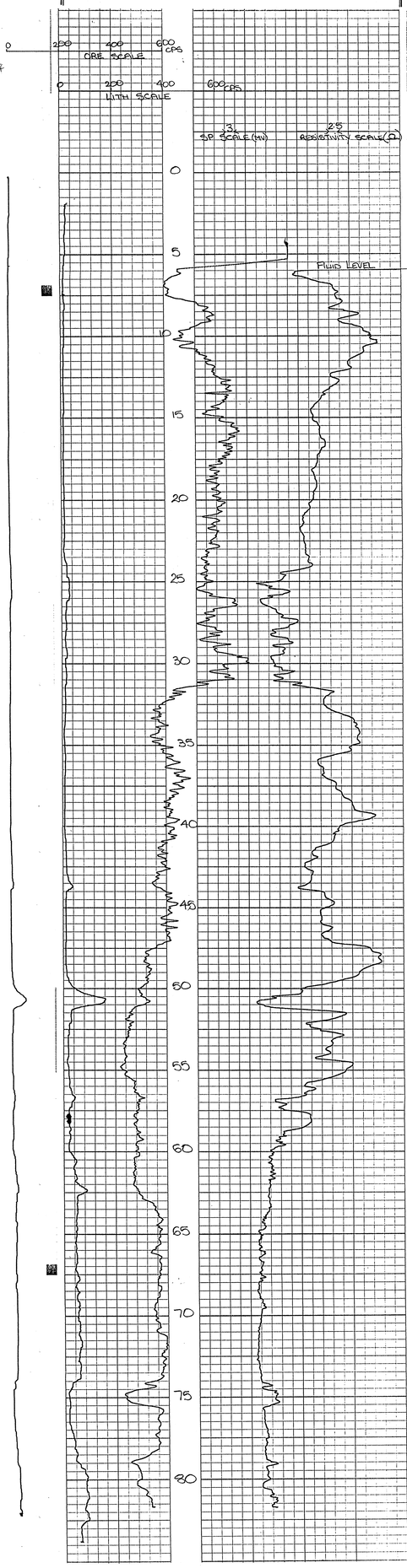


GEOEX PTY. LTD.

LOGGING DATA

DATE 6.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 82.0M
PROJECT	RANGE 40CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 474	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60CPS
T.D. 84.6M	DETECTOR SIZE 1" x 3/4", 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 6.0M	FIRST READING 81.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1 3/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	



GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS API X METRIC PART NO. 15-1653-11

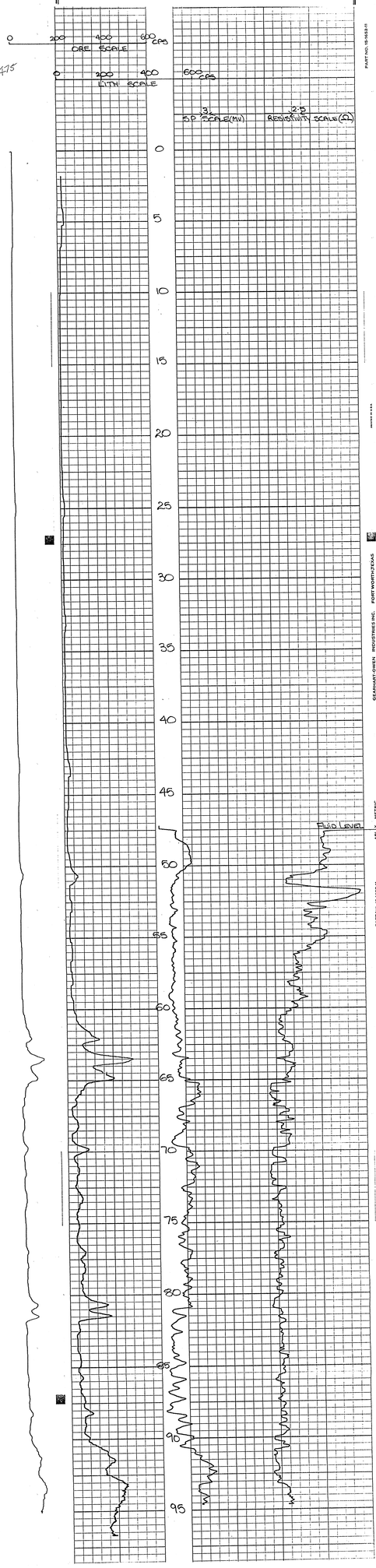
GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

GEOEX PTY. LTD.

LOGGING DATA

DATE 6.6.80

LOCATION	GAMMA RAY
STATE SA	FIRST READING 95.0M
REGION NUNTIWOMPITA	RANGE 400CPS
PROJECT	TIME CONSTANT 2 SEC
HOLE DATA	LOGGING SPEED 7M/MIN
HOLE Nº TR475	PAPER SCALE 100:1
HOLE SIZE 4¾"	BACKGROUND COUNTS 200 CPS
CASING	DETECTOR SIZE 1"x¾" 2"x⅞"
T.D. 97.4M	DIGITAL READ OUT
SURFACE ELEVATION	ELECTRIC
BOREHOLE MEDIUM MUD+WATER	FIRST READING 94.6M
FLUID LEVEL 47.7M	RESIST. SCALE (Ω/DIV.) 2.5
DRILLER	S.P. SCALE (MV/DIV.) 3
INTERPRETATION DATA	PROBE SIZE 1⅝"
PROBE Nº C1	RES. TYPE SINGLE POINT
CALIBRATION STANDARD	RIG TIME
'K' FACTOR	
DEAD TIME 7 MSEC	
OPERATOR W. McG.	
REMARKS	



PART NO. 15-5625-11

GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

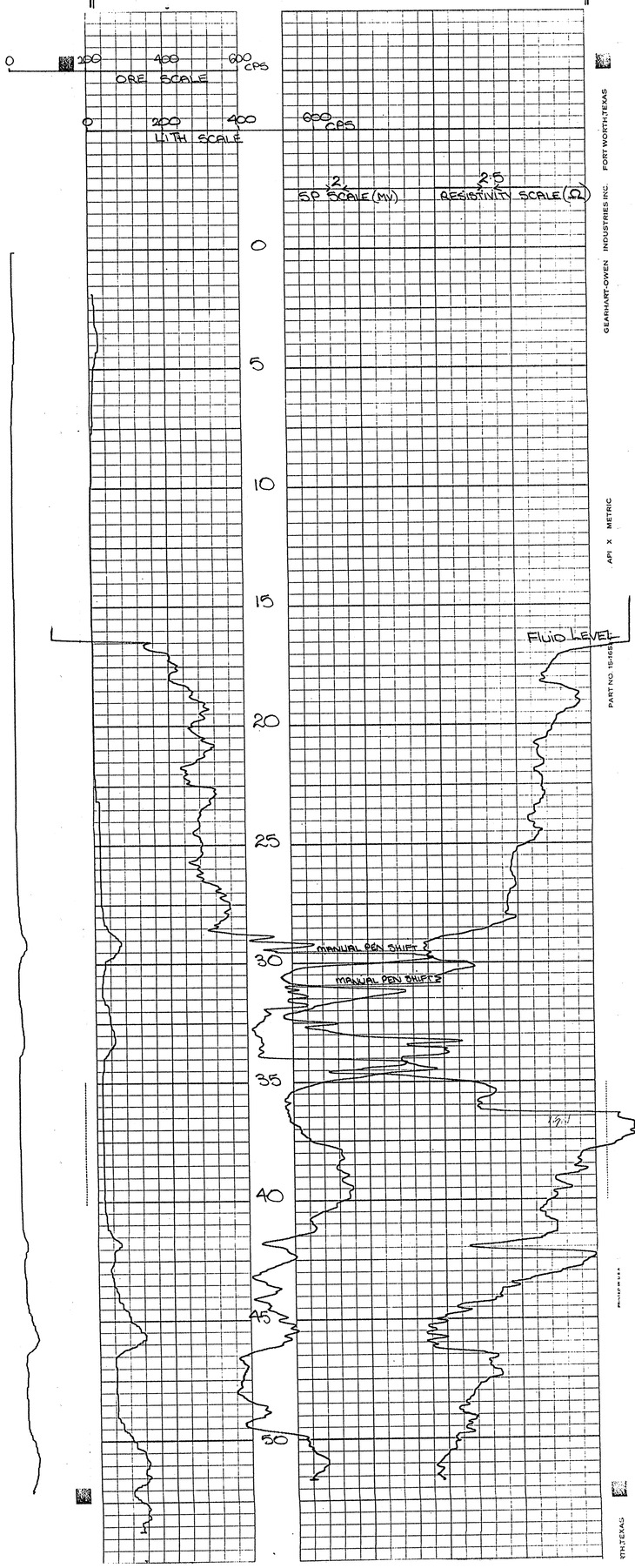
PART NO. 15-5625-11

GEOEX PTY. LTD.

LOGGING DATA

DATE 5.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 52.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2SEC
HOLE Nº JR470	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 100 CPS
T.D. 54.7M	DETECTOR SIZE 1" x 3/4", 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 16.8M	FIRST READING 51.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1 3/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7μsec	
OPERATOR W.McG.	
REMARKS	

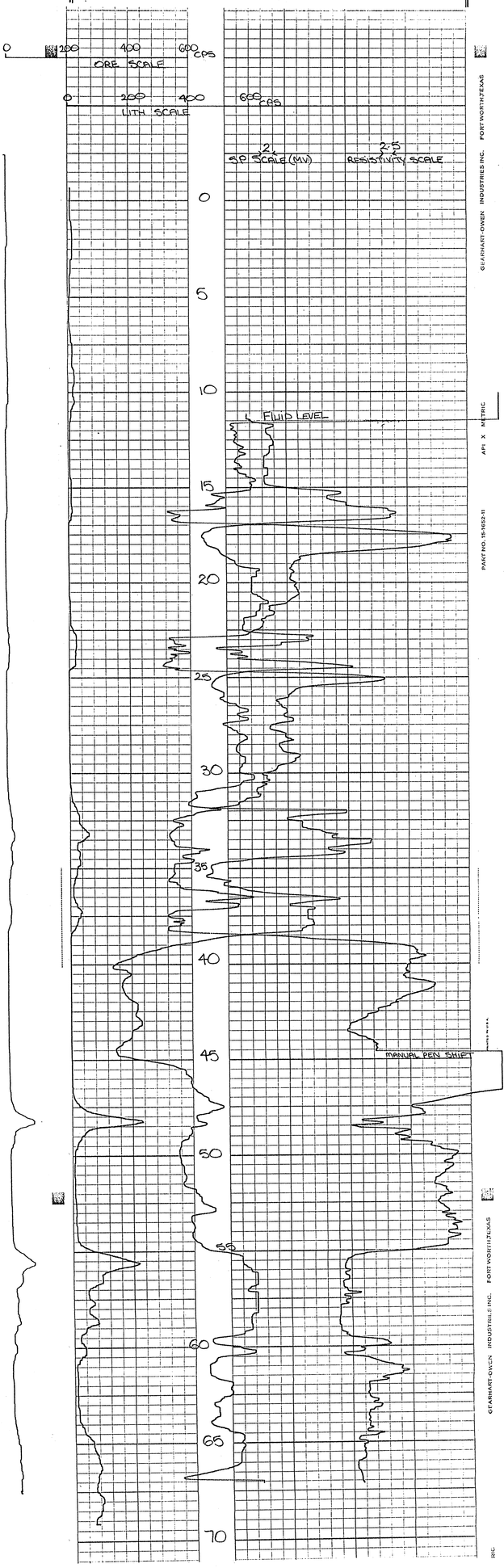


GEOEX PTY. LTD.

LOGGING DATA

DATE 5.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 70.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 471	LOGGING SPEED 7M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 30 CPS
T.D. 73.0M	DETECTOR SIZE 1" x 3/4" ; 2½ x ⅞"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 11.6M	FIRST READING 69.6M
DRILLER	RESIST. SCALE (~/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	

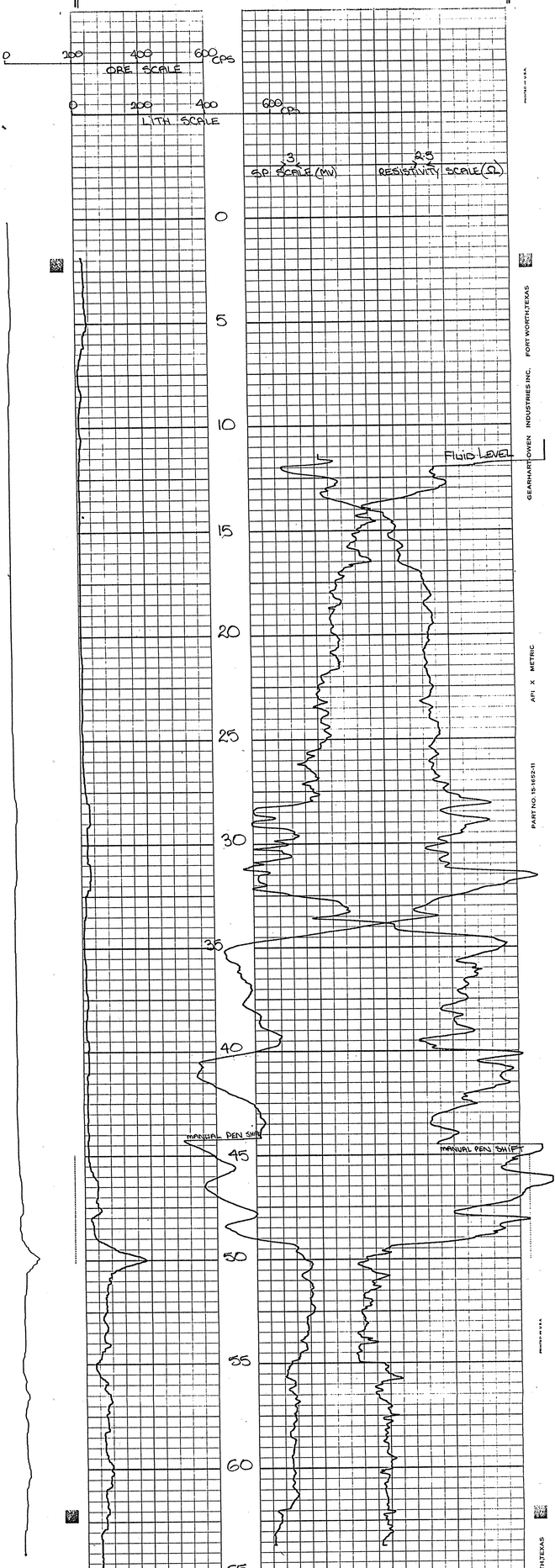


GEOEX PTY. LTD.

LOGGING DATA

DATE 6.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 64.0M
PROJECT	RANGE 40 CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 472	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80 CPS
T.D. 66.7M	DETECTOR SIZE 1" x 3/4", 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 11.8M	FIRST READING 63.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME] μsec	
OPERATOR W.McG.	
REMARKS	

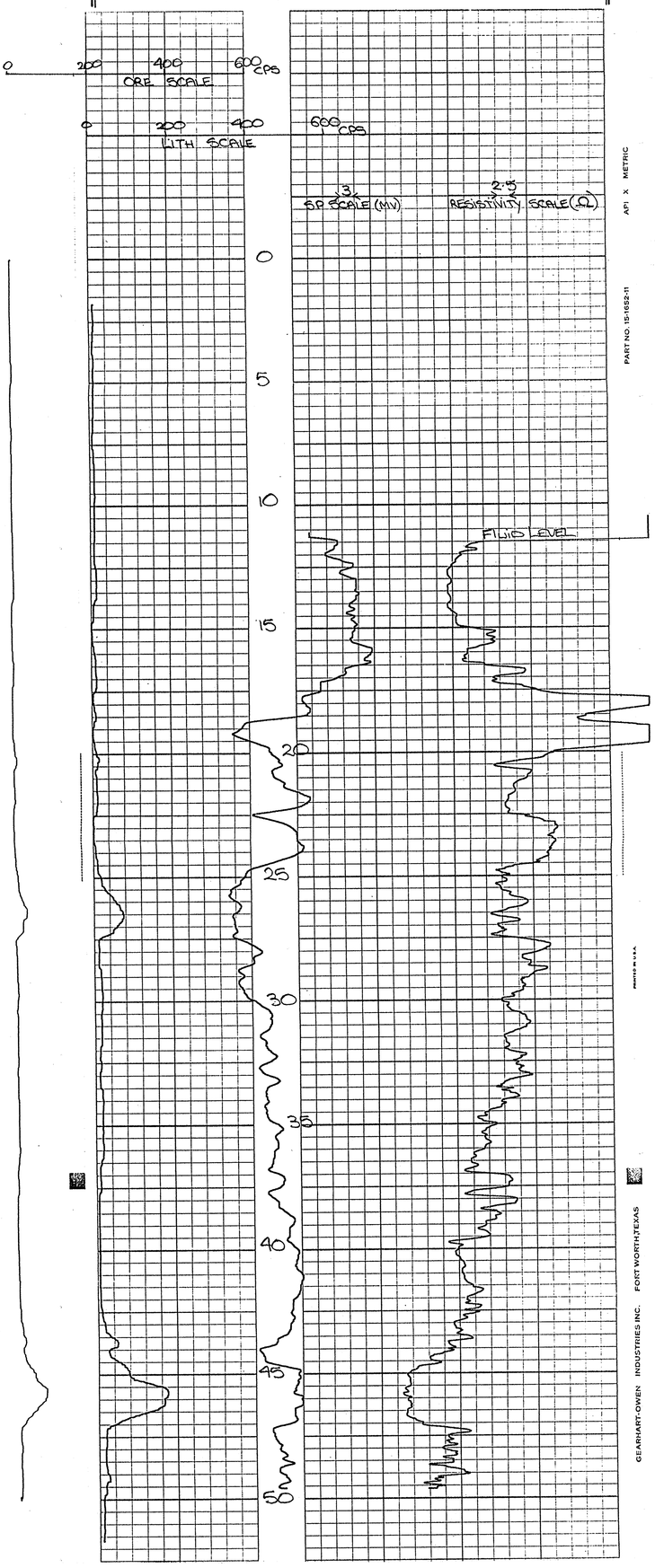


GEOEX PTY. LTD.

LOGGING DATA

DATE 7.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 50.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 478	LOGGING SPEED 7 M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 20 CPS
T.D. 52.4M	DETECTOR SIZE 1" x ¾"; 2½" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 11.5M	FIRST READING 49.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	



API X METRIC

PART NO. 15-16552-11

PRINTED IN U.S.A.

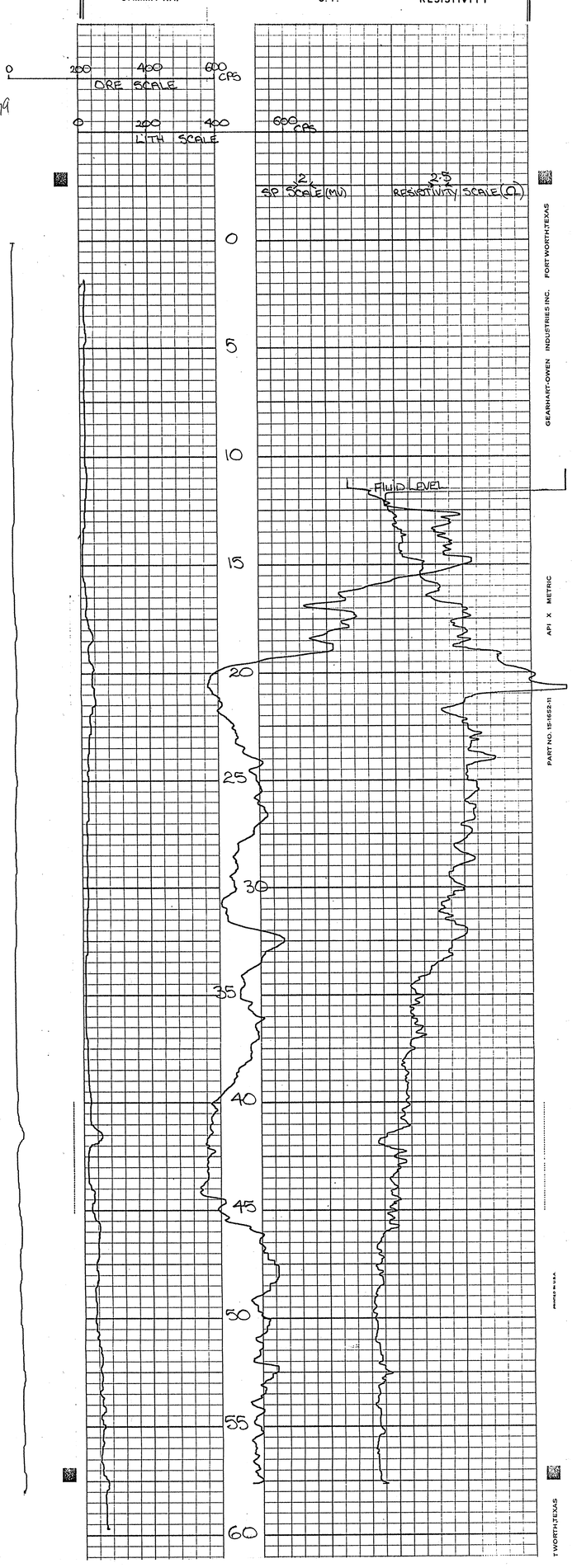
GEARHART-OWEN INDUSTRIES INC. FORT WORTH TEXAS

GEOEX PTY. LTD.

LOGGING DATA

DATE 7.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 58.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 479	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60 CPS
T.D. 60.7M	DETECTOR SIZE 1" x 3/4", 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 11.6M	FIRST READING 57.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	



GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

PART NO. 151652-11

PRINTED IN U.S.A.

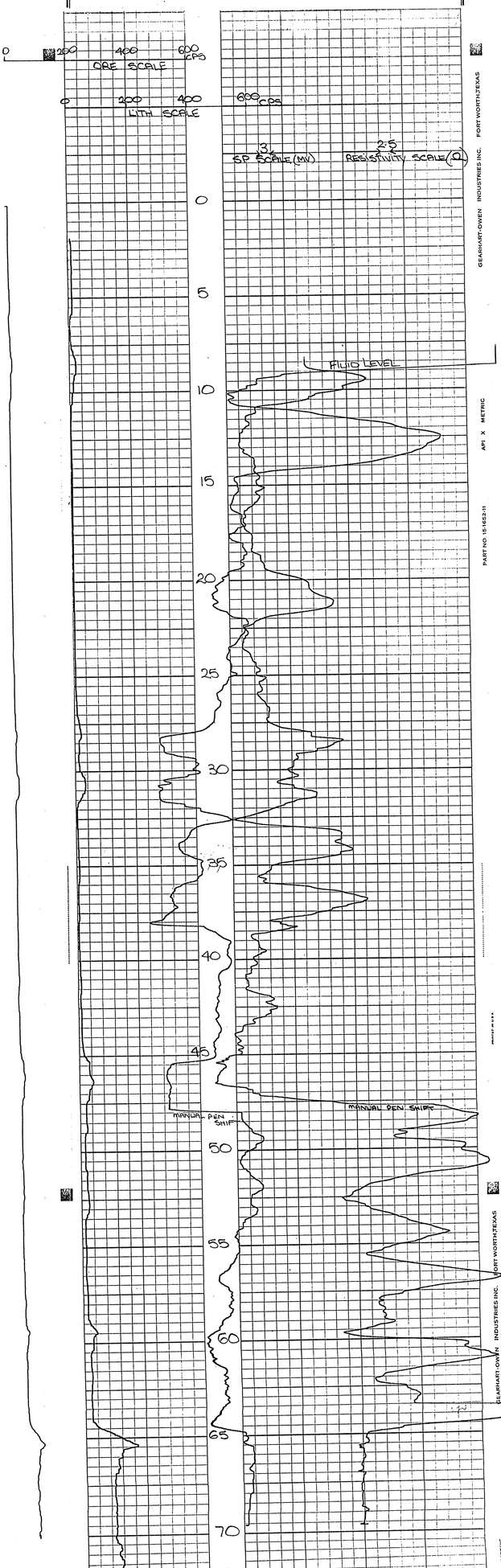
FORT WORTH, TEXAS

GEOEX PTY. LTD.

LOGGING DATA

DATE 7.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 70.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº JR 476b	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 100CPS
T.D. 72.4M	DETECTOR SIZE 1" x 3/4", 2 1/2 x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 9.1M	FIRST READING 69.6M
DRILLER	RESIST. SCALE Ω/DIV. 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	

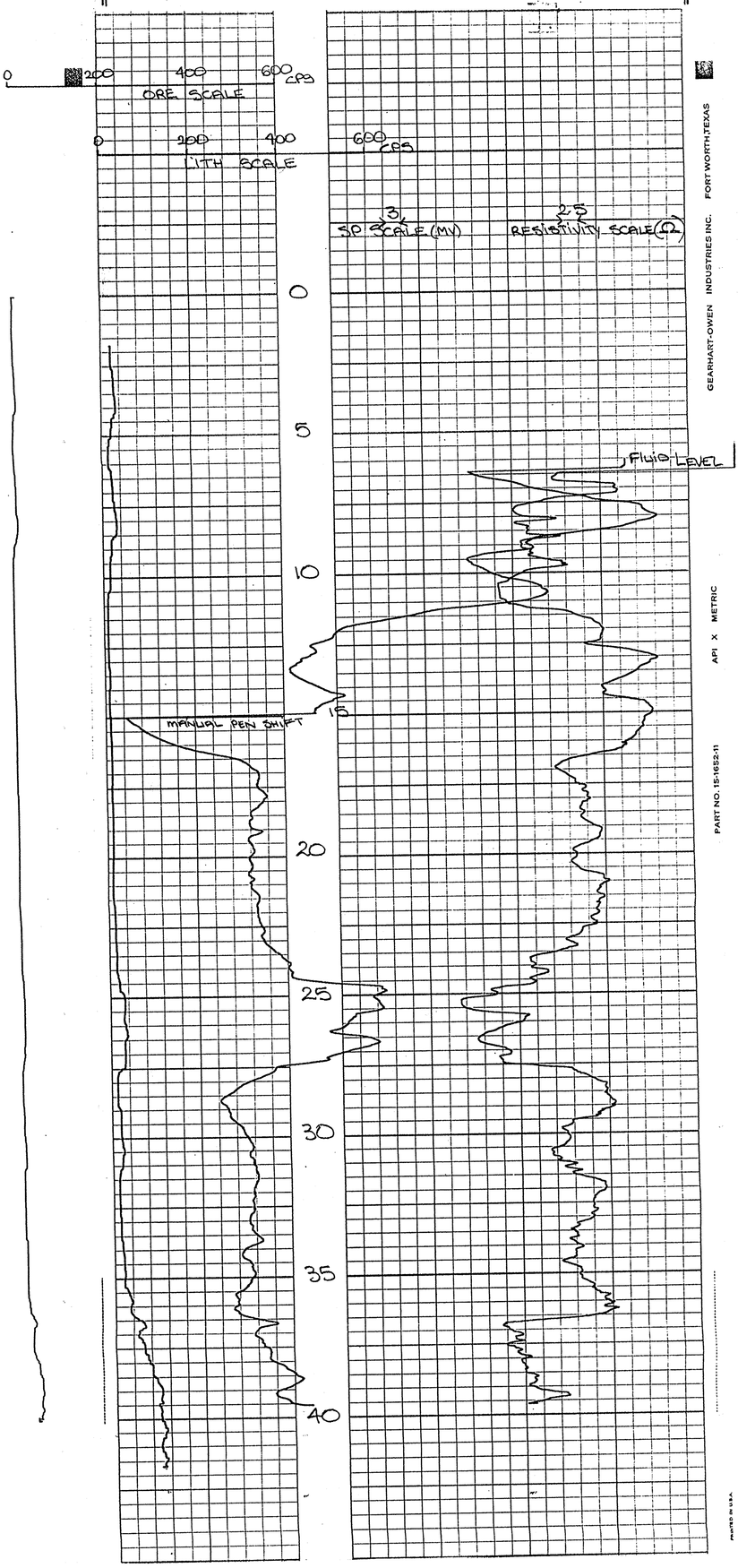


GEOEX PTY. LTD.

LOGGING DATA

DATE 6.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 40.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 477	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 100 CPS
T.D. 42.6M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 6.4M	FIRST READING 39.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG	
REMARKS	



477

GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

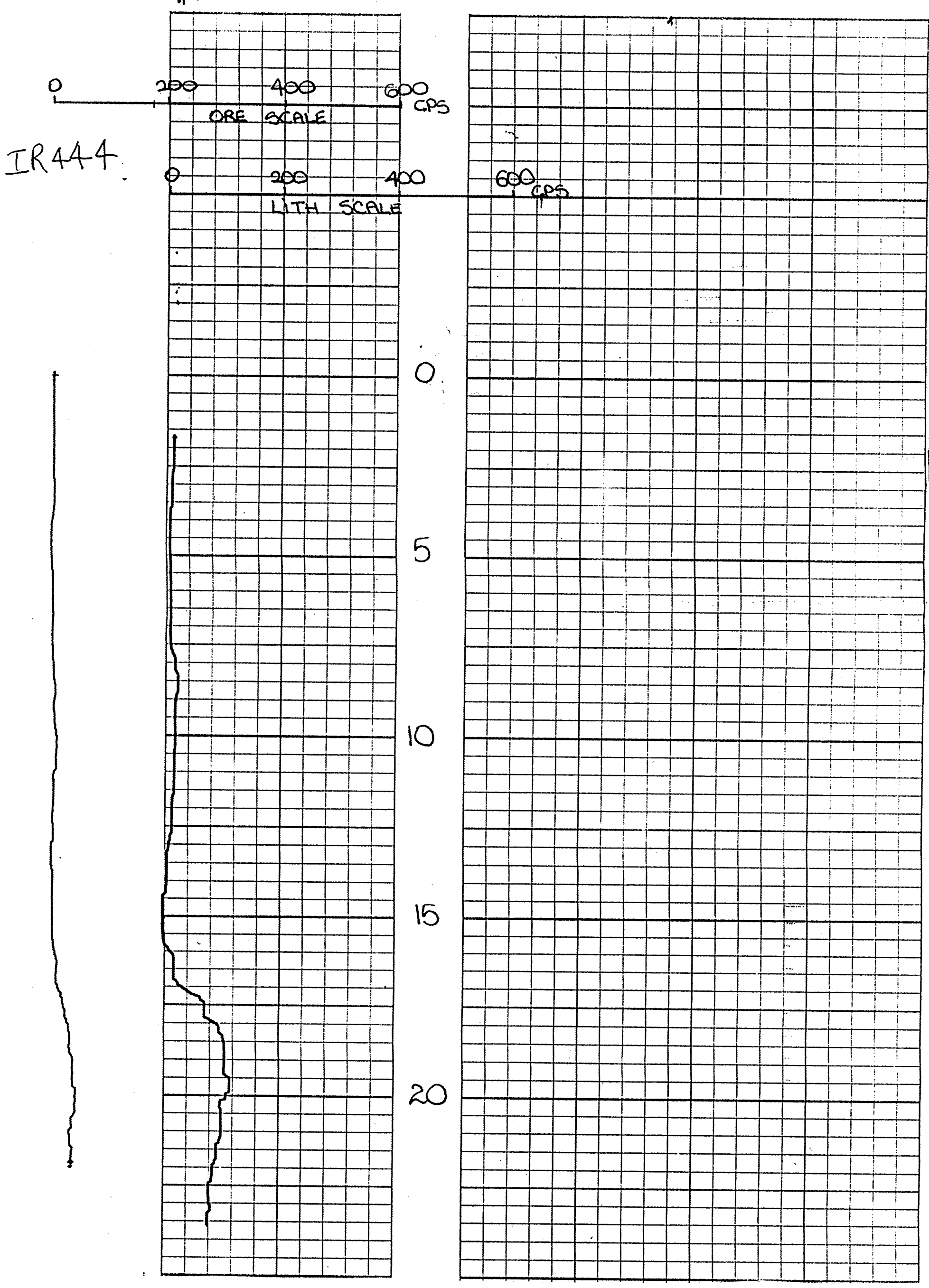
PART NO. 15-1652-11

GEOEX PTY. LTD.

LOGGING DATA

DATE 31.5.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 22.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 444	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 100 CPS
T.D. 24.1M	DETECTOR SIZE 1"x 3/4" ; 2 1/2"x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM DRY HOLE.	**ELECTRIC**
FLUID LEVEL —	FIRST READING
DRILLER	RESIST. SCALE (Ω/DIV.) —
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) —
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	

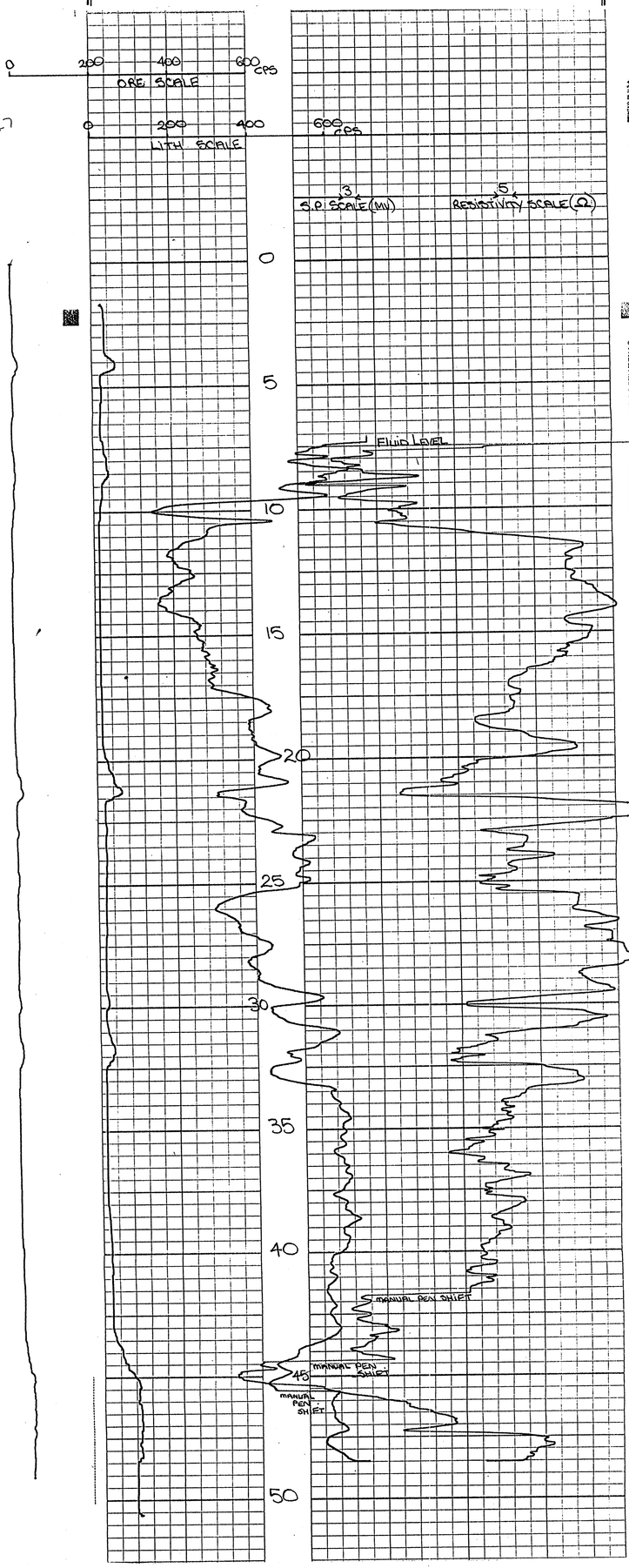


GEOEX PTY. LTD.

LOGGING DATA

DATE 1.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 49.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 447	LOGGING SPEED 7M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80CPS
T.D. 51.4M	DETECTOR SIZE 1"x¾", 2½"x⅞"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 7.7M	FIRST READING 48.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7μSEC	
OPERATOR W.M°G.	
REMARKS	

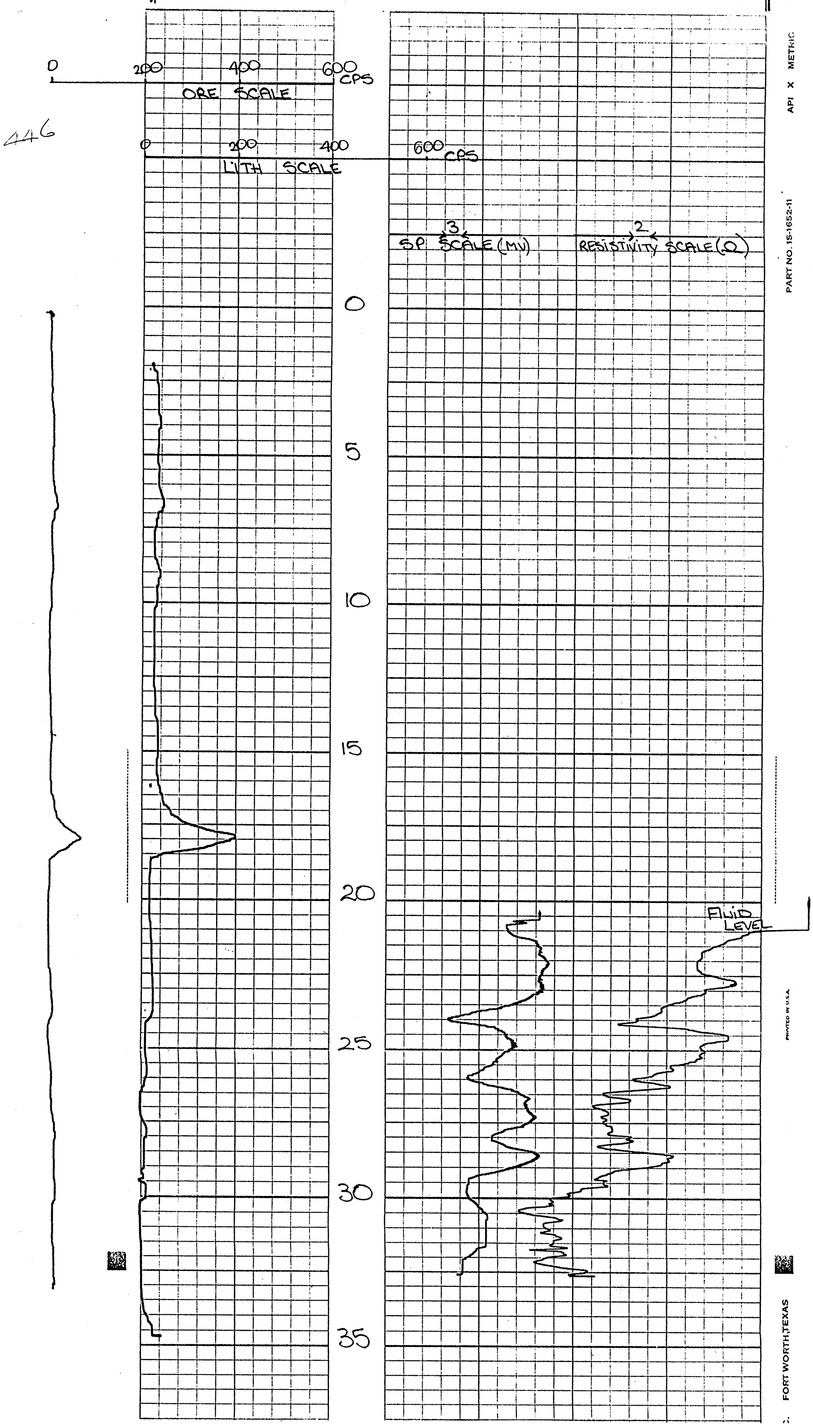


GEOEX PTY. LTD.

LOGGING DATA

DATE 1.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 33.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2SEC
HOLE Nº JR 446	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 1:20:1
CASING	BACKGROUND COUNTS 120CPS
T.D. 35.9M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 21.0M	FIRST READING 32.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	



API X METRIC

PART NO. 15-1652-11

PRINTED IN U.S.A.

FORT WORTH, TEXAS

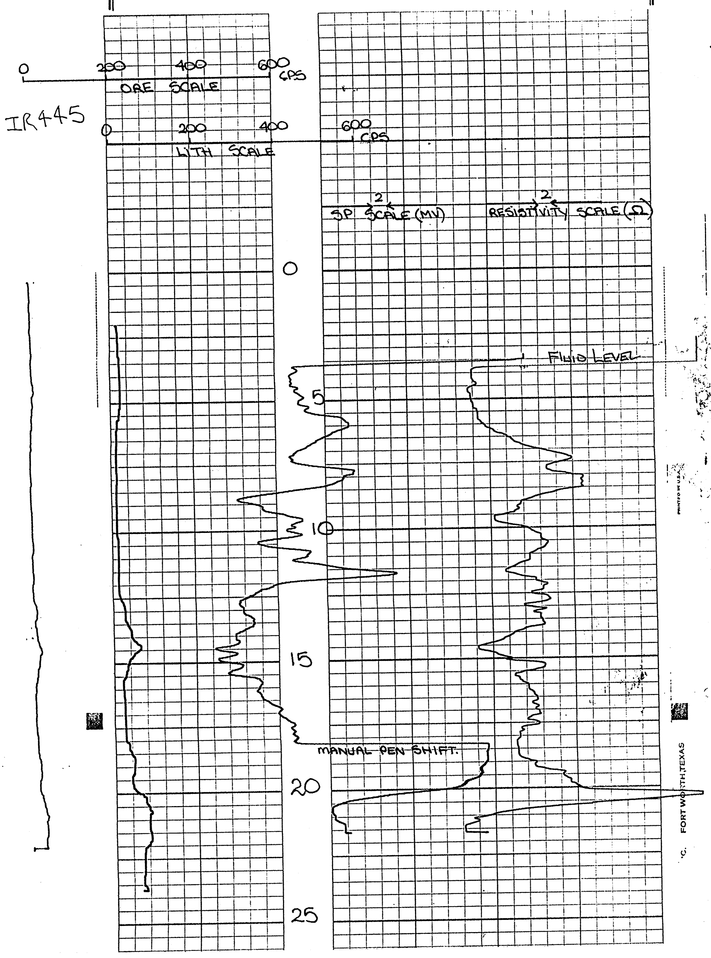
GEOEX PTY. LTD.

LOGGING DATA

DATE 31.5.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 22.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 445	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60 CPS
T.D. 24.2M	DETECTOR SIZE 1"x3/4"; 2½"x7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 3.8M	FIRST READING 21.6 M
DRILLER	RESIST. SCALE (Ω/DIV.) 2
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	

REMARKS



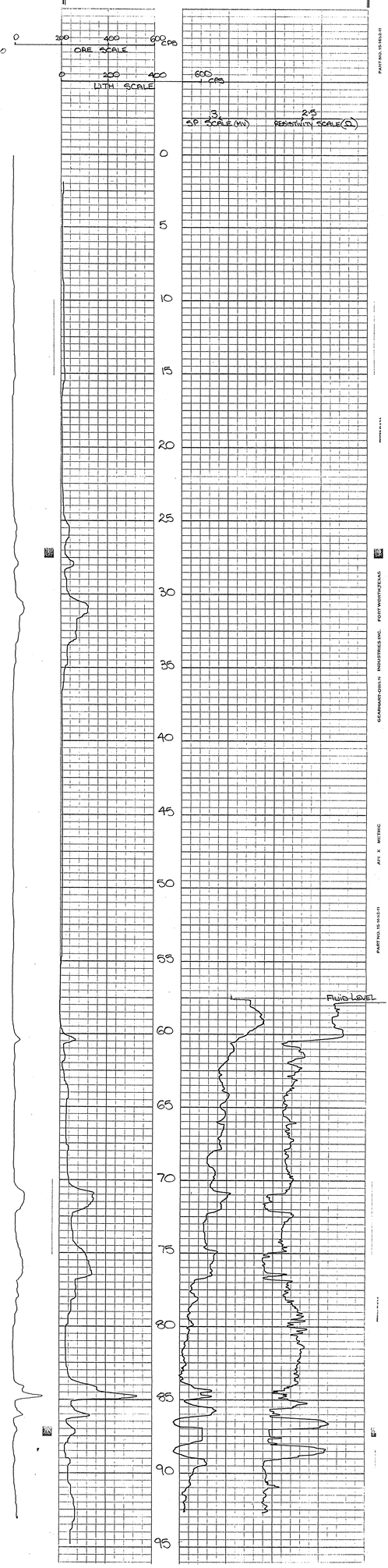
FORT WORTH, TEXAS

GEOEX PTY. LTD.

LOGGING DATA

DATE 3.6.80

LOCATION	GAMMA RAY
STATE SA	FIRST READING 99.0M
REGION NUNTIKOMPITA	RANGE 400CPS
PROJECT	TIME CONSTANT 2 SEC
HOLE DATA	LOGGING SPEED 7M/MIN
HOLE Nº TR 460	PAPER SCALE 100:1
HOLE SIZE 4¾	BACKGROUND COUNTS 50 CPS
CASING	DETECTOR SIZE 1"x¾", 2½"x⅛"
T.D. 99.2M	DIGITAL READ OUT ✓
SURFACE ELEVATION	ELECTRIC
BOREHOLE MEDIUM MUD + WATER	FIRST READING 92.6M
FLUID LEVEL 57.8M	RESIST. SCALE Ω/DIV. 2.5
DRILLER	S.P. SCALE (MV/DIV.) 3
INTERPRETATION DATA	PROBE SIZE 1⅝"
PROBE Nº C1	RES. TYPE SINGLE POINT
CALIBRATION STANDARD	RIG TIME
'K' FACTOR	
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	

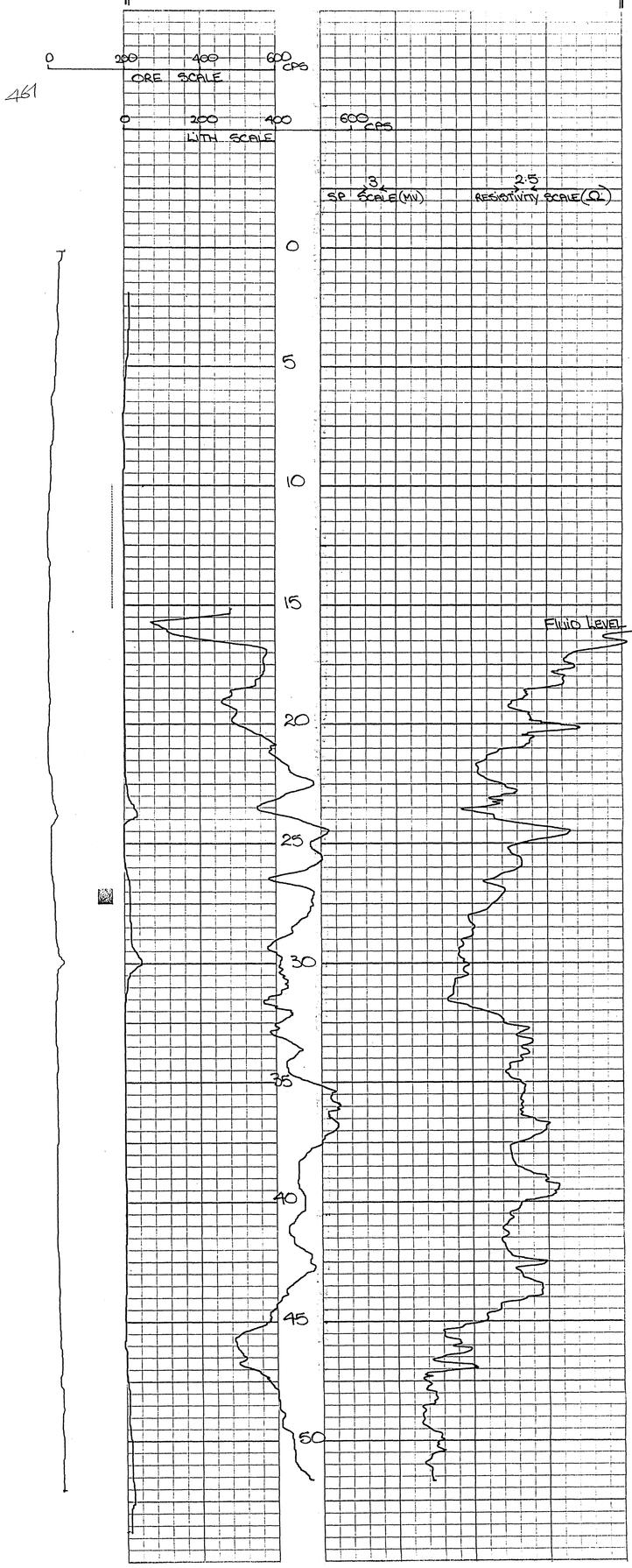


GEOEX PTY. LTD.

LOGGING DATA

DATE 4.6.90

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 52.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 461	LOGGING SPEED 7M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 20CPS
T.D. 54.7M	DETECTOR SIZE 1"x¾"; 2½"x⅞"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 16.2	FIRST READING 51.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	

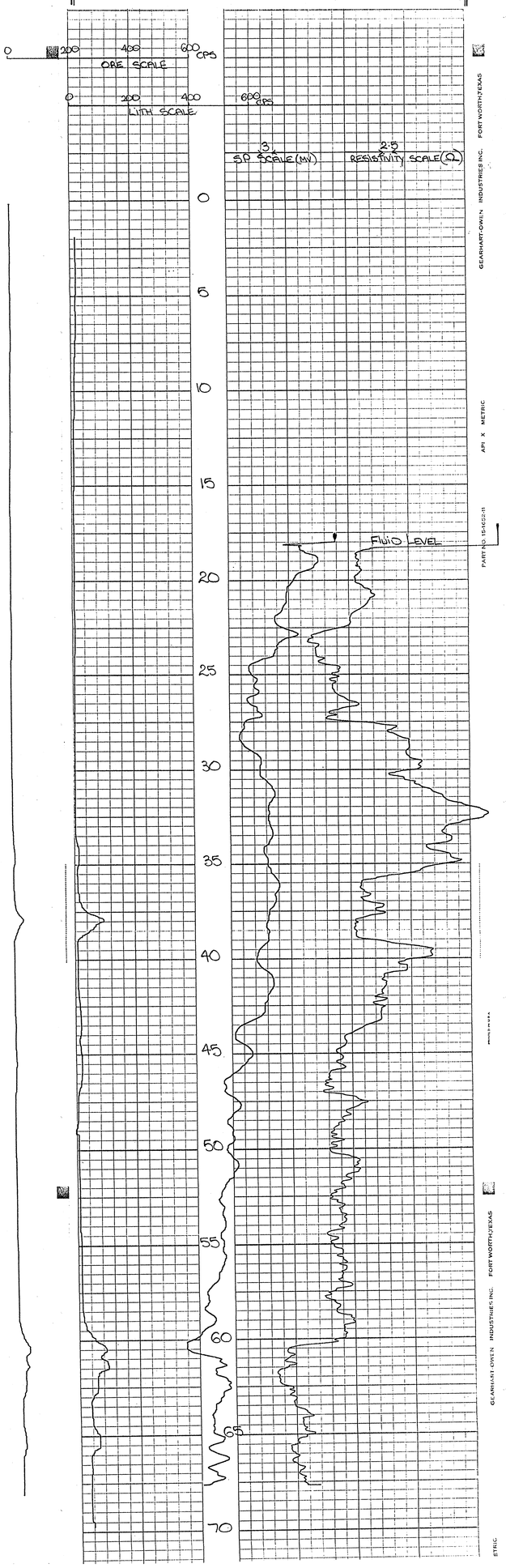


GEOEX PTY. LTD.

LOGGING DATA

DATE 4.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 68.0M
PROJECT	RANGE 40CPS
HOLE DATA	TIME CONSTANT 2SEC
HOLE Nº TR462	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100'
CASING	BACKGROUND COUNTS 40CPS
T.D. 70.7M	DETECTOR SIZE 1"x 3/4", 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 18.3M	FIRST READING 67.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	

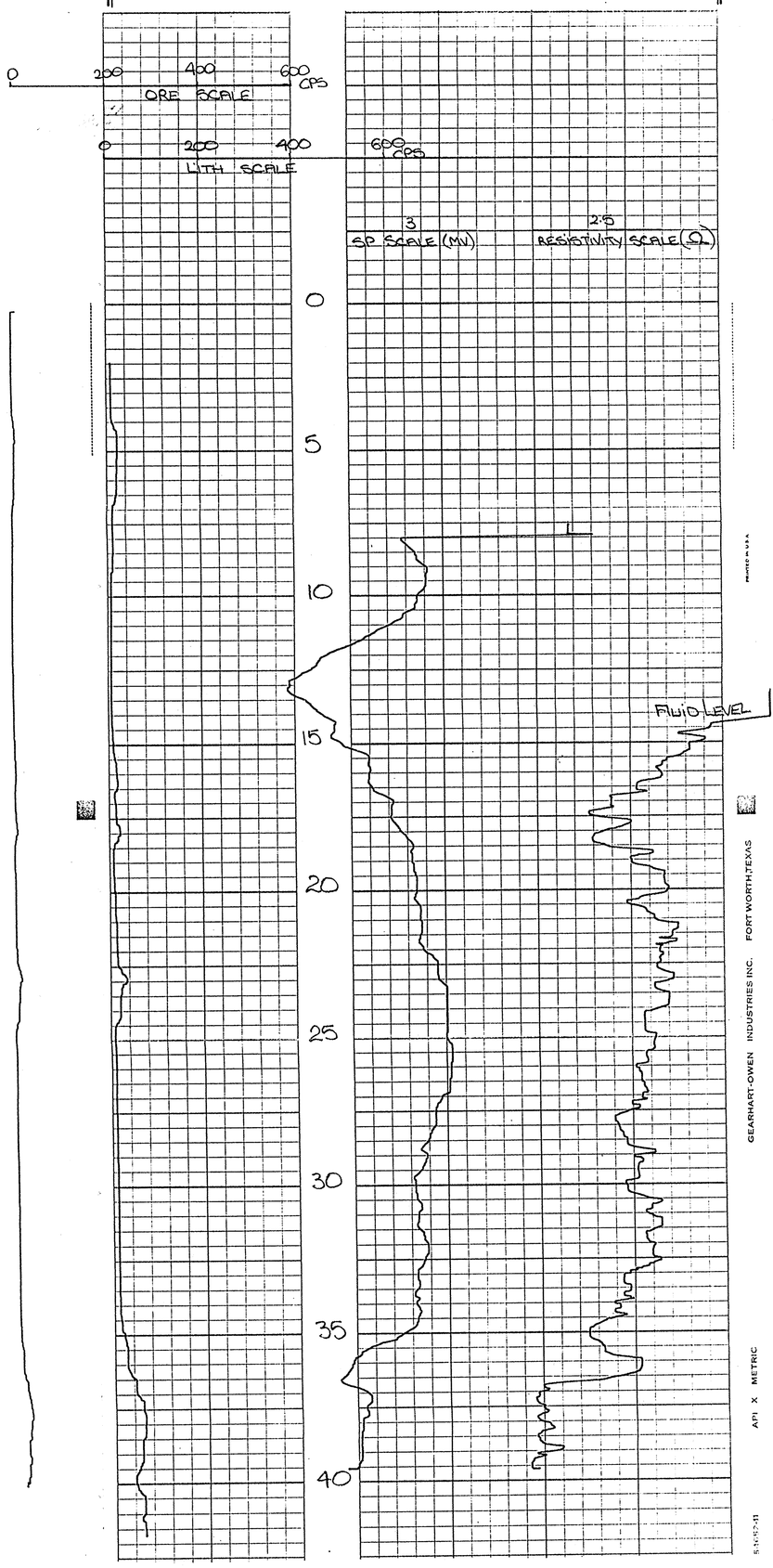


GEOEX PTY. LTD.

LOGGING DATA

DATE 4·6·80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 40.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 463	LOGGING SPEED 7 M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 50 CPS
T.D. 42.3M	DETECTOR SIZE 1" x ¾"; 2½" x ⅞"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 14·4M	FIRST READING 39.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	



GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

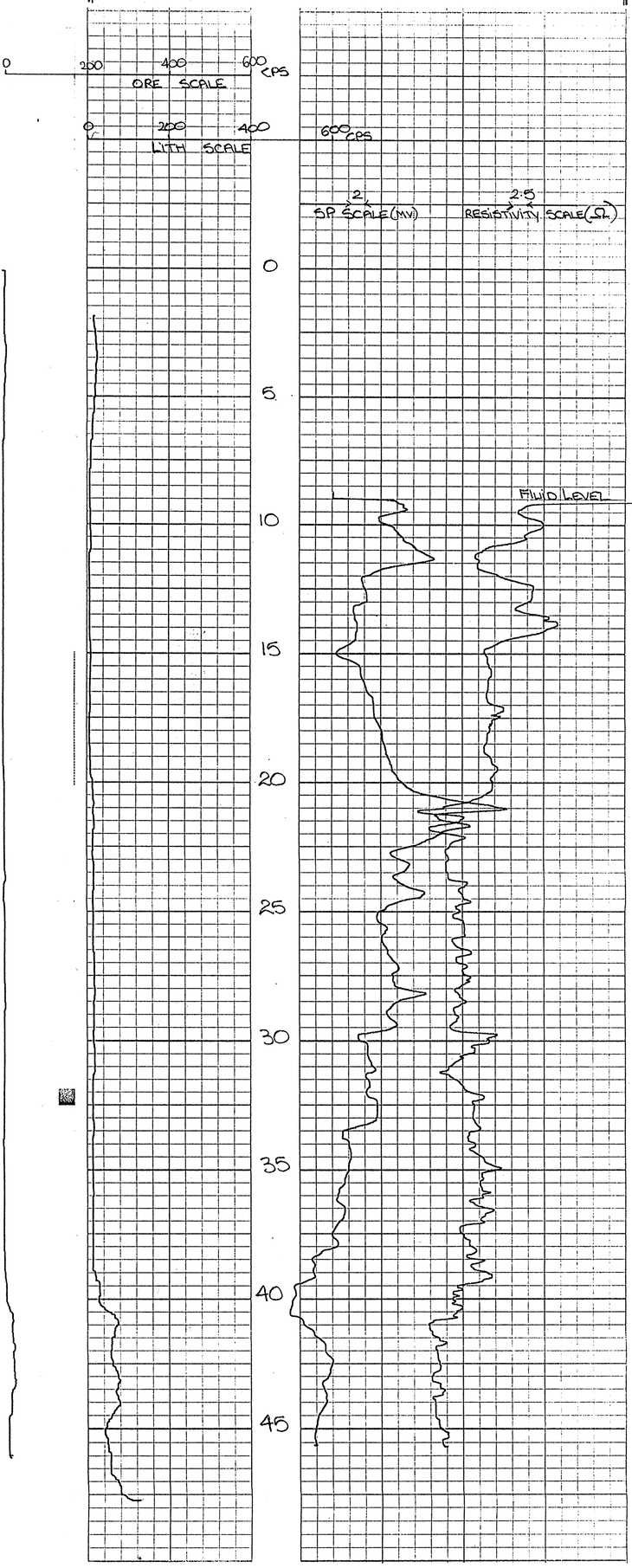
API X METRIC

GEOEX PTY. LTD.

LOGGING DATA

DATE 4.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 46.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 467	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 140CPS
T.D. 48.2M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 9.2M	FIRST READING 45.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	



API X METRIC

PART NO. 15-1652-11

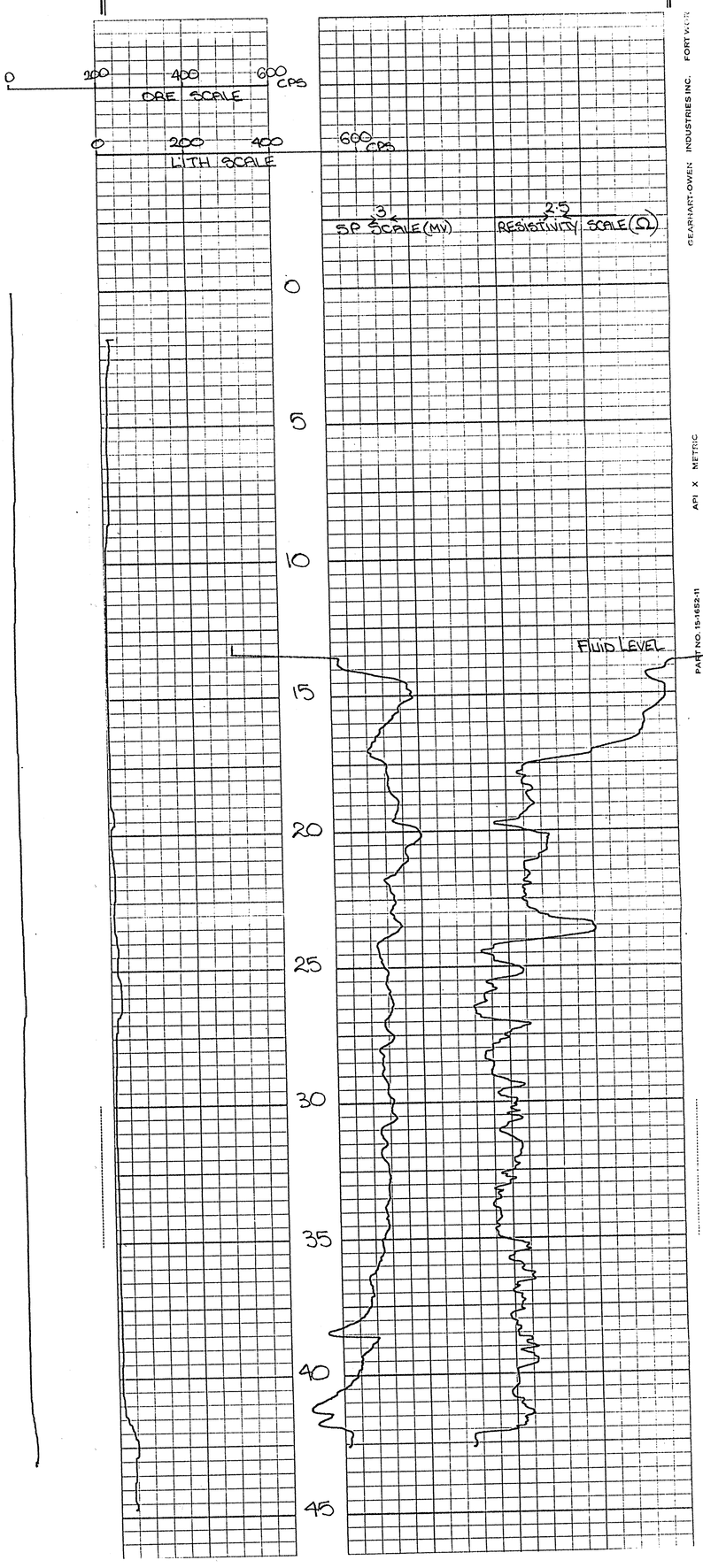
GEARHART-OWEN INDUSTRIES INC. FORT WORTH TEXAS

GEOEX PTY. LTD.

LOGGING DATA

DATE 4.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 43.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº JR 464	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 40 CPS
T.D. 45.4"	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 1/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 13.8M.	FIRST READING 42.6M
DRILLER	RESIST. SCALE (~/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C.1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	

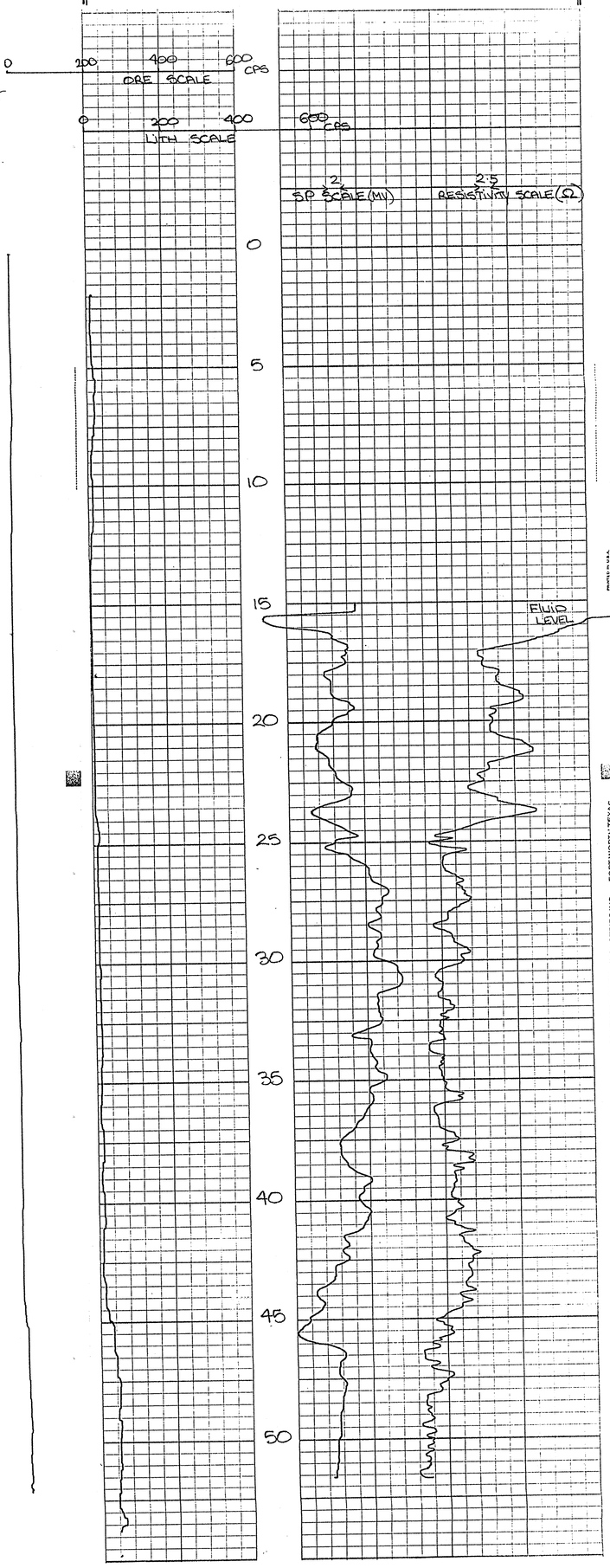


GEOEX PTY. LTD.

LOGGING DATA

DATE 4.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 52.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº JR 465	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 40 CPS
T.D. 54.4M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 15.8M	FIRST READING 51.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	



GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

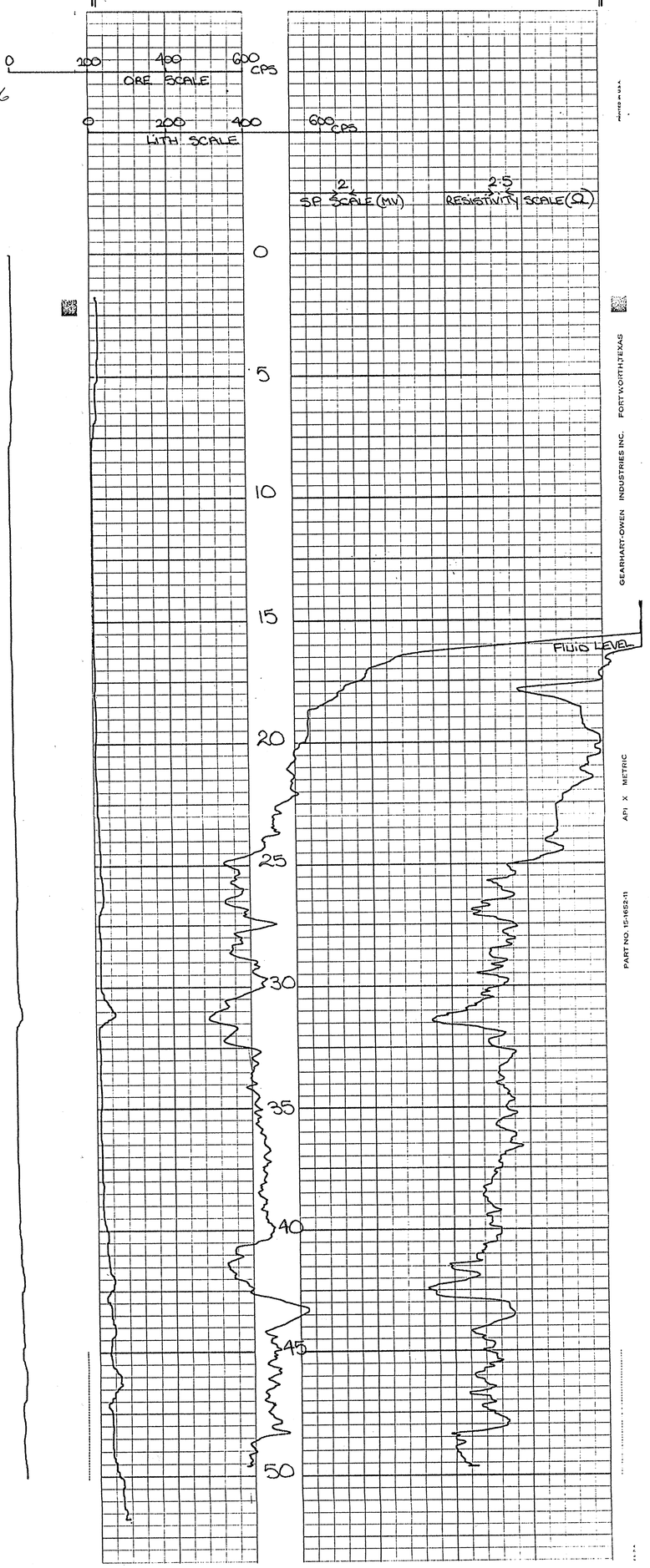
PART NO 15-1652-11

GEOEX PTY. LTD.

LOGGING DATA

DATE 4.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 50.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº JR 466	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60 CPS
T.D. 52.9M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 16.3M	FIRST READING 49.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	



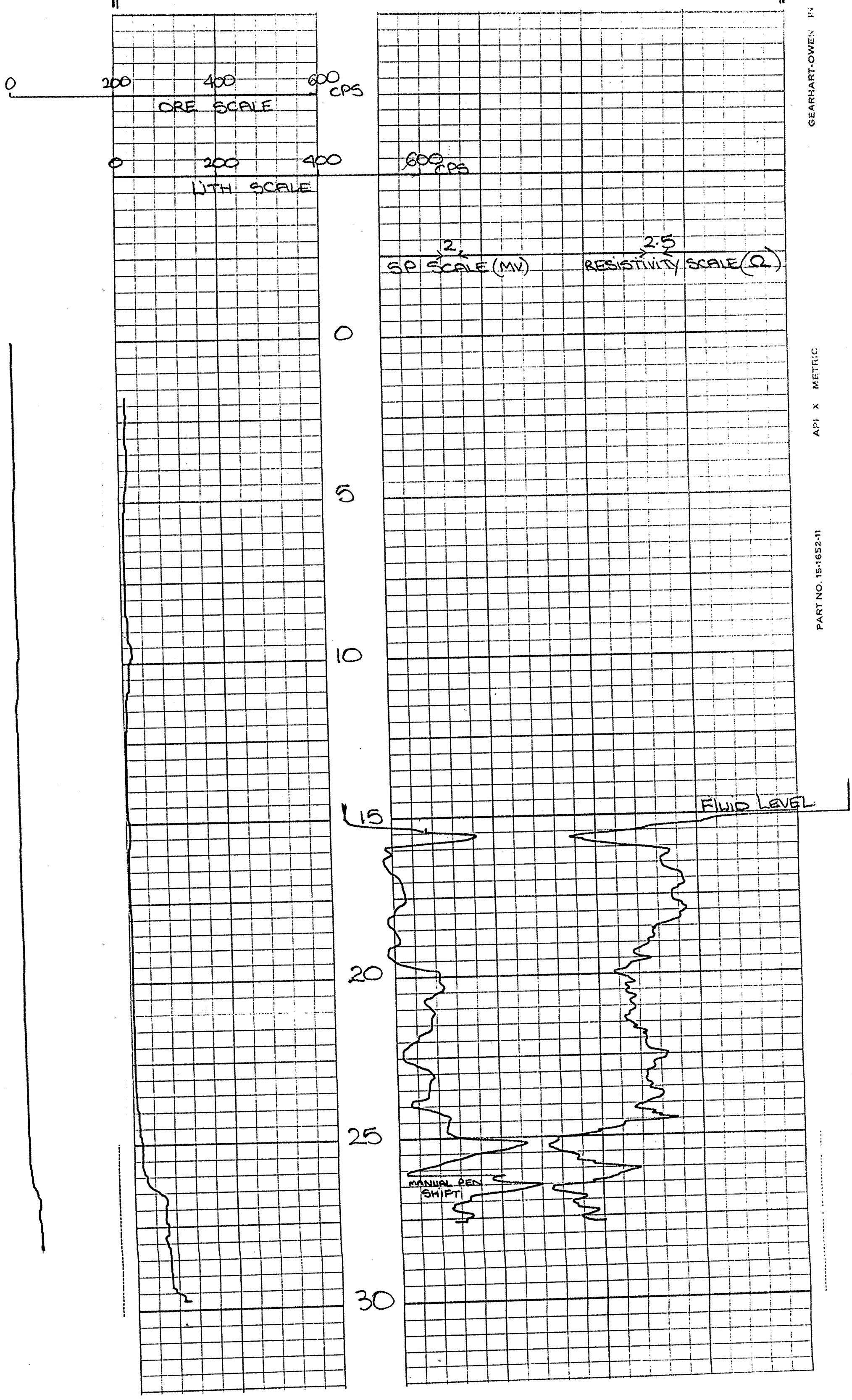
156

GEOEX PTY. LTD.

LOGGING DATA

DATE 4.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 28.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2SEC
HOLE Nº IR 468	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 100CPS
T.D. 30.7M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 15.1M	FIRST READING 27.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	



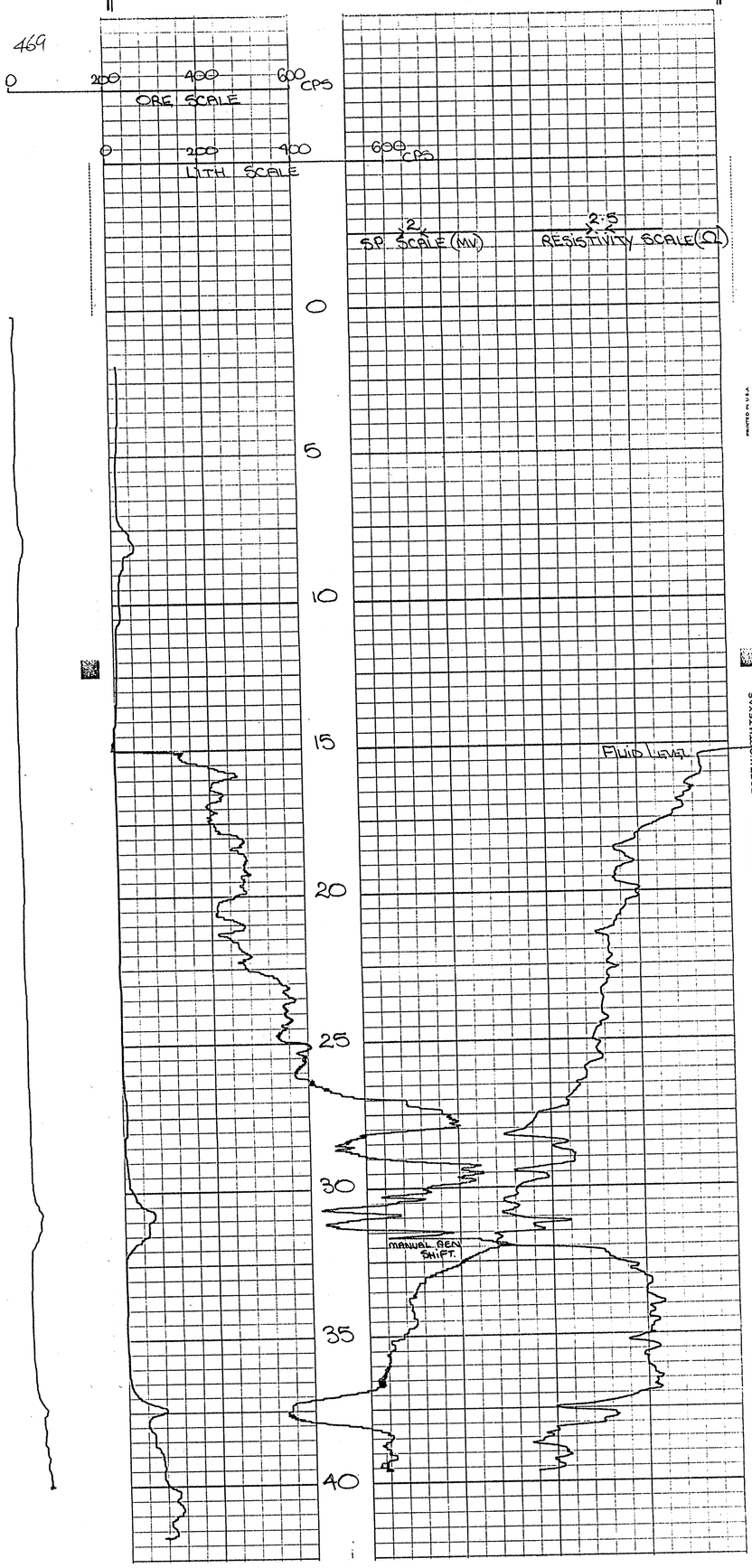
GEARHART-OWEN API X METRIC PART NO. 15-1652-11

GEOEX PTY. LTD.

LOGGING DATA

DATE 5.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 40.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 469	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80 CPS
T.D. 42.4M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 15.3M	FIRST READING 39.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	

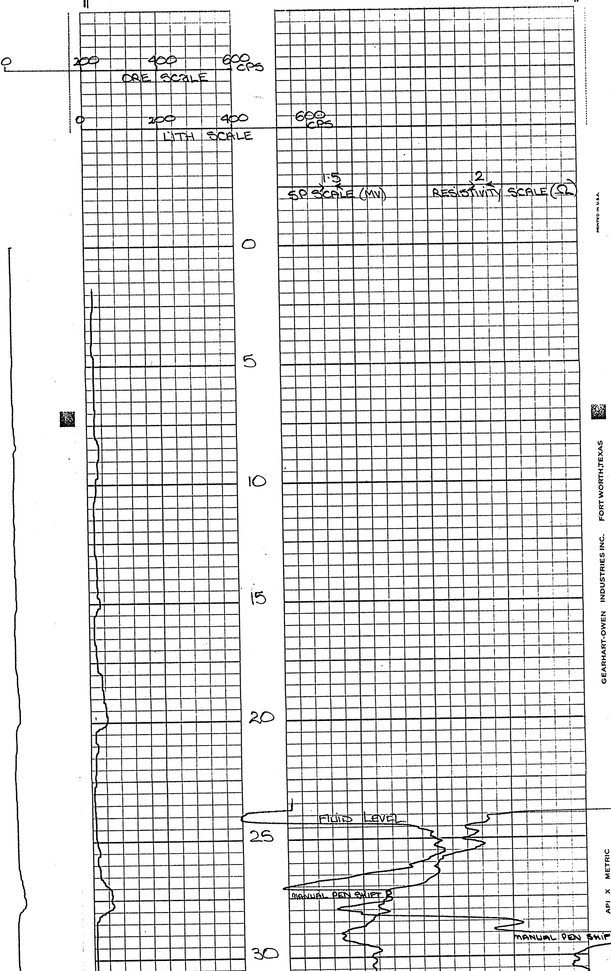


GEOEX PTY. LTD.

LOGGING DATA

DATE 8.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 70.0M
PROJECT	RANGE 400CPS
HOLE DATA	TIME CONSTANT 2 SEC.
HOLE Nº IR 489	LOGGING SPEED 1M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80CPS
T.D. 72.6M	DETECTOR SIZE 1" x 3/4" ; 2 1/2 x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 24.5M	FIRST READING 69.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	



GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

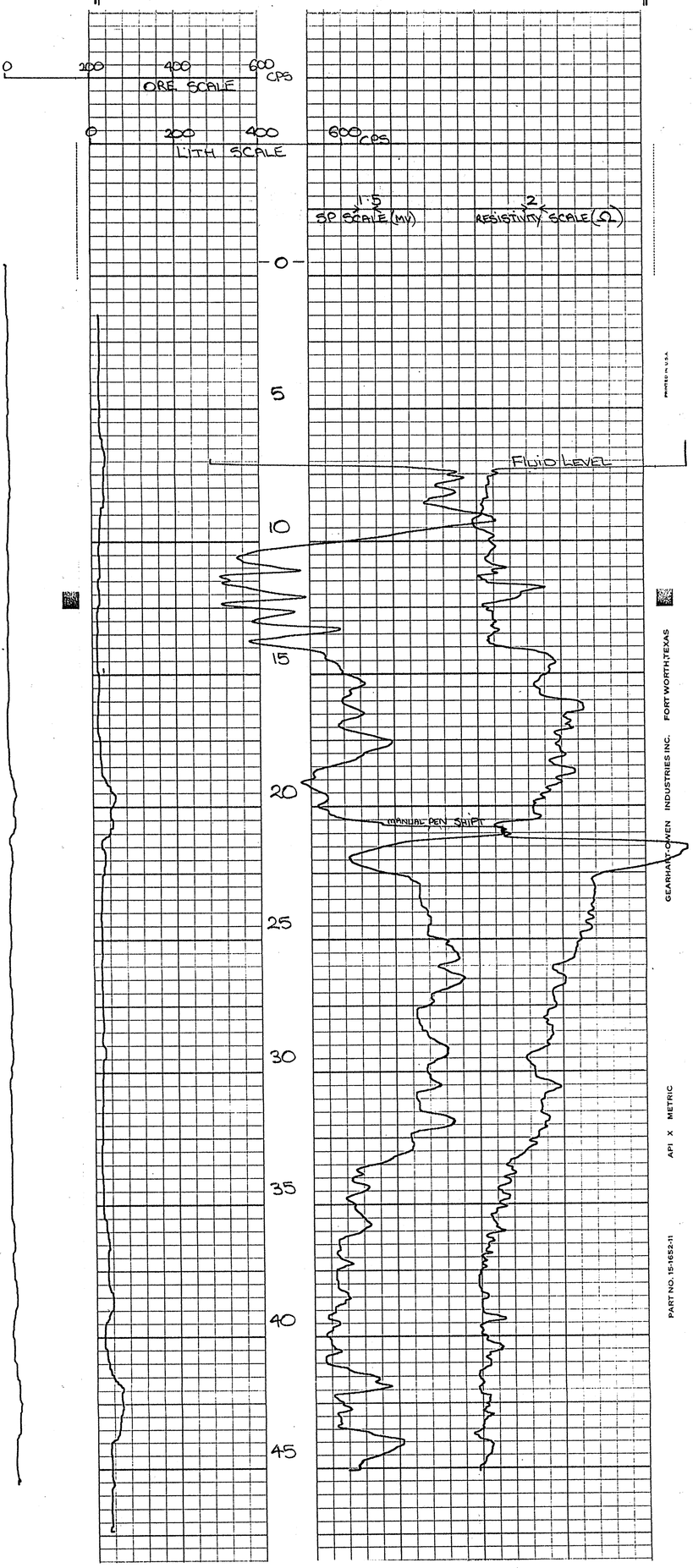
PART NO. 15-1652-21

GEOEX PTY. LTD.

LOGGING DATA

DATE 9.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 46.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 488	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 40 CPS
T.D. 48.7M	DETECTOR SIZE 1" x 3/4", 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 7.3M	FIRST READING 45.6M
DRILLER	RESIST. SCALE (~/DIV.) 2
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	

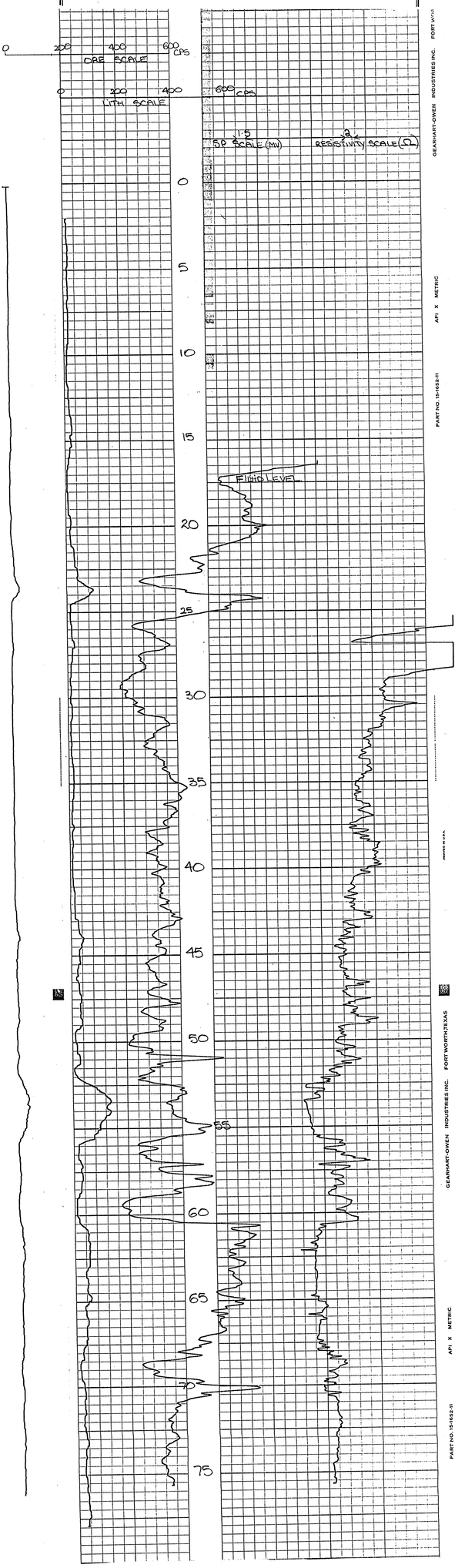


GEOEX PTY. LTD.

LOGGING DATA

DATE 8.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 76.0M
PROJECT	RANGE 40 CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR486	LOGGING SPEED 7M/MIN
HOLE SIZE 4¾"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 50 CPS
T.D. 78.9	DETECTOR SIZE 1"x¾":2½"x⅞"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 17.2M	FIRST READING 75.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 1⅝"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W. McG.	
REMARKS	

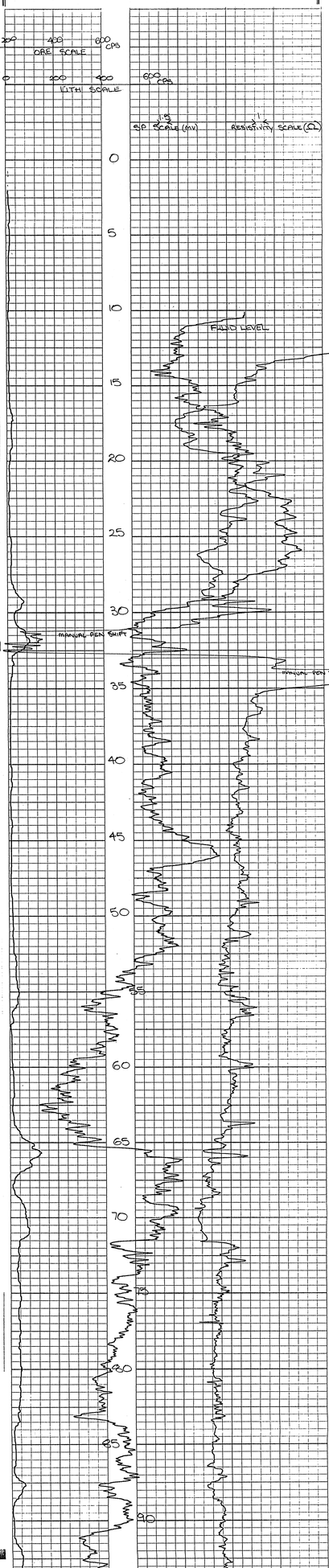


GEOEX PTY. LTD.

LOGGING DATA

DATE 8.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 94.0M
PROJECT	RANGE 40CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 4250	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 50 CPS
T.D. 96.8M	DETECTOR SIZE 1" X 3/4"; 2 1/2" X 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 10.9M	FIRST READING 95.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 1
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W. McG.	
REMARKS	

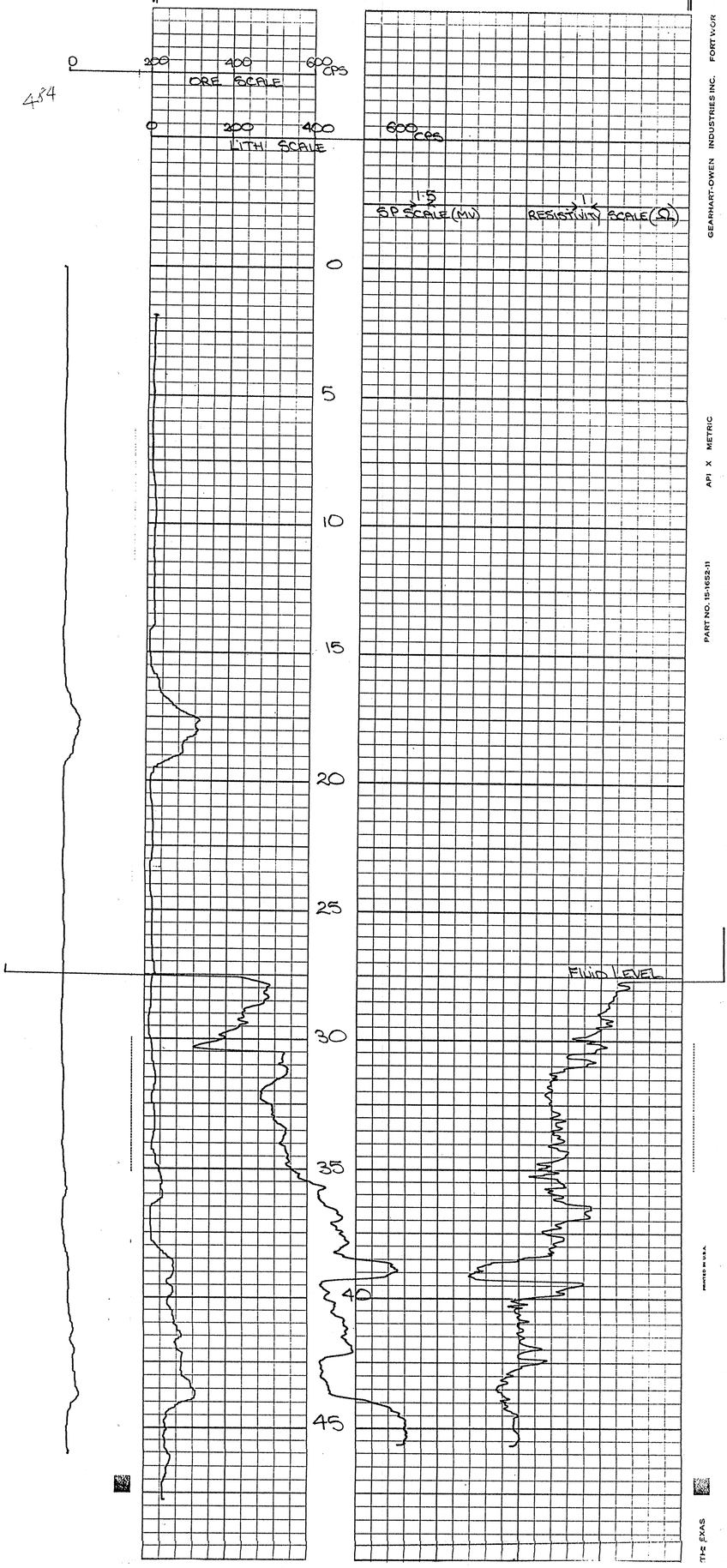


GEOEX PTY. LTD.

LOGGING DATA

DATE 8.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 46.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 484	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80 CPS
T.D. 48.5M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 27.6M	FIRST READING 45.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 1
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	

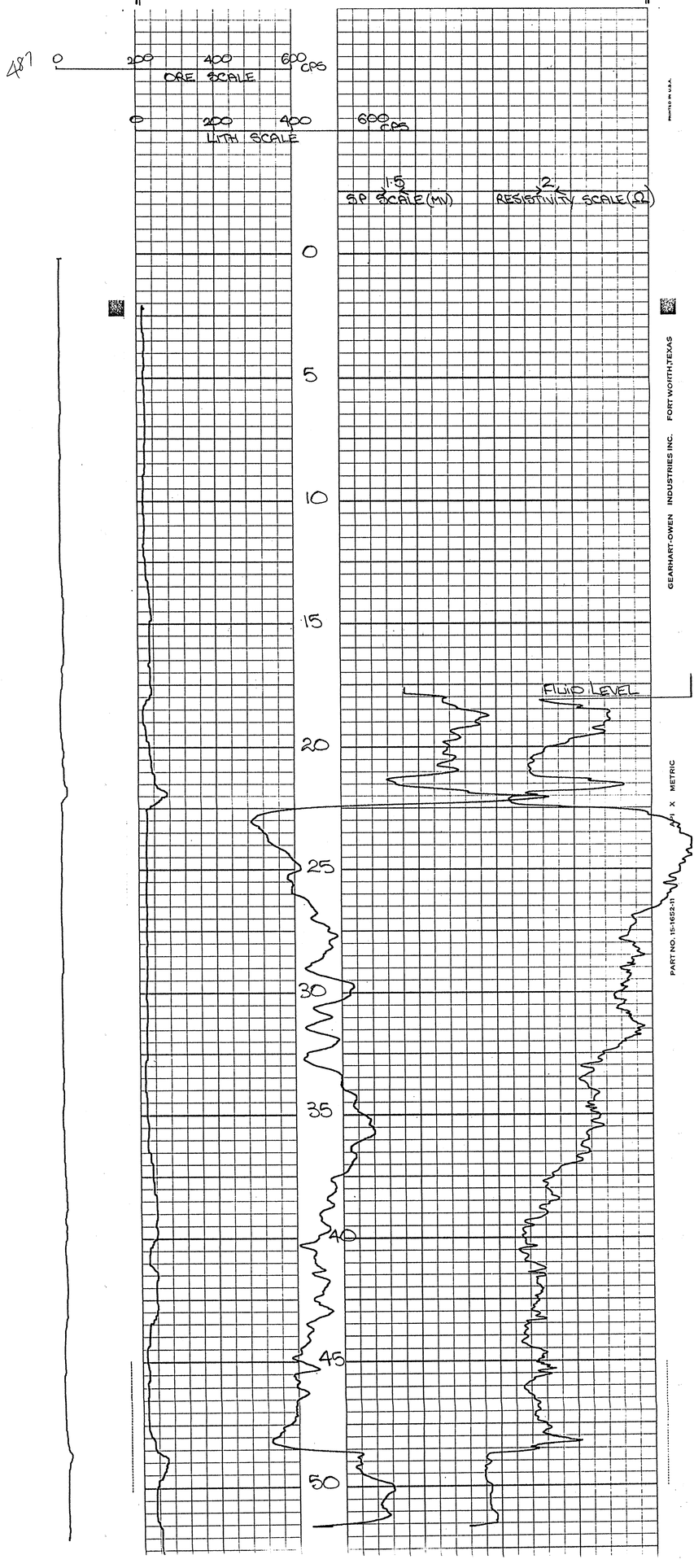


GEOEX PTY. LTD.

LOGGING DATA

DATE 8.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTIKOMPITA	FIRST READING 52.0M
PROJECT	RANGE 40 CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 487	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 80 CPS
T.D. 54.2M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 18.1M	FIRST READING 51.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W.McG.	
REMARKS	

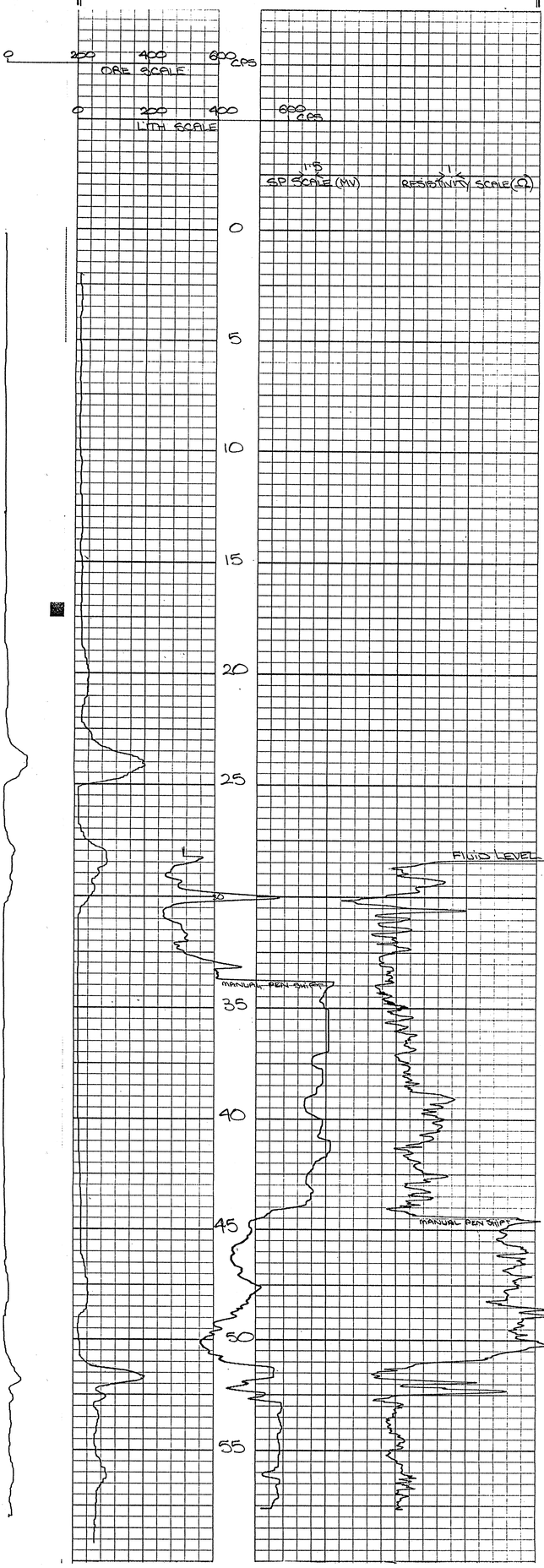


GEOEX PTY. LTD.

LOGGING DATA

DATE 8.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 58.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 483	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 30 CPS
T.D. 60.3M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 23.4M	FIRST READING 57.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 1
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 1.5
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG.	
REMARKS	

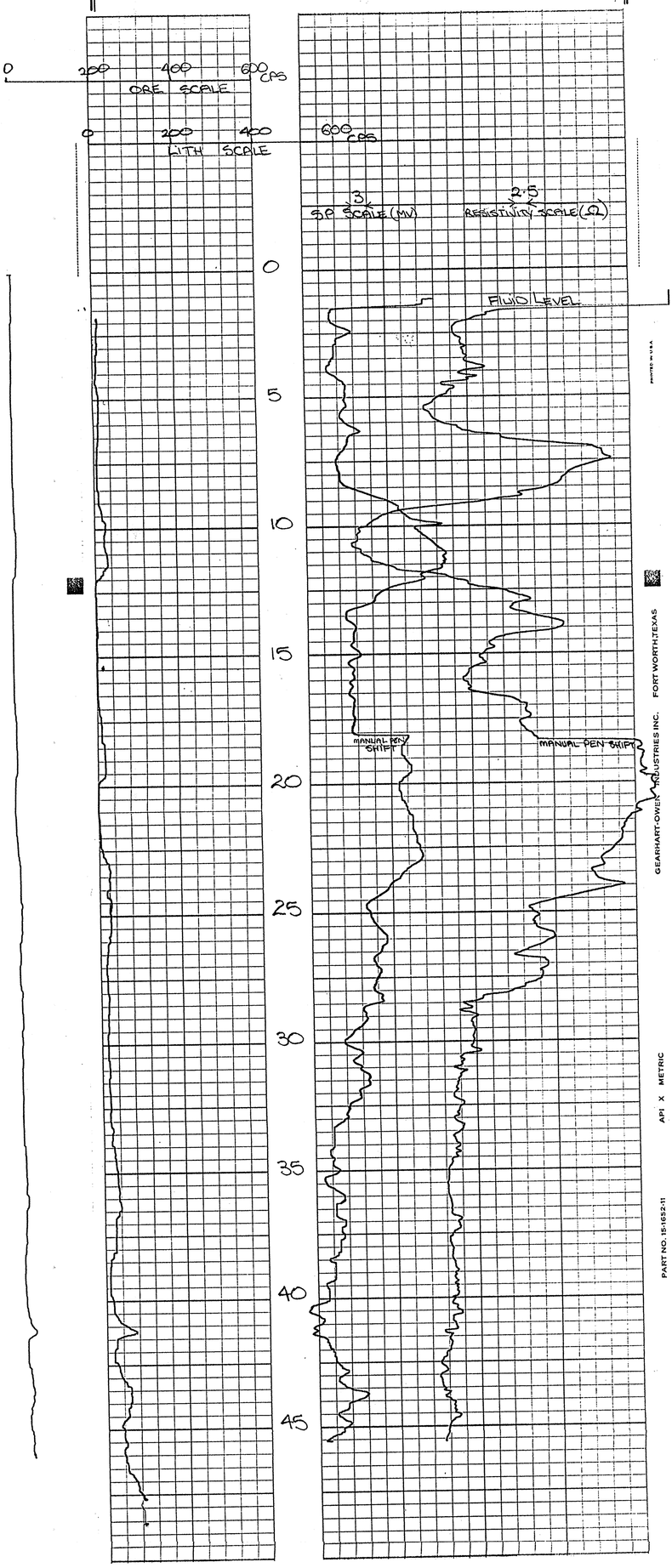


GEOEX PTY. LTD.

LOGGING DATA

DATE 7.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 46.0M
PROJECT	RANGE 40 CPS
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº TR 481	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100 : 1
CASING	BACKGROUND COUNTS 80 CPS
T.D. 48.6M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 1.6M	FIRST READING 45.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 3
PROBE Nº C1	PROBE SIZE 1 5/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W. McG	
REMARKS	



481

PRINTED IN U.S.A.

GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

API X METRIC

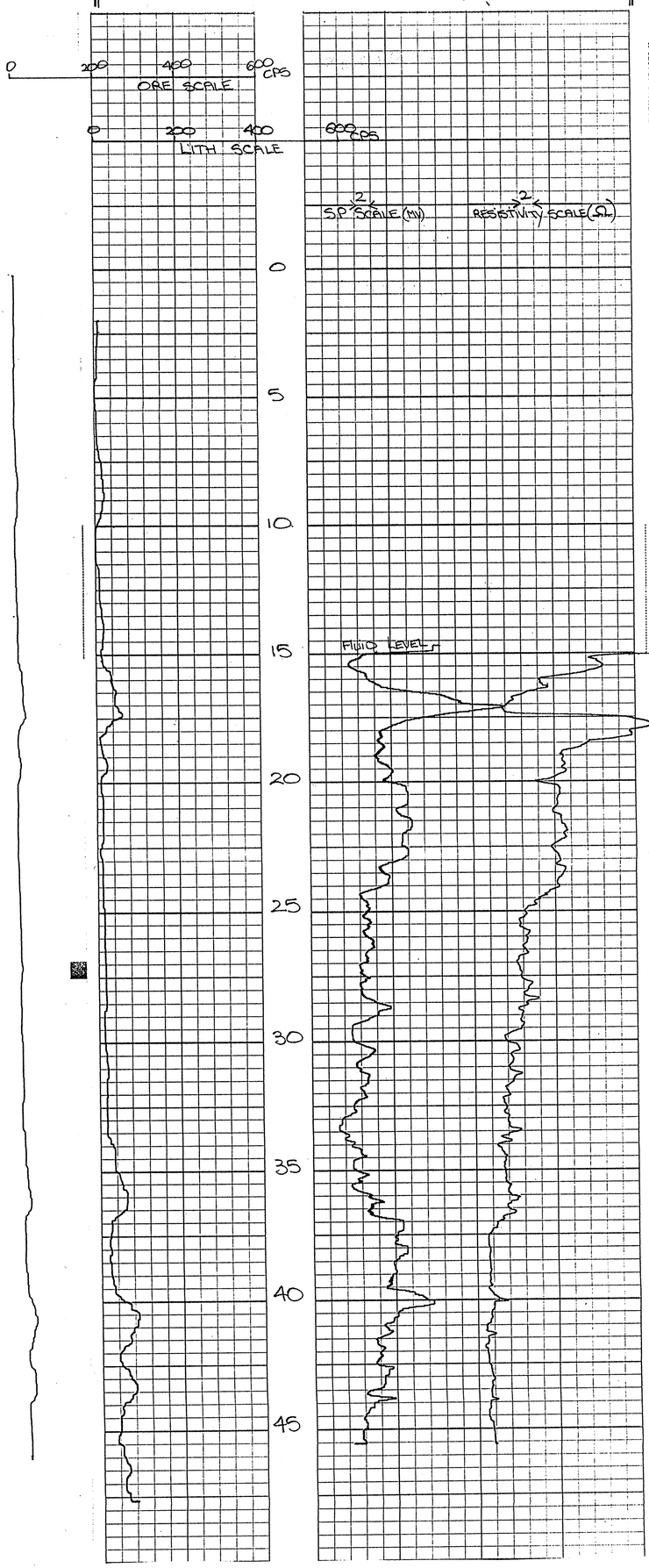
PART NO. 15-1652-11

GEOEX PTY. LTD.

LOGGING DATA

DATE 8.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNTJIKOMPITA	FIRST READING 46.0M
PROJECT	RANGE 40CPD
HOLE DATA	TIME CONSTANT 2SEC
HOLE Nº IR 482	LOGGING SPEED 7M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60CPS
T.D. 48.4M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD+WATER	ELECTRIC
FLUID LEVEL 15.1M	FIRST READING 45.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 1 3/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μsec	
OPERATOR W.McG.	
REMARKS	



PART NO. 15-1652-11

PRINTED IN U.S.A.

GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS

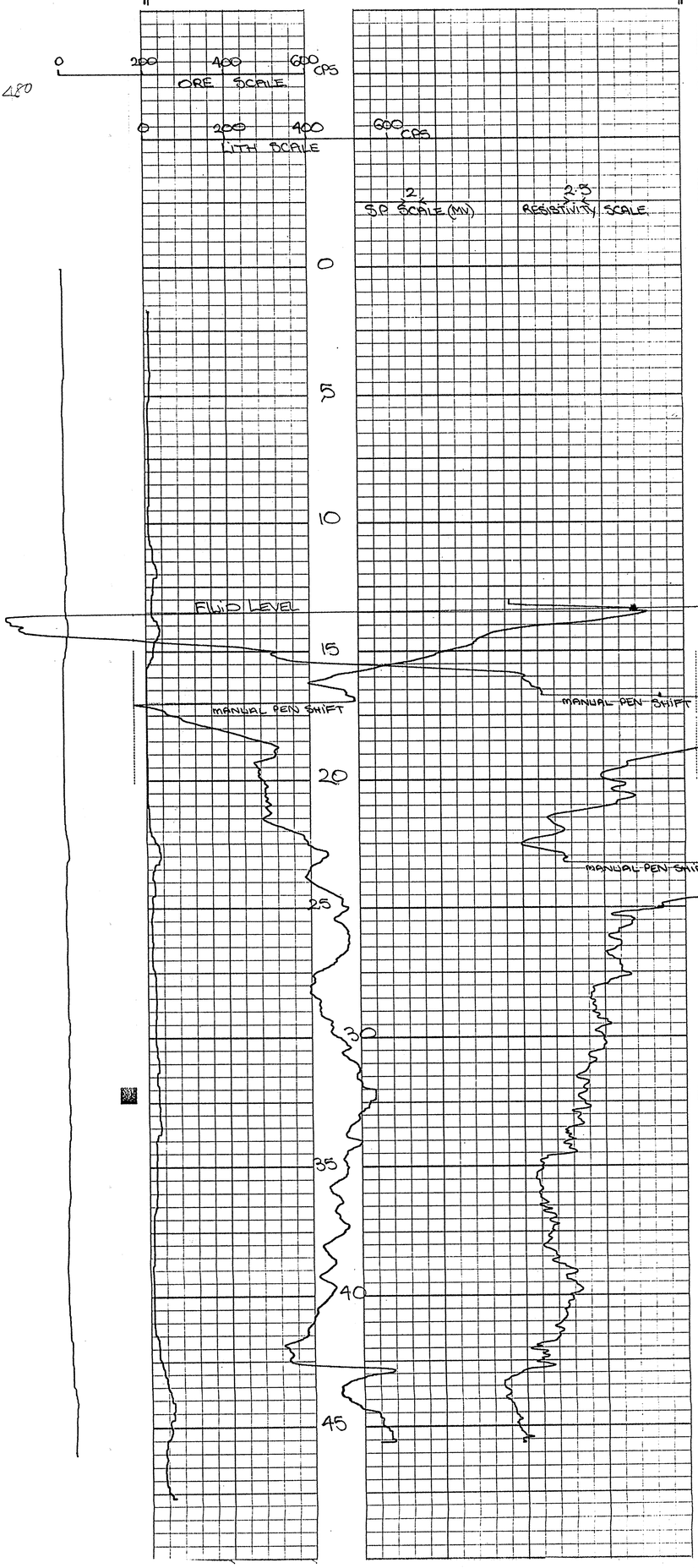
API X METRIC

GEOEX PTY. LTD.

LOGGING DATA

DATE 7.6.80

LOCATION	GAMMA RAY
STATE SA	
REGION NUNJIKOMPITA	FIRST READING 46.0M
PROJECT	RANGE 40 CPD
HOLE DATA	TIME CONSTANT 2 SEC
HOLE Nº IR 480	LOGGING SPEED 7 M/MIN
HOLE SIZE 4 3/4"	PAPER SCALE 100:1
CASING	BACKGROUND COUNTS 60 CPS
T.D. 48.5M	DETECTOR SIZE 1" x 3/4" ; 2 1/2" x 7/8"
SURFACE ELEVATION	DIGITAL READ OUT
BOREHOLE MEDIUM MUD + WATER	ELECTRIC
FLUID LEVEL 13.5M	FIRST READING 45.6M
DRILLER	RESIST. SCALE (Ω/DIV.) 2.5
INTERPRETATION DATA	S.P. SCALE (MV/DIV.) 2
PROBE Nº C1	PROBE SIZE 15/8"
CALIBRATION STANDARD	RES. TYPE SINGLE POINT
'K' FACTOR	RIG TIME
DEAD TIME 7 μSEC	
OPERATOR W. McG.	
REMARKS	



API X METRIC

PART NO. 15-1652-11

GEARHART-OWEN INDUSTRIES INC. FORT WORTH, TEXAS