

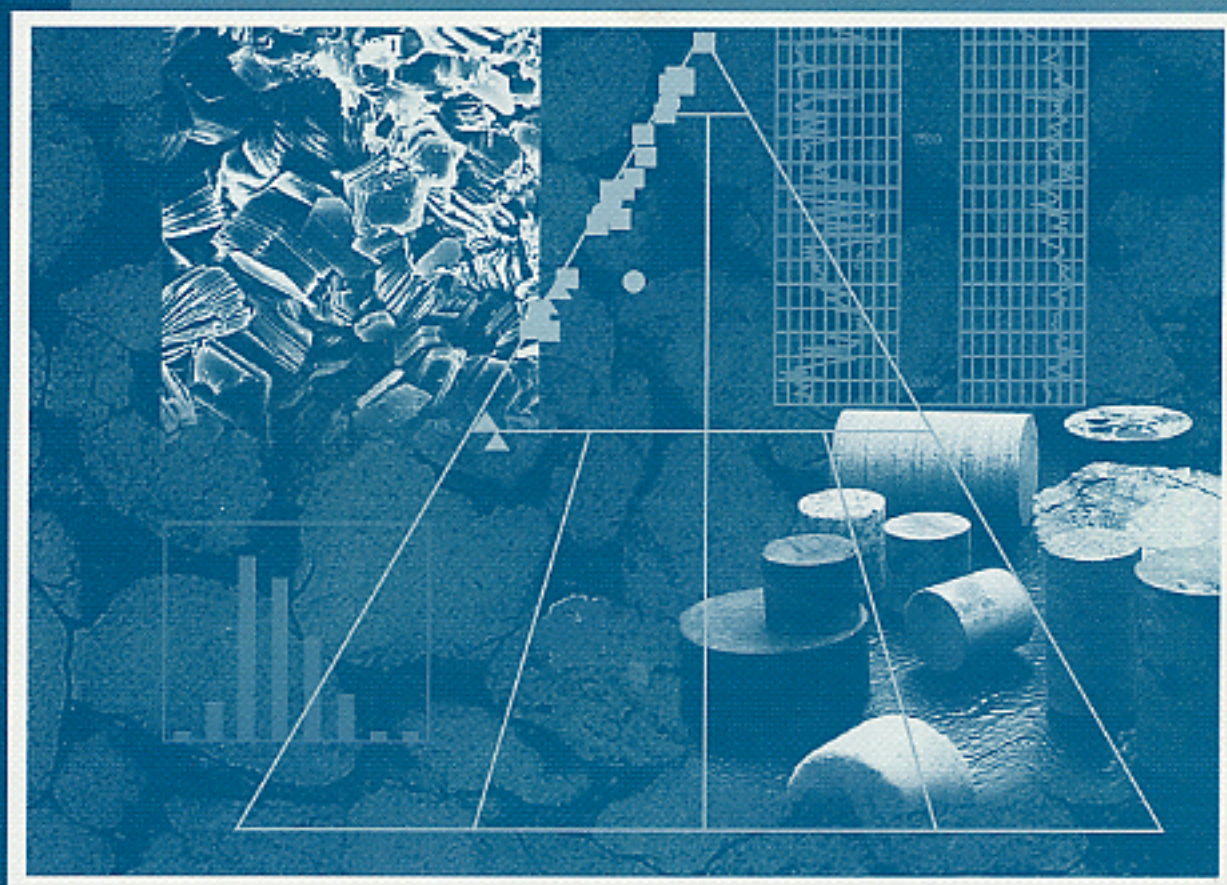
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1996/11**



PERMO-CARBONIFEROUS PETROLEUM RESERVOIR DATA, SELECTED WELLS, CANNING BASIN, WESTERN AUSTRALIA

Edition 1

by P. J. Havord, S. N. Apak, and G. M. Carlsen



**GEOLOGICAL SURVEY OF WESTERN AUSTRALIA
DEPARTMENT OF MINERALS AND ENERGY**



GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

Record 1996/11

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Perth 1997

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The Hon. Norman Moore, MLC

ACTING DIRECTOR GENERAL
L. C. Ranford

DIRECTOR, GEOLOGICAL SURVEY OF WESTERN AUSTRALIA
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Permo-Carboniferous petroleum reservoir data, selected wells, Canning Basin, Western Australia

by

P. J. Havord, S. N. Apak, G. M. Carlsen

Abstract

Reservoir data has been summarized, tabulated and reviewed for the Permo-Carboniferous interval in 91 wells drilled in the Canning Basin. Though representing less than half of the total number of wells that intersect the Permo-Carboniferous, they provide widespread coverage of the basin and include all exploration wells with Permo-Carboniferous hydrocarbon shows. These shows have been recorded in most structural subdivisions of the basin and in all major stratigraphic units except the Liveringa Formation. However, commercial oil production from the Permo-Carboniferous section is currently limited to the Grant Group and Anderson and Yellow Drum Formations on the Lennard Shelf in the northern part of the basin.

A review of the well data in this report indicates that, with the exception of the Laurel Formation, reservoir quality generally decreases with increasing depth and age. In particular, excellent sandstone reservoir quality is common down to and including the Grant Group level (>20% porosity and >100 millidarcy (md) permeability). In contrast, carbonate reservoir quality is generally poor within most stratigraphic levels and depths, with the notable exception of the Yellow Drum Formation in Blina 1 where dolomitization processes and solution porosity provide commercial oil reservoir quality.

KEYWORDS: Petroleum, reservoir, porosity, permeability, Permo-Carboniferous, Canning Basin.

Introduction

As part of the Petroleum Exploration Initiatives Program being carried out by the Geological Survey of Western Australia (GSWA), reservoir data have been compiled in hard copy and digital tables for the Permo-Carboniferous interval in 91 petroleum and stratigraphic wells located throughout the Canning Basin (Fig. 1). All data tables, except petrology and log analysis, have

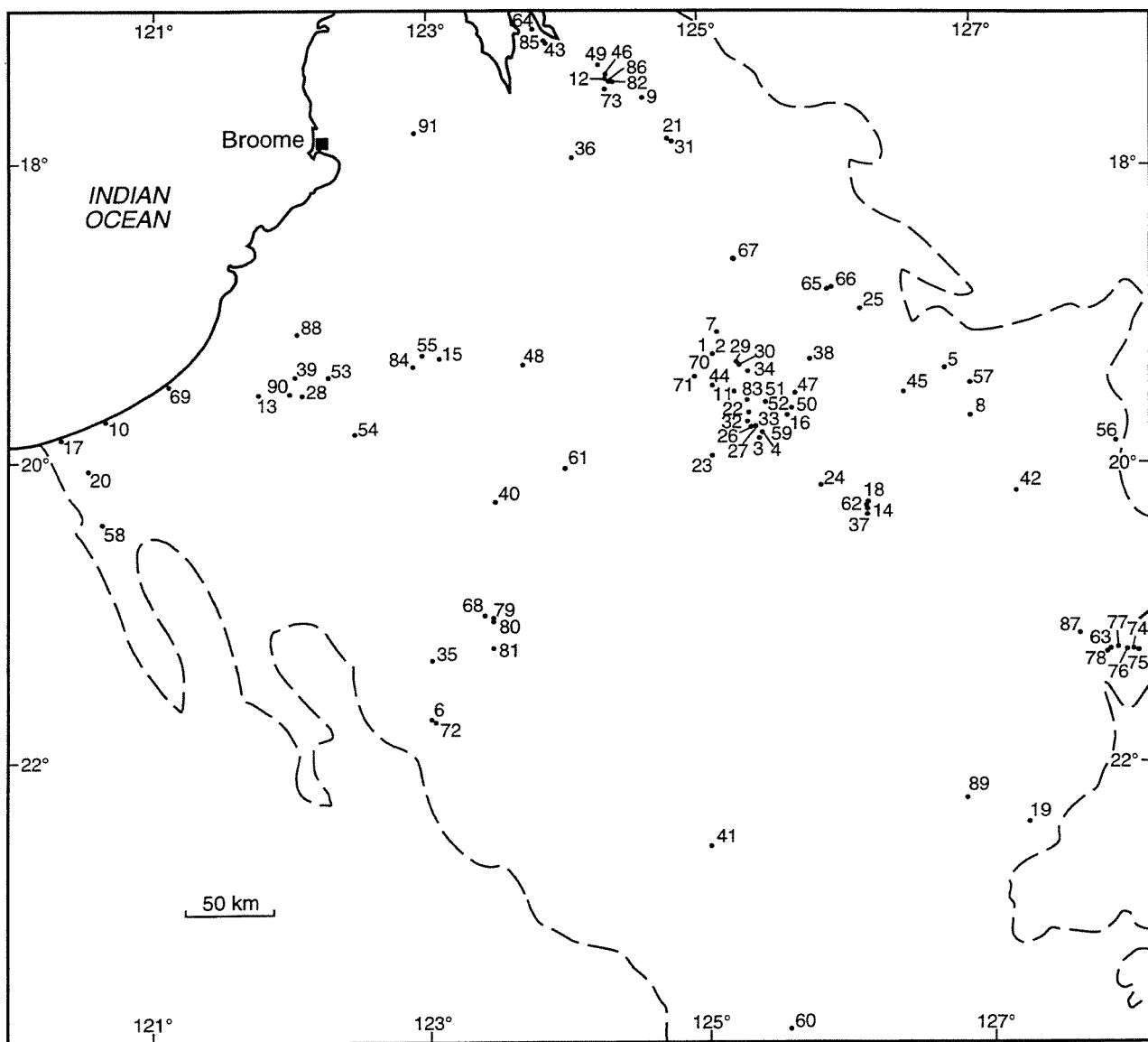
been derived from the new Western Australia Petroleum Exploration Index (WAPEX) relational database being developed by the GSWA. The WAPEX data in this publication were originally sourced from open-file well completion reports.

The ten data tables are supplied in both hard copy, and digital format as comma delimited ASCII files comprising ten Excel worksheets linked within a single Excel workbook. Due to constraints of page size the hard copy tables are a reduced form of the digital data and contain the key fields. The digital format enables easy sorting, filtering and analysis of data. The diskette containing the digital tables is located in the pocket on the inside back cover of this publication. These tables comprise:

- General well data (Appendix 1)
- Well completion report formation tops (Appendix 2)
- Wireline log depths (Appendix 3)
- Sidewall core data (Appendix 4)
- Conventional core depths (Appendix 5)
- Core analysis data (Appendix 6)
- Wireline log porosity data (Appendix 7)
- Petrology data (Appendix 8)
- Well test data (Appendix 9)
- Petroleum show data (Appendix 10)

In addition, all available core porosity and core permeability data have been cross-plotted (Figs 3 to 16). Reservoir data are divided and discussed by major stratigraphic unit (Fig. 2) from oldest to youngest and have been compiled according to the stratigraphic nomenclature used in each well completion report.

This publication is the first in a series which will contain regularly updated reservoir data for major chronostratigraphic intervals in the Canning Basin. Future editions of this Record will be expanded to incorporate reservoir information from other existing petroleum wells, future petroleum wells, and from information sources other than well completion reports.



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- | | | | |
|-------------------------|--------------------|----------------------|----------------------|
| 1 Acacia 1 | 24 Crossland 3 | 47 Mangaloo 1 | 70 Santalum 1 |
| 2 Acacia 2 | 25 Cycas 1 | 48 McLarty 1 | 71 Santalum 1A |
| 3 Aristida 1 | 26 Dampiera 1 | 49 Meda 1 | 72 South Auld 1 |
| 4 Aristida 2 | 27 Dampiera 1A | 50 Melaleuca 1 | 73 Sundown 1 |
| 5 Atrax 1 | 28 Dariwell 1 | 51 Mirbelia 1 | 74 Stansmore Range 1 |
| 6 Auld 1 | 29 Dodonea 1 | 52 Mirbelia 2 | 75 Stansmore Range 2 |
| 7 Barbwire 1 | 30 Dodonea 2 | 53 Munda 1 | 76 Stansmore Range 3 |
| 8 Bindi 1 | 31 Ellendale 1 | 54 Munro 1 | 77 Stansmore Range 4 |
| 9 Blina 1 | 32 Eremophila 3 | 55 Musca 1 | 78 Stansmore Range 5 |
| 10 BMR 4A | 33 Ficus 1 | 56 Ngalti 1 | 79 Tandalgoo 1 |
| 11 Boab 1 | 34 Frankenia 1 | 57 Olios 1 | 80 Tandalgoo 2 |
| 12 Boundary 1 | 35 Frankenstein 1 | 58 Pandanus 1 | 81 Tandalgoo 3 |
| 13 Calamia 1 | 36 Grant Range 1 | 59 Pandorea 1 | 82 Terrace 1 |
| 14 Calytrix 1 | 37 Hoya 1 | 60 Patience 1 | 83 Triodia 1 |
| 15 Carina 1 | 38 Jones Range 1 | 61 Pegasus 1 | 84 Vela 1 |
| 16 Cassia 1 | 39 Juno 1 | 62 Percival 1 | 85 West Kora 1 |
| 17 Chirup 1 | 40 Kemp Field 1 | 63 Point Moody 1 | 86 West Terrace 1 |
| 18 Clianthus 1 | 41 Kidson 1 | 64 Point Torment 1 | 87 White Hills 1 |
| 19 Contention Heights 1 | 42 Kilang Kilang 1 | 65 Poole Range 3 | 88 Willara 1 |
| 20 Corbett 1 | 43 Kora 1 | 66 Poole Range 5 | 89 Wilson Cliffs 1 |
| 21 Crimson Lake 1 | 44 Kunzea 1 | 67 St George Range 1 | 90 Woods Hills 1 |
| 22 Crossland 1 | 45 Lake Betty 1 | 68 Sahara 1 | 91 Yulleroo |
| 23 Crossland 2 | 46 Lloyd 1 | 69 Sapphire Marsh 1 | |

Figure 1. Well location map

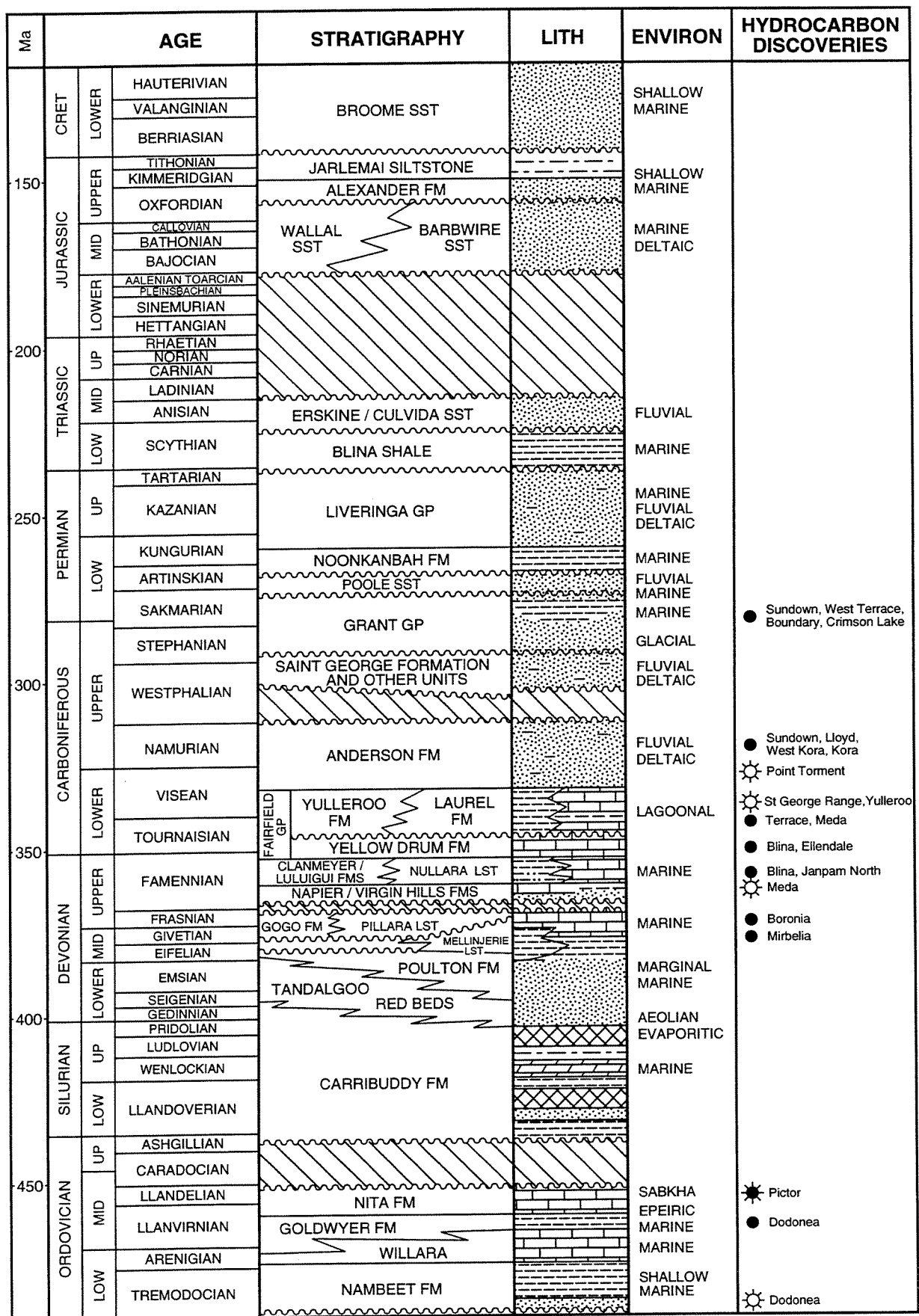


Figure 2. Generalized stratigraphy of the onshore Canning Basin

Please direct all enquiries or comments to:

Petroleum Data Manager

Geological Survey of Western Australia

100 Plain Street, East Perth, WA. 6004

Phone: (08) 9222 3333 Fax: (08) 9222 3633

Email: geological_survey@dme.wa.gov.au

Data sources

No new data analyses or reinterpretation have been undertaken for this review. Only open-file analyses and interpretations made by operating companies are cited. These data have been sourced from completion reports for 91 petroleum exploration and stratigraphic wells located throughout the Canning Basin.

The general descriptions of lithology, palaeogeography and distribution of each stratigraphic unit are sourced principally from Geological Survey of Western Australia (1990), Brown et al. (1984), Cadman et al. (1993), and Kennard et al. (1994).

Reservoir data

All available core porosity and core permeability data for the entire Permo-Carboniferous interval have been cross-plotted and are shown in Figures 3–5.

Fairfield Group

Definition

The Upper Devonian to Upper Carboniferous Fairfield Group consists of shallow marine clastics and carbonates deposited over parts of the Lennard Shelf and Jurgurra and Barbwire Terraces (Cadman et al., 1993).

Several different definitions and subdivisions of the stratigraphic nomenclature for the Fairfield Group have been applied by different operating companies in the well completion reports

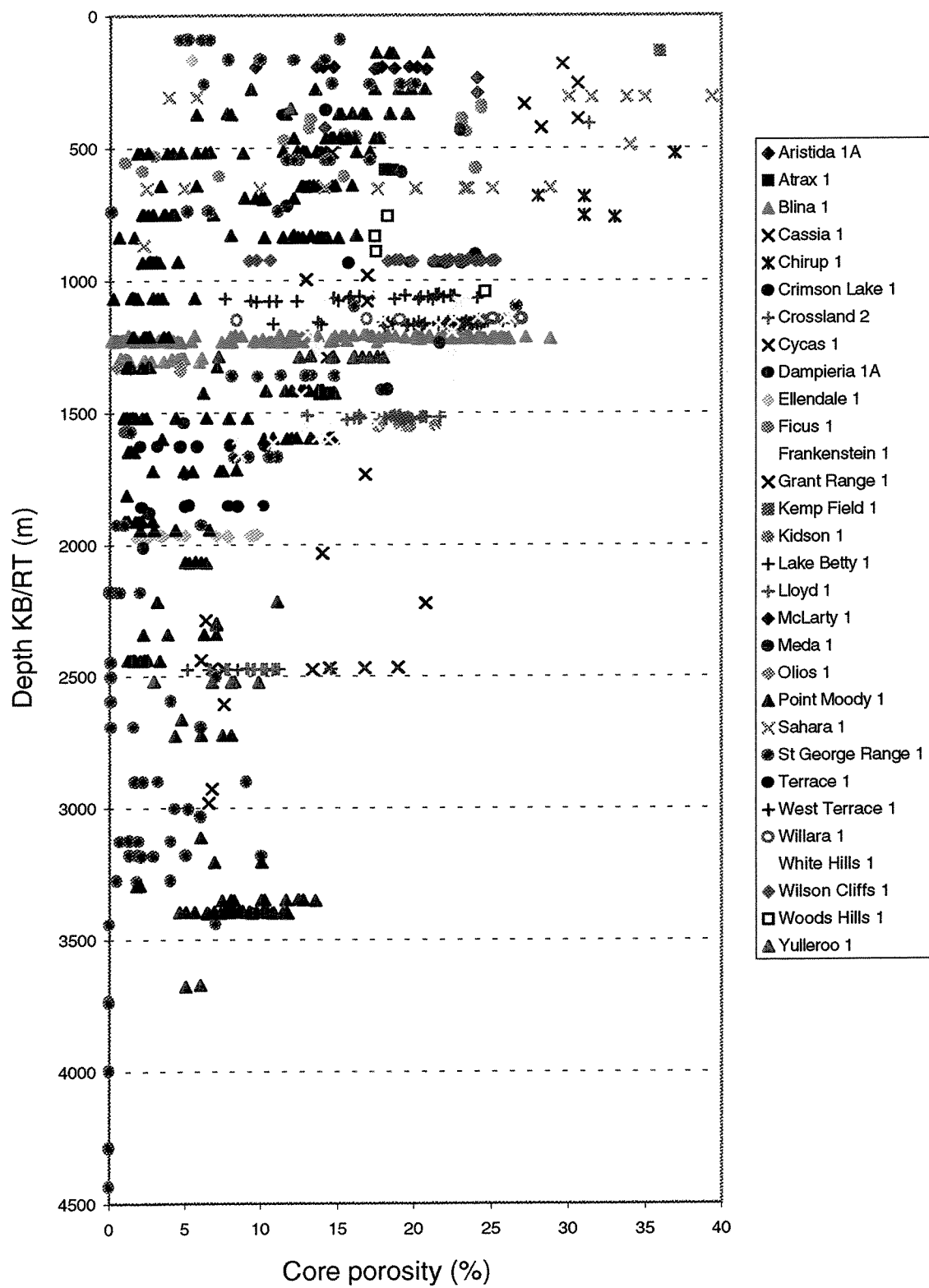


Figure 3. Relationship between porosity and depth for the Permo-Carboniferous section

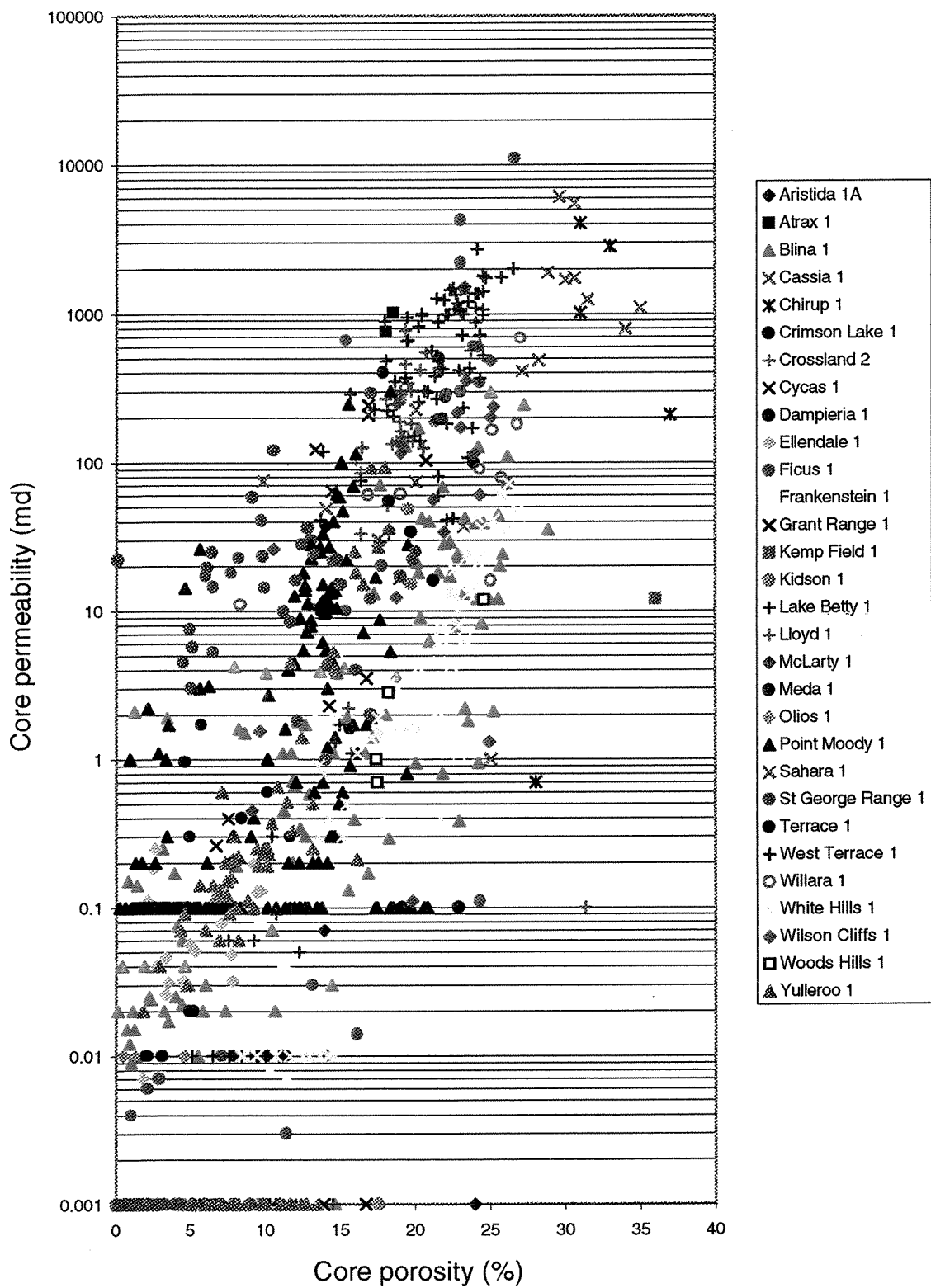


Figure 4. Relationship between porosity and permeability for the Permo-Carboniferous section

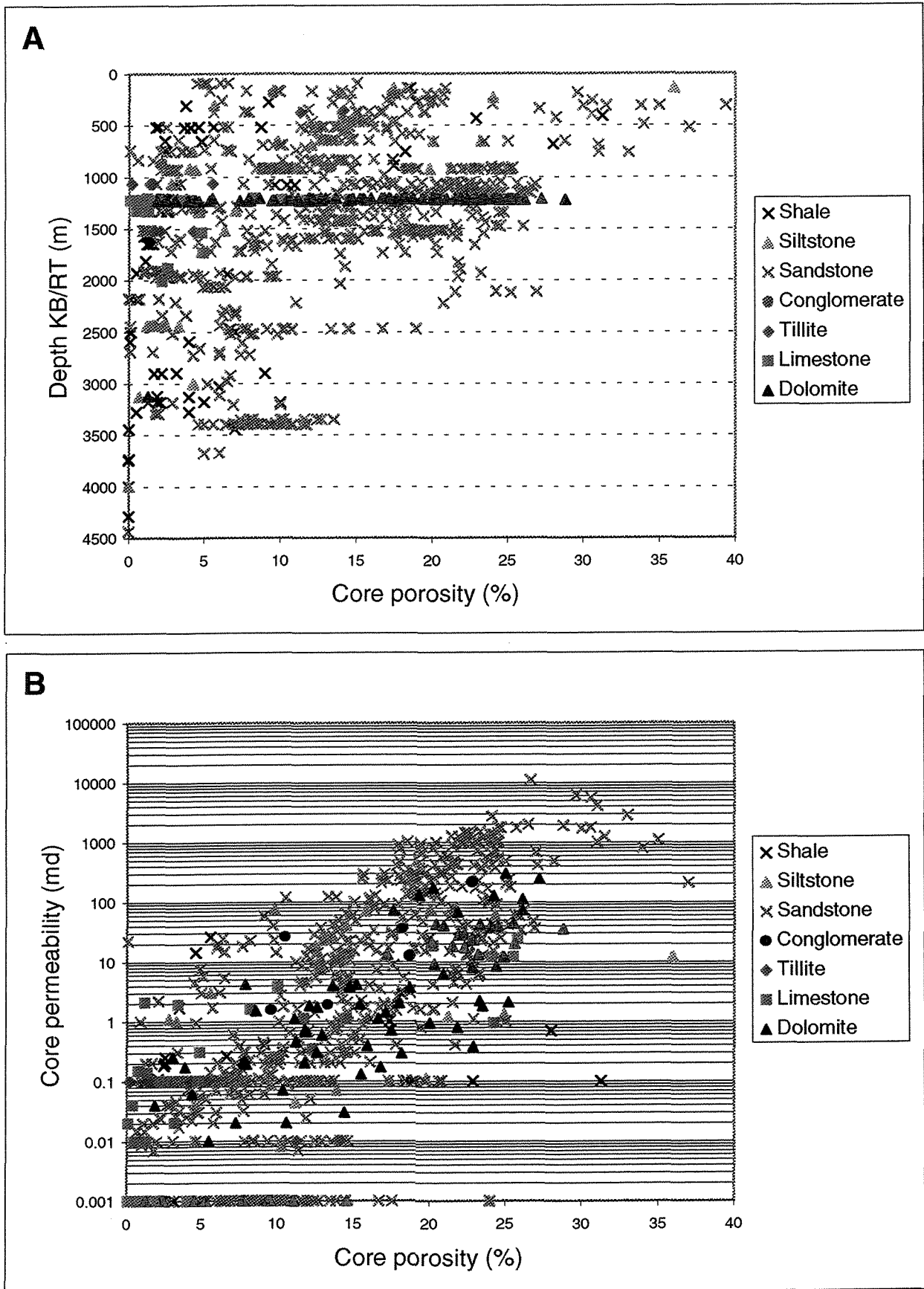


Figure 5. Relationships between porosity and depth (A), and porosity and permeability (B), for Permo-Carboniferous primary lithotypes

under review. Though the Fairfield Group is defined by Cadman et al. (1993) to comprise the Yellow Drum Formation, Laurel Formation and Anderson Formation, some of these formations have been excluded from the definition used in some well completion reports. For example, the Anderson Formation is excluded from the Fairfield Group by Mobil Oil (Australia) Ltd (Mobil) in its well completion report for White Hills 1 and also by Kennard et al. (1994). In other definitions of the Fairfield Group, other units have been incorporated such as the Gumhole Formation of Moors (1984). A further complication has been created by the recognition of a separate Fairfield Formation in some wells by some operators.

In this report the Fairfield Formation, Yellow Drum Formation and Laurel Formation are considered part of the Fairfield Group but the Anderson Formation has been excluded.

Undifferentiated Fairfield Group

Definition

The Upper Devonian to Upper Carboniferous Fairfield Formation is a stratigraphic term appearing in some older well completion reports. In this publication the Fairfield Formation is incorporated into the undifferentiated Fairfield Group (Appendix 2).

Core analysis

Conventional cores have been cut in the undifferentiated Fairfield Group in Cassia 1, Dampiera 1A, Ellendale 1, Ficus 1, and Ngalti 1 (Appendix 5). Core analysis has been conducted on samples from Cassia 1, Dampiera 1A, and Ficus 1 as well as on sidewall cores from the undifferentiated Fairfield Group in White Hills 1 (Appendix 6; Fig 6). In Cassia 1 porosities range up to 30% and permeabilities up to 2230 md, while in Ficus 1 core porosities range from 1 to 24% with generally very low core permeabilities.

In White Hills 1, sandstone sidewall core samples have porosities ranging from 8 to 27% and permeabilities from less than 0.1 to 72 md (Appendix 6). However, caution should be exercised in using these values as core analysis measurements on percussion sidewall cores are often unreliable.

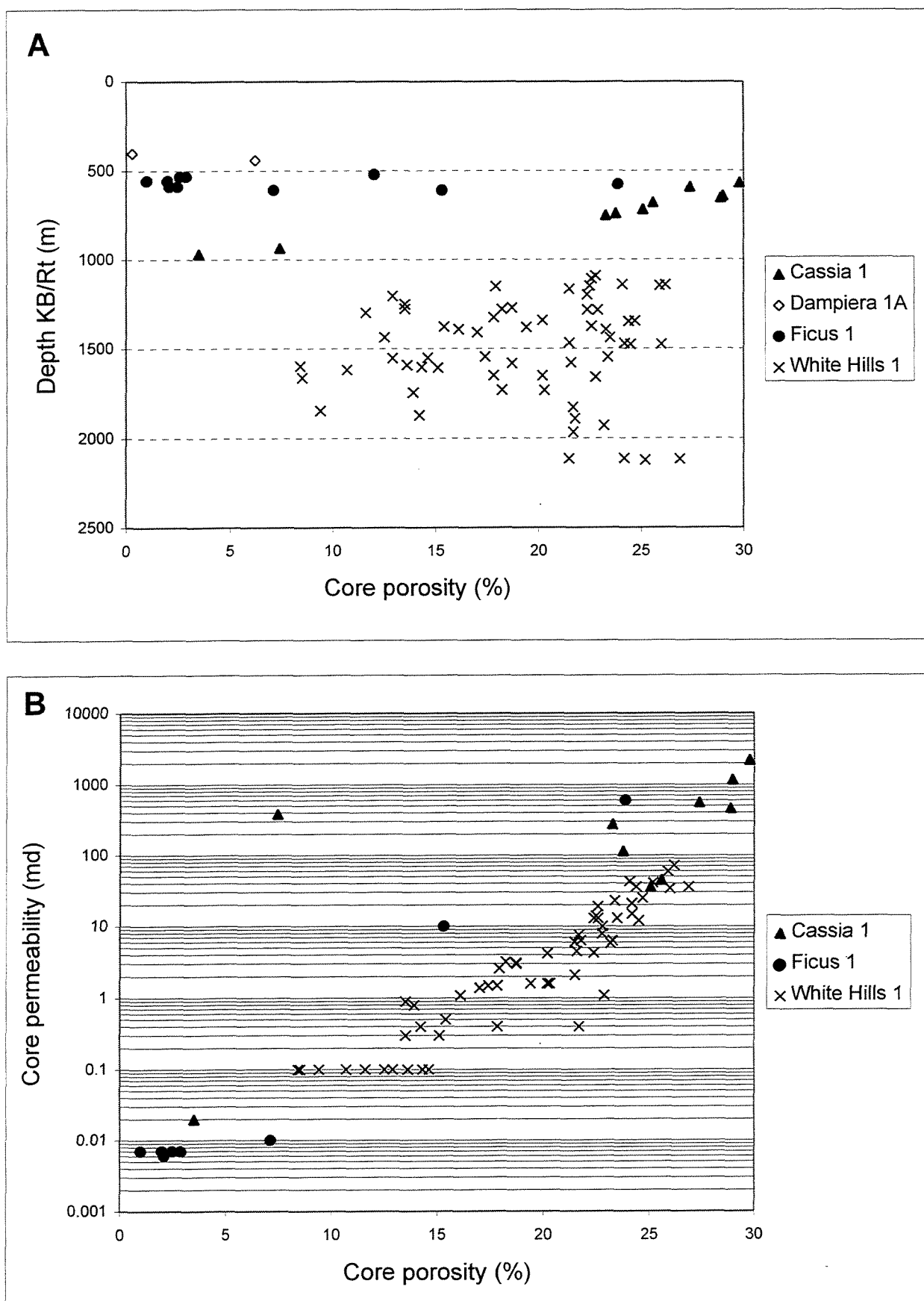


Figure 6. Relationships between porosity and depth (A), and porosity and permeability (B), for the undifferentiated Fairfield Group

Log analysis

Log-derived porosities for the undifferentiated Fairfield Group average 16.5% in net sandstone and carbonate intervals in White Hills 1 and 8% in sandstone and dolostone units in the Upper Fairfield Group in Mangaloo 1 (Appendix 7).

Petrology

X-ray diffraction (XRD) has been performed on two samples from the undifferentiated Fairfield Group in Mangaloo 1 (Appendix 8).

Well tests

The Fairfield Group has been drill stem tested in Ellendale 1 and White Hills 1 (Appendix 9).

Petroleum occurrences

In White Hills 1 trace to excellent shows in the form of fluorescence, cut, staining and minor gas shows were variously observed throughout the entire undifferentiated Fairfield Group interval (1090–2125 m). In Ellendale 1 small amounts of oil and gas were recovered from a clastic interval in drill stem test (DST) no. 2 (Appendix 10).

Yellow Drum Formation

Definition

The Upper Devonian to Lower Carboniferous Yellow Drum Formation forms the basal unit of the Fairfield Group (Cadman et al., 1993). It consists of very shallow water lime mudstones, evaporites and sharpstone breccias with the limestones having been extensively dolomitized (Moors et al., 1984).

Distribution of the Yellow Drum Formation is restricted to the Lennard and Billiluna Shelf areas of the northern Canning Basin where it has been encountered in Blina 1, Lloyd 1, Olios 1,

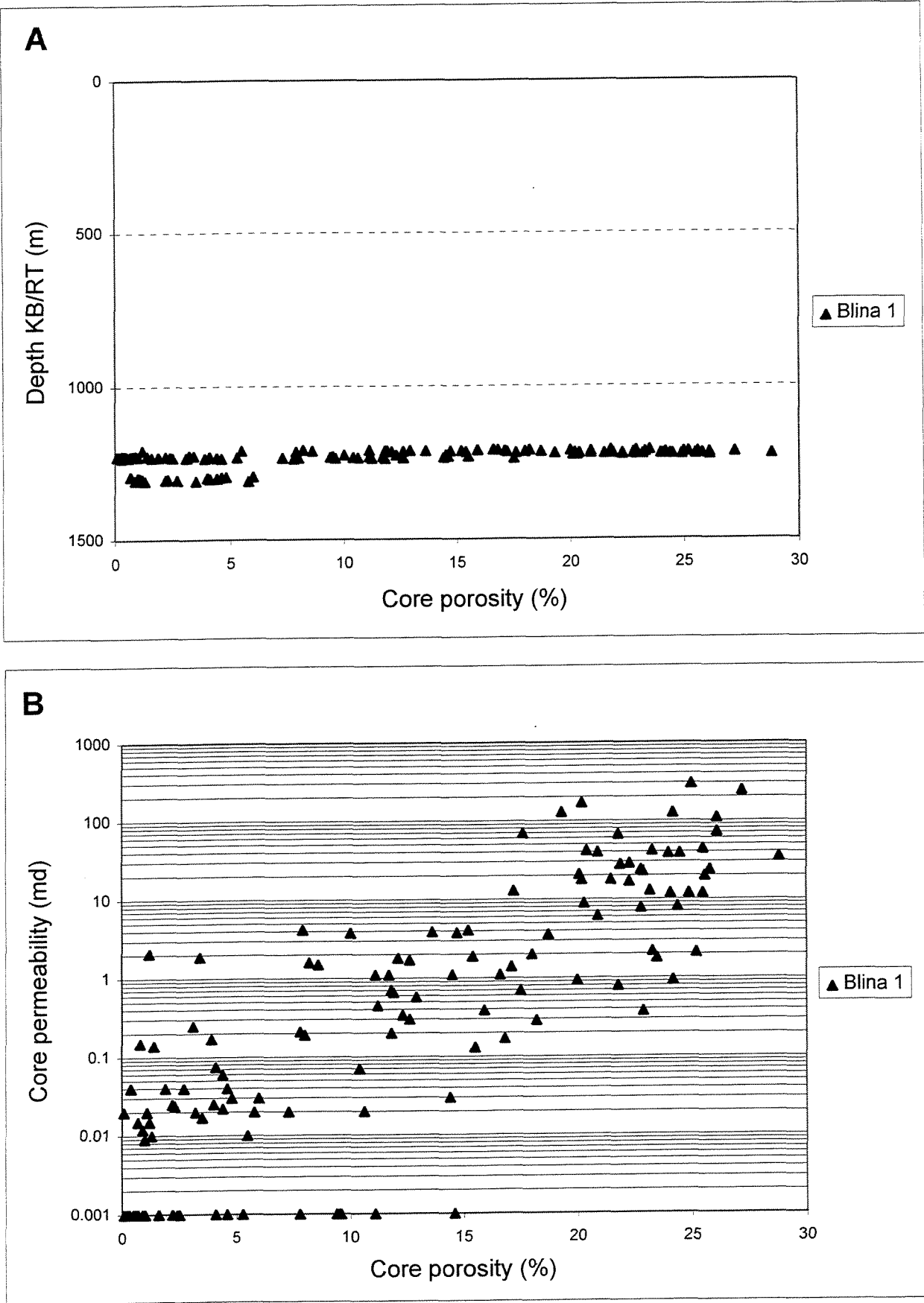


Figure 7. Relationships between porosity and depth (A), and porosity and permeability (B), for the Yellow Drum Formation

and Terrace 1. The maximum penetrated thickness, of nearly 200 m, occurs in Blina 1 (Appendix 2).

Core analysis

Three conventional cores of the Yellow Drum Formation were cut in the oil-bearing carbonate interval in Blina 1 (Appendix 5). Extensive core analysis was performed on samples from all three cores where porosities were found to range from less than 1 to 29% and permeabilities from less than 0.01 to 297 md (Appendix 6; Fig. 7).

Log analysis

Log-derived carbonate porosities for the Yellow Drum Formation in Blina 1 range up to 29% (Appendix 7).

Petrology

The two types of porosity in the Yellow Drum Formation carbonates, identified by Moors et al. (1984), are a pervasive intergranular porosity associated with dolomitization of sediments and a discontinuous vuggy porosity caused by leaching of large skeletal fragments.

Well tests

Two drill stem tests were performed on the Yellow Drum Formation in Blina 1 (Appendix 9).

Petroleum occurrences

For the wells under review, the only petroleum occurrences recorded in the Yellow Drum Formation were in Blina 1 which was the first commercial oil discovery in the Canning Basin*. In DST no. 2 in Blina 1, oil flowed to the surface at the rate of 6 kL/day (Appendix 10).

* Oil was also found in the underlying Devonian Nullar Limestone in Blina 1 and in the Yellow Drum Formation in several development wells subsequently drilled on the Blina Field

Laurel Formation

Definition

The Lower Carboniferous Laurel Formation forms the middle unit of the Fairfield Group (Cadman et al., 1993). It consists of shallow marine clastics and carbonates and extends along the contiguous Fitzroy Trough and Gregory Sub-Basin regions of the northern and northeastern Canning Basin where it has been intersected by several exploration wells (Appendix 2).

Core analysis

Conventional cores have been cut in the Laurel Formation in Blina 1, Crimson Lake 1, Ellendale 1, Lake Betty 1, Meda 1, Olios 1, St George Range 1, and Terrace 1 (Appendix 5).

Core analysis has been conducted on clastic and carbonate samples from these wells except Blina 1 (Appendix 6). Core porosities range from less than 1% to almost 15% while all core permeability values are less than 2 md.

Core porosities for these wells show an anomalous increasing trend with depth and poor correlation with corresponding core permeabilities (Fig. 8).

Log analysis

Log-derived porosities for the Laurel Formation are generally less than 10% but range up to approximately 14% in carbonate units in West Kora 1 and up to 22% in clastic units in Olios 1 (Appendix 7).

Petrology

Petrological information for the Laurel Formation, including thin section descriptions, are available for Crimson Lake 1, Olios 1, St George Range 1, and West Kora 1 (Appendix 8).

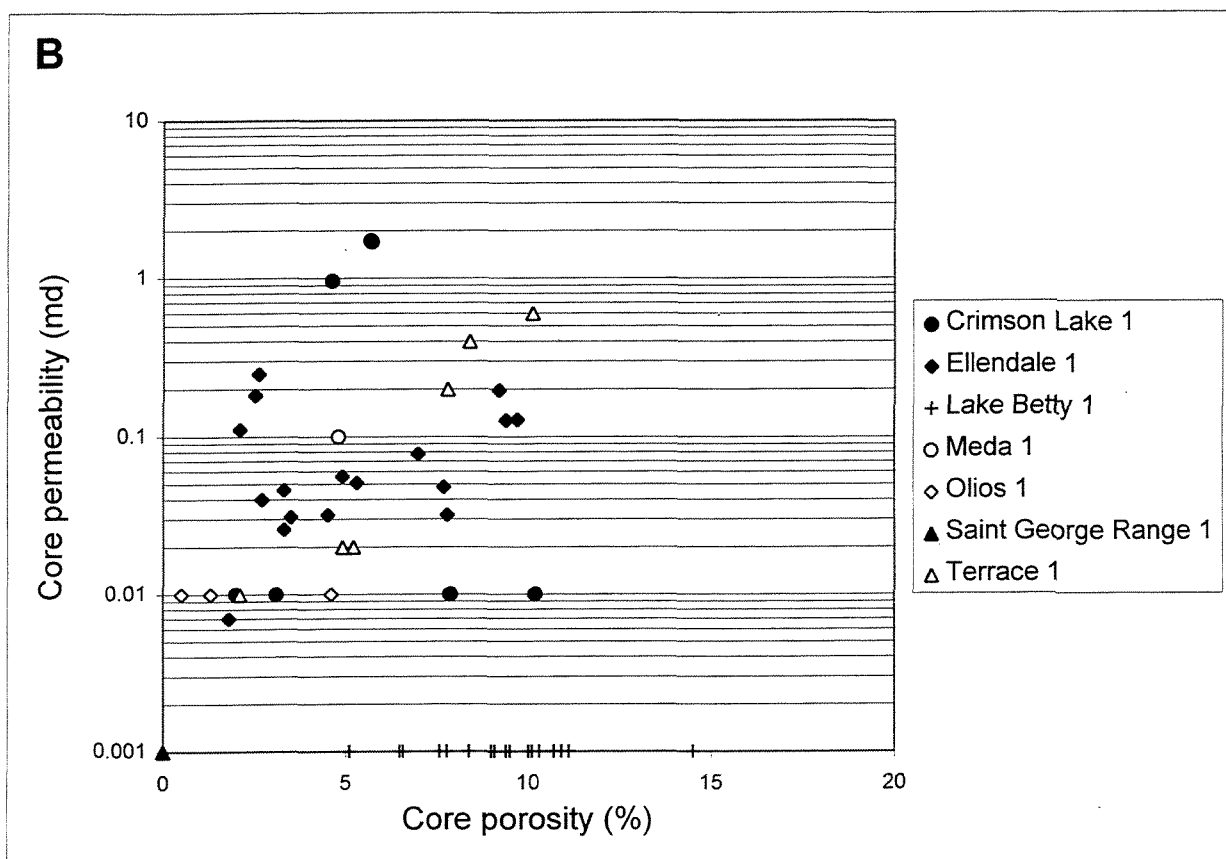
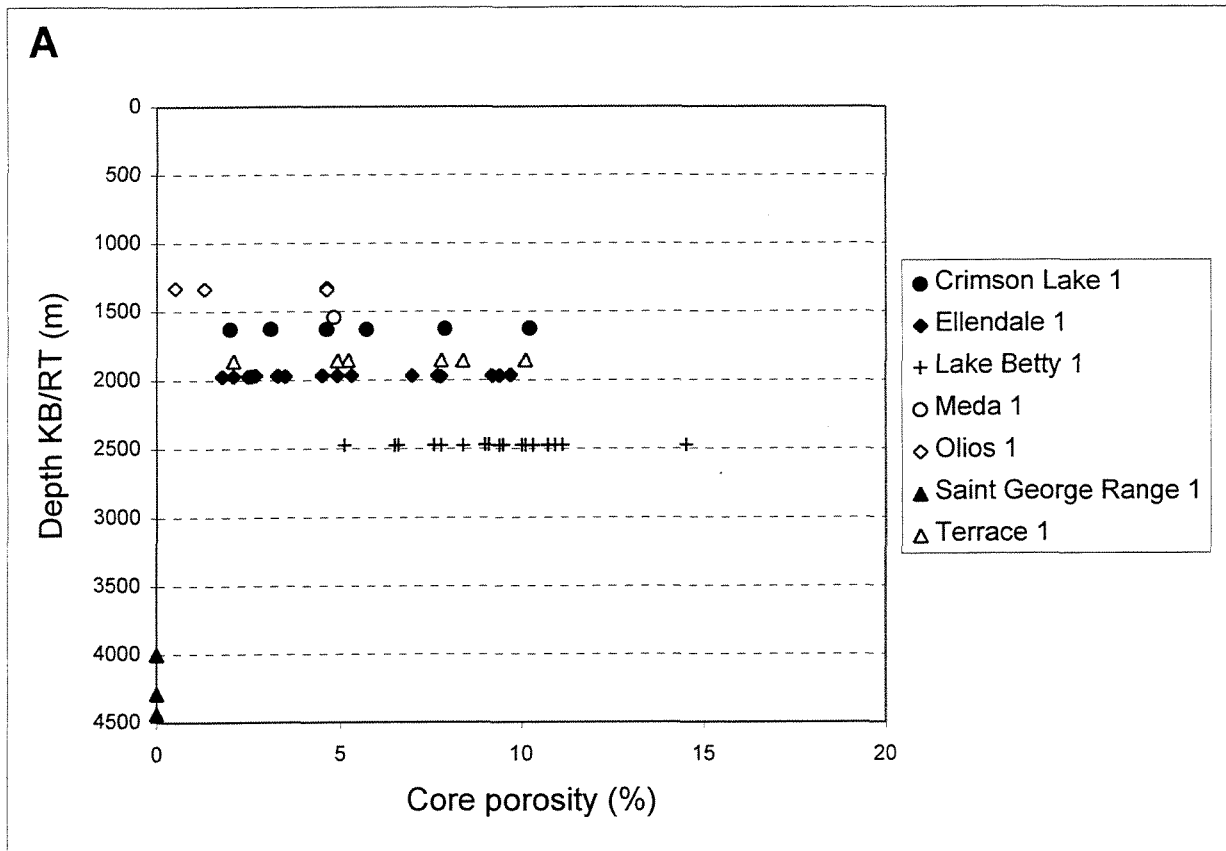


Figure 8. Relationships between porosity and depth (A), and porosity and permeability (B), for the undifferentiated Laurel Formation

Well tests

The Laurel Formation has been drill stem tested in Crimson Lake 1, Ellendale 1, Lake Betty 1, Meda 1, Olios 1, St George Range 1, and Terrace 1 (Appendix 9).

Petroleum occurrences

For the wells under review, petroleum occurrences in the Laurel Formation (Appendix 10) may be summarized as follows:

- 300 litres of oil recovery from DST no. 3* of the Lower Laurel Limestone in Terrace 1
- 20 litres of oil recovery from DST no. 9B from carbonates in Meda 1
- a stabilized gas flow of 2888 m³/day in DST no. 1A from interbedded clastics and carbonates in St George Range 1
- minor oil and gas shows in Ellendale 1
- trace oil recovery and fluorescence in clastic and carbonate units in Crimson Lake 1
- minor gas shows and fluorescence in Kora 1
- moderate white cut at top of core no. 1 in Lake Betty 1
- minor gas shows and fluorescence in Lloyd 1
- minor hydrocarbon shows in Olios 1
- minor gas shows and fluorescence in the Upper Laurel Member in Sundown 1

Anderson Formation

Definition

The Lower to Middle Carboniferous, fluvial-deltaic-marginal marine Anderson Formation forms the uppermost unit of the Fairfield Group (Cadman et al., 1993). It consists predominantly of clastics and local minor carbonates, and extends along the contiguous Fitzroy Trough and Gregory Sub-Basin regions of the northern and northeastern Canning Basin where it has been intersected by numerous exploration wells. The maximum penetrated thickness of this unit exceeds 800 m (Appendix 2).

* The interval of DST no. 3 in Terrace 1 included the top three metres of the Yellow Drum Formation.

Core analysis

Conventional cores have been cut in the Anderson Formation in Cypas 1, Lloyd 1, Meda 1, Point Moody 1, and St George Range 1 (Appendix 5).

Core analysis has been conducted on samples from all five wells as well as sidewall cores from White Hills 1 (Appendix 6; Fig. 9). Core porosities and core permeability values are very low in Point Moody 1 and St George Range 1; low to moderate in Cypas 1; and generally high in Meda 1 and Lloyd 1 where values of up to 21% and 772 md respectively have been recorded.

Sidewall core porosities in White Hills 1 range from 14 to 27% and sidewall core permeabilities range from less than 0.1 to 61 md. However, caution should be exercised in using these values as core analysis measurements on percussion sidewall cores are often unreliable.

Log analysis

Log-derived porosities for the Anderson Formation are quite variable but range up to approximately 20% in Bindi 1, Boundary 1, Crimson Lake 1, Cypas 1, Kilang Kilang 1, Lloyd 1, Terrace 1, West Kora, and White Hills 1. Log porosities are somewhat lower in Ellendale 1, Jones Range 1, and Kora 1 (Appendix 7).

Petrology

Petrology data for the Anderson Formation are limited to Crimson Lake 1, Cypas 1, St George Range 1, and West Kora 1 (Appendix 8).

Well tests

The Anderson Formation has been drill stem tested in Bindi 1, Boundary 1, Cypas 1, Kora 1, Lloyd 1, West Kora 1, and White Hills 1. Other types of well tests have been conducted in Crimson Lake 1, Lloyd 1, Sundown 1, and West Kora 1 (Appendix 9).

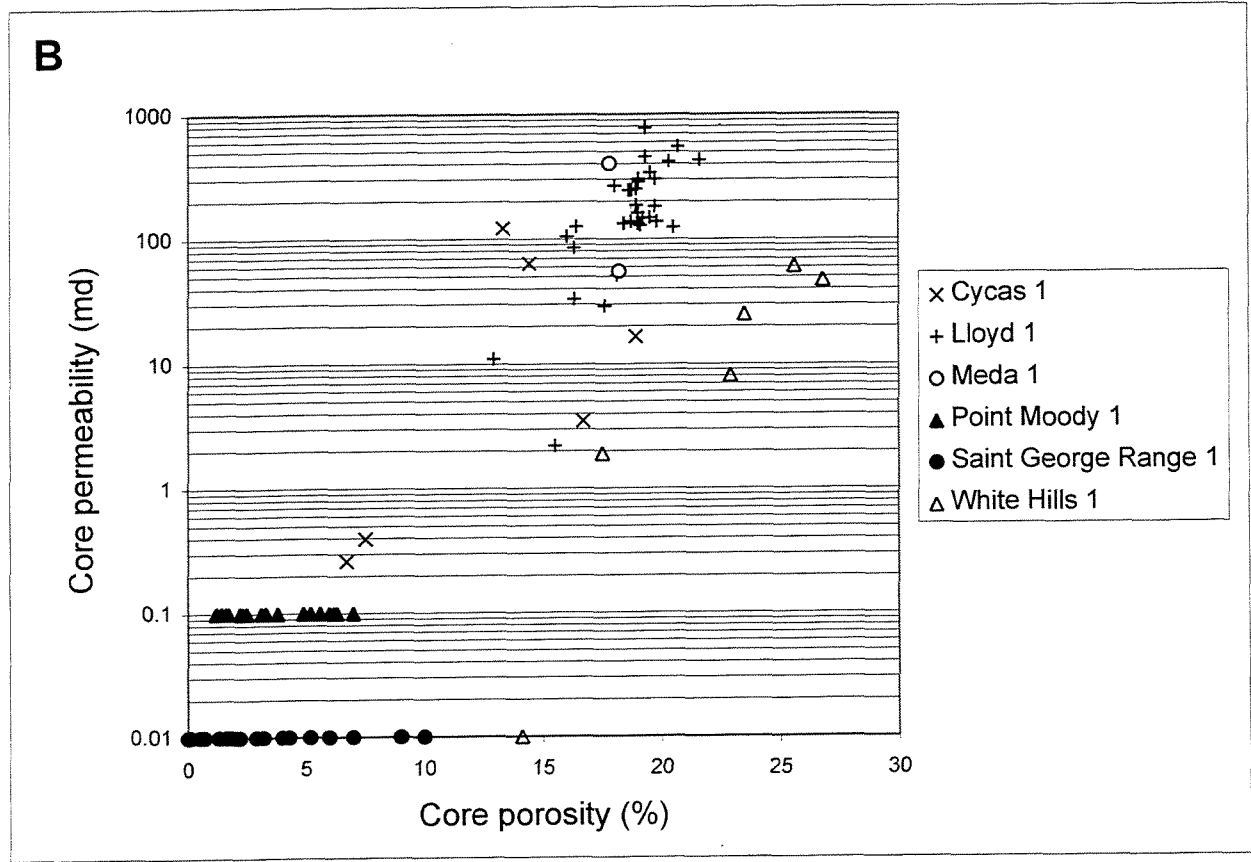
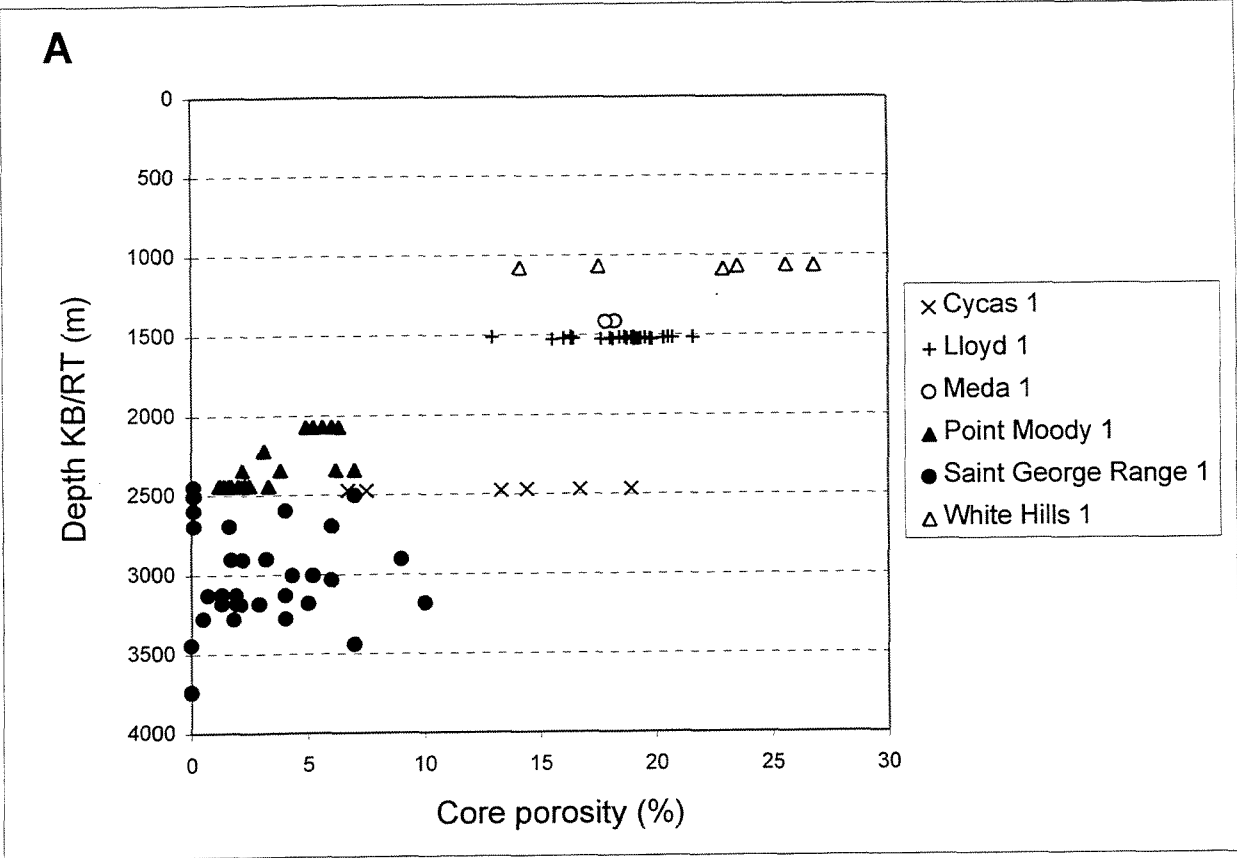


Figure 9. Relationships between porosity and depth (A), and porosity and permeability (B), for the Anderson Formation

Petroleum occurrences

For the wells under review, petroleum occurrences in the Anderson Formation (Appendix 10) may be summarized as follows:

- commercial oil production from Lloyd 1, Sundown 1, and West Kora 1
- approximately 10 litres of oil recovery from Kora 1
- oil stain in Crimson Lake 1 and Cycas 1
- fluorescence in Boundary 1 and Ellendale 1
- minor gas shows in Bindi 1

Carboniferous units, St George Formation and pre-Grant unit

Definition

Carboniferous units comprising interbedded clastics and carbonates occur in Bindi 1, Grant Range 1, St George Range 1, and Yulleroo 1. In Yulleroo 1 these units are dominated by clastics with associated minor carbonates.

The St George Formation is an interval of interbedded clastics recognized only in St George Range 1 where it lies between the Grant Group and the underlying Anderson Formation.

An undefined pre-Grant unit, consisting of interbedded clastics, occurs in Frankenstein 1.

Core analysis

Conventional cores have been cut in Frankenstein 1, Grant Range 1, St George Range 1, and Yulleroo 1 (Appendix 5). Core analysis has been conducted on conventional cores cut in the following units (Appendix 6):

- Carboniferous units in Grant Range 1 and Yulleroo 1
- St George Formation in St George Range 1
- undefined pre-Grant unit in Frankenstein 1.

In the Carboniferous units, sandstone core porosities and core permeabilities are uniformly very low in Grant Range 1 but range up to 18% and 92 md respectively in Yulleroo 1 (Fig. 10).

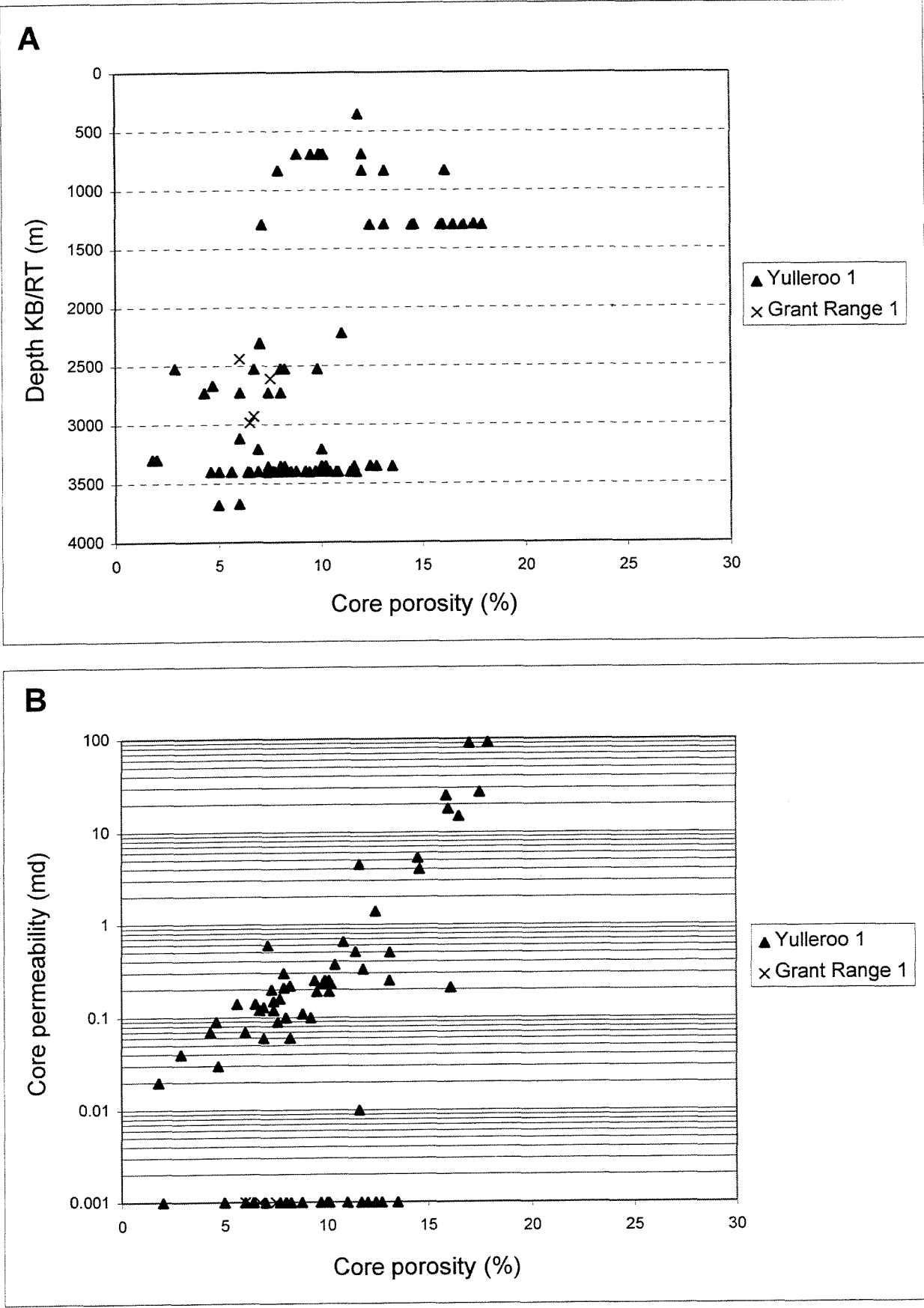


Figure 10. Relationships between porosity and depth (A), and porosity and permeability (B), for Carboniferous units

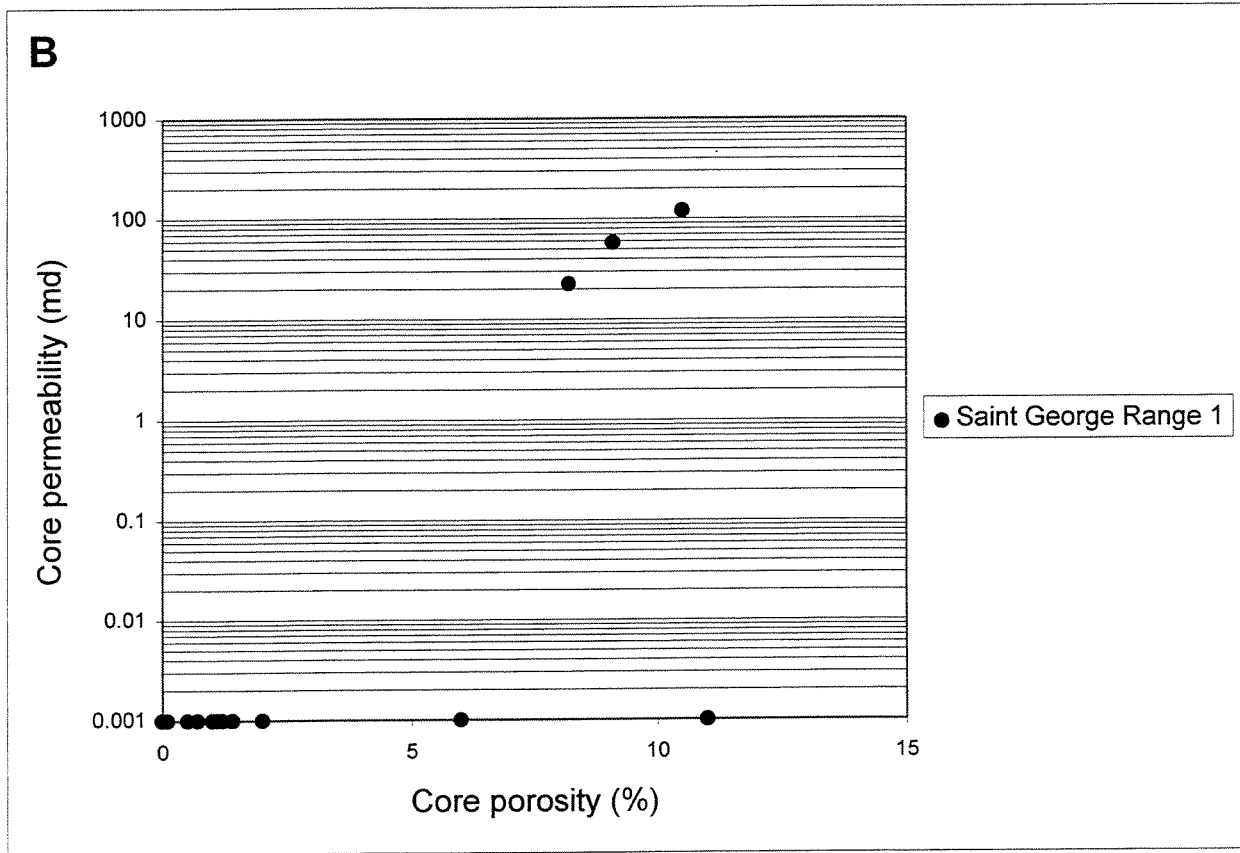
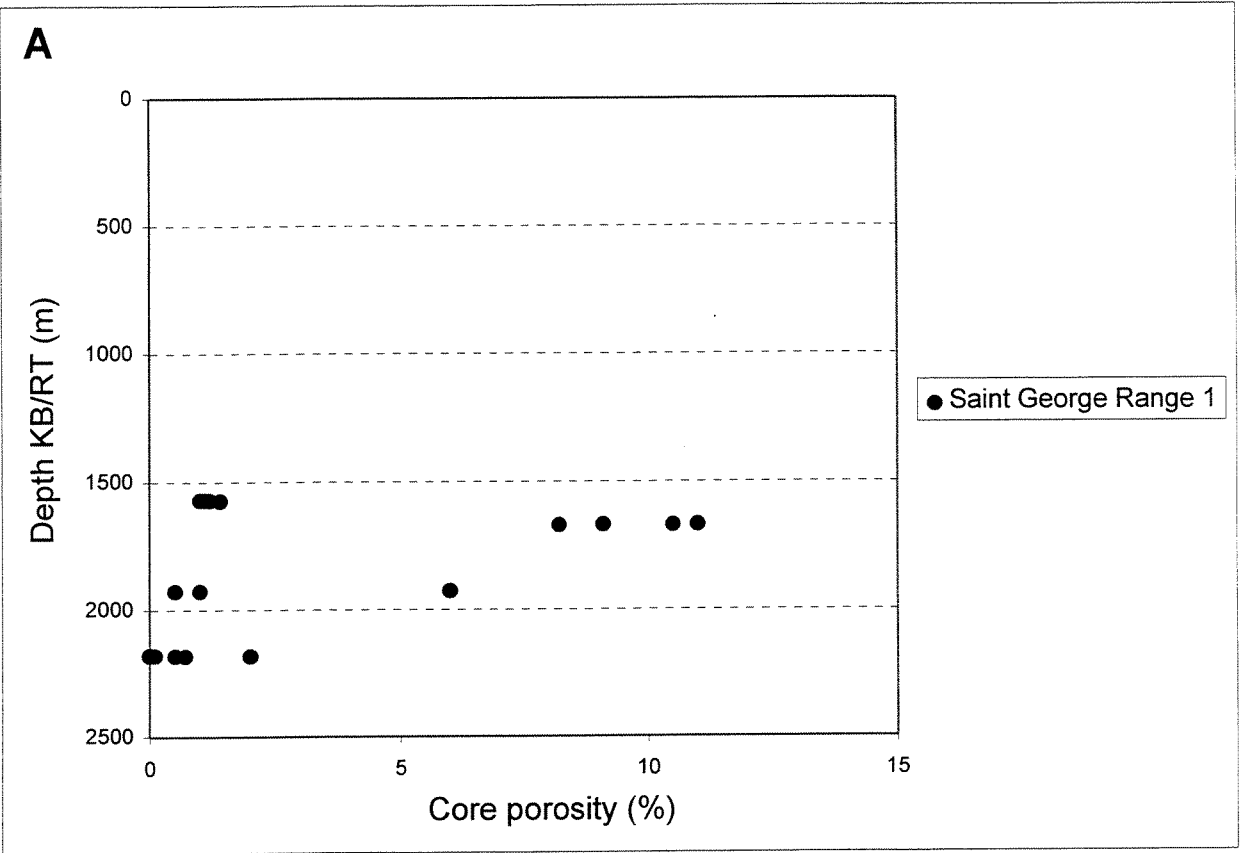


Figure 11. Relationships between porosity and depth (A), and porosity and permeability (B), for the St George Formation

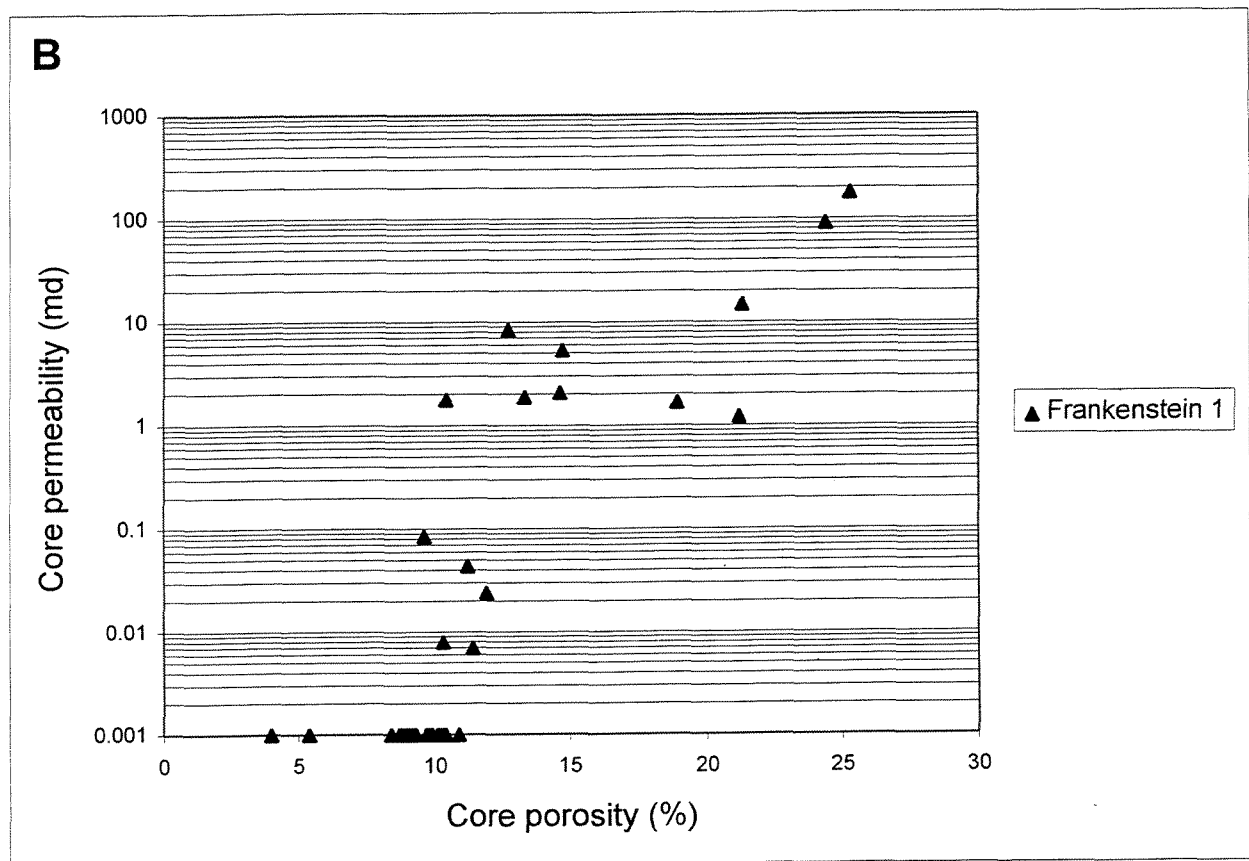
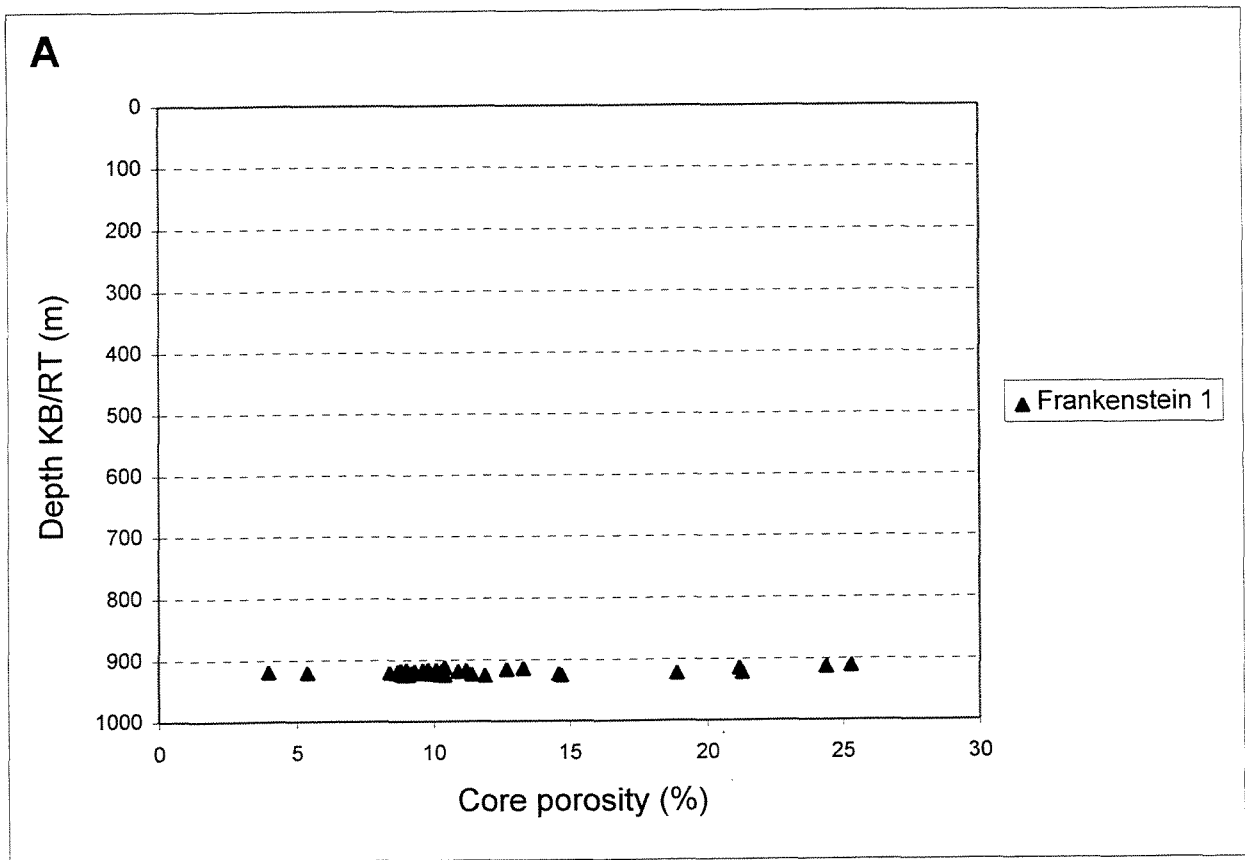


Figure 12. Relationships between porosity and depth (A), and porosity and permeability (B), for an undefined pre-Grant unit

In the St George Formation in St George Range 1, sandstone core porosities and core permeabilities are mostly low but range up to 11% and 120 md respectively (Fig. 11).

In the undefined pre-Grant unit in Frankenstein 1, sandstone core porosities range up to 25% while permeabilities are mostly negligible with a few values ranging up to 179 md (Fig. 12).

Log analysis

Log porosities in Bindi 1 range from 7 to 20% whereas in Yulleroo 1 they average 9 to 10% for sandstone intervals in Carboniferous Unit C. Log porosities for sandstone intervals in undefined pre-Grant units in Frankenstein 1 average 16% (Appendix 7).

Petrology

Thirty-eight thin section descriptions are available for the Carboniferous units in Yulleroo 1 (Appendix 8).

Well tests

Carboniferous Unit C has been drill stem tested in Yulleroo 1 and Carboniferous Members D and F have been drill stem tested in Grant Range 1 (Appendix 9).

Petroleum occurrences

The most significant petroleum shows were recorded in Yulleroo 1 for intervals within Carboniferous Unit C:

- recovered 0.57 m³ of gas in DST no. 6 at an estimated rate of 1360 m³/day
- recovered 0.57 m³ of gas in DST no. 7 at an estimated rate of 1360 m³/day
- recovered 0.28 m³ of gas in DST no. 8 at an estimated rate of 340 m³/day

Grant Group

Definition

The Upper Carboniferous to Lower Permian Grant Group extends over most of the Canning Basin. It comprises mainly sandstones and interbeds of shale and siltstone. Depositional environments range from fluvioglacial at the base of the group to deltaic at the top. The maximum penetrated thickness of the Grant Group occurs in Grant Range 1 where it exceeds 2000 metres (Appendix 2).

The profusion of stratigraphic unit names within the Grant Group (Appendix 2) reflects a number of different stratigraphic nomenclatures used by various organizations to subdivide the Grant Group in different parts of the Canning Basin.

Core analysis

Conventional cores have been cut in the Grant Group in 34 of the selected wells (Appendix 5) with core analysis data available for 20 wells (Appendix 6; Fig. 13). Excellent reservoir quality is present in most wells with maximum core porosities often exceeding 20% and core permeabilities commonly ranging between 10 and 1000 md.

Log analysis

Log-derived sandstone porosities exceed 20% in most units of the Grant Group in most of the wells under review (Appendix 7).

Petrology

Petrological information, including thin section descriptions, X-ray Diffraction (XRD) and Scanning Electron Microscope (SEM) data, are available for Cassia 1, Contention Heights 1, Crimson Lake 1, Cycas 1, Kora 1, St George Range 1, West Kora 1, and Woods Hills 1 (Appendix 8).

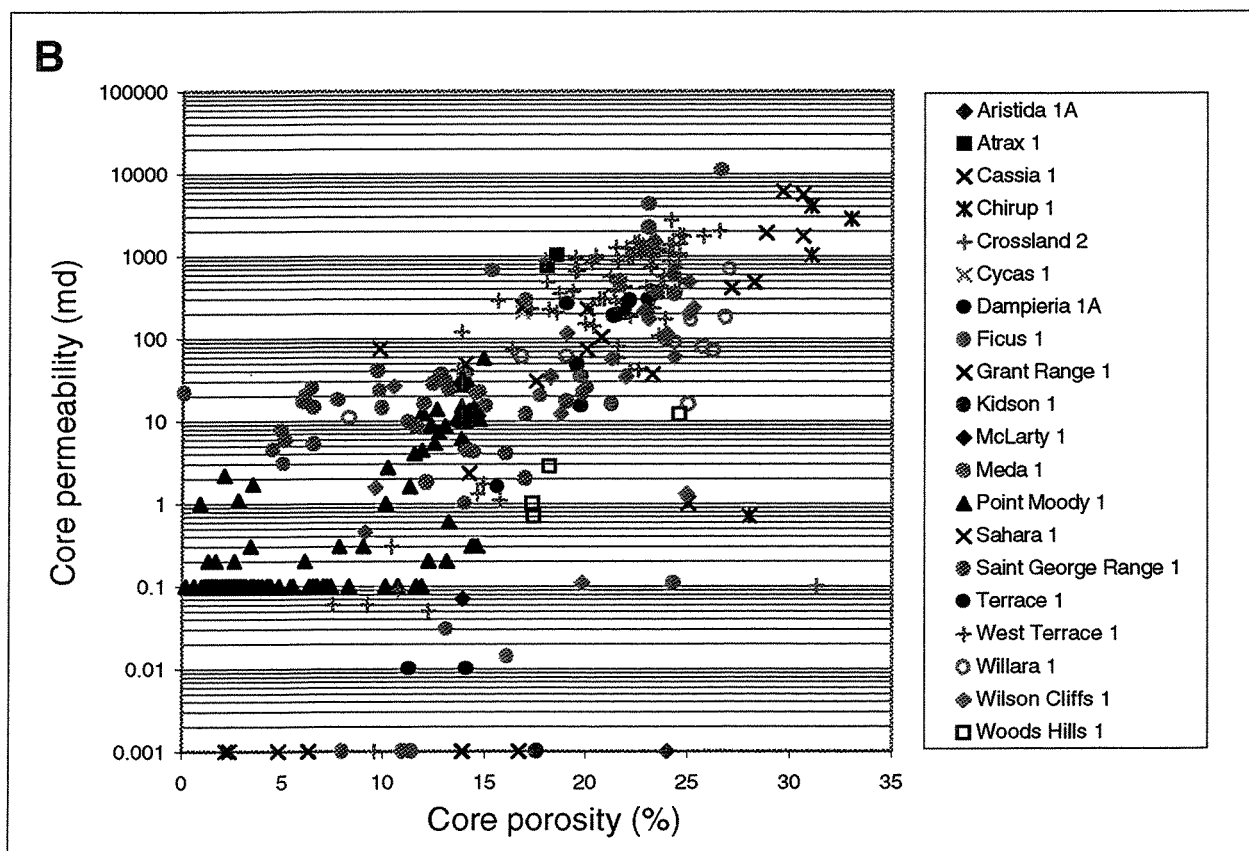
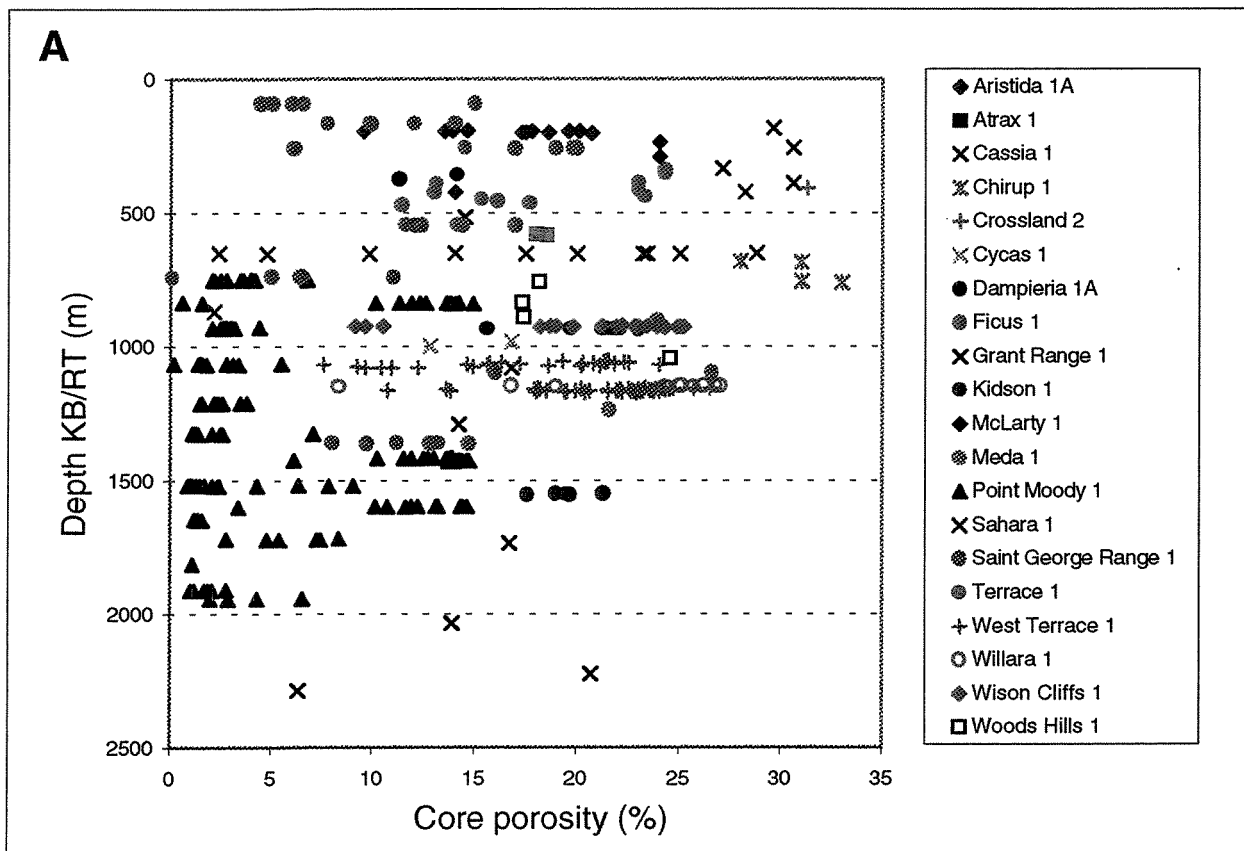


Figure 13. Relationships between porosity and depth (A), and porosity and permeability (B), for the undifferentiated Grant Group

Well tests

Various types of well tests have been carried out in the Grant Group in 14 wells (Appendix 9).

Petroleum occurrences

For the wells under review, petroleum occurrences in the Grant Group (Appendix 10) may be summarized as follows:

- commercial oil production from Boundary 1, Sundown 1, and West Terrace 1
- 79 litres of oil recovery, oil stain and fluorescence in Crimson Lake 1
- approximately 10 litres of oil recovery and fluorescence in Kora 1
- traces of oil in Aristida 1 and Aristida 1A
- oil scum recovery from Poole Range 3
- fluorescence in Auld 1, Grant Range 1, Lloyd 1, Melaleuca 1, Terrace 1, and Willara 1
- minor gas shows in Point Moody 1
- trace fluorescence in White Hills 1

Poole Sandstone

Definition

The transgressive Lower Permian Poole Sandstone consists of a locally developed marginal carbonate unit (Nura Nura Member) and an overlying fine- to coarse-grained clastic unit (upper member). The Poole Sandstone extends over most of the Canning Basin and reaches a maximum penetrated thickness of over 300 metres in Point Moody 1 (Appendix 2).

Core analysis

Conventional cores have been cut in the Poole Sandstone in Chirup 1, Meda 1, Point Moody 1, and Sahara 1 (Appendix 5) with core analysis conducted on samples from Meda 1, Point Moody 1, and Sahara 1 (Appendix 6; Fig. 14). In Point Moody 1, porosities range up to approximately 20% with generally low but erratic permeabilities up to 301 md. In Sahara 1 porosities are uniformly high with a maximum of 39% and permeabilities up to 1700 md.

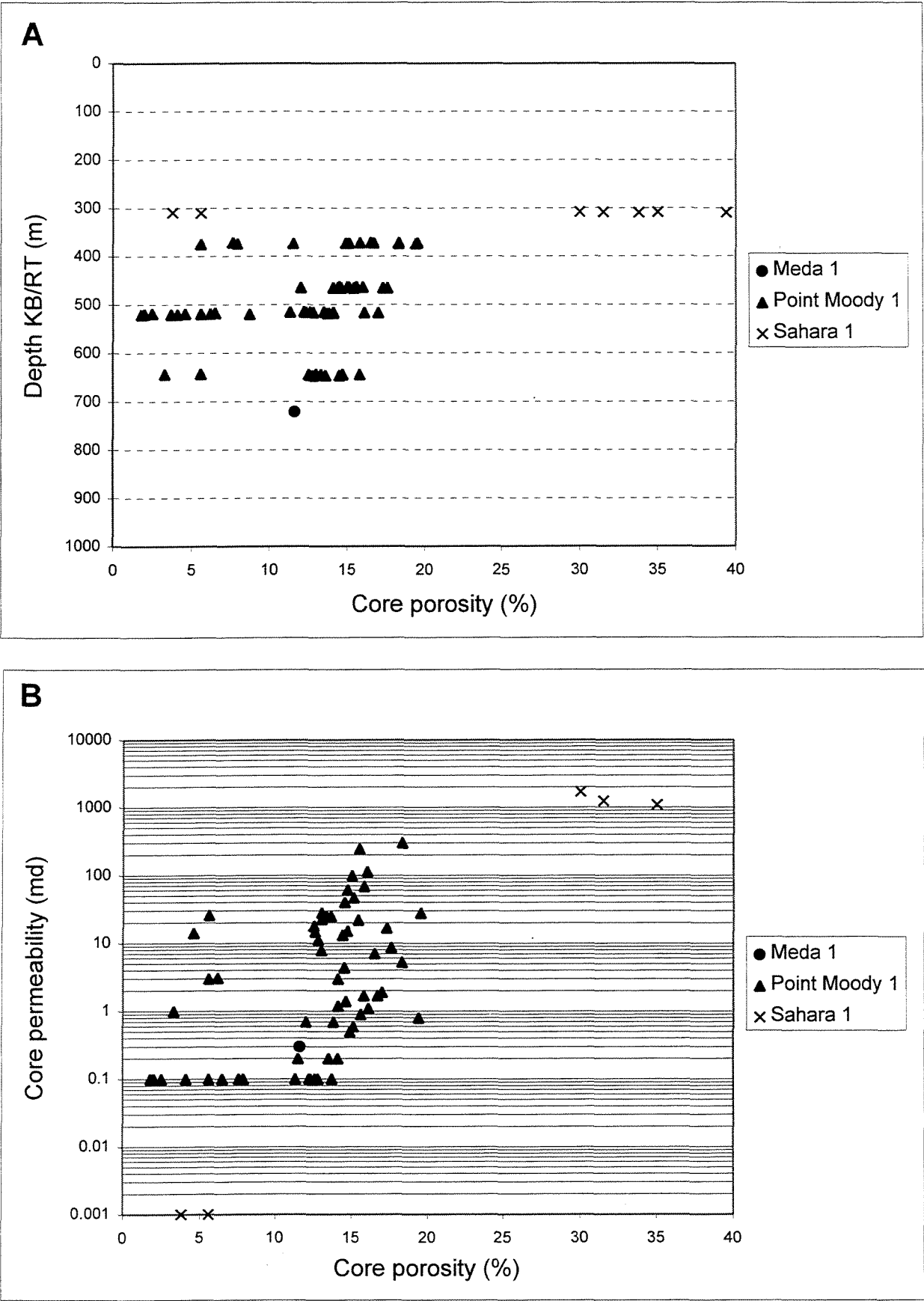


Figure 14. Relationships between porosity and depth (A), and porosity and permeability (B), for the Poole Sandstone

Log analysis

Log-derived average porosities for the Poole Sandstone exceed 15% in all wells and range up to 40% in Kemp Field 1 and Wilson Cliffs 1 (Appendix 7).

Petrology

The only petrology data for the Poole Sandstone is for Contention Heights 1 (Appendix 8).

Well tests

The Poole Sandstone has been drill stem tested in Bindi 1 and Point Moody 1 (Appendix 9).

Petroleum occurrences

For the wells under review, petroleum occurrences in the Poole Sandstone (Appendix 9) may be summarized as follows:

- minor residual oil in Bindi 1, Cycas 1, and Terrace 1
- fluorescence in Auld 1 and Lloyd 1

Noonkanbah Formation

Definition

The Lower Permian Noonkanbah Formation consists of calcareous marine units, shales, siltstones, and minor sandstones and extends over the southern, eastern, and northern portions of the Canning Basin where its thickness commonly exceeds 300 metres (Appendix 2). Though generally considered a regional seal for underlying Permo-Carboniferous units, the Noonkanbah Formation contains some thin, intraformational units possessing reservoir potential.

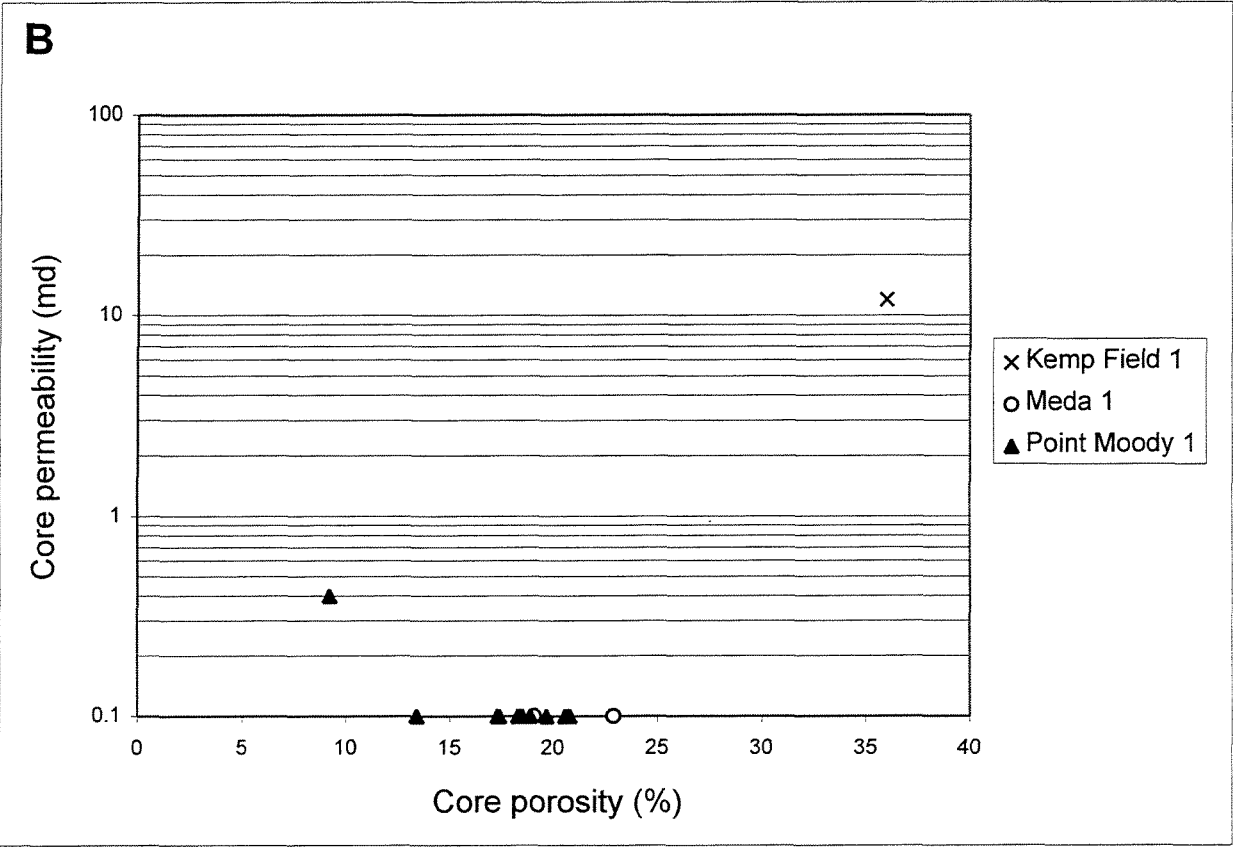
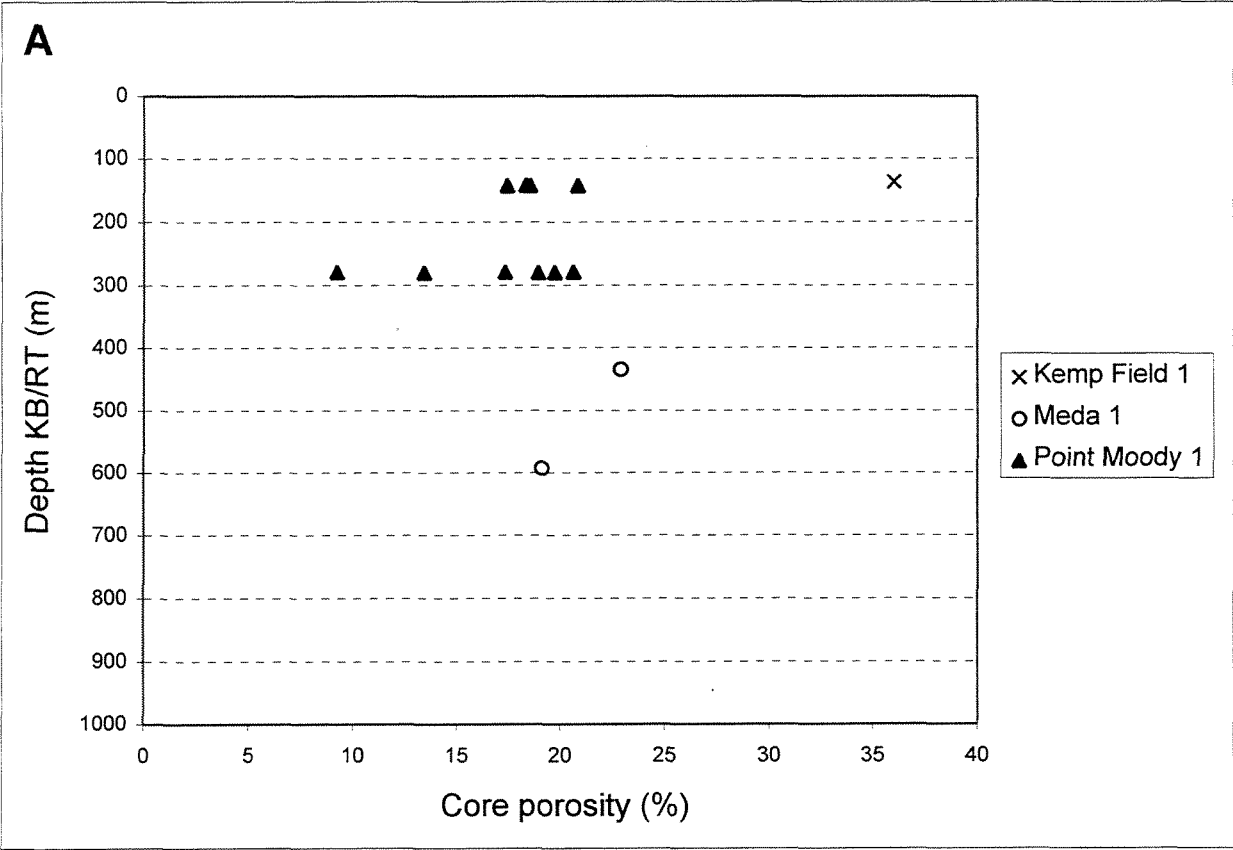


Figure 15. Relationships between porosity and depth (A), and porosity and permeability (B), for the Noonkanbah Formation

Core analysis

Conventional cores have been cut in the Noonkanbah Formation in Kemp Field 1, Meda 1, and Point Moody 1 (Appendix 5). Core analysis has been conducted on sandstone, siltstone, and shale samples from all three wells with porosities ranging up to 21% and permeabilities less than 1 md in all cases (Appendix 6; Fig. 15).

Log analysis

Log-derived porosities for sandstone units in the Noonkanbah Formation exceed 20% in several wells including Atrax 1, Bindi 1, Crimson Lake 1, and Wilson Cliffs 1 (Appendix 7).

Petrology

The only petrology data for the Noonkanbah Formation is for Contention Heights 1 (Appendix 8).

Well tests

No well tests have been carried out in the Noonkanbah Formation in the wells under review.

Petroleum occurrences

In the Noonkanbah Formation, in the wells under review, a trace of residual oil was recorded in Cycas 1 and fluorescence detected in Sundown 1 (Appendix 10).

Liveringa Group

Definition

The Lower to Upper Permian Liveringa Group consists of marine, deltaic and fluvial sediments. The Liveringa Group extends mainly over the eastern and northern portions of the Canning Basin where its thickness, in some wells, exceeds 300 metres (Appendix 2).

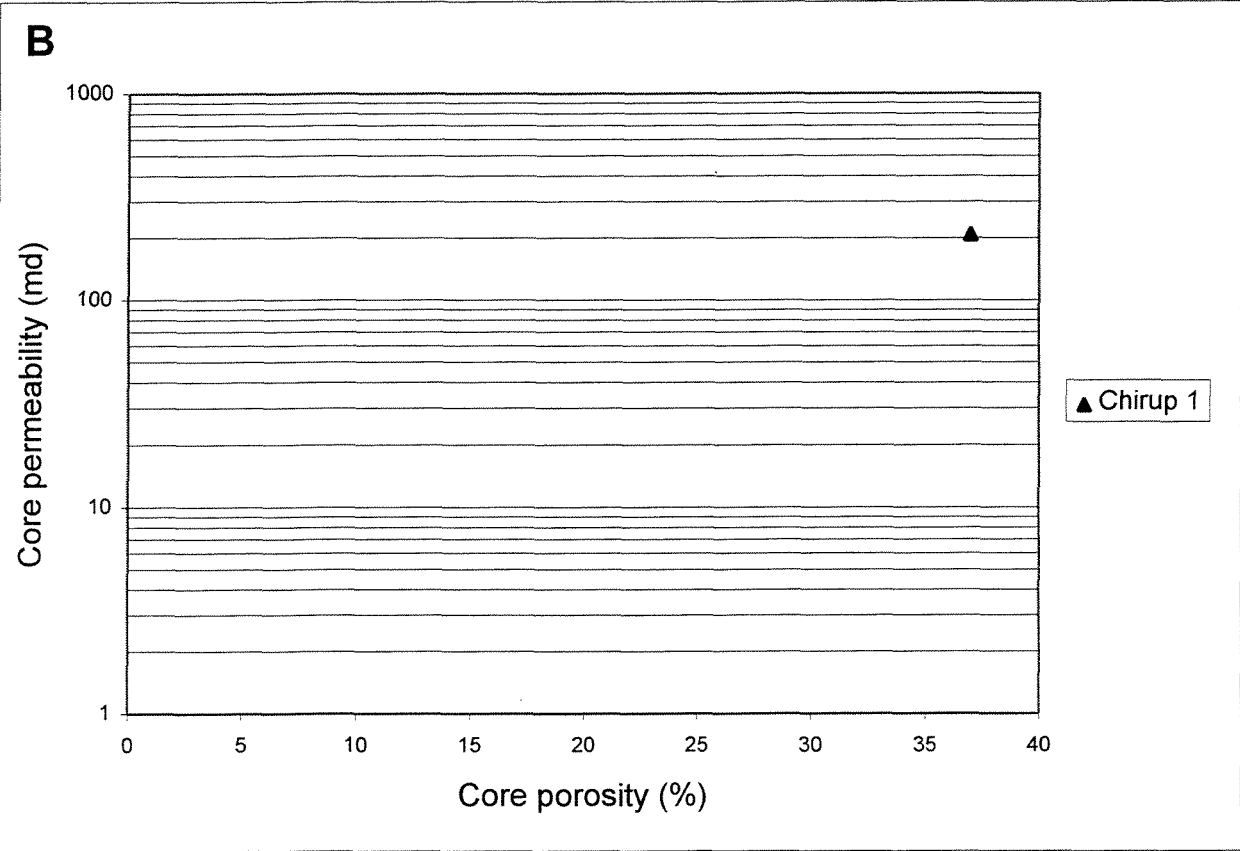
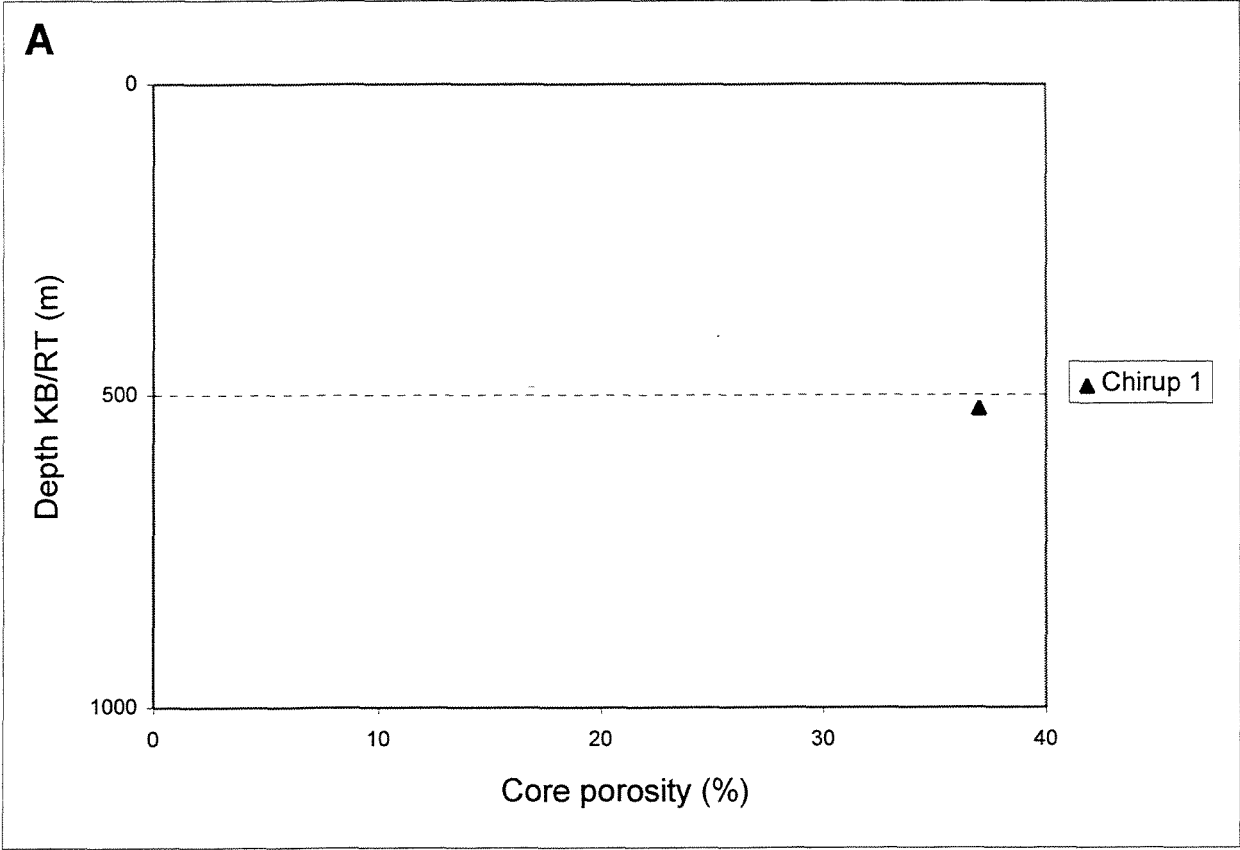


Figure 16. Relationships between porosity and depth (A), and porosity and permeability (B), for the Liveringa Group

Core analysis

Conventional cores have been cut in the Liveringa Formation in Chirup 1 (Appendix 5). In BMR 4A Mandorah three cores were cut in a Permian interval that may correspond to the Liveringa Group. Core analysis data is limited to one sandstone sample from Chirup 1 that has a porosity of 37% and a permeability of 209 md (Appendix 6; Fig. 16).

Log analysis

Log-derived sandstone porosities for the Liveringa Group exceed 30% in most wells (Appendix 7).

Petrology

No petrology has been carried out in the Liveringa Formation in the wells under review.

Well tests

No well tests have been carried out in the Liveringa Formation in the wells under review.

Petroleum occurrences

No petroleum occurrences have been recorded in the Liveringa Formation in the wells under review.

Conclusions

The main points to emerge from this data review are:

- Permo-Carboniferous hydrocarbon shows have been recorded in most structural subdivisions of the Canning Basin and in all major stratigraphic units except the Liveringa Group. However, commercial oil production is currently limited to the Grant Group and the

Anderson and Yellow Drum Formations on the Lennard Shelf in the northern part of the basin.

- Reservoir quality generally declines with increasing depth and age of Permo-Carboniferous stratigraphic units except in the Laurel Formation.
- Excellent sandstone reservoir quality (>20% porosity and >100 md permeability) is common in the Permo-Carboniferous section down to and including Grant Group level.
- Carbonate reservoir quality is generally poor at most stratigraphic levels and depths within the Permo-Carboniferous section except in the Yellow Drum Formation in Blina 1 where dolomitization processes and solution porosity have created commercial oil reservoir quality.
- No adequate explanation is available for the lack of production of hydrocarbons in White Hills 1 in a 1065 m thick Lower Carboniferous clastic interval containing extensive fluorescence and gas shows.

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Appendix 1

General well data

Well name	Well class	Spud date	Rig release date	Longitude Deg Min Sec	Latitude Deg Min Sec	Ground elevation (m)	Rig elevation (m)	TD (m)	Age at TD	Fluid shows	Completion status	GSWA S Number
Acacia 1	STR	19-08-81	20-09-81	E 124 59 39.00	S 19 19 50.00	211.4	211.4	1208.7	Ordovician	Oil	P&A	W 1847
Acacia 2	NFW	2-06-82	9-07-82	E 124 59 39.00	S 19 19 52.00	217.0	223.0	1575	PreCambrian	Oil	P&A	W 2161
Aristida 1	STR	18-10-83	21-11-83	E 125 19 36.00	S 19 53 55.00	177.0	177.0	216	U Devonian	Dry	P&A	W 2399V 1
Aristida 1A	STR	28-10-83	21-11-83	E 125 19 36.00	S 19 53 55.00	177.0	179.0	734	U Devonian	Dry	P&A	W 2399V 2
Atrax 1	STR	5-07-84	15-07-84	E 126 36 13.73	S 19 24 10.55	289.4	293.3	786	U Devonian	Dry	P&A	W 2625
Auld 1	NFW	20-04-85	1-05-85	E 123 1 29.00	S 21 46 54.00	250.0	253.1	817	L Devonian	Dry	P&A	W 2718
BMR 04A Mandorah	STR	22-04-58	9-05-58	E 120 44 35.88	S 19 44 17.88	9.0	10.0	679	PreCambrian	Water	Producing	W 3044V 5
Barbwire 1	STR	18-06-72	6-07-72	E 125 0 59.36	S 19 10 38.37	215.5	218.5	1071.4	M Ordovician	Dry	P&A	W 723
Bindi 1	NFW	10-07-84	14-08-84	E 126 47 57.60	S 19 43 19.87	284.8	291.3	2507	L Carboniferous	Dry	P&A	W 2609
Blina 1	NFW	18-04-81	27-06-81	E 124 30 1.60	S 17 37 24.46	56.9	62.2	2498.1	U Devonian	Oil	Producing	W 1819
Boab 1	STR	23-09-81	29-10-81	E 125 8 45.00	S 19 34 42.00	202.0	202.0	1033.4	U Silurian	Dry	P&A	W 1848
Boundary 1	NFW	6-08-90	25-08-90	E 124 14 38.09	S 17 29 14.19	39.0	45.9	1670	L Carboniferous	Oil	Susp	W20034
Calamia 1	NFW	9-11-87	5-12-87	E 121 47 47.09	S 19 34 49.36	94.1	98.6	1700	PreCambrian	Dry	P&A	W 3245
Calytix 1	STR	29-04-84	6-05-84	E 126 5 17.50	S 20 21 22.30	283.0	283.0	450	L Devonian	Dry	P&A	W 2569
Carina 1	NFW	17-08-82	7-09-82	E 123 4 44.08	S 19 21 17.20	111.0	116.2	1603	M Ordovician	Dry	P&A	W 2164
Cassia 1	STR	2-11-81	14-12-81	E 125 30 54.00	S 19 44 9.70	194.7	194.7	1576.6	Devonian	Dry	P&A	W 1849
Chirup 1	STR	26-08-68	6-09-68	E 120 26 0.00	S 19 15 0.00	3.1	4.6	762.61	L Permian	Dry	P&A	W 441
Clanthus 1	STR	14-05-84	20-05-84	E 126 5 19.00	S 20 18 35.80	258.0	260.0	450	L Permian	Dry	P&A	W 2570
Contention Heights 1	NFW	15-08-73	6-10-73	E 127 13 31.00	S 22 25 36.00	418.4	423.0	1790.7	Ordovician	Dry	P&A	W 874
Corbett 1	NFW	19-03-94	29-03-94	E 120 36 41.00	S 20 4 9.00	80.0	83.0	800	L Permian	Dry	P&A	W20212
Crimson Lake 1	NFW	10-07-88	4-08-88	E 124 40 35.56	S 17 53 5.23	89.6	97.0	1980.9	L Carboniferous	Oil	P&A	W 3346
Crossland 1	STR	31-07-71	17-08-71	E 125 15 1.62	S 19 43 2.38	181.1	183.8	913.18	Devonian	Dry	P&A	W 652V 1
Crossland 2	STR	22-08-71	4-09-71	E 124 59 38.18	S 20 0 45.67	175.0	177.7	914.4	L Permian	Dry	P&A	W 652V 2
Crossland 3	STR	24-09-71	15-10-71	E 125 45 34.78	S 20 12 8.82	230.7	233.5	915.31	U Devonian	Dry	P&A	W 652V 3
Cycas 1	NFW	21-06-83	22-08-83	E 126 1 41.41	S 19 1 4.66	178.0	185.0	3019	L Carboniferous	Dry	P&A	W 2375
Dampiera 1	STR	6-02-82	10-02-82	E 125 16 6.00	S 19 49 6.00	184.0	184.0	141	Permian	Dry	P&A	W 1851V 1
Dampiera 1A	STR	10-02-82	6-04-82	E 125 16 6.00	S 19 49 6.00	184.0	184.0	1856.9	U Devonian	Dry	P&A	W 1851V 2
Darriwell 1	NFW	8-06-88	1-07-88	E 122 6 14.43	S 19 35 23.51	94.3	98.7	1600	M Ordovician	Dry	P&A	W 3337
Dodonea 1	NFW	9-08-85	28-09-85	E 125 9 38.88	S 19 23 11.20	213.6	218.9	2215	Ordovician	Dry	P&A	W 2864
Dodonea 2	NFW	10-06-87	20-07-87	E 125 10 41.00	S 19 24 18.00	207.2	213.0	1688	M Ordovician	Dry	P&A	W 3149
Ellendale 1	NFW	24-07-79	14-10-79	E 124 42 15.00	S 17 54 18.00	95.2	100.3	3190	U Devonian	Gas	P&A	W 1551
Eremophila 3	STR	7-12-83	16-12-83	E 125 14 13.00	S 19 46 46.00	176.0	176.0	464	U Devonian	Dry	P&A	W 2419
Ficus 1	STR	5-01-82	6-02-82	E 125 17 53.00	S 19 49 8.00	185.0	185.0	1083.7	U Devonian	Dry	P&A	W 1852
Frankenia 1	STR	1-02-84	11-02-84	E 125 14 17.00	S 19 26 59.00	190.0	192.0	479	U Devonian	Dry	P&A	W 2406
Frankenstein 1	NFW	19-09-88	13-11-88	E 123 1 50.88	S 21 22 55.53	280.3	287.3	2803	U Proterozoic	Dry	P&A	W 3417

Appendix 1 (cont.)

Well name	Well class	Spud date	Rig release date	Longitude Deg Min Sec	Latitude Deg Min Sec	Ground elevation (m)	Rig elevation (m)	TD (m)	Age at TD	Fluid shows	Completion status	GSWA S Number
Grant Range 1	NFW	29-10-54	22-10-55	E 124 0 33.11	S 18 0 53.72	68.4	72.2	3936.5	U Carboniferous	Dry	P&A	W 92
Hoya 1	STR	7-05-84	14-05-84	E 126 5 18.60	S 20 23 37.20	283.0	283.0	450	L Devonian	Dry	P&A	W 2571
Jones Range 1	NFW	30-08-74	5-11-74	E 125 40 8.88	S 19 21 43.23	227.3	232.0	2540	U Devonian	Dry	P&A	W 1064
Juno 1	NFW	8-09-85	28-09-85	E 122 3 42.84	S 19 21 54.80	51.9	62.0	1750	M Ordovician	Dry	P&A	W 2872
Kemp Field 1	STR	28-09-68	13-10-68	E 123 27 47.75	S 20 19 9.77	234.1	238.4	1181.1	Silurian	Dry	P&A	W 439
Kidson 1	STR	21-11-65	24-07-66	E 125 0 34.93	S 22 36 59.52	355.1	360.0	4431.5	L Ordovician	Dry	P&A	W 244
Kilang Kilang 1	NFW	26-10-84	3-12-84	E 127 7 37.00	S 20 12 47.00	287.0	293.5	2300	L Carboniferous	Dry	P&A	W 2644
Kora 1	NFW	17-07-82	9-10-82	E 123 49 42.52	S 17 15 38.41	9.0	14.4	3101	U Devonian	Dry	P&A	W 2190
Kunzea 1	STR	27-05-84	4-06-85	E 124 59 22.90	S 19 32 6.40	180.0	180.0	450	L Ordovician	Dry	P&A	W 2604
Lake Betty 1	NFW	1-09-71	15-12-71	E 126 19 52.70	S 19 34 10.96	273.7	278.3	3145.8	M Devonian	Dry	P&A	W 648
Lloyd 1	NFW	25-06-87	14-07-87	E 124 14 56.44	S 17 28 3.23	39.3	43.6	2001	U Devonian	Oil	Producing	W 3144
Mangaloo 1	NFW	25-08-85	8-12-85	E 125 34 1.50	S 19 35 17.40	212.6	219.7	3100	U Devonian	Dry	P&A	W 2817
McLarty 1	NFW	14-05-68	30-07-68	E 123 39 19.72	S 19 23 43.90	170.1	174.4	2590.8	Ordovician	Dry	P&A	W 415
Meda 1	NFW	8-06-58	21-11-58	E 124 11 32.29	S 17 23 56.17	26.8	30.5	2685	PreCambrian	Oil	P&A	W 89
Melaleuca 1	STR	11-04-84	21-04-84	E 125 32 44.52	S 19 41 17.88	198.0	199.5	450	L Permian	Dry	P&A	W 2572
Mirbelia 1	NFW	7-03-85	12-05-85	E 125 21 36.50	S 19 39 7.70	200.3	205.0	2670	Silurian	Oil	P&A	W 2729
Mirbelia 2	EXT	28-09-88	24-11-88	E 125 21 39.25	S 19 39 1.37	198.1	205.1	2818.6	L Ordovician	Dry	P&A	W 3430
Munda 1	STR	5-11-71	19-11-71	E 122 17 33.91	S 19 28 26.60	94.5	97.2	1066.8	Silurian	Dry	P&A	W 655
Munro 1	NFW	4-06-72	3-07-72	E 122 29 18.55	S 19 51 55.12	55.2	59.7	2115.6	PreCambrian	Dry	P&A	W 698
Musca 1	NFW	6-10-82	25-10-82	E 122 57 20.28	S 19 20 19.34	109.0	114.2	1535	M Ordovician	Dry	P&A	W 2168
Ngalti 1	NFW	21-08-84	17-10-84	E 127 18 46.00	S 19 52 8.00	280.0	286.5	2758	U Devonian	Dry	P&A	W 2638
Olios 1	NFW	1-10-83	2-11-83	E 126 47 30.25	S 19 30 20.25	311.0	318.0	1963.5	U Devonian	Dry	P&A	W 2478
Pandanus 1	STR	21-05-85	1-06-85	E 120 42 7.92	S 20 25 41.88	210.0	214.0	880	PreCambrian	Dry	P&A	W 2565
Pandorea 1	NFW	24-12-84	27-02-85	E 125 20 37.00	S 19 51 27.40	180.0	185.0	2274.5	M Devonian	Dry	P&A	W 2693
Patience 1	NFW	12-01-86	4-02-86	E 125 40 7.05	S 23 21 45.98	403.4	406.4	1869	Silurian	Dry	P&A	W 2919
Pegasus 1	NFW	21-06-88	15-08-88	E 123 57 4.13	S 20 5 50.61	260.0	269.9	2995	L Ordovician	Dry	P&A	W 3338
Percival 1	NFW	23-05-85	18-07-85	E 126 4 55.30	S 20 19 55.70	269.6	274.6	2447.6	M Ordovician	Dry	P&A	W 2819
Point Moody 1	STR	2-10-65	15-01-66	E 127 48 22.00	S 21 15 34.00	422.8	427.5	2441.1	L Carboniferous	Dry	P&A	W 238
Point Torment 1 (a)	NFW	2-11-92	28-11-92	E 123 44 14.88	S 17 9 57.81	8.8	17.4	2130	U Devonian	Gas	Producing	W20140V 1 & 2
Poole Range 3	NFW	15-03-27	30-11-30	E 125 47 20.00	S 18 53 6.00	187.0	No Data	995	L Permian	Dry	P&A	W 1355V 4
Poole Range 5	NFW	15-04-32	15-04-33	E 125 49 2.00	S 18 52 27.12	No Data	No Data	470.9	L Permian	Dry	P&A	W 1355V 5
Sahara 1	NFW	11-01-65	3-03-65	E 123 23 39.97	S 21 4 36.23	264.6	269.4	2120.2	U Silurian	Dry	P&A	W 182
Samphire Marsh 1	NFW	18-02-58	4-05-58	E 121 10 58.93	S 19 31 13.14	4.9	8.5	2031.2	PreCambrian	Water	Producing	W 101
Santalum 1	STR	14-09-83	23-09-83	E 124 52 6.00	S 19 28 23.16	217.0	217.0	296	L Permian	Dry	P&A	W 2426V 1
Santalum 1A	STR	24-09-83	16-10-83	E 124 52 6.00	S 19 28 23.16	200.0	200.0	629.2	M Ordovician	Dry	P&A	W 2426V 2
South Auld 1	NFW	6-05-85	13-05-85	E 123 2 37.00	S 21 47 39.00	249.0	252.1	857	L Permian	Dry	P&A	W 2803
St George Range 1	NFW	16-09-65	15-05-66	E 125 8 17.00	S 18 41 29.04	172.5	178.0	4437.3	L Carboniferous	Gas	P&A	W 223
Stansmore Range 1	STR	30-10-64	31-10-64	E 127 57 55.00	S 21 15 35.00	493.8	493.8	106.7	Permian	Water	Producing	W 185V 1
Stansmore Range 2	STR	31-10-64	1-11-64	E 128 0 0.00	S 21 15 50.00	506.0	506.0	102.1	Permian	Dry	P&A	W 185V 2
Stansmore Range 3	STR	1-11-64	2-11-64	E 127 52 20.00	S 21 15 40.00	466.3	466.3	105.2	Permian	Water	Producing	W 185V 3

Appendix 1 (cont.)

Well name	Well class	Spud date	Rig release date	Longitude			Latitude			Ground elevation (m)	Rig elevation (m)	TD (m)	Age at TD	Fluid shows	Completion status	GSWA S Number
Stansmore Range 4	STR	5-11-64	5-11-64	E 127	51	30.00	S 21	14	40.00	451.1	451.1	32	Permian	Dry	P&A	W 185V 4
Stansmore Range 5	STR	6-11-64	6-11-64	E 127	46	50.00	S 21	16	45.00	420.6	420.6	53.3	Permian	Dry	P&A	W 185V 5
Sundown 1	NFW	13-10-82	30-11-82	E 124	14	30.85	S 17	33	10.03	39.2	45.7	2736	U Devonian	Oil	Susp	W 2233
Tandalgoo 1	NFW	10-11-63	13-11-63	E 123	27	0.00	S 21	6	0.00	267.0	267.0	33.5	Permian	Water	Producing	W 157V 1
Tandalgoo 2	NFW	16-11-63	16-11-63	E 123	27	0.00	S 21	7	0.00	263.7	263.7	152.4	Permian	Dry	P&A	W 157V 2
Tandalgoo 3	NFW	14-11-63	14-11-63	E 123	27	0.00	S 21	18	0.00	302.0	302.0	125	Permian	Dry	P&A	W 157V 3
Terrace 1	NFW	22-05-84	25-06-84	E 124	15	15.59	S 17	30	23.34	31.8	39.4	2389	U Devonian	Oil	P&A	W 2597
Triodia 1	STR	6-01-84	21-01-84	E 125	13	57.00	S 19	38	17.00	178.0	178.0	631	U Devonian	Dry	P&A	W 2404
Vela 1	NFW	12-09-82	3-10-82	E 122	53	36.10	S 19	24	42.72	122.0	117.2	1908	M Ordovician	Dry	P&A	W 2170
West Kora 1	NFW	16-07-84	9-09-84	E 123	49	0.12	S 17	14	47.54	9.3	15.1	2606	U Devonian	Oil	Susp	W 2555
West Terrace 1	NFW	17-05-85	1-06-85	E 124	15	31.26	S 17	30	26.40	32.2	36.1	1250	L Carboniferous	Oil	Producing	W 2786
White Hills 1	NFW	19-07-82	12-12-82	E 127	35	14.98	S 21	9	20.35	357.2	365.1	4148	U Devonian	Dry	P&A	W 2086
Willara 1	NFW	9-06-65	18-10-65	E 122	4	21.80	S 19	10	53.60	75.9	80.8	3903.27	L Ordovician	Dry	P&A	W 214
Wilson Cliffs 1	NFW	8-06-68	4-12-68	E 126	46	55.00	S 22	16	39.00	440.1	445.0	3722.2	Proterozoic	Dry	P&A	W 419
Woods Hills 1	NFW	11-11-84	3-12-84	E 122	1	8.60	S 19	34	33.90	108.7	112.4	1978	L Ordovician	Dry	P&A	W 2710
Yulleroo 1	NFW	21-05-67	5-12-67	E 122	54	25.00	S 17	51	16.00	50.0	50.0	4572.3	U Devonian	Dry	P&A	W 348

NOTES:

Deg = Degree; Min = Minute; Sec = Second; TD = Total depth; STR = Stratigraphic; NFW = New field well; EXT = Extension; E = East; S = South; U = Upper; M = Middle; L = Lower; P&A = Plugged and abandoned; Susp = Suspended

(a) Point Torment 1 was deepened in 1994 to 2606.3 m by Stirling Resources Ltd

Appendix 2

Well completion report formation tops

Well name	Formation	Formation qualifier	Top depth (m)	Bottom depth (m)	Thickness (m)
Acacia 1	Jurassic	Barbwire Sandstone	7.5	41.5	34.0
Acacia 1	Grant Gp		41.5	361.6	320.1
Acacia 1	Tandalgoo Sandstone		361.6	372.3	10.7
Acacia 1	Worral Fm		372.3	524.0	151.7
Acacia 1	Carribuddy Gp		524.0	693.0	169.0
Acacia 1	Nita Fm		693.0	855.0	162.0
Acacia 1	Goldwyer Fm		855.0	1209.0	354.0
Acacia 2	Grant Gp		56.0	357.0	301.0
Acacia 2	Unnamed		357.0	508.0	151.0
Acacia 2	Carribuddy Gp		508.0	700.0	192.0
Acacia 2	Nita Fm		700.0	873.0	173.0
Acacia 2	Goldwyer Fm		873.0	1040.0	167.0
Acacia 2	Unnamed		1040.0	1277.0	237.0
Acacia 2	Nambeet Fm		1277.0	1502.0	225.0
Acacia 2	Basement	Unnamed	1502.0	1573.0	71.0
Aristida 1	Grant Gp		90.0	205.0	115.0
Aristida 1	Nullara Limestone	?Nullara Limestone Equivalent	205.0	361.0	156.0
Aristida 1A	Grant Gp		90.0	205.0	115.0
Aristida 1A	Nullara Limestone	?Nullara Limestone Equivalent	205.0	361.0	156.0
Aristida 1A	Devonian	Eremophila Red Beds Equivalent	361.0	419.0	58.0
Aristida 1A	Pillara Limestone	?Pillara Limestone Equivalent	419.0	734.0	315.0
Atrax 1	Noonkanbah Fm		32.0	108.0	76.0
Atrax 1	Poole Sandstone		117.0	158.0	41.0
Atrax 1	Grant Gp		158.0	586.5	428.5
Atrax 1	Knobby Sandstone		586.5	603.0	16.5
Atrax 1	Devonian	Bugle Gap Limestone (yellow hor)	602.0	660.5	58.5
Atrax 1	Devonian	Unnamed (Pre yellow hor)	660.5	786.0	125.5
Auld 1	Noonkanbah Fm		76.0	143.5	67.5
Auld 1	Poole Sandstone		143.5	208.0	64.5
Auld 1	Grant Gp	Unit C	208.0	286.0	78.0
Auld 1	Grant Gp	Unit B	286.0	565.0	279.0
Auld 1	Grant Gp	Unit A	565.0	795.0	230.0
Auld 1	Tandalgoo Sandstone		795.0	817.0	22.0
BMR 04A Mandorah	Recent		0.0	13.1	13.1
BMR 04A Mandorah	Pleistocene		13.1	22.9	9.8
BMR 04A Mandorah	Cretaceous	Lower	22.9	114.9	92.0
BMR 04A Mandorah	Jurassic	Upper Jurassic to Lower Cretaceous	114.9	278.9	164.0
BMR 04A Mandorah	Jurassic	Middle to Upper	278.9	549.3	270.4
BMR 04A Mandorah	Permian	Permian, Triassic & Jurassic	549.3	677.9	128.6

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
BMR 04A Mandorah	PreCambrian	Lower Proterozoic	677.9	679.0	1.1
Barbwire 1	Grant Gp	Binda Mbr	0.0	67.0	67.0
Barbwire 1	Grant Gp	Dora Mbr	67.0	129.0	62.0
Barbwire 1	Grant Gp	Cuncudgerie Mbr	129.0	143.0	14.0
Barbwire 1	Pillara Limestone		143.3	363.6	220.4
Barbwire 1	Tandalgoo Sandstone		363.6	457.8	94.2
Barbwire 1	Carribuddy Gp		457.8	730.3	272.5
Barbwire 1	Nita Fm		730.3	782.4	52.1
Barbwire 1	Goldwyer Fm		782.4	1071.4	289.0
Barbwire 1	Goldwyer Fm	'Carbonate Mbr'	822.4	1071.4	249.0
Bindi 1	Blina Shale		8.5	228.0	219.5
Bindi 1	Millyit Sandstone		228.0	292.5	64.5
Bindi 1	Liveringa Gp		292.5	629.0	336.5
Bindi 1	Condren Sandstone		292.5	505.0	212.5
Bindi 1	Lightjack Fm		505.0	629.0	124.0
Bindi 1	Noonkanbah Fm		629.0	910.0	281.0
Bindi 1	Poole Sandstone		910.0	990.0	80.0
Bindi 1	Carolyn Fm	?Carolyn Fm	990.0	1046.0	56.0
Bindi 1	Winifred Fm	?Winifred Fm Upp Intra-Grant Seal	1046.0	1098.0	52.0
Bindi 1	Betty Fm		1098.0	1215.0	117.0
Bindi 1	Grant Gp	Top Lwr Intra-Grant Seal	1215.0	1303.5	88.5
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1303.5	1583.0	279.5
Bindi 1	Carboniferous	?Fraser River Shale Equiv	1583.0	1662.0	79.0
Bindi 1	Carboniferous	Lower Pre-Grant Unit	1662.0	1832.0	170.0
Bindi 1	Anderson Fm	Units D, E, F & G	1832.0	2332.5	500.5
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	2158.5	2474.5	316.0
Bindi 1	Laurel Fm	?Laurel Fm	2474.0	2500.0	26.0
Blina 1	Recent	Alluvium	5.0	30.0	25.0
Blina 1	Blina Shale		30.0	133.0	103.0
Blina 1	Liveringa Gp		133.0	335.0	202.0
Blina 1	Noonkanbah Fm		335.0	571.0	236.0
Blina 1	Poole Sandstone		571.0	653.0	82.0
Blina 1	Grant Gp		653.0	1104.0	451.0
Blina 1	Laurel Fm		1104.0	1143.0	39.0
Blina 1	Yellow Drum Fm		1143.0	1315.0	172.0
Blina 1	Gumhole Fm		1315.0	1438.0	123.0
Blina 1	Gumhole Fm	May River Unit	1412.0	1438.0	26.0
Blina 1	Nullara Limestone		1438.0	1557.0	119.0
Blina 1	Devonian	Windjana Fm	1557.0	2073.0	516.0
Blina 1	Devonian	Famennian Red Beds	2073.0	2241.0	168.0
Blina 1	Devonian	Frasnian Clastics	2241.0	2498.0	257.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Boab 1	Recent	Holocene	0.0	14.0	14.0
Boab 1	Quaternary		14.0	23.0	9.0
Boab 1	Jurassic	?Barbwire Sandstone/Jurassic	23.0	64.0	41.0
Boab 1	Grant Gp		64.0	209.5	145.5
Boab 1	Pillara Limestone	?Pillara Limestone	209.5	576.5	367.0
Boab 1	Devonian	Unnamed Dolomite	576.5	653.7	77.2
Boab 1	Devonian	?Tandulla Gp	653.7	1016.0	362.3
Boab 1	Carribuddy Gp		1016.0	1033.0	17.0
Boundary 1	Erskine Sandstone		0.0	106.0	106.0
Boundary 1	Blina Shale		106.0	370.0	264.0
Boundary 1	Liveringa Gp		370.0	536.5	166.5
Boundary 1	Noonkanbah Fm		536.5	845.5	309.0
Boundary 1	Poole Sandstone	Upper Sandstone Mbr	845.5	890.0	44.5
Boundary 1	Poole Sandstone	Nura Nura Mbr	890.0	946.0	56.0
Boundary 1	Grant Gp	Grant 'Unit A'	946.0	1041.0	95.0
Boundary 1	Grant Gp	Grant 'Unit B'	1041.0	1225.0	184.0
Boundary 1	Grant Gp	Grant 'Unit C'	1225.0	1554.5	329.5
Boundary 1	Anderson Fm		1554.5	1670.0	115.5
Calamia 1	Recent	Surface Deposits	4.6	50.9	46.3
Calamia 1	Broome Sandstone		50.9	125.0	74.1
Calamia 1	Jarlemai Siltstone		125.0	170.6	45.6
Calamia 1	Alexander Fm		170.6	213.0	42.4
Calamia 1	Alexander Fm		213.0	259.9	46.9
Calamia 1	Wallal Sandstone		259.9	477.4	217.5
Calamia 1	Grant Gp	Unit 5A	477.4	587.4	110.0
Calamia 1	Grant Gp	Unit 4	587.4	645.0	57.6
Calamia 1	Grant Gp	Unit 3	645.0	799.7	154.7
Calamia 1	Grant Gp	Unit 2	799.7	888.2	88.5
Calamia 1	Nita Fm		888.2	938.0	49.8
Calamia 1	Goldwyer Fm	Upper Shale Unit	938.0	996.6	58.6
Calamia 1	Goldwyer Fm	Middle Ls Unit	996.6	1055.1	58.5
Calamia 1	Goldwyer Fm	Lower Shale Unit	1055.1	1242.6	187.5
Calamia 1	Willara Fm	Upper Unit	1242.6	1337.0	94.4
Calamia 1	Willara Fm	Middle Unit	1337.0	1376.1	39.1
Calamia 1	Willara Fm	Lower Unit	1376.1	1461.4	85.3
Calamia 1	Nambeet Fm		1461.4	1671.4	210.0
Calamia 1	Basement		1671.4	1700.0	28.6
Calytrix 1	Recent	Surficial Sands	0.0	3.0	3.0
Calytrix 1	Noonkanbah Fm	?Noonkanbah Fm	3.0	68.0	65.0
Calytrix 1	Grant Gp	Upper Mixed Clastics Mbr	68.0	143.7	75.7
Calytrix 1	Grant Gp	Middle Mudstone Mbr	143.7	206.0	62.3

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Calytrix 1	Grant Gp	Lower Sandstone Mbr	206.0	381.0	175.0
Calytrix 1	Grant Gp	Basal Polymictic Conglomerate	381.0	399.0	18.0
Calytrix 1	Nullara Limestone		399.0	450.0	51.0
Carina 1	Wallal Sandstone		0.0	367.0	367.0
Carina 1	Grant Gp	Grant Gp A	367.0	491.0	124.0
Carina 1	Grant Gp	Grant Gp B	491.0	664.0	173.0
Carina 1	Tandalgoo Sandstone		664.0	694.0	30.0
Carina 1	Carribuddy Gp	Unit A	694.0	926.0	232.0
Carina 1	Carribuddy Gp	Unit B	926.0	1232.0	306.0
Carina 1	Carribuddy Gp	Unit C	1232.0	1365.0	133.0
Carina 1	Carribuddy Gp	Unit D	1365.0	1473.0	108.0
Carina 1	Nita Fm		1473.0	1551.0	78.0
Carina 1	Goldwyer Fm		1551.0	1603.0	52.0
Cassia 1	Recent	Recent-Tertiary Surficial	0.0	15.8	15.8
Cassia 1	Jurassic	Barbwire Sandstone	15.8	45.8	30.0
Cassia 1	Grant Gp		45.8	549.9	504.1
Cassia 1	Fairfield Gp	Equivalent	549.9	1036.1	486.2
Cassia 1	Nullara Limestone	Equivalent	1036.1	1576.6	540.5
Chirup 1	Bossut Fm		3.0	6.4	3.4
Chirup 1	Broome Sandstone		6.4	139.3	132.9
Chirup 1	Jarlemai Siltstone		139.3	160.0	20.7
Chirup 1	Alexander Fm		160.0	260.3	100.3
Chirup 1	Wallal Sandstone		260.3	499.0	238.7
Chirup 1	Liveringa Gp		499.0	538.3	39.3
Chirup 1	Poole Sandstone		538.3	655.6	117.3
Chirup 1	Grant Gp	Dora Mbr	655.6	762.6	107.0
Clianthus 1	Unnamed	Holocene-?Jurassic	0.0	18.0	18.0
Clianthus 1	Grant Gp	Upper Mixed Clastics Mbr	18.0	224.6	206.6
Clianthus 1	Grant Gp	Middle Mudstone Mbr	224.6	446.6	222.0
Clianthus 1	Grant Gp	?Lower Sandstone Mbr	446.6	450.0	3.4
Contention Heights 1	Recent		4.6	13.7	9.1
Contention Heights 1	Mesozoic		13.7	87.8	74.1
Contention Heights 1	Noonkanbah Fm		87.8	174.7	86.9
Contention Heights 1	Poole Sandstone		174.7	397.2	222.5
Contention Heights 1	Grant Gp	Member 1	397.2	475.5	78.3
Contention Heights 1	Grant Gp	Member 2	475.5	832.7	357.2
Contention Heights 1	Mellinjerie Limestone		832.7	850.4	17.7
Contention Heights 1	Tandalgoo Sandstone		850.4	911.0	60.7
Contention Heights 1	Carribuddy Gp	Unit A	911.0	1052.2	141.1
Contention Heights 1	Carribuddy Gp	Unit C	1052.2	1279.6	227.4
Contention Heights 1	Carribuddy Gp	Unit (D?) + E	1279.6	1342.6	63.1

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Contention Heights 1	Goldwyer Fm		1342.6	1580.4	237.7
Contention Heights 1	Unnamed	Ordovician Middle Fm	1580.0	1791.0	211.0
Contention Heights 1	Unnamed	Ordovician Lower Fm	1673.4	1790.7	117.3
Corbett 1	Data confidential until 1999	Data confidential until 1999			
Crimson Lake 1	Liveringa Gp		0.0	276.8	276.8
Crimson Lake 1	Noonkanbah Fm	Sandstone	276.8	344.0	67.2
Crimson Lake 1	Noonkanbah Fm	Argillaceous Siltstone	344.0	656.7	312.7
Crimson Lake 1	Poole Sandstone	Sandstone Mbr	656.7	691.4	34.7
Crimson Lake 1	Poole Sandstone	?Nura Nura Mbr	691.4	711.7	20.3
Crimson Lake 1	Carolyn Fm		711.7	961.3	249.6
Crimson Lake 1	Winifred Fm		961.3	1088.4	127.1
Crimson Lake 1	Betty Fm		1088.4	1390.0	301.6
Crimson Lake 1	Grant Gp	Lower Grant Gp 'Pre-Glacial Unit'	1390.0	1471.7	81.7
Crimson Lake 1	Anderson Fm		1471.7	1544.6	72.9
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1544.6	1711.0	166.4
Crimson Lake 1	Laurel Fm	Upper Carbonate Mbr	1711.0	1815.0	104.0
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1815.0	1921.5	106.5
Crimson Lake 1	Laurel Fm	Lower Carbonate Mbr	1921.5	1980.9	59.4
Crossland 1	Recent		0.0	9.1	9.1
Crossland 1	Grant Gp	Dora Shale Mbr Equiv	9.1	152.4	143.3
Crossland 1	Grant Gp	Cuncudgerie Sandstone Mbr Equiv	152.4	301.4	149.0
Crossland 1	Unnamed	Devonian (?) Carbonate Unit	301.4	913.2	611.7
Crossland 2	Recent	Sand	0.0	19.2	19.2
Crossland 2	Tertiary	Noonkanbah Fm	9.1	143.9	134.7
Crossland 2	Poole Sandstone		143.9	207.9	64.0
Crossland 2	Grant Gp	Dora Shale Mbr	207.9	535.2	327.4
Crossland 2	Cuncudgerie Mbr		535.2	659.6	124.4
Crossland 2	Carribuddy Gp	Unit A	659.6	914.0	254.4
Crossland 3	Recent		0.0	9.1	9.1
Crossland 3	Noonkanbah Fm	Noonkanbah Fm/Poole Sandstone	9.1	102.4	93.3
Crossland 3	Grant Gp	Dora Shale Mbr Equiv	102.4	332.2	229.8
Crossland 3	Grant Gp	Cuncudgerie Sandstone Equiv	332.2	477.3	145.1
Crossland 3	Unnamed	Carboniferous-Devonian Carbonate	477.3	915.3	438.0
Cycas 1	Liveringa Gp		0.0	246.0	246.0
Cycas 1	Noonkanbah Fm		246.0	441.0	195.0
Cycas 1	Poole Sandstone		441.0	599.0	158.0
Cycas 1	Nura Nura Mbr		599.0	610.5	11.5
Cycas 1	Grant Gp	Unit C	610.5	876.0	265.5
Cycas 1	Grant Gp	Unit B	876.0	950.0	74.0
Cycas 1	Grant Gp	Unit A	950.0	1703.0	753.0
Cycas 1	Grant Gp	Upper Pre-Glacial Unit	1703.0	2133.0	430.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Cycas 1	Grant Gp	Lower Pre-Glacial Unit	2133.0	2299.0	166.0
Cycas 1	Anderson Fm		2299.0	2813.0	514.0
Cycas 1	Laurel Fm		2813.0	3019.0	206.0
Dampiera 1	Recent	Holocene Aeolian sands	0.0	3.0	3.0
Dampiera 1	Jurassic	?Barbwire Sandstone	3.0	49.0	46.0
Dampiera 1	Grant Gp		49.0	141.0	92.0
Dampiera 1A	Recent	Holocene Aeolian sands	0.0	3.0	3.0
Dampiera 1A	Jurassic	?Barbwire Sandstone	3.0	49.0	46.0
Dampiera 1A	Grant Gp		49.0	378.0	329.0
Dampiera 1A	Fairfield Gp		378.0	452.1	74.1
Dampiera 1A	Nullara Limestone	Nullara Limestone Equivalent	452.1	1117.4	665.4
Dampiera 1A	Devonian	Unnamed Late Devonian Fm	1117.4	1690.1	572.7
Dampiera 1A	Devonian	Unnamed Late Devonian Fm	1690.1	1857.0	166.9
Darriwell 1	Recent	Surface Deposits	4.4	42.4	38.0
Darriwell 1	Broome Sandstone		42.4	116.0	73.6
Darriwell 1	Jarlemal Siltstone		116.0	135.2	19.2
Darriwell 1	Alexander Fm		135.2	166.5	31.3
Darriwell 1	Alexander Fm		166.5	206.0	39.5
Darriwell 1	Wallal Sandstone		206.0	391.3	185.3
Darriwell 1	Grant Gp		391.3	1239.0	847.7
Darriwell 1	Grant Gp	Unit 5B	391.3	490.0	98.7
Darriwell 1	Grant Gp	Unit 5A	490.0	612.0	122.0
Darriwell 1	Grant Gp	Unit 4	612.0	650.1	38.1
Darriwell 1	Grant Gp	Unit 3	650.1	673.2	23.1
Darriwell 1	Grant Gp	Unit 2	673.2	909.0	235.8
Darriwell 1	Grant Gp	Unit 2	909.0	1058.8	149.8
Darriwell 1	Grant Gp	Unit 1	1058.8	1183.0	124.2
Darriwell 1	Grant Gp	Pre-glacial Unit	1183.0	1239.0	56.0
Darriwell 1	Carribuddy Gp		1239.0	1463.4	224.4
Darriwell 1	Nita Fm		1463.4	1574.3	110.9
Darriwell 1	Goldwyer Fm		1574.3	1600.0	25.7
Dodonea 1	Recent		0.0	22.0	22.0
Dodonea 1	Grant Gp		22.0	334.0	312.0
Dodonea 1	Nullara Limestone		334.0	724.0	390.0
Dodonea 1	Pillara Limestone		724.0	924.0	200.0
Dodonea 1	Devonian	Boab Fm	924.0	1015.0	91.0
Dodonea 1	Mellinjerie Limestone		1015.0	1070.0	55.0
Dodonea 1	Dominic Shale		1070.0	1085.0	15.0
Dodonea 1	Tandalgoo Sandstone		1085.0	1246.0	161.0
Dodonea 1	Worral Fm		1246.0	1411.0	165.0
Dodonea 1	Carribuddy Gp		1411.0	1527.0	116.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Dodonea 1	Goldwyer Fm		1527.0	1746.0	219.0
Dodonea 1	Willara Fm		1746.0	1910.0	164.0
Dodonea 1	Nambeet Fm		1910.0	2215.0	305.0
Dodonea 2	Grant Gp		35.0	333.0	298.0
Dodonea 2	Nullara Limestone		333.0	535.0	202.0
Dodonea 2	Pillara Limestone		535.0	820.0	285.0
Dodonea 2	Devonian	Boab Sandstone	820.0	909.0	89.0
Dodonea 2	Devonian	Mirbelia Dolomite	909.0	1056.0	147.0
Dodonea 2	Tandalgoo Sandstone		1056.0	1249.0	193.0
Dodonea 2	Worral Fm		1249.0	1419.0	170.0
Dodonea 2	Carribuddy Gp		1419.0	1586.0	167.0
Dodonea 2	Nita Fm		1586.0	1615.0	29.0
Dodonea 2	Goldwyer Fm		1615.0	1688.0	73.0
Ellendale 1	Liveringa Gp		5.0	268.0	263.0
Ellendale 1	Noonkanbah Fm		268.0	603.0	335.0
Ellendale 1	Poole Sandstone		603.0	646.0	43.0
Ellendale 1	Grant Gp		646.0	1425.0	779.0
Ellendale 1	Grant Gp	Binda Mbr	646.0	1015.0	369.0
Ellendale 1	Grant Gp	Dora Mbr	1015.0	1050.0	35.0
Ellendale 1	Cuncudgerie Mbr		1050.0	1425.0	375.0
Ellendale 1	Anderson Fm		1425.0	1547.0	122.0
Ellendale 1	Laurel Fm		1547.0	2067.0	520.0
Ellendale 1	Fairfield Gp	Carbonate Mbr	2067.0	2705.0	638.0
Ellendale 1	Fairfield Gp	Clastic Mbr	2705.0	3190.0	485.0
Eremophila 3	Grant Gp	Upper Clastics	19.0	158.0	139.0
Eremophila 3	Grant Gp	Middle Mudstone	158.0	194.0	36.0
Eremophila 3	Grant Gp	Lower Sandstone	194.0	297.0	103.0
Eremophila 3	Nullara Limestone		297.0	400.0	103.0
Eremophila 3	Devonian	Eremophila Red Beds	400.0	464.0	64.0
Ficus 1	Recent	Holocene	0.0	8.0	8.0
Ficus 1	Jurassic	Barbwire Sandstone	8.0	67.0	59.0
Ficus 1	Grant Gp		67.0	475.4	408.4
Ficus 1	Fairfield Gp		475.4	610.0	134.6
Ficus 1	Nullara Limestone	Nullara Limestone Equivalent	610.0	1084.0	474.0
Frankenia 1	Recent	Surficial Sands/Weathered	0.0	42.0	42.0
Frankenia 1	Grant Gp		42.0	248.0	206.0
Frankenia 1	Nullara Limestone	?Nullara Limestone	248.0	357.0	109.0
Frankenia 1	Pillara Limestone	?Pillara Limestone	357.0	479.0	122.0
Frankenstein 1	Recent	Unnamed Surficial Deposits	6.7	11.5	4.8
Frankenstein 1	Anketell Sandstone		11.5	27.0	15.5
Frankenstein 1	Callawa Fm		27.0	69.0	42.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Frankenstein 1	Noonkanbah Fm		69.0	282.5	213.5
Frankenstein 1	Poole Sandstone		282.5	356.0	73.5
Frankenstein 1	Grant Gp	Upper Unit 'A'	356.0	465.0	109.0
Frankenstein 1	Grant Gp	Middle Unit 'A'	465.0	516.0	51.0
Frankenstein 1	Grant Gp	Lower Unit 'A'	516.0	687.5	171.5
Frankenstein 1	Grant Gp	Lower Grant Unit '1'	687.5	745.0	57.5
Frankenstein 1	Grant Gp	Lower Grant Unit '2'	745.0	779.0	34.0
Frankenstein 1	Grant Gp	Lower Grant Unit '3'	779.0	804.0	25.0
Frankenstein 1	Grant Gp	Lower Grant Unit '4'	804.0	879.0	75.0
Frankenstein 1	Unnamed	Pre Grant	879.0	925.0	46.0
Frankenstein 1	Tandalgoo Sandstone		925.0	1117.0	192.0
Frankenstein 1	Worral Fm		1117.0	1213.0	96.0
Frankenstein 1	Worral Fm	Unnamed Mbr	1117.0	1153.5	36.5
Frankenstein 1	Worral Fm	Waldecks Mbr	1153.5	1191.0	37.5
Frankenstein 1	Worral Fm	Else Sandstone Mbr	1191.0	1213.0	22.0
Frankenstein 1	Carribuddy Gp		1213.0	2229.0	1016.0
Frankenstein 1	Sahara Fm	Unit '1'	1213.0	1337.5	124.5
Frankenstein 1	Sahara Fm	Unit '2'	1337.5	1383.0	45.5
Frankenstein 1	Sahara Fm	Unit '3'	1383.0	1580.5	197.5
Frankenstein 1	Mallowa Salt	Upper Salt	1580.5	1695.5	115.0
Frankenstein 1	Mallowa Salt	Lower Salt	1695.5	1757.5	62.0
Frankenstein 1	Nibil Fm		1757.5	1802.0	44.5
Frankenstein 1	Minjoo Salt	Unit D	1802.0	1950.4	148.4
Frankenstein 1	Bongabinni Fm	Unit E	1950.4	2229.0	278.6
Frankenstein 1	Nita Fm		2229.0	2273.0	44.0
Frankenstein 1	Goldwyer Fm	Upper Unit	2273.0	2384.5	111.5
Frankenstein 1	Goldwyer Fm	Intra Goldwyer Sandstone	2384.5	2432.5	48.0
Frankenstein 1	Goldwyer Fm	Intra Goldwyer Limestone	2432.5	2460.0	27.5
Frankenstein 1	Goldwyer Fm	Lower Unit	2460.0	2666.0	206.0
Frankenstein 1	Basement	Metasediments	2666.0	2740.5	74.5
Frankenstein 1	Basement	Quartzite & Amphibolite	2740.5	2803.0	62.5
Grant Range 1	Recent	Surface sand	0.0	9.1	9.1
Grant Range 1	Grant Gp	Member A	9.1	1645.9	1636.8
Grant Range 1	Grant Gp	Member B	1645.9	1856.2	210.3
Grant Range 1	Grant Gp	Member C	1856.2	2407.9	551.7
Grant Range 1	Carboniferous	Member D	2407.9	2950.5	542.5
Grant Range 1	Carboniferous	Member E	2950.5	3102.9	152.4
Grant Range 1	Carboniferous	Member F	3102.9	3614.9	512.1
Grant Range 1	Carboniferous	Member G	3614.9	3936.5	321.6
Hoya 1	Unnamed	Holocene-?Jurassic Surficial sand	0.0	39.0	39.0
Hoya 1	Grant Gp		39.0	434.0	395.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Hoya 1	Grant Gp	Upper Mixed Clastics Mbr	39.0	145.9	106.9
Hoya 1	Grant Gp	Middle Mudstone Mbr	145.9	370.3	224.4
Hoya 1	Grant Gp	?Lower sandstone Mbr	370.3	431.6	61.3
Hoya 1	Grant Gp	Basal Polymictic Conglomerate	431.6	434.0	2.3
Hoya 1	Nullara Limestone	Nullara Limestone Equivalent	434.0	450.0	16.1
Jones Range 1	Jurassic	Jurassic (Undiff)	0.0	73.0	73.0
Jones Range 1	Grant Gp	Dora Mbr	73.0	261.0	188.0
Jones Range 1	Grant Gp	Cuncudgerie Mbr	261.0	976.0	715.0
Jones Range 1	Anderson Fm		976.0	1653.0	677.0
Jones Range 1	Laurel Fm		1653.0	2400.0	747.0
Jones Range 1	Luluigui Fm		2400.0	2540.0	140.0
Juno 1	Grant Gp		563.0	1344.0	781.0
Juno 1	Carribuddy Gp		1344.0	1622.0	278.0
Juno 1	Nita Fm		1622.0	1750.0	128.0
Kemp Field 1	Recent		14.0	55.0	41.0
Kemp Field 1	Alexander Fm		16.8	52.7	36.0
Kemp Field 1	Wallal Sandstone		52.7	103.3	50.6
Kemp Field 1	Noonkanbah Fm		103.3	157.9	54.6
Kemp Field 1	Poole Sandstone		157.9	179.2	21.3
Kemp Field 1	Grant Gp	Dora Shale Mbr	179.2	234.7	55.5
Kemp Field 1	Grant Gp	Cuncudgerie Mbr	234.7	434.6	199.9
Kemp Field 1	Grant Gp	Braeside Tillite Mbr	434.6	563.0	128.3
Kemp Field 1	Mellinjerie Limestone		563.0	720.5	157.6
Kemp Field 1	Tandalgoo Sandstone	Unit A. Transition Unit	720.5	831.2	110.6
Kemp Field 1	Tandalgoo Sandstone	Unit B. Upp Sandstone Unit	831.2	977.8	146.6
Kemp Field 1	Tandalgoo Sandstone	Unit C. Shaley Unit	977.8	1006.8	29.0
Kemp Field 1	Tandalgoo Sandstone	Unit D. Lwr Sandstone Unit	1006.8	1115.3	108.5
Kemp Field 1	Carribuddy Gp	Mbr A	1115.3	1181.1	65.8
Kidson 1	Recent	Sediments	5.0	18.3	13.3
Kidson 1	Cretaceous	Lower Cretaceous	18.3	212.4	194.2
Kidson 1	Liveringa Gp		212.4	289.6	77.1
Kidson 1	Noonkanbah Fm		289.6	600.5	310.9
Kidson 1	Poole Sandstone		600.5	735.5	135.0
Kidson 1	Grant Gp	Dora Shale Mbr	735.5	1069.2	333.8
Kidson 1	Grant Gp	Cuncudgerie Sandstone Mbr	1069.2	1477.7	408.4
Kidson 1	Grant Gp	Braeside Tillite Mbr	1477.7	1570.6	93.0
Kidson 1	Mellinjerie Limestone		1570.6	1837.0	266.4
Kidson 1	Tandalgoo Sandstone	Tandalgoo Red Beds	1837.0	2130.0	293.0
Kidson 1	Carribuddy Gp	Unit A	2570.1	2941.3	371.2
Kidson 1	Carribuddy Gp	Unit B	2941.3	3467.7	526.4
Kidson 1	Carribuddy Gp	Unit C	3467.7	3905.1	437.4

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Kidson 1	Carribuddy Gp	Unit D	3905.1	4071.2	166.1
Kidson 1	Carribuddy Gp	Unit E	4071.2	4279.4	208.2
Kidson 1	Goldwyer Fm		4279.4	4412.9	133.5
Kidson 1	Thangoo Limestone	?Thangoo Limestone Equivalent	4412.9	4431.5	18.6
Kilang Kilang 1	Liveringa Gp		10.0	354.5	344.5
Kilang Kilang 1	Noonkanbah Fm		354.5	660.5	306.0
Kilang Kilang 1	Poole Sandstone		660.5	803.3	142.8
Kilang Kilang 1	Grant Gp	Unit C or B	803.3	1204.0	400.7
Kilang Kilang 1	Grant Gp	Unit A	1204.0	1448.0	244.0
Kilang Kilang 1	Anderson Fm	Upper	1448.0	1462.0	14.0
Kilang Kilang 1	Anderson Fm	Lower	1462.0	2300.0	838.0
Kora 1	Erskine Sandstone		5.0	40.0	35.0
Kora 1	Blina Shale		40.0	502.0	462.0
Kora 1	Liveringa Gp		502.0	652.0	150.0
Kora 1	Noonkanbah Fm		652.0	998.0	346.0
Kora 1	Poole Sandstone		998.0	1098.0	100.0
Kora 1	Grant Gp		1098.0	1918.0	820.0
Kora 1	Grant Gp	Lwr Grant Gp	1581.0	1918.0	337.0
Kora 1	Anderson Fm		1918.0	2283.0	365.0
Kora 1	Laurel Fm		2283.0	2568.0	285.0
Kora 1	Nullara Limestone		2568.0	3000.0	432.0
Kora 1	Napier Fm		3000.0	3100.0	100.0
Kunzea 1	Recent	Weathered Surface Fm	0.0	29.4	29.4
Kunzea 1	Grant Gp		29.4	261.5	232.1
Kunzea 1	Carribuddy Gp		261.5	292.3	30.8
Kunzea 1	Nita Fm		292.3	350.0	57.7
Kunzea 1	Goldwyer Fm		350.0	450.0	100.0
Lake Betty 1	Liveringa Gp		0.0	378.0	378.0
Lake Betty 1	Noonkanbah Fm		378.0	678.2	300.2
Lake Betty 1	Poole Sandstone		678.2	764.4	86.3
Lake Betty 1	Grant Gp		764.4	1656.9	892.5
Lake Betty 1	Laurel Fm		1656.9	2579.5	922.6
Lake Betty 1	Luluigui Fm		2579.5	3078.5	499.0
Lake Betty 1	Poulton Fm		3078.5	3145.8	67.3
Lloyd 1	Erskine Sandstone		5.0	97.0	92.0
Lloyd 1	Blina Shale		97.0	355.0	258.0
Lloyd 1	Liveringa Gp		355.0	533.0	178.0
Lloyd 1	Noonkanbah Fm		533.0	823.5	290.5
Lloyd 1	Poole Sandstone		823.5	874.0	50.5
Lloyd 1	Nura Nura Mbr		874.0	927.0	53.0
Lloyd 1	Grant Gp		927.0	1433.0	506.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Lloyd 1	Anderson Fm		1433.0	1686.0	253.0
Lloyd 1	Laurel Fm		1686.0	1877.0	191.0
Lloyd 1	Yellow Drum Fm		1877.0	2000.0	123.0
Mangaloo 1	Soil		0.0	105.0	105.0
Mangaloo 1	Noonkanbah Fm		105.0	126.0	21.0
Mangaloo 1	Poole Sandstone		126.0	255.0	129.0
Mangaloo 1	Nura Nura Mbr		255.0	298.0	43.0
Mangaloo 1	Grant Gp	C Mbr	298.0	483.0	185.0
Mangaloo 1	Grant Gp	B mbr	483.0	517.0	34.0
Mangaloo 1	Grant Gp	A Mbr	517.0	794.0	277.0
Mangaloo 1	Fairfield Gp	Upper Fairfield Gp	794.0	915.0	121.0
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	915.0	1621.0	706.0
Mangaloo 1	Clanmeyer Siltstone		1621.0	2421.0	800.0
Mangaloo 1	Virgin Hills Fm		2421.0	3000.0	579.0
Mangaloo 1	Pillara Limestone		3000.0	3100.0	100.0
McLarty 1	Alexander Fm		4.3	23.5	19.2
McLarty 1	Wallal Sandstone		23.5	125.6	102.1
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite+C714	125.6	452.0	326.4
McLarty 1	Carribuddy Gp	Units A, B, C, D, E	452.0	1687.4	1235.4
McLarty 1	Goldwyer Fm	Mbrs I, II, III	1687.4	2060.4	373.1
McLarty 1	Thangoo Limestone	Mbrs I, II, III	2060.4	2340.6	280.1
McLarty 1	Unnamed	Unnamed Sandstone Fm - Ordovician	2340.6	2590.8	250.2
Meda 1	Recent	Alluvium	0.0	18.0	18.0
Meda 1	Blina Shale		18.0	218.0	200.0
Meda 1	Liveringa Gp		218.0	397.0	179.0
Meda 1	Noonkanbah Fm		397.0	678.0	281.0
Meda 1	Poole Sandstone		678.0	708.0	30.0
Meda 1	Poole Sandstone	Nura Nura Mbr	708.0	740.0	32.0
Meda 1	Grant Gp	Binda Mbr	740.0	986.0	246.0
Meda 1	Grant Gp	Dora Mbr	986.0	1068.0	82.0
Meda 1	Grant Gp	Cuncudgerie Mbr	1068.0	1218.0	150.0
Meda 1	Anderson Fm	Lower	1218.0	1506.0	288.0
Meda 1	Laurel Fm		1506.0	1626.0	120.0
Meda 1	Fairfield Gp		1626.0	1680.0	54.0
Meda 1	Nullara Limestone		1680.0	1992.0	312.0
Meda 1	Napier Fm		1992.0	2205.0	213.0
Meda 1	Devonian	Van Emmerick Fm Equiv	2205.0	2317.0	112.0
Meda 1	Pillara Limestone		2317.0	2548.0	231.0
Meda 1	Poulton Fm		2548.0	2641.0	93.0
Meda 1	PreCambrian	Basement	2641.0	2685.0	44.0
Melaleuca 1	Recent	Surficial	0.0	22.0	22.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Melaleuca 1	Grant Gp	Upper Mixed Clastics Mbr	22.0	330.0	308.0
Melaleuca 1	Grant Gp	Middle Mudstone Mbr	330.0	361.7	31.7
Melaleuca 1	Grant Gp	Lower Sandstone Mbr	361.7	450.0	88.3
Mirbelia 1	Recent	Surficial and weathered	0.0	38.0	38.0
Mirbelia 1	Grant Gp		38.0	309.0	271.0
Mirbelia 1	Nullara Limestone		309.0	1487.5	1178.5
Mirbelia 1	Pillara Limestone		1487.5	1623.8	136.3
Mirbelia 1	Devonian	Boab Fm	1623.8	1807.5	183.7
Mirbelia 1	Mellinjerie Limestone		1807.5	1942.5	135.0
Mirbelia 1	Dominic Shale		1942.5	1958.3	15.8
Mirbelia 1	Tandalgoo Sandstone		1958.3	2156.0	197.7
Mirbelia 1	Worral Fm	Waldecks Mbr	2156.0	2255.0	99.0
Mirbelia 1	Worral Fm	Elsa Sandstone Mbr	2255.0	2294.0	39.0
Mirbelia 1	Carribuddy Gp		2294.0	2670.0	376.0
Mirbelia 2	Recent	Surficial Sands	0.0	15.5	15.5
Mirbelia 2	Grant Gp		15.5	301.0	285.5
Mirbelia 2	Nullara Limestone	Nullara Limestone Equivalent	301.0	1483.0	1182.0
Mirbelia 2	Pillara Limestone	Pillara Limestone Equivalent	1483.0	1623.0	140.0
Mirbelia 2	Devonian	Boab Sandstone	1623.0	1792.0	169.0
Mirbelia 2	Devonian	Boab Sandstone (Beagle Bay Mbr)	1792.0	1807.0	15.0
Mirbelia 2	Devonian	Mirbelia Dolomite	1807.0	1935.0	128.0
Mirbelia 2	Dominic Shale		1935.0	1966.0	31.0
Mirbelia 2	Tandalgoo Sandstone		1966.0	2150.0	184.0
Mirbelia 2	Worral Fm	Waldecks Mbr	2150.0	2249.0	99.0
Mirbelia 2	Worral Fm	Elsa Sandstone Mbr	2249.0	2272.0	23.0
Mirbelia 2	Worral Fm	Lower Carbonate Mbr	2272.0	2289.0	17.0
Mirbelia 2	Carribuddy Gp		2289.0	2547.0	258.0
Mirbelia 2	Nibil Fm		2289.0	2324.0	35.0
Mirbelia 2	Troy Fm		2324.0	2547.0	223.0
Mirbelia 2	Nambeet Fm		2547.0	2818.6	271.6
Munda 1	Broome Sandstone		2.7	110.0	107.3
Munda 1	Jarlemai Siltstone		110.0	244.0	134.0
Munda 1	Wallal Sandstone		243.8	426.0	182.2
Munda 1	Grant Gp	Dora Mbr	410.9	589.0	178.1
Munda 1	Grant Gp	Cuncudgerie Mbr	588.9	800.0	211.1
Munda 1	Carribuddy Gp	Unit A	800.4	1013.0	212.6
Munda 1	Carribuddy Gp	Unit B	1012.5	1067.0	54.5
Munro 1	Jurassic	Undifferentiated Jurassic	4.6	88.4	83.8
Munro 1	Wallal Sandstone		88.4	490.7	402.3
Munro 1	Grant Gp	Dora Shale Mbr	490.7	1040.9	550.2
Munro 1	Grant Gp	Cuncudgerie Mbr	1040.9	1171.7	130.8

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Munro 1	Carribuddy Gp		1171.7	1495.3	323.7
Munro 1	Nita Fm		1495.3	1583.7	88.4
Munro 1	Goldwyer Fm		1583.7	1802.3	218.5
Munro 1	Willara Fm		1802.3	2105.9	303.6
Munro 1	Basement		2105.9	2115.6	9.8
Musca 1	Wallal Sandstone	and younger units	5.0	504.8	499.8
Musca 1	Grant Gp	Unit B	504.8	628.5	123.7
Musca 1	Grant Gp	Unit A	628.5	913.8	285.3
Musca 1	Carribuddy Gp	Unit A	913.8	1041.9	128.1
Musca 1	Carribuddy Gp	Unit B	1041.9	1192.4	150.5
Musca 1	Carribuddy Gp	Unit C	1192.4	1323.5	131.1
Musca 1	Carribuddy Gp	Unit D	1323.5	1430.8	107.3
Musca 1	Nita Fm		1430.8	1506.2	75.4
Musca 1	Goldwyer Fm		1506.2	1535.0	28.8
Ngalti 1	Recent	Recent/Tertiary	6.5	75.0	68.5
Ngalti 1	Liveringa Gp		75.0	112.0	37.0
Ngalti 1	Noonkanbah Fm		112.0	178.0	66.0
Ngalti 1	Poole Sandstone		178.0	279.5	101.5
Ngalti 1	Grant Gp		279.5	796.0	516.5
Ngalti 1	Fairfield Gp	Basal	796.0	1067.0	271.0
Ngalti 1	Knobby Sandstone	Upper	1067.0	1701.0	634.0
Ngalti 1	Knobby Sandstone	Middle	1701.0	2180.0	479.0
Ngalti 1	Knobby Sandstone	Lower	2180.0	2579.0	399.0
Ngalti 1	Lennard River Gp	Transition Zone	2579.0	2705.0	126.0
Ngalti 1	Lennard River Gp		2705.0	2758.0	53.0
Olios 1	Lightjack Fm		0.0	61.0	61.0
Olios 1	Noonkanbah Fm		61.0	271.0	210.0
Olios 1	Poole Sandstone		271.0	306.0	35.0
Olios 1	Grant Gp		306.0	815.0	509.0
Olios 1	Laurel Fm	Upper	815.0	1131.0	316.0
Olios 1	Laurel Fm	Limestone	1131.0	1431.0	300.0
Olios 1	Yellow Drum Fm		1431.0	1468.0	37.0
Olios 1	Gumhole Fm		1468.0	1560.0	92.0
Olios 1	Knobby Sandstone		1560.0	1962.0	402.0
Pandanus 1	No data available	No data available			
Pandorea 1	Recent	Surficial	5.0	12.0	7.0
Pandorea 1	Grant Gp	Weathered formations	12.0	30.0	18.0
Pandorea 1	Grant Gp	Upper Mixed Clastics Mbr	30.0	175.0	145.0
Pandorea 1	Grant Gp	Middle Mudstone Mbr	175.0	240.0	65.0
Pandorea 1	Grant Gp	Lower Sandstone	240.0	387.0	147.0
Pandorea 1	Fairfield Gp		387.0	446.0	59.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Pandorea 1	Nullara Limestone	Upper	446.0	659.0	213.0
Pandorea 1	Devonian	Eremophila Red Beds	659.0	1125.0	466.0
Pandorea 1	Nullara Limestone	Lower	1125.0	1485.0	360.0
Pandorea 1	Pillara Limestone	Upper	1485.0	1542.0	57.0
Pandorea 1	Pillara Limestone	Middle	1542.0	1706.0	164.0
Pandorea 1	Pillara Limestone	Lower	1706.0	1895.0	189.0
Pandorea 1	Devonian	Boab Fm	1895.0	2067.0	172.0
Pandorea 1	Beagle Bay Mbr		2067.0	2105.0	38.0
Pandorea 1	Melligo Sandstone	Melligo Limestone	2105.0	2203.0	98.0
Pandorea 1	Dominic Shale		2203.0	2228.0	25.0
Pandorea 1	Tandalgo Sandstone		2228.0	2274.0	46.0
Patience 1	Broome Sandstone		6.0	200.0	194.0
Patience 1	Jarlemai Siltstone		200.0	222.0	22.0
Patience 1	Alexander Fm		222.0	245.5	23.5
Patience 1	Wallal Sandstone		245.5	278.0	32.5
Patience 1	Liveringa Gp		278.0	392.0	114.0
Patience 1	Noonkanbah Fm		392.0	578.0	186.0
Patience 1	Poole Sandstone		578.0	772.0	194.0
Patience 1	Grant Gp		772.0	1335.0	563.0
Patience 1	Mellinjerie Limestone		1335.0	1626.0	291.0
Patience 1	Tandalgo Sandstone		1626.0	1766.0	140.0
Patience 1	Carribuddy Gp		1766.0	1869.0	103.0
Pegasus 1	Wallal Sandstone		0.0	85.0	85.0
Pegasus 1	Grant Gp		85.0	410.0	325.0
Pegasus 1	Mellinjerie Limestone		410.0	615.0	205.0
Pegasus 1	Tandalgo Sandstone		615.0	1090.0	475.0
Pegasus 1	Carribuddy Gp		1090.0	2290.0	1200.0
Pegasus 1	Carrandibby Fm	Halite Mbr	1395.0	2055.0	660.0
Pegasus 1	Carrandibby Fm		2055.0	2290.0	235.0
Pegasus 1	Nita Fm		2290.0	2385.0	95.0
Pegasus 1	Goldwyer Fm		2385.0	2630.0	245.0
Pegasus 1	Willara Fm		2630.0	2920.0	290.0
Pegasus 1	Nambeet Fm		2920.0	2995.0	75.0
Percival 1	Grant Gp		5.0	448.0	443.0
Percival 1	Fairfield Gp		448.0	487.0	39.0
Percival 1	Nullara Limestone	Equivalent	487.0	922.0	435.0
Percival 1	Pillara Limestone	Equivalent	922.0	1167.0	245.0
Percival 1	Boab Fm		1167.0	1377.0	210.0
Percival 1	Mellinjerie Limestone		1377.0	1412.0	35.0
Percival 1	Dominic Shale		1412.0	1430.0	18.0
Percival 1	Tandalgo Sandstone		1430.0	1752.0	322.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Percival 1	Worral Fm		1752.0	1868.0	116.0
Percival 1	Carribuddy Gp		1868.0	2013.0	145.0
Percival 1	Nita Fm		2013.0	2033.0	20.0
Percival 1	Goldwyer Fm		2033.0	2186.0	153.0
Percival 1	Willara Fm		2186.0	2229.0	43.0
Percival 1	Nambeet Fm		2229.0	2448.0	219.0
Point Moody 1	Quaternary		4.0	12.2	8.2
Point Moody 1	Noonkanbah Fm		12.2	347.5	335.3
Point Moody 1	Poole Sandstone		347.5	659.3	311.8
Point Moody 1	Grant Gp		659.3	1972.7	1313.4
Point Moody 1	Anderson Fm		1972.7	2441.1	468.5
Point Torment 1	Data confidential until 1998	Data confidential until 1998			
Point Torment 1 1994 Deepening	Data confidential until 1999	Data confidential until 1999			
Poole Range 3	Grant Gp		0.0	995.0	995.0
Poole Range 5	Quaternary		0.0	1.0	1.0
Poole Range 5	Grant Gp		1.0	471.0	470.0
Sahara 1	Recent		4.9	12.2	7.3
Sahara 1	Mesozoic		12.2	59.4	47.2
Sahara 1	Noonkanbah Fm		59.4	286.5	227.1
Sahara 1	Poole Sandstone		286.5	361.8	75.3
Sahara 1	Nura Nura Mbr		337.4	361.8	24.4
Sahara 1	Grant Gp	Dora Shale Mbr	361.8	687.3	325.5
Sahara 1	Grant Gp	Cuncudgerie Sandstone Mbr	687.3	871.1	183.8
Sahara 1	Grant Gp	Braeside Tillite Mbr	871.1	931.2	60.0
Sahara 1	Mellinjerie Limestone		931.2	1127.8	196.6
Sahara 1	Tandalgoo Sandstone	Transition Unit A	1127.8	1199.4	71.6
Sahara 1	Tandalgoo Sandstone	Red Sandstone Unit B	1199.4	1359.4	160.0
Sahara 1	Tandalgoo Sandstone	Shaley Unit C	1359.4	1417.3	57.9
Sahara 1	Tandalgoo Sandstone	Red Sandstone Unit D	1417.3	1726.7	309.4
Sahara 1	Carribuddy Gp	Spotted Shale Unit A	1726.7	2033.0	306.3
Sahara 1	Carribuddy Gp	Interbedded Evaporite Unit B	2033.0	2120.2	87.2
Samphire Marsh 1	Bossut Fm		8.2	40.8	32.6
Samphire Marsh 1	Broome Sandstone		40.8	170.4	129.5
Samphire Marsh 1	Jarlemai Siltstone		170.4	262.1	91.7
Samphire Marsh 1	Alexander Fm		262.1	354.2	92.0
Samphire Marsh 1	Wallal Sandstone		354.2	688.2	334.1
Samphire Marsh 1	Grant Gp		688.2	1240.2	552.0
Samphire Marsh 1	Nambeet Fm		1240.2	2014.7	774.5
Samphire Marsh 1	PreCambrian		2014.7	2031.2	16.5
Santalum 1	Quaternary	Surficial deposits	0.0	6.0	6.0
Santalum 1	Grant Gp		6.0	321.0	315.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Santalum 1A	Quaternary	Surficial deposits	0.0	6.0	6.0
Santalum 1A	Grant Gp		6.0	321.0	315.0
Santalum 1A	Carribuddy Gp		321.0	406.0	85.0
Santalum 1A	Nita Fm		406.0	441.0	35.0
Santalum 1A	Goldwyer Fm		441.0	629.2	188.2
South Auld 1	Mesozoic	And surficial deposits	3.0	78.0	75.0
South Auld 1	Noonkanbah Fm		78.0	147.0	69.0
South Auld 1	Poole Sandstone		147.0	223.0	76.0
South Auld 1	Grant Gp	Unit C	223.0	286.0	63.0
South Auld 1	Grant Gp	Unit B	286.0	573.0	287.0
South Auld 1	Grant Gp	Unit A Multicoloured Unit	573.0	688.0	115.0
South Auld 1	Grant Gp	Basal Sandstone Unit	688.0	803.0	115.0
South Auld 1	Tandalgoo Sandstone		803.0	857.0	54.0
St George Range 1	Grant Gp		5.5	1517.9	1512.4
St George Range 1	Carboniferous	St George Fm (WAPET)	1517.9	2487.2	969.3
St George Range 1	Anderson Fm		2487.2	2883.4	396.2
St George Range 1	Laurel Fm		2883.4	4437.3	1553.9
Stansmore Range 1	No data available	No data available			
Stansmore Range 2	No data available	No data available			
Stansmore Range 3	No data available	No data available			
Stansmore Range 4	No data available	No data available			
Stansmore Range 5	No data available	No data available			
Sundown 1	Blina Shale		20.0	230.0	210.0
Sundown 1	Liveringa Gp		230.0	449.0	219.0
Sundown 1	Noonkanbah Fm		449.0	745.5	296.5
Sundown 1	Poole Sandstone	Upper Mbr	745.5	831.5	86.0
Sundown 1	Poole Sandstone	Nura Nura Mbr	831.5	859.0	27.5
Sundown 1	Grant Gp	Unit A	859.0	973.0	114.0
Sundown 1	Grant Gp	Unit B	973.0	1173.0	200.0
Sundown 1	Grant Gp	Unit C	1173.0	1451.5	278.5
Sundown 1	Anderson Fm		1451.5	1796.0	344.5
Sundown 1	Laurel Fm	Upper Mbr	1796.0	1902.0	106.0
Sundown 1	Laurel Fm	Lower Mbr	1902.0	1958.5	56.5
Sundown 1	Laurel Fm	Lower Laurel Shale	1958.5	1982.0	23.5
Sundown 1	Unnamed	Undifferentiated Carbonates	1982.0	2736.0	754.0
Tandalgoo 1	Recent	Undifferentiated	0.0	33.5	33.5
Tandalgoo 2	Mesozoic	Undiff Mesozoic	0.0	54.9	54.9
Tandalgoo 2	Noonkanbah Fm	Equivalent	54.9	152.0	97.1
Tandalgoo 3	Mesozoic	Undiff	0.0	109.7	109.7
Tandalgoo 3	Noonkanbah Fm	Noonkanbah Fm Equiv	109.7	125.0	15.2
Terrace 1	Erskine Sandstone		17.0	88.0	71.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Terrace 1	Blina Shale		88.0	360.0	272.0
Terrace 1	Liveringa Gp		360.0	542.0	182.0
Terrace 1	Noonkanbah Fm		542.0	827.0	285.0
Terrace 1	Poole Sandstone	Upper Mbr	827.0	877.0	50.0
Terrace 1	Poole Sandstone	Nura Nura Mbr	877.0	931.0	54.0
Terrace 1	Grant Gp		931.0	1535.0	604.0
Terrace 1	Anderson Fm		1535.0	1689.0	154.0
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	1689.0	1865.0	176.0
Terrace 1	Yellow Drum Fm		1865.0	1915.0	50.0
Terrace 1	Gumhole Fm	Upper Mbr	1915.0	2049.0	134.0
Terrace 1	Gumhole Fm	May River Mbr	2049.0	2060.0	11.0
Terrace 1	Nullara Limestone		2060.0	2218.0	158.0
Terrace 1	Devonian	Frasnian sediments	2218.0	2389.0	171.0
Triodia 1	Recent	Surficial sands	0.0	17.0	17.0
Triodia 1	Grant Gp		17.0	195.9	178.9
Triodia 1	Nullara Limestone	?Nullara Limestone Equivalent	195.9	280.4	84.5
Triodia 1	Devonian	Eremophila Red Beds	280.4	402.4	122.0
Triodia 1	Pillara Limestone	?Pillara Limestone Equivalent	402.4	631.0	228.6
Vela 1	Wallal Sandstone		0.0	302.2	302.2
Vela 1	Grant Gp	Unit B	302.2	384.6	82.4
Vela 1	Grant Gp	Unit A	384.6	659.4	274.8
Vela 1	Tandalgoosie Sandstone		659.4	691.0	31.6
Vela 1	Carribuddy Gp	Unit A	691.0	960.8	269.8
Vela 1	Carribuddy Gp	Unit B	960.8	1455.5	494.7
Vela 1	Carribuddy Gp	Unit C	1455.5	1622.7	167.2
Vela 1	Carribuddy Gp	Unit D	1622.7	1762.0	139.3
Vela 1	Nita Fm		1762.0	1859.1	97.1
Vela 1	Goldwyer Fm		1859.1	1908.6	49.5
West Kora 1	Erskine Sandstone		6.0	40.0	34.0
West Kora 1	Blina Shale		40.0	480.0	440.0
West Kora 1	Liveringa Gp		480.0	625.0	145.0
West Kora 1	Noonkanbah Fm		625.0	977.0	352.0
West Kora 1	Poole Sandstone		977.0	1024.0	47.0
West Kora 1	Grant Gp		1024.0	1557.0	533.0
West Kora 1	Anderson Fm		1557.0	2252.0	695.0
West Kora 1	Laurel Fm		2252.0	2455.0	203.0
West Kora 1	Fairfield Gp	Lower	2455.0	2534.0	79.0
West Kora 1	Nullara Limestone		2534.0	2606.0	72.0
West Terrace 1	Erskine Sandstone		17.0	103.5	86.5
West Terrace 1	Blina Shale		103.5	362.0	258.5
West Terrace 1	Liveringa Gp		362.0	541.0	179.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
West Terrace 1	Noonkanbah Fm		541.0	834.0	293.0
West Terrace 1	Poole Sandstone	Upper Mbr	834.0	884.0	50.0
West Terrace 1	Poole Sandstone	Nura Nura Nbr	884.0	937.5	53.5
West Terrace 1	Grant Gp		937.5	1041.5	104.0
West Terrace 1	Grant Gp	Base Channel	1041.5	1250.0	208.5
White Hills 1	Poole Sandstone		14.0	190.0	176.0
White Hills 1	Grant Gp		190.0	998.0	808.0
White Hills 1	Anderson Fm		998.0	1090.0	92.0
White Hills 1	Fairfield Gp		1090.0	2125.0	1035.0
White Hills 1	Luluigui Fm		2125.0	4148.0	2023.0
Willara 1	Quaternary	Sands & Lateritized sed	0.0	4.9	4.9
Willara 1	Broome Sandstone		21.3	152.4	131.1
Willara 1	Jarlemai Siltstone		152.4	215.2	62.8
Willara 1	Alexander Fm		215.2	295.0	79.9
Willara 1	Wallal Sandstone		295.0	513.3	218.2
Willara 1	Grant Gp		513.3	1255.2	741.9
Willara 1	Unnamed	Pre Permian Evaporite Sequence	1255.2	1873.9	618.7
Willara 1	Goldwyer Fm		1873.9	2610.0	736.1
Willara 1	Thangoo Limestone		2610.0	3141.9	531.9
Willara 1	Nambeet Fm	?Nambeet Fm	3141.9	3903.3	761.4
Wilson Cliffs 1	Tertiary	Laterite (Wave Hill)	0.0	12.2	12.2
Wilson Cliffs 1	Mesozoic	?Mesozoic	12.2	181.4	169.2
Wilson Cliffs 1	Noonkanbah Fm		181.4	373.4	192.0
Wilson Cliffs 1	Poole Sandstone		373.4	579.1	205.7
Wilson Cliffs 1	Grant Gp	Mbr 1	579.1	640.1	61.0
Wilson Cliffs 1	Grant Gp	Mbr 2	640.1	966.8	326.7
Wilson Cliffs 1	Mellinjerie Limestone	Mbr 1	966.8	1009.2	42.4
Wilson Cliffs 1	Mellinjerie Limestone	Mbr 2	1009.2	1094.2	85.0
Wilson Cliffs 1	Tandalgoo Sandstone		1094.2	1778.5	684.3
Wilson Cliffs 1	Carribuddy Gp	Unit A	1778.5	2029.4	250.9
Wilson Cliffs 1	Carribuddy Gp	Unit C	2029.4	2368.3	338.9
Wilson Cliffs 1	Carribuddy Gp	Unit D	2368.3	2496.3	128.0
Wilson Cliffs 1	Carribuddy Gp	Unit E	2496.3	2532.9	36.6
Wilson Cliffs 1	Goldwyer Fm		2532.9	2847.4	314.6
Wilson Cliffs 1	Ordovician	Middle Ordovician — Middle Fm	2847.4	2963.3	115.8
Wilson Cliffs 1	Ordovician	Lwr to Middle Ordovician — Lower Fm	2963.3	3503.4	540.1
Wilson Cliffs 1	Unnamed	Ferruginous Shale Beds	3503.4	3580.2	76.8
Wilson Cliffs 1	PreCambrian	Carbonaceous Shale Beds	3580.2	3722.2	142.0
Woods Hills 1	Broome Sandstone		15.0	157.0	142.0
Woods Hills 1	Jarlemai Siltstone		157.0	255.0	98.0
Woods Hills 1	Wallal Sandstone		255.0	448.0	193.0

Appendix 2 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Bottom depth (m)</i>	<i>Thickness (m)</i>
Woods Hills 1	Grant Gp		448.0	1081.0	633.0
Woods Hills 1	Carribuddy Gp		1081.0	1319.0	238.0
Woods Hills 1	Nita Fm		1319.0	1419.0	100.0
Woods Hills 1	Goldwyer Fm		1419.0	1832.0	413.0
Woods Hills 1	Willara Fm		1832.0	1978.0	146.0
Yulleroo 1	Broome Sandstone		6.1	65.8	59.7
Yulleroo 1	Jarlemai Siltstone		65.8	266.4	200.6
Yulleroo 1	Alexander Fm		266.4	286.5	20.1
Yulleroo 1	Wallal Sandstone		286.5	442.6	156.1
Yulleroo 1	Grant Gp		442.6	620.6	178.0
Yulleroo 1	Carboniferous	Unit A	620.6	1060.1	439.5
Yulleroo 1	Carboniferous	Unit B	1060.1	1870.9	810.8
Yulleroo 1	Carboniferous	Unit C	1870.9	3849.6	1978.8
Yulleroo 1	Devonian		3849.6	4572.3	722.7

NOTES: Gp = Group; Fm = Formation; hor = horizon; Mbr = Member; Upp = Upper; Lwr = Lower; Equiv = Equivalent; Ls = Limestone; WAPET = West Australian Petroleum Pty Ltd; Undiff = Undifferentiated; Sh = Shale; Carb = Carbonate; Seds = Sediments

Appendix 3

Wireline log depths

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Acacia 1	1	1	SP-RES-GR (GR TO SURFACE)	441.5	536.0	16-09-81
Acacia 1	1	2	VELOCITY	16.0	493.0	17-09-81
Acacia 2	1	1	DLL-GR	189.0	706.0	15-06-82
Acacia 2	1	2	BHCS	189.0	706.0	15-06-82
Acacia 2	2	1	DLL-MSFL-GR	704.0	1575.0	7-07-82
Acacia 2	2	2	LDL-CNL	704.0	1575.0	7-07-82
Acacia 2	2	3	BHCS	626.6	1575.0	7-07-82
Acacia 2	2	4	HDT	704.0	1575.0	7-07-82
Acacia 2	2	6	HIGH RES CDM	704.0	1574.0	7-07-82
Acacia 2	2	7	VELOCITY	250.0	1570.0	7-07-82
Acacia 2	2	8	CST	1097.0	1486.0	8-07-82
Aristida 1A	1	1	SP-LL(LONG & SHORT)-TEMP	0.0	200.0	30-10-83
Aristida 1A	1	2	SONIC-GR-CAL	0.0	200.0	30-10-83
Aristida 1A	1	3	GR-NEUTRON-DENSITY-CAL	0.0	200.0	30-10-83
Aristida 1A	2	1	GR-SONIC-CAL	170.0	210.0	2-11-83
Aristida 1A	3	1	SP-LL(LONG & SHORT)-TEMP	180.0	740.0	19-11-83
Aristida 1A	3	2	SONIC-GR-CAL	180.0	740.0	19-11-83
Aristida 1A	3	3	GR-NEUTRON-DENSITY-CAL	180.0	740.0	19-11-83
Aristida 1A	3	4	VELOCITY	0.0	729.0	18-11-83
Atrax 1	1	1	DLL-MSFL-GR-SP-CAL	402.5	782.0	13-07-84
Atrax 1	1	2	LDL-CNL-GR-CAL	15.0	785.0	13-07-84
Atrax 1	1	3	BHC-GR	402.5	784.0	13-07-84
Atrax 1	1	4	HDT-CYBERDIP	402.5	786.0	13-07-84
Atrax 1	1	5	CST-GR	408.0	761.7	14-07-84
Atrax 1	1	6	WSS	120.0	784.0	14-07-84
Auld 1	1	1	DLL-MSFL-GR-SP	177.5	812.0	29-04-85
Auld 1	1	2	BHC-GR	177.5	815.0	29-04-85
Auld 1	1	3	LDL-CNL-GR	177.5	816.0	29-04-85
Auld 1	1	4	HDT	177.5	816.0	29-04-85
Auld 1	1	5	CST	177.5	816.0	29-04-85
Auld 1	1	6	WST	77.0	816.0	30-04-85
Barbwire 1	1	1	IES	81.1	459.9	25-06-72
Barbwire 1	1	2	BSGR-CAL (GR TO 7.9M)	81.1	457.2	25-06-72
Barbwire 1	1	3	CST	128.6	456.0	25-06-72
Barbwire 1	2	1	IES	459.6	1072.6	6-07-72
Barbwire 1	2	2	BHS-CAL	459.6	1069.8	6-07-72
Barbwire 1	2	3	FDC-GR (GR TO 399.29M)	460.2	1071.4	6-07-72
Barbwire 1	2	4	CST	463.3	1051.6	6-07-72

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Barbwire 1	2	5	CST	461.5	467.0	6-07-72
Barbwire 1	2	6	VELOCITY	143.0	1066.8	6-07-72
Bindi 1	1	1	DLL-MSFL-GR-SP-CAL-(GR TO 20M)	223.0	846.0	14-07-84
Bindi 1	1	2	BHC-GR-CAL	223.0	846.0	14-07-84
Bindi 1	2	1	DLL-MSFL-GR-SP-CAL	852.0	2499.5	7-08-84
Bindi 1	2	2	LDL-CNL-GR	852.0	2503.3	7-08-84
Bindi 1	2	3	BHC-GR-CAL	852.0	2499.5	7-08-84
Bindi 1	2	4	CST	859.2	2481.4	8-08-84
Bindi 1	2	5	WSS	37.0	2485.0	8-08-84
Blina 1	1	1	DLL-SP-GR-MSFL	213.5	1254.5	7-05-81
Blina 1	1	2	FDC-GR-CNL	213.5	1254.5	7-05-81
Blina 1	1	3	BHC SONIC-GR (GR TO 30M)	213.5	1252.5	7-05-81
Blina 1	10	1	PCT-CCL	1438.0	1484.0	3-12-81
Blina 1	2	1	DLL-MSFL	1100.0	1256.0	11-05-81
Blina 1	3	1	DLL-SP-GR-MSFL	1257.0	2500.0	8-06-81
Blina 1	3	10	SWC	1260.0	2483.8	14-06-81
Blina 1	3	2	LDL-GR-CNL	1257.0	2500.0	9-06-81
Blina 1	3	3	ISF	1257.0	2499.0	9-06-81
Blina 1	3	4	BHC SONIC-GR (GR TO 30M)	213.5	1252.5	9-06-81
Blina 1	3	5	WAVE FORM TAPING	1257.0	2793.0	9-06-81
Blina 1	3	6	HDT DIPMETER	1257.0	2500.0	9-06-81
Blina 1	3	7	VELOCITY	63.0	2495.0	10-06-81
Blina 1	3	8	HP PRESSURES	1377.0	2484.0	10-06-81
Blina 1	3	9	RFT PRESSURES	1377.0	2484.0	10-06-81
Blina 1	4	1	FRACTURE IDENTIFICATION LOG	1257.0	2500.0	16-06-81
Blina 1	5	1	RFT	1170.0	1244.5	11-07-81
Blina 1	6	1	CBL-WF-VDL	655.0	1819.5	19-07-81
Blina 1	6	2	BOND INDEX QUICK LOOK	1296.0	1816.0	18-07-81
Blina 1	7	1	PERFD AND GR CONTROL	43.0	1539.0	12-08-81
Blina 1	8	1	PERFD 4" GUN AND GR CONTROL	1344.0	1485.0	27-08-81
Blina 1	9	1	PRODUCTION LOGS	1438.0	1482.0	4-09-81
Blina 1	9	2	TDT	1420.0	1484.0	4-09-81
Boab 1	1	1	VELOCITY	64.0	1025.0	23-10-81
Boab 1	1	2	GR-SP-RES	638.0	1025.0	24-10-81
Boundary 1	1	1	DLL-MSFL-GR-SP-CAL	212.0	1667.8	16-08-90
Boundary 1	1	2	BCS-GR-CAL	5.6	1667.8	16-08-90
Boundary 1	1	3	CDL-CNS-CAL-GR	877.5	1668.8	16-08-90
Boundary 1	1	4	VELOCITY	45.9	1650.0	16-08-90
Boundary 1	1	5	FED-GR	1195.1	1668.8	17-08-90
Boundary 1	1	6	SWC	948.0	1630.0	17-08-90
Calamia 1	1	1	BCS-GR-CAL	0.0	403.4	11-11-87

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Calamia 1	2	1	BCS-GR-CAL	375.0	519.7	15-11-87
Calamia 1	3	1	DLL-MSFL-GR-SP-CAL	523.0	1697.3	3-12-87
Calamia 1	3	2	BCS-GR-CAL	523.0	1693.0	3-12-87
Calamia 1	3	3	SLD-CNS-GR-CAL	523.0	1696.0	13-12-87
Calamia 1	3	4	VELOCITY	97.4	1670.0	13-12-87
Calytrix 1	1	1	SP-LL-(LONG & SHORT RES)-TEMP	2.2	145.0	1-05-84
Calytrix 1	1	2	GR-NEUTRON-DENSITY-CAL	2.1	145.0	1-05-84
Calytrix 1	1	3	GR-CAL-SONIC	1.5	144.0	1-05-84
Calytrix 1	2	1	SP-LL-(LONG & SHORT RES)-TEMP	140.0	450.0	5-05-84
Calytrix 1	2	2	GR-NEUTRON-DENSITY-CAL	140.0	450.0	5-05-84
Calytrix 1	2	3	GR-CAL-SONIC	140.0	448.0	5-05-84
Calytrix 1	2	4	VELOCITY	68.0	445.0	6-05-84
Carina 1	1	1	DLL-MSFL-GR	431.0	1595.0	5-09-82
Carina 1	1	2	LDL-CNL-GR (CNL-GR 5M-431M)	5.0	1591.0	5-09-82
Carina 1	1	3	BHCS-GR	431.0	1592.0	5-09-82
Carina 1	1	4	CST CORRELATION	431.0	1595.0	6-09-82
Carina 1	1	5	VELOCITY (?)			
Cassia 1			NO WIRELINE LOGS RUN			
Cassia 1	1	1	VELOCITY SURVEY	5.0	1576.0	14-12-81
Chirup 1	1	1	IES	147.2	764.1	6-09-68
Chirup 1	1	2	GR	15.2	762.9	6-09-68
Chirup 1	1	3	SONIC	147.2	762.9	6-09-68
Chirup 1	1	4	FORM DENSITY-CAL	147.2	757.7	6-09-68
Chirup 1	1	5	MLL	147.2	757.7	6-09-68
Chirup 1	1	6	SWC (Depths not reported)	0.0	0.0	
Clianthus 1	1	1	SP-LL-(LONG & SHORT RES)-TEMP	0.0	146.0	15-05-84
Clianthus 1	1	2	GR-NEUTRON-DENSITY-CAL	0.0	146.0	15-05-84
Clianthus 1	1	3	GR-CAL-SONIC	0.0	146.0	15-05-84
Clianthus 1	2	1	SP-LL-(LONG & SHORT RES)-TEMP	146.0	450.0	19-05-84
Clianthus 1	2	2	GR-NEUTRON-DENSITY-CAL	146.0	450.0	19-05-84
Clianthus 1	2	3	GR-CAL-SONIC	146.0	450.0	19-05-84
Clianthus 1	2	4	VELOCITY	0.0	450.0	19-05-84
Contention Heights 1	1	1	IEL	10.4	172.4	21-08-73
Contention Heights 1	1	2	GR-NEUTRON	10.4	172.4	21-08-73
Contention Heights 1	1	3	ACOUSTIC VELOCITY	10.4	172.4	21-08-73
Contention Heights 1	1	4	FORXCO-CAL	10.4	172.4	21-08-73
Contention Heights 1	2	1	IEL	171.3	482.5	26-09-73
Contention Heights 1	2	2	GR-NEUTRON	171.3	482.5	26-09-73
Contention Heights 1	2	3	ACOUSTIC VELOCITY	171.3	482.5	29-09-73
Contention Heights 1	2	4	CAL	171.3	455.2	29-09-73
Contention Heights 1	3	1	IEL	171.3	509.1	4-10-73

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Contention Heights 1	3	2	DENSITY	389.3	506.8	4-10-73
Contention Heights 1	3	3	ACOUSTIC VELOCITY	427.4	508.2	4-10-73
Corbett 1	1	1	GR-CAL-RESISTIVITY	0.0	802.4	28-03-94
Corbett 1	1	2	GR-CAL-SONIC	0.0	802.4	28-03-94
Crimson Lake 1	1	1	BCS-GR-CAL	18.5	455.6	12-07-88
Crimson Lake 1	2	1	DLL-GR-SP-CAL	797.4	1070.0	18-07-88
Crimson Lake 1	3	1	DLL-MSFL-GR-SP-CAL	461.0	1980.3	30-07-88
Crimson Lake 1	3	2	BCS-GR-CAL	461.0	1976.0	30-07-88
Crimson Lake 1	3	3	SLD-CNS-GR-CAL	461.0	1980.0	30-07-88
Crimson Lake 1	3	4	FED-GR	461.0	1980.0	31-07-88
Crimson Lake 1	3	5	FIL-GR	1500.0	1980.0	31-07-88
Crimson Lake 1	3	6	SFT-GR-CAL	1031.5	1689.5	31-07-88
Crimson Lake 1	3	7	SWC-GR	835.0	1962.0	1-07-88
Crimson Lake 1	3	8	VELOCITY	109.4	1981.0	1-08-88
Crossland 1	1	1	ES	394.7	912.6	16-08-71
Crossland 1	1	2	BSGR-C (GR TO SURFACE)	394.7	911.4	16-08-71
Crossland 1	1	3	CST (NO RECOVERY)	0.0	0.0	16-08-71
Crossland 1	1	4	VELOCITY	152.4	899.2	16-08-71
Crossland 2	1	1	ES	506.0	914.1	3-09-71
Crossland 2	1	2	BSGR-C (GR TO SURFACE)	487.7	912.9	3-09-71
Crossland 2	1	3	CST	512.1	883.9	3-09-71
Crossland 2	1	4	VELOCITY	152.4	908.3	3-09-71
Crossland 3	1	1	ES	60.4	910.1	14-10-71
Crossland 3	1	2	BSGR-C (GR TO 9.14M)	237.7	910.1	14-10-71
Crossland 3	1	3	VELOCITY	152.4	905.9	14-10-71
Crossland 3	1	4	CST	99.1	457.2	15-10-71
Cycas 1	1	1	DIL-MSFL-BHLS-GR-SP-CAL	246.0	954.0	29-06-83
Cycas 1	1	2	LDL-CNL-GR-CAL	19.0	970.0	29-06-83
Cycas 1	1	3	SHDT-4 ARM CAL	246.0	970.0	29-06-83
Cycas 1	1	4	DLL-MSFL-GR-SP-CAL	327.0	977.0	30-06-83
Cycas 1	1	5	EPT-GR	327.0	973.0	30-06-83
Cycas 1	1	6	CST	254.0	975.0	30-06-83
Cycas 1	1	7	RFT	864.0	959.0	1-07-83
Cycas 1	2	1	DLL-MSFL-GR-SP-CAL	995.0	2833.0	2-08-83
Cycas 1	2	10	CST	1150.0	2820.0	5-08-83
Cycas 1	2	2	LDL-CNL-GR-CAL-EPT	995.0	2837.2	3-08-83
Cycas 1	2	3	BHC-GR-CAL	995.0	2835.7	3-08-83
Cycas 1	2	4	CBL-VDL-WT	382.0	995.0	3-08-83
Cycas 1	2	5	RFT	2326.0	2697.5	4-08-83
Cycas 1	2	6	RFT	2326.0	2697.5	4-08-83
Cycas 1	2	7	SHDT-4 ARM CAL	994.0	2835.0	4-08-83

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Cycas 1	2	8	VELOCITY	185.0	2837.0	5-08-83
Cycas 1	2	9	DPT	995.0	2835.0	5-08-83
Cycas 1	3	1	DIL-MSFL-BHLS-GR-SP-CAL	2833.0	3017.0	18-08-83
Cycas 1	3	2	LDL-CNL-GR-CAL	2836.0	3017.0	19-08-83
Dampiera 1A	1	1	SONIC	0.0	1475.0	1-04-82
Dampiera 1A	2	1	RESISTIVITY	767.9	1478.0	1-04-82
Dampiera 1A	2	2	DENSITY (LONG)-CAL	0.0	1475.0	1-04-82
Dampiera 1A	2	3	NEUTRON-GR	0.0	1476.0	1-04-82
Dampiera 1A	2	4	TEMPERATURE	0.0	1475.0	1-04-82
Dampiera 1A	2	5	SP-RESISTANCE	0.0	1476.0	1-04-82
Dampiera 1A	2	6	VELOCITY	129.0	1477.0	3-04-82
Darriwell 1	1	1	BCS-GR/X-Y CAL	5.9	540.0	1-06-88
Darriwell 1	2	1	DIL-MSFL-GR-SP-CAL	534.5	1593.0	29-06-88
Darriwell 1	2	2	BCS-GR-CAL	534.5	1585.0	29-06-88
Darriwell 1	2	3	SLD-CNS-GR-CAL	534.5	1593.0	29-06-88
Darriwell 1	2	4	SWC	540.5	1591.8	29-06-88
Darriwell 1	2	5	VELOCITY	0.0	1587.0	29-06-88
Dodonea 1	1	1	DLL-MSFL(TO 900M)-GR	376.0	1548.0	1-09-85
Dodonea 1	1	2	LDL-CNL-NGS-AMS	900.0	1551.0	1-09-85
Dodonea 1	1	3	BHC-GR(GR TO SURFACE)	376.0	1549.0	1-09-85
Dodonea 1	2	1	DLL-MSFL-GR	1523.0	2210.0	25-09-85
Dodonea 1	2	2	LDL-CNL-GR-AMS	1523.0	2213.7	25-09-85
Dodonea 1	2	3	BHC-GR	1523.0	2212.7	26-09-85
Dodonea 1	2	4	VELOCITY	45.0	2214.0	26-09-85
Dodonea 2	1	1	DLL-MSFL-GR-SP-CAL	367.7	1446.9	16-07-87
Dodonea 2	1	2	GR-SLDT-CNL	370.9	1446.0	16-07-87
Dodonea 2	1	3	MEL-BCS-GR	370.4	1442.2	16-07-87
Dodonea 2	1	4	VELOCITY	12.0	1446.9	16-07-87
Dodonea 2	2	1	GR-N-CCL(THRU DRILL PIPE)	1379.1	1657.7	18-07-87
Dodonea 2	2	2	SLD-CNL-CCL	1381.9	1542.3	18-07-87
Ellendale 1	1	1	ISF-SP-GR	92.0	747.8	29-07-79
Ellendale 1	2	1	ISF-SONIC-GR-SP	736.0	2186.7	3-09-79
Ellendale 1	2	2	FDC-CNL-GR-CAL	736.0	2186.5	3-09-79
Ellendale 1	2	3	DLL-MSFL-GR-SP-CAL	736.0	2186.0	3-09-79
Ellendale 1	2	4	HDT	736.0	2186.0	4-09-79
Ellendale 1	2	5	FIL	2090.0	2186.0	4-09-79
Ellendale 1	3	1	ISF-SONIC-GR-SP	2183.8	3190.5	1-10-79
Ellendale 1	3	2	FDC-CNL-GR-CAL	2183.8	3191.5	1-10-79
Ellendale 1	3	3	CBL-GR-CCL	1495.0	2184.0	1-10-79
Ellendale 1	3	4	DLL-MSFL-GR-SP-CAL	2183.8	3191.5	2-10-79
Ellendale 1	3	5	VELOCITY	100.0	3187.0	1-10-79

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Ellendale 1	3	6	HDT	2184.0	3191.5	3-10-79
Ellendale 1	3	7	SWC	1094.0	2159.0	4-10-79
Ellendale 1	3	8	SWC	2200.0	2918.0	4-10-79
Ellendale 1	3	9	CCL	720.0	2184.0	10-10-79
Eremophila 3	1	1	SP-LL(LONG & SHORT)-TEMP	120.0	448.0	14-12-83
Eremophila 3	1	2	GR-NEUTRON-DENSITY-CAL	0.0	448.0	14-12-83
Eremophila 3	1	3	GR-CAL-SONIC	120.0	450.0	14-12-83
Eremophila 3	1	4	VELOCITY	0.0	450.0	14-12-83
Ficus 1	1	1	GR	0.0	1070.0	3-02-82
Ficus 1	1	2	VELOCITY	0.0	1073.7	3-02-82
Frankenia 1	1	1	SP-LL-(LONG & SHORT RES)-TEMP	0.0	479.0	9-02-84
Frankenia 1	1	2	GR-CAL-SONIC	0.0	479.0	9-02-84
Frankenia 1	1	3	GR-NEUTRON-DENSITY-CAL	0.0	479.0	9-02-84
Frankenia 1	1	4	VELOCITY	0.0	476.0	10-02-84
Frankenstein 1	1	1	DLL-MSFL-GR-SP	0.0	2011.0	13-10-88
Frankenstein 1	1	2	LDT-CNT-GR-CAL	600.0	2014.0	13-10-88
Frankenstein 1	1	3	SLS-GR	414.0	2012.0	13-10-88
Frankenstein 1	1	4	CST	434.5	2002.5	13-10-88
Frankenstein 1	1	5	VSP	37.0	2010.0	13-10-88
Frankenstein 1	2	1	DIL-SLS-GR-SP	1970.0	2790.0	7-11-88
Frankenstein 1	2	2	LDT-CNT-GR-CAL	1970.0	2792.0	7-11-88
Frankenstein 1	2	3	HDT	27.1	2015.0	7-11-88
Frankenstein 1	2	4	VSP	180.0	2785.0	7-11-88
Frankenstein 1	2	5	CST	2025.0	2700.0	7-11-88
Grant Range 1	1	1	EL	29.9	212.8	7-11-54
Grant Range 1	1	2	SP-RES	190.8	212.8	7-11-54
Grant Range 1	10	1	CAL	1221.6	1737.4	30-01-55
Grant Range 1	10	2	TEMP	61.0	1688.6	1-02-55
Grant Range 1	11	1	EL	192.6	1975.7	14-02-55
Grant Range 1	12	1	SP-RES	1950.7	2148.8	28-02-55
Grant Range 1	13	1	EL	211.5	2345.1	17-03-55
Grant Range 1	14	1	EL	132.0	2448.5	25-03-55
Grant Range 1	15	1	SP-RES	2426.2	2600.2	9-04-55
Grant Range 1	16	1	EL	178.0	2753.6	23-04-55
Grant Range 1	17	1	EL	173.4	2901.7	6-05-55
Grant Range 1	18	1	EL	118.3	2998.6	13-06-55
Grant Range 1	19	1	DIPMETER	1773.9	3405.8	26-08-55
Grant Range 1	2	1	EL	210.3	520.6	16-11-54
Grant Range 1	2	2	SP-RES	309.7	520.6	16-11-54
Grant Range 1	20	1	ML-CAL	3703.3	3931.3	15-10-55
Grant Range 1	20	2	GR-NEUTRON	15.2	3933.7	15-10-55

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Grant Range 1	20	3	DIPMETER	3650.3	3925.8	16-10-55
Grant Range 1	20	4	VELOCITY	152.4	3934.7	17-10-55
Grant Range 1	3	1	SP-RES	215.5	703.2	19-11-54
Grant Range 1	3	2	EL	487.7	703.2	19-11-54
Grant Range 1	4	1	SP-RES	293.8	703.2	1-12-54
Grant Range 1	5	1	RES-GR	883.9	1081.7	6-12-54
Grant Range 1	5	2	SP-RES	196.9	1081.7	6-12-54
Grant Range 1	6	1	SP-RES	271.0	1292.0	11-12-54
Grant Range 1	7	1	RES-GR	980.8	1437.7	15-12-54
Grant Range 1	7	2	SP-RES	188.1	1437.7	15-12-54
Grant Range 1	8	1	SP-RES	1469.1	1680.1	23-12-54
Grant Range 1	9	1	SP-RES	1639.8	1831.8	24-01-55
Hoya 1	1	1	LL (LONG & SHORT)-SP-TEMP	0.0	448.8	13-05-84
Hoya 1	1	2	GR-NEUTRON-DENSITY-CAL	150.0	448.9	13-05-84
Hoya 1	1	3	GR-CAL-SONIC	150.0	447.5	13-05-84
Hoya 1	1	4	VELOCITY	22.0	448.0	13-05-84
Jones Range 1	1	1	IES	127.7	938.0	25-09-74
Jones Range 1	1	2	BSGR	128.0	913.0	25-09-74
Jones Range 1	1	3	CST	148.0	903.0	25-09-74
Jones Range 1	2	1	IES	949.0	1680.0	14-10-74
Jones Range 1	2	2	BSGR-CAL	951.5	1717.0	15-10-74
Jones Range 1	2	3	CST	953.0	1695.0	15-10-74
Jones Range 1	3	1	IES	1725.0	2539.7	3-11-74
Jones Range 1	3	2	BSGR-CAL	1724.5	2539.7	3-11-74
Jones Range 1	3	3	HDT	1724.7	2539.0	3-11-74
Jones Range 1	3	4	VELOCITY	150.0	2530.0	3-11-74
Jones Range 1	3	5	CST	1735.0	2525.0	6-11-74
Jones Range 1	3	6	CST	1739.0	2532.0	6-11-74
Juno 1	1	1	BHC-GR-CAL	23.0	569.5	10-09-85
Juno 1	2	1	BHC-GR	563.0	1747.0	26-09-85
Juno 1	2	2	DLL-GR-CAL-SP	563.0	1443.5	26-09-85
Juno 1	2	3	LDL-CNL-GR	830.0	1647.5	26-09-85
Juno 1	2	4	CST	690.0	1736.0	26-09-85
Juno 1	2	5	WSS	62.0	1745.0	27-09-85
Juno 1	2	6	SAT-VSP QUICKLOOK	210.1	1745.0	27-09-85
Kemp Field 1	1	1	BCS-GR	21.3	222.5	29-09-68
Kemp Field 1	2	1	BCS-GR	221.0	1176.5	12-10-68
Kemp Field 1	2	2	IEL	221.0	1179.6	12-10-68
Kemp Field 1	2	3	MLL-ML-CAL	221.0	1179.6	12-10-68
Kemp Field 1	2	4	CDM	457.2	1178.1	12-10-68
Kidson 1	1	1	IEL	97.8	917.1	30-11-65

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Kidson 1	1	2	SONIC	97.8	914.7	30-11-65
Kidson 1	1	3	ML-CAL	97.8	897.3	30-11-65
Kidson 1	1	4	CST	335.3	911.4	30-11-65
Kidson 1	2	1	IEL	916.5	2133.3	28-12-65
Kidson 1	2	2	GR-SONIC	916.5	2132.4	28-12-65
Kidson 1	2	3	CST	976.3	1831.5	28-12-65
Kidson 1	2	4	ML-CAL	916.5	2133.6	29-12-65
Kidson 1	3	1	IEL	2133.3	2803.2	2-02-66
Kidson 1	3	2	IEL	916.5	2803.2	2-02-66
Kidson 1	3	3	GR-SONIC	2132.4	2802.3	2-02-66
Kidson 1	3	4	ML-CAL	2133.6	2803.2	2-02-66
Kidson 1	4	1	IEL	2803.2	3146.1	13-02-66
Kidson 1	4	2	GR-SONIC	2802.3	3144.3	13-02-66
Kidson 1	4	3	ML-CAL	2803.2	3146.1	13-02-66
Kidson 1	5	1	CDM	916.5	2840.4	20-02-66
Kidson 1	6	1	SECTION GUAGE	2840.7	3389.4	3-04-66
Kidson 1	7	1	IEL	3146.1	3834.7	18-05-66
Kidson 1	7	2	GR-SONIC	3144.3	3833.8	18-05-66
Kidson 1	8	1	IEL	3834.7	4365.0	8-07-66
Kidson 1	8	2	IEL	3146.1	4365.0	8-07-66
Kidson 1	8	3	GR-SONIC	3833.8	4366.0	8-07-66
Kidson 1	8	4	SONIC	2840.7	4366.0	10-07-66
Kidson 1	8	5	VELOCITY	1091.5	4370.8	10-07-66
Kidson 1	9	1	IEL	4328.2	4426.9	20-07-66
Kidson 1	9	2	SONIC	4328.2	4429.4	20-07-66
Kidson 1	9	3	GR	4328.2	4429.4	20-07-66
Kidson 1	9	4	CDM	2840.7	4430.6	21-07-66
Kilang Kilang 1	1	1	DLL-MSFL-GR-SP-CAL	47.0	575.0	31-10-84
Kilang Kilang 1	1	2	BHC-GR	47.0	575.0	31-10-84
Kilang Kilang 1	1	3	CST-GR	47.0	575.0	31-10-84
Kilang Kilang 1	2	1	DLL-MSFL-GR-SP-CAL	569.0	2300.0	1-12-84
Kilang Kilang 1	2	2	BHC-GR	569.0	2300.0	1-12-84
Kilang Kilang 1	2	3	LDT-CNL	569.0	2300.0	1-12-84
Kilang Kilang 1	2	4	HDT-GR	569.0	2300.0	1-12-84
Kilang Kilang 1	2	5	CST-GR	569.0	2300.0	1-12-84
Kilang Kilang 1	2	6	VELOCITY SURVEY	0.0	2300.0	1-12-84
Kora 1	1	1	ISF-BHC-GR	12.2	452.0	21-07-82
Kora 1	2	1	FDC-CNL-GR	449.0	1754.0	9-08-82
Kora 1	2	3	DLL-MSFL-GR	449.0	1754.0	10-08-82
Kora 1	2	4	FDC-CNL-GR	1754.0	1800.0	11-08-82
Kora 1	2	5	FDC-CNL-GR	1800.0	2107.0	12-08-82

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Kora 1	2	6	RFT	1510.0	1779.0	12-08-82
Kora 1	3	1	DLT-MSFL-GR	1673.0	2502.0	4-09-82
Kora 1	3	2	LDT-CNT-GR	1579.0	2502.0	5-09-82
Kora 1	3	3	HDT	1000.0	2502.0	5-09-82
Kora 1	3	4	BHC-GR	441.0	2502.0	6-09-82
Kora 1	3	5	CST	575.0	2474.0	6-09-82
Kora 1	4	1	DLT-MSFL-GR	2462.0	3101.0	27-09-82
Kora 1	4	2	LDT-CNT-GR	2465.0	3101.0	29-09-82
Kora 1	4	3	HDT	2486.0	3005.0	29-09-82
Kora 1	4	4	BHC-GR	2502.0	3101.0	29-09-82
Kora 1	4	5	VELOCITY	200.0	3101.0	30-09-82
Kora 1	4	6	CST	2517.0	3085.5	30-09-82
Kora 1	5	1	BRIDGE PLUG RECORD			2-10-82
Kora 1	5	2	PERFORATION	1674.0	1681.0	4-10-82
Kora 1	5	3	PERFORATION	1608.0	1611.5	5-10-82
Kora 1	5	4	BRIDGE PLUG RECORD			5-10-82
Kunzea 1	1	1	SONIC-GR-CAL	0.0	140.0	29-05-84
Kunzea 1	2	1	LL-RES(SHORT&LONG)-SP-TEMP	6.0	450.0	3-06-84
Kunzea 1	2	2	NEUTRON-DENSITY-GR-CAL	6.0	450.0	3-06-84
Kunzea 1	2	3	VELOCITY			
Lake Betty 1	1	1	IES	68.0	455.4	7-09-71
Lake Betty 1	1	2	CST	68.0	455.4	7-09-71
Lake Betty 1	2	1	IES	460.9	1670.0	26-09-71
Lake Betty 1	2	2	SONIC-GR	460.9	1668.8	26-09-71
Lake Betty 1	2	3	HDT	460.9	1670.0	26-09-71
Lake Betty 1	2	4	CST	460.9	1668.8	26-09-71
Lake Betty 1	3	1	IES	1670.3	2608.2	20-10-71
Lake Betty 1	3	2	SONIC-GR	1670.3	2605.4	20-10-71
Lake Betty 1	3	3	CBL	1173.5	1670.3	21-10-71
Lake Betty 1	4	1	IES	2608.2	3059.3	26-11-71
Lake Betty 1	5	1	IES	2996.2	3135.8	10-12-71
Lake Betty 1	5	2	SONIC-GR	2529.8	3130.9	10-12-71
Lake Betty 1	5	3	HDT	1670.3	3135.8	10-12-71
Lake Betty 1	5	4	SONIC-GR	1671.5	3133.3	11-12-71
Lake Betty 1	5	5	CST	682.8	2652.7	11-12-71
Lake Betty 1	5	6	VELOCITY	152.4	3133.3	11-12-71
Lloyd 1	1	1	DLL-MSFL-GR-SP-CAL	576.0	2000.3	10-07-87
Lloyd 1	1	2	SLD-CNS-GR	576.0	2000.3	10-07-87
Lloyd 1	1	3	DCL	897.7	1998.3	10-07-87
Lloyd 1	1	4	FED	777.7	2000.7	10-07-87
Lloyd 1	1	5	BHCS-GR (GR TO 25M)	576.7	1998.0	11-07-87

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Lloyd 1	1	6	VELOCITY	17.0	1977.0	10-07-87
Lloyd 1	2	1	CBL	1170.0	1557.0	28-07-87
Lloyd 1	2	2	TCP-GR	1426.0	1504.0	29-07-87
Mangaloo 1	1	1	DIL-SLS-GR-SP-CALI-GR(TO 30M THRU CSG)	830.0	1799.5	25-09-85
Mangaloo 1	1	2	CST	830.0	1799.5	25-09-85
Mangaloo 1	2	1	MSFL-SLS-GR-SP-CAL	1800.0	2448.0	3-12-85
Mangaloo 1	2	2	WSS/VSP	0.0	2448.0	3-12-85
Mangaloo 1	2	3	CBL-VDL-GR	1800.0	2448.0	4-12-85
McLarty 1	1	1	BHC-SGR	7.6	150.9	15-05-68
McLarty 1	2	1	BHC-SGR	153.3	733.7	24-05-68
McLarty 1	2	2	ES	153.3	736.1	24-05-68
McLarty 1	2	3	CBL	365.8	721.2	26-05-68
McLarty 1	3	1	IES	741.3	2590.2	29-07-68
McLarty 1	3	2	BHC-SGR	741.3	2587.1	29-07-68
Meda 1	1	1	ES 1 (ELECTRIC LOG)	125.6	1234.7	7-07-58
Meda 1	1	2	SG 1 (SECTION GUAGE)	125.6	1234.4	7-07-58
Meda 1	1	3	SWC	386.8	409.3	7-07-58
Meda 1	1	4	TEMP LOG	54.9	981.5	12-07-58
Meda 1	2	1	ES 2	1237.5	1573.4	23-07-58
Meda 1	2	2	SG 2	1237.5	1572.8	23-07-58
Meda 1	2	3	SWC	480.4	1569.1	23-07-58
Meda 1	3	1	ES 3	1541.7	1885.2	7-08-58
Meda 1	3	2	SG 3	1237.5	1884.6	7-08-58
Meda 1	3	3	GRN 1 (GR NEUTRON)	61.0	1885.5	8-08-58
Meda 1	3	4	DR 1 (DIRECTIONAL LOG)	152.4	1859.3	8-08-58
Meda 1	4	1	ML C 1 (MICROLOG)	1489.9	2040.3	17-08-58
Meda 1	4	2	LL 1 (LATEROLOG)	1463.0	2040.0	18-08-58
Meda 1	4	3	GRN 2	1856.2	2041.2	18-08-58
Meda 1	4	4	ML C 2	2008.6	2098.9	21-08-58
Meda 1	4	5	TEMP LOG	1341.1	2099.5	21-08-58
Meda 1	5	1	LL 2	2011.7	2287.8	7-09-58
Meda 1	5	2	ML C 3	2056.8	2288.1	7-09-58
Meda 1	5	3	GRN 3	2007.1	2289.0	7-09-58
Meda 1	6	1	LL 3	2011.7	2475.6	19-09-58
Meda 1	6	2	ML C 4	2255.5	2475.9	19-09-58
Meda 1	6	3	GRN 4	2255.5	2476.8	19-09-58
Meda 1	6	4	DIPMETER	1517.6	2240.3	19-09-58
Meda 1	6	5	TEMP	1615.4	2476.5	20-09-58
Meda 1	7	1	ES 4	1844.0	2684.7	8-10-58
Meda 1	7	2	LL 4	2453.6	2683.8	8-10-58
Meda 1	7	3	ML 5	2438.4	2684.1	8-10-58

Appendix 3 (cont.)

Well name	Suite no	Run no	Run name	Start depth (m)	End depth (m)	Date run
Meda 1	7	4	GRN 5	2438.4	2685.0	8-10-58
Meda 1	7	5	DR 2	1859.3	2682.2	8-10-58
Meda 1	8	1	GR 6	1524.0	2044.9	18-10-58
Meda 1	8	2	TEMP	984.5	2044.6	18-10-58
Melaleuca 1	1	1	SP-LL-0.4M AND 1.6M NORMAL RESISTIV-TEMP	6.0	448.8	20-04-84
Melaleuca 1	1	2	GR-NEUTRON-DENSITY-CAL	6.0	449.1	20-04-84
Melaleuca 1	1	3	GR-CAL-SONIC	6.0	447.5	20-04-84
Melaleuca 1	1	4	VELOCITY	0.0	448.0	20-04-84
Mirbelia 1	1	1	BHC-GR-CAL	15.0	801.0	16-03-85
Mirbelia 1	1	2	DIS-GR-CAL-SP	254.0	801.0	16-03-85
Mirbelia 1	2	1	DLL-MSFL-GR-SP	800.0	2400.0	8-05-85
Mirbelia 1	2	2	LDL-CNL-GR	800.0	2395.0	8-05-85
Mirbelia 1	2	3	BHC-GR	800.0	2392.0	8-05-85
Mirbelia 1	2	4	HDT	800.0	2330.0	8-05-85
Mirbelia 1	2	5	VELOCITY	204.3	2294.0	8-05-85
Mirbelia 1	2	6	CST	1605.0	2350.0	9-05-85
Mirbelia 2	1	1	DLL-MSFL-GR-SP	315.0	1496.0	17-10-88
Mirbelia 2	1	2	LDT-CNT-GR	0.0	1499.0	17-10-88
Mirbelia 2	1	3	BHC-GR	315.0	1495.0	17-10-88
Mirbelia 2	2	1	DLL-MSFL-GR-SP	1493.0	2813.0	21-11-88
Mirbelia 2	2	2	LDL-CNL-ML-GR	1493.0	2816.0	21-11-88
Mirbelia 2	2	3	SLS-GR-CAL	1493.5	2810.5	21-11-88
Mirbelia 2	2	4	CST-GR	1534.0	2803.0	22-11-88
Munda 1	1	1	ES-GR-CAL (GR-CAL TO 3.05M)	641.6	1067.1	18-11-71
Munda 1	1	2	SWC	652.3	1036.3	18-11-71
Munda 1	1	3	VELOCITY	152.4	1066.8	
Munro 1	1	1	IES	594.1	1536.2	16-06-72
Munro 1	1	2	BHC-GR-CAL	593.4	1538.9	16-06-72
Munro 1	1	3	CST	609.6	1524.3	17-06-72
Munro 1	2	1	IES	1536.2	2119.6	30-06-72
Munro 1	2	2	BHC-GR-CAL	1536.2	2114.4	30-06-72
Munro 1	2	3	SNP-GR	1538.9	2119.6	30-06-72
Munro 1	2	4	FDC-GR	1536.2	2119.6	30-06-72
Munro 1	2	5	HDT	1536.2	2119.0	1-07-72
Munro 1	2	6	CST	1549.0	2095.8	1-07-72
Munro 1	2	7	VELOCITY	0.0	2115.6	1-07-72
Musca 1	1	1	DLL-MSFL-GR	565.0	1515.5	13-01-82
Musca 1	1	2	LDT-CNL-GR	565.0	965.0	13-01-82
Musca 1	1	3	BHCS-GR	565.0	933.0	13-10-82
Musca 1	1	4	CST	579.0	926.2	13-10-82
Musca 1	2	2	LDT-CNL-GR	900.0	1515.0	21-10-82

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Musca 1	2	3	BHCS-GR-VDL	830.0	1509.0	22-10-82
Musca 1	2	4	HDT	565.0	1500.0	22-10-82
Musca 1	2	5	FIL	1400.0	1500.0	22-10-82
Musca 1	2	6	VELOCITY	850.0	1509.0	23-10-82
Ngalti 1	1	1	DLL-MSFL-GR-SP-CAL	108.0	830.0	30-08-84
Ngalti 1	1	2	BHC-GR	108.0	834.0	30-08-84
Ngalti 1	1	3	CST	108.0	834.0	30-08-84
Ngalti 1	2	1	DLL-MSFL-GR-SP-CAL	834.0	2693.0	13-10-84
Ngalti 1	2	2	BHC-GR	834.0	2693.0	13-10-84
Ngalti 1	2	3	LDT-CNL-NGS	834.0	2693.0	13-10-84
Ngalti 1	2	4	HDT-GR	837.0	2697.0	13-10-84
Ngalti 1	2	5	CST	1103.0	2663.0	13-10-84
Ngalti 1	2	6	VELOCITY SURVEY	0.0	2693.0	13-10-84
Olios 1	1	1	ISF-BHC-GR	30.0	211.0	2-10-83
Olios 1	2	1	DLL-MSFL-GR-CAL-SP	213.0	910.0	9-10-83
Olios 1	2	2	LDL-CNL-GR-CAL	213.0	914.0	9-10-83
Olios 1	2	3	EPT-GR	213.0	914.5	9-10-83
Olios 1	2	4	BHC-GR	213.0	914.0	9-10-83
Olios 1	2	5	HDT	213.0	914.0	9-10-83
Olios 1	2	6	CST	220.0	913.0	9-10-83
Olios 1	3	1	DLL-MSFL-GR-CAL-SP	915.0	1963.5	23-10-83
Olios 1	3	10	CBL-VDL-GR-CCL	915.0	1962.0	25-10-83
Olios 1	3	11	CBL-VDL-GR	450.0	900.0	27-10-83
Olios 1	3	2	LDL-CNL-GR-CAL	915.0	1963.5	23-10-83
Olios 1	3	3	EPT-PHID-PHIN-TPL-EATT-GR	915.0	1963.5	23-10-83
Olios 1	3	4	ML-GR-CAL	915.0	1963.5	23-10-83
Olios 1	3	5	DIL-GR-SP	915.0	1963.5	23-10-83
Olios 1	3	6	HDT	915.0	1963.5	23-10-83
Olios 1	3	7	DPT	918.0	1960.0	23-10-83
Olios 1	3	8	VSP	68.0	1960.0	24-10-83
Olios 1	3	9	CST	918.0	1960.0	
Pandanus 1	1	1	GR-NEUTRON-ES-EP	366.5	825.4	
Pandorea 1	1	1	DLL-CAL-GR-SP	260.0	796.2	7-01-85
Pandorea 1	1	2	BHC-CAL-GR	260.0	799.0	8-01-85
Pandorea 1	2	1	DLL-MSFL-GR-SP	797.0	2273.5	22-02-85
Pandorea 1	2	2	LDL-CNL-GR	797.0	2273.0	23-02-85
Pandorea 1	2	3	BHC-GR	797.0	2272.0	23-02-85
Pandorea 1	2	4	HDT	797.0	2273.5	23-02-85
Pandorea 1	2	5	CST	1349.0	2257.0	23-02-85
Pandorea 1	2	6	VELOCITY	20.0	2273.0	23-02-85
Patience 1	1	1	BHC-GR-CAL	25.0	450.5	14-01-86

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Patience 1	2	1	DLL-MSFL-GR-CAL-SP	451.0	1745.5	29-01-86
Patience 1	2	2	BHC-GR-CAL	451.0	1745.5	30-01-86
Patience 1	2	3	SAT	100.0	1749.0	30-01-86
Patience 1	3	1	BHC-GR-CAL	1550.0	1867.0	1-02-86
Patience 1	3	2	VELOCITY			
Pegasus 1	1	1	GR-CAL	20.0	1107.4	4-07-88
Pegasus 1	1	2	BHC-MSFL-DIL	165.5	1107.4	4-07-88
Pegasus 1	2	1	DLL-MSFL-GR	1106.0	2997.0	10-08-88
Pegasus 1	2	2	GR-CAL-BHC	1106.0	2994.5	11-08-88
Pegasus 1	2	3	GR-CNL-LDL	1106.0	2992.2	11-08-88
Pegasus 1	2	4	HDT	1106.0	2996.5	11-08-88
Pegasus 1	2	5	GR-CST	2191.0	2978.0	11-08-88
Pegasus 1	2	6	VSP	200.0	2997.0	12-08-88
Percival 1	1	1	DIS-GR-SP	15.0	1413.0	14-06-85
Percival 1	1	2	BHC-GR	446.0	1413.0	14-06-85
Percival 1	2	1	DLL-MSFL-GR-SP	1413.0	2442.0	15-07-85
Percival 1	2	2	LDL-CNL-GR	1413.0	2446.0	16-07-85
Percival 1	2	3	BHC-GR	1413.0	2442.0	16-07-85
Percival 1	2	4	VELOCITY	548.0	2439.0	16-07-85
Point Moody 1	1	1	IEL	112.2	644.3	13-10-65
Point Moody 1	1	2	ML-CAL	112.2	644.3	14-10-65
Point Moody 1	1	3	SONIC	51.2	642.5	14-10-65
Point Moody 1	2	1	IEL	644.3	1328.9	3-11-65
Point Moody 1	2	2	ML-CAL	644.3	1328.9	3-11-65
Point Moody 1	3	1	IEL	1328.9	1945.5	7-12-65
Point Moody 1	3	2	ML-CAL	1328.9	1945.5	7-12-65
Point Moody 1	4	1	IEL	1945.5	2440.5	11-01-66
Point Moody 1	4	2	ML-CAL	1122.6	2440.5	11-01-66
Point Moody 1	4	3	SONIC	582.8	2438.4	11-01-66
Point Moody 1	4	4	GR-NEUTRON	30.5	2440.5	11-01-66
Point Moody 1	4	5	CBL	182.9	643.7	11-01-66
Point Moody 1	4	6	VELOCITY	91.4	2468.9	12-01-66
Point Torment 1	1	1	DLL-MSFL-BCS-GR-CAL-SP	288.5	1802.5	17-11-92
Point Torment 1	1	2	VELOCITY	15.8	1800.0	17-11-92
Point Torment 1	2	1	DLL-MSFL-BCS-GR-CAL-SP	1674.0	1906.1	19-11-92
Point Torment 1	2	2	SWC	1558.0	1886.7	20-11-92
Point Torment 1	3	1	DLL-MSFL-BCS-GR-CAL-SP	1675.2	2128.8	23-11-92
Point Torment 1	3	2	CAL-GR-DENSITY-NEUTRON	1522.4	2127.0	23-11-92
Point Torment 1 1994 Deepening	1	1	DLL-MSFL-GR-SP-CAL	1998.9	2601.0	3-10-94
Point Torment 1 1994 Deepening	1	2	BCS-GR-CAL	1998.9	2598.5	3-10-94
Point Torment 1 1994 Deepening	1	3	SLD-CNT-GR	1999.6	2596.5	4-10-94

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Point Torment 1 1994 Deepening	1	4	CBL-VDL-GR-CCL	1812.2	2125.0	4-10-94
Point Torment 1 1994 Deepening	1	5	VELOCITY	75.0	2575.0	9-10-94
Poole Range 3			SEE REPORT	30480.0	30480.0	
Poole Range 5			SEE REPORT	30480.0	30480.0	
Sahara 1	1	1	IEL	168.2	1240.5	26-01-65
Sahara 1	1	2	LL-7	168.2	1237.8	27-01-65
Sahara 1	1	3	ML-CAL	168.2	1239.0	27-01-65
Sahara 1	1	4	SONIC-GR	168.2	1236.3	27-01-65
Sahara 1	1	5	CDM	168.2	1237.2	27-01-65
Sahara 1	2	1	IEL	1240.5	2076.9	14-02-65
Sahara 1	2	2	ML-CAL	1240.5	2072.3	1-02-65
Sahara 1	2	3	SONIC-GR	1240.5	2071.7	14-02-65
Sahara 1	2	4	LL-7	1240.5	2071.1	15-02-65
Samphire Marsh 1	1	1	EL	180.4	754.4	4-03-58
Samphire Marsh 1	1	2	SECTION GUAGE	180.4	751.6	4-03-58
Samphire Marsh 1	1	3	TEMP LOG	33.5	739.7	6-03-58
Samphire Marsh 1	2	1	EL	749.2	1540.2	29-03-58
Samphire Marsh 1	3	1	EL	1505.7	2031.5	3-05-58
Santalum 1A	1	1	DENSITY-CAL(0-240M)-GR-NEUTRON	0.0	335.0	28-09-83
Santalum 1A	1	2	SP-(LONG & SHORT RES)-TEMP	0.0	335.0	28-09-83
Santalum 1A	2	1	GR-NEUTRON-DENSITY-CAL	300.0	625.0	12-10-83
Santalum 1A	2	2	SP-(LONG & SHORT RES)-CAL	300.0	625.0	12-10-83
Santalum 1A	2	3	GR-CAL-SONIC	300.0	625.0	12-10-83
Santalum 1A	2	4	VELOCITY	0.0	629.0	27-09-83
South Auld 1	1	1	DLL-MSFL-GR-SP	189.0	854.0	12-05-85
South Auld 1	1	2	BHC-GR(GR THRU CSG 189M TO SURF)	12.1	857.0	13-05-85
St George Range 1	1	1	IEL	26.5	260.9	19-09-65
St George Range 1	1	2	SONIC-GR	9.4	259.4	19-09-65
St George Range 1	1	3	CDM	9.4	260.3	19-09-65
St George Range 1	10	1	IEL	3810.0	4295.5	11-04-66
St George Range 1	11	1	IEL	4236.7	4431.2	7-05-66
St George Range 1	11	2	SONIC-GR	2804.2	4426.9	9-05-66
St George Range 1	11	3	CDM	2812.7	4436.1	11-05-66
St George Range 1	2	1	IEL	261.8	862.0	16-10-65
St George Range 1	2	2	ML	261.8	861.7	16-10-65
St George Range 1	2	3	SONIC-GR	261.8	859.8	16-10-65
St George Range 1	2	4	CBL	10.7	864.1	19-10-65
St George Range 1	3	1	IEL	861.1	1471.9	1-11-65
St George Range 1	3	2	SONIC-GR-CAL	861.1	1470.4	1-11-65
St George Range 1	4	1	IEL	861.1	2013.2	22-11-65
St George Range 1	5	1	IEL	1950.7	2436.6	13-12-65

Appendix 3 (cont.)

Well name	Suite no	Run no	Run name	Start depth (m)	End depth (m)	Date run
St George Range 1	5	2	SONIC-GR-CAL	1402.1	2433.8	13-12-65
St George Range 1	5	3	CDM	861.1	2446.6	13-12-65
St George Range 1	6	1	IEL	2375.6	2809.3	5-01-66
St George Range 1	6	2	SONIC-GR-CAL	2372.9	2808.1	5-01-66
St George Range 1	6	3	CDM	861.1	2808.7	5-01-66
St George Range 1	6	4	CBL	1371.6	2807.8	10-01-66
St George Range 1	7	1	IEL	2810.0	3192.5	4-02-66
St George Range 1	7	2	SONIC-GR-CAL	2810.0	3190.6	4-02-66
St George Range 1	8	1	IEL	2810.0	3561.0	26-02-66
St George Range 1	9	1	IEL	3500.0	3872.2	20-03-66
Sundown 1	1	1	DLL-MSFL-SP-GR-CAL	483.0	2130.0	10-11-82
Sundown 1	1	3	LDL-CNL-GR	483.0	2130.0	10-11-82
Sundown 1	1	4	EPT-PCD-ML-GR (AND EPT PLAYBACK)	483.0	2130.0	10-11-82
Sundown 1	1	5	BHC-GR-CAL	472.0	2130.0	11-11-82
Sundown 1	1	6	HDT-GR	484.0	2130.0	11-11-82
Sundown 1	1	7	CST-GR	819.0	2073.2	12-11-82
Sundown 1	1	8	RFT	901.5	1610.0	12-11-82
Sundown 1	2	1	DLL-MSFL-SP-CAL-GR	2128.0	2737.0	23-11-82
Sundown 1	2	2	EPT-LDL-CNL-GR-CAL	2128.0	2737.0	23-11-82
Sundown 1	2	3	BHC-GR	2128.0	2737.0	24-11-82
Sundown 1	2	4	CBL-VDL-GR	5.8	2128.0	24-11-82
Sundown 1	2	5	HDT-GR	2128.0	2737.0	24-11-82
Sundown 1	2	6	FIL	2128.0	2737.0	24-11-82
Sundown 1	2	7	VELOCITY SURVEY	0.0	2737.0	24-11-82
Sundown 1	3	1	GST-INELASTIC QUICKLOOK	896.0	1568.0	8-07-83
Sundown 1	4	1	CBL-VDL-GR	867.0	1623.0	3-08-83
Sundown 1	4	2	PERFORATION	1564.0	1566.0	5-08-83
Sundown 1	4	3	PERFORATION	1092.5	1096.0	6-08-83
Sundown 1	4	4	CBL-VDL-GR	850.0	1185.0	9-08-83
Sundown 1	4	5	PERFORATION	1102.5	1103.0	10-08-83
Sundown 1	4	6	PERFORATION	1092.5	1096.0	11-08-83
Terrace 1	1	1	BHC-GR	10.0	1629.5	4-06-84
Terrace 1	1	2	DLL-MSFL-GR	528.5	1627.0	5-06-84
Terrace 1	1	3	LDL-CNL-GR	775.0	1630.5	5-06-84
Terrace 1	1	4	CST-GR	533.0	1609.0	5-06-84
Terrace 1	2	1	DLL-MSFL-GR	1630.0	2385.0	21-06-84
Terrace 1	2	2	BHC-GR	1630.0	2385.0	21-06-84
Terrace 1	2	3	LDL-CNL-GR	1630.0	2388.0	21-06-84
Terrace 1	2	4	CST	1650.0	2351.0	22-06-84
Terrace 1	2	5	VELOCITY	39.0	2380.0	22-06-84
Triodia 1	1	1	GR-NEUTRON-DENSITY-CAL	0.0	629.0	19-01-84

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Triodia 1	1	2	DENSITY-CAL	0.0	629.0	19-01-84
Triodia 1	1	3	SP-LL-(LONG & SHORT RES)-TEMP	0.0	630.0	19-01-84
Triodia 1	1	4	VELOCITY	20.0	629.0	20-01-84
Vela 1	1	1	ISF-BHCS-GR	276.0	705.0	18-09-82
Vela 1	1	2	LDT-CNL-GR(CNL-GR TO SURFACE)	276.0	705.0	18-09-82
Vela 1	1	3	CST	305.0	695.0	18-09-82
Vela 1	2	1	DLL-MSFL-GR	707.0	1904.5	1-10-82
Vela 1	2	2	LDL-CNL-GR	707.0	1908.0	1-10-82
Vela 1	2	3	BHCS-GR	707.0	1908.0	1-10-82
Vela 1	2	4	CST	769.5	1867.0	1-10-82
Vela 1	2	5	VELOCITY	49.7	1908.0	1-10-82
West Kora 1	1	1	DIS-BHC-GR	5.0	461.0	21-07-84
West Kora 1	2	1	DLL-MSFL-GR	462.0	1882.0	6-08-84
West Kora 1	2	2	LDL-CNL-GR	462.0	1882.0	6-08-84
West Kora 1	2	3	BHC-GR	462.0	1876.0	6-08-84
West Kora 1	2	4	RFT-GR	462.0	1882.0	6-08-84
West Kora 1	2	5	RFT-GR	1621.5	1742.0	8-08-84
West Kora 1	3	1	DLL-MSFL-GR	1877.0	2067.0	13-08-84
West Kora 1	3	2	LDL-CNL-EPT-NGT-CAL	462.0	2067.0	14-08-84
West Kora 1	3	3	EPT-GR	462.0	2067.0	14-08-84
West Kora 1	3	4	NGT	462.0	2067.0	14-08-84
West Kora 1	3	5	EPHI-NPHI-DPHI (QUICKLOOK)	1500.0	2067.0	15-08-84
West Kora 1	3	6	RFT-HP-GR	1621.9	1810.0	14-08-84
West Kora 1	3	7	RFT-GR-STRAIN GUAGE	1621.9	1810.0	14-08-84
West Kora 1	4	1	DLL-MSFL-GR	2000.0	2604.5	28-08-84
West Kora 1	4	2	BHC-GR	1680.0	2608.3	29-08-84
West Kora 1	4	3	LDL-CNL-GR	1680.0	2608.0	29-08-84
West Kora 1	4	4	EPT-GR	2000.0	2609.0	29-08-84
West Kora 1	4	5	HDT	1150.0	2250.0	30-08-84
West Kora 1	4	6	CST	563.0	2605.0	30-08-84
West Kora 1	4	7	VELOCITY	475.0	2609.0	30-08-84
West Kora 1	5	1	CG-EL	1990.0	1987.0	5-09-84
West Kora 1	5	2	GR-CCL	1600.0	2067.5	5-09-84
West Terrace 1	1	1	DLL-MSFL-GR-SP-CAL	539.0	1249.5	28-05-85
West Terrace 1	1	2	NAT GR SPECTROSCOPY	825.0	1249.5	28-05-85
West Terrace 1	1	3	LDL-CNL-SGR-EPT-CYBERLOOK-CYBERDIP	800.0	1249.5	28-05-85
West Terrace 1	1	4	BHC-GR (GR TO 20M)	539.0	1249.5	29-05-85
West Terrace 1	1	5	HDT	539.0	1249.5	29-05-85
West Terrace 1	1	6	WST	35.0	1249.5	29-05-85
West Terrace 1	2	1	CYBERLOOK (PASS 1 AND 2)	539.0	1249.5	2-06-85
West Terrace 1	2	2	CBL-VDL-GR-BOND INDEX QUICKLOOK	700.0	1174.0	10-06-85

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
West Terrace 1	2	3	CET-GR-CAL	700.0	1180.0	11-06-85
West Terrace 1	2	4	TCP PERM COMPLETION	1095.0	1144.0	16-06-85
White Hills 1	1	1	ISF-GR-SP-SONIC	14.0	314.0	22-07-82
White Hills 1	2	1	DISF-GR-SP-SONIC	310.0	1050.0	8-08-82
White Hills 1	2	2	CNL-FDC-GR-CAL	310.0	1050.0	9-08-82
White Hills 1	2	3	SWC	588.0	1050.0	9-08-82
White Hills 1	3	1	DISF-GR-SP-SONIC	1043.0	2217.0	4-09-82
White Hills 1	3	2	CNL-FDC-GR-CAL-	1043.0	2217.0	4-09-82
White Hills 1	3	3	DLL-MSFL-GR-SP-CAL	1043.0	2217.0	4-09-82
White Hills 1	3	4	HDT	1043.0	2217.0	5-09-82
White Hills 1	3	5	SWC	1043.0	2217.0	5-09-82
White Hills 1	4	1	DISF-GR-SP	1043.0	2712.0	21-09-82
White Hills 1	4	2	SONIC-GR	2175.0	2712.0	21-09-82
White Hills 1	4	3	CNL-FDC-GR-CAL	2175.0	2601.0	22-09-82
White Hills 1	4	4	CNL-FDC-GR-CAL	2600.0	2712.0	22-09-82
White Hills 1	4	5	DLL-MSFL-GR-SP-CAL	2175.0	2707.0	22-09-82
White Hills 1	4	6	HDT	1043.0	2712.0	22-09-82
White Hills 1	4	7	WSS	200.0	2712.0	22-09-82
White Hills 1	4	8	SWC	1045.0	2712.0	22-09-82
White Hills 1	5	1	WSS	1000.0	4000.0	21-11-82
White Hills 1	5	2	ISF-GR-SP-SONIC	2704.0	4119.0	25-11-82
White Hills 1	5	3	CNL-FDC-GR-CAL	2704.0	4119.0	26-11-82
White Hills 1	5	4	DLL-MSFL-GR-SP-CAL	2704.0	4119.0	26-11-82
White Hills 1	5	5	HDT	2704.0	4119.0	29-11-82
White Hills 1	5	6	SWC	2704.0	4119.0	1-12-82
White Hills 1	6	1	CBL-VDL-GR-CCL	1023.0	2705.0	30-11-82
White Hills 1	6	2	PERFS (9 RUNS)(01/12/82 TO 11/12/82)	1040.0	2676.0	1-12-82
Willara 1	1	1	IEL	36.6	760.2	14-06-65
Willara 1	1	2	GR-SONIC-CAL	36.6	757.4	14-06-65
Willara 1	2	1	IEL	768.7	939.1	22-06-65
Willara 1	2	2	GR-SONIC-CAL	768.7	938.2	22-06-65
Willara 1	2	3	ML-CAL	769.3	940.0	23-06-65
Willara 1	3	1	IEL	939.1	1286.9	29-06-65
Willara 1	3	2	IEL	768.7	1286.9	29-06-65
Willara 1	3	3	GR-SONIC-CAL	938.2	1286.0	29-06-65
Willara 1	3	4	ML-CAL	940.0	1286.9	29-06-65
Willara 1	3	5	CDM	768.7	1276.2	2-07-65
Willara 1	4	1	IEL	1286.9	1956.5	14-07-65
Willara 1	4	10	DEPTH DETERMINATION	1460.0	1572.8	30-07-65
Willara 1	4	2	GR-SONIC-CAL	1286.0	1955.3	15-07-65
Willara 1	4	3	ML-CAL	1286.9	1956.8	15-07-65

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Willara 1	4	4	LL	1249.7	1955.6	15-07-65
Willara 1	4	5	CDM	1276.2	1954.1	16-07-65
Willara 1	4	6	CBL	1161.3	1466.1	28-07-65
Willara 1	4	7	DEPTH DETERMINATION	1356.4	1471.3	26-07-65
Willara 1	4	8	DEPTH DETERMINATION	1444.8	1566.7	27-07-65
Willara 1	4	9	DEPTH DETERMINATION	1471.9	1471.9	28-07-65
Willara 1	5	1	IEL	1956.5	2680.1	16-08-65
Willara 1	6	1	IEL	2680.1	3368.3	7-09-65
Willara 1	6	2	GR-SONIC-CAL	1955.3	3367.4	7-09-65
Willara 1	6	3	CDM	1954.1	3365.0	8-09-65
Willara 1	6	4	VELOCITY	513.3	3352.8	9-09-65
Willara 1	7	1	IEL	3368.3	3903.6	14-10-65
Willara 1	7	2	IEL	1956.5	3903.6	14-10-65
Willara 1	7	3	GR-SONIC-CAL	3367.4	3902.7	14-10-65
Wilson Cliffs 1	1	1	IEL	130.5	1005.5	30-11-68
Wilson Cliffs 1	1	2	SONIC	130.5	1003.4	30-11-68
Wilson Cliffs 1	1	3	GR-N	130.5	1004.6	30-11-68
Wilson Cliffs 1	1	4	GR	9.1	130.8	30-11-68
Wilson Cliffs 1	1	5	FDL	130.5	1004.6	30-11-68
Wilson Cliffs 1	1	6	CDM	737.6	1002.8	30-11-68
Wilson Cliffs 1	1	7	CBL	548.6	940.0	30-11-68
Wilson Cliffs 1	1	8	CBL	51.8	121.9	30-11-68
Wilson Cliffs 1	2	1	IEL	1006.8	1908.7	30-11-68
Wilson Cliffs 1	2	2	LL	1007.1	1493.5	30-11-68
Wilson Cliffs 1	2	3	CBL	1066.8	2385.1	30-11-68
Wilson Cliffs 1	3	1	IEL	1859.3	2387.5	30-11-68
Wilson Cliffs 1	3	2	LL	1706.9	2387.8	30-11-68
Wilson Cliffs 1	3	3	SONIC	1007.1	2386.0	30-11-68
Wilson Cliffs 1	3	4	GR-N	1007.4	2388.4	30-11-68
Wilson Cliffs 1	3	5	FDL	1007.1	2388.4	30-11-68
Wilson Cliffs 1	3	6	ML-MLL	1007.1	2387.2	30-11-68
Wilson Cliffs 1	3	7	CDM	1008.3	2387.2	30-11-68
Wilson Cliffs 1	3	8	CBL	1066.8	2385.1	30-11-68
Wilson Cliffs 1	3	9	CBL	61.0	304.8	30-11-68
Wilson Cliffs 1	4	1	IEL	2378.4	2784.0	30-11-68
Wilson Cliffs 1	4	2	FDL	2378.4	2784.0	30-11-68
Wilson Cliffs 1	4	3	CBL	1767.8	2383.8	30-11-68
Wilson Cliffs 1	5	1	IEL	2743.2	3047.1	30-11-68
Wilson Cliffs 1	5	2	SONIC	2378.0	3044.0	30-11-68
Wilson Cliffs 1	5	3	FDL	2721.9	3062.9	30-11-68
Wilson Cliffs 1	5	4	ML-MLL	2378.0	3053.5	30-11-68

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Wilson Cliffs 1	5	5	CBL	1767.8	2383.8	30-11-68
Wilson Cliffs 1	6	1	IEL	3024.8	3504.6	30-11-68
Wilson Cliffs 1	7	1	IEL	3444.2	3721.6	30-11-68
Wilson Cliffs 1	7	2	LL	2378.0	3720.1	30-11-68
Wilson Cliffs 1	7	3	SONIC	2378.0	3711.2	30-11-68
Wilson Cliffs 1	7	4	GR	2316.5	3717.3	30-11-68
Wilson Cliffs 1	7	5	FDL	3002.3	3721.6	30-11-68
Wilson Cliffs 1	7	6	MLL-LL	2987.0	3721.6	30-11-68
Wilson Cliffs 1	7	7	CDM	2392.7	3719.2	30-11-68
Wilson Cliffs 1	7	8	VELOCITY	91.4	3717.0	30-11-68
Woods Hills 1	1	1	DLL-MSFL-GR-CAL	483.0	1964.0	1-12-84
Woods Hills 1	1	2	LDL-CNL-GR-CAL	486.0	1964.0	1-12-84
Woods Hills 1	1	3	BHC-GR-CAL	486.0	1961.0	1-12-84
Woods Hills 1	1	4	EG7G MUDLOG	20.0	1978.0	1-12-84
Woods Hills 1	1	5	CST-GR	759.0	1952.0	1-12-84
Woods Hills 1	1	6	WSS	125.0	1950.0	1-12-84
Yulleroo 1	1	1	IEL	90.2	915.9	2-06-67
Yulleroo 1	1	2	GR	6.1	915.6	2-06-67
Yulleroo 1	1	3	BHC SONIC	90.2	915.3	2-06-67
Yulleroo 1	1	4	CONTINUOUS DIRECTIONAL SURVEY	30.5	914.4	2-06-67
Yulleroo 1	10	1	VELOCITY	304.8	4556.8	13-11-67
Yulleroo 1	10	2	BSGR-CAL (CAL TO 3213.81M)	4358.6	4570.5	14-11-67
Yulleroo 1	10	3	IEL	4358.6	4574.7	14-11-67
Yulleroo 1	10	4	ML-CAL	4358.6	4573.2	15-11-67
Yulleroo 1	10	5	CDM	3215.6	4567.7	16-11-67
Yulleroo 1	10	6	GR-CCL	3206.5	3421.1	24-11-67
Yulleroo 1	10	7	CBL	3032.8	3377.2	1-12-67
Yulleroo 1	2	1	IEL	882.1	2308.6	29-06-67
Yulleroo 1	2	2	CONTINUOUS DIRECTIONAL SURVEY	168.2	882.1	29-06-67
Yulleroo 1	2	3	BHC-SONIC-CAL-GR	882.1	2305.8	29-06-67
Yulleroo 1	3	1	IEL	2278.1	2982.2	1-08-67
Yulleroo 1	3	2	BHC-SONIC	2275.3	3001.1	2-08-67
Yulleroo 1	3	3	ML	881.5	3002.0	3-08-67
Yulleroo 1	4	1	IEL	2941.3	3223.9	13-08-67
Yulleroo 1	4	2	ML	2941.3	3224.2	13-08-67
Yulleroo 1	4	3	BHC-SONIC-GR	2225.0	3223.6	14-08-67
Yulleroo 1	4	4	BHC-SONIC	2941.3	3223.6	14-08-67
Yulleroo 1	4	5	TEMP LOG	1524.0	2651.8	16-08-67
Yulleroo 1	5	1	ML	3219.0	3311.3	22-08-67
Yulleroo 1	5	2	ML	3218.7	3341.8	31-08-67
Yulleroo 1	6	1	CONTINUOUS DIRECTIONAL SURVEY	3218.7	3522.6	15-09-67

Appendix 3 (cont.)

<i>Well name</i>	<i>Suite no</i>	<i>Run no</i>	<i>Run name</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Date run</i>
Yulleroo 1	6	2	MLL	3218.1	3522.6	15-09-67
Yulleroo 1	6	3	BHC SONIC-CAL-GR	3218.7	3521.0	15-09-67
Yulleroo 1	7	1	FDC	3218.4	3698.4	24-09-67
Yulleroo 1	7	2	IEL	3218.7	3698.4	24-09-67
Yulleroo 1	8	1	BHC SONIC-CAL-GR	3490.0	4080.1	15-10-67
Yulleroo 1	8	2	ML	3490.0	4081.9	15-10-67
Yulleroo 1	8	3	IEL	3657.6	4078.2	15-10-67
Yulleroo 1	9	1	IEL	3901.4	4455.0	5-11-67
Yulleroo 1	9	2	ML	4038.6	4453.7	5-11-67
Yulleroo 1	9	3	BHC SONIC-GR	3901.4	4440.9	5-11-67

Appendix 4

Sidewall core data

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Atrax 1	Grant Gp		1	30	3.3	408.0	Slty Clst	Percussion		
Atrax 1	Grant Gp		1	29	2.9	424.5	Slty Clst	Percussion		
Atrax 1	Grant Gp		1	28	4.9	436.0	Sltst	Percussion		
Atrax 1	Grant Gp		1	27	3.5	451.5	Arg Sltst	Percussion		
Atrax 1	Grant Gp		1	26	3.6	459.0	Sst	Percussion		
Atrax 1	Grant Gp		1	25	3.3	469.0	Slty clst	Percussion		
Atrax 1	Grant Gp		1	24	3.5	489.3	Arg Sltst	Percussion		
Atrax 1	Grant Gp		1	23	3.4	517.8	Slty Sh, Arg Sltst	Percussion		
Atrax 1	Grant Gp		1	22	3	532.5	Slty Clst	Percussion		
Atrax 1	Grant Gp		1	21	2.3	541.6	Sst	Percussion		
Atrax 1	Grant Gp		1	20	2	546.8	Arg Sltst, Sst	Percussion		
Atrax 1	Grant Gp		1	19	1.5	555.0	Sst	Percussion		
Atrax 1	Grant Gp		1	18	3.5	566.5	Slty Clst	Percussion		
Atrax 1	Grant Gp		1	17	1.5	577.6	Sst	Percussion		
Auld 1	Poole Sandstone		1	30	0	205.3	Misfire	Percussion		
Auld 1	Grant Gp	Unit C	1	29	5	219.1	Clst	Percussion		
Auld 1	Grant Gp	Unit C	1	28		240.1	Reject	Percussion		
Auld 1	Grant Gp	Unit C	1	27	0	271.9	Misfire	Percussion		
Auld 1	Grant Gp	Unit C	1	26	4.5	277.2	Clst	Percussion		
Auld 1	Grant Gp	Unit C	1	25	0	279.9	Lost	Percussion		
Auld 1	Grant Gp	Unit B	1	24	4.5	288.4	Misfire	Percussion		
Auld 1	Grant Gp	Unit B	1	23	4.7	318.0	Lam Sst/Clst	Percussion		
Auld 1	Grant Gp	Unit B	1	22	4.5	385.0	Sst	Percussion		
Auld 1	Grant Gp	Unit B	1	21	0	478.4	Misfire	Percussion		
Auld 1	Grant Gp	Unit B	1	20	0	480.5	Lost	Percussion		
Auld 1	Grant Gp	Unit B	1	19	4.1	504.4	Clst	Percussion		
Auld 1	Grant Gp	Unit B	1	18	0	525.5	Misfire	Percussion		
Auld 1	Grant Gp	Unit B	1	17	3	527.5	Clst	Percussion		
Auld 1	Grant Gp	Unit B	1	16	3.5	538.2	Sdy Clst	Percussion		
Auld 1	Grant Gp	Unit B	1	15	0	560.5	Misfire	Percussion		
Auld 1	Grant Gp	Unit A	1	14	0	566.7	Empty	Percussion		
Auld 1	Grant Gp	Unit A	1	13		603.1	Clst	Percussion		
Auld 1	Grant Gp	Unit A	1	12	0	635.0	Misfire	Percussion		
Auld 1	Grant Gp	Unit A	1	11	2.6	692.1	Clst	Percussion		
Auld 1	Grant Gp	Unit A	1	10	2.7	718.0	Clst	Percussion		
Auld 1	Grant Gp	Unit A	1	9	0	737.8	Misfire	Percussion		
Auld 1	Grant Gp	Unit A	1	8	1.7	759.0	Clst	Percussion		
Auld 1	Grant Gp	Unit A	1	7	2	776.1	Clst	Percussion		

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Auld 1	Grant Gp	Unit A	1	6	1.8	789.1	Sst	Percussion		
Barbwire 1	Dora Mbr		1	1	5.08	128.6	Sst	Percussion		
Bindi 1	Lightjack Fm		1	29	3.5	625.0	Clst	Percussion		
Bindi 1	Noonkanbah Fm		1	28	3.7	648.0	Clst	Percussion		
Bindi 1	Noonkanbah Fm		1	27	3.5	675.0	Clst w/ lam v f Sst	Percussion		
Bindi 1	Noonkanbah Fm		1	26	3.5	690.0	Clst	Percussion		
Bindi 1	Noonkanbah Fm		1	25	3.5	705.0	Clst	Percussion		
Bindi 1	Noonkanbah Fm		1	24	3.5	725.0	Clst	Percussion		
Bindi 1	Noonkanbah Fm		1	23	3.5	743.0	Clst	Percussion		
Bindi 1	Noonkanbah Fm		1	30	3.1	859.2	Clst	Percussion		
Bindi 1	Noonkanbah Fm		1	29	2.3	905.6	Clst	Percussion		
Bindi 1	Poole Sandstone		1	28	3	921.0	Clst	Percussion		
Bindi 1	Poole Sandstone		1	27	2.6	930.1	Clst	Percussion		
Bindi 1	Poole Sandstone		1	22	3.5	975.1	Sh	Percussion		
Bindi 1	Poole Sandstone		1	26	1.8	976.0	Clst	Percussion		
Bindi 1	Poole Sandstone		1	21	3	984.0	Clst	Percussion		
Bindi 1	Winifred Fm	?Winifred Fm Upp intra-Grant Seal	1	25	2.8	1047.5	Clst	Percussion		
Bindi 1	Winifred Fm	?Winifred Fm Upp intra-Grant Seal	1	24	2.4	1065.0	Slst	Percussion		
Bindi 1	Winifred Fm	?Winifred Fm Upp intra-Grant Seal	1	23	2	1071.0	Arg Sdy Slst	Percussion		
Bindi 1	Winifred Fm	?Winifred Fm Upp intra-Grant Seal	1	22	1.5	1085.1	Clst	Percussion		
Bindi 1	Winifred Fm	?Winifred Fm Upp intra-Grant Seal	1	21	0	1095.0	Misfire	Percussion		
Bindi 1	Betty Fm		1	20	1.5	1172.9	Sst	Percussion		
Bindi 1	Betty Fm		1	19	2	1183.0	Intbd Clst/Sst	Percussion		
Bindi 1	Betty Fm		1	18	2	1194.2	Clst	Percussion		
Bindi 1	Grant Gp	Top Lwr Intra-Grant Seal	1	20	3.2	1223.2	Clst	Percussion		
Bindi 1	Grant Gp	Top Lwr Intra-Grant Seal	1	17	2	1225.5	Sst	Percussion		
Bindi 1	Grant Gp	Top Lwr Intra-Grant Seal	1	16	2	1234.0	Sst	Percussion		
Bindi 1	Grant Gp	Top Lwr Intra-Grant Seal	1	19	1.7	1235.0	Clst	Percussion		
Bindi 1	Grant Gp	Top Lwr Intra-Grant Seal	1	18	1.5	1248.5	Clst	Percussion		
Bindi 1	Grant Gp	Top Lwr Intra-Grant Seal	1	15	2	1276.0	Clst	Percussion		
Bindi 1	Grant Gp	Top Lwr Intra-Grant Seal	1	14	1.5	1288.4	Ls	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	17	1.8	1310.0	Arg Slst	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	16	1.7	1377.0	Clst	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	13	2	1386.0	Clst	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	15	1.6	1405.1	Sst	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	14	1.2	1422.3	Clst	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	12	2	1437.1	Ls	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	11	2.5	1438.5	Clst	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	13	1.8	1475.4	Clst	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	12	2.2	1497.0	Clst	Percussion		
Bindi 1	Grant Gp	Base Lwr Intra-Grant Seal	1	10	3	1499.4	Slst grad to v f Sst	Percussion		

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	9	1.5	1586.5	Sltst	Percussion		
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	8	3	1589.9	Sh	Percussion		
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	7	0.5	1617.0	Dol	Percussion		
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	6	2	1620.0	Dol	Percussion		
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	5	2.5	1629.0	Dol	Percussion		
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	4	2.5	1634.0	Dol	Percussion		
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	11	0.8	1641.1	Sst	Percussion		
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	3	1.5	1650.0	Dol	Percussion		
Bindi 1	Carboniferous	Fraser River Shale Equiv?	1	2	2	1656.0	Dol	Percussion		
Bindi 1	Carboniferous	Lower Pre-Grant Unit	1	1	2	1679.5	Ls	Percussion		
Bindi 1	Anderson Fm	Units D, E, F & G	1	10	3.8	1833.1	Clst	Percussion		
Bindi 1	Anderson Fm	Units D, E, F & G	1	9	2.3	1897.1	Clst	Percussion		
Bindi 1	Anderson Fm	Units D, E, F & G	1	8	5	1918.7	Clst	Percussion		
Bindi 1	Anderson Fm	Units D, E, F & G	1	7	4.2	1999.4	Clst	Percussion		
Bindi 1	Anderson Fm	Units D, E, F & G	1	6	2.4	2224.9	Clst	Percussion		
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	1	5	2.5	2348.1	Clst	Percussion		
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	1	4	1.4	2373.0	Sdy Sltst	Percussion		
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	1	3	2.2	2393.0	Clst	Percussion		
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	1	2	2	2435.5	Sltst	Percussion		
Bindi 1	Laurel Fm	?Laurel Fm	1	1	4	2481.4	Clst	Percussion		
Blina 1	Yellow Drum Fm		1	1	0	1260.0	No Rec	Percussion		
Blina 1	Yellow Drum Fm		1	2	1.5	1273.6	Sltst	Percussion	VP	
Blina 1	Yellow Drum Fm		1	3	0	1281.5	No Rec	Percussion		
Blina 1	Yellow Drum Fm		1	4	0	1285.5	No Rec	Percussion		
Blina 1	Yellow Drum Fm		1	5	1	1298.0	Sltst	Percussion		
Boundary 1	Grant Gp	Grant 'Unit A'	1	24	2	948.0	Clst	Percussion		
Boundary 1	Grant Gp	Grant 'Unit A'	1	23	3	949.0	Sst	Percussion		
Boundary 1	Grant Gp	Grant 'Unit A'	1	22	3.5	950.0	Sst	Percussion		
Boundary 1	Grant Gp	Grant 'Unit A'	1	21	0	987.5	No Rec	Percussion		
Boundary 1	Grant Gp	Grant 'Unit C'	1	20	2	1278.0	Sst	Percussion		
Boundary 1	Grant Gp	Grant 'Unit C'	1	19	2.5	1278.5	V slty Sst/Aren Sltst	Percussion		
Boundary 1	Grant Gp	Grant 'Unit C'	1	18	2.5	1279.5	Sst	Percussion	E	
Boundary 1	Grant Gp	Grant 'Unit C'	1	17	1.5	1280.5	Sst	Percussion	E	
Boundary 1	Anderson Fm		1	16	0	1572.0	No Rec	Percussion		
Boundary 1	Anderson Fm		1	15	2.5	1573.4	Sst	Percussion		
Boundary 1	Anderson Fm		1	14	3	1574.0	Sst	Percussion		
Boundary 1	Anderson Fm		1	13	2.5	1575.0	Sst	Percussion		
Boundary 1	Anderson Fm		1	12	0	1576.0	No Rec	Percussion		
Boundary 1	Anderson Fm		1	11	3	1581.5	Sst	Percussion		
Boundary 1	Anderson Fm		1	10	2	1585.0	Sst	Percussion		
Boundary 1	Anderson Fm		1	9	2.5	1589.0	Sst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Boundary 1	Anderson Fm		1	8	1.5	1607.5	Arg Sltst	Percussion		
Boundary 1	Anderson Fm		1	7	2.5	1608.5	Sst	Percussion	F	
Boundary 1	Anderson Fm		1	6	3	1610.0	Intlam Sst	Percussion	E	
Boundary 1	Anderson Fm		1	5	3	1618.0	Sst	Percussion		
Boundary 1	Anderson Fm		1	4	2.5	1621.0	Sst	Percussion		
Boundary 1	Anderson Fm		1	3	3.5	1623.0	Sst	Percussion		
Boundary 1	Anderson Fm		1	2	0	1630.0	No Rec	Percussion		
Boundary 1	Anderson Fm		1	1	0	1645.0	No Rec	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 5A	1	48	3.5	532.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 5A	1	47	3.5	557.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 5A	1	46	3	572.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 5A	1	45	3	581.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 4	1	44	4	599.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 4	1	43	4	622.5	Sst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 4	1	42	4	640.5	Sst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 4	1	41	0	644.5	Empty	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 3	1	40	4	648.5	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 3	1	39	3.5	654.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 3	1	38	4	697.5	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 3	1	37	2.5	744.5	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 3	1	36	2.5	760.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 3	1	35	2.5	795.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 2	1	34	3	807.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 2	1	33	3.5	860.0	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 2	1	32	2.5	881.5	Clst	Percussion		
Calamia 1	Grant Gp	Grant Gp Unit 2	1	31	1.5	887.5	Sst	Percussion		
Carina 1	Grant Gp	Grant Gp A	1	24	4.8	442.0	Clst	Percussion		
Carina 1	Grant Gp	Grant Gp A	1	23	4.8	487.0	Clst	Percussion		
Carina 1	Grant Gp	Grant Gp B	1	22	3.6	493.0	Clst (?Sh)	Percussion		
Carina 1	Grant Gp	Grant Gp B	1	21	4.7	568.0	Arg Sst	Percussion		
Carina 1	Grant Gp	Grant Gp B	1	20	3.8	625.0	Arg sdy Slt	Percussion		
Carina 1	Grant Gp	Grant Gp B	1	19	4.5	638.2	Arg Sst	Percussion		
Carina 1	Grant Gp	Grant Gp B	1	18	3.8	650.5	Arg sdy Sltst	Percussion		
Carina 1	Grant Gp	Grant Gp B	1	17	3.8	657.0	Clst	Percussion		
Crimson Lake 1	Liveringa Gp		1	41	1.2	1.7	Sltst	Percussion		
Crimson Lake 1	Carolyn Fm		1	46	2.3	835.0	Sst	Percussion		
Crimson Lake 1	Winifred Fm		1	45	1	1028.5	Sst	Percussion	P	
Crimson Lake 1	Winifred Fm		1	44	1.8	1032.0	Sst	Percussion	P	
Crimson Lake 1	Winifred Fm		1	43	1.8	1035.0	Sst	Percussion		
Crimson Lake 1	Winifred Fm		1	42	1.8	1053.5	Sst	Percussion		
Crimson Lake 1	Winifred Fm		1	40	2	1084.0	Sst	Percussion		

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Crimson Lake 1	Betty Fm		1	39	1.5	1092.0	Sst	Percussion		
Crimson Lake 1	Betty Fm		1	38	1.8	1116.0	Sst	Percussion		
Crimson Lake 1	Grant Gp	Lower Grant Gp 'Pre-Glacial Unit'	1	37	1.7	1457.0	Sst	Percussion		
Crimson Lake 1	Anderson Fm		1	36	1.2	1481.0	Sst	Percussion		
Crimson Lake 1	Anderson Fm		1	35	0	1482.0	Missing	Percussion		
Crimson Lake 1	Anderson Fm		1	34	0	1486.0	Missing	Percussion		
Crimson Lake 1	Anderson Fm		1	33	2	1498.5	Sst	Percussion		
Crimson Lake 1	Anderson Fm		1	32	1.5	1505.5	Sst	Percussion		
Crimson Lake 1	Anderson Fm		1	31	2.5	1519.2	Sst	Percussion		
Crimson Lake 1	Anderson Fm		1	30	1	1523.0	Sst	Percussion		
Crimson Lake 1	Anderson Fm		1	29	0.2	1527.5	Clst	Percussion		
Crimson Lake 1	Anderson Fm		1	28	1	1534.5	Sst	Percussion		
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	27	2	1551.5	Sst	Percussion		
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	25	0.5	1574.0	Sst	Percussion	P	
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	24	3	1577.0	Clst	Percussion		
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	23	0.7	1599.3	Sst	Percussion	F	
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	22	0.6	1606.0	Sltst	Percussion		
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	20	2	1640.0	Sltst	Percussion	P	
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	19	1.2	1660.0	Sst	Percussion	P	
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	18	2	1676.0	Clst	Percussion		
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	17	1.3	1689.5	Sst	Percussion	E	
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	16	2	1695.0	Sh	Percussion		
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	15	1.2	1704.5	Sst	Percussion	P	
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	14	2	1710.0	Sh	Percussion		
Crimson Lake 1	Laurel Fm	Upper Carbonate Mbr	1	13	0.8	1757.5	Ls	Percussion	P	
Crimson Lake 1	Laurel Fm	Upper Carbonate Mbr	1	12	2.8	1783.0	Sh/Clst	Percussion		
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1	11	2	1815.5	Sh/Clst	Percussion		
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1	10	3.4	1836.0	Sh	Percussion		
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1	9	3.5	1843.5	Sh	Percussion		
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1	8	2.5	1871.5	Sst	Percussion	P	
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1	7	1	1873.0	Sst	Percussion	F	
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1	6	0.8	1881.5	Sst	Percussion	F	
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1	5	1.5	1895.0	Clslt	Percussion	P	
Crimson Lake 1	Laurel Fm	Lower Carbonate Mbr	1	4	1	1923.0	Clslt	Percussion	P	
Crimson Lake 1	Laurel Fm	Lower Carbonate Mbr	1	3	0.8	1939.0	Clslt Ls	Percussion	P	
Crimson Lake 1	Laurel Fm	Lower Carbonate Mbr	1	2	1	1954.5	Clslt Ls	Percussion		
Crimson Lake 1	Laurel Fm	Lower Carbonate Mbr	1	1	2	1962.0	Sltst	Percussion		
Cycas 1	Noonkanbah Fm		1	30	2	254.0	Sltst	Percussion		
Cycas 1	Noonkanbah Fm		1	29	4	290.0	Sltst	Percussion		
Cycas 1	Noonkanbah Fm		1	28	3	339.2	Sltst	Percussion	P	
Cycas 1	Noonkanbah Fm		1	27	2.5	353.7	Sltst	Percussion	P	

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Cycas 1	Noonkanbah Fm		1	26		386.6	Sdy Sltst	Percussion	P	Frag rec
Cycas 1	Noonkanbah Fm		1	25	3	425.6	Sdy Sltst	Percussion		
Cycas 1	Poole Sandstone		1	24		443.2	Sst	Percussion		Frag rec
Cycas 1	Poole Sandstone		1	23	3.5	478.0	Sst	Percussion		
Cycas 1	Poole Sandstone		1	22	1.5	502.0	Sdy Sltst	Percussion	P	
Cycas 1	Poole Sandstone		1	21		519.8	Sdy Sltst	Percussion		Frag rec
Cycas 1	Poole Sandstone		1	20		532.4	Sltst	Percussion	P	Frag rec
Cycas 1	Poole Sandstone		1	19		568.5	Sst	Percussion		Frag rec
Cycas 1	Poole Sandstone		1	18		587.5	Sst	Percussion		Frag rec
Cycas 1	Nura Nura Mbr		1	17	0	606.3	No Rec	Percussion		
Cycas 1	Grant Gp	Unit C	1	16	2	632.7	Sst	Percussion		
Cycas 1	Grant Gp	Unit C	1	15	0	682.2	No Rec	Percussion		
Cycas 1	Grant Gp	Unit C	1	14		727.0	Sltst	Percussion		Frag rec
Cycas 1	Grant Gp	Unit C	1	13		753.6	Sst	Percussion		Frag rec
Cycas 1	Grant Gp	Unit C	1	12		778.7	Sst	Percussion		Frag rec
Cycas 1	Grant Gp	Unit C	1	11		795.0	Sst	Percussion	P	Frag rec
Cycas 1	Grant Gp	Unit C	1	10		822.8	Sst	Percussion	P	Frag rec
Cycas 1	Grant Gp	Unit C	1	9		860.9	Sst	Percussion		Frag rec
Cycas 1	Grant Gp	Unit B	1	8		876.4	Sltst	Percussion	P	Frag rec
Cycas 1	Grant Gp	Unit B	1	7		883.5	Sltst	Percussion	P	Frag rec
Cycas 1	Grant Gp	Unit B	1	6		890.5	Slt Sst	Percussion	P	Frag rec
Cycas 1	Grant Gp	Unit B	1	5	0	906.8	No Rec	Percussion		
Cycas 1	Grant Gp	Unit B	1	4	5	918.3	Sltst	Percussion	P	
Cycas 1	Grant Gp	Unit B	1	3		939.2	Sst	Percussion	P	Frag rec
Cycas 1	Grant Gp	Unit A	1	2	0	965.5	No Rec	Percussion		
Cycas 1	Grant Gp	Unit A	1	1		975.0	Sst	Percussion	P	Frag rec
Cycas 1	Grant Gp	Unit A	2	60		1150.0	Sh	Percussion		
Cycas 1	Grant Gp	Unit A	2	59	0	1657.5	Empty	Percussion		
Cycas 1	Grant Gp	Upper Pre-Glacial Unit	2	58	0	1732.0	Empty	Percussion		
Cycas 1	Grant Gp	Upper Pre-Glacial Unit	2	57	0	1801.0	Empty	Percussion		
Cycas 1	Grant Gp	Upper Pre-Glacial Unit	2	56	2.5	2077.0	Mud cake	Percussion		
Cycas 1	Grant Gp	Lower Pre-Glacial Unit	2	55	1	2136.0	Sltst/Sh	Percussion		
Cycas 1	Grant Gp	Lower Pre-Glacial Unit	2	54	5	2224.0	Sh/Clst	Percussion		
Cycas 1	Grant Gp	Lower Pre-Glacial Unit	2	53	3	2255.0	Sh-Clst	Percussion		
Cycas 1	Grant Gp	Lower Pre-Glacial Unit	2	52	2	2277.5	Sst	Percussion		
Cycas 1	Anderson Fm		2	51	1.5	2300.0	Clst	Percussion		
Cycas 1	Anderson Fm		2	50	4	2326.5	Cly Sst	Percussion	G	
Cycas 1	Anderson Fm		2	49	1.5	2327.5	Sst	Percussion		
Cycas 1	Anderson Fm		2	48	0	2338.5	Empty	Percussion		
Cycas 1	Anderson Fm		2	47		2349.0	Ls	Percussion		
Cycas 1	Anderson Fm		2	46	1.5	2357.5	Sh	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Cycas 1	Anderson Fm		2	45	0.8	2361.5	Sh	Percussion		
Cycas 1	Anderson Fm		2	44	1	2378.5	Sst	Percussion		
Cycas 1	Anderson Fm		2	43	1	2415.0	Sst	Percussion		
Cycas 1	Anderson Fm		2	42	1.5	2437.0	Sst	Percussion		
Cycas 1	Anderson Fm		2	41	1.2	2461.5	Sst	Percussion		
Cycas 1	Anderson Fm		2	40	0	2504.5	Empty	Percussion		
Cycas 1	Anderson Fm		2	39	0.5	2510.0	Sst	Percussion		
Cycas 1	Anderson Fm		2	38		2516.0	Mud cake	Percussion		
Cycas 1	Anderson Fm		2	37	1	2602.0	Sh	Percussion		
Cycas 1	Anderson Fm		2	36	1.5	2612.0	Sst	Percussion		
Cycas 1	Anderson Fm		2	35	2.5	2625.0	Sltst/Clst	Percussion		
Cycas 1	Anderson Fm		2	34	2	2697.5	Sst	Percussion		
Cycas 1	Anderson Fm		2	33	1.5	2784.0	Clst/Sh	Percussion		
Cycas 1	Laurel Fm		2	32	1.5	2816.0	Sh	Percussion		
Cycas 1	Laurel Fm		2	31	0	2820.0	Empty	Percussion		
Darriwell 1	Grant Gp	Unit 5A	1	11	4	540.5	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 5A	1	12	4	540.5	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 5A	1	9	4	571.0	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 5A	1	10	4	571.0	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 5A	1	8	4	611.0	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 4	1	7	4	635.0	Sltst	Percussion		
Darriwell 1	Grant Gp	Unit 3	1	6	4	652.0	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 3	1	19	4	668.0	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 2	1	18	3	721.0	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 2	1	17	3	773.9	Sltst	Percussion		
Darriwell 1	Grant Gp	Unit 2	1	16	0	809.0	No rec	Percussion		
Darriwell 1	Grant Gp	Unit 2	1	15	0	952.5	No rec	Percussion		
Darriwell 1	Grant Gp	Unit 2	1	14	2	963.5	Cgl	Percussion		
Darriwell 1	Grant Gp	Unit 2	1	13	3	1010.4	Clst	Percussion		
Darriwell 1	Grant Gp	Unit 2	1	12	3	1058.0	Cgl	Percussion		
Darriwell 1	Grant Gp	Pre-glacial Unit	1	11	3	1193.3	Clst	Percussion		
Darriwell 1	Grant Gp	Pre-glacial Unit	1	10	3	1212.0	Sst	Percussion		
Darriwell 1	Grant Gp	Pre-glacial Unit	1	9	3	1236.6	Sst	Percussion		
Ellendale 1	Cuncudgerie Mbr		1	30		1094.0	Clst	Percussion		
Ellendale 1	Cuncudgerie Mbr		1	29		1192.5	No Ret	Percussion		
Ellendale 1	Cuncudgerie Mbr		1	28		1300.0	No Ret	Percussion		
Ellendale 1	Cuncudgerie Mbr		1	27		1350.0	No Ret	Percussion		
Ellendale 1	Anderson Fm		1	26		1426.5	Clay	Percussion		
Ellendale 1	Anderson Fm		1	25		1433.0	Sltst to Sst	Percussion		
Ellendale 1	Anderson Fm		1	24		1456.0	Sst	Percussion		
Ellendale 1	Anderson Fm		1	23		1489.0	Sst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Ellendale 1	Anderson Fm		1	22		1522.0	Sst	Percussion		
Ellendale 1	Anderson Fm		1	21		1530.0	Sst	Percussion		
Ellendale 1	Laurel Fm		1	20		1554.0	Sst	Percussion		
Ellendale 1	Laurel Fm		1	19		1587.0	Sst	Percussion	2%	
Ellendale 1	Laurel Fm		1	18		1627.0	Sst	Percussion	5%	
Ellendale 1	Laurel Fm		1	17		1645.5	No Ret	Percussion		
Ellendale 1	Laurel Fm		1	16		1650.0	Sst	Percussion	30%	
Ellendale 1	Laurel Fm		1	15		1653.0	Sst	Percussion	20%	
Ellendale 1	Laurel Fm		1	14		1657.0	Sst	Percussion	30%	
Ellendale 1	Laurel Fm		1	13		1663.0	No Ret	Percussion		
Ellendale 1	Laurel Fm		1	12		1681.0	Sst	Percussion	90%	
Ellendale 1	Laurel Fm		1	11		1698.5	Sst	Percussion	Tr	
Ellendale 1	Laurel Fm		1	10		1706.0	Sst	Percussion		
Ellendale 1	Laurel Fm		1	9		1746.0	No Ret	Percussion		
Ellendale 1	Laurel Fm		1	8		1750.5	Clcar	Percussion	5%	
Ellendale 1	Laurel Fm		1	7		1760.5	Clslt	Percussion		
Ellendale 1	Laurel Fm		1	6		1837.5	No Ret	Percussion		
Ellendale 1	Laurel Fm		1	5		1929.5	Sh	Percussion		
Ellendale 1	Laurel Fm		1	4		2038.5	Sh	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	1	3	0	2157.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	1	2		2159.0	Clslt-Clcld	Percussion	2%	
Ellendale 1	Fairfield Gp	Carbonate Mbr	1	1	0	2166.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	30		2200.0	Ls-Clslt	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	29		2235.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	28		2275.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	27		2325.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	26		2349.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	25		2365.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	24		2371.0	Ls, Dol	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	22		2377.0	Ls, Dol	Percussion	Faint, wh cut	
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	20		2380.0	Ls, Dol	Percussion	Tr	
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	19		2385.0	No Ret	Percussion	Tr	
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	21		2385.0	Ls	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	18		2390.0	Ls, Dol	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	17		2424.0	Ls	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	16		2483.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	20		2485.0	Ls	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	15		2523.0	Dol	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	14		2548.0	Dol	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	13		2591.0	Dol	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	12		2615.0	No Ret	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	11		2663.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Carbonate Mbr	2	10		2702.0	Ls-Dol	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	9		2768.0	Sltst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	8		2774.0	Ls-ClcIt	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	7		2805.0	Sh	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	6		2821.0	Sltst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	5		2834.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	4		2842.0	Sltst Clst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	3		2853.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	2		2913.0	Sltst clst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	1		2918.0	Sst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	19		2950.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	18		2985.0	Ls	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	17		3000.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	16		3020.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	15		3029.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	14		3050.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	13		3083.0	Ls	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	12		3107.0	Sh	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	11		3125.0	Sltst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	10		3140.0	Ls	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	9		3151.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	8		3156.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	7		3159.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	6		3167.5	Sltst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	5		3175.0	Sst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	4		3183.0	No Ret	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	3		3185.0	Sltst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	2		3187.0	Sltst	Percussion		
Ellendale 1	Fairfield Gp	Clastic Mbr	2	1		3191.0	Sltst	Percussion		
Frankenstein 1	Grant Gp	Upper Unit 'A'	1	30	3.3	434.5	Clst	Percussion		
Frankenstein 1	Grant Gp	Upper Unit 'A'	1	29	2.3	451.5	Clst	Percussion		
Frankenstein 1	Grant Gp	Middle Unit 'A'	1	28	0.8	475.0	Mrl	Percussion		
Frankenstein 1	Grant Gp	Lower Unit 'A'	1	27	2.8	530.0	Clst	Percussion		
Frankenstein 1	Grant Gp	Lower Unit 'A'	1	26	3.2	604.0	Clst	Percussion		
Frankenstein 1	Grant Gp	Lower Unit 'A'	1	25	2.5	680.0	Clst	Percussion		
Frankenstein 1	Grant Gp	Lower Grant Unit '1'	1	24	2.5	742.0	Clst	Percussion		
Frankenstein 1	Grant Gp	Lower Grant Unit '4'	1	23	2.2	843.0	Sst	Percussion		
Frankenstein 1	Grant Gp	Lower Grant Unit '4'	1	22	2.5	857.0	Sst	Percussion		
Frankenstein 1	Unnamed	Pre Grant	1	21	2.1	882.0	Sltst/Sst	Percussion		
Frankenstein 1	Unnamed	Pre Grant	1	20	3.2	901.1	Sltst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Jones Range 1	Laurel Fm		3	30	0.3175	1735.0	Sst	Percussion		
Jones Range 1	Laurel Fm		3	21	1.27	1739.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	29	0	1750.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	20	0	1767.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	28	2.54	1776.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	27	3.175	1798.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	26	3.175	1816.0	Clst	Percussion		
Jones Range 1	Laurel Fm		3	25	2.54	1862.0	Cl	Percussion		
Jones Range 1	Laurel Fm		3	24	0	1900.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	23	1.27	1908.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	22	2.54	1925.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	19	1.905	1933.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	21	2.54	1946.0	Cl	Percussion		
Jones Range 1	Laurel Fm		3	20	2.54	1970.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	19	1.905	1986.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	18	3.81	2001.0	Sst, Clst	Percussion		
Jones Range 1	Laurel Fm		3	18	1.905	2003.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	17	0.3175	2028.0	Sst	Percussion		
Jones Range 1	Laurel Fm		3	17	1.27	2045.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	16	1.27	2049.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	16	1.27	2067.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	15	2.54	2078.0	Sh	Percussion		
Jones Range 1	Laurel Fm		3	14	1.905	2092.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	13	1.27	2114.0	Sst	Percussion		
Jones Range 1	Laurel Fm		3	15	3.175	2120.0	Sh	Percussion		
Jones Range 1	Laurel Fm		3	14	3.81	2134.0	Clst	Percussion		
Jones Range 1	Laurel Fm		3	13	2.54	2142.0	Sh	Percussion		
Jones Range 1	Laurel Fm		3	12	0	2150.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	11	0	2152.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	12	1.27	2164.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	11	1.27	2190.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	10	1.27	2206.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	9	0.635	2216.0	Sst	Percussion		
Jones Range 1	Laurel Fm		3	10	2.54	2236.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	9	0	2257.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	8	1.27	2265.0	Clst	Percussion		
Jones Range 1	Laurel Fm		3	8	0	2272.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	7	0.635	2281.0	Sst	Percussion		
Jones Range 1	Laurel Fm		3	7	0	2286.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	6	0	2292.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	5	1.905	2302.0	Sltst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Jones Range 1	Laurel Fm		3	6	1.27	2353.0	Sltst	Percussion		
Jones Range 1	Laurel Fm		3	4	0	2382.0	No Rec	Percussion		
Jones Range 1	Laurel Fm		3	5	0.254	2391.0	Sh	Percussion		
Juno 1	Grant Gp		1	30		690.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	29		796.5	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	28		867.5	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	27		935.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	26		938.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	25		942.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	24		944.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	23		946.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	22		960.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	21		1080.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	20		1081.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	19		1091.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	18		1173.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	17		1261.0	Not submitted by Operator	Percussion		
Juno 1	Grant Gp		1	16		1295.0	Not submitted by Operator	Percussion		
Kidson 1	Noonkanbah Fm		1	1		335.3	Sh	Percussion		
Kidson 1	Noonkanbah Fm		1	2		497.7	Sltst	Percussion		
Kidson 1	Noonkanbah Fm		1	3		548.6	Sltst	Percussion		
Kidson 1	Poole Sandstone		1	4		707.1	Sltst	Percussion		
Kidson 1	Poole Sandstone		1	5		728.5	Sltst	Percussion		
Kidson 1	Dora Mbr	Dora Shale Mbr	1	6		739.1	Sltst	Percussion		
Kidson 1	Dora Mbr	Dora Shale Mbr	1	7		769.6	Sst	Percussion		
Kidson 1	Dora Mbr	Dora Shale Mbr	1	8		850.4	Sst	Percussion		
Kidson 1	Dora Mbr	Dora Shale Mbr	1	9		911.4	Sltst	Percussion		
Kidson 1	Dora Mbr	Dora Shale Mbr	2	10	5.08	976.3	Sltst	Percussion		
Kidson 1	Cuncudgerie Mbr	Cuncudgerie Sandstone Mbr	2	11	5.08	1120.7	Sltst	Percussion		
Kidson 1	Cuncudgerie Mbr	Cuncudgerie Sandstone Mbr	2	12	5.08	1448.4	Sst	Percussion		
Kora 1	Liveringa Gp		1	60		575.0	Sst	Percussion		
Kora 1	Noonkanbah Fm		1	59		674.9	Mdst	Percussion		
Kora 1	Noonkanbah Fm		1	58		820.1	Sltst	Percussion		
Kora 1	Noonkanbah Fm		1	57		990.0	Sltst	Percussion		
Kora 1	Poole Sandstone		1	56		1011.4	Sh	Percussion		
Kora 1	Poole Sandstone		1	90		1020.0	Sst	Percussion		
Kora 1	Grant Gp		1	55		1101.0	Sltst	Percussion		
Kora 1	Grant Gp		1	54		1205.0	Mdst	Percussion		
Kora 1	Grant Gp		1	53		1350.1	Sltst	Percussion		
Kora 1	Grant Gp		1	52		1521.0	No Rec	Percussion		
Kora 1	Grant Gp		1	89		1521.0	Sst	Percussion		

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Kora 1	Grant Gp	Lwr Grant Gp	1	51		1581.0	Sst/Sltst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	50		1583.5	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	49		1587.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	88		1595.1	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	48		1602.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	47		1605.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	46		1610.1	Sst	Percussion	G	
Kora 1	Grant Gp	Lwr Grant Gp	1	45		1621.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	44		1637.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	43		1647.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	42		1675.0	Sst	Percussion	Tr	
Kora 1	Grant Gp	Lwr Grant Gp	1	41		1695.0	Sst	Percussion	E	
Kora 1	Grant Gp	Lwr Grant Gp	1	40		1715.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	39		1760.0	Sltst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	38		1763.0	Sst	Percussion	E	
Kora 1	Grant Gp	Lwr Grant Gp	1	37		1770.0	Sst	Percussion	E	
Kora 1	Grant Gp	Lwr Grant Gp	1	36		1779.0	Sst	Percussion	G	
Kora 1	Grant Gp	Lwr Grant Gp	1	35		1793.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	87		1793.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	34		1840.0	Sst	Percussion		
Kora 1	Grant Gp	Lwr Grant Gp	1	33		1910.0	Sst	Percussion		
Kora 1	Anderson Fm		1	32		1921.9	Sltst	Percussion		
Kora 1	Anderson Fm		1	31		2017.0	Sst	Percussion		
Kora 1	Anderson Fm		1	30		2029.9	Misfire	Percussion		
Kora 1	Anderson Fm		1	86		2029.9	No Rec	Percussion		
Kora 1	Anderson Fm		1	29		2038.0	Misfire	Percussion		
Kora 1	Anderson Fm		1	85		2038.0	No Rec	Percussion		
Kora 1	Anderson Fm		1	28		2057.0	Misfire	Percussion		
Kora 1	Anderson Fm		1	84		2057.0	Pulled off	Percussion		
Kora 1	Anderson Fm		1	27		2072.0	Misfire	Percussion		
Kora 1	Anderson Fm		1	83		2072.0	Sltst	Percussion		
Kora 1	Anderson Fm		1	26		2083.9	Misfire	Percussion		
Kora 1	Anderson Fm		1	82		2084.0	Sst	Percussion	Tr	
Kora 1	Anderson Fm		1	25		2086.9	Misfire	Percussion		
Kora 1	Anderson Fm		1	81		2087.0	Sst	Percussion		
Kora 1	Anderson Fm		1	24		2092.9	Misfire	Percussion		
Kora 1	Anderson Fm		1	80		2093.0	No Rec	Percussion		
Kora 1	Anderson Fm		1	23		2116.4	Sst	Percussion	E	
Kora 1	Anderson Fm		1	22		2130.0	Sst	Percussion		
Kora 1	Anderson Fm		1	21		2156.6	Sh	Percussion		
Kora 1	Anderson Fm		1	20		2168.0	Sst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Kora 1	Anderson Fm		1	19		2183.5	No Rec	Percussion		
Kora 1	Anderson Fm		1	79		2186.0	Sst	Percussion		
Kora 1	Anderson Fm		1	18		2199.0	Sst	Percussion		
Kora 1	Anderson Fm		1	78		2200.0	Sst/Slst	Percussion		
Kora 1	Anderson Fm		1	17		2219.9	Sst	Percussion		
Kora 1	Anderson Fm		1	77		2222.0	Sst	Percussion		
Kora 1	Anderson Fm		1	16		2239.9	Sst	Percussion		
Kora 1	Anderson Fm		1	76		2243.0	Sst	Percussion		
Kora 1	Anderson Fm		1	15		2264.5	Sst	Percussion		
Kora 1	Laurel Fm		1	14		2286.5	Sst	Percussion		
Kora 1	Laurel Fm		1	75		2300.0	Slst	Percussion		
Kora 1	Laurel Fm		1	13		2305.0	Sh	Percussion		
Kora 1	Laurel Fm		1	74		2312.0	Sst	Percussion		
Kora 1	Laurel Fm		1	73		2326.0	Sst	Percussion		
Kora 1	Laurel Fm		1	12		2329.5	No Rec	Percussion		
Kora 1	Laurel Fm		1	72		2338.5	Sst	Percussion		
Kora 1	Laurel Fm		1	71		2348.0	Slst	Percussion		
Kora 1	Laurel Fm		1	11		2352.0	No Rec	Percussion		
Kora 1	Laurel Fm		1	70		2353.0	Slst	Percussion		
Kora 1	Laurel Fm		1	10		2357.5	No Rec	Percussion		
Kora 1	Laurel Fm		1	69		2360.0	Slst	Percussion		
Kora 1	Laurel Fm		1	9		2362.5	No Rec	Percussion		
Kora 1	Laurel Fm		1	68		2365.0	Sst	Percussion		
Kora 1	Laurel Fm		1	8		2370.0	No Rec	Percussion		
Kora 1	Laurel Fm		1	67		2373.5	Sst	Percussion		
Kora 1	Laurel Fm		1	66		2379.0	Sst	Percussion		
Kora 1	Laurel Fm		1	7		2379.5	Sst	Percussion		
Kora 1	Laurel Fm		1	6		2388.5	No Rec	Percussion		
Kora 1	Laurel Fm		1	65		2389.0	Sst	Percussion		
Kora 1	Laurel Fm		1	64		2397.0	Mdst	Percussion		
Kora 1	Laurel Fm		1	5		2399.5	No Rec	Percussion		
Kora 1	Laurel Fm		1	63		2405.0	Sst	Percussion		
Kora 1	Laurel Fm		1	4		2424.0	No Rec	Percussion		
Kora 1	Laurel Fm		1	62		2425.0	Slst	Percussion		
Kora 1	Laurel Fm		1	3		2432.1	Sst	Percussion		
Kora 1	Laurel Fm		1	2		2456.5	Sst	Percussion		
Kora 1	Laurel Fm		1	61		2459.0	Slst	Percussion		
Kora 1	Laurel Fm		1	1		2474.0	Slst	Percussion		
Kora 1	Laurel Fm		2	141		2517.0	Sh	Percussion		
Kora 1	Laurel Fm		2	140		2524.9	No Rec	Percussion		
Kora 1	Laurel Fm		2	139		2532.7	Sh	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Kora 1	Laurel Fm		2	138		2542.5	Sh	Percussion		
Kora 1	Laurel Fm		2	137		2550.0	Sh	Percussion		
Kora 1	Laurel Fm		2	136		2552.1	Sh	Percussion		
Kora 1	Laurel Fm		2	135		2557.0	Ls	Percussion		
Kora 1	Laurel Fm		2	134		2562.0	No Rec	Percussion		
Kora 1	Laurel Fm		2	133		2564.9	No Rec	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	74.7	Sdy Sltst	Percussion		
Lake Betty 1	Liveringa Gp		1		4.445	82.3	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	91.4	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		1.905	106.4	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		4.445	121.9	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	149.4	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	164.3	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	178.6	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		0	193.5	No Rec	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	210.3	Sh	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	221.6	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	232.3	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		4.445	238.7	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		5.08	256.0	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		4.445	271.0	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		3.81	283.5	Sltst	Percussion		
Lake Betty 1	Liveringa Gp		1		4.445	291.1	Sltst	Percussion		
Lake Betty 1	Liveringa Gp		1		3.81	304.8	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		0.635	321.6	Sltst	Percussion		
Lake Betty 1	Liveringa Gp		1		4.445	331.0	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		3.81	342.6	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		3.81	355.1	Sst	Percussion		
Lake Betty 1	Liveringa Gp		1		3.81	376.7	Sltst	Percussion		
Lake Betty 1	Noonkanbah Fm		1		3.81	386.8	Sh	Percussion		
Lake Betty 1	Noonkanbah Fm		1		3.81	398.7	Sst	Percussion		
Lake Betty 1	Noonkanbah Fm		1		3.175	408.1	Sh	Percussion		
Lake Betty 1	Noonkanbah Fm		1		4.445	410.0	Sltst	Percussion		
Lake Betty 1	Noonkanbah Fm		1		1.905	416.4	Sh	Percussion		
Lake Betty 1	Noonkanbah Fm		1		3.81	431.9	Sh	Percussion		
Lake Betty 1	Noonkanbah Fm		1		3.81	454.2	Sltst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	463.9	Sltst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	471.8	Sltst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.81	485.9	Sltst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.81	504.7	Clst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.81	528.8	Clst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Lake Betty 1	Noonkanbah Fm		2		3.175	537.7	Clst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	557.8	Clst/Sltst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	576.1	Clst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	591.3	Clst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	611.4	Clst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	618.4	Clst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	635.5	Clst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		2.54	656.2	Sst	Percussion		
Lake Betty 1	Noonkanbah Fm		2		3.175	667.5	Sh	Percussion		
Lake Betty 1	Poole Sandstone		2		1.905	689.5	Sst	Percussion		
Lake Betty 1	Poole Sandstone		2		2.54	702.9	Clst/Sltst	Percussion		
Lake Betty 1	Poole Sandstone		2		1.905	759.0	Sltst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	780.9	Sltst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	790.3	Sltst	Percussion		
Lake Betty 1	Grant Gp		2		1.27	813.2	Sltst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	824.8	Sst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	869.6	Sst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	880.9	Sst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	904.0	Clst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	913.5	Clst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	926.6	Clst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	931.2	Clst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	944.9	Sltst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	960.1	Clst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	979.0	Clst	Percussion		
Lake Betty 1	Grant Gp		2		3.175	999.1	Clst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	1015.0	Sltst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	1033.3	Clst	Percussion		
Lake Betty 1	Grant Gp		2		1.27	1048.5	Clst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	1064.1	Clst	Percussion		
Lake Betty 1	Grant Gp		2		0	1075.9	No Ret	Percussion		
Lake Betty 1	Grant Gp		2		1.27	1082.6	Sst	Percussion		
Lake Betty 1	Grant Gp		2		1.27	1147.0	Sst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	1175.6	Clst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	1188.7	Clst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	1206.4	Clst	Percussion		
Lake Betty 1	Grant Gp		2		2.54	1222.2	Sltst	Percussion		
Lake Betty 1	Grant Gp		2		1.27	1237.5	Clst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	1240.8	Clst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	1307.0	Sltst	Percussion		
Lake Betty 1	Grant Gp		2		1.27	1334.4	Sst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Lake Betty 1	Grant Gp		2		0.635	1393.2	Grt	Percussion		
Lake Betty 1	Grant Gp		2		1.27	1505.1	Sst(Qtzt)	Percussion		
Lake Betty 1	Grant Gp		2		3.81	1578.9	Clst	Percussion		
Lake Betty 1	Grant Gp		2		3.81	1637.7	Sst	Percussion		
Lake Betty 1	Grant Gp		2		1.905	1653.5	Sst	Percussion		
Lake Betty 1	Laurel Fm		2		3.81	1660.6	Sltst	Percussion		
Lake Betty 1	Laurel Fm		2		0	1667.6	No Ret	Percussion		
Lake Betty 1	Laurel Fm		3		1.27	1688.6	Sltst grad to v f gr Sst	Percussion		
Lake Betty 1	Laurel Fm		3		1.27	1709.3	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		1.27	1738.0	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		3.81	1763.9	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		2.54	1786.7	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		2.54	1854.4	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		1.905	1897.4	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		2.54	1909.6	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		1.905	1956.8	Sst	Percussion		
Lake Betty 1	Laurel Fm		3		1.905	1987.3	Sltst grad to v f gr Sst	Percussion		
Lake Betty 1	Laurel Fm		3		1.27	2044.3	Sltst	Percussion		
Lake Betty 1	Laurel Fm		3		1.905	2087.9	Sltst	Percussion		
Lake Betty 1	Laurel Fm		3		0.635	2126.0	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		1.27	2171.7	Sltst	Percussion		
Lake Betty 1	Laurel Fm		3		2.54	2200.7	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		1.905	2230.2	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		1.27	2311.9	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		1.27	2402.4	Filter cake	Percussion		
Lake Betty 1	Laurel Fm		3		2.54	2461.6	Sh	Percussion		
Lake Betty 1	Laurel Fm		3		2.54	2497.2	Ls	Percussion		
Lake Betty 1	Laurel Fm		3		1.905	2530.4	Sh grad to shy Ls	Percussion		
Lake Betty 1	Laurel Fm		3		2.54	2551.8	Sltst	Percussion		
Lake Betty 1	Laurel Fm		3		1.905	2567.9	Sh	Percussion		
Mangaloo 1	Fairfield Gp	Upper Fairfield Gp	1	28	0.5	851	Ls	Percussion		
Mangaloo 1	Fairfield Gp	Upper Fairfield Gp	1	27	0	876.9	Empty	Percussion		
Mangaloo 1	Fairfield Gp	Upper Fairfield Gp	1	26	0.8	905	Ls	Percussion		
Mangaloo 1	Fairfield Gp	Upper Fairfield Gp	1	25	2.8	910.5	Sst	Percussion		
Mangaloo 1	Fairfield Gp	Upper Fairfield Gp	1	24	2.4	912	Sltst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	23	2.1	935.5	Sltst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	22	3.4	938.4	Sltst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	21	4.1	942.3	Clst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	20	3.6	957	Sltst/Sst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	19	3.3	994.9	Clst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	18	0.5	1039	Clst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	17	1.2	1077.2	Sst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	16	2.4	1090	Sltst/Sst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	15	5.1	1125	Sst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	14	1.1	1136	Sst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	13	2.5	1180.3	Sltst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	12	0.9	1237	Sst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	11	0	1308.4	Misfire	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	10	2.1	1348.6	Clst	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	9	0	1454.3	Bullet Lost	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	8	0	1511.2	Bullet Lost	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	7	0	1553.7	Bullet smashed	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	6	0	1592.3	Bullet smashed	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	5	0.2	1596.3	Sh	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	4	0	1606.4	Bullet smashed	Percussion		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp	1	3	2.1	1615	Clst	Percussion		
Munda 1	Cuncudgerie Mbr		1	1	1.27	652.3	Sh	Percussion		
Munda 1	Cuncudgerie Mbr		1	2	2.54	655.3	Sh	Percussion		
Munda 1	Cuncudgerie Mbr		1	3	2.54	670.6	Sh	Percussion		
Munda 1	Cuncudgerie Mbr		1	4	1.905	694.9	Sltst	Percussion		
Munda 1	Cuncudgerie Mbr		1	5	1.905	707.1	Sst	Percussion		
Munda 1	Cuncudgerie Mbr		1	6	1.905	780.3	Slt grad to f gr Sst	Percussion		
Munda 1	Cuncudgerie Mbr		1	7	0.635	792.5	Sst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	29	3.81	609.6	Sst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	28	3.81	670.6	Sst/Sltst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	27	3.81	701.0	Clst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	26	3.81	794.3	Clst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	25	3.81	853.4	Clst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	24	3.175	883.9	Clst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	23	3.81	914.4	Clst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	22	2.54	947.9	Sst-Clst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	21	2.54	975.4	Sst-Clst	Percussion		
Munro 1	Dora Mbr	Dora Shale Mbr	1	20	3.175	1021.1	Sh-Clst	Percussion		
Munro 1	Cuncudgerie Mbr		1	19	3.175	1060.7	Sst-Sltst	Percussion		
Munro 1	Cuncudgerie Mbr		1	18	2.54	1094.2	Sltst w/ lam Sst	Percussion		
Munro 1	Cuncudgerie Mbr		1	17	2.54	1110.1	Sltst	Percussion		
Musca 1	Grant Gp	Unit B	1	10		579.0	Sh	Percussion		
Musca 1	Grant Gp	Unit B	1	9	3.81	621.0	Sh	Percussion		
Musca 1	Grant Gp	Unit A	1	8	0	634.5	Sst	Percussion		
Musca 1	Grant Gp	Unit A	1	7	3.81	759.5	Sst	Percussion		
Musca 1	Grant Gp	Unit A	1	6	2.54	850.0	Sst	Percussion		
Musca 1	Grant Gp	Unit A	1	4	3.175	896.1	Sst	Percussion		

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Musca 1	Grant Gp	Unit A	1	3	2.54	910.0	Sst	Percussion		
Ngalti 1	Noonkanbah Fm		1	12	5.3	137.3	Sltst	Percussion		
Ngalti 1	Noonkanbah Fm		1	11	5.2	162.7	Sst, Clst	Percussion		
Ngalti 1	Noonkanbah Fm		1	10	4.8	175.5	Sh	Percussion		
Ngalti 1	Grant Gp		1	9	3.5	299.0	Clst	Percussion		
Ngalti 1	Grant Gp		1	8	4.9	311.0	Sltst	Percussion		
Ngalti 1	Grant Gp		1	7	2.8	581.9	Clst	Percussion		
Ngalti 1	Grant Gp		1	6	3.1	624.0	Sltst	Percussion		
Ngalti 1	Grant Gp		1	5	2.5	631.5	Clst	Percussion		
Ngalti 1	Grant Gp		1	4	1.1	757.5	Sltst	Percussion		
Ngalti 1	Fairfield Gp	Basal	1	3	2.8	806.1	Sltst	Percussion		
Ngalti 1	Fairfield Gp	Basal	1	2	1.5	812.6	Sltst, Ls	Percussion		
Ngalti 1	Fairfield Gp	Basal	1	1	1.5	817.6	Sltst	Percussion		
Olios 1	Noonkanbah Fm		1	30		220.0	Sh	Percussion		
Olios 1	Noonkanbah Fm		1	29		252.0	Sltst	Percussion		
Olios 1	Noonkanbah Fm		1	28		269.0	Sh/Sst	Percussion		
Olios 1	Poole Sandstone		1	27		276.5	Sst	Percussion		
Olios 1	Poole Sandstone		1	26		303.5	Sltst	Percussion		
Olios 1	Grant Gp		1	25		322.5	Sltst/Sst	Percussion		
Olios 1	Grant Gp		1	24		375.0	Sltst	Percussion		
Olios 1	Grant Gp		1	23		392.0	Sltst	Percussion		
Olios 1	Grant Gp		1	22		408.0	Sst	Percussion		
Olios 1	Grant Gp		1	21		447.5	Sst	Percussion		
Olios 1	Grant Gp		1	20		501.0	Sst	Percussion		
Olios 1	Grant Gp		1	18		560.0	Sltst grad to Sh in places	Percussion		
Olios 1	Grant Gp		1	19		565.0	Sltst/vvf Sst	Percussion		
Olios 1	Grant Gp		1	17		578.0	Sltst grad to Sh in places	Percussion		
Olios 1	Grant Gp		1	16		586.0	Sltst	Percussion		
Olios 1	Grant Gp		1	15		647.0	Sltst	Percussion		
Olios 1	Grant Gp		1	14		658.0	Sltst/Sh	Percussion		
Olios 1	Grant Gp		1	13		703.0	Sltst grad to sh in places	Percussion		
Olios 1	Grant Gp		1	12		733.0	Sltst	Percussion		
Olios 1	Grant Gp		1	11		766.5	Sltst	Percussion		
Olios 1	Grant Gp		1	10		805.0	Sst, occ Sltst	Percussion		
Olios 1	Grant Gp		1	9		810.0	Sltst grad to v f Sst	Percussion		
Olios 1	Laurel Fm	Upper	1	8		819.0	Sltst	Percussion		
Olios 1	Laurel Fm	Upper	1	7		826.0	Sltst	Percussion		
Olios 1	Laurel Fm	Upper	1	6		847.5	Ls	Percussion		
Olios 1	Laurel Fm	Upper	1	5		861.0	Sst/Sltst	Percussion		
Olios 1	Laurel Fm	Upper	1	4		866.0	Sst	Percussion		
Olios 1	Laurel Fm	Upper	1	3		871.2	Sst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Olios 1	Laurel Fm	Upper	1	2		905.0	Sst	Percussion		
Olios 1	Laurel Fm	Upper	1	1		913.0	Sst	Percussion		
Olios 1	Laurel Fm	Upper	2	51		918.0	Sltst	Percussion		
Olios 1	Laurel Fm	Upper	2	50		934.5	Sst	Percussion		
Olios 1	Laurel Fm	Upper	2	49		985.0	Sltst, Sst	Percussion		
Olios 1	Laurel Fm	Upper	2	48		996.0	Sst	Percussion		
Olios 1	Laurel Fm	Upper	2	47		1010.0	Sst	Percussion		
Olios 1	Laurel Fm	Upper	2	46		1013.0	Sltst	Percussion		
Olios 1	Laurel Fm	Upper	2	45		1017.0	Sst	Percussion		
Olios 1	Laurel Fm	Upper	2	44		1039.0	Sst	Percussion		
Olios 1	Laurel Fm	Upper	2	43		1059.5	Sst	Percussion		
Olios 1	Laurel Fm	Upper	2	42		1114.8	Sltst	Percussion		
Olios 1	Laurel Fm	Upper	2	41		1130.0	Sh	Percussion		
Olios 1	Laurel Fm	Limestone	2	40		1141.5	Shy Sltst	Percussion		
Olios 1	Laurel Fm	Limestone	2	39		1155.5	Drill mud plus sand	Percussion		
Olios 1	Laurel Fm	Limestone	2	38		1172.5	No Rec	Percussion		
Olios 1	Laurel Fm	Limestone	2	37		1203.5	No Rec	Percussion		
Olios 1	Laurel Fm	Limestone	2	35		1224.3	Sltst	Percussion		
Olios 1	Laurel Fm	Limestone	2	36		1224.5	Sltst	Percussion		
Olios 1	Laurel Fm	Limestone	2	34		1265.5	No Rec	Percussion		
Olios 1	Laurel Fm	Limestone	2	33		1289.8	Sst	Percussion		
Olios 1	Laurel Fm	Limestone	2	32		1371.8	Sh	Percussion		
Olios 1	Laurel Fm	Limestone	2	31		1386.0	No rec	Percussion		
Olios 1	Laurel Fm	Limestone	2	30		1400.5	Sltst	Percussion		
Olios 1	Laurel Fm	Limestone	2	29		1418.0	Sltst	Percussion		
Olios 1	Yellow Drum Fm		2	28		1434.0	Sltst	Percussion		
Olios 1	Yellow Drum Fm		2	27		1442.0	Sh	Percussion		
Olios 1	Yellow Drum Fm		2	26		1458.5	sh	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	24		1558.0	Sst	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	23	3.5	1569.6	Sst	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	22	2.5	1595.0	Clst	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	21		1631.7	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	20	1.5	1640.0	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	19	2	1643.5	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	18	3	1665.5	Clst	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	17	2	1674.7	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	16		1689.0	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	15	2	1698.0	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	14	2	1709.0	Clst	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	13	2	1729.0	Sst	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	12	2	1746.0	Sst	Percussion	P	

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	11	2.5	1753.7	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	10	2	1765.0	Sst	Percussion	F	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	9	1.5	1766.0	Sst	Percussion	F	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	8	0	1766.7	Lost	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	7	0	1769.0	Empty	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	6	2.5	1823.7	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	5	2	1850.0	Sst	Percussion	P	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	4	2	1851.0	Sst	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	3	1.5	1884.3	Sst	Percussion		
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	2	2.5	1885.7	Sst	Percussion	F	
Point Torment 1	Data confidential until 1998	Data confidential until 1998	1	1	5	1886.7	Sst	Percussion	F	
Sundown 1	Poole Sandstone	Upper Mbr	1	60	3.5	818.8	Sh	Percussion		
Sundown 1	Poole Sandstone	Upper Mbr	1	59	3	818.9	Sh	Percussion		
Sundown 1	Grant Gp	Unit A	1	58	3	892.5	Sh	Percussion		
Sundown 1	Grant Gp	Unit A	1	56	1	898.5	Sst	Percussion	G	Strong petrol odour
Sundown 1	Grant Gp	Unit A	1	57	2	898.5	Sst	Percussion	G	Strong petrol odour
Sundown 1	Grant Gp	Unit A	1	55	1.5	901.5	Sst	Percussion	G	
Sundown 1	Grant Gp	Unit A	1	54	1.5	904.9	Sst	Percussion		
Sundown 1	Grant Gp	Unit A	1	53	2	908.5	Sst	Percussion		
Sundown 1	Grant Gp	Unit A	1	52	2	915.0	Sdy Sltst	Percussion		
Sundown 1	Grant Gp	Unit B	1	51	3	1001.5	Sst	Percussion		
Sundown 1	Grant Gp	Unit B	1	50	0	1022.5	No Ret	Percussion		
Sundown 1	Grant Gp	Unit B	1	49	3	1081.5	Sh	Percussion		
Sundown 1	Grant Gp	Unit B	1	48	2	1093.4	Sst w/ oil stn	Percussion	G	Strong petrol odour
Sundown 1	Grant Gp	Unit B	1	47	1.5	1093.5	Sst w/ oil stn	Percussion	G	Strong petrol odour
Sundown 1	Grant Gp	Unit B	1	46	1	1097.5	Sst	Percussion	G	Mod petrol odour
Sundown 1	Grant Gp	Unit B	1	45	1.5	1102.5	Sst	Percussion	G	Mod petrol odour
Sundown 1	Grant Gp	Unit B	1	44	0	1109.5	No Ret	Percussion		
Sundown 1	Grant Gp	Unit B	1	43	2	1172.5	Sh	Percussion		
Sundown 1	Grant Gp	Unit C	1	42	1.5	1239.0	Sst	Percussion	G	Strong petrol odour
Sundown 1	Grant Gp	Unit C	1	41	1.5	1241.0	Sst	Percussion		
Sundown 1	Grant Gp	Unit C	1	40	2.5	1337.5	Sst	Percussion		
Sundown 1	Grant Gp	Unit C	1	39	2	1349.5	Sst	Percussion		
Sundown 1	Grant Gp	Unit C	1	38	2.5	1371.5	Sh	Percussion		
Sundown 1	Anderson Fm		1	37	4.5	1452.0	Sh	Percussion		
Sundown 1	Anderson Fm		1	36	3	1467.8	Sdy Clst	Percussion		
Sundown 1	Anderson Fm		1	35	2	1488.5	Sst	Percussion	G	Mod petrol odour
Sundown 1	Anderson Fm		1	34	0	1489.5	No Rec	Percussion		
Sundown 1	Anderson Fm		1	33	2	1492.5	Sst	Percussion		
Sundown 1	Anderson Fm		1	32	1.5	1498.5	Sst	Percussion		
Sundown 1	Anderson Fm		1	31	2	1527.5	Sst	Percussion	G	

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Sundown 1	Anderson Fm		1	30	2	1529.0	Sst	Percussion		
Sundown 1	Anderson Fm		1	29	3	1530.5	Clst	Percussion		
Sundown 1	Anderson Fm		1	28	3	1548.3	Sst	Percussion		
Sundown 1	Anderson Fm		1	27	1.5	1565.0	Sst	Percussion		Wk petrol odour
Sundown 1	Anderson Fm		1	26	4	1567.3	Sh	Percussion		
Sundown 1	Anderson Fm		1	25	5	1592.5	Clst	Percussion	G	
Sundown 1	Anderson Fm		1	24	2	1595.0	Sst	Percussion	P-F	
Sundown 1	Anderson Fm		1	23	1.5	1608.0	Sst w/ oil stn	Percussion	F	
Sundown 1	Anderson Fm		1	22	1.5	1610.0	Sst w/ oil stn	Percussion	G	Strong petrol odour
Sundown 1	Anderson Fm		1	21	2	1616.0	Sst	Percussion	P	
Sundown 1	Anderson Fm		1	20	2.5	1622.0	Sst	Percussion		
Sundown 1	Anderson Fm		1	19	1.5	1629.5	Sst	Percussion		
Sundown 1	Anderson Fm		1	18	2	1654.5	Sst	Percussion	F	
Sundown 1	Anderson Fm		1	17	1.5	1661.5	Sst	Percussion		
Sundown 1	Anderson Fm		1	16	1	1674.5	Sst	Percussion	P	Wk petrol odour
Sundown 1	Anderson Fm		1	15	1.5	1677.5	Sst	Percussion	P	
Sundown 1	Anderson Fm		1	14	3.5	1694.5	Sh	Percussion		
Sundown 1	Anderson Fm		1	13	2.5	1706.0	Sst w/ oil stn	Percussion	F-G	
Sundown 1	Anderson Fm		1	12	1	1714.8	Sst w/ oil stn	Percussion	F	
Sundown 1	Anderson Fm		1	11	2	1716.5	Sst	Percussion		
Sundown 1	Anderson Fm		1	10	2	1718.0	Sst	Percussion		
Sundown 1	Anderson Fm		1	9	1.5	1726.5	Sst	Percussion		
Sundown 1	Anderson Fm		1	8	0	1731.5	No Rec	Percussion		
Sundown 1	Anderson Fm		1	7	0.5	1738.0	Sdy Clst	Percussion		
Sundown 1	Anderson Fm		1	6	2.5	1782.8	Sltty Sst	Percussion		
Sundown 1	Laurel Fm	Upper Mbr	1	5	2.5	1855.5	Sltst	Percussion		
Sundown 1	Laurel Fm	Upper Mbr	1	4	2.5	1900.5	Sltst	Percussion		
Sundown 1	Laurel Fm	Lower Laurel Shale	1	3	3	1968.1	Sh	Percussion		
Sundown 1	Laurel Fm	Lower Laurel Shale	1	2	2	1977.5	Sh	Percussion		
Sundown 1	Unnamed	Undifferentiated Carbonates	1	1	2.5	2073.3	Arg Ls grad to Mrl i.p.	Percussion		
Terrace 1	Liveringa Gp		1	30	4.2	533.0	Sst	Percussion		
Terrace 1	Noonkanbah Fm		1	29	5	548.0	Sst	Percussion		
Terrace 1	Noonkanbah Fm		1	28	4	565.0	Sst	Percussion		
Terrace 1	Noonkanbah Fm		1	27	3	823.0	Sh	Percussion		
Terrace 1	Poole Sandstone	Upper Mbr	1	26	3	875.0	Sh	Percussion		
Terrace 1	Nura Nura Mbr		1	25	3	902.0	Sltst	Percussion		
Terrace 1	Nura Nura Mbr		1	24	3	914.9	Sst	Percussion		
Terrace 1	Nura Nura Mbr		1	23	3	930.1	Sst	Percussion	P-F	
Terrace 1	Nura Nura Mbr		1	22	2	931.0	Sst	Percussion	P-F	
Terrace 1	Grant Gp		1	21	2.5	932.0	Sst	Percussion	G	
Terrace 1	Grant Gp		1	20	1.5	953.0	Sst	Percussion		

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
Terrace 1	Grant Gp		1	19	2.2	1129.0	Clst	Percussion		
Terrace 1	Grant Gp		1	18	2.5	1153.0	Clst	Percussion		
Terrace 1	Grant Gp		1	17	1	1166.0	Sst	Percussion		
Terrace 1	Grant Gp		1	16	2	1294.0	Sst	Percussion		
Terrace 1	Grant Gp		1	15	2.5	1308.9	Sst	Percussion		
Terrace 1	Grant Gp		1	14	2	1396.5	Sst	Percussion		
Terrace 1	Grant Gp		1	13	2	1413.9	Sst	Percussion		
Terrace 1	Grant Gp		1	12	0	1423.0	No Rec	Percussion		
Terrace 1	Grant Gp		1	11	2	1430.9	Sst	Percussion		
Terrace 1	Grant Gp		1	10	3.4	1443.0	Gneiss	Percussion		
Terrace 1	Grant Gp		1	9	2.5	1456.0	Sst	Percussion		
Terrace 1	Grant Gp		1	8	1.8	1508.0	Sst	Percussion		
Terrace 1	Grant Gp		1	7	2.2	1529.0	Sltst/Clst	Percussion		
Terrace 1	Anderson Fm		1	6	1.5	1542.0	sst	Percussion		
Terrace 1	Anderson Fm		1	5	2	1555.5	Sst	Percussion		
Terrace 1	Anderson Fm		1	4	3.1	1566.1	Sltst	Percussion		
Terrace 1	Anderson Fm		1	3	3.6	1569.0	Sltst	Percussion		
Terrace 1	Anderson Fm		1	2	1.4	1600.0	Sst	Percussion		
Terrace 1	Anderson Fm		1	1	1.6	1609.1	Sst	Percussion		
Terrace 1	Anderson Fm		2	30	0	1650.5	Empty	Percussion		
Terrace 1	Anderson Fm		2	29	1	1651.0	Sst	Percussion		
Terrace 1	Anderson Fm		2	28	1.2	1680.0	Sst	Percussion		
Terrace 1	Anderson Fm		2	27	3.4	1680.5	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	26	2.2	1700.0	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	25	2	1700.5	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	23	2.4	1715.0	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	24	2	1715.0	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	22	1	1749.0	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	21	2.3	1754.5	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	20	2.8	1770.5	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	19	1.2	1787.0	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	18	4.8	1843.8	Sh	Percussion		
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	17	1.8	1850.5	Ls	Percussion	F-G	Petrol odour
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	16	2	1851.5	Ls	Percussion	F-G	Petrol odour
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	15	1.6	1856.0	Ls	Percussion	F	Petrol odour
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	14	3.4	1857.5	Sst	Percussion	F	Petrol odour
Terrace 1	Yellow Drum Fm		2	13	0.7	1892.0	Sst	Percussion		
Vela 1	Grant Gp	Unit B	1	14	3.81	305.0	Clst	Percussion		
Vela 1	Grant Gp	Unit B	1	13	3.175	340.0	Clst	Percussion		
Vela 1	Grant Gp	Unit B	1	12	3.81	380.0	Clst	Percussion		
Vela 1	Grant Gp	Unit A	1	11	3.175	390.0	Clst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
Vela 1	Grant Gp	Unit A	1	10	1.905	445.0	Sst	Percussion		
Vela 1	Grant Gp	Unit A	1	9	3.175	460.0	Slst	Percussion		
Vela 1	Grant Gp	Unit A	1	8	2.54	481.0	Sst	Percussion		
Vela 1	Grant Gp	Unit A	1	7	2.54	545.0	Sst	Percussion		
Vela 1	Grant Gp	Unit A	1	6	1.905	575.0	Sst	Percussion		
Vela 1	Grant Gp	Unit A	1	5	2.54	631.0	Sst	Percussion		
Vela 1	Grant Gp	Unit A	1	4	1.905	657.7	Slst	Percussion		
West Kora 1	Liveringa Gp		1	102	3.6	563.0	Sst	Percussion		
West Kora 1	Liveringa Gp		1	101	3	599.0	Sst	Percussion		
West Kora 1	Noonkanbah Fm		1	100	3.2	630.0	Slst	Percussion		
West Kora 1	Noonkanbah Fm		1	99	2.8	900.0	Slst	Percussion		
West Kora 1	Noonkanbah Fm		1	98	2	975.0	Slst	Percussion		
West Kora 1	Poole Sandstone		1	97	1.6	981.0	Sst	Percussion		
West Kora 1	Poole Sandstone		1	96	1.8	994.9	Sst	Percussion		
West Kora 1	Poole Sandstone		1	95	2.2	1005.0	Sst	Percussion		
West Kora 1	Poole Sandstone		1	94	2.5	1021.0	Slst	Percussion		
West Kora 1	Grant Gp		1	93	1.7	1029.0	Sst	Percussion		
West Kora 1	Grant Gp		1	92	2	1066.0	Sst	Percussion		
West Kora 1	Grant Gp		1	91	1	1075.0	Sh	Percussion		
West Kora 1	Grant Gp		1	90	1.4	1076.0	Slst	Percussion		
West Kora 1	Grant Gp		1	89	0	1106.0	Empty	Percussion		
West Kora 1	Grant Gp		1	88	1.5	1195.0	Sst	Percussion		
West Kora 1	Grant Gp		1	87	1.3	1252.0	Slst	Percussion		
West Kora 1	Grant Gp		1	86	0.9	1261.9	Sst	Percussion		
West Kora 1	Grant Gp		1	85	1	1273.5	Sst	Percussion		
West Kora 1	Grant Gp		1	84	1.4	1303.0	Sst	Percussion		
West Kora 1	Grant Gp		1	83	2	1440.0	Sst	Percussion		
West Kora 1	Grant Gp		1	82	1.7	1450.0	Sst	Percussion		
West Kora 1	Grant Gp		1	81	1.3	1459.0	Sst	Percussion		
West Kora 1	Grant Gp		1	80	1	1519.0	Sst	Percussion		
West Kora 1	Grant Gp		1	79	1	1530.0	Sst	Percussion		
West Kora 1	Grant Gp		1	78	0.5	1550.0	Sst	Percussion		
West Kora 1	Anderson Fm		1	77	0	1558.0	Empty	Percussion		
West Kora 1	Anderson Fm		1	76	5.5	1591.4	Sst	Percussion		
West Kora 1	Anderson Fm		1	75	2.8	1593.0	Sst	Percussion		
West Kora 1	Anderson Fm		1	74	3.2	1603.0	Slst	Percussion		
West Kora 1	Anderson Fm		1	73	1.2	1621.5	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	72	0.8	1622.0	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	71	0.5	1631.0	Sst	Percussion		
West Kora 1	Anderson Fm		1	70	1	1670.0	Sst	Percussion		
West Kora 1	Anderson Fm		1	69	0.8	1673.0	Sst	Percussion		

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
West Kora 1	Anderson Fm		1	68	1	1676.4	Sst	Percussion		
West Kora 1	Anderson Fm		1	67	0.5	1679.5	Sst	Percussion		
West Kora 1	Anderson Fm		1	66	1.6	1681.0	Sst	Percussion		
West Kora 1	Anderson Fm		1	65	2.8	1694.0	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	64	3.7	1695.0	Sst	Percussion	F	
West Kora 1	Anderson Fm		1	63	0.5	1697.0	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	62	0	1699.0	Empty	Percussion		
West Kora 1	Anderson Fm		1	61	1.2	1699.9	Sst	Percussion		
West Kora 1	Anderson Fm		1	60	0	1701.5	Empty	Percussion		
West Kora 1	Anderson Fm		1	59	3.5	1703.0	Sltst	Percussion		
West Kora 1	Anderson Fm		1	58	2.3	1717.9	Sst	Percussion		
West Kora 1	Anderson Fm		1	57	1.1	1736.4	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	56	0.5	1742.0	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	55	1.7	1743.0	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	54	1.2	1744.5	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	53	0	1748.9	Empty	Percussion		
West Kora 1	Anderson Fm		1	52	0	1749.9	Empty	Percussion		
West Kora 1	Anderson Fm		1	51	1	1792.0	Sst	Percussion		
West Kora 1	Anderson Fm		1	50	0	1794.0	Empty	Percussion		
West Kora 1	Anderson Fm		1	49	0.8	1797.0	Sst	Percussion	G	
West Kora 1	Anderson Fm		1	48	2.1	1798.0	Sst	Percussion	G	
West Kora 1	Anderson Fm		1	47	2	1799.9	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	45	1.2	1845.0	Sst	Percussion		
West Kora 1	Anderson Fm		1	44	1	1885.0	Sst	Percussion	P	
West Kora 1	Anderson Fm		1	46	1.8	1889.0	Sltst	Percussion		
West Kora 1	Anderson Fm		1	43	1.1	1889.9	Sltst	Percussion	G	
West Kora 1	Anderson Fm		1	42	0	1907.9	Empty	Percussion		
West Kora 1	Anderson Fm		1	41	1.5	1915.0	Sltst	Percussion		
West Kora 1	Anderson Fm		1	40	0	1931.5	Empty	Percussion	F	
West Kora 1	Anderson Fm		1	39	1.6	1982.0	Sst	Percussion	F	
West Kora 1	Anderson Fm		1	38	2.3	1988.0	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	37	2.6	1990.0	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	36	2.2	1992.1	Sst	Percussion	F	
West Kora 1	Anderson Fm		1	35	1.8	1996.5	Sst	Percussion	G	
West Kora 1	Anderson Fm		1	34	3	2001.0	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	33	1.2	2002.9	Sst	Percussion	E	
West Kora 1	Anderson Fm		1	32	1.7	2011.1	Sst	Percussion	G	
West Kora 1	Anderson Fm		1	31	3.2	2031.9	Sltst	Percussion		
West Kora 1	Anderson Fm		1	30	0	2049.0	Empty	Percussion		
West Kora 1	Anderson Fm		1	29	4.2	2060.0	Clst	Percussion		
West Kora 1	Anderson Fm		1	28	6.5	2082.9	Clst	Percussion		

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
West Kora 1	Anderson Fm		1	27	3.2	2173.0	Sst	Percussion		
West Kora 1	Anderson Fm		1	26	0	2193.0	Empty	Percussion		
West Kora 1	Anderson Fm		1	25	3.3	2243.9	Sst	Percussion	G	
West Kora 1	Anderson Fm		1	24	1	2248.9	Sst	Percussion	P-F	
West Kora 1	Laurel Fm		1	23	1.8	2252.9	Sst	Percussion	G	
West Kora 1	Laurel Fm		1	22	2.6	2263.0	Sltst	Percussion		
West Kora 1	Laurel Fm		1	21	1.7	2279.0	Sltst	Percussion		
West Kora 1	Laurel Fm		1	20	1	2291.0	Sltst	Percussion		
West Kora 1	Laurel Fm		1	19	2.2	2302.9	Sst	Percussion	E	
West Kora 1	Laurel Fm		1	18	2	2307.9	Sst	Percussion	P	
West Kora 1	Laurel Fm		1	17	0.2	2312.8	Sst	Percussion	G	
West Kora 1	Laurel Fm		1	16	1	2319.8	Sst	Percussion	G	
West Kora 1	Laurel Fm		1	15	0.4	2329.8	Sltst	Percussion		
West Kora 1	Laurel Fm		1	14	0	2349.1	Empty	Percussion		
West Kora 1	Laurel Fm		1	13	0.4	2367.8	Ls	Percussion		
West Kora 1	Laurel Fm		1	12	2.8	2387.8	Sh	Percussion		
West Kora 1	Laurel Fm		1	11	0	2407.0	Empty	Percussion		
West Kora 1	Laurel Fm		1	10	0	2409.9	Empty	Percussion		
West Kora 1	Laurel Fm		1	9	2.7	2435.9	Sltst	Percussion		
West Kora 1	Laurel Fm		1	8	3.1	2448.0	Sltst	Percussion		
West Kora 1	Fairfield Gp	Lower	1	7	5	2463.0	Sltst	Percussion		
West Kora 1	Fairfield Gp	Lower	1	6	3	2493.1	Sltst	Percussion		
West Kora 1	Fairfield Gp	Lower	1	5	0.2	2531.1	Sltst	Percussion		
White Hills 1	Grant Gp		1			588.0	Sst	Percussion		
White Hills 1	Grant Gp		1			630.0	Sst	Percussion		
White Hills 1	Grant Gp		1			632.0	Sst	Percussion		
White Hills 1	Grant Gp		1			633.0	Sst	Percussion		
White Hills 1	Grant Gp		1			683.0	Sst	Percussion		
White Hills 1	Grant Gp		1			767.5	Sst	Percussion		
White Hills 1	Grant Gp		1			775.0	Sh	Percussion		
White Hills 1	Grant Gp		1			787.0	Sh	Percussion		
White Hills 1	Grant Gp		1			788.0	Sh	Percussion		
White Hills 1	Grant Gp		1			820.0	Sh	Percussion		
White Hills 1	Grant Gp		1			821.0	Sh	Percussion		
White Hills 1	Grant Gp		1			919.0	Sst	Percussion	F-G, P cut	
White Hills 1	Grant Gp		1			920.0	Sltst	Percussion		
White Hills 1	Grant Gp		1			921.0	Sltst	Percussion		
White Hills 1	Grant Gp		1			922.0	Sst	Percussion		
White Hills 1	Grant Gp		1			924.0	Sst	Percussion		
White Hills 1	Grant Gp		1			925.0	Sst	Percussion		
White Hills 1	Grant Gp		1			927.0	Sltst	Percussion		

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
White Hills 1	Grant Gp		1			930.0	Sltst	Percussion		
White Hills 1	Grant Gp		2			988.4	Ls/Anhy	Percussion	F cut	
White Hills 1	Anderson Fm		1			1008.0	Sst	Percussion		
White Hills 1	Anderson Fm		1			1009.0	Sst	Percussion		
White Hills 1	Anderson Fm		1			1010.0	Sst	Percussion		
White Hills 1	Anderson Fm		1			1012.0	Sst	Percussion		
White Hills 1	Anderson Fm		1			1019.0	Sst	Percussion	P, P cut	
White Hills 1	Anderson Fm		1			1020.0	Sst	Percussion		
White Hills 1	Anderson Fm		1			1022.0	Sst	Percussion		
White Hills 1	Anderson Fm		1			1022.5	Sst	Percussion		
White Hills 1	Anderson Fm		1			1029.0	Sh	Percussion		
White Hills 1	Anderson Fm		1			1035.0	Sh	Percussion		
White Hills 1	Anderson Fm		2			1062.4	Sst	Percussion	P, F cut	
White Hills 1	Anderson Fm		2			1064.0	Sst	Percussion	F, E cut	
White Hills 1	Anderson Fm		2			1067.8	Sst	Percussion	P, P cut	
White Hills 1	Anderson Fm		2			1070.5	Sst	Percussion	F, E cut	
White Hills 1	Anderson Fm		2			1076.9	Sst	Percussion	P cut	
White Hills 1	Anderson Fm		2			1087.1	Sst	Percussion	G cut	
White Hills 1	Fairfield Gp		2			1090.8	Sst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1105.9	Sltst	Percussion		
White Hills 1	Fairfield Gp		2			1107.8	Sst	Percussion		
White Hills 1	Fairfield Gp		2			1135.0	Mdst	Percussion		
White Hills 1	Fairfield Gp		2			1140.6	Sst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1142.2	Sst	Percussion		
White Hills 1	Fairfield Gp		2			1146.6	Sst	Percussion		
White Hills 1	Fairfield Gp		2			1148.3	Sst	Percussion		
White Hills 1	Fairfield Gp		2			1150.0	Sst	Percussion		
White Hills 1	Fairfield Gp		2			1158.0	Clst	Percussion		
White Hills 1	Fairfield Gp		2			1165.2	Sst	Percussion	P, F cut	
White Hills 1	Fairfield Gp		2			1170.0	Sltst	Percussion		
White Hills 1	Fairfield Gp		2			1195.8	Sst	Percussion		
White Hills 1	Fairfield Gp		2			1204.7	Sltst	Percussion		
White Hills 1	Fairfield Gp		2			1239.0	Sltst	Percussion		
White Hills 1	Fairfield Gp		2			1250.2	Sst	Percussion	P, F cut	
White Hills 1	Fairfield Gp		2			1270.0	Sst	Percussion	F-G, Poss stain	
White Hills 1	Fairfield Gp		2			1270.2	Sst	Percussion	P, E cut	
White Hills 1	Fairfield Gp		2			1275.9	Sst	Percussion	F, E cut	
White Hills 1	Fairfield Gp		2			1278.7	Sst	Percussion	P, E cut.	
White Hills 1	Fairfield Gp		2			1281.1	Sst	Percussion	F, G cut	
White Hills 1	Fairfield Gp		2			1282.8	Sst	Percussion	F	
White Hills 1	Fairfield Gp		2			1297.6	Sst	Percussion	P	

Appendix 4 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Run no</i>	<i>Core no</i>	<i>Length (cm)</i>	<i>Depth (m)</i>	<i>Lithology</i>	<i>Core type</i>	<i>Fluorescence</i>	<i>Comments</i>
White Hills 1	Fairfield Gp		2			1318.5	Mdst	Percussion		
White Hills 1	Fairfield Gp		2			1324.4	Slst	Percussion	F	
White Hills 1	Fairfield Gp		2			1340.0	Mdst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1506.0	Slst	Percussion		
White Hills 1	Fairfield Gp		2			1516.4	Clst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1542.2	Sst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1545.1	Sst	Percussion	G E cut, Stain	
White Hills 1	Fairfield Gp		2			1547.0	Sst	Percussion	Mod F cut	
White Hills 1	Fairfield Gp		2			1548.1	Sst	Percussion	G, E cut, F stain	
White Hills 1	Fairfield Gp		2			1549.9	Sst	Percussion	G, G cut, G stain	
White Hills 1	Fairfield Gp		2			1551.4	Sst	Percussion	Mod, F cut	
White Hills 1	Fairfield Gp		2			1552.9	Sst	Percussion	F, G cut, G stain	
White Hills 1	Fairfield Gp		2			1578.2	Sst	Percussion	F, F cut	
White Hills 1	Fairfield Gp		2			1583.0	Slst	Percussion	G cut	
White Hills 1	Fairfield Gp		2			1592.8	Sst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1594.5	Sst	Percussion	F, G cut	
White Hills 1	Fairfield Gp		2			1597.6	Slst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1603.0	Slst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1606.8	Slst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1619.2	Slst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1621.7	Slst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1650.4	Slst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1651.9	Slst	Percussion		
White Hills 1	Fairfield Gp		2			1656.0	Sst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1658.0	Mdst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1659.1	Sst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1662.0	Slst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1664.0	Sst	Percussion	P, P cut	
White Hills 1	Fairfield Gp		2			1675.5	Mdst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1692.5	Mdst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1731.2	Sst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1732.6	Sst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1734.5	Sst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1739.0	Slst	Percussion		
White Hills 1	Fairfield Gp		2			1745.0	Sst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1773.0	Slst	Percussion	G cut	
White Hills 1	Fairfield Gp		2			1789.1	Slst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1797.5	Clst	Percussion		
White Hills 1	Fairfield Gp		2			1827.0	Slst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1845.8	Slst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1860.0	Mdst	Percussion	F cut	

Appendix 4 (cont.)

Well name	Formation	Formation qualifier	Run no	Core no	Length (cm)	Depth (m)	Lithology	Core type	Fluorescence	Comments
White Hills 1	Fairfield Gp		2			1871.3	Sst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1876.5	Mdst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1890.1	Sst	Percussion	G cut	
White Hills 1	Fairfield Gp		2			1910.4	Mdst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1915.0	Sltst	Percussion		
White Hills 1	Fairfield Gp		2			1929.4	Sst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1938.8	Sltst	Percussion		
White Hills 1	Fairfield Gp		2			1952.9	Clst	Percussion		
White Hills 1	Fairfield Gp		2			1958.3	Sltst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			1965.0	Sltst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1970.0	Clst	Percussion		
White Hills 1	Fairfield Gp		2			1976.0	Clst	Percussion		
White Hills 1	Fairfield Gp		2			1984.3	Ls/Anhy	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1985.4	Ls/Anhy	Percussion	P cut	
White Hills 1	Fairfield Gp		2			1993.5	Ls/Anhy	Percussion	F cut	
White Hills 1	Fairfield Gp		2			2001.0	Clst	Percussion		
White Hills 1	Fairfield Gp		2			2009.5	Anhy/Ls	Percussion	P cut	
White Hills 1	Fairfield Gp		2			2029.9	Sltst	Percussion	G cut	
White Hills 1	Fairfield Gp		2			2071.0	Clst	Percussion		
White Hills 1	Fairfield Gp		2			2104.8	Sltst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			2111.5	Sltst	Percussion	F cut	
White Hills 1	Fairfield Gp		2			2113.0	Sst	Percussion		
White Hills 1	Fairfield Gp		2			2115.5	Sst	Percussion	P cut	
White Hills 1	Fairfield Gp		2			2118.0	Sst	Percussion		
White Hills 1	Fairfield Gp		2			2121.6	Sst	Percussion		
White Hills 1	Fairfield Gp		2			2124.0	Sst	Percussion		
Willara 1	Grant Gp		1	4		667.5	Sltst	Percussion		
Willara 1	Grant Gp		2	5		786.4	Sst	Percussion		
Willara 1	Grant Gp		2	6		787.6	Clst	Percussion		
Willara 1	Grant Gp		2	7		789.1	Sst	Percussion		
Willara 1	Grant Gp		2	8		790.7	Clst	Percussion		
Willara 1	Grant Gp		2	9		1034.8	Sst	Percussion		
Woods Hills 1	Grant Gp		1	1		759.0	Sdy Sh	Percussion		
Woods Hills 1	Grant Gp		1	2		836.0	Sdy Sh	Percussion		
Woods Hills 1	Grant Gp		1	3		892.0	Sdy Sh	Percussion		
Woods Hills 1	Grant Gp		1	4		1045.0	Sst	Percussion		

NOTES:

Gp = Group; Mbr = Member; Fm = Formation; Upp = Upper; Lwr = Lower; Equiv = Equivalent; Sh = Shale; Carb = Carbonate; Slt = Silty; Clst = Claystone; Arg = Argillaceous; Sltst = Siltstone; Sst = Sandstone; Lam = Laminated; Sdy = Sandy; w/ = with; v = very; f = fine; Intbd = interbedded; Ls = Limestone; grad = grading; Dol = Dolomite; Rec = Recovery; Aren = Arenaceous; Intlam = Interlaminated; Clst = Calcisiltite; Clct = Calcilutite; Cgl = Conglomerate; Ret = Return; Clear = Calcarenite; Mrl = Marl; Cl = Clay; Mdst = Mudstone; Grt = Granite; Qtzt = Quartzite; gr = grained; Shy = Shaly; occ = occasional; stn = stain; Anhy = Anhydrite; i.p. = in part; VP = Very poor; E = Excellent; F = Fair; P = Poor; G = Good; Tr = Trace; Wh = White; poss = possible; Frags = Fragments; Mod = Moderate; Wk = Weak

Appendix 5

Conventional core depths

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Core no.</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Recovery (m)</i>	<i>Recovery (%)</i>
Aristida 1	Grant Gp		1	112.0	205.0	31.7	30.5
Aristida 1A	Grant Gp		2	154.0	205.0	51.0	100.0
Atrax 1	Grant Gp		1	583.0	586.5	3.1	88.0
Auld 1	Grant Gp	Unit B	1	304.1	312.5	5.9	70.0
Auld 1	Grant Gp	Unit A	2	710.0	715.2	0.5	9.6
BMR 04A Mandorah	Liveringa Gp?		7	639.5	642.5	1.4	45.0
BMR 04A Mandorah	Liveringa Gp?		8	661.1	664.2	1.5	50.0
BMR 04A Mandorah	Liveringa Gp?		9	676.7	677.6	0.8	83.0
Blina 1	Laurel Fm		1	1111.0	1129.3	14.6	80.0
Blina 1	Yellow Drum Fm		2	1207.3	1217.9	10.2	96.0
Blina 1	Yellow Drum Fm		3	1217.5	1235.9	18.4	100.0
Blina 1	Yellow Drum Fm		4	1292.4	1308.5	16.1	100.0
Boab 1	Grant Gp		2	141.0	639.0	498.0	100.0
Calytrix 1	Grant Gp	Upper Mixed Clastics Mbr	1	84.5	146.0	60.0	97.0
Calytrix 1	Grant Gp	Middle Mudstone Mbr	2	146.0	450.0	288.0	94.0
Cassia 1	Grant Gp		1	131.5	842.3	710.8	100.0
Cassia 1	Fairfield Gp	Equivalent	2	844.2	1576.6	732.4	100.0
Chirup 1	Liveringa Gp		8	516.6	521.2	4.0	87.5
Chirup 1	Liveringa Gp		9	521.2	525.8	0.3	6.7
Chirup 1	Poole Sandstone		10	615.1	619.7	4.0	87.5
Chirup 1	Grant Gp	Dora Mbr	11	682.8	687.3	3.4	73.3
Chirup 1	Grant Gp	Dora Mbr	12	757.7	762.6	4.3	87.5
Clianthus 1	Grant Gp	Upper Mixed Clastics Mbr	1	112.0	146.5	34.1	98.8
Clianthus 1	Grant Gp	Upper Mixed Clastics Mbr	2	146.5	450.0	301.4	99.3
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1	1625.0	1631.0	5.8	97.0
Crossland 2	Grant Gp	Dora Shale Mbr	1	408.4	414.5	2.7	45.0
Cycas 1	Grant Gp	Unit A	1	983.0	1000.0	17.0	100.0
Cycas 1	Anderson Fm		2	2460.5	2477.5	7.8	46.0
Dampiera 1A	Grant Gp		1	130.0	378.0	248.0	100.0
Dampiera 1A	Fairfield Gp		1	378.0	452.1	74.1	100.0
Ellendale 1	Laurel Fm		1	1964.0	1973.5	8.7	92.0
Ellendale 1	Fairfield Gp	Clastic Mbr	2	2794.0	2803.0	7.6	84.0
Eremophila 3	Grant Gp	Upper Clastics	1	75.0	86.0	11.0	100.0
Eremophila 3	Grant Gp	Upper Clastics	2	86.0	127.6	41.6	100.0
Eremophila 3	Grant Gp	Upper Clastics	3	127.6	464.0	336.0	99.0
Ficus 1	Grant Gp		2	90.0	475.4	385.4	100.0
Ficus 1	Fairfield Gp		2	475.4	610.0	134.6	100.0
Frankenia 1	Grant Gp		1	42.0	122.0	80.0	100.0

Appendix 5 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Core no.</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Recovery (m)</i>	<i>Recovery (%)</i>
Frankenia 1	Grant Gp		1	42.0	122.0	80.0	100.0
Frankenia 1	Grant Gp		2	122.0	479.0	357.0	100.0
Frankenstein 1	Unnamed	Pre Grant	1	910.5	919.7	8.1	88.0
Frankenstein 1	Unnamed	Pre Grant	2	919.7	938.1	17.6	96.0
Grant Range 1	Grant Gp	Member A	1	366.7	369.7	0.5	15.0
Grant Range 1	Grant Gp	Member A	2	424.9	426.4	1.5	100.0
Grant Range 1	Grant Gp	Member A	3	516.0	519.1	3.0	100.0
Grant Range 1	Grant Gp	Member A	4	619.0	622.1	3.0	100.0
Grant Range 1	Grant Gp	Member A	5	699.8	702.9	1.5	50.0
Grant Range 1	Grant Gp	Member A	6	777.2	780.3	1.5	-0.3
Grant Range 1	Grant Gp	Member A	7	780.3	781.8	0.9	60.0
Grant Range 1	Grant Gp	Member A	8	815.6	817.2	0.0	0.0
Grant Range 1	Grant Gp	Member A	9	817.2	818.7	0.6	40.0
Grant Range 1	Grant Gp	Member A	10	900.4	903.4	0.0	0.0
Grant Range 1	Grant Gp	Member A	11	903.4	905.0	0.0	1.7
Grant Range 1	Grant Gp	Member A	12	905.0	905.6	0.0	4.2
Grant Range 1	Grant Gp	Member A	13	905.6	906.2	0.0	4.2
Grant Range 1	Grant Gp	Member A	14	918.1	920.2	0.3	14.3
Grant Range 1	Grant Gp	Member A	15	1079.0	1081.7	2.1	77.8
Grant Range 1	Grant Gp	Member A	16	1179.6	1181.1	1.5	100.0
Grant Range 1	Grant Gp	Member A	17	1289.3	1292.0	1.2	44.4
Grant Range 1	Grant Gp	Member A	18	1362.8	1364.6	0.0	0.0
Grant Range 1	Grant Gp	Member A	19	1364.6	1365.5	0.5	50.0
Grant Range 1	Grant Gp	Member A	20	1435.6	1437.4	0.9	50.0
Grant Range 1	Grant Gp	Member A	21	1515.8	1518.5	0.6	22.2
Grant Range 1	Grant Gp	Member A	22	1518.5	1519.4	0.6	66.7
Grant Range 1	Grant Gp	Member A	23	1617.0	1618.2	1.2	100.0
Grant Range 1	Grant Gp	Member B	24	1677.9	1679.1	0.2	12.5
Grant Range 1	Grant Gp	Member B	25	1679.1	1679.4	0.0	0.0
Grant Range 1	Grant Gp	Member B	26	1694.4	1695.3	0.9	100.0
Grant Range 1	Grant Gp	Member B	27	1734.3	1737.1	2.7	100.0
Grant Range 1	Grant Gp	Member B	28	1828.8	1830.3	0.3	20.0
Grant Range 1	Grant Gp	Member B	29	1830.3	1831.8	0.9	60.0
Grant Range 1	Grant Gp	Member B	30	1856.2	1857.5	1.2	100.0
Grant Range 1	Grant Gp	Member C	30	1856.2	1857.5	1.2	100.0
Grant Range 1	Grant Gp	Member C	31	1857.5	1858.4	0.9	100.0
Grant Range 1	Grant Gp	Member C	32	1858.4	1861.1	0.6	22.2
Grant Range 1	Grant Gp	Member C	33	1861.1	1863.9	1.5	55.6
Grant Range 1	Grant Gp	Member C	34	1880.0	1881.5	1.5	100.0
Grant Range 1	Grant Gp	Member C	35	1881.5	1883.4	1.8	100.0
Grant Range 1	Grant Gp	Member C	36	1883.4	1885.2	0.3	16.7

Appendix 5 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Core no.</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Recovery (m)</i>	<i>Recovery (%)</i>
Grant Range 1	Grant Gp	Member C	37	1885.2	1885.5	0.3	100.0
Grant Range 1	Grant Gp	Member C	38	1892.5	1895.2	2.4	88.9
Grant Range 1	Grant Gp	Member C	39	1895.2	1898.0	0.6	22.2
Grant Range 1	Grant Gp	Member C	40	1898.0	1899.5	1.5	100.0
Grant Range 1	Grant Gp	Member C	41	1899.5	1901.0	1.2	80.0
Grant Range 1	Grant Gp	Member C	42	1951.3	1952.9	1.5	100.0
Grant Range 1	Grant Gp	Member C	43	1952.9	1955.0	2.1	100.0
Grant Range 1	Grant Gp	Member C	44	2005.0	2005.6	0.3	50.0
Grant Range 1	Grant Gp	Member C	45	2032.7	2034.8	2.1	100.0
Grant Range 1	Grant Gp	Member C	46	2103.1	2103.7	0.5	75.0
Grant Range 1	Grant Gp	Member C	47	2163.5	2164.4	0.3	33.3
Grant Range 1	Grant Gp	Member C	48	2164.4	2166.2	0.3	16.7
Grant Range 1	Grant Gp	Member C	49	2222.6	2225.6	3.0	100.0
Grant Range 1	Grant Gp	Member C	50	2286.6	2287.5	0.9	100.0
Grant Range 1	Grant Gp	Member C	51	2352.8	2354.3	0.9	60.0
Grant Range 1	Carboniferous	Member D	52	2410.1	2411.6	1.5	100.0
Grant Range 1	Carboniferous	Member D	53	2426.8	2429.3	0.0	0.0
Grant Range 1	Carboniferous	Member D	54	2429.3	2430.5	0.9	75.0
Grant Range 1	Carboniferous	Member D	55	2430.5	2431.7	1.2	100.0
Grant Range 1	Carboniferous	Member D	56	2431.7	2433.2	1.5	100.0
Grant Range 1	Carboniferous	Member D	57	2436.9	2439.6	0.9	33.3
Grant Range 1	Carboniferous	Member D	58	2485.6	2488.4	0.6	22.2
Grant Range 1	Carboniferous	Member D	59	2488.4	2490.8	1.2	50.5
Grant Range 1	Carboniferous	Member D	60	2566.4	2567.6	0.9	77.2
Grant Range 1	Carboniferous	Member D	61	2567.6	2568.5	0.3	33.3
Grant Range 1	Carboniferous	Member D	62	2599.9	2601.8	1.5	83.3
Grant Range 1	Carboniferous	Member D	63	2601.8	2604.2	2.1	87.5
Grant Range 1	Carboniferous	Member D	64	2604.2	2607.3	3.0	98.7
Grant Range 1	Carboniferous	Member D	65	2680.7	2681.0	0.0	8.3
Grant Range 1	Carboniferous	Member D	66	2776.1	2779.2	0.6	20.0
Grant Range 1	Carboniferous	Member D	67	2874.6	2875.8	0.6	50.0
Grant Range 1	Carboniferous	Member D	68	2926.4	2927.6	0.6	50.0
Grant Range 1	Carboniferous	Member E	69	2951.4	2951.4	0.0	0.0
Grant Range 1	Carboniferous	Member E	70	2976.4	2977.0	0.2	25.0
Grant Range 1	Carboniferous	Member E	71	2977.9	2983.4	4.0	72.7
Grant Range 1	Carboniferous	Member E	72	2983.4	2989.5	4.6	75.0
Grant Range 1	Carboniferous	Member E	73	2989.5	2993.7	2.4	57.1
Grant Range 1	Carboniferous	Member E	74	3014.8	3017.5	1.8	66.7
Grant Range 1	Carboniferous	Member E	75	3053.8	3055.0	1.2	100.0
Grant Range 1	Carboniferous	Member F	76	3109.3	3110.2	0.9	100.0
Grant Range 1	Carboniferous	Member F	77	3116.9	3118.1	0.0	0.0

Appendix 5 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Core no.</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Recovery (m)</i>	<i>Recovery (%)</i>
Grant Range 1	Carboniferous	Member F	78	3165.7	3167.5	0.5	25.0
Grant Range 1	Carboniferous	Member F	79	3233.3	3234.2	0.1	8.3
Grant Range 1	Carboniferous	Member F	80	3379.9	3380.8	0.6	66.7
Grant Range 1	Carboniferous	Member F	81	3403.1	3404.9	1.5	83.3
Grant Range 1	Carboniferous	Member F	82	3516.5	3517.1	0.5	75.0
Grant Range 1	Carboniferous	Member F	83	3601.2	3602.1	0.5	50.0
Grant Range 1	Carboniferous	Member G	84	3642.1	3643.3	0.6	50.0
Grant Range 1	Carboniferous	Member G	85	3710.9	3713.7	2.1	77.8
Grant Range 1	Carboniferous	Member G	86	3713.7	3716.1	2.1	87.5
Grant Range 1	Carboniferous	Member G	87	3751.2	3752.4	0.9	75.0
Grant Range 1	Carboniferous	Member G	88	3798.7	3801.2	1.5	62.5
Grant Range 1	Carboniferous	Member G	89	3827.1	3828.3	0.8	62.5
Grant Range 1	Carboniferous	Member G	90	3828.3	3830.1	0.8	41.7
Grant Range 1	Carboniferous	Member G	91	3830.1	3831.0	0.6	66.7
Grant Range 1	Carboniferous	Member G	92	3895.3	3896.6	1.2	100.0
Grant Range 1	Carboniferous	Member G	93	3896.6	3898.4	0.6	33.3
Grant Range 1	Carboniferous	Member G	94	3936.2	3936.5	0.1	25.0
Hoya 1	Grant Gp	Upper Mixed Clastics Mbr	1	84.0	152.5	0.0	100.0
Hoya 1	Grant Gp	Middle Mudstone Mbr	2	152.5	450.0	0.0	99.0
Kemp Field 1	Noonkanbah Fm		1	135.9	139.0	2.4	79.1
Kidson 1	Grant Gp	Dora Shale Mbr	1	1053.1	1056.1	0.0	0.0
Kidson 1	Grant Gp	Braeside Tillite Mbr	2	1551.4	1556.3	4.9	100.1
Kora 1	Grant Gp	Lwr Grant Gp	1	1680.0	1689.0	8.6	96.0
Kunzea 1	Grant Gp		1	29.4	91.8	82.5	99.0
Kunzea 1	Grant Gp		2	91.8	132.0	109.0	25.0
Kunzea 1	Grant Gp		3	132.0	140.0	8.0	100.0
Kunzea 1	Grant Gp		4	140.0	176.0	35.6	99.0
Kunzea 1	Grant Gp		5	176.0	259.0	16.6	20.0
Kunzea 1	Grant Gp		6	259.0	261.5	194.0	99.0
Lake Betty 1	Laurel Fm		1	2471.9	2476.2	4.0	100.0
Lloyd 1	Anderson Fm		1	1511.0	1529.0	18.5	102.8
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite	1	151.5	156.4	0.0	0.0
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite	2	236.2	236.8	0.5	75.0
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite	3	293.2	299.9	0.8	12.5
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite	4	424.0	427.3	1.5	45.5
Meda 1	Noonkanbah Fm		1	429.8	435.9	6.1	100.0
Meda 1	Noonkanbah Fm		2	592.2	598.3	2.4	40.0
Meda 1	Poole Sandstone	Nura Nura Mbr	3	719.6	723.9	4.3	100.0
Meda 1	Grant Gp	Binda Mbr	4	900.7	906.8	4.9	80.0
Meda 1	Grant Gp	Dora Mbr	5	1050.6	1051.6	0.9	100.0
Meda 1	Anderson Fm	Lower	6	1232.9	1237.5	1.5	33.3

Appendix 5 (cont.)

Well name	Formation	Formation qualifier	Core no.	Start depth (m)	End depth (m)	Recovery (m)	Recovery (%)
Meda 1	Anderson Fm	Lower	7	1415.5	1420.4	4.3	87.5
Meda 1	Laurel Fm		8	1540.8	1543.2	0.9	37.5
Meda 1	Laurel Fm		9	1596.8	1598.7	1.5	83.3
Melaleuca 1	Grant Gp	Upper Mixed Clastics Mbr	1	78.0	125.0	48.6	97.9
Melaleuca 1	Grant Gp	Upper Mixed Clastics Mbr	2	125.0	450.0	292.5	90.0
Ngalti 1	Fairfield Gp	Basal	1	1067.0	1078.2	11.2	100.0
Olios 1	Laurel Fm	Limestone	1	1324.5	1342.5	17.7	98.3
Point Moody 1	Noonkanbah Fm		1	142.0	145.7	0.0	100.0
Point Moody 1	Noonkanbah Fm		2	278.3	279.8	0.0	100.0
Point Moody 1	Poole Sandstone		3	370.6	374.3	0.0	89.0
Point Moody 1	Poole Sandstone		4	462.7	465.7	0.0	90.0
Point Moody 1	Poole Sandstone		5	514.2	520.3	0.0	100.0
Point Moody 1	Poole Sandstone		6	617.8	621.5	0.0	0.0
Point Moody 1	Poole Sandstone		7	643.1	646.8	0.0	98.0
Point Moody 1	Grant Gp		8	751.0	754.1	0.0	100.0
Point Moody 1	Grant Gp		9	837.6	841.3	0.0	100.0
Point Moody 1	Grant Gp		10	929.3	932.4	0.0	100.0
Point Moody 1	Grant Gp		11	1065.0	1068.6	0.0	98.0
Point Moody 1	Grant Gp		12	1212.8	1215.9	0.0	78.0
Point Moody 1	Grant Gp		13	1325.9	1328.9	0.0	95.0
Point Moody 1	Grant Gp		14	1417.6	1419.8	0.0	90.0
Point Moody 1	Grant Gp		15	1425.9	1430.4	0.0	100.0
Point Moody 1	Grant Gp		16	1518.8	1521.9	0.0	100.0
Point Moody 1	Grant Gp		17	1597.5	1600.5	0.0	100.0
Point Moody 1	Grant Gp		18	1647.4	1648.4	0.0	97.0
Point Moody 1	Grant Gp		19	1721.8	1723.6	0.0	71.0
Point Moody 1	Grant Gp		20	1813.6	1814.8	0.0	100.0
Point Moody 1	Grant Gp		21	1911.1	1912.6	0.0	100.0
Point Moody 1	Grant Gp		22	1944.9	1945.5	0.0	75.0
Point Moody 1	Anderson Fm		23	2069.3	2070.8	0.0	60.0
Point Moody 1	Anderson Fm		24	2216.8	2218.6	0.0	57.0
Point Moody 1	Anderson Fm		25	2340.9	2343.0	0.0	26.0
Point Moody 1	Anderson Fm		26	2437.5	2441.1	0.0	92.0
Sahara 1	Poole Sandstone		1	307.5	310.6	2.1	70.0
Sahara 1	Grant Gp	Dora Shale Mbr	2	652.0	655.0	3.0	100.0
Sahara 1	Grant Gp	Cuncudgerie Sandstone Mbr	3	766.6	769.6	3.0	100.0
Sahara 1	Grant Gp	Cuncudgerie Sandstone Mbr	4	869.3	872.9	3.7	100.0
Samphire Marsh 1	Grant Gp		1	749.0	756.0	3.0	43.0
Samphire Marsh 1	Grant Gp		2	1039.0	1044.0	2.0	40.0
Samphire Marsh 1	Grant Gp		3	1168.0	1173.0	3.0	60.0
Santalum 1A	Grant Gp		1	252.8	341.0	0.0	50.0

Appendix 5 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Core no.</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Recovery (m)</i>	<i>Recovery (%)</i>
St George Range 1	Grant Gp		1	91.4	94.5	3.1	100.0
St George Range 1	Grant Gp		2	167.6	170.7	2.4	80.0
St George Range 1	Grant Gp		3	259.1	262.1	3.1	100.0
St George Range 1	Grant Gp		4	545.9	548.9	3.1	100.0
St George Range 1	Grant Gp		5	740.1	743.1	3.1	100.0
St George Range 1	Grant Gp		6	1099.7	1102.8	0.6	20.0
St George Range 1	Grant Gp		7	1360.6	1364.6	4.0	100.0
St George Range 1	Carboniferous	St George Fm (WAPET)	8	1569.7	1575.8	5.5	90.0
St George Range 1	Carboniferous	St George Fm (WAPET)	9	1669.4	1672.4	2.1	70.0
St George Range 1	Carboniferous	St George Fm (WAPET)	10	1925.7	1930.3	4.6	100.0
St George Range 1	Carboniferous	St George Fm (WAPET)	11	2178.4	2183.0	4.6	100.0
St George Range 1	Carboniferous	St George Fm (WAPET)	12	2446.6	2447.5	0.6	66.6
St George Range 1	Anderson Fm		13	2501.8	2504.9	3.1	100.0
St George Range 1	Anderson Fm		14	2594.2	2597.2	3.1	100.0
St George Range 1	Anderson Fm		15	2692.0	2695.0	2.7	90.0
St George Range 1	Laurel Fm	?Laurel Fm	16	2899.9	2903.8	3.1	77.0
St George Range 1	Laurel Fm	?Laurel Fm	17	3002.6	3005.6	3.1	100.0
St George Range 1	Laurel Fm	?Laurel Fm	18	3124.5	3127.6	3.1	100.0
St George Range 1	Laurel Fm	?Laurel Fm	19	3180.6	3182.4	1.5	83.3
St George Range 1	Laurel Fm	?Laurel Fm	20	3182.4	3184.3	1.8	100.0
St George Range 1	Laurel Fm	?Laurel Fm	21	3274.8	3277.8	3.1	100.0
St George Range 1	Laurel Fm	?Laurel Fm	22	3441.2	3444.2	1.5	50.0
St George Range 1	Laurel Fm	?Laurel Fm	23	3734.7	3740.8	6.1	100.0
St George Range 1	Laurel Fm	?Laurel Fm	24	3995.9	3999.0	2.7	90.0
St George Range 1	Laurel Fm	?Laurel Fm	25	4285.5	4288.5	3.1	100.0
St George Range 1	Laurel Fm	?Laurel Fm	26	4436.1	4437.3	1.2	100.0
Terrace 1	Grant Gp		1	934.0	943.2	9.2	100.0
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	2	1854.0	1863.0	5.3	59.2
Triodia 1	Grant Gp		1	138.0	631.0	0.0	100.0
West Terrace 1	Grant Gp	Base Channel	1	1057.0	1075.0	16.7	93.0
West Terrace 1	Grant Gp	Base Channel	2	1075.0	1084.0	8.6	95.6
West Terrace 1	Grant Gp	Base Channel	3	1156.3	1174.7	18.4	100.0
Willara 1	Grant Gp		01	1147.0	1150.6	3.7	100.0
Wilson Cliffs 1	Grant Gp	Mbr 2	1	922.9	929.0	5.5	90.0
Yulleroo 1	Carboniferous	Unit A	1	689.9	698.4	5.2	60.7
Yulleroo 1	Carboniferous	Unit A	2	828.9	837.4	8.5	100.0
Yulleroo 1	Carboniferous	Unit B	3	1286.7	1295.2	8.5	99.9
Yulleroo 1	Carboniferous	Unit C	4	2213.9	2221.5	7.5	98.4
Yulleroo 1	Carboniferous	Unit C	5	2298.7	2307.5	8.8	99.3
Yulleroo 1	Carboniferous	Unit C	6	2519.6	2525.4	5.7	98.4
Yulleroo 1	Carboniferous	Unit C	7	2663.5	2670.2	1.1	16.4

Appendix 5 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Core no.</i>	<i>Start depth (m)</i>	<i>End depth (m)</i>	<i>Recovery (m)</i>	<i>Recovery (%)</i>
Yulleroo 1	Carboniferous	Unit C	8	2723.2	2726.6	2.5	73.7
Yulleroo 1	Carboniferous	Unit C	9	2874.7	2878.4	3.3	90.0
Yulleroo 1	Carboniferous	Unit C	10	3027.9	3031.5	3.7	100.0
Yulleroo 1	Carboniferous	Unit C	11	3111.7	3115.1	3.0	90.9
Yulleroo 1	Carboniferous	Unit C	12	3206.2	3209.8	3.7	100.0
Yulleroo 1	Carboniferous	Unit C	13	3294.0	3306.2	4.3	35.0
Yulleroo 1	Carboniferous	Unit C	14	3348.8	3354.6	5.5	94.7
Yulleroo 1	Carboniferous	Unit C	15	3392.4	3395.5	3.0	100.0
Yulleroo 1	Carboniferous	Unit C	16	3395.5	3401.6	6.1	100.0
Yulleroo 1	Carboniferous	Unit C	17	3490.3	3494.2	4.0	100.0
Yulleroo 1	Carboniferous	Unit C	18	3583.5	3586.9	3.4	100.0
Yulleroo 1	Carboniferous	Unit C	19	3658.2	3661.3	3.0	100.0
Yulleroo 1	Carboniferous	Unit C	20	3668.9	3685.6	16.8	100.0
Yulleroo 1	Carboniferous	Unit C	21	3836.2	3839.3	2.7	90.0

NOTES:
Gp = Group; Fm = Formation; Mbr = Member; Lwr = Lower; Sh = Shale; Sst = Sandstone; Upp = Upper; WAPET = West Australian Petroleum Pty Ltd; Carb = Carbonate

Appendix 6

Core analysis data

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density</i>	<i>Unspecified porosity</i>	<i>Horizontal porosity</i>	<i>Unspecified permeability</i>	<i>Horizontal permeability</i>
			(m)	(m)		(g/cc)	(%)	(%)	(md)	(md)
Aristida 1A	Grant Gp		194.85		Sltst	2.68	13.9		0.07	
Aristida 1A	Grant Gp		195.25		Sst	2.69	14.6			
Aristida 1A	Grant Gp		195.41		Sst		19.6			
Aristida 1A	Grant Gp		195.61		Sst	2.68	17.8			
Aristida 1A	Grant Gp		195.84		Sst	2.66	13.5			
Aristida 1A	Grant Gp		196.06		Cgl	2.66	9.5			
Aristida 1A	Grant Gp		196.66		Sst	2.64	20.1			
Aristida 1A	Grant Gp		201.89		Sst		18.6			
Aristida 1A	Grant Gp		202.05		Sst		17.5			
Aristida 1A	Grant Gp		202.38		Cgl		17.3			
Aristida 1A	Grant Gp		204.44		Sst		20.7			
Atrax 1	Grant Gp		583.40	0.00	Sst		18		754	
Atrax 1	Grant Gp		585.60	0.00	Cgl Sst		18.5		1015	
Blina 1	Yellow Drum Fm		1207.35	1207.50	Ls/Dol		1.2		2.1	1.7
Blina 1	Yellow Drum Fm		1207.55	1207.70	Ls		8.2		1.6	1.3
Blina 1	Yellow Drum Fm		1207.71	1207.82	Dol		16.6		1.1	0.8
Blina 1	Yellow Drum Fm		1207.86	1208.00	Dol		23.5		1.8	0.76
Blina 1	Yellow Drum Fm		1208.08	1208.19	Dol		11.1		1.1	0.36
Blina 1	Yellow Drum Fm		1208.26	1208.39	Dol		18.2		0.29	0.2
Blina 1	Yellow Drum Fm		1208.40	1208.53	Dol		16.8		0.17	0.15
Blina 1	Yellow Drum Fm		1208.65	1208.80	Dol		15.9		0.39	0.36
Blina 1	Yellow Drum Fm		1209.19	1209.35	Dol		21.8		0.8	0.7
Blina 1	Yellow Drum Fm		1209.35	1209.51	Dol		5.5		0.01	0.01
Blina 1	Yellow Drum Fm		1209.51	1209.67	Dol		22.9		0.38	0.24
Blina 1	Yellow Drum Fm		1209.75	1209.88	Dol		20		0.94	0.9
Blina 1	Yellow Drum Fm		1210.11	1210.26	Dol		12.9		0.58	0.58
Blina 1	Yellow Drum Fm		1210.34	1210.48	Dol		11.8		0.71	0.57
Blina 1	Yellow Drum Fm		1210.49	1210.62	Dol		11.9		0.66	0.42
Blina 1	Yellow Drum Fm		1210.64	1210.76	Dol		8.6		1.5	1.4
Blina 1	Yellow Drum Fm		1211.00	1211.15	Fractured sample		0			
Blina 1	Yellow Drum Fm		1211.30	1211.42	Dol		17.1		1.4	0.71
Blina 1	Yellow Drum Fm		1211.43	1211.58	Dol		13.6		3.9	3.4
Blina 1	Yellow Drum Fm		1211.69	1211.85	Dol		15.2		4.1	3.4
Blina 1	Yellow Drum Fm		1212.23	1212.38	Dol		14.7		3.8	3.6
Blina 1	Yellow Drum Fm		1212.38	1212.52	Dol		20.9		6.2	3.5
Blina 1	Yellow Drum Fm		1212.65	1212.77	Dol		7.9		4.2	2
Blina 1	Yellow Drum Fm		1212.83	1212.97	Dol		12.6		1.7	1.6

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			<i>(m)</i>	<i>(m)</i>						
Blina 1	Yellow Drum Fm		1213.18	1213.34	Dol		18.7		3.6	3.3
Blina 1	Yellow Drum Fm		1213.41	1213.53	Dol		18		2	1.3
Blina 1	Yellow Drum Fm		1213.53	1213.67	Dol		12.1		1.8	1.6
Blina 1	Yellow Drum Fm		1213.74	1213.89	Dol		17.2		13	3.3
Blina 1	Yellow Drum Fm		1214.10	1214.24	Dol		23.3		2.2	2.1
Blina 1	Yellow Drum Fm		1214.41	1214.52	Dol		15.4		1.9	1.3
Blina 1	Yellow Drum Fm		1214.63	1214.78	Dol		25.2		2.1	2
Blina 1	Yellow Drum Fm		1214.81	1214.95	Dol		23.3		42	6.5
Blina 1	Yellow Drum Fm		1215.14	1215.29	Dol		27.2		244	220
Blina 1	Yellow Drum Fm		1215.29	1215.43	Dol		25		297	125
Blina 1	Yellow Drum Fm		1215.47	1215.59	Dol		25.6		20	12
Blina 1	Yellow Drum Fm		1215.65	1215.89	Dol		24.2		127	108
Blina 1	Yellow Drum Fm		1216.41	1216.57	Dol		22.8		7.9	2.5
Blina 1	Yellow Drum Fm		1216.67	1216.80	Dol		20.2		170	26
Blina 1	Yellow Drum Fm		1216.80	1216.95	Dol		26.1		73	66
Blina 1	Yellow Drum Fm		1217.00	1217.15	Dol		21.8		68	29
Blina 1	Yellow Drum Fm		1217.27	1217.40	Dol		17.6		70	68
Blina 1	Yellow Drum Fm		1218.21	1218.32	Dol		20.9		40	35
Blina 1	Yellow Drum Fm		1218.40	1218.52	Dol		19.3		129	42
Blina 1	Yellow Drum Fm		1218.57	1218.72	Dol		20.4		42	23
Blina 1	Yellow Drum Fm		1218.78	1218.92	Dol		21.9		28	24
Blina 1	Yellow Drum Fm		1219.17	1219.33	Dol		22.3		17	16
Blina 1	Yellow Drum Fm		1219.40	1219.54	Dol		22.8		24	5.2
Blina 1	Yellow Drum Fm		1219.60	1219.76	Dol		24.5		39	22
Blina 1	Yellow Drum Fm		1219.76	1219.94	Dol		21.5		18	10
Blina 1	Yellow Drum Fm		1220.20	1220.35	Ls		25.8		24	22
Blina 1	Yellow Drum Fm		1220.39	1220.54	Ls		24.1		12	11
Blina 1	Yellow Drum Fm		1220.54	1220.71	Ls		25.5		12	11
Blina 1	Yellow Drum Fm		1220.71	1220.87	Ls		24.2		0.94	0.89
Blina 1	Yellow Drum Fm		1221.10	1221.26	Dol		24.4		8.2	7
Blina 1	Yellow Drum Fm		1221.26	1221.44	Dol		23.2		13	11
Blina 1	Yellow Drum Fm		1221.48	1221.63	Dol		22.9		23	10
Blina 1	Yellow Drum Fm		1221.67	1221.84	Dol		24.5		39	32
Blina 1	Yellow Drum Fm		1222.06	1222.23	Dol		22.3		29	22
Blina 1	Yellow Drum Fm		1222.26	1222.41	Dol		25.5		44	42
Blina 1	Yellow Drum Fm		1222.52	1222.63	Dol		28.8		35	9.4
Blina 1	Yellow Drum Fm		1222.72	1222.87	Dol		20.1		21	9.4
Blina 1	Yellow Drum Fm		1223.29	1223.45	Dol		24.9		12	12
Blina 1	Yellow Drum Fm		1223.50	1223.62	Dol		26.1		110	80
Blina 1	Yellow Drum Fm		1223.64	1223.78	Ls		10		3.8	1.9

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			(m)	(m)						
Blina 1	Yellow Drum Fm		1223.78	1223.94	Ls		20.2		18	18
Blina 1	Yellow Drum Fm		1224.00	1224.14	Dol		20.3		9	7.8
Blina 1	Yellow Drum Fm		1224.27	1224.40	Ls		14.5		1.1	0.98
Blina 1	Yellow Drum Fm		1224.45	1224.60	Ls		12.3		0.34	0.11
Blina 1	Yellow Drum Fm		1224.78	1224.93	Ls		3.2		0.02	0.01
Blina 1	Yellow Drum Fm		1225.17	1225.32	Ls		0.4		0.04	0.03
Blina 1	Yellow Drum Fm		1225.37	1225.50	Ls		3.4		1.9	0.73
Blina 1	Yellow Drum Fm		1225.58	1225.62	Ls		0.33			
Blina 1	Yellow Drum Fm		1225.62	1225.77	Ls		0.9			
Blina 1	Yellow Drum Fm		1226.31	1226.44	Ls		0.8		0.15	
Blina 1	Yellow Drum Fm		1226.44	1226.56	Ls		0.5			
Blina 1	Yellow Drum Fm		1226.58	1226.69	Ls		1.4		0.14	
Blina 1	Yellow Drum Fm		1226.81	1226.96	Ls		0.1			
Blina 1	Yellow Drum Fm		1227.03	1227.15	Ls		0.1		0.02	
Blina 1	Yellow Drum Fm		1227.22	1227.37	Ls		0.2			
Blina 1	Yellow Drum Fm		1227.55	1227.69	Ls		0.1			
Blina 1	Yellow Drum Fm		1227.79	1227.95	Ls		1			
Blina 1	Yellow Drum Fm		1228.00	1228.13	Ls		0.7			
Blina 1	Yellow Drum Fm		1228.13	1228.36	Ls		2.2			
Blina 1	Yellow Drum Fm		1228.52	1228.67	Ls		4.1			
Blina 1	Yellow Drum Fm		1228.74	1228.89	Dol		9.5			
Blina 1	Yellow Drum Fm		1229.00	1229.15	Dol		14.6			
Blina 1	Yellow Drum Fm		1229.15	1229.32	Dol		15.5		0.13	
Blina 1	Yellow Drum Fm		1229.40	1229.54	Ls		11.7		1.1	0.09
Blina 1	Yellow Drum Fm		1229.57	1229.72	Dol		11.1			
Blina 1	Yellow Drum Fm		1230.16	1230.28	Dol		2.4			
Blina 1	Yellow Drum Fm		1230.28	1230.38	Dol		1.9		0.04	0.03
Blina 1	Yellow Drum Fm		1230.41	1230.57	Ls		0.6			
Blina 1	Yellow Drum Fm		1230.57	1230.73	Ls		1.6			
Blina 1	Yellow Drum Fm		1231.04	1231.17	Dol		5.3			
Blina 1	Yellow Drum Fm		1231.19	1231.32	Dol		9.4			
Blina 1	Yellow Drum Fm		1231.37	1231.51	Dol		2.5			
Blina 1	Yellow Drum Fm		1231.54	1231.69	Dol		3.1		0.25	0.06
Blina 1	Yellow Drum Fm		1232.12	1232.25	Ls		0.3			
Blina 1	Yellow Drum Fm		1232.26	1232.40	Dol		4.4		0.06	
Blina 1	Yellow Drum Fm		1232.56	1232.70	Dol		10.4		0.07	0.04
Blina 1	Yellow Drum Fm		1232.70	1232.83	Dol		7.3		0.02	
Blina 1	Yellow Drum Fm		1233.00	1233.13	Dol		10.6		0.02	
Blina 1	Yellow Drum Fm		1233.41	1233.55	Dol		14.4		0.03	0.02
Blina 1	Yellow Drum Fm		1233.59	1233.71	Dol		8		0.19	0.04

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			<i>(m)</i>	<i>(m)</i>						
Blina 1	Yellow Drum Fm		1233.72	1233.85	Dol		9.6			
Blina 1	Yellow Drum Fm		1234.11	1234.22	Dol		12.6		0.3	0.23
Blina 1	Yellow Drum Fm		1234.25	1234.41	Dol		3.9		0.17	0.08
Blina 1	Yellow Drum Fm		1234.58	1234.73	Dol		4.6			
Blina 1	Yellow Drum Fm		1234.73	1234.88	Dol		7.8		0.21	0.09
Blina 1	Yellow Drum Fm		1235.04	1235.20	Dol		11.2		0.45	0.22
Blina 1	Yellow Drum Fm		1235.22	1235.36	Dol		11.8		0.2	0.08
Blina 1	Yellow Drum Fm		1235.39	1235.53	Dol		7.8			
Blina 1	Yellow Drum Fm		1235.57	1235.70	Dol		17.5		0.7	0.3
Blina 1	Yellow Drum Fm		1292.50	0.00	Sst	2.71	0.7		0.015	
Blina 1	Yellow Drum Fm		1293.50	0.00	Sst	2.76	6		0.03	
Blina 1	Yellow Drum Fm		1294.50	0.00	Sst	2.75	4.8		0.03	
Blina 1	Yellow Drum Fm		1295.50	0.00	Sst	2.75	4.6		0.04	
Blina 1	Yellow Drum Fm		1296.50	0.00	Sst	2.71	1		0.09	
Blina 1	Yellow Drum Fm		1297.50	0.00	Sst	2.75	4		0.025	
Blina 1	Yellow Drum Fm		1298.50	0.00	Sst	2.70	1.1		0.02	
Blina 1	Yellow Drum Fm		1299.50	0.00	Sst	2.76	4.4		0.022	
Blina 1	Yellow Drum Fm		1300.50	0.00	Sst	2.74	4.1		0.075	
Blina 1	Yellow Drum Fm		1301.50	0.00	Sst	2.70	1.2		0.015	
Blina 1	Yellow Drum Fm		1302.50	0.00	Sst	2.72	2.3		0.024	
Blina 1	Yellow Drum Fm		1303.50	0.00	Sst	2.71	2.2		0.025	
Blina 1	Yellow Drum Fm		1304.50	0.00	Sst	2.67	2.7		0.04	
Blina 1	Yellow Drum Fm		1305.50	0.00	Sst	2.70	0.9		0.012	
Blina 1	Yellow Drum Fm		1306.50	0.00	Sst	2.71	1.3		0.01	
Blina 1	Yellow Drum Fm		1307.50	0.00	Sst	2.74	3.5		0.017	
Blina 1	Yellow Drum Fm		1308.50	0.00	Sst	2.77	5.8		0.02	
Cassia 1	Grant Gp		183.73	0.00		2.61	29.6		1080	
Cassia 1	Grant Gp		257.75	0.00		2.66	30.6		1740	
Cassia 1	Grant Gp		335.29	0.00		2.64	27.1		412	
Cassia 1	Grant Gp		390.43	0.00		2.63	30.6		5520	
Cassia 1	Grant Gp		424.05	0.00		2.64	28.2		485	
Cassia 1	Fairfield Gp	Equivalent	564.14	0.00		2.63	29.8		2230	
Cassia 1	Fairfield Gp	Equivalent	588.07	0.00		2.64	27.4		563	
Cassia 1	Fairfield Gp	Equivalent	639.80	0.00		2.65	29		1190	
Cassia 1	Fairfield Gp	Equivalent	650.10			2.65	28.9		463	
Cassia 1	Fairfield Gp	Equivalent	676.66			2.64	25.6		45	
Cassia 1	Fairfield Gp	Equivalent	715.42	0.00		2.64	25.1		36	
Cassia 1	Fairfield Gp	Equivalent	737.80	0.00		2.63	23.8		115	
Cassia 1	Fairfield Gp	Equivalent	749.02	0.00		2.63	23.3		276	
Cassia 1	Fairfield Gp	Equivalent	933.44			2.85	7.4		385	

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth	Base depth	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
			(m)	(m)						
Cassia 1	Fairfield Gp	Equivalent	965.82			2.84	3.5		0.02	
Chirup 1	Grant Gp	Liveringa Gp	521.60		Sst		37		209	
Chirup 1	Grant Gp	Dora Mbr	683.70		Clst		28		0	
Chirup 1	Grant Gp	Dora Mbr	686.50		Sst		31		1500	
Chirup 1	Grant Gp	Dora Mbr	757.80		Sst		31		4375	
Chirup 1	Grant Gp	Dora Mbr	762.40		Sst		33		3153	
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1625.40		Intbd Sst, Sltst & Clst	2.72	10.2			0.01
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1626.40		Intbd Sst, Sltst & Clst	2.69	7.9			0.01
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1627.40		Intbd Sst, Sltst & Clst	2.70	3.1			0.01
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1628.40	0.00	Intbd Sst, Sltst & Clst	2.77	2			0.01
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1629.90		Intbd Sst, Sltst & Clst	2.68	4.6			0.96
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1630.90	0.00	Intbd Sst, Sltst & Clst	2.76	5.7			1.7
Crossland 2	Grant Gp	Dora Shale Mbr	408.70		Clst		31.3			0.1
Crossland 2	Grant Gp	Dora Shale Mbr	510.54				7.2			
Crossland 2	Grant Gp	Dora Shale Mbr	511.15	0.00			12		1.2	
Crossland 2	Grant Gp	Dora Shale Mbr	512.06				8.1		1	
Crossland 2	Grant Gp	Dora Shale Mbr	512.37	0.00			11.9		13	
Crossland 2	Grant Gp	Dora Shale Mbr	512.67	0.00			15.1		71	
Crossland 2	Grant Gp	Dora Shale Mbr	512.98	0.00			7.2		0.3	
Crossland 2	Grant Gp	Dora Shale Mbr	513.28	0.00			7.8			
Crossland 2	Grant Gp	Dora Shale Mbr	513.59	0.00			9.8		0.2	
Crossland 2	Grant Gp	Dora Shale Mbr	513.89	0.00			5.4			
Crossland 2	Grant Gp	Dora Shale Mbr	514.20	0.00			8		7.8	
Crossland 2	Grant Gp	Dora Shale Mbr	514.50	0.00			1.2			
Crossland 2	Grant Gp	Dora Shale Mbr	514.81	0.00			4.2			
Crossland 2	Grant Gp	Dora Shale Mbr	515.11				2.6			
Crossland 2	Grant Gp	Dora Shale Mbr	515.42				9.1		0.3	
Cycas 1	Grant Gp	Unit A	983.30	0.00				16.8		2.8
Cycas 1	Grant Gp	Unit A	998.70					12.8		7.2
Cycas 1	Anderson Fm		2467.90					18.9		16.5
Cycas 1	Anderson Fm		2468.50	0.00				16.7		3.5
Cycas 1	Anderson Fm		2469.80	0.00				14.4		64
Cycas 1	Anderson Fm		2471.80	0.00				6.7		0.262
Cycas 1	Anderson Fm		2473.00					7.5		0.396
Cycas 1	Anderson Fm		2475.20	0.00				13.3		122
Dampiera 1A	Grant Gp		358.90	358.95		2.67	14.1		0.15	
Dampiera 1A	Grant Gp		377.34	377.40		2.66	11.3			
Dampiera 1A	Fairfield Gp		402.58	402.63		2.78	0.3			
Dampiera 1A	Fairfield Gp		440.74	440.80		2.71	6.2			
Ellendale 1	Laurel Fm		1964.00	0.00	Sst Fluor	2.63	9.7		0.128	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density</i>	<i>Unspecified porosity</i>	<i>Horizontal porosity</i>	<i>Unspecified permeability</i>	<i>Horizontal permeability</i>
			(m)	(m)		(g/cc)	(%)	(%)	(md)	(md)
Ellendale 1	Laurel Fm		1964.50	0.00	Sst	2.74	3.3		0.046	
Ellendale 1	Laurel Fm		1965.00		Sst	2.71	2.7		0.04	
Ellendale 1	Laurel Fm		1965.50		Sst	2.74	4.9		0.056	
Ellendale 1	Laurel Fm		1966.00	0.00	Sst	2.70	4.5		0.032	
Ellendale 1	Laurel Fm		1966.50		Sst	2.77	5.3		0.051	
Ellendale 1	Laurel Fm		1967.00		Sst	2.68	9.4		0.127	
Ellendale 1	Laurel Fm		1967.50	0.00	Sst	2.71	7.7		0.048	
Ellendale 1	Laurel Fm		1968.00	0.00	Sst	2.66	9.2		0.196	
Ellendale 1	Laurel Fm		1968.50	0.00	Sst	2.74	7		0.078	
Ellendale 1	Laurel Fm		1969.00		Sst	2.70	3.3		0.026	
Ellendale 1	Laurel Fm		1969.50		Sst	2.68	3.5		0.031	
Ellendale 1	Laurel Fm		1970.00	0.00	Sst	2.64	2.6		0.249	
Ellendale 1	Laurel Fm		1971.00	0.00	Sst	2.61	2.1		0.111	
Ellendale 1	Laurel Fm		1972.00	0.00	Sst	2.61	2.5		0.183	
Ellendale 1	Laurel Fm		1972.20		Sst	2.73	1.8		0.007	
Ellendale 1	Laurel Fm		1972.50		Sst	2.63	7.8		0.032	
Ficus 1	Grant Gp		341.06	0.00		2.62	24.3		343	
Ficus 1	Grant Gp		353.36	0.00		2.67	24.3		0.11	
Ficus 1	Grant Gp		388.05	0.00		2.63	23		4225	
Ficus 1	Grant Gp		392.96	0.00		2.64	13.1		0.03	
Ficus 1	Grant Gp		416.97	0.00		2.63	23		2196	
Ficus 1	Grant Gp		426.50	0.00		2.66	13		30	
Ficus 1	Grant Gp		440.05	0.00		2.65	23.3		1463	
Ficus 1	Grant Gp		451.05	0.00		2.68	15.3		661	
Ficus 1	Grant Gp		457.42	0.00		2.69	16.1		0.014	
Ficus 1	Grant Gp		463.96			2.66	17.7		20	
Ficus 1	Grant Gp		472.67			2.65	11.4			
Ficus 1	Fairfield Gp		519.44	0.00		2.73	12			
Ficus 1	Fairfield Gp		532.24	0.00		2.79	2.9		0.007	
Ficus 1	Fairfield Gp		532.24	0.00		2.80	2.6			
Ficus 1	Fairfield Gp		555.56			2.70	1		0.004	
Ficus 1	Fairfield Gp		555.56			2.73	2		0.004	
Ficus 1	Fairfield Gp		577.04	0.00		2.69	23.9		601	
Ficus 1	Fairfield Gp		587.64			2.69	2.1		0.006	
Ficus 1	Fairfield Gp		587.64			2.69	2.5		0.003	
Ficus 1	Fairfield Gp		607.88	0.00		2.81	7.1		0.01	
Ficus 1	Fairfield Gp		609.48	0.00		2.83	15.3		10	
Frankenstein 1	Unnamed	Pre Grant	910.55			2.66	25.3		179	
Frankenstein 1	Unnamed	Pre Grant	911.60			2.68	10.4		1.77	
Frankenstein 1	Unnamed	Pre Grant	912.45	0.00		2.66	24.4		91.2	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			(m)	(m)						
Frankenstein 1	Unnamed	Pre Grant	913.55			2.70	13.3		1.88	
Frankenstein 1	Unnamed	Pre Grant	914.20	0.00		2.66	21.2		1.21	
Frankenstein 1	Unnamed	Pre Grant	915.10			2.65	12.7		8.39	
Frankenstein 1	Unnamed	Pre Grant	915.30	0.00		2.62	9.8			
Frankenstein 1	Unnamed	Pre Grant	915.55	0.00		2.60	9			
Frankenstein 1	Unnamed	Pre Grant	915.90			2.63	10.1			
Frankenstein 1	Unnamed	Pre Grant	916.20	0.00		2.63	9.6		0.085	
Frankenstein 1	Unnamed	Pre Grant	916.50	0.00		2.62	11.2		0.044	
Frankenstein 1	Unnamed	Pre Grant	916.80			2.61	8.8			
Frankenstein 1	Unnamed	Pre Grant	917.10	0.00		2.63	10.3		0.008	
Frankenstein 1	Unnamed	Pre Grant	917.50			2.61	9			
Frankenstein 1	Unnamed	Pre Grant	917.72			2.63	10.9			
Frankenstein 1	Unnamed	Pre Grant	918.00	0.00		2.61	9.3			
Frankenstein 1	Unnamed	Pre Grant	918.30	0.00		2.63	4			
Frankenstein 1	Unnamed	Pre Grant	918.50			2.60	8.7			
Frankenstein 1	Unnamed	Pre Grant	918.92	0.00		2.62	9			
Frankenstein 1	Unnamed	Pre Grant	919.75			2.59	8.9			
Frankenstein 1	Unnamed	Pre Grant	920.00	0.00		2.63	5.4			
Frankenstein 1	Unnamed	Pre Grant	920.30	0.00		2.62	9.2			
Frankenstein 1	Unnamed	Pre Grant	920.55			2.60	8.4			
Frankenstein 1	Unnamed	Pre Grant	920.90	0.00		2.64	9.7			
Frankenstein 1	Unnamed	Pre Grant	921.20	0.00		2.65	10.3			
Frankenstein 1	Unnamed	Pre Grant	921.50			2.65	21.3		14.8	
Frankenstein 1	Unnamed	Pre Grant	921.80	0.00		2.66	18.9		1.66	
Frankenstein 1	Unnamed	Pre Grant	922.10			2.63	9.9			
Frankenstein 1	Unnamed	Pre Grant	922.50			2.67	14.6		2.07	
Frankenstein 1	Unnamed	Pre Grant	922.70	0.00		2.64	11.4		0.007	
Frankenstein 1	Unnamed	Pre Grant	923.00	0.00		2.62	8.8			
Frankenstein 1	Unnamed	Pre Grant	923.30			2.63	10.2			
Frankenstein 1	Unnamed	Pre Grant	923.50	0.00		2.62	9.1			
Frankenstein 1	Unnamed	Pre Grant	923.90			2.63	10.4			
Frankenstein 1	Unnamed	Pre Grant	924.20	0.00		2.62	8.9			
Frankenstein 1	Unnamed	Pre Grant	924.55	0.00		2.66	14.7		5.34	
Frankenstein 1	Unnamed	Pre Grant	924.80	0.00		2.64	11.9		0.024	
Grant Range 1	Grant Gp	Member A	366.67	369.72	Sst	2.62	0			
Grant Range 1	Grant Gp	Member A	424.89	426.42	Sh	2.73	0			
Grant Range 1	Grant Gp	Member A	516.03	519.07	Sst	2.35	14.5			
Grant Range 1	Grant Gp	Member A	619.05	622.10	Sst	2.54	0			
Grant Range 1	Grant Gp	Member A	685.80	780.29	Sst	2.51	0			
Grant Range 1	Grant Gp	Member A	699.82	702.87	Sst	2.38	0			

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			<i>(m)</i>	<i>(m)</i>						
Grant Range 1	Grant Gp	Member A	780.29	781.81	Sst	2.48	0			
Grant Range 1	Grant Gp	Member A	817.17	818.69	Sst	2.59	0			
Grant Range 1	Grant Gp	Member A	918.06	920.19	Qtz Cgl & Sst	2.43	0			
Grant Range 1	Grant Gp	Member A	1078.99	1081.74	Sst	2.29	16.8			241
Grant Range 1	Grant Gp	Member A	1179.58	1181.10	Sst	2.47	0			
Grant Range 1	Grant Gp	Member A	1289.30	1292.05	Sst	2.38	14.2			2.3
Grant Range 1	Grant Gp	Member A	1364.59	1365.50	Sst & sdy Sltst	2.51	0			
Grant Range 1	Grant Gp	Member A	1435.61	1437.44	Sst	2.40	0			
Grant Range 1	Grant Gp	Member A	1515.77	1518.51	Sst	2.41	0			
Grant Range 1	Grant Gp	Member A	1518.51	1519.43	Sst	2.31	0			
Grant Range 1	Grant Gp	Member A	1616.96	1618.18	Sst	2.34	0			
Grant Range 1	Grant Gp	Member B	1677.92	1679.14	Sltst & sh	2.70	0			
Grant Range 1	Grant Gp	Member B	1694.38	1695.30	Sh & Sltst	2.67	0			
Grant Range 1	Grant Gp	Member B	1734.31	1737.06	Sst	2.44	16.7			0
Grant Range 1	Grant Gp	Member B	1828.80	1830.32	Sst	2.45	0			
Grant Range 1	Grant Gp	Member B	1830.32	1831.85	Sst	2.40	0			
Grant Range 1	Grant Gp	Member C	1856.23	1857.45	Sst & Sh	2.49	0			
Grant Range 1	Grant Gp	Member C	1857.45	1858.37	Sst & Sh	2.58	0			
Grant Range 1	Grant Gp	Member C	1858.37	1861.11	Sh	2.68	0			
Grant Range 1	Grant Gp	Member C	1861.11	1863.85	Sh	2.67	0			
Grant Range 1	Grant Gp	Member C	1880.01	1881.53	Sh	2.73	0			
Grant Range 1	Grant Gp	Member C	1881.53	1883.36	Sh	2.72	0			
Grant Range 1	Grant Gp	Member C	1883.36	1885.19	Sh	2.69	0			
Grant Range 1	Grant Gp	Member C	1885.19	1885.49	Sh	2.67	0			
Grant Range 1	Grant Gp	Member C	1892.50	1895.25	Sst	2.35	0			
Grant Range 1	Grant Gp	Member C	1895.25	1897.99	Sst	2.31	0			
Grant Range 1	Grant Gp	Member C	1897.99	1899.51	Sst	2.26	0			
Grant Range 1	Grant Gp	Member C	1899.51	1901.04	Sltst	2.65	0			
Grant Range 1	Grant Gp	Member C	1951.33	1952.85	Sst	2.51	0			
Grant Range 1	Grant Gp	Member C	1952.85	1954.99	Sltst	2.53	0			
Grant Range 1	Grant Gp	Member C	2004.97	2005.58	Sst	2.60	0			
Grant Range 1	Grant Gp	Member C	2032.71	2034.84	Sst	2.46	13.9			0
Grant Range 1	Grant Gp	Member C	2103.12	2103.73	Sst	2.51	0			
Grant Range 1	Grant Gp	Member C	2163.47	2164.38	Sst	2.54	0			
Grant Range 1	Grant Gp	Member C	2164.38	2166.21	Sst	2.36	0			
Grant Range 1	Grant Gp	Member C	2222.91	2225.65	Sst	2.40	20.7			103.2
Grant Range 1	Grant Gp	Member C	2286.61	2287.52	Sltst & Sst	2.65	6.3			0
Grant Range 1	Grant Gp	Member C	2352.75	2354.28	Sst	2.58	0			
Grant Range 1	Carboniferous	Member D	2410.05	2411.58	Sh	2.68	0			
Grant Range 1	Carboniferous	Member D	2429.26	2430.48	Sh	2.67	0			

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth (m)	Base depth (m)	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
Grant Range 1	Carboniferous	Member D	2430.48	2431.69	Sh, Ls, Sst	2.71	0			
Grant Range 1	Carboniferous	Member D	2431.69	2433.22	Sh	2.61	0			
Grant Range 1	Carboniferous	Member D	2436.88	2439.62	Sst & Sltst	2.54	6			0
Grant Range 1	Carboniferous	Member D	2485.64	2488.39	Sst	2.67	0			
Grant Range 1	Carboniferous	Member D	2488.39	2490.83	Sst & Sh	2.47	0			
Grant Range 1	Carboniferous	Member D	2566.42	2567.64	Ls	2.76	0			
Grant Range 1	Carboniferous	Member D	2567.64	2568.55	Sst	2.64	0			
Grant Range 1	Carboniferous	Member D	2599.94	2601.77	Sh & sst	2.67	0			
Grant Range 1	Carboniferous	Member D	2601.77	2604.21	Sst, Sltst & Sh	2.58	0			
Grant Range 1	Carboniferous	Member D	2604.21	2607.26	Sh & Sst	2.57	7.5			0
Grant Range 1	Carboniferous	Member D	2776.12	2779.17	Sst	2.50	0			
Grant Range 1	Carboniferous	Member D	2874.57	2875.79	Sh		0			
Grant Range 1	Carboniferous	Member D	2926.38	2927.60	Sst	2.55	6.7			0
Grant Range 1	Carboniferous	Member E	2976.37	2976.98	Sst	2.65	0			
Grant Range 1	Carboniferous	Member E	2977.90	2983.38	Sst & Sltst	2.63	6.5			
Grant Range 1	Carboniferous	Member E	2983.38	2989.48	Anhy, Sst, Ls		0			
Grant Range 1	Carboniferous	Member E	2989.48	2993.75	Sltst	2.62	0			
Grant Range 1	Carboniferous	Member E	3014.78	3017.52	Ls & Sst		0			
Grant Range 1	Carboniferous	Member E	3053.79	3055.01	Sh, Sst & Sltst	2.71	0			
Grant Range 1	Carboniferous	Member F	3109.26	3110.18	Sst	2.62	0			
Grant Range 1	Carboniferous	Member F	3165.65	3167.48	Sst	2.51	0			
Grant Range 1	Carboniferous	Member F	3233.32	3234.23	Sst	2.51	0			
Grant Range 1	Carboniferous	Member F	3379.93	3380.84	Sst	2.64	0			
Grant Range 1	Carboniferous	Member F	3403.09	3404.92	Sltst & Sst	2.68	0			
Grant Range 1	Carboniferous	Member F	3516.48	3517.09	Sst	2.61	0			
Grant Range 1	Carboniferous	Member F	3601.21	3602.13	Sst	2.55	0			
Grant Range 1	Carboniferous	Member G	3642.06	3643.27	Sst	2.53	0			
Grant Range 1	Carboniferous	Member G	3710.94	3713.68	Sltst	2.68	0			
Grant Range 1	Carboniferous	Member G	3713.68	3716.12	Sltst	2.65	0			
Grant Range 1	Carboniferous	Member G	3751.17	3752.39	Sst	2.61	0			
Grant Range 1	Carboniferous	Member G	3798.72	3801.16	Sltst	2.72	0			
Grant Range 1	Carboniferous	Member G	3827.07	3828.29	Sst	2.65	0			
Grant Range 1	Carboniferous	Member G	3828.29	3830.12	Sst	2.63	0			
Grant Range 1	Carboniferous	Member G	3830.12	3831.03	Sst	2.61	0			
Grant Range 1	Carboniferous	Member G	3895.34	3896.56	Sltst & Sh	2.67	0			
Grant Range 1	Carboniferous	Member G	3896.56	3898.39	Sltst	2.74	0			
Grant Range 1	Carboniferous	Member G	3936.19	3936.49	Sst	2.63	0			
Kemp Field 1	Noonkanbah Fm		137.40		Sltst		36			12
Kidson 1	Grant Gp	Braeside Tillite Mbr	1551.74	0.00	Crs Sst	2.06	31.3		187	
Kidson 1	Grant Gp	Braeside Tillite Mbr	1554.18	0.00	Med Sst	2.07	19.5		48	

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth (m)	Base depth (m)	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
Kidson 1	Grant Gp	Braeside Tillite Mbr	1554.78	0.00	F Sst	2.15	19.7		15	
Kidson 1	Grant Gp	Braeside Tillite Mbr	1555.39	0.00	F Sst	2.22	17.6		0	
Lake Betty 1	Laurel Fm		2471.93	0.00	Sst		9.9			
Lake Betty 1	Laurel Fm		2471.93		Sst	2.48	9.1			0
Lake Betty 1	Laurel Fm		2472.23		Sst		10			
Lake Betty 1	Laurel Fm		2472.54	0.00	Sst, med gr, well std	2.40	14.5			0
Lake Betty 1	Laurel Fm		2472.54		Sst, med gr, well std		11.1			0.2
Lake Betty 1	Laurel Fm		2472.84		Sst, med gr, well std		10.9			0.4
Lake Betty 1	Laurel Fm		2473.15	0.00	Sst, med gr, well std		10.3			
Lake Betty 1	Laurel Fm		2473.15		Sst, med gr, well std	2.41	10.7			0
Lake Betty 1	Laurel Fm		2473.45		Clst		7.6			
Lake Betty 1	Laurel Fm		2473.76	0.00	Clst	2.45	10.1			0
Lake Betty 1	Laurel Fm		2474.06	0.00	Clst		9.5			
Lake Betty 1	Laurel Fm		2474.37		Clst	2.53	6.6			0
Lake Betty 1	Laurel Fm		2474.37	0.00	Clst		5.1			
Lake Betty 1	Laurel Fm		2474.67		Sst		6.5			
Lake Betty 1	Laurel Fm		2474.98	0.00	Clst	2.50	7.8			0
Lake Betty 1	Laurel Fm		2475.28	0.00	Sst		9.4			
Lake Betty 1	Laurel Fm		2475.59		Clst	2.45	10.3			0
Lake Betty 1	Laurel Fm		2475.59	0.00	Sst		8.4			
Lake Betty 1	Laurel Fm		2475.89		Sst		8.4			
Lake Betty 1	Laurel Fm		2476.20	0.00	Clst	2.44	10.7			0
Lloyd 1	Anderson Fm		1512.30		Sst	2.65	12.9			11
Lloyd 1	Anderson Fm		1512.70	0.00	Sst	2.64	16.3			85
Lloyd 1	Anderson Fm		1513.10	0.00	Sst	2.64	19			162
Lloyd 1	Anderson Fm		1513.50		Sst	2.64	18.6			246
Lloyd 1	Anderson Fm		1516.20	0.00	Sst	2.63	18.4			133
Lloyd 1	Anderson Fm		1516.50	0.00	Sst	2.64	19			132
Lloyd 1	Anderson Fm		1517.00		Sst	2.64	20.5			124
Lloyd 1	Anderson Fm		1517.50	0.00	Sst	2.63	18.9			187
Lloyd 1	Anderson Fm		1518.00		Sst	2.63	19.5			148
Lloyd 1	Anderson Fm		1518.50		Sst	2.63	21.6			429
Lloyd 1	Anderson Fm		1519.00	0.00	Sst	2.63	19.5			340
Lloyd 1	Anderson Fm		1519.50	0.00	Sst	2.63	20.7			549
Lloyd 1	Anderson Fm		1520.00		Sst	2.63	20.3			418
Lloyd 1	Anderson Fm		1520.50	0.00	Sst	2.63	18.7			246
Lloyd 1	Anderson Fm		1521.00		Sst	2.64	18.9			252
Lloyd 1	Anderson Fm		1521.50	0.00	Sst	2.63	18			266
Lloyd 1	Anderson Fm		1522.00	0.00	Sst	2.63	19.3			772
Lloyd 1	Anderson Fm		1522.50	0.00	Sst	2.64	16			105

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth (m)	Base depth (m)	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
Lloyd 1	Anderson Fm		1523.00		Sst	2.64	19			302
Lloyd 1	Anderson Fm		1523.50		Sst	2.64	16.4			126
Lloyd 1	Anderson Fm		1524.00	0.00	Sst	2.64	19.7			182
Lloyd 1	Anderson Fm		1524.50	0.00	Sst	2.63	19.1			128
Lloyd 1	Anderson Fm		1525.00		Sst	2.63	19.3			457
Lloyd 1	Anderson Fm		1525.50	0.00	Sst	2.64	16.3			33
Lloyd 1	Anderson Fm		1526.00		Sst	2.63	19.7			302
Lloyd 1	Anderson Fm		1526.50	0.00	Sst	2.64	19.2			147
Lloyd 1	Anderson Fm		1527.00	0.00	Sst	2.63	18.7			138
Lloyd 1	Anderson Fm		1527.50	0.00	Sst	2.64	18.1			51
Lloyd 1	Anderson Fm		1528.50	0.00	Sst	2.63	19.8			138
Lloyd 1	Anderson Fm		1529.00		Sst	2.65	19.8			286
Lloyd 1	Anderson Fm		1529.50	0.00	Sst	2.66	15.5			2.2
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite	236.50		Sltst		24			
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite	293.60		Sst		24			
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite	424.60		Sst		14			
Meda 1	Noonkanbah Fm		429.77	435.86	Sltst, Sh & Sst	2.25	0			0
Meda 1	Noonkanbah Fm		592.23	592.84	Sh	2.27	0			0
Meda 1	Noonkanbah Fm		592.84	593.75	Sltst	2.34	0			37
Meda 1	Poole Sandstone	Nura Nura Mbr	719.63	723.90	Sltst	2.31	0			
Meda 1	Grant Gp	Binda Mbr	900.68	901.29	Sltst	2.45				
Meda 1	Grant Gp	Binda Mbr	901.29	906.78	Sst	2.30				
Meda 1	Grant Gp	Dora Mbr	1050.65	1051.56	Clst	2.53	0			
Meda 1	Anderson Fm	Lower	1232.92	1237.49	Sst	0	0			
Meda 1	Anderson Fm	Lower	1415.49	1420.37	Sst	2.47	0			
Meda 1	Laurel Fm		1540.76	1541.68	Sltst	2.57	0			
Meda 1	Laurel Fm		1541.68	1543.20	Sst	2.61				
Meda 1	Laurel Fm		1596.85	1598.68	Clcar & Sltst	2.70	0			
Olios 1	Laurel Fm	Limestone	1325.30		Sst			4.6		
Olios 1	Laurel Fm	Limestone	1328.40		Ls			0.5		
Olios 1	Laurel Fm	Limestone	1330.20	1330.34	Ls			0		0.3
Olios 1	Laurel Fm	Limestone	1330.34	1330.48	Ls					0.01
Olios 1	Laurel Fm	Limestone	1330.48	1330.58	Sst			0		
Olios 1	Laurel Fm	Limestone	1330.58	1330.69	Sst			0		0.7
Olios 1	Laurel Fm	Limestone	1330.71	1330.85	Sst			0		1.1
Olios 1	Laurel Fm	Limestone	1330.85	1330.96	Sst					0.2
Olios 1	Laurel Fm	Limestone	1333.00	0.00	Ls			1.3		
Olios 1	Laurel Fm	Limestone	1340.60	0.00	Sltst			4.6		
Point Moody 1	Noonkanbah Fm		141.76			2.33	18.3		0.1	
Point Moody 1	Noonkanbah Fm		142.28	0.00		2.34	17.4		0.1	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			(m)	(m)						
Point Moody 1	Noonkanbah Fm		142.52			2.35	18.5		0.1	
Point Moody 1	Noonkanbah Fm		278.43	0.00		2.39	9.2		0.4	
Point Moody 1	Noonkanbah Fm		278.80	0.00		2.17	20.6		0.1	
Point Moody 1	Noonkanbah Fm		278.98	0.00		2.20	19.7		0.1	
Point Moody 1	Noonkanbah Fm		279.38			2.35	13.4		0.1	
Point Moody 1	Noonkanbah Fm		279.68			2.22	18.9		0.1	
Point Moody 1	Poole Sandstone		370.91	0.00		2.42	7.6		0.1	
Point Moody 1	Poole Sandstone		371.19	0.00		2.25	16.5		7.1	
Point Moody 1	Poole Sandstone		371.46			2.24	15.8		1.7	
Point Moody 1	Poole Sandstone		371.76	0.00		2.21	16.7		1.7	
Point Moody 1	Poole Sandstone		372.07	0.00		2.14	19.5		27.9	
Point Moody 1	Poole Sandstone		372.31	0.00		2.27	15.1		0.6	
Point Moody 1	Poole Sandstone		372.53	0.00		2.27	14.9		0.5	
Point Moody 1	Poole Sandstone		372.83	0.00		2.39	11.5		0.2	
Point Moody 1	Poole Sandstone		373.26	0.00		2.17	18.3		301	
Point Moody 1	Poole Sandstone		373.50	0.00		2.17	19.4		0.8	
Point Moody 1	Poole Sandstone		373.68	0.00		2.45	7.9		0.1	
Point Moody 1	Poole Sandstone		374.29	0.00		2.54	5.6		0.1	
Point Moody 1	Poole Sandstone		462.87	0.00		2.25	14.5		4.4	
Point Moody 1	Poole Sandstone		463.11	0.00		2.24	15		100	
Point Moody 1	Poole Sandstone		463.57	0.00		2.21	16		114	
Point Moody 1	Poole Sandstone		463.88	0.00		2.24	15.1		47	
Point Moody 1	Poole Sandstone		464.09	0.00		2.23	15.5		245	
Point Moody 1	Poole Sandstone		464.39	0.00		2.26	14.4		13.2	
Point Moody 1	Poole Sandstone		464.67	0.00		2.32	12		0.7	
Point Moody 1	Poole Sandstone		464.97			2.27	14.1		1.2	
Point Moody 1	Poole Sandstone		465.28	0.00		2.18	17.3		16.8	
Point Moody 1	Poole Sandstone		465.43			2.23	15.4		22	
Point Moody 1	Poole Sandstone		503.83			2.50	5.4		0.1	
Point Moody 1	Poole Sandstone		514.20	0.00		2.32	12.2		0.1	
Point Moody 1	Poole Sandstone		514.50			2.29	13.5		0.2	
Point Moody 1	Poole Sandstone		514.81	0.00		2.31	12.6		0.1	
Point Moody 1	Poole Sandstone		515.11			2.34	11.3		0.1	
Point Moody 1	Poole Sandstone		515.42	0.00		2.27	14.1		0.2	
Point Moody 1	Poole Sandstone		515.72			2.32	12.3		0.1	
Point Moody 1	Poole Sandstone		516.03	0.00		2.31	12.8		0.1	
Point Moody 1	Poole Sandstone		516.33			2.19	17		1.9	
Point Moody 1	Poole Sandstone		516.64	0.00		2.22	16.1		1.1	
Point Moody 1	Poole Sandstone		516.94			2.48	6.5		0.1	
Point Moody 1	Poole Sandstone		517.25	0.00		2.28	13.8		0.7	

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth	Base depth	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
			(m)	(m)						
Point Moody 1	Poole Sandstone		517.55			2.28	14.1		3	
Point Moody 1	Poole Sandstone		517.86			2.29	13.7		0.1	
Point Moody 1	Poole Sandstone		518.16			2.58	2.5		0.1	
Point Moody 1	Poole Sandstone		518.37	0.00		2.51	6.2		3.1	
Point Moody 1	Poole Sandstone		518.65			2.50	4.6		14.2	
Point Moody 1	Poole Sandstone		518.95	0.00		2.49	5.6		26	
Point Moody 1	Poole Sandstone		519.20	0.00		2.60	2		0.1	
Point Moody 1	Poole Sandstone		519.53	0.00		2.40	8.7			
Point Moody 1	Poole Sandstone		519.74			2.55	4.1		0.1	
Point Moody 1	Poole Sandstone		520.05	0.00		2.53	3.7			
Point Moody 1	Poole Sandstone		520.29	0.00		2.59	1.8		0.1	
Point Moody 1	Poole Sandstone		643.13	0.00		2.50	5.6		3	
Point Moody 1	Poole Sandstone		643.43			2.53	3.3		1	
Point Moody 1	Poole Sandstone		643.74			2.26	14.7		15.2	
Point Moody 1	Poole Sandstone		644.04	0.00		2.29	13.6		7.9	
Point Moody 1	Poole Sandstone		644.35			2.26	14.7		61	
Point Moody 1	Poole Sandstone		644.65			2.30	13.3		15	
Point Moody 1	Poole Sandstone		644.96	0.00		2.32	12.5		18	
Point Moody 1	Poole Sandstone		645.26	0.00		2.30	13		28	
Point Moody 1	Poole Sandstone		645.57	0.00		2.31	13		22.5	
Point Moody 1	Poole Sandstone		645.87			2.32	12.6		14.8	
Point Moody 1	Poole Sandstone		646.18			2.29	13.6		15	
Point Moody 1	Poole Sandstone		646.48	0.00		2.26	14.5		40	
Point Moody 1	Poole Sandstone		646.76	0.00		2.31	12.8		11.2	
Point Moody 1	Grant Gp		751.03	0.00		2.54	4		0.1	
Point Moody 1	Grant Gp		751.48			2.55	2.8		0.1	
Point Moody 1	Grant Gp		751.64			2.55	3.5		0.1	
Point Moody 1	Grant Gp		751.94			2.54	4		0.1	
Point Moody 1	Grant Gp		752.25			2.57	2.1		0.1	
Point Moody 1	Grant Gp		752.76	0.00		2.55	2.8		0.1	
Point Moody 1	Grant Gp		753.01	0.00		2.57	2.5		0.1	
Point Moody 1	Grant Gp		753.28	0.00		2.81	3.6		0.1	
Point Moody 1	Grant Gp		753.47			2.52	4		0.1	
Point Moody 1	Grant Gp		753.77			2.47	6.7		0.1	
Point Moody 1	Grant Gp		754.08	0.00		2.56	2.2		0.1	
Point Moody 1	Grant Gp		808.33	0.00		2.46	7.4		0.1	
Point Moody 1	Grant Gp		837.59			2.64	0.6		0.1	
Point Moody 1	Grant Gp		837.90			2.62	1.6		0.1	
Point Moody 1	Grant Gp		838.20	0.00		2.28	13.8		33	
Point Moody 1	Grant Gp		838.50	0.00		2.31	12.6		13.8	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			<i>(m)</i>	<i>(m)</i>						
Point Moody 1	Grant Gp		838.81	0.00		2.32	12.3		8.9	
Point Moody 1	Grant Gp		839.11			2.37	10.1		1	
Point Moody 1	Grant Gp		839.42	0.00		2.34	11.3		1.6	
Point Moody 1	Grant Gp		839.72			2.33	11.9		12.6	
Point Moody 1	Grant Gp		840.03			2.26	14.2		27	
Point Moody 1	Grant Gp		840.33			2.25	14.9		58	
Point Moody 1	Grant Gp		840.64	0.00		2.28	13.8		6.1	
Point Moody 1	Grant Gp		840.94			2.27	14		5.4	
Point Moody 1	Grant Gp		841.25	0.00		2.28	13.8		15	
Point Moody 1	Grant Gp		929.34	0.00		2.57	3		0.1	
Point Moody 1	Grant Gp		929.64	0.00		2.57	2.6		0.1	
Point Moody 1	Grant Gp		929.94	0.00		2.56	3		0.1	
Point Moody 1	Grant Gp		930.25	0.00		2.56	3		0.1	
Point Moody 1	Grant Gp		930.55	0.00		2.56	2.8		0.1	
Point Moody 1	Grant Gp		930.86	0.00		2.56	2.8		0.1	
Point Moody 1	Grant Gp		931.16	0.00		2.56	3		0.1	
Point Moody 1	Grant Gp		931.47	0.00		2.56	2.7		0.1	
Point Moody 1	Grant Gp		931.77	0.00		2.57	2.5		0.1	
Point Moody 1	Grant Gp		932.08			2.59	2.1		0.1	
Point Moody 1	Grant Gp		932.38			2.57	3.2		2.2	
Point Moody 1	Grant Gp		1064.97	0.00		2.59	1.5		0.1	
Point Moody 1	Grant Gp		1065.28	0.00		2.59	1.5		0.1	
Point Moody 1	Grant Gp		1065.58	0.00		2.59	1.5		0.1	
Point Moody 1	Grant Gp		1065.89			2.59	1.5		0.1	
Point Moody 1	Grant Gp		1066.19			2.59	1.4		0.1	
Point Moody 1	Grant Gp		1066.50	0.00		2.59	1.5		0.1	
Point Moody 1	Grant Gp		1066.80			2.59	1.5		0.1	
Point Moody 1	Grant Gp		1067.10			2.58	1.6		0.1	
Point Moody 1	Grant Gp		1067.41	0.00		2.72	0.2		0.1	
Point Moody 1	Grant Gp		1067.71	0.00		2.52	5.5		0.1	
Point Moody 1	Grant Gp		1068.02	0.00		2.56	3.4		0.1	
Point Moody 1	Grant Gp		1068.32			2.60	1.8			
Point Moody 1	Grant Gp		1068.60	0.00		2.54	3.1		0.1	
Point Moody 1	Grant Gp		1112.82	0.00		2.46	7.2		0.1	
Point Moody 1	Grant Gp		1212.49			2.58	2.6			
Point Moody 1	Grant Gp		1212.80			2.55	3.5		1.7	
Point Moody 1	Grant Gp		1213.10			2.57	2.2		0.1	
Point Moody 1	Grant Gp		1213.56	0.00		2.56	2.4		0.1	
Point Moody 1	Grant Gp		1213.99			2.58	1.6		0.1	
Point Moody 1	Grant Gp		1214.41			2.59	2.3		0.1	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			(m)	(m)						
Point Moody 1	Grant Gp		1214.66			2.61	1.5		0.1	
Point Moody 1	Grant Gp		1326.03			2.63	1.3		0.1	
Point Moody 1	Grant Gp		1326.37	0.00		2.65	1.1		0.1	
Point Moody 1	Grant Gp		1326.52			2.59	1.2		0.1	
Point Moody 1	Grant Gp		1327.10	0.00		2.59	1.4		0.1	
Point Moody 1	Grant Gp		1327.71			2.58	2.5		0.1	
Point Moody 1	Grant Gp		1328.01	0.00		2.59	2.6		0.2	
Point Moody 1	Grant Gp		1328.47	0.00		2.57	2.1		0.1	
Point Moody 1	Grant Gp		1328.81			2.64	1.2		0.1	
Point Moody 1	Grant Gp		1417.32						0.1	
Point Moody 1	Grant Gp		1417.62	0.00		2.28	13.8		10.2	
Point Moody 1	Grant Gp		1417.93	0.00		2.28	13.6		11	
Point Moody 1	Grant Gp		1418.23	0.00		2.30	13		8.6	
Point Moody 1	Grant Gp		1418.54	0.00		2.30	12.7		7.2	
Point Moody 1	Grant Gp		1418.84	0.00		2.31	12.5		5.4	
Point Moody 1	Grant Gp		1419.15	0.00		2.33	11.9		4.4	
Point Moody 1	Grant Gp		1419.18	0.00		2.34	11.5		4	
Point Moody 1	Grant Gp		1419.70	0.00		2.36	10.2		2.7	
Point Moody 1	Grant Gp		1425.85	0.00		2.26	14.6		13.6	
Point Moody 1	Grant Gp		1426.16	0.00		2.28	13.8		11.7	
Point Moody 1	Grant Gp		1426.46	0.00		2.48	6.1		0.2	
Point Moody 1	Grant Gp		1426.77	0.00		2.26	14.6		13.6	
Point Moody 1	Grant Gp		1427.07	0.00		2.27	14.2		11.1	
Point Moody 1	Grant Gp		1427.38	0.00		2.26	14.4		14.3	
Point Moody 1	Grant Gp		1427.68	0.00		2.27	13.9		9.6	
Point Moody 1	Grant Gp		1427.99	0.00		2.27	14.1		10.5	
Point Moody 1	Grant Gp		1428.29			2.27	14.2		10.5	
Point Moody 1	Grant Gp		1428.60	0.00		2.27	14.2		10.5	
Point Moody 1	Grant Gp		1428.90			2.27	14.3		11	
Point Moody 1	Grant Gp		1429.21			2.27	14.2		10.6	
Point Moody 1	Grant Gp		1429.51	0.00		2.27	14.2		13.2	
Point Moody 1	Grant Gp		1429.82	0.00		2.27	14		9.8	
Point Moody 1	Grant Gp		1430.12			2.28	13.9		9.6	
Point Moody 1	Grant Gp		1430.43	0.00		2.28	13.7		10.4	
Point Moody 1	Grant Gp		1518.82			2.58	1.5		0.1	
Point Moody 1	Grant Gp		1519.12	0.00		2.61	1.1		0.1	
Point Moody 1	Grant Gp		1519.43	0.00		2.61	0.9		0.1	
Point Moody 1	Grant Gp		1519.73	0.00		2.61	1		0.1	
Point Moody 1	Grant Gp		1520.04			2.61	1.3		0.2	
Point Moody 1	Grant Gp		1520.34			2.59	1.3		0.1	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			(m)	(m)						
Point Moody 1	Grant Gp		1520.65	0.00		2.58	1.7		0.1	
Point Moody 1	Grant Gp		1520.95	0.00		2.57	2.1		0.1	
Point Moody 1	Grant Gp		1521.26			2.54	4.3		0.1	
Point Moody 1	Grant Gp		1521.56	0.00		2.59	2.4		0.1	
Point Moody 1	Grant Gp		1521.87			2.43	7.8		0.3	
Point Moody 1	Grant Gp		1521.96	0.00		2.41	9		0.3	
Point Moody 1	Grant Gp		1597.58	0.00		2.33	12.2		0.2	
Point Moody 1	Grant Gp		1597.76	0.00		2.30	13.1		0.2	
Point Moody 1	Grant Gp		1598.07			2.30	13.2		0.6	
Point Moody 1	Grant Gp		1598.37	0.00		2.27	14.3		0.3	
Point Moody 1	Grant Gp		1598.68			2.27	14.4		0.3	
Point Moody 1	Grant Gp		1598.98	0.00		2.27	14.6		0.3	
Point Moody 1	Grant Gp		1599.29	0.00		2.37	10.7		0.1	
Point Moody 1	Grant Gp		1599.59	0.00		2.27	14.3		0.3	
Point Moody 1	Grant Gp		1599.90	0.00		2.39	10.1		0.1	
Point Moody 1	Grant Gp		1600.20	0.00		2.57	3.4		0.3	
Point Moody 1	Grant Gp		1600.50	0.00		2.37	10.7		0.1	
Point Moody 1	Grant Gp		1600.81	0.00		2.35	11.6		0.1	
Point Moody 1	Grant Gp		1646.71	0.00		2.66	1.4			
Point Moody 1	Grant Gp		1646.83	0.00		2.66	1.2			
Point Moody 1	Grant Gp		1647.54			2.66	1.2			
Point Moody 1	Grant Gp		1647.93			2.65	1.3			
Point Moody 1	Grant Gp		1648.24	0.00		2.65	1.6			
Point Moody 1	Grant Gp		1721.82	0.00		2.57	2.8		0.1	
Point Moody 1	Grant Gp		1723.06	0.00		2.52	4.8		0.1	
Point Moody 1	Grant Gp		1911.22	0.00		2.60	2.8		1.1	
Point Moody 1	Grant Gp		1911.55	0.00		2.61	1		0.1	
Point Moody 1	Grant Gp		1911.77			2.60	1.2		0.1	
Point Moody 1	Grant Gp		1912.01			2.61	1		0.1	
Point Moody 1	Grant Gp		1912.32	0.00		2.60	1.9		0.1	
Point Moody 1	Grant Gp		1912.62			2.60	1.7		0.2	
Point Moody 1	Anderson Fm		2069.38	0.00		2.51	4.9		0.1	
Point Moody 1	Anderson Fm		2069.59	0.00		2.49	6		0.1	
Point Moody 1	Anderson Fm		2069.90	0.00		2.50	5.2		0.1	
Point Moody 1	Anderson Fm		2070.20			2.50	5.6		0.1	
Point Moody 1	Anderson Fm		2340.86	0.00		2.49	6.2		0.1	
Point Moody 1	Anderson Fm		2341.17	0.00		2.55	3.8		0.1	
Point Moody 1	Anderson Fm		2341.44	0.00		2.63	2.2		0.1	
Point Moody 1	Anderson Fm		2437.49			2.63	2.5		0.1	
Point Moody 1	Anderson Fm		2437.79			2.65	2.3		0.1	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density</i>	<i>Unspecified porosity</i>	<i>Horizontal porosity</i>	<i>Unspecified permeability</i>	<i>Horizontal permeability</i>
			(m)	(m)		(g/cc)	(%)	(%)	(md)	(md)
St George Range 1	Grant Gp		262.13	0.00	Sst	2.08	19		17.7	
St George Range 1	Grant Gp		545.90	0.00	Sst	2.06	14.3		4.3	
St George Range 1	Grant Gp		546.51	0.00	Sst	2.24	11.6		8.4	
St George Range 1	Grant Gp		547.12	0.00	Sst	2.16	14.1		4.3	
St George Range 1	Grant Gp		547.73	0.00	Sst	2.20	12.4		28	
St George Range 1	Grant Gp		548.34	0.00	Sst	2.18	12.1		1.8	
St George Range 1	Grant Gp		548.94	0.00	Sst	2.16	14.4		4.2	
St George Range 1	Grant Gp		740.05	0.00	Sst	2.46	6.4		24.9	
St George Range 1	Grant Gp		740.66	0.00	Sst	2.46	5		3.9	
St George Range 1	Grant Gp		742.19	0.00	Sst	2.37	8.1		22.1	
St George Range 1	Grant Gp		742.80		Sst	2.48	6.5		5.3	
St George Range 1	Grant Gp		1099.72	0.00	Sst	2.05	26.6		11100	
St George Range 1	Grant Gp		1360.93	0.00	Sst	2.41	13.2		23.9	
St George Range 1	Grant Gp		1361.85		Sst	2.38	11.2		9.9	
St George Range 1	Grant Gp		1362.76	0.00	Sst	2.40	12.8		36.1	
St George Range 1	Grant Gp		1363.68		Sst	2.33	14.7		22.2	
St George Range 1	Grant Gp		1364.28	0.00	Sst	2.44	9.7		40.6	
St George Range 1	Carboniferous	St George Fm (WAPET)	1570.63		Mdst	2.62	1.1		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	1571.55	0.00	Mdst	2.60	1		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	1572.46	0.00	Mdst	2.57	1.2		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	1573.38	0.00	Mdst	2.59	1.4		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	1574.90		Mdst	2.53	1.4		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	1669.69		Mdst	2.36	9.1		58	
St George Range 1	Carboniferous	St George Fm (WAPET)	1670.30	0.00	Mdst	2.42	10.5		120	
St George Range 1	Carboniferous	St George Fm (WAPET)	1671.52	0.00	Mdst	2.43	8.2		22.6	
St George Range 1	Carboniferous	St George Fm (WAPET)	1927.25		Mdst-Sst	2.60	0.5		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	1927.86	0.00	Mdst-Sst	2.57	1		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	2178.71		Mdst	2.64	0		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	2179.93	0.00	Sst	2.64	0		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	2180.84	0.00	Mdst	2.61	0.1		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	2181.76		Mdst-Sst	2.63	0.5		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	2182.67	0.00	Sst	2.65	0.7		0	
St George Range 1	Carboniferous	St George Fm (WAPET)	2446.63		Sst	2.50	0.1		0	
St George Range 1	Anderson Fm		2502.10	0.00	Mdst	2.61	0.12		0	
St George Range 1	Anderson Fm		2503.02		Mdst	2.66	0.1		0	
St George Range 1	Anderson Fm		2594.46	0.00	Mdst	2.63	0.1		0	
St George Range 1	Anderson Fm		2595.98		Mdst	2.62	0.1		0	
St George Range 1	Anderson Fm		2692.30	0.00	Sst	2.59	0.1		0	
St George Range 1	Anderson Fm		2693.21		Intlam Sst-Mdst	2.54	1.6		0	
St George Range 1	Laurel Fm	?Laurel Fm	2899.87	0.00	Intlam Sh-Sltst	2.60	3.2		0	

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth	Base depth	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
			(m)	(m)						
Point Moody 1	Anderson Fm		2438.10	0.00		2.66	1.6		0.1	
Point Moody 1	Anderson Fm		2438.40	0.00		2.67	1.2		0.1	
Point Moody 1	Anderson Fm		2438.70			2.68	1.2		0.1	
Point Moody 1	Anderson Fm		2439.01	0.00		2.64	2			
Point Moody 1	Anderson Fm		2439.62			2.67	1.7		1.1	
Point Moody 1	Anderson Fm		2439.92	0.00		2.66	1.4		0.1	
Point Moody 1	Anderson Fm		2440.23	0.00		2.66	1.4		0.1	
Point Moody 1	Anderson Fm		2440.50	0.00		2.64	1.6		0.1	
Point Moody 1	Anderson Fm		2440.56	0.00		2.63	2.2		0.1	
Sahara 1	Poole Sandstone		307.85	0.00	Sst	1.75	30		1700	
Sahara 1	Poole Sandstone		308.15		Sst	1.60	35		1090	
Sahara 1	Poole Sandstone		308.46	0.00	Sst	1.74	31.5		1238	
Sahara 1	Poole Sandstone		308.76	0.00	Sh	2.15	3.8		0	
Sahara 1	Poole Sandstone		309.07	0.00	Sst	1.53	39.4			
Sahara 1	Poole Sandstone		309.37	0.00	Sst	1.63	33.8			
Sahara 1	Poole Sandstone		309.68	0.00	Sltst	2.07	5.6		0	
Sahara 1	Grant Gp	Dora Shale Mbr	652.27	0.00	Sst	1.85	28.8		1888	
Sahara 1	Grant Gp	Dora Shale Mbr	652.58	0.00	Sltty Sst	2.07	14		49	
Sahara 1	Grant Gp	Dora Shale Mbr	652.88	0.00	Sh	2.23	2.4		0	
Sahara 1	Grant Gp	Dora Shale Mbr	653.19		Sltty Sst	2.00	23.4		376	
Sahara 1	Grant Gp	Dora Shale Mbr	653.49		Sltst	2.00	23.2		37	
Sahara 1	Grant Gp	Dora Shale Mbr	653.80	0.00	Sltst	1.96	20		74	
Sahara 1	Grant Gp	Dora Shale Mbr	654.10	0.00	Sh	2.15	4.8		0	
Sahara 1	Grant Gp	Dora Shale Mbr	654.41	0.00	Sltst	2.12	9.8		75	
Sahara 1	Grant Gp	Dora Shale Mbr	654.71	0.00	Sltty Sst	2.04	17.5		30	
Sahara 1	Grant Gp	Dora Shale Mbr	655.02		Sltty Sst	2.00	20		226	
Sahara 1	Grant Gp	Cuncudgerie Sandstone Mbr	869.90	0.00	Cgl	2.58	2.2		0	
St George Range 1	Grant Gp		92.05		Sst	2.38	4.9		7.6	
St George Range 1	Grant Gp		92.66		Sst	2.32	5.1		5.7	
St George Range 1	Grant Gp		93.27		Sst	2.33	6		17.1	
St George Range 1	Grant Gp		93.88	0.00	Sst	2.57	6.5		14.5	
St George Range 1	Grant Gp		94.49	0.00	Sst	2.29	4.5		4.5	
St George Range 1	Grant Gp		167.64		Sst	2.36	7.7		18.1	
St George Range 1	Grant Gp		168.25	0.00	Sst	2.31	9.8		23.2	
St George Range 1	Grant Gp		168.86		Sst	2.32	12		16.1	
St George Range 1	Grant Gp		169.47	0.00	Sst	2.35	9.9		14.3	
St George Range 1	Grant Gp		259.69	0.00	Sst	2.13	14.5		21.6	
St George Range 1	Grant Gp		260.30	0.00	Sst	2.07	19.8		22.1	
St George Range 1	Grant Gp		260.91		Sst	2.05	20		24.8	
St George Range 1	Grant Gp		261.52		Sst	2.26	6.1		19.6	

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth	Base depth	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
			(m)	(m)						
St George Range 1	Laurel Fm	?Laurel Fm	2901.39		Intlam Sh-Sltst	2.62	1.7		0	
St George Range 1	Laurel Fm	?Laurel Fm	2902.61	0.00	Intlam Sh-Sltst	2.58	2.2		0	
St George Range 1	Laurel Fm	?Laurel Fm	3002.58		Sltst	2.50	4.3		0	
St George Range 1	Laurel Fm	?Laurel Fm	3005.33	0.00	Sst	2.53	5.2		0	
St George Range 1	Laurel Fm	?Laurel Fm	3124.81		Dol	2.68	1.3		0	
St George Range 1	Laurel Fm	?Laurel Fm	3126.33	0.00	Mdst	2.69	1.9		0	
St George Range 1	Laurel Fm	?Laurel Fm	3127.25		Sltst	2.61	0.7		0	
St George Range 1	Laurel Fm	?Laurel Fm	3181.20	0.00	Mdst	2.61	1.3		0	
St George Range 1	Laurel Fm	?Laurel Fm	3181.50		Mdst	2.62	1.9		0	
St George Range 1	Laurel Fm	?Laurel Fm	3182.42		Intlam Sst-Mdst	2.53	2.9		0	
St George Range 1	Laurel Fm	?Laurel Fm	3184.25		Mdst	2.56	2.1		0	
St George Range 1	Laurel Fm	?Laurel Fm	3275.08	0.00	Intlam Sst-Sltst-Mdst	2.58	1.8		0	
St George Range 1	Laurel Fm	?Laurel Fm	3276.30		Dol	2.65	0.5		0	
St George Range 1	Laurel Fm	?Laurel Fm	3441.50	0.00	Mdst	2.63	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	3734.71	0.00	Mdst-Sh	2.60	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	3736.85	0.00	Mdst-Sh	2.58	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	3738.37		Mdst-Sh	2.59	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	3740.81	0.00	Mdst-Sh	2.60	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	3996.23	0.00	Mdst	2.68	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	3997.45	0.00	Mdst	2.65	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	3998.37		Sltst	2.65	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	4285.79		Mdst	2.69	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	4287.93	0.00	Mdst	2.68	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	4436.97		Sst	2.58	0		0	
St George Range 1	Laurel Fm	?Laurel Fm	4437.28	0.00	Sst	2.62	0		0	
Terrace 1	Grant Gp		934.20	0.00			22.1			288
Terrace 1	Grant Gp		934.50				21.8			197
Terrace 1	Grant Gp		934.80				21.2			116
Terrace 1	Grant Gp		935.10	0.00			21.5			194
Terrace 1	Grant Gp		935.40				19.7			34
Terrace 1	Grant Gp		935.70				22			274
Terrace 1	Grant Gp		936.00	0.00			15.6			1.6
Terrace 1	Grant Gp		936.30				23			298
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	1854.40				5.2			0.02
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	1855.30	0.00			7.8			0.2
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	1855.40	0.00			10.1			0.6
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	1857.20	0.00			8.4			0.4
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	1858.20				4.9			0.02
Terrace 1	Laurel Fm	Upp Sh, Upp Carb, Lwr Sh, Lwr Carb	1859.00				2.1			0.01
West Terrace 1	Grant Gp	Base Channel	1055.10		Mass Sst		21.5			890

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density</i>	<i>Unspecified porosity</i>	<i>Horizontal porosity</i>	<i>Unspecified permeability</i>	<i>Horizontal permeability</i>
			(m)	(m)		(g/cc)	(%)	(%)	(md)	(md)
West Terrace 1	Grant Gp	Base Channel	1056.10		Mass Sst		21.4			266
West Terrace 1	Grant Gp	Base Channel	1057.10	0.00	Mass Sst		21.3			378
West Terrace 1	Grant Gp	Base Channel	1058.10	0.00	Mass Sst		19.3			371
West Terrace 1	Grant Gp	Base Channel	1059.10	0.00	Mass Sst		21.4			1260
West Terrace 1	Grant Gp	Base Channel	1060.10		Mass Sst		22.3			1440
West Terrace 1	Grant Gp	Base Channel	1061.10		Mass Sst		22.5			1470
West Terrace 1	Grant Gp	Base Channel	1062.10	0.00	Intbd Sltst & Sst		16.3			75
West Terrace 1	Grant Gp	Base Channel	1063.10		Intbd Sltst & Sst		15.7			1.1
West Terrace 1	Grant Gp	Base Channel	1064.10		Intbd Sltst & Sst		20.3			140
West Terrace 1	Grant Gp	Base Channel	1065.10	0.00	Intbd Sltst & Sst		20.8			297
West Terrace 1	Grant Gp	Base Channel	1066.10	0.00	Intbd Sltst & Sst		17.2			227
West Terrace 1	Grant Gp	Base Channel	1067.10	0.00	Intbd Sltst & Sst		21.8			422
West Terrace 1	Grant Gp	Base Channel	1068.10		Sst w/ arg lams		24			870
West Terrace 1	Grant Gp	Base Channel	1069.10	0.00	Sst w/ arg lams		14.6			1.3
West Terrace 1	Grant Gp	Base Channel	1070.10		Sst w/ arg lams		7.5			0.06
West Terrace 1	Grant Gp	Base Channel	1071.10		Sst w/ arg lams		15.6			286
West Terrace 1	Grant Gp	Base Channel	1073.10		Sst		18.6			350
West Terrace 1	Grant Gp	Base Channel	1073.60	0.00	Sst		21.1			560
West Terrace 1	Grant Gp	Base Channel	1074.10		Sst		20.2			254
West Terrace 1	Grant Gp	Base Channel	1077.40	0.00	Sst		9.2			0.06
West Terrace 1	Grant Gp	Base Channel	1078.40	0.00	Sst		14.9			1.7
West Terrace 1	Grant Gp	Base Channel	1079.90	0.00	Sh/Sltst		12.2			0.05
West Terrace 1	Grant Gp	Base Channel	1080.40	0.00	Sh/Sltst		10.4			0.3
West Terrace 1	Grant Gp	Base Channel	1080.90	0.00	Sh/Sltst		10.9			
West Terrace 1	Grant Gp	Base Channel	1081.40	0.00	Sh/Sltst		9.6			
West Terrace 1	Grant Gp	Base Channel	1156.10	0.00	Massive Sst	2.64	24.5			1410
West Terrace 1	Grant Gp	Base Channel	1156.40	0.00	Sst	2.64	23.3			1510
West Terrace 1	Grant Gp	Base Channel	1156.70	0.00	Sst	2.63	24.1			2710
West Terrace 1	Grant Gp	Base Channel	1157.00	0.00	Sst	2.62	24.2			1360
West Terrace 1	Grant Gp	Base Channel	1157.30		Sst	2.64	18.1			222
West Terrace 1	Grant Gp	Base Channel	1157.60		Sst	2.61	25.7			1750
West Terrace 1	Grant Gp	Base Channel	1157.90	0.00	Sst	2.64	26.5			2000
West Terrace 1	Grant Gp	Base Channel	1158.20	0.00	Sst	2.63	24.5			1790
West Terrace 1	Grant Gp	Base Channel	1158.50	0.00	Sst	2.62	24.5			1780
West Terrace 1	Grant Gp	Base Channel	1158.80		Sst	2.64	24.7			1740
West Terrace 1	Grant Gp	Base Channel	1159.10		Sst	2.64	20.2			815
West Terrace 1	Grant Gp	Base Channel	1159.40	0.00	Sst	2.64	13.6			41
West Terrace 1	Grant Gp	Base Channel	1159.70		Sst	2.64	22.1			41
West Terrace 1	Grant Gp	Base Channel	1160.00		Sst		22.5			42
West Terrace 1	Grant Gp	Base Channel	1160.30	0.00	Sst		23.8			170

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			<i>(m)</i>	<i>(m)</i>						
West Terrace 1	Grant Gp	Base Channel	1160.60	0.00	Sst		18.2			33
West Terrace 1	Grant Gp	Base Channel	1160.90	0.00	Sst		17.9			890
West Terrace 1	Grant Gp	Base Channel	1161.20		Sst		24.3			700
West Terrace 1	Grant Gp	Base Channel	1161.50	0.00	Sst		24.5			520
West Terrace 1	Grant Gp	Base Channel	1161.80		Sst		21.5			80
West Terrace 1	Grant Gp	Base Channel	1162.10		Sst		24.5			980
West Terrace 1	Grant Gp	Base Channel	1162.40		Sst		24			1090
West Terrace 1	Grant Gp	Base Channel	1162.70	0.00	Sst		24.5			1060
West Terrace 1	Grant Gp	Base Channel	1163.00		Sst		24.3			720
West Terrace 1	Grant Gp	Base Channel	1163.30	0.00	Sst		23			1040
West Terrace 1	Grant Gp	Base Channel	1163.60	0.00	Sst		23			1070
West Terrace 1	Grant Gp	Base Channel	1163.90	0.00	Sst		23.5			1200
West Terrace 1	Grant Gp	Base Channel	1164.20		Sst		23.6			430
West Terrace 1	Grant Gp	Base Channel	1164.50		Sst		22.1			182
West Terrace 1	Grant Gp	Base Channel	1164.80		Sst		23.2			231
West Terrace 1	Grant Gp	Base Channel	1165.10	0.00	Sst		21.5			29
West Terrace 1	Grant Gp	Base Channel	1165.40		Sst		24.3			368
West Terrace 1	Grant Gp	Base Channel	1165.70	0.00	Sst		23.5			107
West Terrace 1	Grant Gp	Base Channel	1166.00		Sst		10.7			0.09
West Terrace 1	Grant Gp	Base Channel	1166.30	0.00	Sst		20.6			302
West Terrace 1	Grant Gp	Base Channel	1166.60	0.00	Sst		22			990
West Terrace 1	Grant Gp	Base Channel	1166.90		Sst		18.5			204
West Terrace 1	Grant Gp	Base Channel	1167.20	0.00	Sst		21.9			1230
West Terrace 1	Grant Gp	Base Channel	1167.50	0.00	Sst		19.9			150
West Terrace 1	Grant Gp	Base Channel	1167.80		Sst		22.7			1340
West Terrace 1	Grant Gp	Base Channel	1168.10	0.00	Sst		13.8			119
West Terrace 1	Grant Gp	Base Channel	1168.40		Sst		23.2			990
West Terrace 1	Grant Gp	Base Channel	1168.70		Sst		23.1			720
West Terrace 1	Grant Gp	Base Channel	1169.00	0.00	Sst		23.7			560
West Terrace 1	Grant Gp	Base Channel	1169.30	0.00	Sst		19.5			660
West Terrace 1	Grant Gp	Base Channel	1170.20		Sst		23.1			990
West Terrace 1	Grant Gp	Base Channel	1170.50	0.00	Sst		22.6			1070
West Terrace 1	Grant Gp	Base Channel	1170.80		Sst		24			1360
West Terrace 1	Grant Gp	Base Channel	1171.10	0.00	Sst		22.8			1170
West Terrace 1	Grant Gp	Base Channel	1171.40	0.00	Sst		22.2			980
West Terrace 1	Grant Gp	Base Channel	1171.70	0.00	Sst		20.4			970
West Terrace 1	Grant Gp	Base Channel	1172.00		Sst		19.4			940
West Terrace 1	Grant Gp	Base Channel	1172.30		Sst		21.5			870
West Terrace 1	Grant Gp	Base Channel	1172.60	0.00	Sst		21.5			478
West Terrace 1	Grant Gp	Base Channel	1172.90	0.00	Sst		19.4			650

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth	Base depth	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
			(m)	(m)						
West Terrace 1	Grant Gp	Base Channel	1173.20		Sst		18			480
West Terrace 1	Grant Gp	Base Channel	1173.50	0.00	Sst		22.9			415
West Terrace 1	Grant Gp	Base Channel	1173.80		Sst		20.4			1000
White Hills 1	Anderson Fm		1062.40				25.6		61	
White Hills 1	Anderson Fm		1064.00				26.8		47	
White Hills 1	Anderson Fm		1067.80				17.5		1.9	
White Hills 1	Anderson Fm		1070.50				23.5		25	
White Hills 1	Anderson Fm		1076.90				14.1		<0.1	
White Hills 1	Anderson Fm		1087.10				22.9		8.1	
White Hills 1	Fairfield Gp		1090.80				22.8		10	
White Hills 1	Fairfield Gp		1107.80				22.6		13	
White Hills 1	Fairfield Gp		1140.60				24.1		43	
White Hills 1	Fairfield Gp		1142.20				26.2		72	
White Hills 1	Fairfield Gp		1146.60				25.9		59	
White Hills 1	Fairfield Gp		1148.30				22.5		14	
White Hills 1	Fairfield Gp		1150.00				17.9		2.6	
White Hills 1	Fairfield Gp		1165.20				21.5		6.1	
White Hills 1	Fairfield Gp		1195.80				22.4		4.3	
White Hills 1	Fairfield Gp		1204.70				12.9		<0.1	
White Hills 1	Fairfield Gp		1250.20				13.5		0.3	
White Hills 1	Fairfield Gp		1270.20				18.7		3.1	
White Hills 1	Fairfield Gp		1275.90				13.5		0.9	
White Hills 1	Fairfield Gp		1278.70				18.2		3.2	
White Hills 1	Fairfield Gp		1281.10				22.4		13	
White Hills 1	Fairfield Gp		1282.80				22.9		1.1	
White Hills 1	Fairfield Gp		1297.60				11.6		<0.1	
White Hills 1	Fairfield Gp		1324.40				17.8		1.5	
White Hills 1	Fairfield Gp		1340.30				20.2		4.2	
White Hills 1	Fairfield Gp		1344.60				24.7		25	
White Hills 1	Fairfield Gp		1347.00				24.4		36	
White Hills 1	Fairfield Gp		1374.30				22.6		19	
White Hills 1	Fairfield Gp		1376.30				15.4		0.5	
White Hills 1	Fairfield Gp		1379.20				19.4		1.6	
White Hills 1	Fairfield Gp		1391.40				16.1		1.1	
White Hills 1	Fairfield Gp		1393.40				23.3		6.4	
White Hills 1	Fairfield Gp		1407.10				17		1.4	
White Hills 1	Fairfield Gp		1436.40				12.5		<0.1	
White Hills 1	Fairfield Gp		1438.40				23.5		13	
White Hills 1	Fairfield Gp		1467.70				21.5		6.1	
White Hills 1	Fairfield Gp		1471.70				24.2		15	

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth (m)	Base depth (m)	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
White Hills 1	Fairfield Gp		1476.10				24.5		12	
White Hills 1	Fairfield Gp		1476.70				26		34	
White Hills 1	Fairfield Gp		1545.10				17.4		1.5	
White Hills 1	Fairfield Gp		1548.10				23.4		23	
White Hills 1	Fairfield Gp		1549.90				14.6		<0.1	
White Hills 1	Fairfield Gp		1552.90				12.9		<0.1	
White Hills 1	Fairfield Gp		1578.20				21.6		4.5	
White Hills 1	Fairfield Gp		1583.00				18.7		3	
White Hills 1	Fairfield Gp		1592.80				13.6		<0.1	
White Hills 1	Fairfield Gp		1597.60				8.4		<0.1	
White Hills 1	Fairfield Gp		1603.00				14.3		<0.1	
White Hills 1	Fairfield Gp		1606.80				15.1		0.3	
White Hills 1	Fairfield Gp		1619.20				10.7		<0.1	
White Hills 1	Fairfield Gp		1650.40				17.8		0.4	
White Hills 1	Fairfield Gp		1651.90				20.2		1.6	
White Hills 1	Fairfield Gp		1659.10				22.8		7.9	
White Hills 1	Fairfield Gp		1662.00				8.5		<0.1	
White Hills 1	Fairfield Gp		1731.20				18.2		3.2	
White Hills 1	Fairfield Gp		1732.60				20.3		1.6	
White Hills 1	Fairfield Gp		1745.00				13.9		0.8	
White Hills 1	Fairfield Gp		1827.00				21.7		7.6	
White Hills 1	Fairfield Gp		1845.80				9.4		<0.1	
White Hills 1	Fairfield Gp		1871.30				14.2		0.4	
White Hills 1	Fairfield Gp		1890.10				21.8		6.4	
White Hills 1	Fairfield Gp		1929.40				23.2		5.8	
White Hills 1	Fairfield Gp		1965.00				21.7		0.4	
White Hills 1	Fairfield Gp		2111.50				24.2		21	
White Hills 1	Fairfield Gp		2113.00				21.5		2.1	
White Hills 1	Fairfield Gp		2115.50				26.9		36	
White Hills 1	Fairfield Gp		2121.60				25.2		41	
Willara 1	Grant Gp		1141.38	1150.62		2.24	19			61
Willara 1	Grant Gp		1147.27	0.00		2.31	16.8		60	
Willara 1	Grant Gp		1147.57	1147.67		1.97	27			684
Willara 1	Grant Gp		1147.60		Sst		27			684
Willara 1	Grant Gp		1147.88			1.94	25.1		165	
Willara 1	Grant Gp		1148.18			1.92	26.8		180	
Willara 1	Grant Gp		1148.79	0.00		1.99	25		16	
Willara 1	Grant Gp		1149.10			2.3	26.2		71	
Willara 1	Grant Gp		1149.71	0.00		1.98	24.3		90	
Willara 1	Grant Gp		1150.01	0.00		1.94	25.7		79	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			<i>(m)</i>	<i>(m)</i>						
Yulleroo 1	Carboniferous	Unit B	1293.72	0.00	Sst		17.9		92	
Yulleroo 1	Carboniferous	Unit B	1294.55		Sst		15.9		25	
Yulleroo 1	Carboniferous	Unit C	2519.93	0.00	Sst		2.9		0.04	
Yulleroo 1	Carboniferous	Unit C	2521.92		Sst		8.2		0.22	
Yulleroo 1	Carboniferous	Unit C	2522.92		Sst		6.7		0.12	
Yulleroo 1	Carboniferous	Unit C	2523.23	0.00	Sst		9.8		0.23	
Yulleroo 1	Carboniferous	Unit C	2664.50	0.00	Sst		4.7		0.03	
Yulleroo 1	Carboniferous	Unit C	2723.97	0.00	Sst		7.4		0.12	
Yulleroo 1	Carboniferous	Unit C	2724.91		Sst		6		0.07	
Yulleroo 1	Carboniferous	Unit C	2726.44		Sst		4.3		0.07	
Yulleroo 1	Carboniferous	Unit C	3206.19	0.00	Sst		6.9		0.06	
Yulleroo 1	Carboniferous	Unit C	3295.50	0.00	Sst		1.8		0.02	
Yulleroo 1	Carboniferous	Unit C	3348.84	0.00	Sst		12.4		0	
Yulleroo 1	Carboniferous	Unit C	3349.63		Sst		11.6		0	
Yulleroo 1	Carboniferous	Unit C	3349.63	0.00	Sst		10.2		0.23	
Yulleroo 1	Carboniferous	Unit C	3350.57		Sst		12.7		0	
Yulleroo 1	Carboniferous	Unit C	3350.57		Sst		8		0.1	
Yulleroo 1	Carboniferous	Unit C	3351.28		Sst		7.4		0.15	
Yulleroo 1	Carboniferous	Unit C	3351.28	0.00	Sst		13.5		0	
Yulleroo 1	Carboniferous	Unit C	3351.82	0.00	Sst		8.2		0.06	
Yulleroo 1	Carboniferous	Unit C	3392.64		Sst		8.76		0	
Yulleroo 1	Carboniferous	Unit C	3393.03	0.00	Sst		9.7		0	
Yulleroo 1	Carboniferous	Unit C	3393.09		Sst		7.6		0.09	
Yulleroo 1	Carboniferous	Unit C	3393.92	0.00	Sst		9.2		0.1	
Yulleroo 1	Carboniferous	Unit C	3393.95	0.00	Sst		8.24		0	
Yulleroo 1	Carboniferous	Unit C	3394.41	0.00	Sst		6.9		0.13	
Yulleroo 1	Carboniferous	Unit C	3394.86		Sst		10.1		0	
Yulleroo 1	Carboniferous	Unit C	3395.38		Sst		8.5			
Yulleroo 1	Carboniferous	Unit C	3395.47	0.00	Sst		7.7		0.16	
Yulleroo 1	Carboniferous	Unit C	3395.84	0.00	Sst		10.2			
Yulleroo 1	Carboniferous	Unit C	3396.45	0.00	Sst		5.6		0.14	
Yulleroo 1	Carboniferous	Unit C	3396.54	0.00	Sst		4.6		0.09	
Yulleroo 1	Carboniferous	Unit C	3396.94	0.00	Sst		6.4			
Yulleroo 1	Carboniferous	Unit C	3397.24	0.00	Sst		10.8		0.65	
Yulleroo 1	Carboniferous	Unit C	3397.30	0.00	Sst		7.7		0	
Yulleroo 1	Carboniferous	Unit C	3397.30	0.00	Sst		10.4		0.37	
Yulleroo 1	Carboniferous	Unit C	3397.76	0.00	Sst		9.2			
Yulleroo 1	Carboniferous	Unit C	3398.22	0.00	Sst		7.9		0.3	
Yulleroo 1	Carboniferous	Unit C	3398.82		Sst		11.4		0.51	
Yulleroo 1	Carboniferous	Unit C	3399.13	0.00	Sst		11.6		4.5	

Appendix 6 (cont.)

Well name	Formation	Formation qualifier	Top depth (m)	Base depth (m)	Lithology	Grain/bulk density (g/cc)	Unspecified porosity (%)	Horizontal porosity (%)	Unspecified permeability (md)	Horizontal permeability (md)
Willara 1	Grant Gp		1150.60		Sst		19			61
Willara 1	Grant Gp		1151.53	0.00		2.24	8.3		11	
Wilson Cliffs 1	Grant Gp	Mbr 2	923.85	0.00		2.74	22.2			
Wilson Cliffs 1	Grant Gp	Mbr 2	924.15	0.00		2.65	23.4		355	
Wilson Cliffs 1	Grant Gp	Mbr 2	924.46	0.00		2.65	24.2		600	
Wilson Cliffs 1	Grant Gp	Mbr 2	924.76			2.65	22.8		215	
Wilson Cliffs 1	Grant Gp	Mbr 2	925.07	0.00		2.67	18.7		12.25	
Wilson Cliffs 1	Grant Gp	Mbr 2	925.37			2.67	10.5		26	
Wilson Cliffs 1	Grant Gp	Mbr 2	925.68			2.67	9.6		1.55	
Wilson Cliffs 1	Grant Gp	Mbr 2	925.98			2.67	9.1		0.45	
Wilson Cliffs 1	Grant Gp	Mbr 2	926.29	0.00		2.66	21.2		56	
Wilson Cliffs 1	Grant Gp	Mbr 2	926.59			2.66	25		480	
Wilson Cliffs 1	Grant Gp	Mbr 2	926.90	0.00		2.66	21.9		34	
Wilson Cliffs 1	Grant Gp	Mbr 2	927.20	0.00		2.65	25		200	
Wilson Cliffs 1	Grant Gp	Mbr 2	927.51	0.00		2.65	25.2		235	
Wilson Cliffs 1	Grant Gp	Mbr 2	927.81			2.65	23.9		114	
Wilson Cliffs 1	Grant Gp	Mbr 2	928.12			2.67	18.2		35	
Wilson Cliffs 1	Grant Gp	Mbr 2	928.42			2.64	19.8		0.11	
Wilson Cliffs 1	Grant Gp	Mbr 2	928.73			2.66	24.9		1.3	
Wilson Cliffs 1	Grant Gp	Mbr 2	929.03	0.00		2.67	24.3		60	
Woods Hills 1	Grant Gp		759.00	0.00	Sdy Sh	2.69	18.17		2.8	
Woods Hills 1	Grant Gp		836.00	0.00	Sdy Sh	2.71	17.35		1.5	
Woods Hills 1	Grant Gp		892.00		Sdy Sh	2.70	17.42		0.7	
Woods Hills 1	Grant Gp		1045.00		Sst	2.69	24.54		11.9	
Yulleroo 1	Carboniferous	Unit A	690.52	0.00	Sst		8.8		0.11	
Yulleroo 1	Carboniferous	Unit A	691.44	0.00	Sst		9.9		0.25	
Yulleroo 1	Carboniferous	Unit A	692.41		Sst		9.5		0.19	
Yulleroo 1	Carboniferous	Unit A	693.21		Sst		10.1		0.25	
Yulleroo 1	Carboniferous	Unit A	694.15	0.00	Sst		10.1		0.19	
Yulleroo 1	Carboniferous	Unit A	695.07	0.00	Sst		10		0.23	
Yulleroo 1	Carboniferous	Unit A	831.10	0.00	Sst		7.9		0.21	
Yulleroo 1	Carboniferous	Unit A	831.74	0.00	Sst		16.1		0.21	
Yulleroo 1	Carboniferous	Unit A	832.35		Sst		13.1		0.25	
Yulleroo 1	Carboniferous	Unit B	1287.57	0.00	Sst		13.1		0.5	
Yulleroo 1	Carboniferous	Unit B	1288.42		Sst		17.5		27	
Yulleroo 1	Carboniferous	Unit B	1289.18		Sst		7.1		0.6	
Yulleroo 1	Carboniferous	Unit B	1289.91	0.00	Sst		14.6		4	
Yulleroo 1	Carboniferous	Unit B	1291.10	0.00	Sst		16.5		15	
Yulleroo 1	Carboniferous	Unit B	1291.93		Sst		12.4		1.4	
Yulleroo 1	Carboniferous	Unit B	1292.78	0.00	Sst		14.5		5.3	

Appendix 6 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth</i>	<i>Base depth</i>	<i>Lithology</i>	<i>Grain/bulk density (g/cc)</i>	<i>Unspecified porosity (%)</i>	<i>Horizontal porosity (%)</i>	<i>Unspecified permeability (md)</i>	<i>Horizontal permeability (md)</i>
			<i>(m)</i>	<i>(m)</i>						
Yulleroo 1	Carboniferous	Unit C	3399.37		Sst		10.7			
Yulleroo 1	Carboniferous	Unit C	3399.86	0.00	Sst		9.4		0.25	
Yulleroo 1	Carboniferous	Unit C	3400.01	0.00	Sst		11.7		0	
Yulleroo 1	Carboniferous	Unit C	3400.20	0.00	Sst		11.8		0.33	
Yulleroo 1	Carboniferous	Unit C	3400.81		Sst		7.3		0.2	
Yulleroo 1	Carboniferous	Unit C	3400.96	0.00	Sst		6.4		0	
Yulleroo 1	Carboniferous	Unit C	3401.26	0.00	Sst		6.5		0.14	

NOTES:
g/cc = grams per cubic centimetre; md = millidarcy; Gp = Group; Fm = Formation; Mbr = Member; Sh = Shale; Sst = Sandstone; WAPET = West Australian Petroleum Pty Ltd; Upp = Upper; Sh = Shale; Lwr = Lower; Carb = Carbonate; Sltst = Siltstone;
Cgl = Conglomerate; Ls = Limestone; Dol = Dolomite; Intbd = Interbedded; Clst = Claystone; Fluor = Fluorescence; Qtz = Quartz; sdy = sandy; Anhy = Anhydrite; Crs = Coarse; Med = Medium; F = Fine; std = sorted; gr = grained; Cclar = Calcarenite;
Mdst = Mudstone; Intlam = Interlaminated; Mass = Massive; Arg = Argillaceous; lams = laminations; w/ = with

Appendix 7

Wireline log porosity data

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Log porosity</i>
Atrax 1	Noonkanbah Fm		Up to 35%
Atrax 1	Poole Sandstone		30–35%
Atrax 1	Grant Gp		15–30%
Barbwire 1	Grant Gp		37%
Bindi 1	Liveringa Gp		Avg. 33–35%
Bindi 1	Noonkanbah Fm		10–30%
Bindi 1	Poole Sandstone		20–27%
Bindi 1	Grant Gp		5–30%
Bindi 1	Carboniferous	Fraser River Shale Equiv?	7–20%
Bindi 1	Anderson Fm		3–20%
Blina 1	Yellow Drum Fm		Up to 29%
Boundary 1	Anderson Fm		14–18%
Calamia 1	Grant Gp		10.7–34%
Carina 1	Grant Gp	Cuncudgerie Sandstone	16–31%
Chirup 1	Liveringa Gp		25–30%
Chirup 1	Poole Sandstone		25–30%
Chirup 1	Grant Gp		30–33%
Contention Heights 1	Poole Sandstone		30%
Contention Heights 1	Grant Gp		15–30%
Corbett 1	Data confidential until 1999	Data confidential until 1999	40%+
Corbett 1	Data confidential until 1999	Data confidential until 1999	40%+
Crimson Lake 1	Liveringa Gp		38–50%
Crimson Lake 1	Noonkanbah Fm		13–40%
Crimson Lake	Anderson Fm		5–20%
Crossland 3	Grant Gp	Basal Unit	20–30%
Cycas 1	Noonkanbah Fm		Less than 20%
Cycas 1	Anderson Fm		variable but up to 24%
Darriwell 1	Grant Gp		20–30%
Darriwell 1	Grant Gp	Pre Glacial Unit	20–27%
Ellendale 1	Anderson Fm		13%
Frankenstein 1	Pre Grant		16%
Jones Range 1	Grant Gp		8–22%
Jones Range 1	Anderson Fm		5–8%
Jones Range 1	Laurel Fm		5–8%
Kemp Field 1	Poole Sandstone		35–40%

Appendix 7 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Log porosity</i>
Kemp Field 1	Grant Gp	Cuncudgerie Sandstone	35–40%
Kemp Field 1	Grant Gp	Braeside Tillite	35%
Kilang Kilang 1	Poole Sandstone		23–35%
Kilang Kilang 1	Grant Gp		Up to 25%
Kilang Kilang 1	Anderson Fm		Up to 17%
Kora 1	Anderson Fm		12%
Lake Betty 1	Grant Gp		8.5–22%
Lake Betty 1	Laurel Fm		5–11%
Lloyd 1	Poole Sandstone		20–30%
Lloyd 1	Grant Gp		20–30%
Lloyd 1	Anderson Fm		10–20%
Lloyd 1	Laurel Fm		2–13.5%
Mangaloo 1	Fairfield Gp	Upper	8%
McLarty 1	Grant Gp	Cuncudgerie Sandstone	Up to 35%
Munro 1	Grant Gp	Cuncudgerie Sandstone	11–31%
Musca 1	Grant Gp		15–26%
Olios 1	Poole Sandstone		Avg. 30%
Olios 1	Grant Gp	Upper Grant Sand	26 to 37%
Olios 1	Grant Gp	Upper Grant Sand	16 to 26%
Olios 1	Laurel Fm	Upper	Up to 22%
Pandorea 1	Grant Gp		> 25%
Patience 1	Poole Sandstone		25–35%
Patience 1	Grant Gp		25–35%
Point Moody 1	Poole Sandstone		Avg. 15%
Point Moody 1	Grant Gp		Avg. 8%
South Auld 1	Grant Gp		10–30%
Sundown 1	Grant Gp	Unit A	20% in "900" oil sand
Terrace 1	Anderson Fm		Up to 22.5%
West Kora 1	Liveringa Gp		Up to 31%
West Kora 1	Noonkanbah Fm		Up to 19%
West Kora 1	Anderson Fm		Up to 17%
White Hills 1	Poole Sandstone		26%
White Hills 1	Grant Gp		24%
White Hills 1	Anderson Fm		20%
White Hills 1	Fairfield Gp		16.5%
Willara 1	Grant Gp		20–25%
Wilson Cliffs 1	Noonkanbah Fm		Up to 30%
Wilson Cliffs 1	Poole Sandstone		30%–40%

Appendix 7 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Log porosity</i>
Wilson Cliffs 1	Grant Gp		15%–25%
Woods Hills 1	Grant Gp		12–32%
Yulleroo 1	Carboniferous	Unit C	Sands: 9.3–10.2%

NOTES: Fm = Formation; Gp = Group; Equiv = Equivalent

Appendix 8

Petrology data

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Thin section description (m)</i>	<i>Thin section image (m)</i>	<i>SEM (m)</i>	<i>XRD (m)</i>	<i>Comments</i>
Contention Heights 1	Noonkanbah Fm						General petrographic description
Contention Heights 1	Poole Sandstone						General petrographic description
Contention Heights 1	Grant Gp						General petrographic description
Corbett 1	Data confidential until 1999	Data confidential until 1999	344.00				
Crimson Lake 1	Grant Gp	Winifred Fm	1032.00	1032.00			
Crimson Lake 1	Grant Gp	Winifred Fm	1053.50	1053.50			
Crimson Lake 1	Anderson Fm		1498.50	1498.50			
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1574.00	1574.00			
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1599.30	1599.30			
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1689.50	1689.50			
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1873.00	1873.00			
Cycas 1	Grant Gp	Unit A	983.30				
Cycas 1	Grant Gp	Unit A	998.70				
Cycas 1	Grant Gp	Unit C				632.7	
Cycas 1	Grant Gp	Unit C				753.6	
Cycas 1	Grant Gp	Unit B				939.2	
Cycas 1	Grant Gp	Upper Pre-Glacial Unit				2005	
Cycas 1	Grant Gp	Lower Pre-Glacial Unit				2222.5	
Cycas 1	Anderson Fm					2349	
Cycas 1	Anderson Fm					2357.5	
Kora 1	Grant Gp	Lwr Grant Gp			1680		
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp				1077.2	
Mangaloo 1	Fairfield Gp	Lower Fairfield Gp				1136	
Olios 1	Laurel Fm	Limestone	1324.60				
Olios 1	Laurel Fm	Limestone	1325.70	1325.70			
Olios 1	Laurel Fm	Limestone	1327.80	1327.80			
Olios 1	Laurel Fm	Limestone	1330.80	1330.80			
Olios 1	Laurel Fm	Limestone	1331.80	1331.80			
Olios 1	Laurel Fm	Limestone	1335.40	1335.40			
Olios 1	Laurel Fm	Limestone	1337.60	1337.60			
Olios 1	Laurel Fm	Limestone	1338.70	1338.70			
Olios 1	Laurel Fm	Limestone	1339.70	1339.70			
Olios 1	Laurel Fm	Limestone	1341.90	1341.90			
St George Range 1	Grant Gp						General petrographic description
St George Range 1	Anderson Fm		1572.16				
St George Range 1	Anderson Fm		1928.16				
St George Range 1	Anderson Fm		2179.93				

Appendix 8 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Thin section description (m)</i>	<i>Thin section image (m)</i>	<i>SEM (m)</i>	<i>XRD (m)</i>	<i>Comments</i>
St George Range 1	Laurel Fm	Laurel Fm?	4436.97				
West Kora 1	Grant Gp		1303.00				
West Kora 1	Grant Gp		1519.00				
West Kora 1	Anderson Fm		1621.50				
West Kora 1	Anderson Fm		1670.00				
West Kora 1	Anderson Fm		1695.00				
West Kora 1	Anderson Fm		1699.90				
West Kora 1	Anderson Fm		1703.00				
West Kora 1	Anderson Fm		1717.90				
West Kora 1	Anderson Fm		1736.40				
West Kora 1	Anderson Fm		1744.50				
West Kora 1	Anderson Fm		1798.00				
West Kora 1	Anderson Fm		1885.00				
West Kora 1	Anderson Fm		1889.90				
West Kora 1	Anderson Fm		1992.10				
West Kora 1	Anderson Fm		2001.00				
West Kora 1	Anderson Fm		2248.90				
West Kora 1	Laurel Fm		2302.90				
West Kora 1	Laurel Fm		2319.80				
White Hills 1	?	?					See appendices 3 & 4 in WCR
Willara 1	?	?					See appendix 2 in WCR
Woods Hills 1	Grant Gp		836.00	836.00			
Woods Hills 1	Grant Gp		1045.00	1045.00			
Yulleroo 1	Carboniferous	Unit C	3670.95				Petrographic report
Yulleroo 1	Carboniferous	Unit C	3673.66				
Yulleroo 1	Carboniferous	Unit C	3676.16				
Yulleroo 1	Carboniferous	Unit C	3680.40				
Yulleroo 1	Carboniferous	Unit A, B, C					Petrographic report (38 thin sections)

NOTES: SEM = Scanning Electron Microscopy; XRD = X-ray Diffraction; Fm = Formation; Gp = Group; Mbr = Member; WCR = Well completion report

Appendix 9

Well test data

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Test type</i>	<i>Test no</i>	<i>Top depth (m)</i>	<i>End depth (m)</i>
Aristida 1A	Grant Gp		DST	1	180	205.4
Auld 1	Grant Gp	Unit A	DST	1	778	805
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	DST	3	2347.3	2438.7
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	DST	2	2378.9	2436.3
Bindi 1	Poole Sandstone		DST	1	929	960
Blina 1	Yellow Drum Fm		DST	1	1160	1257
Blina 1	Yellow Drum Fm		DST	2	1160	1254
Boundary 1	Anderson Fm		DST	3	1606	1611
Boundary 1	Anderson Fm		DST	4	1570	1576
Boundary 1	Grant Gp	Grant 'Unit C'	DST	1	1277	1281
Boundary 1	Grant Gp	Grant 'Unit C'	DST	2	1277	1281
Crimson Lake 1	Grant Gp	Winifred Fm	DST	1	1038	1049
Crimson Lake 1	Winifred Fm		DST	2	1025	1036
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	DST	3	1587	1605
Cycas 1	Anderson Fm		DST	1	2431.9	2439.9
Cycas 1	Anderson Fm		DST	1A	2416.9	2438.9
Cycas 1	Anderson Fm		DST	1B	2414.9	2438.9
Cycas 1	Anderson Fm		DST	2	2319.9	2371.1
Cycas 1	Grant Gp	Unit C	DST	3	863	872
Ellendale 1	Fairfield Gp	Carbonate Mbr	DST	1	2361.9	2390.55
Ellendale 1	Fairfield Gp	Carbonate Mbr	DST	1A	2363.11	2401.21
Ellendale 1	Fairfield Gp	Carbonate Mbr	DST	2	2154.33	2172.31
Ellendale 1	Laurel Fm		DST	3	1636.47	2117.75
Eremophila 3	Grant Gp	Lower Sandstone	DST	1	194.3	213.4
Grant Range 1	Carboniferous	Member D	DST	4	2437	2447
Grant Range 1	Carboniferous	Member F	DST	5B	3112	3118
Grant Range 1	Grant Gp	Member B	DST	1	1824.53	1831.85
Grant Range 1	Grant Gp	Member B	DST	2	1824	1832
Grant Range 1	Grant Gp	Member B	DST	6B	1682	1789
Grant Range 1	Grant Gp	Member C	DST	3	2215	2226
Juno 1	Grant Gp		DST	1	921.41	923.24
Kora 1	Grant Gp	Lwr Grant Gp	DST	1	1667	1689
Kora 1	Grant Gp	Lwr Grant Gp	DST	2	1754	1800
Kora 1	Grant Gp	Lwr Grant Gp	DST	3	1760	1800
Kora 1	Grant Gp	Lwr Grant Gp	DST	6	1674	1681
Kora 1	Grant Gp	Lwr Grant Gp	DST	7	1608	1611.5
Kora 1	Anderson Fm		DST	4	2086	2107

Appendix 9 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Test type</i>	<i>Test no</i>	<i>Top depth (m)</i>	<i>End depth (m)</i>
Lake Betty 1	Laurel Fm		DST	1	2452.73	2471.93
Lloyd 1	Anderson Fm		DST	1	1511.2	1522.8
Lloyd 1	Anderson Fm		DST	2	1512.4	1522.8
McLarty 1	Grant Gp	Dora Sh/Cuncudgerie Sst/Braeside Tillite	DST	1	293	304
Meda 1	Laurel Fm		DST	1	1549	1574
Meda 1	Laurel Fm		DST	8A	1600	1618
Meda 1	Laurel Fm		DST	9B	1558	1565
Meda 1	Laurel Fm		DST	9C	1558	1565
Olios 1	Grant Gp		DST	5	447	449
Olios 1	Laurel Fm	Upper	DST	1	945	982
Olios 1	Laurel Fm	Upper	DST	2	915	1006
Olios 1	Laurel Fm	Upper	DST	3	848	871.7
Olios 1	Laurel Fm	Upper	DST	4	848	871.7
Point Moody 1	Grant Gp		DST	2	1407.57	1430.43
Point Moody 1	Poole Sandstone		DST	1	515.72	523.34
Point Moody 1	Poole Sandstone		DST	3	539.5	542.54
Point Torment 1	Data confidential until 1998	Unit C	DST	1A	2085.8	2096.5
Point Torment 1	Data confidential until 1998	Unit C	DST	3	2126	2184
Point Torment 1 1994 Deepening	Data confidential until 1999	Unit C	DST	1A	2085.8	2096.5
Point Torment 1 1994 Deepening	Data confidential until 1999	Unit C	DST	3	2126	2184
Point Torment 1 1994 Deepening	Data confidential until 1999	Unit C	DST	6	2145.5	2163.5
Point Torment 1 1994 Deepening	Data confidential until 1999	Lower	DST	1	2389.5	2470.5
Point Torment 1 1994 Deepening	Data confidential until 1999	Lower	DST	4	2391	2437
Point Torment 1 1994 Deepening	Data confidential until 1999	Upper	DST	2	2260	2275
Point Torment 1 1994 Deepening	Data confidential until 1999	Upper	DST	5	2267.5	2280
St George Range 1	Laurel Fm	?Laurel Fm	DST	1	3172	3184
St George Range 1	Laurel Fm	?Laurel Fm	DST	2	3154.07	3254.65
Terrace 1	Grant Gp		DST	1	930.5	934.5
Terrace 1	Grant Gp		DST	2	930.5	934.5
Terrace 1	Laurel Fm		DST	3	1837	1868
West Kora 1	Anderson Fm		DST	1	1737.5	1756.2
West Kora 1	Anderson Fm		DST	2	1741	1758.5
West Kora 1	Anderson Fm		DST	3	1987	1990
West Kora 1	Anderson Fm		PT	1	1735	1751
West Terrace 1	Grant Gp	Base Channel	DST	1	1147	1159
White Hills 1	Anderson Fm		DST	8	1062	1080
White Hills 1	Fairfield Gp		DST	1	2110.5	2125
White Hills 1	Fairfield Gp		DST	2	1650.5	1665
White Hills 1	Fairfield Gp		DST	3	1540.5	1554
White Hills 1	Fairfield Gp		DST	4	1471	1477

Appendix 9 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Test type</i>	<i>Test no</i>	<i>Top depth (m)</i>	<i>End depth (m)</i>
White Hills 1	Fairfield Gp		DST	4A	1471	1477
White Hills 1	Fairfield Gp		DST	4B	1471	1477
White Hills 1	Fairfield Gp		DST	5	1374	1380.5
White Hills 1	Fairfield Gp		DST	6	1344	1350
White Hills 1	Fairfield Gp		DST	7	1270	1283
Willara 1	Grant Gp		DST	1	810.77	830.58
Willara 1	Grant Gp		DST	1A	788.21	830.58
Yulleroo 1	Carboniferous	Unit C	DST	1	3243.07	3306.17
Yulleroo 1	Carboniferous	Unit C	DST	2	3216.86	3306.78
Yulleroo 1	Carboniferous	Unit C	DST	3	3216.86	3306.78
Yulleroo 1	Carboniferous	Unit C	DST	4	3346.09	3354.63
Yulleroo 1	Carboniferous	Unit C	DST	5	3216.86	3354.63
Yulleroo 1	Carboniferous	Unit C	DST	6	3394.86	3407.66
Yulleroo 1	Carboniferous	Unit C	DST	7	3394.86	3407.66
Yulleroo 1	Carboniferous	Unit C	DST	8	3342.13	3357.37

NOTES: Gp = Group; Fm = Formation; Lwr = Lower; Mbr = Member; Sh = Shale; Sst = Sandstone; DST = Drill stem test; PT = Production test

Appendix 10

Petroleum show data

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Base depth (m)</i>	<i>Comments</i>
Aristida 1	Grant Gp		195.6	205	See digital table for show description
Aristida 1	Grant Gp		202.15	205	See digital table for show description
Aristida 1A	Grant Gp		195.6	205	See digital table for show description
Aristida 1A	Grant Gp		202.15	205	See digital table for show description
Auld 1	Poole Sandstone		195	195	See digital table for show description
Auld 1	Grant Gp	Unit B	290	290	See digital table for show description
Auld 1	Grant Gp	Unit A	791	791	See digital table for show description
Bindi 1	Poole Sandstone		934	937	See digital table for show description
Bindi 1	Poole Sandstone		943	949	See digital table for show description
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	2385	2389	See digital table for show description
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	2397	2399.5	See digital table for show description
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	2412	2415	See digital table for show description
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	2437	2439	See digital table for show description
Bindi 1	Anderson Fm	Lwr Anderson Fm (Units C, B & A)	2443	2450	See digital table for show description
Blina 1	Yellow Drum Fm		1175	1207.3	See digital table for show description
Blina 1	Yellow Drum Fm		1207.3	1217.5	See digital table for show description
Blina 1	Yellow Drum Fm		1217.5	1235.9	See digital table for show description
Boundary 1	Grant Gp	Grant 'Unit C'	1279	1280	See digital table for show description
Boundary 1	Anderson Fm		1608.5	1610	See digital table for show description
Crimson Lake 1	Grant Gp	Carolyn Fm	740	819.2	See digital table for show description
Crimson Lake 1	Grant Gp	Winifred Fm	1038	1049	See digital table for show description
Crimson Lake 1	Grant Gp	Winifred Fm	1021	1046	See digital table for show description
Crimson Lake 1	Grant Gp	Betty Fm	1120	1125	See digital table for show description
Crimson Lake 1	Anderson Fm		1495		See digital table for show description
Crimson Lake 1	Laurel Fm	Upper Clastic Mbr	1544.6	1711	See digital table for show description
Crimson Lake 1	Laurel Fm	Upper Carbonate Mbr	1711	1815	See digital table for show description
Crimson Lake 1	Laurel Fm	Lower Clastic Mbr	1815	1921.5	See digital table for show description
Cycas 1	Noonkanbah Fm		339.2	386.6	See digital table for show description
Cycas 1	Poole Sandstone		502	502	See digital table for show description
Cycas 1	Poole Sandstone		532.4	532.4	See digital table for show description
Cycas 1	Anderson Fm		2325	2330	See digital table for show description
Cycas 1	Anderson Fm		2330	2349	See digital table for show description
Cycas 1	Anderson Fm		2355	2620	See digital table for show description
Ellendale 1	Anderson Fm		1455	1460	See digital table for show description
Ellendale 1	Laurel Fm		1640	1645	See digital table for show description
Ellendale 1	Laurel Fm		1645	1653.5	See digital table for show description
Ellendale 1	Laurel Fm		1653.5	1750	See digital table for show description

Appendix 10 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Base depth (m)</i>	<i>Comments</i>
Ellendale 1	Laurel Fm		1955	1965	See digital table for show description
Ellendale 1	Laurel Fm		1964	1973.5	See digital table for show description
Ellendale 1	Fairfield Gp	Carbonate Mbr	2170		See digital table for show description
Ellendale 1	Fairfield Gp	Carbonate Mbr	2362		See digital table for show description
Grant Range 1	Grant Gp	Member B	1780.03	1789.18	See digital table for show description
Grant Range 1	Grant Gp	Member B	1828.8	1831.85	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1605	1616	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1650	1655	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1674	1681	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1676	1682.3	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1693	1698	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1760	1800	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1765	1800	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1867	1885	See digital table for show description
Kora 1	Grant Gp	Lwr Grant Gp	1905	1915	See digital table for show description
Kora 1	Anderson Fm		1930	1986	See digital table for show description
Kora 1	Anderson Fm		2011	2043	See digital table for show description
Kora 1	Anderson Fm		2045	2049	See digital table for show description
Kora 1	Anderson Fm		2054	2063	See digital table for show description
Kora 1	Anderson Fm		2085	2278	See digital table for show description
Kora 1	Laurel Fm		2298	2341	See digital table for show description
Lake Betty 1	Laurel Fm		2471.93	2476.2	See digital table for show description
Lloyd 1	Poole Sandstone	Nura Nura Mbr	925	927	See digital table for show description
Lloyd 1	Grant Gp		927	930	See digital table for show description
Lloyd 1	Anderson Fm		1512.7	1528.65	See digital table for show description
Lloyd 1	Anderson Fm		1529	1535	See digital table for show description
Lloyd 1	Anderson Fm		1542.5	1547	See digital table for show description
Lloyd 1	Anderson Fm		1550	1560	See digital table for show description
Lloyd 1	Laurel Fm		1770	1780	See digital table for show description
Lloyd 1	Laurel Fm		1840	1845	See digital table for show description
Lloyd 1	Laurel Fm		1852.5	1860	See digital table for show description
Lloyd 1	Laurel Fm		1876	1877	See digital table for show description
Lloyd 1	Yellow Drum Fm		1877	1878	See digital table for show description
Lloyd 1	Yellow Drum Fm		1974	1976	See digital table for show description
Meda 1	Laurel Fm		1562.1	1564.5	See digital table for show description
Meda 1	Laurel Fm		1583.7	1585.6	See digital table for show description
Meda 1	Laurel Fm		1603.25	1615.4	See digital table for show description
Meda 1	Laurel Fm		1605.7	1606.3	See digital table for show description
Point Moody 1	Grant Gp		1112.52		See digital table for show description
Point Torment 1	Data confidential until 1998		1765	1773	See digital table for show description

Appendix 10 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Base depth (m)</i>	<i>Comments</i>
Point Torment 1	Data confidential until 1998		1850		See digital table for show description
Point Torment 1	Data confidential until 1998		1887	1896	See digital table for show description
Point Torment 1	Data confidential until 1998		2030	2036	See digital table for show description
Point Torment 1	Data confidential until 1998		2053	2058	See digital table for show description
Point Torment 1	Data confidential until 1998		2094	2097	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		1765	1773	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		1850		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		1887	1896	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2030	2036	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2053	2058	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2094	2097	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2143	2155	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2156	2159	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2180		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2187	2191	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2210		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2224		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2224	2238	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2255	2257	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2267		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2275		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2288		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2319		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2347		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2394.5	2395.5	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2395	2400	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2396.5	2397.5	See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2401.5		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2417		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2421		See digital table for show description
Point Torment 1 1994 Deepening	Data confidential until 1999		2427		See digital table for show description
Poole Range 3	Grant Gp		635.5	637	See digital table for show description
Poole Range 3	Grant Gp		649.5		See digital table for show description
St George Range 1	Laurel Fm	?Laurel Fm	3438.14	3441.19	See digital table for show description
Sundown 1	Noonkanbah Fm		540	620	See digital table for show description
Sundown 1	Noonkanbah Fm		684	704	See digital table for show description
Sundown 1	Grant Gp	Unit A	898	910	See digital table for show description
Sundown 1	Grant Gp	Unit A	920	930	See digital table for show description
Sundown 1	Grant Gp	Unit B	1095	1100	See digital table for show description
Sundown 1	Grant Gp	Unit C	1173	1200	See digital table for show description

Appendix 10 (cont.)

<i>Well name</i>	<i>Formation</i>	<i>Formation qualifier</i>	<i>Top depth (m)</i>	<i>Base depth (m)</i>	<i>Comments</i>
Sundown 1	Grant Gp	Unit C	1219	1230	See digital table for show description
Sundown 1	Anderson Fm		1500	1505	See digital table for show description
Sundown 1	Anderson Fm		1545	1796	See digital table for show description
Sundown 1	Laurel Fm	Upper Mbr	1796	1870	See digital table for show description
Terrace 1	Poole Sandstone	Nura Nura Mbr	878	879	See digital table for show description
Terrace 1	Grant Gp		932	936	See digital table for show description
Terrace 1	Laurel Fm		1837	1868	See digital table for show description
Terrace 1	Laurel Fm		1845	1865	See digital table for show description
Terrace 1	Laurel Fm		1863	1865	See digital table for show description
West Kora 1	Anderson Fm		1575	1600	See digital table for show description
West Kora 1	Anderson Fm		1615	1635	See digital table for show description
West Kora 1	Anderson Fm		1690	1705	See digital table for show description
West Kora 1	Anderson Fm		1734	1735	See digital table for show description
West Kora 1	Anderson Fm		1735	1751	See digital table for show description
West Kora 1	Anderson Fm		1795	1800	See digital table for show description
West Kora 1	Anderson Fm		1985	2028	See digital table for show description
West Kora 1	Anderson Fm		2050	2067	See digital table for show description
West Terrace 1	Grant Gp	Base Channel	1154	1156	See digital table for show description
West Terrace 1	Grant Gp	Base Channel	1156	1159.1	See digital table for show description
West Terrace 1	Grant Gp	Base Channel	1160.75	1160.95	See digital table for show description
White Hills 1	Grant Gp		190	195	See digital table for show description
White Hills 1	Grant Gp		920	930	See digital table for show description
White Hills 1	Fairfield Gp		1090	1265	See digital table for show description
White Hills 1	Fairfield Gp		1265	1897	See digital table for show description
White Hills 1	Fairfield Gp		1897	2125	See digital table for show description
Willara 1	Grant Gp		807.72	853.44	See digital table for show description
Yulleroo 1	Carboniferous	Unit C	2286	2298.19	See digital table for show description
Yulleroo 1	Carboniferous	Unit C	2377.44	2380.49	See digital table for show description
Yulleroo 1	Carboniferous	Unit C	3282.39	3291.84	See digital table for show description
Yulleroo 1	Carboniferous	Unit C	3394.86	3407.66	See digital table for show description
Yulleroo 1	Carboniferous	Unit C	3394.86	3407.66	See digital table for show description
Yulleroo 1	Carboniferous	Unit C	3342.13	3357.37	See digital table for show description

NOTES: Gp = Group; Fm = Formation; Lwr = Lower; Mbr = Member