



WELL ELEMENTARY

TANJIL POINT ADDIS-1

W418A

PE904161

This is an enclosure indicator page.
The enclosure PE904161 is enclosed within the
container PE904160 at this location in this
document.

The enclosure PE904161 has the following characteristics:

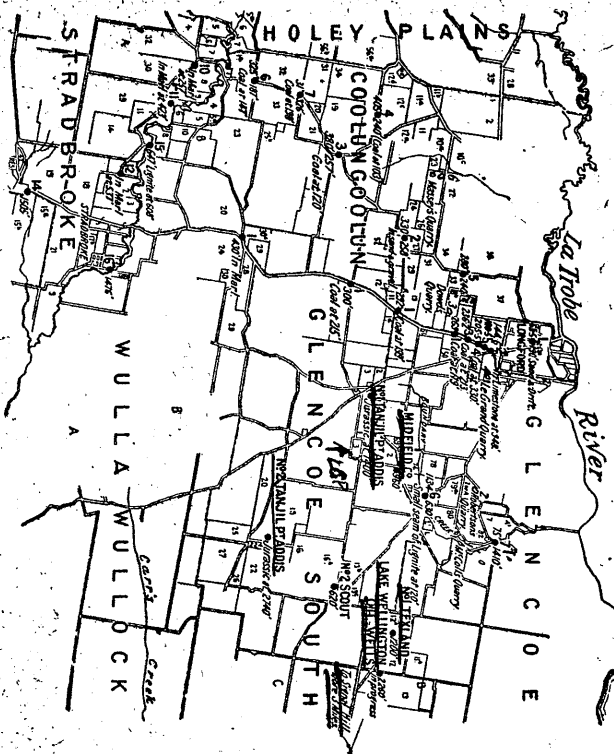
ITEM_BARCODE = PE904161
CONTAINER_BARCODE = PE904160
NAME = Well Card
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = WELL_CARD
DESCRIPTION = Well Card (enclosure from Well
Elementary) for Tanjil Pt Addis-1
REMARKS = abandoned 1939
DATE_CREATED =
DATE_RECEIVED =
W_NO = W418A
WELL_NAME = Tanjil Point Addis-1
CONTRACTOR =
CLIENT_OP_CO = Tanjil Pt Addis Co

(Inserted by DNRE - Vic Govt Mines Dept)

BORING AT LONGFORD DISTRICT

Scale of Miles
0 1/2 1 2 3

Reference
Height above sea level 200' 300' Depth of Bore



Although the following three districts are not situated in Gippsland, particulars are given of the boring done in the search for oil, as they comprise (in conjunction with eastern Gippsland), the principal areas in the State in which drilling for oil has been carried out.

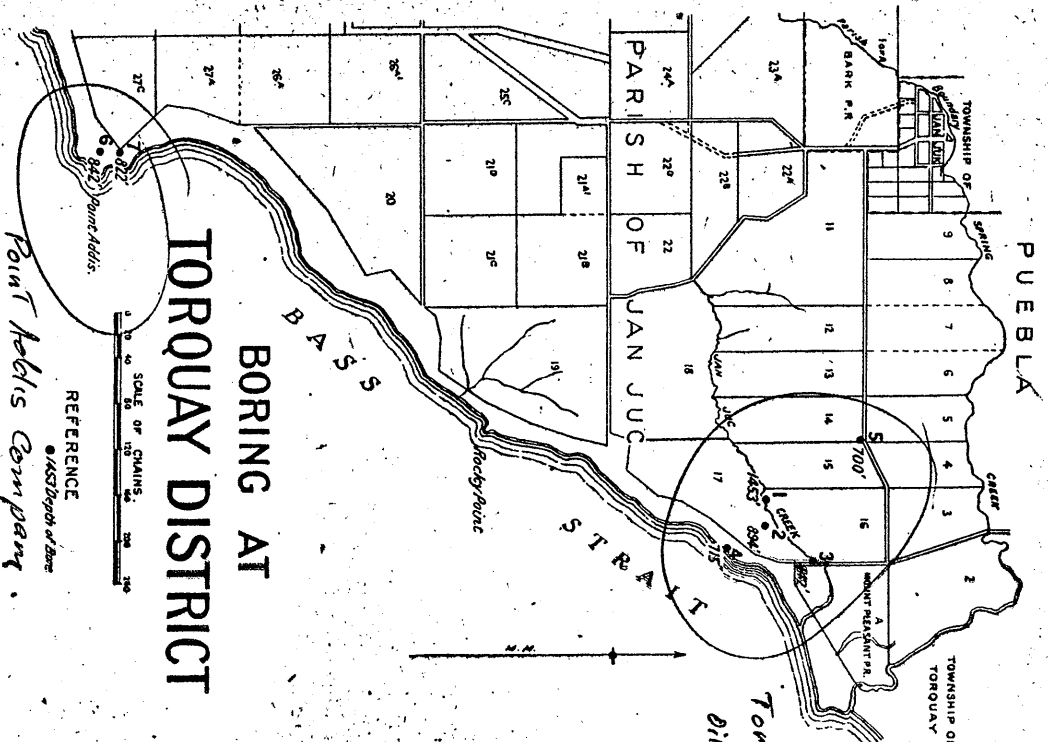
Sorrento.

At Sorrento, about 25 miles east of Torquay, a deep bore was drilled to 1,696 feet into lower Tertiary beds. Boring was stopped while still in these beds owing to the limit of the available plant being reached. This bore was put down by the Mines Department to investigate the possible economic resources and geological sequence.

BORING AT TORQUAY DISTRICT

Scale of Miles
0 1/2 1 2 3

Reference
Height above sea level



Torquay.

About 1924, the Point Addis Company commenced operations at Point Addis, about 7 miles from Torquay, drilling two holes (Nos. 6 and 7) to 842 and 922 feet respectively without reaching bedrock, the strata penetrated to this depth being clay, limestone sand, and ligniferous beds.

TANJIL-PT. ADDIS CO. 1 BORE

5771604.117
509460.77

BASIC INFORMATION

Drilled by: Tanjil-Pt. Addis Co.

Date: 1939

Location: 38°12'12" S, 147°06'29" E; Parish of Glencoe South

Elevation: 255 ft.

Total Depth: ?1591 ft. (depth of lowest sample)

Present Sample Availability: cores at scattered intervals between
745 and 1591 feet

~~XXXXXXXXXXXXXXXXXXXX~~
LITHOLOGIC LOG

The attached log, the only one available, was found in one of the Survey's Fossil Registers. The recorded depths refer only to those samples originally collected by the Commonwealth palaeontologist, though not all of these are now available.

It is presumed that single depth references are to the base of the associated lithology, e.g. 144' represents the base of "marl".

STRATIGRAPHIC SUBDIVISION

Because of sample gaps, and the lack of samples available from the marine beds, the subdivision is only approximate:

Haunted Hill Gravels: 0-?48 ft.

Gippsland Limestone-Lakes Entrance Formation (Undifferentiated):
?48-144 ft.

Latrobe Valley Coal Measures: 144-1207 ft.

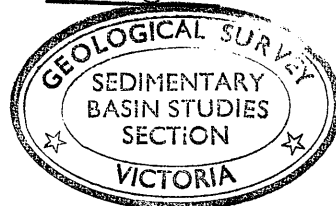
(GAP)

Strzelecki Group: 1380-1591 ft.

Barry Hocking

9.12.69

J. B. HOCKING,
Geologist



T.P.A-1: Summary log

TANJIL OIL CO. N.L.; POINT ADDIS OIL WHEELS N.L.; (TANJIL OIL NO. 2. CO. N.L.)

Joint Bore, Longford, Gippsland.

El. 255'

225RL

Depth (of base of lithology?) ft.	Formation
48	Clay ← any marine?
103	Limestone and clay bands.
144	Marl ←
300	Lignite and ligneous clay
304	Sand drift
373	Lignite and ligneous clay
480	Clay
485	Sand drift
511	Cemented sand
521	Clay
592	Hard cemented sand and gravel
612	Sand. bands of clay
626	Firm cemented sand
628	Cement to harden
637	Clay
639	Drift sand
661	Hard cemented sand
661-673	Hard cemented sand
673-676	Extremely hard cemented sand
676-745	Lignite, hard
745-756	Lignite, with bands of angular cemented sand
756-760	Sand, medium to coarse
760-766	Seams of lignite, coarse cemented sand
766-768	Very sticky ligneous clay
768-777	Seams of putty and chocolate-colored clay
777-779	Lignite
779-784	Stiff putty-colored clay
784-792	Very sticky putty-colored clay
792-795	Lignite
795-798	Ligneous clay
798-800	Soft micaceous clay with thin seams of pyrites
809	Quartz sand
803-816	" "
852	" "
871	Coarse sand and lignite
874	Grey clay
876-878	" "
886	" "
914	" "
926-930	Sandy ligneous mud
932-941	Grey clay
948-952	" "
966-979	Grit
988	" "
991-994	Loose coarse sand
994	" " "
1020	" " "
1035	" " "
1041	Loose fine sand
1042	" "
1051-1056	" "
1074	" "
1083	" "
1146	" "
1153-1156	" "
1177-1181	" "
1204-1207	" "
1230-1390	Shr. zebach Gp. } unconsolidated sandy gravel and gravelly sand (B.H.) ← samples available
1410	" "
1430-1500	" "
1518	" "
1556	" "
1560	" "

GSM Log No. 32700

32701 @ 76'

32702 @ 784'

GSM 32705 Ref. No. 32706

32703 (a) 44 45 46 47 (a) 48 49 50 51 52 53 54 55 56 57 58

32759

33008 009 33010

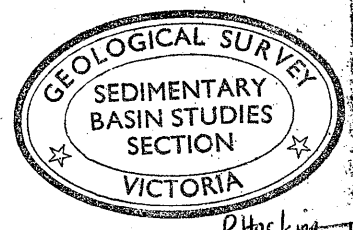
33011 12 13 14 15 16 17 18 33019

G.S.M. Ref. No.

Frst.

33020 33021 33022

1566-1567 1575 1591



B. Hacking

48 ft.	Clay
103 "	Limestone & clay bands
144 "	Marl
300 "	Lignite & lignous clay
304 "	Sand drift
372 "	Lignite & ligneous clay
480 "	Clay
485 "	Sand drift
511 "	Cemented sand
521 "	Clay
592 "	Hard cemented sand and gravel
612 "	Sand bands of clay
626 "	Firm cemented sand
628 "	Cement to harden.
637 "	Clay
639 "	Drift sand
641 "	Hard cemented sand

TANJIL OIL CO. N/L., PT. ADDIS OIL WELLS N/L., TANJIL OIL NO. 2 CD. N/L.

Report for week ending 28th. Aug. 1931.

The bore has been advanced 95 ft. to 756 ft. in the following formations:-

From 661 ft.	to	673 ft.	- Hard cemented sand.
673 "	"	676 "	- Extremely hard cemented sand.
676 "	"	745 "	- Lignite: hard.
745 "	"	756 "	- Lignite, with bands angular cemented sand.

(Signed).

M. R. McKeown.

Superintendent.

756	760	Soft medium to coarse
760	766	lean lignite coarse cemented sand
766	768	Very sticky aqueous clay
768	777	lean of putty chocolate colored clay
777	779	lignite
779	784	stiff putty colored clay
784	792	very sticky putty colored clay
792	793	lignite
793	798	aqueous clay
798	800	soft micaceous clay with thin
		lean pyrite

Synopsis of Report.

Stratigraphical Position.

Report.

TANJIL OIL CO. N/L., PT. ADDIS OIL WELLS CO. N/L., TANJIL OIL NO.2 CO.

JOINT BORE LONGFORD.

Depth.	Bore.	Formation.
48 ft.	(31)	Clay
103 "		Limestone & clay bands
1 " (with hole)		Marl
300 "		Lignite & lignous clay
304 "		Sand drift
372 "		Lignite & ligneous clay
480 "		Clay
485 "		Sand drift
511 "		Cemented sand
521 "		Clay
592 "		Hard cemented sand and gravel
612 "		Sand bands of clay
6 " (with hole)		Firm cemented sand
628 "		Cement to harden.
637 "		Clay
639 "		Drift sand
661 "		Hard cemented sand

TANJIL OIL CO. N/L., PT. ADDIS OIL WELLS N/L., TANJIL OIL NO.2 CO. N/L.

Report for week ending 28th. Aug. 1931.

The bore has been advanced 95 ft. to 756 ft. in the following formations:-

- From 661 ft. to 673 ft. - Hard cemented sand.
- 673 " " 676 " - Extremely hard cemented sand.
- 676 " " 745 " - Lignite: hard.
- 745 " " 756 " - Lignite, with bands angular cemented sand.

Synopsis of Report.

Stratigraphical Position.

Report.

TANJIL OIL CO. N/L., PT. ADDIS OIL WELLS CO. N/L., ~~TANJIL OIL NO. 2 CO.~~

JOINT BORE LONGFORD.

TANJIL POINT
ADDIS No. 1

Depth.	Bore.	Formation.
40 ft.		Clay
103 "		Limestone & clay bands
144 "		Marl
300 "		Lignite & lignous clay
304 "		Sand drift
480 "		Lignite & ligneous clay
485 "		Clay
511 "		Sand drift
521 "		Cemented sand
59 "		Clay
612 "		Hard cemented sand and gravel
626 "		Sand bands of clay
628 "		Firm cemented sand
37 "		Cement to harden.
639 "		Clay
661 "		Drift sand
		Hard cemented sand

TANJIL OIL CO. N/L., PT. ADDIS OIL WELLS N/L., TANJIL OIL NO. 2 CO. N/L.

Report for week ending 28th. Aug. 1931.

The bore has been advanced 95 ft. to 756 ft. in the following formations:-

- From 661 ft. to 673 ft. - Hard cemented sand.
- 676 " - Extremely hard cemented sand.

Glencoe south. LOT 1.

863/9

TANJIL OIL CO. N.L.; POINT ADDIS OIL WHEELS N.L.; TANJIL OIL
NO. 2 CO. N.L. TANJIL PT. ADDIS No. 1

Joint Bore, Longford, Gippsland.

Formation

Depth
ft.

48	Clay
103	Limestone and clay bands.
144	Marl
300	Lignite and ligneous clay
304	Sand drift
372	Lignite and ligneous clay
480	Clay
485	Sand drift
511	Cemented sand
521	Clay
592	Hard cemented sand and gravel
612	Sand. bands of clay
626	Firm cemented sand
628	Cement to harden
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639	Drift sand
661	Hard cemented sand
661-673	Hard cemented sand
673-676	Extremely hard cemented sand
676-745	Lignite, hard
745-756	Lignite, with bands of angular cement
756-760	Sand, medium to coarse
760-766	Seams of lignite, coarse cemented sand
766-768	Very sticky ligneous clay
768-777	Seams of putty and chocolate-colored clay
777-779	Lignite
779-784	Stiff putty-colored clay
784-792	Very sticky putty-colored clay
792-793	Lignite
793-798	Ligneous clay
798-800	Soft micaceous clay with thin seams of pyrites
809	Quartz sand
803-816	" "
32743(a) 852	Coarse sand and lignite
44 871	Grey clay
45 874	" "
46 876-878	" "
47 886	" "
47(a) 914	Sandy ligneous mud
48 926-930	Grey clay
49 932-941	Grey clay
32750 948-952	Grit
51 966-979	"
52 988	Loose coarse sand
53 991-994	" " "
54 994	" " "
55 1020	" " "
56 1035	Loose fine sand
57 1041	
58 1042	
32759 1051-1056	
33008 1074	
009 1083	
33016 1146	
33011 1153-1156	
12 1177-1181	
13 1204-1207	
14 1380-1390	
15 1410	
15 1480-1500	

G.S.M.
ne.

32743(a)
44
45
46
47
47(a)
48
49
32750
51
52
53
54
55
56
57
58

G.S.M.
Ref. No.

Frst.

33020

1566-1567

DEPTH	COLOUR	LITHOLOGY	DIAGENESIS & POROSITY	MINERALS	FOSSILS AND/OR COMMENTS	GRAIN SIZE	GRAIN SHAPE
<i>Commencing:-</i>							
-1074	overall gy. orange (104R)	v. gravelly sand	unconsol ^d	qs, Mg3, minor chert (often Fe-st ^d)		AGr. (v. Gr?)	v. minor rdg. in coarse qtz.
-1083	v. pale orange (104R) -lt. gy	sand, partially gravelly				AGr. (f.) (not common)	"
-1143		as above					
1153-1156		as above					
1177-1187	darken shade than above	v. sh. gravel / v. gravelly sd.		qs, sign. ppm Mg3.		AGr. (Gv)	"
1204-07	darken shade than above pink gy -v. lt. gy.	sand, minor gravel				AGr (C) (v. uncommon)	
1380-90	lt. gy.	claystone	Strzelecki Gp	tight & v. firm, sh. plastic			
1410	"	mudstone			also a pyr. nodule, weathering to lt. gy sulphate		
1480-500	A. v. lt. gy						
	B. lt. gy (E. lt. gy trape)	muddy (? kaol.) ssb	firm	qs. ? keldsp.	(M) AC →		? subang.
-1518	A.	cl. siltstone		" sh. hr			
	B. lt. gy-med. lt. gy	claystone					
Also have samples at		1556, -60, -66-67, -75, -91					

Same litho. unit
(Basal L.V.C.M.)



Barry Hocking

TABLE P.1. ADDIS-1

* Describe sedimentary structure on rear of page

PWB/KR

17th May, 1967.

Memorandum to: The Secretary for Mines

From: P.W. Bollen

Subject: The use of an old oil well for underground water production.

Mr. Pooley of Longford via Sale has asked the Department by telephone on 9th May, 1967, regarding the use of an old oil well for underground water production. He stated that he is the owner of the land on which the old oil well is located.

The well is the Tanjil-Point Addis No. 1 well which is now located on P.E.P.61 currently held by Woodside (Lakes Entrance) Oil Co. N.L.

Before commencing operations Mr. Pooley wishes to know his legal position with regard to this matter, as well as any details concerning cementing, etc. that may have been carried out at the time of abandonment.

It is regretted ^{that} I have not been able to find any details concerning this well apart from its elevation above sea level, the depth drilled, and the nature of the sediment in which the well was drilling at its Total Depth.

In discussion with the Director of the Petroleum and Natural Gas Branch it was agreed that, from a petroleum point of view, there is no objection to Mr. Pooley using this well.

With regard to Mr. Pooley's legal position we respectfully request your direction on this matter.


P.W. Bollen

15th May, 1967.

Memorandum to : Underground Water Section
From : P.W. Dollen
Subject : Use of an old oil well for underground water
 production.

This question arose from a phone call received by Mr. J.S. Hancock on 9th May, 1967, and passed to me for as much action as possible.

Mr. Peoleley of Longford via Sale (Phone Longford 229) phoned concerning an oil well drilled about 1936 on Allotment 1 of Section B, Parish of Glencoe South. He stated that he was the owner of the property on which the oil bore was drilled. As he can see 6" casing in the well, he is considering opening the bore and using it for water production.

Before commencing operation he wishes to know his legal position with regard to the bore as well as any details concerning cementing, etc. at the time of abandonment.

From an examination of various maps it is seen that only one oil well was drilled on Allot.1 Section B, Parish of Glencoe South, and this was Tanjil-Point Addis No. 1 Well. This well is located in P.S.P.61 currently held by Woodside (Lakes Entrance) Oil Co. N.L.

The location of this well is of considerable geological interest as it is located on the southern flank of the Baragwana Anticline. However, it is regrettable that the only record we have of the well is that given on the published geological map of the Parish of Glencoe. It is recorded on this map as the well is located on the boundary between the parishes of Glencoe and Glencoe South.

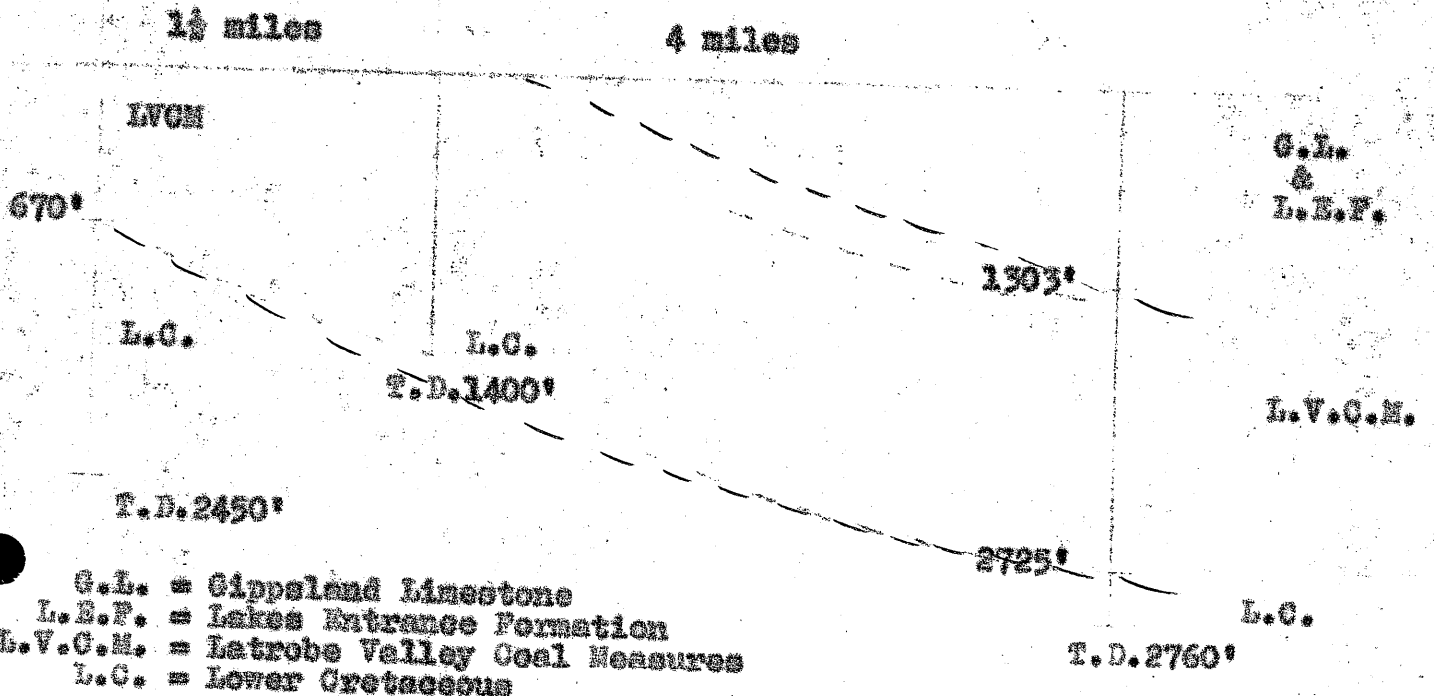
Thus we know that the elevation of the well is 255' and that it was drilled to a depth of 1400' at which depth it either entered "Jurassic" or was drilling in "Jurassic". (The term "Jurassic" was used until about 1952 from the age of Strzelecki Group sediment. Now the age is given as Lower Cretaceous).

In an effort to make an estimate of the stratigraphy of this well the logs of South Longford No. 1 well and Tanjil Point Addis No. 2 well were examined.

The following is a diagrammatic sketch -

NW
South Longford Tanjil Pt. Addis No. 1
No. 1

SE
Tanjil Pt. Addis 2



- G.L. = Gippsland Limestone
- L.E.F. = Lakes Entrance Formation
- L.V.C.M. = Latrobe Valley Coal Measures
- L.C. = Lower Cretaceous

From the section given above it is seen that the Tanjil Pt. Addis No. 1 well may have been entirely in Latrobe Valley Coal measures or may have had a little of the Gippsland Limestone and Lakes Entrance Formation. As we do not have the log of this well we do not know the situation.

From the petroleum point of view (in discussion with Mr. R.G. Whiting) there is no objection to Mr. Peoley using water from this bore.

The records do not give any information regarding the details of the well.

Regarding the legal aspect:-

In discussion with Mr. R.G. Whiting it was considered that this question should be referred to Mr. Condon for his view.

It is suggested that a memorandum be prepared and submitted to him.

P.F. Bollen
P.F. Bollen

BIOSTRATA PTY LTD
A.C.N. 053 800 945
A.B.N. 39 053 800 945

Principal Scientist:
Alan D. Partridge
School of Earth Sciences
La Trobe University
Bundoora VIC 3083

Postal Address:
302 Waiora Road
Macleod VIC 3085

Home Office Telephone/Fax: (03) 9457 3888
University Office: (03) 9479 1517
email address: AlanPartridge@access.net.au

19th September 2001

Our ref: GL21_55

Petroleum Development
National Resources & Development
7th Floor, 250 Victoria Parade
East Melbourne VIC 3002

Attention: Dee Ninis


Re: Final palynological report on samples from Tanjil Point Addis No.1 bore.

Enclosed is my palynological report on samples from the Tanjil Point Addis No.1 bore collected from your Werribee Core facility on Friday 13th July 2001. The report is titled:

"Palynological analysis of four core samples from the Strzelecki Group in Tanjil Point Addis No.1 bore, onshore Gippsland Basin."
by A.D. Partridge, Biostrata Report 2001/26 (17 September 2001).

Provision of the report fulfils my obligation to provide you results of this study under the DNR&E Core Library Standard Access Contract dated 10th July 2001.

Yours sincerely



Alan D. Partridge
cc. Jack Mulready — Lakes Oil N.L.

ACKNOWLEDGEMENT

Please acknowledge receipt of item specified above by signing and returning a copy of this letter to:

Biostrata Pty Ltd
302 Waiora Road
Macleod VIC 3085

Material received in good order and condition by:

Date:.....



LAKES OIL N.L.

(A.C.N. 004 247 214)

Registered Office:
Level 11,
500 Collins Street,
Melbourne Vic. 3000

P.O. Box 300, Collins Street West,
Melbourne Vic. 8007
Telephone: (03) 9629 1566
Facsimile: (03) 9629 1624

20.7.01.

Dee

Please file
in Tanjil Point Addis-1
well.

Thanks

Kourosh

20-7-01

Kourosh Melin

DNPE

Fax 9412 5156

Kourosh,

We recently did some sampling on the basal section @ Tanjil Pt. Addis No1 to confirm the presence of Stuzelecki Fur in the bottom of that hole.

Following is a provisional report from Alan Partridge which confirms this.

Regards,

Jack Mulheady.

FACSIMILIE

BIOSTRATA PTY LTD

A.B.N. 39 063 800 945

Principal Scientist:
Alan D. Partridge
School of Earth Sciences
La Trobe University
Bundoora VIC 3083

Postal Address:
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University Office: (03) 9479 1517
Home Phone/Fax: (03) 9457 3888
email address: AlanPartridge@access.net.au

19th July 2001

Our ref: PR21/06

Attention: Jack Mulready
Lakes Oil N.L.
500 Collins Street
Melbourne VIC 3000
Fax No: 03 9629 1624

Page 1 of 1

Tanjil Point Addis No.1 bore — Provisional Report No. 1

This report provides initial palynological results on four samples collected on 13th July and forwarded to Laola Pty Ltd in Perth on Monday 16th July for urgent palynological preparation. The prepared palynological slides were returned on 19th July and analysed to provide the following zone and age determinations:

Sample Type	Depth (feet)	Depth (metres)	Spore-Pollen Zone STAGE/AGE	Comments and Key Species Present
Core?	1380-90	420.6-23.7	<i>C. paradoxa</i> Zone ALBIAN	Confident zone assignment based on frequent occurrence of <i>Coptospora paradoxa</i>
Core	1518	462.7	Early Cretaceous but zone indeterminate	Greenish-grey siltstone gave very poor assemblage lacking zone index species.
Core	1556	477.3	<i>C. striatus</i> Zone or younger — ALBIAN	Presence of <i>Crybelosporites striatus</i> and megaspores <i>Arcellites reticulatus</i> and <i>Balmeisporites holodictyus</i> confirm Albian age, although index species for younger <i>C. paradoxa</i> Zone were not recorded.
Core	1566-67	477.3-7.6	<i>C. paradoxa</i> Zone ALBIAN	Assigned to zone on presence of secondary index <i>Perotriletes majus</i> .

Discussion: Three of the four samples gave good yields with moderate to high concentrations of Early Cretaceous spores and pollen that can be confidently assigned to the Strzelecki Group. The entire interval is considered to belong to the Albian *Coptospora paradoxa* Zone even though key zone index species were not recovered from the middle two samples.

Alan Partridge
Prepared by Alan D. Partridge