INDEX of BMR LAND-BASED SEISMIC REFLECTION SURVEYS
1949 - 1986

by

F.J. Taylor
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F.J. Taylor
## CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION</td>
<td>0.1</td>
</tr>
<tr>
<td>FORMAT</td>
<td>0.2</td>
</tr>
<tr>
<td>INDEX by GEOLOGICAL BASINS</td>
<td>0.3</td>
</tr>
<tr>
<td>INDEX by AUSTRALIAN STATES</td>
<td>0.4</td>
</tr>
<tr>
<td>INDEX by GEOGRAPHICAL LOCATION</td>
<td>0.5</td>
</tr>
<tr>
<td>SURVEY no 1</td>
<td>1.1</td>
</tr>
<tr>
<td>SURVEY no &quot;N&quot;</td>
<td>N.1</td>
</tr>
</tbody>
</table>
ABSTRACT

This document contains a list of all seismic reflection surveys conducted by the Bureau of Mineral Resources between 1949 and the present. There are approximately 120 surveys covering 22 basins throughout Australia. The majority of these surveys are on the Australian mainland, however the list does include early work in the Antarctic as well as early marine work in the Timor sea. The list contains information on survey area, recording parameters, data storage and published results. Three indices are included at the beginning of the document and one page is devoted to a description of the format used to store this information on magnetic tape. This list is to be updated as further surveys are carried out.
INTRODUCTION

The Bureau of Mineral Resources have conducted reconnaissance seismic surveys throughout Australia since 1949. In more recent years such surveys have become regional surveys with long lines crossing several sedimentary basins. Enquiries over the years for information pertaining to these surveys have created a need for all relevant information to be documented in the form set out in this record. The documentation is not complete for some earlier surveys. Where information has not been found in the available reports then entries are marked as not stated. Where sources of information have not been found then entries are left blank. The information presented in this data base was obtained from the indices of seismic surveys, field tapes, records, data sheets and archive file 1981-142. All sources of information are kept in the seismic section BMR, and a copy of this record is maintained up to date.

Archives CRS numbers are as follows:
- Analogue tapes A1725, called [(survey number)-TB(box number)]
- Record boxes A1724, called [(survey number)-RB(box number)]
- Data sheets A5692, called [SURVEY(survey number)-(box numbers)].
- Digital tapes A4729, called [(tape number)]
The information contained in this document exist as ASCII on the HP computer system. One file exists for each survey and the file name is shown at the top of each entry in this document. These files are archived on magnetic tape in the format determined by the program ARCH2 on the BMR ADP HP computing system. The individual files can be returned to DISC by the program RETRO.
The format used to archive these data base files is described below.
Tape format: 9 track, 1600 BPI PE.
Record 1: Ascii header.
Record 2: 32 byte directory entry of the first file.
Record 3: 8192 bytes from file.
Record 4: Next 8192 bytes from file.
......
Record N: Last record of file (minimum record length is 256 bytes) END of FILE. (EOF)
Record N+1: 32 byte directory entry of next file.
Record N+2: 8192 bytes from file.
......

The end of data on tape is signaled by 2 EOF's after the last data record.

The 32 byte directory entry describes the following characteristics of the file.

<table>
<thead>
<tr>
<th>BYTE</th>
<th>CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2</td>
<td>Name</td>
</tr>
<tr>
<td>3,4</td>
<td>Name</td>
</tr>
<tr>
<td>5,6</td>
<td>Name</td>
</tr>
<tr>
<td>7,8</td>
<td>File type</td>
</tr>
<tr>
<td>9,10</td>
<td>Track</td>
</tr>
<tr>
<td>11,12</td>
<td>Extent/sector</td>
</tr>
<tr>
<td>13,14</td>
<td>Number of sectors in file</td>
</tr>
<tr>
<td>15,16</td>
<td>Record length (type 2 only)</td>
</tr>
<tr>
<td>17,18</td>
<td>Security code</td>
</tr>
<tr>
<td>19,32</td>
<td>Open flags.</td>
</tr>
</tbody>
</table>

Contact Officer
F.J.Taylor.
Bureau of Mineral Resources.
GPO Box 378.
Canberra A.C.T. 2601.
Telephone (062) 499111.
# INDEX OF SEISMIC SURVEYS BY GEOLOGICAL BASIN

<table>
<thead>
<tr>
<th>BASIN</th>
<th>SURVEY NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amadeus</td>
<td>49, 51, 55, 56, 58, 59, 96, 121</td>
</tr>
<tr>
<td>Bonaparte</td>
<td>28</td>
</tr>
<tr>
<td>Bowen</td>
<td>3, 37, 43, 99, 111, 112</td>
</tr>
<tr>
<td>Clarence-Moreton</td>
<td>120</td>
</tr>
<tr>
<td>Canning</td>
<td>8, 10, 12, 13, 14, 18, 19, 20, 21, 22, 23, 60</td>
</tr>
<tr>
<td>Carnarvon</td>
<td>4, 5, 6, 16, 65, 66, 68, 69</td>
</tr>
<tr>
<td>Carpentaria</td>
<td>35</td>
</tr>
<tr>
<td>Cooper</td>
<td>31, 32, 82</td>
</tr>
<tr>
<td>Eromanga</td>
<td>32, 38, 53, 62, 64, 77, 115, 116, 118, 120</td>
</tr>
<tr>
<td>Galilee</td>
<td>44, 102, 106, 108</td>
</tr>
<tr>
<td>Georgina</td>
<td>63, 64, 70, 71, 72, 75, 109</td>
</tr>
<tr>
<td>Gippsland</td>
<td>7, 11, 33, 36, 45, 47</td>
</tr>
<tr>
<td>Great Artesian</td>
<td>44, 61</td>
</tr>
<tr>
<td>McArthur</td>
<td>113</td>
</tr>
<tr>
<td>Murray</td>
<td>1, 46, 85, 105</td>
</tr>
<tr>
<td>Ngalia</td>
<td>79, 84, 97, 121</td>
</tr>
<tr>
<td>Officer</td>
<td>83, 103</td>
</tr>
<tr>
<td>Otway</td>
<td>29, 73, 74, 78</td>
</tr>
<tr>
<td>Perth</td>
<td>15, 24, 25, 26, 27, 67</td>
</tr>
<tr>
<td>Surat</td>
<td>2, 9, 34, 39, 40, 41, 42, 48, 54, 61, 80, 120, 122</td>
</tr>
<tr>
<td>Sydney</td>
<td>30, 54, 73, 74, 104</td>
</tr>
<tr>
<td>Undilla</td>
<td>52</td>
</tr>
</tbody>
</table>
## INDEX OF SEISMIC SURVEYS BY AUSTRALIAN STATES

<table>
<thead>
<tr>
<th>STATE</th>
<th>SURVEY NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD</td>
<td>2, 3, 9, 34, 35, 37, 38, 39, 40, 41, 42, 43, 44, 48, 52, 53, 61, 62, 63, 64, 70, 71, 72, 75, 77, 80, 99, 102, 106, 108, 109, 111, 112, 115, 116, 118, 120, 122</td>
</tr>
<tr>
<td>NSW</td>
<td>1, 30, 46, 54, 73, 74, 85, 100, 104, 105, 107, 110, 114</td>
</tr>
<tr>
<td>VIC</td>
<td>7, 11, 29, 33, 36, 45, 47, 78</td>
</tr>
<tr>
<td>SA</td>
<td>31, 32, 82, 83</td>
</tr>
<tr>
<td>WA</td>
<td>4, 5, 6, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 50, 57, 60, 65, 66, 67, 68, 69, 76, 81, 98, 103</td>
</tr>
<tr>
<td>NT</td>
<td>49, 51, 55, 56, 58, 59, 79, 84, 96, 97, 113, 121</td>
</tr>
<tr>
<td>ACT</td>
<td>95</td>
</tr>
</tbody>
</table>
INDEX OF SEISMIC SURVEYS BY GEOGRAPHICAL LOCATION

<table>
<thead>
<tr>
<th>LOCALITY</th>
<th>SURVEY NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avon</td>
<td>7</td>
</tr>
<tr>
<td>Antarctica</td>
<td>87,88,89,90,91,92,93,94,101</td>
</tr>
<tr>
<td>Amadeus Southern Margin</td>
<td>49</td>
</tr>
<tr>
<td>Alice Springs</td>
<td>58,59</td>
</tr>
<tr>
<td>Broome</td>
<td>12,21</td>
</tr>
<tr>
<td>Bullsbrook</td>
<td>67</td>
</tr>
<tr>
<td>Braidwood,Tidbinbilla</td>
<td>95,107</td>
</tr>
<tr>
<td>Bonaparte Gulf</td>
<td>28</td>
</tr>
<tr>
<td>Busselton</td>
<td>25</td>
</tr>
<tr>
<td>Comet</td>
<td>3</td>
</tr>
<tr>
<td>Carnarvon Basin</td>
<td>65,66,68,69</td>
</tr>
<tr>
<td>Central Eromanga Basin</td>
<td>115,116,118</td>
</tr>
<tr>
<td>Central Australia</td>
<td>121</td>
</tr>
<tr>
<td>Cockroach Bore</td>
<td>71,72</td>
</tr>
<tr>
<td>Cookernup</td>
<td>17,27</td>
</tr>
<tr>
<td>Cooroorah Anticline</td>
<td>37</td>
</tr>
<tr>
<td>Carpentaria Basin</td>
<td>35</td>
</tr>
<tr>
<td>Christmas Creek</td>
<td>18</td>
</tr>
<tr>
<td>Darriman</td>
<td>11</td>
</tr>
<tr>
<td>Denison Trough</td>
<td>111,112</td>
</tr>
<tr>
<td>East Otway Basin</td>
<td>78</td>
</tr>
<tr>
<td>Emerald</td>
<td>43</td>
</tr>
<tr>
<td>Flinders River</td>
<td>77</td>
</tr>
<tr>
<td>Fenton</td>
<td>19</td>
</tr>
<tr>
<td>Giralia,Bullara</td>
<td>5,6</td>
</tr>
<tr>
<td>Gunday Plains</td>
<td>110,114</td>
</tr>
<tr>
<td>Galilee Basin</td>
<td>102,106,108</td>
</tr>
<tr>
<td>Goulburn Valley</td>
<td>105</td>
</tr>
<tr>
<td>Geotraverse</td>
<td>98</td>
</tr>
<tr>
<td>Gingin</td>
<td>15</td>
</tr>
<tr>
<td>Goondiwindi</td>
<td>48</td>
</tr>
<tr>
<td>Giles,Carnegie</td>
<td>5057</td>
</tr>
<tr>
<td>Gosses Bluff</td>
<td>55,96</td>
</tr>
<tr>
<td>Heywood</td>
<td>29</td>
</tr>
<tr>
<td>Haddons Downs</td>
<td>32</td>
</tr>
<tr>
<td>Jervis Bay</td>
<td>104</td>
</tr>
<tr>
<td>Latrobe Valley</td>
<td>33,36</td>
</tr>
<tr>
<td>Langey's Crossing</td>
<td>20</td>
</tr>
<tr>
<td>La Grange</td>
<td>22</td>
</tr>
<tr>
<td>Millmerran</td>
<td>122</td>
</tr>
<tr>
<td>McArthur Basin</td>
<td>113</td>
</tr>
<tr>
<td>Maralinga</td>
<td>83</td>
</tr>
<tr>
<td>Moura</td>
<td>99</td>
</tr>
<tr>
<td>Merbein,Broken Hill</td>
<td>85</td>
</tr>
<tr>
<td>Myroodah</td>
<td>14</td>
</tr>
<tr>
<td>Moree</td>
<td>54</td>
</tr>
<tr>
<td>Murray Basin</td>
<td>46</td>
</tr>
<tr>
<td>Northwest Cape</td>
<td>4</td>
</tr>
<tr>
<td>Nerrima Dome</td>
<td>8</td>
</tr>
<tr>
<td>New Guinea</td>
<td>117</td>
</tr>
<tr>
<td>LOCALITY</td>
<td>SURVEY NUMBER</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Ngalia Basin</td>
<td>79, 84, 97</td>
</tr>
<tr>
<td>Nerrima No.1</td>
<td>23</td>
</tr>
<tr>
<td>Oaklands, Coorabin</td>
<td>1</td>
</tr>
<tr>
<td>Officer Basin</td>
<td>103</td>
</tr>
<tr>
<td>Otaway and Sydney Basins</td>
<td>73, 74</td>
</tr>
<tr>
<td>Oodnadatta</td>
<td>31</td>
</tr>
<tr>
<td>Ooraminna</td>
<td>56</td>
</tr>
<tr>
<td>Poole Range, Prices Creek</td>
<td>10</td>
</tr>
<tr>
<td>Poole Range, Christmas Creek</td>
<td>13, 60</td>
</tr>
<tr>
<td>Pickanjinnie No.1</td>
<td>42</td>
</tr>
<tr>
<td>Palm Valley, Hermannburg</td>
<td>51</td>
</tr>
<tr>
<td>Quilpie-Eromanga</td>
<td>38</td>
</tr>
<tr>
<td>Roma</td>
<td>2, 9, 80</td>
</tr>
<tr>
<td>Rough Range No.1</td>
<td>16</td>
</tr>
<tr>
<td>Rosedale No.1</td>
<td>45, 47</td>
</tr>
<tr>
<td>Rockingham, Mundijong</td>
<td>26</td>
</tr>
<tr>
<td>St. George, Eulo</td>
<td>61</td>
</tr>
<tr>
<td>SE Georgina Basin</td>
<td>63, 70, 71, 75, 109</td>
</tr>
<tr>
<td>SE Queensland</td>
<td>120</td>
</tr>
<tr>
<td>Sydney Basin</td>
<td>30</td>
</tr>
<tr>
<td>Surat</td>
<td>34, 39, 40</td>
</tr>
<tr>
<td>Thargomindah, Noccundra</td>
<td>62, 64</td>
</tr>
<tr>
<td>Timor Sea</td>
<td>76, 81, 86</td>
</tr>
<tr>
<td>Timbury Hills No.2</td>
<td>41</td>
</tr>
<tr>
<td>Undilla Basin</td>
<td>52</td>
</tr>
<tr>
<td>Woomera</td>
<td>82</td>
</tr>
<tr>
<td>Winton</td>
<td>44</td>
</tr>
<tr>
<td>Westbourne, Tambo</td>
<td>53</td>
</tr>
<tr>
<td>Wandagee</td>
<td>24</td>
</tr>
</tbody>
</table>
  Gravity and Seismic Refraction.

SURVEY NUMBER: 1

BASIN: Murray

MAP SHEETS: 1:250000
  Jerilderie, Wagga Wagga.

LOCATION:
  W.Longitude 146.0
  E.Longitude 146.5
  N.Latitude 35.0
  S.Latitude 36.0

TRAVERSES:
  Refraction.

EQUIPMENT:
  Amplifiers Heiland, 12 channel
  Magnetic Tape none
  Geophones Apache

FORMAT:
  Monitor records only.

PARAMETERS:
  Low-cut filter not stated
  High-cut filter not stated
  Charge size 5-50 lbs. (GEOPHEX)
  Shot Hole Depth 80 feet.

GEOMETRY:
  Spread 11550 feet
  Geophone spacing 150 feet
  Geophone pattern single
  CDP fold single

DATA:
  Tape Boxes
  None
  Record Boxes
  1-RB1 to 1-RB3 continuous.
  Data Sheet Boxes
  SURVEY 1-1
  Cylinders
  None

RESULTS:
  Drawing Office Numbers
  G46-7 to G46-14 inclusive

  Publications
  Thyer R.F and Vale K.R.
  Geophysical Survey, Oaklands-Coorabin Coalfield.

STORAGE:
  Australian Archives (BMR file 1981-142)
  Tape Boxes A1725
  Record Boxes A1724
  Data Sheet Boxes A5692

PEDIN:
  Unique Survey Number R2490008, G2490008
  Date of Entry June 1986.
**PROJECT**: Roma, 1949-1950.

**SURVEY NUMBER**: 2

**BASIN**: Surat

**MAP SHEETS**: 1:250000: SG/55-07, SG/55-08, SG/55-11, SG/55-12

**LOCATION**: Eddystone, Taroom, Mitchell, Roma.

**TRAVERSES**: A, B, C, D, E, F, G, H, I, J, K

**EQUIPMENT**:
- Amplifiers: Heiland, 12 channel
- Magnetic Tape: none
- Geophones: Apache

**FORMAT**:
- Monitor records only.

**PARAMETERS**:
- Low-cut filter: not stated
- High-cut filter: not stated
- Charge size: 5 to 10 lbs. (GEOPHEX)
- Shot Hole Depth: 80-150 feet.

**GEOMETRY**:
- Spread: 1320-0-1320 feet (split).
- Geophone spacing: 110 feet.
- Geophone pattern: 12 in line 10 ft apart.
- CDP fold: single

**DATA**:
- Tape Boxes: None
- Record Boxes: 2-RB4 to 2-RB18 continuous.
- Data Sheet Boxes: SURVEY 2-1
- Cylinders: None

**RESULTS**:
- Drawing Office Numbers
- Publications

**Dooley J.C.**
Seismic reflection survey at Roma, Queensland.
Bureau of Mineral Resources, Australia, Report 16

**Dooley J.C.**
Preliminary report on seismic survey at Roma, Qld.
Bureau of Mineral Resources, Australia, Record 51/23

**STORAGE**:
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
- Data Sheet Boxes: A5692

**PEDIN**:
- Unique Survey Number: S4490009
- Date of Entry: June 1986.
PROJECT: Comet Refraction, 1951.
SURVEY NUMBER: 3
BASIN: Bowen
MAP SHEETS: 1:250000
SF/55-15
Emerald

LOCATION:
W. Longitude: 148.25
E. Longitude: 148.5
N. Latitude: 23.5
S. Latitude: 24.0

TRAVERSES:

EQUIPMENT:
- Amplifiers: Not stated
- Magnetic Tape: none
- Geophones: Not stated

FORMAT:
- Monitor records only.

PARAMETERS:
- Low-cut filter: Not stated
- High-cut filter: Not stated
- Charge size: Not stated. (GEOPHEX)
- Shot Hole Depth: 54 to 80 feet.

GEOMETRY:
- Spread: Not stated
- Geophone spacing: 200 feet
- Geophone pattern: Not stated
- CDP fold: single

DATA:
- Tape Boxes: None
- Record Boxes: 3-RB59
- Data Sheet Boxes: SURVEY 3-1
- Cylinders: None

RESULTS:
- Drawing Office Numbers: G102-1
- Publications: Smith E.R.
  Report on seismic refraction traverse at Comet, Queensland.
  Bureau of Mineral Resources, Australia, Record 51/9

STORAGE:
- Australian Archives (BMR file 1981-142)
  Tape Boxes: A1725
  Record Boxes: A1724
  Data Sheet Boxes: A5692

PEDIN:
- Unique Survey Number: R4510011
- Date of Entry: June 1986.
SURVEY NUMBER: 4
BASIN: Carnarvon
MAP SHEETS: 1:250000

LOCATION:
W. Longitude: 148.8
E. Longitude: 148.9
N. Latitude: 26.4
S. Latitude: 26.7

TRAVERSES: A, C

EQUIPMENT:
Amplifiers: Abem
Magnetic Tape: None
Geophones: Monitor records only.
Low-cut filter
High-cut filter
Charge size: 1 lbs. (GEOPHEX)
Shot Hole Depth: feet.

FORMAT:
PARAMETERS:

GEOMETRY:
Spread: 1320 feet (split).
Geophone spacing: 110 feet
Geophone pattern: Single
CDP fold: single

DATA:
Tape Boxes: None
Record Boxes: 4-RB19 and 4-RB20
Data Sheet Boxes: SURVEY 4-1
Cylinders: None

RESULTS:
Drawing Office Numbers
Publications
Chamberlain N.G. Dooley J. Vale K.R.
Geophysical exploration in the Carnarvon (N.W.) Basin, W.A.
Bureau of Mineral Resources, Australia, Record 54/44

STORAGE:
Australian Archives (BMR file 1981-142)
Tape Boxes: A1725
Record Boxes: A1724
Data Sheet Boxes: A5692

PEDIN:
Unique Survey Number: S6510012
Date of Entry: June 1986.
SURVEY NUMBER: 5
BASIN: Carnarvon
MAP SHEETS: 1:250000

LOCATION:
- W. Longitude: 114.0
- E. Longitude: 114.5
- N. Latitude: 22.5
- S. Latitude: 22.75

TRAVERSES: A

EQUIPMENT:
- Amplifiers: not stated
- Magnetic Tape: none
- Geophones: not stated

FORMAT:
- Monitor records only.

PARAMETERS:
- Low-cut filter: not stated
- High-cut filter: not stated
- Charge size: not stated
- Shot Hole Depth: not stated

GEOMETRY:
- Spread: not stated
- Geophone spacing: not stated
- Geophone pattern: not stated
- CDP fold: single

DATA:
- Tape Boxes: None
- Record Boxes: 5-RB21 to 5-RB28 continuous, 5-RB36.
- Data Sheet Boxes: SURVEY 5-1 to 5-3.
- Cylinders: None

RESULTS:
- Publications: Vale K.R.

Report on Giralia-Bullara seismic reflection traverse,
Western Australia.
Bureau of Mineral Resources, Australia, Record 51/62

STORAGE:
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692

PEPIN:
- Unique Survey Number: S6510013
- Date of Entry: June 1986
SURVEY NUMBER: 6
BASIN: Carnarvon
MAP SHEETS: 1:250000
: SF/49-09, SF/49-16
: Yanrey, Minilya.
LOCATION:
: W. Longitude 113.5
: E. Longitude 114.0
: N. Latitude 23.0
: S.Latitude 23.75

TRAVERSES: C, A

EQUIPMENT:
: Amplifiers not stated.
: Magnetic Tape none
: Geophones not stated.

FORMAT:
: Monitor records only.

PARAMETERS:
: Low-cut filter not stated.
: High-cut filter not stated.
: Charge size not stated.
: Shot Hole Depth air shooting.

GEOMETRY:
: Spread not stated.
: Geophone spacing not stated.
: Geophone pattern not stated.
: CDP Fold single

DATA:
: Tape Boxes
: None
: Record Boxes
: 6-RB29 to 6-RB36 continuous.
: Data Sheet Boxes
: None
: Cylinders
: None

RESULTS:
: Drawing Office Numbers
: G98-21, G98-22
: Publications
Smith E.R.
Report on seismic reflection, traverse "C",
Giralia Anticline, Western Australia.
Bureau of Mineral Resources, Australia, Record 54/67

STORAGE:
: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN:
: Unique Survey Number S6510014
: Date of Entry 3-7-1986
SURVEY NUMBER: 7
BASIN: Gippsland
MAP SHEETS: 1:250000, SJ/55-11, Sale
LOCATION: W. Longitude 147.5, E. Longitude 148.0, N. Latitude 38.5, S. Latitude 38.75
TRAVERSES: 
EQUIPMENT: Amplifiers not stated, Magnetic Tape none, Geophones not stated
FORMAT: Monitor records only
PARAMETERS: Low cut filter not stated, High cut filter not stated, Charge size not stated. (GEOPHEX) Shot Hole Depth 100 feet.
GEOMETRY: Spread 1320-0-1320 feet (split), Geophone spacing 110 feet, Geophone pattern single, CDP fold single
DATA: Tape Boxes None, Record Boxes 7-RB37 and 7-RB38, Data Sheet Boxes SURVEY 7-1, Cylinders None
RESULTS: Drawing Office Numbers G93-7, G93-8, Publications
Vale K.R.
  Preliminary report on seismic reflection survey, Avon area, Gippsland, Victoria,
  Bureau of Mineral Resources, Australia, Record 52/35
STORAGE: Australian Archives (BMR file 1981-142)
  Tape Boxes A1725
  Record Boxes A1724
  Data Sheet Boxes A5692
PEDIN: Unique Survey Number S3520010, Date of Entry July 1986
### PROJECT

### BASIN
Canning Basin

### MAP SHEETS
1:250000, SE/51-11, SE/51-12.

### LOCATION
W. Longitude 124.25
E. Longitude 125.0
N. Latitude 18.25
S. Latitude 18.75

### TRAVERSES
D, E, F, G, H, I, J, K, L

### EQUIPMENT
- Amplifiers: not stated.
- Magnetic Tape: none
- Geophones: not stated.

### FORMAT
- Monitor records only.

### PARAMETERS
- Low-cut filter: not stated.
- High-cut filter: not stated.
- Charge size: not stated. (GEOPHEX)
- Shot Hole Depth: not stated.

### GEOMETRY
- Spread: not stated
- Geophone spacing: not stated
- Geophone pattern: not stated.
- CDP fold: single

### DATA
- Tape Boxes: None
- Record Boxes: 8-RB39 to 8-RB53 continuous.
- Data Sheet Boxes: SURVEY 8-1 and 8-2.
- Cylinders: None

### RESULTS
  Seismic survey of the Nerrima Dome, Kimberley Division, Western Australia.
  Bureau of Mineral Resources, Australia, Record 53/72

### STORAGE
- Tape Boxes: A1725
- Record Boxes: A1724
- Data Sheet Boxes: A5692

### PEDIN
- Unique Survey Number: S6520011
- Date of Entry: July 1986
SURVEY NUMBER: 9
BASIN: Surat
MAP SHEETS: 1:250,000
: SG/55-12 : Roma
LOCATION: W. Longitude 148.5
: E. Longitude 149.0
: N. Latitude 26.25
: S. Latitude 26.75
TRAVERSEs: 1A, 1B, 1C, 2, 3, 4, 5, 6
EQUIPMENT: Amplifiers: ABEM 24 channel
: Magnetic Tape: none
: Geophones: not stated
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter: not stated
: High-cut filter: not stated
: Charge size: not stated. (GEOPHEX)
: Shot Hole Depth: 70 feet
GEOMETRY: Spread: 1320-0-1320 feet (split).
: Geophone spacing: 110 feet
: Geophone pattern: single
: CDP fold: single
DATA: Tape Boxes: None
: Record Boxes: none
: 9-RB54 to 9-RB58 continuous.
: Data Sheet Boxes: SURVEY 9-1
: Cylinders: None
RESULTS: Drawing Office Numbers
: Publications
Williams L.W.
Seismic reflection survey at Roma, Queensland, 1952-53.
Bureau of Mineral Resources, Australia, Report 23
Williams L.W.
Bureau of Mineral Resources, Australia, Record 54/15
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes: A1725
: Record Boxes: A1724
: Data Sheet Boxes: A5692
PEDIN: Unique Survey Number: S4520012
: Date of Entry: July 1986
PROJECT: Poole Range-Prices Creek area, W.A., 1953.
SURVEY NUMBER: 10
BASIN: Canning
MAP SHEETS: 1:250,000
: SE-51-11, SE-51-12
: Mt. Anderson, Noonkanbah
LOCATION: W. Longitude 125.5
: E. Longitude 126.0
: N. Latitude 18.5
: S. Latitude 19.0
TRAVERSES: A, T, Z
EQUIPMENT: Amplifiers Swedish Electrical, 24 channel
: Magnetic Tape None
: Geophones not stated
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter not stated.
: High-cut filter not stated.
: Charge size not stated. (GEOPHEX)
: Shot Hole Depth not stated.
GEOMETRY: Spread not stated.
: Geophone spacing not stated.
: Geophone pattern not stated.
: CDP fold single
DATA: Tape Boxes
: None
: Record Boxes
: 10-RB423 to 10-RB429 continuous.
: Data Sheet Boxes
: SURVEY 10-1
: Cylinders
: None
RESULTS: Drawing Office Numbers
: G149-1, G149-2, G115-41, G115-42
: Publications
Smith E.R.
Progress report on a seismic survey of the Poole Range-Prices Creek area, Kimberley Division, Western Australia.
Bureau of Mineral Resources, Australia, Record 55/35

STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN: Unique Survey Number S6530016
: Date of Entry July 1986
SURVEY NUMBER: 11
BASIN: Gippsland
MAP SHEETS: 1:250000
: SJ/55-11
: Sale
LOCATION:
: W. Longitude 148.25
: E. Longitude 148.5
: N. Latitude 38.5
: S. Latitude 39.0

TRAVERSES:

EQUIPMENT:
: Amplifiers TIC 521 24 channel
: Magnetic Tape none
: Geophones not stated

FORMAT:
: Monitor records only.

PARAMETERS:
: Low-cut filter 20Hz
: High-cut filter 70Hz.
: Charge size not stated. (GEOPHEX)
: Shot Hole Depth not stated

GEOMETRY:
: Spread 1320-0-1320feet (split).
: Geophone spacing 110feet.
: Geophone pattern 4 in line 5ft apart
: 2 in line 10 ft apart
: CDP fold single

DATA:
: Tape Boxes
: None
: Record Boxes
: 11-RB60 to 11-RB64 continuous.
: Data Sheet Boxes
: SURVEY 11-1
: Cylinders
: None

RESULTS:
: Drawing Office Numbers
: Publications

Garrett M.J.
Seismic reflection survey, Darriman, Gippsland, Victoria.
Bureau of Mineral Resources, Australia, Report 19

Garrett M.J.
Seismic reflection survey, Darriman, Gippsland, Victoria.
Bureau of Mineral Resources, Australia, Record 1954-40

STORAGE:
: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN:
: Unique Survey Number S3540015
: Date of Entry July 1986
SURVEY NUMBER: 12
BASIN: Canning
MAP SHEETS: 1:250000
: SE-51-06
: Broome
LOCATION: W.Longitude 121.5
: E.Longitude 122.0
: N.Latitude 17.5
: S.Latitude 18.0
TRAVERSES: A, B, C, D, E
EQUIPMENT: Amplifiers TIC 521, 24 channel.
: Magnetic Tape None
: Geophones TIC 20 hz
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter not stated.
: High-cut filter not stated.
: Charge size not stated. (GEOPHEX)
: Shot Hole Depth not stated.
GEOMETRY: Spread 1320-0-1320 feet (split)
: Geophone spacing 110 feet.
: Geophone pattern 4 in line 5 feet apart.
: CDP fold single
DATA: Tape Boxes None
: Record Boxes 12-RB65
: Data Sheet Boxes SURVEY 12-1
: Cylinders None
RESULTS: Drawing Office Numbers
: G178-2 to G178-9
: Publications
Vale K.R., Williams L.W.
Preliminary seismic reflection investigation, Broome area,
Kimberley Division, Western Australia.
Bureau of Mineral Resources, Australia, Record 55/112
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN: Unique Survey Number S6540016
: Date of Entry July 1986
**PROJECT**: Poole Range-Christmas Creek, W.A., 1954.

**SURVEY NUMBER**: 13

**BASIN**: Canning

**MAP SHEETS**: 1:250,000

**LOCATION**
- W. Longitude: 125.3
- E. Longitude: 126.0
- N. Latitude: 18.5
- S. Latitude: 19.0

**TRAVERSES**: 1, 2, 2X, 3X, 4

**EQUIPMENT**
- Amplifiers
- Magnetic Tape
- Geophones
- Monitor records
- Low-cut filter
- High-cut filter
- Charge size
- Shot Hole Depth

**FORMAT**
- TIC 521, 24 channel.
- Magnetic Tape
- TIC 20Hz.
- Monitor records only.

**PARAMETERS**
- Spread: 1320-0-1320 feet (split).
- Geophone spacing: 110 feet.
- Geophone pattern: 4 in line 5 feet apart.
- CDP fold: single

**GEOMETRY**
- Tape Boxes: None
- Record Boxes: 13-RB66 and 13-RB67
- Data Sheet Boxes: SURVEY 13-1
- Cylinders: None

**DATA**
- Drawing Office Numbers
  - G149-5
  - G149-7 to G149-10

**RESULTS**
- Publications
  - Williams L.W.
  - Seismic reflection survey in the Poole Range-Christmas Creek area, Kimberley Division, Western Australia.
  - Bureau of Mineral Resources, Australia, Record 56/66

**Smith E.R.**
- Progress report on a seismic survey of the Poole Range-Prices Creek Area, Kimberley Division, Western Australia.
- Bureau of Mineral Resources, Australia, Record 55/35

**STORAGE**
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692

**PEDIN**
- Unique Survey Number: S6540017
- Date of Entry: July 1986
SURVEY NUMBER: 14
BASIN: Canning Basin
MAP SHEETS: 1:250000
LOCATION: Mt Anderson

- W. Longitude: 124.0
- E. Longitude: 124.5
- N. Latitude: 18.0
- S. Latitude: 18.25

TRAVERSES: A

EQUIPMENT:
- Amplifiers: TIC 521, 24 channel.
- Magnetic Tape: none
- Geophones: TIC 20 hz.
- Monitor records: only.

PARAMETERS:
- Low-cut filter: not stated.
- High-cut filter: not stated.
- Charge size: not stated. (GEOPHEX)
- Shot Hole Depth: 80 to 130 feet.

GEOMETRY:
- Spread: 1320-0-1320 feet (split).
- Geophone spacing: 110 feet.
- Geophone pattern: 4 in line 5 feet apart.
- CDP fold: single

DATA:
- Tape Boxes: none
- Record Boxes: 14-RB68 and 14-RB69
- Data Sheet Boxes: SURVEY 14-1
- Cylinders: none

RESULTS:
- Publications: Williams L.W.
  Seismic reflection survey over Deep Well anticline, Myroodah, Kimberley Division, Western Australia. Bureau of Mineral Resources, Australia, Record 55/110

STORAGE:
- Australian Archives (BMR file 1981-142):
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692

PEDIN:
- Unique Survey Number: S6540018
- Date of Entry: July 1986
SURVEY NUMBER: 15
BASIN: Perth
MAP SHEETS: 1:250000
: SH/50-14
: Perth
LOCATION: W.Longitude 115.5
: E.Longitude 116.25
: N.Latitude 31.0
: S.Latitude 31.25
TRAVERSES: A, C, D, E
EQUIPMENT: Amplifiers TIC 521, 24 channel.
: Magnetic Tape none
: Geophones TIC 20 hz.
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter 20Hz to 23Hz.
: High-cut filter 50Hz to 65Hz.
: Charge size not stated. (GEOPHEX)
: Shot Hole Depth not stated.
GEOMETRY: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 4 in line 5 feet apart.
: CDP fold single
DATA: Tape Boxes
: None
: Record Boxes
: 15-RB70 to 15-RB74 continuous.
: Data Sheet Boxes
: SURVEY 15-1
: Cylinders
: None
RESULTS: Drawing Office Numbers
: H50-B3-29 to H50-B3-40.
: GI93-1 to GI93-6.
: Publications
Vale K.R.
Bureau of Mineral Resources, Australia, Record 66/149
Vale K.R.
Preliminary report on a seismic reflection traverse across the Perth Basin at Gingin, W.A.
Bureau of Mineral Resources, Australia, Record 56/26
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number S6550031
: Date of Entry July 1986
SURVEY NUMBER: 16
BASIN: Carnarvon
MAP SHEETS: 1:250000
: SF-49-12
: Ningaloo
LOCATION: W.Longitude 113.5
: E.Longitude 114.25
: N.Latitude 22.0
: S.Latitude 22.75
TRAVERSES: Well Velocity Survey.
EQUIPMENT: Amplifiers Heiland 12 channel.
: Magnetic Tape none
: Geophones TIC 3D well geophone.
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter not relevant.
: High-cut filter not relevant.
: Charge size not relevant.
: Shot Hole Depth not relevant.
GEOMETRY: Spread not relevant.
: Geophone spacing not relevant.
: Geophone pattern not relevant.
: CDP fold not relevant.
DATA: Tape Boxes: None
: Record Boxes: 16-RB75
: Data Sheet Boxes: None
: Cylinders: None
RESULTS: Drawing Office Numbers
: G98-30, G98-31
: Publications

Smith E.R.
Seismic velocity survey in Rough Range No. 1 Well,
Western Australia.
Bureau of Mineral Resources, Australia, Record 55/89

Dooley J.C. Everingham I.B.
Detailed gravity survey of Rough Range Anticline near
Learmonth W.A.
Bureau of Mineral Resources, Australia, Report 43

STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN: Unique Survey Number S6550032
: Date of Entry July 1986
SURVEY NUMBER : 17

PEDIN : Unique Survey Number S6560020
: Date of Entry July 1986
SURVEY NUMBER : 18
BASIN : Canning
MAP SHEETS : 1:250000
: SE-51-06, SE-51-07, SE-51-10, SE-51-11
: Broome, Derby, LaGrange, Mt. Anderson.
LOCATION : W. Longitude 121.5
: E. Longitude 124.5
: N. Latitude 17.0
: S. Latitude 19.0
TRAVERSES : 0

EQUIPMENT : Amplifiers
: Magnetic Tape
: Geophones
: Monitor records
: Low-cut filter
: High-cut filter
: Charge size
: Shot Hole Depth
FORMAT : TIC 521, 24 channel.
: None
: TIC 20 hz.
PARAMETERS : Monitor records only.
: Low-cut filter not stated
: High-cut filter not stated
: Charge size not stated
: Shot Hole Depth not stated
GEOMETRY : Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 4 in line 5 feet apart.
: CDP fold single
DATA : Tape Boxes
: None
: Record Boxes
: 18-RB430
: Data Sheet Boxes
: SURVEY 18-1
: Cylinders
: None

RESULTS : Drawing Office Numbers
: G149-11, G149-12, G149-13, G149-17.
: Publications
Smith E.R.
Seismic refraction traverse in the Christmas Creek area,
Kimberley Western Australia.
Bureau of Mineral Resources, Australia, Record 57/37

STORAGE : Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN : Unique Survey Number R6550033
: Date of Entry July 1986
**PROJECT**

**SURVEY NUMBER**
19

**BASIN**
Canning

**MAP SHEETS**
1:250000
SE/51-06, SE/51-07, SE/51-10, SE/51-11
Broome, Derby, LaGrange, Mt Anderson.

**LOCATION**
W. Longitude 123.5
E. Longitude 124.25
N. Latitude 18.0
S. Latitude 18.75

**TRAVERSES**
A, B, C, D

**EQUIPMENT**
Amplifiers TIC 521, 24 channel.
Magnetic Tape none
Geophones not stated.

**FORMAT**
Monitor records only.

**PARAMETERS**
Low-cut filter not stated.
High-cut filter not stated.
Charge size not stated. (GEOPHEX)
Shot Hole Depth not stated.

**GEOMETRY**
Spread 1320-0-1320 feet (split)
Geophone spacing 110 feet
Geophone pattern 4 in line 5 feet apart.
CDP fold single

**DATA**
Tape Boxes None
Record Boxes 19-RB79 and 19-RB80
Data Sheet Boxes SURVEY 19-1
Cylinders None

**RESULTS**
Drawing Office Numbers G258-1 to G258-6
Publications Vale K.R., Smith E.R.
A seismic investigation of the Fenton Fault at Barnes Flow, Canning - Fitzroy Basins, Kimberley Division, Western Australia.
Bureau of Mineral Resources, Australia, Record 59/63

**STORAGE**
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

**PEDIN**
Unique Survey Number S6550034
Date of Entry July 1986
**SURVEY NUMBER**: 20
**BASIN**: Canning
**MAP SHEETS**: 1:250000
: SE-51-07
: Derby

**LOCATION**

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**TRAVERSES**: A

**EQUIPMENT**

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**GEOMETRY**

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<td>Cylinders</td>
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**RESULTS**

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**Publications**

Vale K.R. Smith E.R.
Seismic reflection traverse west of Langey's Crossing, Kimberley Division, W.A.
Bureau of Mineral Resources, Australia, Record 56/112

**STORAGE**

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**PEDIN**

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<td>Smith E.R.</td>
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<tr>
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<td>Date of Entry July 1986</td>
</tr>
</tbody>
</table>
SURVEY NUMBER: 22
BASIN: Canning
MAP SHEETS: 1:250000
: SE/51-10
: La Grange
LOCATION: W.Longitude 122.0
: E.Longitude 123.0
: N.Latitude 18.5
: S.Latitude 19.0
TRAVERSES: A, B, C
EQUIPMENT: Amplifiers: TIC 521, 24 channel.
: Magnetic Tape: none
: Geophones: TIC
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter: not stated.
: High-cut filter: not stated.
: Charge size: not stated. (GEOPHEX)
: Shot Hole Depth: not stated.
GEOMETRY: Spread: 1320-0-1320 feet (split).
: Geophone spacing: 110 feet.
: Geophone pattern: 4 in line 5 feet apart.
: CDP fold: single
DATA: Tape Boxes: None
: Record Boxes: 22-RB85
: Data Sheet Boxes: SURVEY 22-1
: Cylinders: None
RESULTS: Drawing Office Numbers: G115-203 to G115-208
: Publications
Smith E.R.: La Grange, seismic reflection survey, Western Australia 1955
Bureau of Mineral Resources, Australia, Record 60/49
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes: A1725
: Record Boxes: A1724
: Data Sheet Boxes: A5692
PEDIN: Unique Survey Number: S6550037
: Date of Entry: July 1986
SURVEY NUMBER: 23
BASIN: Canning
MAP SHEETS: 1:250000
: SE-51-04, SE-51-12
: Mount Anderson, Noonkanbah.
LOCATION:
: W. Longitude 124.0
: E. Longitude 124.75
: N. Latitude 18.0
: S. Latitude 18.5
TRAVERSES: Well Velocity Survey.
EQUIPMENT:
: Amplifiers: Schlumberger logger.
: Magnetic Tape: none
: Geophones: TIC 3D well-geophone.
FORMAT: Monitor records only.
PARAMETERS:
: Low-cut filter: not relevant.
: High-cut filter: not relevant.
: Charge size: not relevant.
: Shot Hole Depth: not relevant.
GEOMETRY:
: Spread: not relevant.
: Geophone spacing: not relevant.
: Geophone pattern: not relevant.
: CDP fold: not relevant.
DATA:
: Tape Boxes: None
: Record Boxes: 23-RB086
: Data Sheet Boxes: None
: Cylinders: None
RESULTS:
: Drawing Office Numbers
  G132-3-1, G132-6 to G132-15
: Publications
  Smith E.R.
  Nerrima No. 1 bore seismic velocity survey,
  Western Australia 1955.
  Bureau of Mineral Resources, Australia, Record 62/65
STORAGE:
: Australian Archives (BMR file 1981-142)
  Tape Boxes: A1725
  Record Boxes: A1724
  Data Sheet Boxes: A5692
PEDIN:
: Unique Survey Number: S6550038
: Date of Entry: July 1986
SURVEY NUMBER : 24
BASIN : Carnarvon
MAP SHEETS : 1:250000
 : SF/50-13
 : Winning Pool
LOCATION : W.Longitude 114.25
 : E.Longitude 115.0
 : N.Latitude 23.75
 : S.Latitude 24.0
TRAVERSES : A,B,C,D
EQUIPMENT : Amplifiers SF/50-13
 : Magnetic Tape none
 : Geophones TIC 521, 24 channel.
 : Monitor records only.
 : Low-cut filter not stated.
 : High-cut filter not stated.
 : Charge size not stated. (GEOPHEX)
 : Shot Hole Depth not stated.
FORMAT
PARAMETERS
GEOMETRY : Spread 1320-0-1320 feet (split)
 : Geophone spacing 110 feet
 : Geophone pattern 4 in line 5 feet apart.
 : CDP fold single
DATA
 : Tape Boxes
 : None
 : Record Boxes
 : 24-RB87 to 24-RB89 continuous.
 : Data Sheet Boxes
 : SURVEY 24-1
 : Cylinders
 : None
RESULTS
 : Drawing Office Numbers
 : Publications
Smith E.R.
Wandagee Hill-Middalya seismic reflection survey,
Western Australia 1955.
Bureau of Mineral Resources, Australia, Record 62/117
STORAGE : Australian Archives (BMR file 1981-142)
 : Tape Boxes A1725
 : Record Boxes A1724
 : Data Sheet Boxes A5692
PEDIN : Unique Survey Number S6550039
 : Date of Entry July 1986
SURVEY NUMBER: 25
BASIN: Perth
MAP SHEETS: 1:250000
: SI/50-05, SI/50-06
LOCATION: W. Longitude 115.0
: E. Longitude 116.0
: N. Latitude 33.5
: S. Latitude 33.75
TRAVERSES: A, B, C
EQUIPMENT: Amplifiers TIC 521, 24 channel.
: Magnetic Tape None
: Geophones TIC 20 Hz.
FORMAT: Monitor records only.
: Low-cut filter not stated.
: High-cut filter not stated.
: Charge size 5 to 10 lbs. (GEOPHEX)
: Shot Hole Depth 65 to 100 feet.
GEOMETRY: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 4 in line 5 feet apart.
: CDP fold single
DATA: Tape Boxes
: None
: Record Boxes
: 25-RB90 to 25-RB94 continuous.
: Data Sheet Boxes
: SURVEY 25-1
: Cylinders
: 70
RESULTS: Drawing Office Numbers
: G193-54 to G193-56
Publications
Lodwick K.B.
Busselton seismic reflection survey,
Western Australia 1956.
Bureau of Mineral Resources, Australia, Record 62/108
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN: Unique Survey Number S6560021
: Date of Entry July 1986
SURVEY NUMBER: 26
BASIN: Perth
MAP SHEETS: 1:250000
SI/50-02
Pinjarra
LOCATION: W.Longitude 115.75
E.Longitude 116.0
N.Latitude 32.25
S.Latitude 32.5
TRAVERSES: A, B, C, D, E
EQUIPMENT: Amplifiers TIC 521, 24 channel.
Magnetic Tape None
Geophones TIC 20 Hz.
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter 28 Hz
High-cut filter 65 Hz
Charge size 10 to 15 lbs. (GEOPHEX)
Shot Hole Depth 75 feet.
GEOMETRY: Spread 1320-0-1320 feet (split).
Geophone spacing 110 feet.
Geophone pattern 4 in line 5 feet apart.
CDP fold single
DATA: Tape Boxes
None
Record Boxes
26-RB95 and 26-RB96
Data Sheet Boxes
SURVEY 26-1
Cylinders
70
RESULTS: Drawing Office Numbers
G193-53 to G193-62
Publications
Moss F.J.
Rockingham/Mundijong seismic survey,
Western Australia 1956.
Bureau of Mineral Resources, Australia, Record 62/107
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number S6560022
Date of Entry July 1986
SURVEY NUMBER: 27 (includes Survey 17)
BASIN: Perth
MAP SHEETS: 1:250000
: SI/50-06
: Collie
LOCATION: W. Longitude 115.5
: E. Longitude 116.0
: N. Latitude 32.75
: S. Latitude 33.25

TRAVERSES: A, B, C, D, E, F, G, H, I, J, K

EQUIPMENT: Amplifiers TIC 521, 24 channel.
: Magnetic Tape None
: Geophones TIC 20Hz.

FORMAT:

PARAMETERS:
: Low-cut filter 20Hz and 28Hz.
: High-cut filter 65Hz.
: Charge size 10 to 15 lbs. (GEOPHEX)
: Shot Hole Depth 30 and 70 feet.

GEOMETRY:
: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 4 in line 5 feet apart.
: CDP fold single

DATA:
: Tape Boxes None
: Record Boxes 27-RB76 to 27-RB78 continuous.
: Data Sheet Boxes SURVEY 27-1
: Cylinders None

RESULTS:
: Drawing Office Numbers G193-29 to G193-38, G193-40, G193-41
: G193-73, G193-74, G193-40-1

Publications
Vale K. R. Moss F. J.
Cookernup seismic survey, Western Australia 1955-56.
Bureau of Mineral Resources, Australia, Record 62/109

STORAGE:
: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN:
: Unique Survey Number S6560020
: Date of Entry July 1986
SURVEY NUMBER : 28
BASIN : Bonaparte
MAP SHEETS : 1:250000
: SD/52-10, SD/52-11, SD/52-14,
: SD/52-15, SE/52-02, SE/52-03.
: Medusa Banks, Port Keats, Cambridge Gulf,
: Auvergne, Lissadell, Waterloo.
LOCATION
: W.Longitude 128.75
: E.Longitude 129.5
: N.Latitude 15.0
: S.Latitude 16.0
EQUIPMENT : Amplifiers
: Magnetic Tape
: Geophones
FORMAT : Monitor records only.
PARAMETERS : Low-cut filter
: High-cut filter
: Charge size
Geophones
: Shot Hole Depth
GEOMETRY
: Spread 1320-0-1320 feet (split)
: Geophone spacing 110 feet.
: Geophone pattern 4 in line 5 feet apart.
: CDP fold single
DATA
: Tape Boxes
: None
: Record Boxes
: 28-RB97 to 28-RB101 continuous.
: Data Sheet Boxes
: SURVEY 28-1
: Cylinders
: 75, 95, 98
RESULTS
: Drawing Office Numbers
: G248-6 to G248-16 inclusive.
: Publications
Robertson C.S.
Bureau of Mineral Resources, Australia, Record 57/46
STORAGE
: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN
: Unique Survey Number S6560023
: Date of Entry July 1986
**PROJECT**: Heywood Experimental, Vic, 1956.

**SURVEY NUMBER**: 29

**BASIN**: Otway

**MAP SHEETS**: 1:250000

**LOCATION**: W. Longitude 141.5

**TRAVERSES**: A, B, C, D

**EQUIPMENT**:
- Amplifiers: TIC 521, TIC 621, 24 channel.
- Magnetic Tape: None
- Geophones: TIC 20Hz
- Monitor records only.
- Low-cut filter: 25Hz.
- High-cut filter: 70Hz.
- Charge size: 201bs. (GEOPEX) pattern shooting.
- Shot Hole Depth: 60 to 200 feet.

**FORMAT**:

**PARAMETERS**:
- Spread: 1320-0-1320 feet (split).
- Geophone spacing: 110 feet.
- Geophone pattern: 4 in line 5 feet apart.
- CDP fold: Single

**GEOMETRY**:
- Geophone pattern shooting.
- Geophone spacing: 4 in line 5 feet apart.
- Spread: 1320-0-1320 feet (split).
- Geophone pattern: 4 in line 5 feet apart.

**DATA**:
- Tape Boxes: None
- Record Boxes: 29-RB105 and 29-RB106
- Data Sheet Boxes: SURVEY 29-1
- Cylinders: None

**RESULTS**:
- Drawing Office Numbers: G268-2 to G268-10
- Sections are photocopies of monitor records.
- Publications: Lodwick K.B. Vale K.R.
  - An experimental seismograph survey at Heywood, Western District Basin, southwestern Victoria.
  - Bureau of Mineral Resources, Australia, Record 58/28

**STORAGE**:
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692

**PEDIN**:
- Unique Survey Number: S6560024
- Date of Entry: July 1986
PROJECT: Sydney Basin, N.S.W., 1957.
SURVEY NUMBER: 30
BASIN: Sydney
MAP SHEETS: 1:250000
: SI/56-05
: Sydney
LOCATION: W.Longitude 150.0
: E.Longitude 152.0
: N.Latitude 33.0
: S.Latitude 34.0
TRAVERSES: A, B, C, D, E, F

EQUIPMENT:
: Amplifiers TIC 621, 24 channel
: Magnetic Tape none
: Geophones TIC GHz and 20 Hz

FORMAT:

PARAMETERS:
: Low-cut filter 25 Hz.
: High-cut filter 70 Hz.
: Charge size 25 lbs. (GEOPHEX)
: Shot Hole Depth 85 ft.

GEOMETRY:
: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 10 in line 24 feet apart.
: CDP fold single

DATA:
: Tape Boxes
: None
: Record Boxes
: 30-RB107 to 30-RB111 continuous.
: Data Sheet Boxes
: SURVEY 30-1
: Cylinders
: None

RESULTS:
: Drawing Office Numbers
  G285-1, G285-8 to G285-14
  Photo-copies of monitors included.
  G285-1 to G285-7

: Publications
Robertson C.S.
  Bureau of Mineral Resources, Australia, Record 57/45
Robertson C.S.
  Bureau of Mineral Resources, Australia, Record 58/48

STORAGE:
: Australian Archives (BMR file 1981-142)
  Tape Boxes A1725
  Record Boxes A1724
  Data Sheet Boxes A5692

PEDIN:
: Unique Survey Number S2570042
: Date of Entry July 1986
SURVEY NUMBER: 31
BASIN: Cooper
MAP SHEETS: 1:250000
: SG/53-14
: Wintinna
LOCATION:
: W. Longitude 135.0
: E. Longitude 135.5
: N. Latitude 27.0
: S. Latitude 27.5
TRAVERSES: A, B
EQUIPMENT:
: Amplifiers
: Magnetic Tape
: Geophones
: Monitor records
: Low-cut filter
: High-cut filter
: Charge size
: Shot Hole Depth
GEOMETRY:
: Spread
: Geophone spacing
: Geophone pattern
: CDP fold
DATA:
: Tape Boxes
: None
: Record Boxes
: 31-RB112 to 31-RB117 continuous.
: Data Sheet Boxes
: SURVEY 31-1
: Cylinders
: 72
RESULTS:
: Drawing Office Numbers
: G315-1, G315-3 to G315-9, G85-84.
: Publications
Lodwick K.B. Smith E.R.
Oodnadatta experimental seismic survey,
South Australia 1957.
Bureau of Mineral Resources, Australia, Record 62/17
STORAGE:
: Australian Archives (BMR file 1981-142)
Tape Boxes
: A1725
Record Boxes
: A1724
Data Sheet Boxes
: A5692
PEDIN:
: Unique Survey Number
: S5570043
: Date of Entry
: July 1986
SURVEY NUMBER: 32
BASIN: Eromanga-Cooper.
MAP SHEETS: 1:250,000
: SG/54-10
: Cordillo
LOCATION: W. Longitude 140.5
: E. Longitude 141.0
: N. Latitude 26.0
: S. Latitude 27.0
TRAVERSES: A
EQUIPMENT: Amplifiers TIC 621, 24 channel.
: Magnetic Tape none
: Geophones TIC 20 Hz.
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter 25 Hz.
: High-cut filter 50 Hz.
: Charge size not stated (GEOPHEX)
: Shot Hole Depth 60 to 130 feet.
GEOMETRY: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 4 in line 5 feet apart.
: 6 in line 22 feet apart.
: CDP fold single
DATA: Tape Boxes
: None
: Record Boxes
: 32-RB118 to 32-RB121 continuous.
: Data Sheet Boxes
: SURVEY 32-1
: Cylinders
: None
RESULTS: Drawing Office Numbers
G 296-2 to G 296-7
Photo-copies of seismic monitors included.
: Publications
Smith E.R., Lodwick K.B.
An experimental seismic survey, Haddon Downs,
South Australia.
Bureau of Mineral Resources, Australia, Record 59/19
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number S5570044
: Date of Entry July 1986
SURVEY NUMBER: 33
BASIN: Gippsland
MAP SHEETS: 1:250000
SJ/55-10
Warragul
LOCATION: W.Longitude 145.5
E.Longitude 147.0
N.Latitude 38.0
S.Latitude 39.0
TRAVERSES: A, B, C
EQUIPMENT: Amplifiers
Magnetic Tape
Geophones
TIC 621, 24 channel
none
TIC 6Hz and 20Hz
Monitor records only.
Low-cut filter 27Hz.
High-cut filter 68Hz.
Charge size not stated. (GEOPHEX)
Shot Hole Depth not stated
FORMAT: Spread 1320-0-1320 feet (split),
660-0-660 feet (split).
Geophone spacing 110 feet.
55 feet.
Geophone pattern 6 in line 11 feet apart
CDP fold single
PARAMETERS: Tape Boxes
Record Boxes
Data Sheet Boxes
Cylinders
None
None
None
DATA: Drawing Office Numbers
G296-8, 6, 56, 57, 5, 8, 60, 61, 62, 63
Preliminary report on an experimental seismic survey,
Latrobe Valley, Victoria.
Bureau of Mineral Resources, Australia, Record 58/101
Lodwick K.B., Moss F.J.
Experimental seismic survey Latrobe Valley,
Victoria, April 1958.
Bureau of Mineral Resources, Australia, Record 59/151
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number S3580017
Date of Entry July 1986
PROJECT: Surat, Qld, 1958.
SURVEY NUMBER: 34
BASIN: Surat
MAP SHEETS: 1:250000
: SG/55-16
LOCATION: W. Longitude 149.0
: E. Longitude 149.5
: N. Latitude 26.5
: S. Latitude 27.75
TRAVERSES: A, B, C, D, AA, BB
EQUIPMENT: Amplifiers TIC 621, 24 channel.
: Magnetic Tape none
: Geophones TIC 6Hz and 20Hz
FORMAT: Monitor records only.
PARAMETERS: Low-cut filter 26Hz
: High-cut filter 60Hz
: Charge size 10 lbs. (GEOPLEX)
: Shot Hole Depth 65 feet.
GEOMETRY: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart.
: CDP fold single
DATA: Tape Boxes
: None
: Record Boxes 34-RB123 and 34-RB124
: Data Sheet Boxes SURVEY 34-1
: Cylinders None
RESULTS: Drawing Office Numbers
: G48-2 to G48-6
: Publications
Morton A.G., Robertson C.S.
Experimental seismic survey, Surat, Queensland.
Bureau of Mineral Resources, Australia, Record 59/13
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN: Unique Survey Number S4580018
: Date of Entry July 1986
PROJECT : Carpentaria Basin, Qld, 1958.
SURVEY NUMBER : 35
BASIN : Carpentaria
MAP SHEETS : 1:250000
             : SE/54-01, SE/54-02, SE/54-04, SE/54-05, SE/54-06
             : SE/54-07, SE/54-08, SE/54-10, SE/54-11, SE/54-15
             : Galbraith, Walsh, Westmoreland, Burketown,
             : Red River, Donors Hill, Croydon, Millungera,
             : Mornington, Normanton.
LOCATION : W. Longitude 138.0
           : E. Longitude 144.0
           : N. Latitude 15.5
           : S. Latitude 20.0
TRAVERTES : A, B, C, D, G, I, M, W
EQUIPMENT : Amplifiers         TIC 621, 24 channel.
            : Magnetic Tape      none
            : Geophones          TIC 6Hz and 20Hz
FORMAT PARAMETERS : Low-cut filter not stated
                   : High-cut filter not stated
                   : Charge size        not stated. (GEOPHEX)
                   : Shot Hole Depth    35 to 105 feet.
GEOMETRY : Spread 1320-0-1320 feet (split).
           : Geophone spacing 110 feet.
           : Geophone pattern 6 in line 22 feet apart.
           : CDP fold single
DATA : Tape Boxes
      : None
      : Record Boxes
      : 35-RB125 to 35-RB130 continuous.
      : Data Sheet Boxes
      : SURVEY 35-1 and 35-2.
      : Cylinders
      : None
RESULTS

:Drawing Office Numbers
G318-3 to G318-13
E54-B3-12,13,14A,15A,17 to 24,
E54-B3-26 to 54,58,59.

:Publications
Robertson C.S., Moss F.J.
Bureau of Mineral Resources, Australia, Record 75/73
Robertson C.S., Moss F.J.
Preliminary report on a seismic survey in the
Bureau of Mineral Resources, Australia, Record 59/4

STORAGE

:Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN

:Unique Survey Number S4580019
:Date of Entry July 1986
SURVEY NUMBER: 36
BASIN: Gippsland
MAP SHEETS: 1:250000
SJ/55-10
Warragul
LOCATION:
W.Longitude 145.0
E.Longitude 147.0
N.Latitude 38.0
S.Latitude 39.0
TRAVERSES: A, B
EQUIPMENT:
Amplifiers TIC 621, 24 channel.
Magnetic Tape Electro-tech DS7-7.
Geophones TIC 20 Hz.
FORMAT:
Analogue, amplitude modulation.
PARAMETERS:
Low-cut filter 20 Hz
High-cut filter 70 Hz
Charge size 5 to 20 lb. (GEOPHEX)
Shot Hole Depth 30 to 120 feet.
GEOMETRY:
Spread 1320-0-1320 feet (split).
Geophone spacing 110 feet.
Geophone pattern 6 in line 22 feet apart.
CDP fold single
DATA:
Tape Boxes 36-TB1
Record Boxes 36-RB136 to 36-RB138 continuous.
Data Sheet Boxes SURVEY 36-1
Cylinders None
RESULTS:
Drawing Office Numbers G93-65 to G93-67
G268-11
Publications
Lodwick K.B.
Bureau of Mineral Resources, Australia, Record 60/48
STORAGE:
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN:
Unique Survey Number S3590020
Date of Entry July 1986
PROJECT : Cooroorah Anticline, Qld, 1959.
SURVEY NUMBER : 37
BASIN : Bowen
MAP SHEETS : 1:250000
: SF/55-16
: Duaringa
LOCATION : W. Longitude 147.0
: E. Longitude 148.0
: N. Latitude 22.0
: S. Latitude 23.75
TRAVERSES : A, AA, B, BB, C, D, E, F.

EQUIPMENT : Amplifiers TIC 621, 24 channel.
: Magnetic Tape Electro-tech DS7-7
: Geophones TIC 6Hz and 20Hz
FORMAT : Analogue, amplitude modulation.
PARAMETERS : Low-cut filter 23 Hz.
: High-cut filter 78 Hz.
: Charge size 10 to 15 lbs. (GEOPHEX)
: Shot Hole Depth 60 feet.

GEOMETRY : Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart
: CDP fold single

DATA : Tape Boxes
: 37-TB2 and 37-TB3
: Record Boxes
: 37-RB139 to 37-RB146 continuous.
: Data Sheet Boxes
: SURVEY 37-1
: Cylinders
: None

RESULTS : Drawing Office Numbers
: G229-6, G229-7, G268-11-1,
: G229-10, G229-11
: G229-13 to G229-19
: Publications

Morton A.G. Moss F.J.
Cooroorah Anticline seismic reflection survey,
Queensland 1959.
Bureau of Mineral Resources, Australia, Record 61/107

STORAGE : Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN : Unique Survey Number S4590021
: Date of Entry July 1986
PROJECT: Quilpie-Eromanga, Qld, 1959.
SURVEY NUMBER: 38
BASIN: Eromanga
MAP SHEETS: 1:250000
: SG/54/08, SG/54-12, SG/54-16,
: Windorah, Eromanga, Thargomindah,
: Adavale, Quilpie, Toompine.
LOCATION:
: W. Longitude 142.0
: E. Longitude 145.0
: N. Latitude 26.0
: S. Latitude 27.0
TRAVERSES: A, B, C, D.
EQUIPMENT:
: Amplifiers TIC 621, 24 channel.
: Magnetic Tape Electro-Tech DS7-7
: Geophones TIC 6Hz and 20Hz
FORMAT:
: Analogue, amplitude modulation.
PARAMETERS:
: Low-cut filter 23 Hz.
: High-cut filter 78 Hz.
: Charge size 20 lbs. (GEOPHEX)
: Shot Hole Depth traverse A 190 ft.
: traverse B 175 ft.
: traverse C 110 ft.
: traverse D 105 ft.
GEOMETRY:
: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart
: CDP fold single
DATA:
: Tape Boxes 38-TB58 and 38-TB59
: Record Boxes 38-RB147 to 38-RB150 continuous.
: Data Sheet Boxes SURVEY 38-1
: Cylinders 76
RESULTS:
: Drawing Office Numbers
: G335-1-1
: G335-4 to G335-7 inclusive
: G335-9 to G335-15 inclusive
: Publications
: Bigg - Wither A. and Morton A.G.
: Eromanga seismic reflection survey, Qld, 1959.
: Bureau of Mineral Resources, Australia, Record 62/161
STORAGE:
: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN:
: Unique Survey Number S4590034
: Date of Entry July 1986
PROJECT: Surat, Qld, 1959.
SURVEY NUMBER: 39
BASIN: Surat
MAP SHEETS: 1:250000
SG/56-13, SG/55-12, SG/55-16
Dalby, Roma, Surat
LOCATION: W. Longitude 148.5
E. Longitude 152.0
N. Latitude 27.0
S. Latitude 28.25
TRAVERSES: AA, E, F, G
EQUIPMENT: Amplifiers TIC 621, 24 channel.
Magnetic Tape Electro-tech D7-7
Geophones TIC 6Hz and 20Hz
FORMAT: Analogue, amplitude modulation.
PARAMETERS: Low-cut filter 23Hz
High-cut filter 80Hz
Charge size 10 to 20 lbs. (Geophex).
Shot Hole Depth 80 to 100 feet in west,
100 to 140 feet in east.
GEOMETRY: Spread 1320-0-1320 feet (split).
Geophone spacing 110 feet.
Geophone pattern 6 in line 22 feet apart.
CDP fold single
Record Boxes 39-RB169 to 39-RB175 continuous.
Data Sheet Boxes SURVEY 39-1
Cylinders 26, 62, 63, 64
RESULTS: Drawing Office Numbers G48-8 to G48-25
Publications
Lodwick K.B. Watson S.J.
Surat Basin seismic reconnaissance survey, Queensland 1959.
Bureau of Mineral Resources, Australia, Record 60/107
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number S4590035
Date of Entry July 1986
**PROJECT**
: Surat, Qld, 1960.

**SURVEY NUMBER**
: 40

**BASIN**
: Surat

**MAP SHEETS**
: 1:250000
: SG/55-12, SG/55-16, SG/56-13
: Roma, Surat, Dalby.

**LOCATION**
: W. Longitude 148.5
: E. Longitude 151.25
: N. Latitude 26.5
: S. Latitude 28.0

**TRAVERSES**
: A, AA, E, F, G, H, I, L, N, M,

**EQUIPMENT**
: Amplifiers TIC-621, 24 channel.
: Magnetic Tape Electro-tech DS7-7
: Geophones TIC 20Hz & 6Hz

**FORMAT**
: Analogue, amplitude modulation.

**PARAMETERS**
: Low-cut filter 23Hz
: High-cut filter 78Hz
: Charge size 10 to 25 lbs. (GEOPHEX)
: Shot Hole Depth 70 to 200 feet.

**GEOMETRY**
: Spread 1320-0-1320 feet (spilt).
: Geophone spacing 110 feet
: Geophone pattern 6 in line 22 feet apart
: CDP fold single

**DATA**
: Tape Boxes
: 40-TB68 to 40-TB71 continuous.
: Record Boxes
: 40-RB176 to 40-RB185 continuous.
: Data Sheet Boxes
: SURVEY 40-1 and 40-2.
: Cylinders
: 26, 93

**RESULTS**
: Drawing Office Numbers
: G48-38 to G48-41 continuous.
: G48-95 to G48-99 continuous.
: G48-10-1, G48-21-1, G38-99, G48-9-1

**Publications**
Smith E.R. Lodwick K.B.
Surat Basin seismic reconnaissance survey, Queensland 1960.
Bureau of Mineral Resources, Australia, Record 62/133

**STORAGE**
: Australian Archives (BMR file 1981-142)
  Tape Boxes A1725
  Record Boxes A1724
  Data Sheet Boxes A5692

**PEDIN**
: Unique Survey Number S4600024
: Date of Entry July 1986
SURVEY NUMBER: 41
BASIN: Surat
MAP SHEETS: 1:250000 SG/55-12 Roma
LOCATION:  
W. Longitude 148.75
E. Longitude 149.25
N. Latitude 26.5
S. Latitude 27.0

TRAVERSES: Well Velocity Survey

EQUIPMENT:  
Amplifiers: AUSTRAL Century
Magnetic Tape: none
Geophones: TIC 3-component

FORMAT:
Monitor Records Only.

PARAMETERS:
Low-cut filter: not stated
High-cut filter: not stated
Charge size: 10 lbs. (GEOPHEX)
Shot Hole Depth: 70 and 100 feet.

GEOMETRY:
Spread: not relevant
Geophone spacing: not relevant
Geophone pattern: not relevant
CDP fold: not relevant

DATA:
Tape Boxes: 41-TB68 to 41-TB71 continuous.
Record Boxes: 41-RB176 to 41-RB185 continuous.
Data Sheet Boxes: None
Cylinders: None

RESULTS:
Drawing Office Numbers: G38-83 to G38-86 inclusive
G38-95, G38-96, G85-101
Publications:
Smith E.R. Lodwick K.B.
Timbury Hills No. 2 bore seismic velocity survey,
Queensland 1960.
Bureau of Mineral Resources, Australia, Record 62/51

STORAGE:
Australian Archives (BMR file 1981-142)
Tape Boxes: A1725
Record Boxes: A1724
Data Sheet Boxes: A5692

PEDIN:
Unique Survey Number: S4600025
Date of Entry: July 1986
SURVEY NUMBER: 42
BASIN: Surat
MAP SHEETS: 1:250000 SG/55-12 Roma
LOCATION: W. Longitude 148.75
E. Longitude 149.25
N. Latitude 26.5
S. Latitude 27.0
TRAVERSSES: Well Velocity Survey
EQUIPMENT: Amplifiers TIC 621
Magnetic Tape none
Geophones 3-component
FORMATTER: Monitor Records Only.
PARAMETERS: Low-cut filter not stated
High-cut filter not stated
Charge size 10-25 lbs. (GEOPHEX)
Shot Hole Depth 60 and 86 feet.
GEOMETRY: Spread not relevant
Geophone spacing not relevant
Geophone pattern not relevant
CDP fold not relevant
DATA: Tape Boxes
42-TB68 to 42-TB71 continuous.
Record Boxes
42-RB176 to 42-RB185 continuous.
Data Sheet Boxes
SURVEY 42-1
Cylinders
None
RESULTS: Drawing Office Numbers
G38-83-1, G38-98, G38-82, G38-94, G38-103,
G38-87 to G38-94 inclusive
Publications
Smith E.R., Lodwick K.B.
Pickanjinnie No. 1 bore seismic velocity survey, Qld, 1960.
Bureau of Mineral Resources, Australia, Record 62/52
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number S4600026
Date of Entry July 1986
PROJECT: Emerald, Duaringa, Qld, 1960.
SURVEY NUMBER: 43
BASIN: Bowen
MAP SHEETS: 1:250000
: SF/55-15, SF/55-16.
: Emerald, Duaringa
LOCATION: W. Longitude 147.75
: E. Longitude 150.0
: N. Latitude 23.5
: S. Latitude 24.0
EQUIPMENT: Amplifiers TIC 621, 24 channel.
: Magnetic Tape Electro-tech DS7-700
: Geophones TIC 6Hz and 20Hz
FORMAT: Analogue, amplitude modulation.
PARAMETERS: Low-cut filter 23Hz.
: High-cut filter 78Hz.
: Charge size 200lbs. (GEOPHEX)
: Shot Hole Depth 85 to 105 feet.
GEOMETRY: Spread 1320-0-1320 feet (spilt).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart
: CDP fold single
DATA: Tape Boxes 43-TB62 to 43-TB64 continuous.
: Record Boxes 43-RB154 to 43-RB162 continuous.
: Data Sheet Boxes SURVEY 43-1 and 43-2.
: Cylinders 79
RESULTS: Drawing Office Numbers G352-3 to G352-6 inclusive
: Publications
Robertson C.S.
Emerald-Duaringa seismic survey, Queensland 1960.
Bureau of Mineral Resources, Australia, Record 61/150
Robertson C.S.
Emerald-Duaringa seismic survey, Queensland, 1960.
Bureau of Mineral Resources, Australia, Record 65/2
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number S4600027
: Date of Entry July 1986
PROJECT: Winton, Qld, 1960.
SURVEY NUMBER: 44
BASIN: Eromanga-Galilee
MAP SHEETS: 1:250000
:SF/54-12
:Winton
LOCATION:
:W. Longitude 143.5
:E. Longitude 143.25
:N. Latitude 22.0
:S. Latitude 22.5
TRAVERSES:

EQUIPMENT:
:Amplifiers TIC 621, 24 channel.
:Magnetic Tape Electro-tech DS7-700
:Geophones TIC 6Hz and 20Hz
FORMAT:
:Analogue, amplitude modulation.
PARAMETERS:
:Low-cut filter 25Hz
:High-cut filter 90Hz
:Charge size 20 lb. (Geophex)
:Shot Hole Depth 105 to 150 feet.
GEOMETRY:
:Spread 1320-0-1320 feet (split).
:Geophone spacing 110 feet.
:Geophone pattern 6 in line 22 feet apart.
:CDP fold single

DATA:
:Tape Boxes 44-TB143
:Record Boxes 44-RB343
:Data Sheet Boxes SURVEY 44-1
:Cylinders None

RESULTS:
:Drawing Office Numbers G295-49, F54-B3-51, F54-B3-52, F54-B3-40
:F54-B3-2
:Publications
Robertson C.S.
Winton seismic survey, Queensland 1960.
Bureau of Mineral Resources, Australia, Record 64/116

Robertson C.S.
Emerald - Duaringa seismic survey, Queensland, 1960.
Bureau of Mineral Resources, Australia, Record 65/2

STORAGE:
: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN:
: Unique Survey Number S4600028
: Date of Entry July 1986
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<th></th>
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<tbody>
<tr>
<td>SURVEY NUMBER</td>
<td>45</td>
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<tr>
<td>BASIN</td>
<td>Gippsland</td>
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<tr>
<td>MAP SHEETS</td>
<td>1:250000 SJ/55-10 Warragul</td>
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<tr>
<td>LOCATION</td>
<td>:W.Longitude 147.0 :E.Longitude 147.5 :N.Latitude 38.0 :S.Latitude 39.0</td>
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<tr>
<td>TRAVERSES</td>
<td>:Well Velocity Survey</td>
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<tr>
<td>EQUIPMENT</td>
<td>:Amplifiers TIC 521 :Magnetic Tape none :Geophones TIC 3-component</td>
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<tr>
<td>FORMAT</td>
<td>Monitor Records Only.</td>
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<tr>
<td>PARAMETERS</td>
<td>:Low-cut filter not relevant :High-cut filter not relevant :Charge size not relevant :Shot Hole Depth not relevant</td>
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<tr>
<td>GEOMETRY</td>
<td>:Spread not relevant :Geophone spacing not relevant :Geophone pattern not relevant :CDP fold not relevant</td>
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<td>DATA</td>
<td>:Tape Boxes 45-TB66 :Record Boxes 45-RB168 :Data Sheet Boxes None :Cylinders None</td>
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<td>RESULTS</td>
<td>:Drawing Office Numbers GI05-2, G93-84, G93-83, GI05-10 to GI05-13 inclusive</td>
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<td>Storage</td>
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<td>PEDIN</td>
<td>:Unique Survey Number S3600029 :Date of Entry July 1986</td>
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SURVEY NUMBER: 46
BASIN: Murray
MAP SHEETS: 1:250000
: SI/55-09, SI/55-10, SI/54-11, SI/54-12
: Mildura, Balranald, Hay, Narrandera
LOCATION: W. Longitude 140.5
: E. Longitude 146.0
: N. Latitude 33.0
: S. Latitude 35.0
EQUIPMENT: Amplifiers
: Magnetic Tape
: Geophones
: Low-cut filter
: High-cut filter
: Charge size
: Shot Hole Depth
FORMAT: TIC 521, 24 channel.
: TIC 20Hz.
: TIC 6Hz.
PARAMETERS: TIC 23Hz.
: 78Hz
: 5 lbs. (GEOPHEX)
: 90 feet.
: 1320-0-1320 ft (split).
: 660-0-660 ft (split).
: 55 and 110 ft.
: Geophone pattern
: CDP fold
: Single
GEOMETRY: Spread
: Geophone spacing
: Geophone pattern
: CDP fold
DATA: Tape Boxes
: None
: Record Boxes
: 46-RB131 to 46-RB135 continuous.
: Data Sheet Boxes
: SURVEY 46-1.
: Cylinders
: 71
RESULTS: Drawing Office Numbers
: G113-7, G113-9, G113-10, G113-21 to G113-37,
: G113-49 to G113-51.
: Publications
Watson S.J.
Bureau of Mineral Resources, Australia, Record 62/164
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN: Unique Survey Number
: Date of Entry
: S0600048
: July 1986
SURVEY NUMBER: 47
BASIN: Gippsland
MAP SHEETS: 1:250000
: SJ/55-10
: Warragul
LOCATION: W.Longitude 146.25
: E.Longitude 148.0
: N.Latitude 37.75
: S.Latitude 38.75
TRAVERSES: D,E
EQUIPMENT: Amplifiers HTL 7000B, 24 channel.
: Magnetic Tape Electro-tech DS7-700
: Geophones TIC 6Hz and 20Hz
FORMAT: Analogue, Amplitude modulation.
PARAMETERS: Low-cut filter 10Hz
: High-cut filter 75Hz
: Charge size 10 lbs. (Geophex)
: Shot Hole Depth 30 to 90 feet.
GEOMETRY: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart.
: CDP fold single
DATA: Tape Boxes
: 47-TB65 and 47-TB66.
: Record Boxes
: 47-RB163 to 47-RB168 continuous.
: Data Sheet Boxes
: SURVEY 47-1
: Cylinders 61
RESULTS: Drawing Office Numbers
: G93-43, G93-28-2, G93-49
: G93-79 to G93-82
: G93-85 to G93-91
: Publications
Fowler K.F.
Bureau of Mineral Resources, Australia, Record 61/165
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN: Unique Survey Number S3610061
: Date of Entry July 1986
PROJECT: Goondiwindi, Qld, 1961.
SURVEY NUMBER: 48
BASIN: Surat
MAP SHEETS: 1:250000
: SG/55-16, SG/56-13, SH/55-04
: SH/55-08, SH/56-01, SH/56-05.
: Surat, Dalby, St George,
: Moore, Goondiwindi, Inverell.
LOCATION:
: W.Longitude 148.5
: E.Longitude 151.0
: N.Latitude 27.5
: S.Latitude 30.0
TRAVERSES:
EQUIPMENT:
: Amplifiers TIC 621, 24 channel.
: Magnetic Tape DS7-700
: Geophones TIC 20Hz
FORMAT:
: Analogue, amplitude modulation.
PARAMETERS:
: Low-cut filter 23Hz
: High-cut filter 75Hz.
: Charge size 15 to 20 lbs. (GEOPHEX)
: Shot Hole Depth 90 to 150 feet.
GEOMETRY:
: Spread 1320-0 to 1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 ft. apart.
: CDP fold single
DATA:
: Tape Boxes
: 48-TB147 to 48-TB152 continuous.
: Record Boxes
: 48-RB398 to 48-RB404 continuous.
: Data Sheet Boxes
: SURVEY 48-1 to 48-3.
: Cylinders
: None
RESULTS:
: Drawing Office Numbers
: G55-B3-1 to G55-B3-25
: Publications
Lodwick K.B., Bigg-Wither A.L.
Bureau of Mineral Resources, Australia, Record 62/183
STORAGE:
: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN:
: Unique Survey Number 4610062
: Date of Entry July 1986
SURVEY NUMBER : 49
BASIN : Amadeus
MAP SHEETS : 1:250000
: SG/53-02, SG/53-06
: Rodinga, Alice Springs, Charlotte Waters.
LOCATION : W. Longitude 133.5
: E. Longitude 135.00
: N. Latitude 23.55
: S. Latitude 25.55
TRAVERSES : A, B, C, D, E, F, G.
EQUIPMENT : Amplifiers HTL 7000B, 24 channel.
: Magnetic Tape Electro-tech DS7-700
: Geophones Electro-tech 20HZ and TIC 6HZ
FORMAT : Analogue, amplitude modulation.
PARAMETERS : Low-cut filter 18 Hz.
: High-cut filter 75 Hz.
: Charge size not stated
: Shot Hole Depth 54 feet.
GEOMETRY : Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart
: CDP fold single
DATA : Tape Boxes
: 49-TB119 and 49-TB120, 49-TB122 to 49-TB124
: Record Boxes
: 49-RB301, 49-RB303
: 49-RB310 to 49-RB315 continuous.
: 49-RB336
: Data Sheet Boxes
: none
: Cylinders 8, 58, 59
RESULTS : Drawing Office Numbers
: G53-B3-1 to G53-B3-18 inclusive
: Publications
Moss F.J.
Amadeus Basin (southern margin) seismic survey,
Northern Territory, 1961.
Bureau of Mineral Resources, Australia, Record 62/167
STORAGE : Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN : Unique Survey Number S8610063
: Date of Entry July 1986
PROJECT: Giles-Carnegie, 1961, S.A, W.A.
SURVEY NUMBER: 50
BASIN: Officer
MAP SHEETS: 1:250000
: SG 51-3, SG 51-4, SG 52-1, SG 52-2
: SG 51-7, SG 51-8, SG 52-5, SG 52-6
: SG 51-11, SG 51-12, SG 52-9, SG 52-10
: Hadley, Warri, Cobb, Rawlinson, Herbert, Browne
: Bentley, Scott, Robert, Towalga, Talbot, Cooper
LOCATION: W.Longitude 123.0
: E.Longitude 128.0
: N.Latitude 24.0
: S.Latitude 27.0
TRAVERSES: Mt Beadell, Mt Charles, Mt Davies, Mt Samuel.
: Mt Everad, Lake Keene, NMF19.
EQUIPMENT: Amplifiers HTL 7000B, 24 channel.
: Magnetic Tape Electro-tech DS7-700
: Geophones Electro-tech 20Hz, TIC 6 and 20Hz.
FORMAT: Analogue, amplitude modulation.
PARAMETERS: Low-cut filter 18Hz
: High-cut filter 75Hz
: Charge size 5 to 101bs. (GEOPHEX)
: Shot Hole Depth 50 to 100 feet.
GEOMETRY: Spread 1320-0-1320 feet (spilt).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart
: CDP fold single
DATA: Tape Boxes
: 50-TB80 and TB79
: Record Boxes
: 50-RB206 to 50-RB208 continuous.
: 57-RB208 to 57-RB212 continuous.
: Data Sheet Boxes
: SURVEY 50-1
: Cylinders
: 5
RESULTS: Drawing Office Numbers
G51-B3-8, G51-B3-10, G51-B3-50, G51-B3-51,
G51-B3-13 to G51-B3-31 inclusive
G51-B3-1-1 to G51-B3-11-3 inclusive
G51-B3-12-1, G51-B3-12-2
G52-B3-50, G52-B3-7-1, G52-B3-7-1.
Publications

Turpie A.
Giles - Carnegie seismic survey,
Western Australia 1961-1962.
Bureau of Mineral Resources, Australia, Record 67/123

Watson S.J.
Giles-Casnegie seismic traverse, Western Australia
and South Australia
Bureau of Mineral Resources, Australia, Record 63/7

STORAGE
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN
Unique Survey Number S0610064
Date of Entry July 1986
SURVEY NUMBER: 51
BASIN: Amadeus
MAP SHEETS: 1: 250000
SF/53-13, SG/53-01
Hermannsburg, Henbury
LOCATION:
W. Longitude: 132.25
E. Longitude: 133.0
N. Latitude: 23.75
S. Latitude: 24.25
TRAVERSES: H, I.

EQUIPMENT:
Amplifiers: HTL 7000B, 24 channel.
Magnetic Tape: Electro-tech DS7-700
Geophones: Electro-tech EVS-2B-20Hz, TIC 6Hz.

FORMAT:
Analog, amplitude modulation.

PARAMETERS:
Low-cut filter: K24 Hz.
High-cut filter: K75 Hz.
Charge size: 30 lbs. (GEOPHEX)
Shot Hole Depth: 70 feet

GEOMETRY:
Spread: 1320-0-1320 feet (split).
Geophone spacing: 110 feet.
Geophone pattern: 5 in line 22 feet apart
CDP fold: single

DATA:
Tape Boxes: 51-TB129
Record Boxes: 51-RB330 to 51-RB332 continuous.
Data Sheet Boxes: None
Cylinders: None

RESULTS:
Drawing Office Numbers: F53-B3-1 to F53-B3-8 inclusive
Publications:
Turpie A., Moss F.J.
Palm Valley - Hermannsburg seismic survey, Northern Territory 1961.
Bureau of Mineral Resources, Australia, Record 63/5

STORAGE:
Australian Archives (BMR file 1981-142)
Tape Boxes: A1725
Record Boxes: A1724
Data Sheet Boxes: A5692

PEDIN:
Unique Survey Number: S8610065
Date of Entry: July 1986
**PROJECT**: Undilla Basin, Qld, 1961.
**SURVEY NUMBER**: 52
**BASIN**: Undilla
**MAP SHEETS**: 1:250000: SE/54-13: Camooweal

**LOCATION**
- W. Longitude: 138.25
- E. Longitude: 139.25
- N. Latitude: 19.0
- S. Latitude: 19.75

**TRAVERSES**: A1, A2, B, C, D, E.

**EQUIPMENT**
- **Amplifiers**: TIC 621, 24 channel.
- **Magnetic Tape**: DS7-700
- **Geophones**: TIC 6Hz and 20Hz.

**FORMAT**
- **Analogue, Amplitude modulation**.

**PARAMETERS**
- **Low-cut filter**: 23Hz
- **High-cut filter**: 75Hz
- **Charge size**: 50 lbs. (GEOPHEX)
- **Shot Hole Depth**: 6ft (for pattern), 40ft

**GEOMETRY**
- **Spread**: 1320-0-1320 feet (split).
- **Geophone spacing**: 110 feet.
- **Geophone pattern up to 36 in line 2 feet apart**
- **CDP fold**: single

**DATA**
- **Tape Boxes**: 52-TB60
- **Record Boxes**: 52-RB151 and 52-RB152
- **Data Sheet Boxes**: SURVEY 52-1
- **Cylinders**: 69

**RESULTS**
- **Drawing Office Numbers**: E54-B3-1 to E54-B3-11 inclusive
- **Publications**: Robertson C.S.
  Bureau of Mineral Resources, Australia, Record 63/63

**STORAGE**
- **Australian Archives (BMR file 1981-142)**
  Tape Boxes: A1725
  Record Boxes: A1724
  Data Sheet Boxes: A5692

**Pedin**: Unique Survey Number: S4610066
**Date of Entry**: July 1986
SURVEY NUMBER :53
BASIN :Eromanga
MAP SHEETS :1:250000
:SG/55-06
:Augathella
LOCATION :
  :W. Longitude 146.0
  :E. Longitude 146.25
  :N. Latitude 25.0
  :S. Latitude 25.5
TRAVERSES :A, B
EQUIPMENT :
  :Amplifiers TIC 621, 24 channel.
  :Magnetic Tape Electro-Tech DS7-700
  :Geophones TIC 20Hz, TIC 6Hz, EVS2B 20Hz.
FORMAT :
  :Analogue, amplitude modulation.
PARAMETERS :
  :Low-cut filter 23Hz
  :High-cut filter 78Hz
  :Charge size 15 to 20 lb. (GEOPHEX)
  :Shot Hole Depth 80 ft.
GEOMETRY :
  :Spread 1320-0-1320 feet (split).
  :Geophone spacing 110 feet.
  :Geophone pattern 6 in line 22 feet apart.
  :CDP fold single
DATA :
  :Tape Boxes :53-TB61
  :Record Boxes :53-RB153
  :Data Sheet Boxes :None
  :Cylinders :99
RESULTS :
  :Drawing Office Numbers G55-B3-40 to G55-B3-43.
  :G409-4, G409-5.
  :Publications

  Bigg-Wither A.L., Davies J.S.
  Westbourne seismic survey, south of Tambo Queensland 1961.
  Bureau of Mineral Resources, Australia, Record 64/73

  Bigg-Wither A.L., Davies J.S.
  Westbourne seismic survey, south of Tambo Queensland 1961.
STORAGE :
  :Australian Archives (BMR file 1981-142)
    Tape Boxes             A1725
    Record Boxes           A1724
    Data Sheet Boxes       A5692
PEDIN :
  :Unique Survey Number  S4610067
  :Date of Entry         July 1986
PROJECT: Moree, N.S.W., 1962.
SURVEY NUMBER: 54
BASIN: Surat, Sydney
MAP SHEET: 1:250000
: SH/55-08
: Moree
LOCATION: W. Longitude 149.75
: E. Longitude 150.25
: N. Latitude 28.75
: S. Latitude 30.0
EQUIPMENT: Amplifiers TI 8000
: Magnetic Tape Electro-Tech DS7-700
: TIC 6Hz.
FORMAT: Analogue, amplitude modulation.
PARAMETERS: Low-cut filter K22 Hz
: High-cut filter K125 Hz
: Charge size 20 to 30 lbs. (GEOPHEX)
: Shot Hole Depth 20 to 120 feet.
GEOMETRY: Spread 1320-0-1320 feet (split),
: 1800-0-1800 feet (split),
: Trav J, V.
: Geophone spacing 110 ft for 1320-ft spread.
: 150 ft for 1800-ft spread.
: Geophone pattern 6 in line 22 feet apart.
: 12 in line 20 feet apart.
: 12 in line 10 feet apart.
: CDP fold single
DATA: Tape Boxes
: 54-TB144 to 54-TB146 continuous.
: Record Boxes
: 54-RB388 to 54-RB397 continuous.
: Data Sheet Boxes
: SURVEY 54-1
: Cylinders
: None
RESULTS: Drawing Office Numbers
: G55-B3-21 to H55-B3-16,
: H55-B3-1 to H55-B3-3,
: H55-B3-19 to H55-B3-23,
: Publications
: Lodwick K.B., Bigg- Wither A.L.
: Moree area seismic survey, New South Wales 1962.
: Bureau of Mineral Resources, Australia, Record 64/109
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN: Unique Survey Number S2620062
: Date of Entry July 1986
SURVEY NUMBER: 55
BASIN: Amadeus
MAP SHEETS: 1:250000
: SF/53-13
: Hermannsburg
LOCATION:
: W. Longitude 132.0
: E. Longitude 132.5
: N. Latitude 23.5
: S. Latitude 24.0
TRAVERSES: L, LW, LX, LY, LZ, M, MX.

EQUIPMENT:
: Amplifiers HTL 7000B
: Magnetic Tape Electro-tech DS7-700
: Geophones Electro-tech 20Hz, TIC 6Hz.

FORMAT:
: Analogue, amplitude modulation.

PARAMETERS:
: Low-cut filter 24Hz
: High-cut filter 75Hz
: Charge size 30 to 40lbs. (GEOPHEX)
: Shot Hole Depth 52 feet

GEOMETRY:
: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet
: Geophone pattern 6 in line 22 feet apart, or 12 in line 10 feet apart.
: CDP fold single

DATA:
: Tape Boxes 55-TB125 to 55-TB128 continuous.
: Record Boxes 55-RB316 to 55-RB329 continuous.
: 55-RB337 to 55-RB340 continuous.
: Data Sheet Boxes SURVEY 55-1 and 55-2.
: Cylinders 81, 82, 90, 91, 103, 107, 120, 190

RESULTS:
: Drawing Office Numbers
  F53-B3-24, F53-B3-67, F53-B3-58
  F53-B3-26 to F53-B3-57 inclusive
: Publications

Moss F.J.
Gosses Bluff seismic survey, Amadeus Basin,
Northern Territory, 1962.
Bureau of Mineral Resources, Australia, Record 64/66

STORAGE:
: Australian Archives (BMR file 1981-142)
  Tape Boxes A1725
  Record Boxes A1724
  Data Sheet Boxes A5692

PEDIN:
: Unique Survey Number S8620063
: Date of Entry July 1986
SURVEY NUMBER: 56
BASIN: Amadeus
MAP SHEETS: 1:250000
: SG/53-02, SF/53-14
: Rodinga, Alice Springs.
LOCATION: W. Longitude 133.5
: E. Longitude 134.5
: N. Latitude 23.75
: S. Latitude 24.25
TRAVERSES: G, GX, GY, N, NX, NW.
EQUIPMENT: Amplifiers HTL 7000B
: Magnetic Tape Electro-tech DS7
: Geophones Electro-tech 20Hz, TIC 6Hz.
FORMAT: Analogue, frequency modulation.
PARAMETERS: Low-cut filter K18 Hz
: High-cut filter K75 Hz
: Charge size 30 to 40 lbs. (GEOPHEX)
: Shot Hole Depth 67 feet
GEOMETRY: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart
: CDP fold single
DATA: Tape Boxes
: 56-TB119 to 56-TB121 continuous.
: Record Boxes
: 56-RB302, 304 to 309 continuous,
: 333 to 335 continuous.
: Data Sheet Boxes
: SURVEY 56-1 and 56-2.
: Cylinders
: None
RESULTS: Drawing Office Numbers
: F53-B3-106-1, F53-B3-79,
: F53-B3-26-1, F53-B3-27-1, F53-B3-70,
: F53-B3-59 to F53-B3-66 inclusive
: F53-B3-84 to F53-B3-87 inclusive
: F53-B3-104 to F53-B3-106 inclusive
: Publications
Moss F.J.
: Ooraminna seismic survey, Amadeus Basin,
: Northern Territory 1962.
: Bureau of Mineral Resources, Australia, Record 66/57
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes
: Record Boxes
: Data Sheet Boxes
PEDIN: Unique Survey Number S8620065
: Date of Entry July 1986
SURVEY NUMBER: 57

PEDIN: Unique Survey Number S0610064
      Date of Entry July 1986
SURVEY NUMBER: 58
BASIN: Amadeus
MAP SHEETS: 1:250000
: SF/53-14
: Alice Springs
LOCATION: W. Longitude 133.75
: E. Longitude 134.0
: N. Latitude 23.5
: S. Latitude 24.0
TRAVERSSES: G, J, K, X, Y.

EQUIPMENT: Amplifiers HTL 700Bed
: Magnetic Tape DS7-700ted
: Geophones Electro-Tech 20 Hz, TIC 6 Hz.

FORMAT: Analogue, amplitude modulation.

PARAMETERS: Low-cut filter K18 Hz
: High-cut filter K75 Hz.
: Charge size 10 lbs. (GEOPHEX)
: Shot Hole Depth 60 feet.

GEOMETRY: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern 6 in line 22 feet apart.
: CDP fold single

DATA: Tape Boxes 58-TB130
: Record Boxes 58-RB341
: Data Sheet Boxes: None
: Cylinders 217

RESULTS: Drawing Office Numbers
: F53-B3-9 to F53-B3-15 inclusive
: Publications

Moss F.J.
Alice Springs (Farm Area) seismic refraction survey,
Northern Territory, 1961.
Bureau of Mineral Resources, Australia, Record 63/6

STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN: Unique Survey Number R8620066
: Date of Entry July 1986
SURVEY NUMBER: 59
BASIN: Amadeous
MAP SHEETS: 1:250000, SF/53-14, Alice Springs.
LOCATION: W. Longitude 132.5, 133.0, 23.5, 24.0

TRAVERSES: Site Investigation Only

EQUIPMENT: Amplifiers not relevant, Magnetic Tape not relevant, Geophones not relevant

FORMAT: Anologue, not relevant
PARAMETERS: Low-cut filter not relevant, High-cut filter not relevant, Charge size not relevant, Shot Hole Depth not relevant

GEOMETRY: Spread not relevant, Geophone spacing not relevant, Geophone pattern not relevant, CDP fold single

DATA: Tape Boxes None, Record Boxes 59-RB342, Data Sheet Boxes None, Cylinders None

RESULTS: Drawing Office Numbers, Publications

Jones B.F.
Seismic investigations of observatory sites near Alice Springs, Northern Territory 1962.
Bureau of Mineral Resources, Australia, Record 65/59

STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725, Record Boxes A1724, Data Sheet Boxes A5692

PEDIN: Unique Survey Number 8620067, Date of Entry July 1986
SURVEY NUMBER: 60
BASIN: Canning
MAP SHEETS: 1:250000
: SE/51-12, SE/51-16
: Noonkanbah, Crossland.
LOCATION
: W. Longitude 124.5
: E. Longitude 126.0
: N. Latitude 18.0
: S. Latitude 20.0
TRAVERSES: A, C
EQUIPMENT
: Amplifiers C.G.G.-59
: Magnetic Tape Electro-tech MTD-1
: Geophones HS-K 20Hz
FORMAT: Analogue, amplitude modulation.
PARAMETERS
: Low-cut filter various
: High-cut filter various (GEOPHEX)
: Charge size various
: Shot Hole Depth various
GEOMETRY
: Spread 1800-0-1800 feet (split).
: Geophone spacing 150 feet.
: Geophone pattern 24 in line 15 feet apart.
: CDP fold single
DATA
: Tape Boxes
: 60-TB155 to 60-TB165 continuous.
: Record Boxes
: 60-RB344 to 60-RB356 continuous.
: Data Sheet Boxes
: SURVEY 60-1 to 60-3 continuous.
: Cylinders
: 67, 68
RESULTS
: Drawing Office Numbers
: E51-B3-1 to E51-B3-32
: Publications
Compagnie Generale de Geophysique.
Bureau of Mineral Resources, Australia, Record 74/43
Ferrand J.
Discussion of the Final Report and
Analysis of some Related Problems.
Unpublished.
STORAGE
: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN
: Unique Survey Number S6620067
: Date of Entry July 1986
PROJECT: St George-Eulo, Qld., 1962.
SURVEY NUMBER: 61
BASIN: Great Artesian, Surat, Nebine Ridge, Eulo Shelf.
MAP SHEETS: 1:250000
: SH/55-03, SH/55-02
: Dirranbandi, Cunnamulla.
LOCATION: W. Longitude 144.75
: E. Longitude 148.75
: N. Latitude 27.25
: S. Latitude 28.25

TRAVERSES: A, B, C, D, E, F, G, H, I, N

EQUIPMENT: Amplifiers TI 8000, 24 channel.
: Magnetic Tape Electro-Tech DS7-700.
: Geophones Electro-Tech 20Hz, TIC 6Hz.

FORMAT: Analogue, amplitude modulation.

PARAMETERS: Low-cut filter K22 Hz
: High-cut filter K125 Hz
: Charge size 10 to 30 lbs. (GEOPHEX)
: Shot Hole Depth 170 feet.

GEOMETRY: Spread 1800-0-1800 feet (split).
: Geophone spacing 150 feet.
: Geophone pattern 6 in line 22 feet apart.
: CDP fold single

DATA: Tape Boxes
: 61-TB72 to 61-TB74 continuous.
: Record Boxes
: 61-RB186 to 61-RB193 continuous and RB629.
: Data Sheet Boxes
: SURVEY 61-1 to 61-3.
: Cylinders
: 1(a)

RESULTS: Drawing Office Numbers
: G55-B3-26 to G55-B3-38, G55-B3-21-2.

Publications
Davies J.S., Lodwick K.B.
St. George - Eulo reconnaissance seismic survey,
Bureau of Mineral Resources, Australia, Record 66/144

STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN: Unique Survey Number $4620068
: Date of Entry July 1986
SURVEY NUMBER : 62
BASIN : Eromanga
MAP SHEETS : 1:250000
: SG/54-14, SG/54-15, SG/54-16, SG/55-13, SH/54-02
: SH/54-03, SH/54-04, SH/55-01
: Innaminka, Durham Downs, Thargomindah, Tompines,
: Strzelecki, Tickalara, Bullo, Eulo.
LOCATION : W.Longitude 141.0
: E.Longitude 144.0
: N.Latitude 27.25
: S.Latitude 28.25
TRAVERSES : J, K, L, N, O, P
EQUIPMENT : Amplifiers TI 8000, 24 channel.
: Magnetic Tape Electro-Tech DS7-700
: Geophones Electro-Tech EVS2B, 20Hz.
: TIC 6Hz.
FORMAT : Analogue, amplitude modulation.
PARAMETERS : Low-cut filter K22 Hz
: High-cut filter K92 Hz
: Charge size 10 to 20 lb (GEOPHEX)
: Shot Hole Depth 50 to 80 ft in east (Trav.L),
: 80 to 120 ft in west.
GEOMETRY : Spread 1800-0-1800 feet (split).
: Geophone spacing 150 feet.
: Geophone pattern 6 in line 22 feet apart.
: CDP fold single
DATA : Tape Boxes
: Record Boxes
: 62-RB194 to 62-RB205 continuous.
: Data Sheet Boxes
: SURVEY 64-1 and 64-2.
: Cylinders
: 1
RESULTS : Drawing Office Numbers
: G54-B3-1 to G54-B3-3
: G54-B3-6 to G54-B3-10
: G54-B3-24
: G54-B3-61
Publications

Davies J.S., Robertson C.S.
Thargomindah-Noccundra area reconnaissance seismic surveys, Eromanga Basin, Qld, 1962-63.
Bureau of Mineral Resources, Australia, Record 66/177

Lodwick K.B.
Bureau of Mineral Resources, Australia, GPR No. 63/6

Lodwick K.B., Jones P.
Thargomindah-Noccundra area reconnaissance seismic survey, Eromanga Basin, Qld, 1963.
Bureau of Mineral Resources, Australia, Record 64/72

Davies J.S.
Thargomindah-Noccundra area reconnaissance seismic survey, Eromanga Basin, Qld, 1963.
Bureau of Mineral Resources, Australia, GPR No. 64-4.

Storage:
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN:
Unique Survey Number S4620070
Date of Entry July 1986

**SURVEY NUMBER**: 63 (includes Survey 70)

**BASIN**: Georgina Basin

**MAP SHEETS**: 1:250000
- SF/54-09, SF/54-10, SF/54-13, SF/54-01, SG/54-02, SF/54-14,
- Glenormiston, Boulia, Mount Whelan, Bedourie, Machattie, Springvale.

**LOCATION**
- W. Longitude 138.5
- E. Longitude 140.5
- N. Latitude 23.0
- S. Latitude 24.5

**TRAVERSES**
- A, B, C, D, E, F, G, H, I, J, K, L,

**EQUIPMENT**
- Amplifiers: HTL 7000B, 24 channel.
- Magnetic Tape: Electro-tech DS7-700
- Geophones: HS-J 14Hz.

**FORMAT**
- Analogue, amplitude modulation.

**PARAMETERS**
- Low-cut filter: K18 Hz (trav. N, R, A)
- K24 Hz (trav. V, B, S, A)
- High-cut filter: K92 Hz
- K120 Hz
- K160 Hz

**GEOMETRY**
- Spread: 1800-0-1800 feet (split).
- 600-0-600 feet (split).
- 900-0-900 feet (split).
- Geophone spacing: 50 feet.
- 75 feet.
- 150 feet.
- Geophone pattern: 16 in line 10 ft or 20 feet apart.
- CDP fold: single and 12 fold.

**DATA**
- Tape Boxes: 63-TB90 to 63-TB94 continuous.
- 70-TB95 to 70-TB103 continuous.
- Record Boxes: 63-RB235 to 63-RB246 continuous.
- 70-RB248 to 70-RB269 continuous.
- Data Sheet Boxes: SURVEY 63-1 and 63-2.
- SURVEY 70-1 to 70-5 continuous.
- Cylinders: 2, 6, 7, 9, 11, 25, 35, 50 (33 ?)
RESULTS
: Drawing Office Numbers
   G54-B3-4 to G54-B3-6
   F54-B3-4,F54-B3-50

: Publications
Jones P., Robertson C.S.
South-eastern Georgina Basin seismic survey,
Bureau of Mineral Resources, Australia, Record 67/90

Jones P.
South-eastern Georgina Basin seismic survey,
Queensland, 1964.
Bureau of Mineral Resources, Australia, Record 65/39

Robertson C.S.
South-eastern Georgina Basin seismic survey,
Queensland, 1963.
Bureau of Mineral Resources, Australia, Record 65/75

Robertson C.S.
South-eastern Georgina Basin seismic survey,
Queensland, 1963.
Bureau of Mineral Resources, Australia, GPR 64/2

STORAGE
: Australian Archives (BMR file 1981-142)
   Tape Boxes A1725
   Record Boxes A1724
   Data Sheet Boxes A5692

PEDIN
: Unique Survey Number S4630092
: Date of Entry July 1986
SURVEY NUMBER: 64
PEDIN: Unique Survey Number S4520070
: Date of Entry July 1986
SURVEY NUMBER: 65 (also includes 66, 68, 69)
BASIN: Carnarvon
MAP SHEETS: 1:250000
: SG-50-10, SG-50-01, SG-50-05
: SG-49-04
: Byro, Kennedy Range, Wooramal, Quobba

LOCATION:
: W. Longitude 114.5
: E. Longitude 116.25
: N. Latitude 25.0
: S. Latitude 26.0

TRAVESES:
: A, B, BX2, C, D

EQUIPMENT:
: Amplifiers TI 8000, 24 channel.
: Magnetic Tape Electro-Tech DS7-700
: Geophones Electro-Tech 4.5Hz and 20Hz.
: TIC 20Hz.

FORMAT PARAMETERS:
: Analogue, amplitude modulation.
: Low-cut filter K11, K18
: High-cut filter K92, K125.
: Charge size 30 to 150 lbs. (GEOPHEX)
: Shot Hole Depth 60 to 150 feet.

GEOMETRY:
: Spread 1800-0-1800 feet (split)
: Geophone spacing 150 feet.
: Geophone pattern 6 in line 22 feet apart.
: 3 in line 50 feet apart.
: CDP fold single

DATA:
: Tape Boxes
: 66-TB81 to 66-TB83 continuous.
: 65-TB84 to 65-TB89 continuous.
: Record Boxes
: 66-RB213 to 65-RB221 continuous.
: 65-RB222 to 65-RB234 continuous.
: 69-RB270 to 69-RB275 continuous.
: 68-RB276 to 68-RB283 continuous.
: 69-RB284 to 69-RB288 continuous.
: Data Sheet Boxes
: SURVEY 69-1 and 69-2.
: Cylinders
: 3, 10, 12, 73 (17?)
: 218, 219, 220
RESULTS
:

Drawing Office Numbers
:

G50-B3-113
:

G50-B3-129, G50-B3-137, G50-B3-138
:

G50-B3-146, G50-B3-148, G50-B3-153
:

Publications

Raitt J.S., Turpie A.

Southern Carnarvon Basin seismic survey

(Traverse D Pelican Hill bore), Western Australia.

Bureau of Mineral Resources, Australia, Record 65/40

Turpie A.


(Traverse B - Byro Basin)

Bureau of Mineral Resources, Australia, Geophysical Progress Report No. 64/7.

Valentine R.J.H., Turpie A.

Southern Carnarvon Basin seismic survey, W.A. 1964,

(Traverse C, Gascoyne Junction).

Bureau of Mineral Resources, Australia, Record 67/10

STORAGE
:

Australian Archives (BMR file 1981-142)

Tape Boxes A1725

Record Boxes A1724

Data Sheet Boxes A5692

PEDIN
:

Unique Survey Number S6630087

Date of Entry July 1986
SURVEY NUMBER: 66
PEDIN: Unique Survey Number: S6630087
: Date of Entry: July 1986
SURVEY NUMBER: 67
BASIN: Perth
MAP SHEETS: 1:250000
:SH 50-14
:Perth
LOCATION:
:W.Longitude 115.75
:E.Longitude 116.5
:N.Latitude 31.5
:S.Latitude 31.75
TRAVES: A, B
EQUIPMENT:
:Amplifiers TI 8000, 24 channel.
:Magnetic Tape Electro-Tech DS7-700.
:Geophones Electro-Tech EVS 8B 4.5Hz
:Electro-Tech EVS 2B 20Hz
:Magnetic Tape Electro-Tech DS7-700. (Trav A)
:EVS 2B 20Hz (Trav B)

FORMAT:
:Analogue, amplitude modulation.
LOW-CUT FILTER:
:K27 Hz (Trav A)
:K22 Hz (Trav B)
:K72 Hz (Trav A)
:K92 Hz (Trav B)
:Charge size 45 x 10 lb. (Trav A)
:7 x 20 lb, 10 x 10 lb. (Trav B)
:Shot Hole Depth 30 ft. (Trav A)
:70 ft and 100 ft. (Trav B)

GEOMETRY:
:Spread 1800-0-1800 feet (split).
:Geophone spacing 150 feet.
:Geophone pattern 24 in line 21 ft apart (Trav A)
:24 in line 12.5 ft apart (Trav B)

DATA:
:Tape Boxes 67-TB153 and 67-TB154
:Record Boxes 67-RB405 to 67-RB410 continuous and RB590.
:Data Sheet Boxes SURVEY 67-1 to 67-3.
:Cylinders 4, 65, 74
RESULTS

: Drawing Office Numbers
H50-B3-1, H50-B3-3,
H50-B3-8 to H50-B3-10
H50-B3-14 to H50-B3-18,
H50-B3-27, H50-B3-28,
H50-B3-16-1, H50-B3-17-1, H50-B3-18-1.

: Publications
Walker D.J., Jones B.F.
Bureau of Mineral Resources, Australia, Record 66/203

Walker D.J., Raitt J.S.
Bureau of Mineral Resources, Australia, Record 64/155

STORAGE

: Australian Archives (BMR file 1981-142)
Tape Boxes  A1725
Record Boxes  A1724
Data Sheet Boxes  A5692

PEDIN

: Unique Survey Number  S640058
: Date of Entry  July 1986
SURVEY NUMBER: 68

PEDIN: Unique Survey Number  S6630087
       Date of Entry           July 1986
SURVEY NUMBER: 70

PEDIN: Unique Survey Number: S4630092
Date of Entry: July 1986
**PROJECT**
S.Georgina, Cockroach, QLD, 1964.

**SURVEY NUMBER**
71

**BASIN**
Georgina

**MAP SHEETS**
1:250000
SF/53-12
Tobermory

**LOCATION**
W. Longitude 137.25
E. Longitude 137.5
N. Latitude 22.25
S. Latitude 22.5

**TRAVERSES**
A

**EQUIPMENT**
Amplifiers HTL 7000B, 24 channel.
Magnetic Tape Electro-Tech DS7-700
Geophones HS-J 20 Hz.

**FORMAT**
Analogue, amplitude modulation.

**PARAMETERS**
Low-cut filter K18 Hz
High-cut filter K160 Hz
Charge size Single holes 60 lb, 5x20 lb, 10x10 lb, 20x2.5 lb, 20x5 lb.
Shot Hole Depth 105 ft, 30 ft.

**GEOMETRY**
Spread 1800-0-1800 feet (split).
Geophone spacing 150 feet.
Geophone pattern 8 in line 20 ft. apart. 4 lines, 30 ft. between lines.
CDP fold single

**DATA**
Tape Boxes 71-TB109 to 71-TB118 continuous.
Record Boxes 71-RB289 to 71-RB298 continuous. 71-RB300.
Data Sheet Boxes SURVEY 71-1
Cylinders None

**RESULTS**
Publications
Chenon C.
Cockroach Waterhole Area, Experimental Seismic Survey Northern Territory 1964.
Bureau of Mineral Resources, Australia, Record 66/75

**STORAGE**
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

**PEDIN**
Unique Survey Number S4640059
Date of Entry July 1986
PROJECT : BMR 12 (Cockroach) Well, QLD. 1964
SURVEY NUMBER : 72
BASIN : Georgina
MAP SHEETS : 1:250000
: SF-53-12
: Tobermory

LOCATION : W. Longitude 137.25
: E. Longitude 137.5
: N. Latitude 22.25
: S. Latitude 22.5

TRAVERSES : Well Velocity Survey.

EQUIPMENT : Amplifiers
: Magnetic Tape
: Geophones

FORMAT :

PARAMETERS : Low-cut filter
: High-cut filter
: Charge size
: Shot Hole Depth

GEOMETRY : Spread
: Geophone spacing
: Geophone pattern
: CDP fold

DATA : Tape Boxes
: 72-TB109 to 72-TB118 continuous.
: Record Boxes
: 72-RB289 to 72-RB300 continuous.
: Data Sheet Boxes
: None
: Cylinders
: None

RESULTS : Drawing Office Numbers
: F53-B3-97, F53-B3-99, F53-B3-100,
: F53-B3-111 to F53-B3-113.

Publications
Chenon C.
B.M.R. 12 (Cockroach) Well velocity survey,
Northern Territory, 1964.
Bureau of Mineral Resources, Australia, Record 66/131

STORAGE : Australian Archives (BMR file 1981-142)
: Tape Boxes
: A1725
: Record Boxes
: A1724
: Data Sheet Boxes
: A5692

PEDIN : Unique Survey Number
: S4640060
: Date of Entry
: July 1986
PROJECT: Otway and Sydney Basins, Vibroseis contract. 196
SURVEY NUMBER: 73
BASIN: Otway, Sydney.
MAP SHEETS: 1:250,000, SJ/54-6, Penola
LOCATION: W.Longitude 140.75, E.Longitude 141.0, N.Latitude 37.5, S.Latitude 38.0
TRAVERSES: Volcanics V1, V2, V3 (Vic), Gambier Limestone GL1, GL2, GL3, Sand dune SD1, SD2, SD3, Hawkesbury Sandstone HS1, HS2, HS3, Built-up area BUlone HS1, HS2, HS3
EQUIPMENT: Amplifiers not relevant, Magnetic Tape not relevant, Geophones not relevant
FORMAT: Low-cut filter not relevant, High-cut filter not relevant, Charge size VIBROSEIS, Shot Hole Depth not relevant
PARAMETERS: Spread experimental, Geophone spacing experimental, Geophone pattern experimental, CDP fold experimental
GEOMETRY: Tape Boxes: 73-TB413 to 73-TB451 continuous.
: Record Boxes: 73-RB523 to 73-RB526 continuous.
: Data Sheet Boxes: SURVEY 73-1 to 73-5 continuous.
: Cylinders: 41, 42, 53, 54, 55, 56, 60, 225
RESULTS: Drawing Office Numbers
: J54-B3-8 to J54-B3-10,
: J54-B3-13 to J54-B3-18,
: G438-1-1.
Publications
Seismograph Service Ltd.
Otway and Sydney Basins experimental "Vibroseis" survey, 196
Bureau of Mineral Resources, Australia, Record 65/198
Moss F.J.
Experimental Surveys using the Vibroseis method.
Moss F.J.
Some observations on the use of the Vibroseis method.
Bureau of Mineral Resources, Australia, Record 65/195

STORAGE
Australian Archives (BMR file 1981-142)
Tape Boxes  A1725
Record Boxes  A1724
Data Sheet Boxes  A5692

PEDIN
Unique Survey Number  S0640061
Date of Entry  July 1986
**PROJECT**  
: Otway and Sydney Basin follow up  
: comparison with Vibroseis survey.  

**SURVEY NUMBER**  
: 74

**BASIN**  
: Otway and Sydney

**MAP SHEETS**  
: 1:250000  
: SJ/54-02, SJ/54-06, SI/54-14, SI/56-01.  
: Naracoorte, Penola, Pinnaroo, Singleton.

**LOCATION**  
: W. Longitude 144.0  
: E. Longitude 153.0  
: N. Latitude 33.0  
: S. Latitude 38.0

**TRAVERSSES**  
: V2, V3, GL2, GL3, SD2, HS1, HS2, HS3, HS4

**EQUIPMENT**  
: Amplifiers HTL 7000B, 24 channel.  
: Magnetic Tape PMR-20 Electro-Tech. DS7-700.  
: Geophones HS-J 14Hz.

**FORMAT**  
: Analogue, amplitude-frequency modulation.

**PARAMETERS**  
: Low-cut filter Out  
: High-cut filter K92 Hz  
: Charge size Experimental  
: Shot Hole Depth Experimental

**GEOMETRY**  
: Spread Experimental  
: Geophone spacing Experimental  
: Geophone pattern Experimental  
: CDP fold Experimental

**DATA**  
: Tape Boxes  
: 74-TB131 to 74-TB135 continuous.  
: Record Boxes  
: 74-RB357 to 74-RB370 continuous.  
: Data Sheet Boxes  
: SURVEY 74-1 to 74-3.  
: Cylinders  
: 13, 14, 21, 226

**RESULTS**  
: Drawing Office Numbers  
: J540B3-4, 6, 7, 44, 45A, 47,  
: J54-B3-15 to J54-B3-24 inclusive  
: J54-B3-26 to J54-B3-42 inclusive  
: I56-B3-20 to I56-B3-32 inclusive,  
: I56-B3-36 to I56-B3-40 inclusive,  
: I56-B3-16, V-B3-1, G438-4.
Publications

Jones B.F.
Otway Basin (Gambier Limestone and Sand Dune projects) experimental seismic survey for comparison with a "Vibroseis" survey, 5th August, 1965.
Bureau of Mineral Resources, Australia, Record 66/176

Raitt J.S.
Otway Basin experimental seismic survey for comparison with the "Vibroseis" survey, Victoria, 1965- Volcanics Project.
Bureau of Mineral Resources, Australia, Record 66/25

Schwing E.H., Moss F.J.
Experimental seismic survey using explosives for comparison with a "Vibroseis" survey in the Otway and Sydney Basins, 1965 & 1966.
Bureau of Mineral Resources, Australia, Record 74/157

Schwing E.H.
Sydney Basin experimental seismic survey for comparison with a "Vibroseis" survey, NSW 1965.
Bureau of Mineral Resources, Australia, Record 66/115

STORAGE :Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN :Unique Survey Number S0650051
:Date of Entry July 1986
SURVEY NUMBER: 75
BASIN: Georgina
MAP SHEETS: 1:250000
  : SF/53-08, SF/54-05, SF/53-12, SF/54-09
  : Sandover River, Urangangi, Tobermory, Glenormiston.
LOCATION: W. Longitude 137.5
  : E. Longitude 138.25
  : N. Latitude 21.25
  : S. Latitude 22.75

TRAVERSES: A, B, C, D, E

EQUIPMENT:
  : Amplifiers TI 8000 Explorer.
  : Magnetic Tape Electro-Tech DS7-700
  : Geophones EVS-2B, 20Hz.
FORMAT:
  : Analogue, amplitude modulation.
PARAMETERS:
  : Low-cut filter K18 Hz
  : High-cut filter K160 Hz
  : Charge size 100 to 130 lbs. (GEOPHEX)
  : Shot Hole Depth 20 to 30 feet.

GEOMETRY:
  : Spread 1800-0-1800 feet (split).
  : Geophone spacing 150 feet.
  : Geophone pattern 8 in line 3 feet apart.
  : CDP fold single

DATA:
  : Tape Boxes 75-TB109 to 75-TB118 continuous.
  : Record Boxes 75-RB289 to 75-RB300 continuous.
  : Data Sheet Boxes SURVEY 75-1 to 75-6 continuous.
  : Cylinders 15, 18, 32, 229

RESULTS:
  : Drawing Office Numbers F53-B3-121, 160.
  : Publications
    Montecchi P., Robertson C.S.
    Southern Georgina Basin seismic survey Northern Territory
    and Queensland 1965.
    Bureau of Mineral Resources, Australia, Record 66/28
    Davies J.S.
    Southern Georgina Basin seismic survey, Northern Territory
    and Queensland 1965.
    Bureau of Mineral Resources, Australia, Record 74/89

STORAGE:
  : Australian Archives (BMR file 1981-142)
    Tape Boxes A1725
    Record Boxes A1724
    Data Sheet Boxes A5692

PEDIN:
  : Unique Survey Number S4650053
  : Date of Entry July 1986
SURVEY NUMBER: 76
BASIN: Timor Sea
MAP SHEETS: 1:250000
: SC/52-15
: Bathurst Island
LOCATION: W. Longitude 127.0
: E. Longitude 137.0
: N. Latitude 9.5
: S. Latitude 15.0
TRAVERSES: 3600 Naut. Miles of Traverse (Marine Survey)
EQUIPMENT: Amplifiers E.G. & G. Recorder
: Magnetic Tape none
: Geophones not relevant
FORMAT: Analogue, frequency modulation.
PARAMETERS: Low-cut filter not relevant
: High-cut filter not relevant
: Charge size sparker
: Shot Hole Depth not relevant
GEOMETRY: Spread not relevant
: Geophone spacing not relevant
: Geophone pattern not relevant
: CDP fold single
DATA: Tape Boxes
: 76-TB346 to 76-TB399 continuous.
: Record Boxes
: None
: Data Sheet Boxes
: None
: Cylinders
: 100, 101, 102
RESULTS: Drawing Office Numbers
: D51-B3-1, D51-B3-10, D51-B3-11.
: Publications
Smith E.R.
Bureau of Mineral Resources, Australia, Record 66/72
STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692
PEDIN: Unique Survey Number $6650054
: Date of Entry July 1986
SURVEY NUMBER :77
BASIN: Eromanga
MAP SHEETS: 1:250000
:SF/54-03, SF/54-04, SF/54-07, SF/54-08,
:Julia Creek, Richmond, McKinley, Manuka.
LOCATION:
:W. Longitude 141.0
:E. Longitude 144.0
:N. Latitude 20.0
:S. Latitude 22.0
EQUIPMENT:
:Amplifiers HLT 7000B, 24 channel.
:Magnetic Tape PMR 20 and DS7-700
:Geophones HS-J 14Hz.
:Electro-Tech 4.5Hz.
FORMAT:
:Analogue, frequency and amplitude modulation.
PARAMETERS:
:Low-cut filter K18 Hz
:High-cut filter K120 Hz
:Charge size 10 to 50 lbs. (GEOPHEX)
:Shot Hole Depth 80 to 120 feet.
GEOMETRY:
:Spread 1800-0-1800 feet (split).
:Geophone spacing 150 feet.
:Geophone pattern 8 in line 20 feet apart.
:CDP fold single
DATA:
:Tape Boxes 77-TB136 to 77-TB142 continuous.
:Record Boxes 77-RB371 to 77-RB387 continuous.
:Data Sheet Boxes SURVEY 77-1, 77-2 and 77-3.
:Cylinders 16, 17, 23, 40
RESULTS:
:Drawing Office Numbers
: F54/B1/29, F54/B3-176-1,
: F55/B3-57, F55/B3-56-1,
: F54/B3-185 to F54/B3-208 inclusive
:Publications
Jones P.,
Flinders River seismic survey, Queensland 1966.
Bureau of Mineral Resources, Australia, Record 70/52
Jones P. and Brown A.R.,
Flinders River seismic survey, Queensland, 1966.
Bureau of Mineral Resources, Australia, Record 67/164
STORAGE:
:Australian Archives (BMR file 1981-142)
:Tape Boxes A1725
:Record Boxes A1724
:Data Sheet Boxes A5692
PEDIN:
:Unique Survey Number S4660043
:Date of Entry July 1986
SURVEY NUMBER : 78
BASIN : Otway.
MAP SHEETS : 1:250000
SJ/54-07, SJ/54-11, SJ/54-12, SJ/55-09
Hamilton, Portland, Colac, Queenscliff.
LOCATION : W. Longitude 144.0
E. Longitude 145.0
N. Latitude 38.0
S. Latitude 38.5
EQUIPMENT : Amplifiers TI 8000, 24 channel
Magnetic Tape Electro-Tech DS7-700
Geophones Electro Tech EVS2B 20Hz.
Electro Tech EVS8B 4.5Hz.
FORMAT : Analogue, amplitude modulation.
PARAMETERS : Low-cut filter K18 Hz
High-cut filter K125 Hz
Charge size 11.5 kg.
Shot Hole Depth 12 to 18 m.
GEOMETRY : Spread 274-0-274 metres (split).
Geophone spacing 22.9 m.
Geophone pattern 24 in line 3 m apart.
CDP fold single
DATA : Tape Boxes
78-TB166 to 78-TB170 continuous.
Record Boxes
78-RB411 to 78-RB412 and 414 to 422 continuous.
Data Sheet Boxes
SURVEY 78-1 and 78-5.
Cylinders
22, 34, 44, 115.
RESULTS : Drawing Office Numbers
J54-B3-88A, J55-B3- 23, 25, 26, 27, 28, 29, 30A,
Publications
Branson J.C., Mathur S.P.
Bureau of Mineral Resources, Australia, Record 74/187
STORAGE : Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN : Unique Survey Number S3670023
Date of Entry July 1986
SURVEY NUMBER : 79
BASIN : Ngalia.
MAP SHEETS : 1:250000
: SF/52-12
: Mount Doreen
LOCATION : W. Longitude 130.5
: E. Longitude 132.0
: N. Latitude 22.0
: S. Latitude 23.0
TRAVERSES : A, B
EQUIPMENT : Amplifiers TI 8000, 24 channel
: Magnetic Tape Eletro-Tech DS7-700
: Electro-Tech EVS-8B 4.5Hz.
FORMAT : Analogue, amplitude modulation.
PARAMETERS : Low-cut filter K18 Hz
: High-cut filter K120 Hz
: Charge size 50 lb
: Shot Hole Depth 120 ft
GEOMETRY : Spread 1800-0-1800 feet (split).
: Geophone spacing 150 feet.
: Geophone pattern 24 geophones-trace
in two rows of 12
rows 30ft apart, geophones
12ft apart.
: CDP fold single
DATA : Tape Boxes
: 79-TB171 to 79-TB173 continuous.
: Record Boxes
: 79-RB431 to 79-RB438 continuous.
: Data Sheet Boxes
: SURVEY 79-1
: Cylinders
: 35, 52, 126.
RESULTS : Drawing Office Numbers
F52-B3-1, F52-B3-3, F52-B3-5, F52-B3-11,
F52-B3-12, F52-B3-13.
: Publications
Jones P.
Ngalia Basin seismic survey, Northern Territory 1967.
Bureau of Mineral Resources, Australia, Record 69/69
STORAGE : Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN : Unique Survey Number S8670024
: Date of Entry July 1986
**SURVEY NUMBER**: 80
**BASIN**: Surat
**MAP SHEETS**: 1:250000
**:** SG/55-12
**: Roma.
**LOCATION**: 
  - W.Longitude: 148.0
  - E.Longitude: 150.0
  - N.Latitude: 26.0
  - S.Latitude: 27.0

**TRAVERSES**: 

**EQUIPMENT**: 
- Amplifiers: SIE PT 700, 24 channel.
- Magnetic Tape: PMR-20
- Geophones: HS-J 14Hz.
**FORMAT**: Analogue, frequency modulation.
**PARAMETERS**: 
- Low-cut filter varied
- High-cut filter varied
- Charge size varied
- Shot Hole Depth varied
- (GEOPHEX)

**GEOMETRY**: 
- Spread varied
- Geophone spacing varied
- Geophone pattern varied
- CDP fold: single

**DATA**: 
- Tape Boxes: 80-TB174 to 80-TB181 and 80-TB400 to 80-TB-403 continuous
- Record Boxes: 80-RB439 to 80-RB477 and 80-TB482 to 80-RB483 continuous.
- Data Sheet Boxes: SURVEY 80-1 and 80-21.
- Cylinders: 30, 36, 38, 39, 43, 45, 47, 48, 57.

**RESULTS**: 
- Drawing Office Numbers: G56-B5-66, G56-B5-67, G56-B5-70, G56-B5-71, G56-B5-75 to G56-B5-80, G56-B5-65A, G85-2-6A, G85-2-7A
- Publications: Smith E.R.
  Bureau of Mineral Resources, Australia, Record 68/1

**STORAGE**: 
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692

**PEDIN**: 
- Unique Survey Number: S4670025
- Date of Entry: July 1986
SURVEY NUMBER: 81
BASIN: Timor Sea.
MAP SHEETS: 1:250000

LOCATION:
- W. Longitude: 121.5
- E. Longitude: 132.0
- N. Latitude: 8.0
- S. Latitude: 14.0

TRAVERSES: Marine Survey

EQUIPMENT:
- Amplifiers: E.G. & G. Recorder
- Magnetic Tape:
- Geophones:
- Geophone section:
- Low-cut filter:
- High-cut filter:
- Charge size:
- Shot Hole Depth:

PARAMETERS:
- Marine Survey:
- Ampifiers:
- Magnetic Tape:
- Geophones:
- Geophone sections:
- Low-cut filter:
- High-cut filter:
- Charge size:
- Shot Hole Depth:

FORMAT:
- Sparker sections:
- Only:

GEOMETRY:
- Spread:
- Geophone spacing:
- Geophone pattern:
- CDP fold:

DATA:
- Tape Boxes:
- 81-TB182 to 81-TB345 continuous.
- Record Boxes:
- 81-RB478 to 81-RB479 continuous.
- 81-RB480 to 81-RB481 continuous.
- Data Sheet Boxes:
- None
- Cylinders:
- 24

RESULTS:
- Drawing Office Numbers:
  - C52/B8-18, D51/B3-19,
  - WA/B2-2-1, C52/B3-421.
- Publications:
  - Jones B.F.

STORAGE:
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692
- Australian Government Printer.
  - All sparker ray sections available from government printer.

PEDIN:
- Unique Survey Number: S0670026
- Date of Entry: July 1986
**SURVEY NUMBER** : 82
**BASIN** : Cooper.
**MAP SHEETS** : 1:250000

**LOCATION** :
- W. Longitude
- E. Longitude
- N. Latitude
- S. Latitude

**TRAVERSES** : Possible Recording of Atomic Explosions

**EQUIPMENT** :
- Amplifiers: not relevant
- Magnetic Tape: not relevant
- Geophones: not relevant
- Analogue: not relevant
- Low-cut filter: not relevant
- High-cut filter: not relevant
- Charge size: not relevant
- Shot Hole Depth: not relevant

**FORMAT** : not relevant
**PARAMETERS** : not relevant

**GEOMETRY** :
- Spread: not relevant
- Geophone spacing: not relevant
- Geophone pattern: not relevant
- CDP fold: single

**DATA** :
- Tape Boxes: None
- Record Boxes: 82-RB102 and 82-RB103.
- Data Sheet Boxes: none
- Cylinders: none

**RESULTS** :
- Drawing Office Numbers
- Publications
- BMR Record Numbers

**STORAGE** :
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692

**PEDIN** :
- Unique Survey Number: not entered
- Date of Entry: not entered
SURVEY NUMBER: 83
BASIN: Officer.
MAP SHEETS: 1:250000

LOCATION:
W. Longitude
E. Longitude
N. Latitude
S. Latitude

TRAVERSES:

EQUIPMENT:
Amplifiers
Geophones
Wilmore Seismograph.
TIC 621, 24 channel.0
Wilmore.
TIC 6Hz.

FORMAT:
Low-cut filter not stated.
High-cut filter not stated.
Charge size Atomic Bomb.
Shot Hole Depth Above ground.

GEOMETRY:
Spread not stated.
Geophone spacing not stated.
Geophone pattern not stated.
CDP fold not relevant.

DATA:
Tape Boxes none
Record Boxes 83-RB104
Data Sheet Boxes none
Cylinders None

RESULTS:
Drawing Office Numbers
G83-6 to G83-8
Publications

Everingham I.B.
Seismic Data obtained from the Atomic Test at Maralinga, South Australia, 1956.
Bureau of Mineral Resources, Australia, Record 58/89

STORAGE:
Australian Archives (BMR file 1981-142)
Record Boxes A1724

PEDIN:
Unique Survey Number not entered
Date of Entry
**PROJECT**
Ngalia Basin, 1968, NT.

**SURVEY NUMBER**
84

**BASIN**
Ngalia.

**MAP SHEETS**
1:250000
SF/52-12, SF/53-09
Mount Doreen, Napperby.

**LOCATION**
W. Longitude 130.5
E. Longitude 133.0
N. Latitude 22.25
S. Latitude 22.75

**TRAVERSES**
A, B, C, D, E, F, G, H, I, J.

**EQUIPMENT**
Amplifiers TI 8000
Magnetic Tape Electro-Tech DS7-700
Electro-Tech EVS-8B, 4.5Hz

**FORMAT**
Analogue, amplitude modulation.

**PARAMETERS**
Low-cut filter K18 Hz
High-cut filter K120 Hz
Charge size 50 lbs. (GEOPHEX)
Shot Hole Depth 120 feet

**GEOMETRY**
Spread 1800-0-1800 feet (split).
Geophone spacing 150 feet.
Geophone pattern 24 geophones-trace in two rows of 12, 30ft apart, geophones 12ft apart.
CDP fold single

**DATA**
Tape Boxes 84-TB404 to 84-TB408 continuous.
Record Boxes 84-RB484 to 84-RB500 continuous.
84-RB536
Data Sheet Boxes
Cylinders None

**RESULTS**
Drawing Office Numbers
F52-B3-22-1, F52-B3-22-2,
F52-B3-21, F52-B3-22,
F52/B3-11 to F52/B3-20-1 inclusive

Bureau of Mineral Resources, Australia, Record 68/136
Tucker D.H.
Ngalia Basin seismic survey, Northern Territory 1968.
Bureau of Mineral Resources, Australia, Record 69/70

**STORAGE**
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

**PEDIN**
Unique Survey Number S8680013
Date of Entry August 1986
PROJECT: Deep Crustal Reflection, 1968, Merbein, VIC. and Broken Hill, NSW.

SURVEY NUMBER: 85

BASIN: Murray Basin and Willyama Block.

MAP SHEETS: 1:250000
  SI/54-11, SI/54-12.
  Mildura, Broken Hill.

LOCATION:
  W. Longitude: 141.00
  E. Longitude: 142.00
  N. Latitude: 31.00
  S. Latitude: 35.00

TRAVERSES: A, B, C

EQUIPMENT:
  Amplifiers: TI 8000 Explorer.
  Magnetic Tape: DS7-700.
  Geophones: HS-J 14 Hz.

FORMAT:
  Analogue, amplitude modulation.

PARAMETERS:
  Low-cut filter: K14 Hz
  High-cut filter: K125 Hz
  Charge size: 23 kg per hole.
  Shot Hole Depth: 36 m

GEOMETRY:
  Spread: 1080-0-1080 m (split).
  Geophone spacing: 90 m
  Geophone pattern: 16 in line, 6 m apart.
  CDP fold: single

DATA:
  Tape Boxes: 85-TB410 to 412 and 85-602, 603, 622.
  Record Boxes: 85-RB501 to 85-RB522 continuous.
  Data Sheet Boxes: SURVEY 85-1 and 85-2.
  Cylinders: 100, 101, 102

RESULTS:
  Drawing Office Numbers:
    IS4-B3-5A, 6A, 9A, 11A, 12A, 13A, 14A, 15A, 16A,
    154-B3-19A, 20A, 21A, 25A,
    IS4-B3-7-1A, IS4-B3-10-1A, IS4-B3-18-1A,
    IS4-B3-22-1A, IS4-B3-23-1A, IS4-B3-24-1A.

  Publications:
    Branson J.C., Moss F.J., Taylor F.J.
    Branson J.C., Moss F.J., Taylor F.J.
    Bureau of Mineral Resources, Australia, Record 72/127

STORAGE:
  Australian Archives (BMR file 1981-142)
    Tape Boxes: A1725
    Record Boxes: A1724
    Data Sheet Boxes: A5692

PEDIN:
  Unique Survey Number: S0680014
  Date of Entry: August 1986
PROJECT: North West Continental Shelf, 1968, Timor Sea.
SURVEY NUMBER: 86
BASIN: Timor Sea.
MAP SHEETS: 1:250000
LOCATION: W. Longitude
E. Longitude
N. Latitude
S. Latitude
TRAVERSES: Marine Survey
EQUIPMENT: Amplifiers E.G. & G. Recorder
Magnetic Tape: none
Geophones: Hydrophones
FORMAT: Analogue, modulation.
PARAMETERS: Low-cut filter: not relevant
High-cut filter: not relevant
Charge size: sparkers
Shot Hole Depth: not relevant
GEOMETRY: Spread: not relevant
Geophone spacing: not relevant
Geophone pattern: not relevant
CDP fold: not relevant
DATA: Tape Boxes
86-TB461 to 86-TB589 continuous.
Record Boxes: none
Data Sheet Boxes: SURVEY 86-1.
Cylinders: 94, 95, 96, 97, 98.
RESULTS: Drawing Office Numbers
Publications
BMR Record Numbers
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number S8680016
Date of Entry August 1986
PROJECT: Antarctica, 1957-58.
SURVEY NUMBER: 87
BASIN: 
MAP SHEETS: 1:250000

LOCATION:
- W. Longitude: 60.0
- E. Longitude: 65.0
- N. Latitude: 65.0
- S. Latitude: 75.0

TRAVERSES:

EQUIPMENT:
- Amplifiers: TIC 7000B 12 channel.
- Magnetic Tape: None
- Geophones: TIC 20Hz.

FORMAT:
- Monitor records only.

PARAMETERS:
- Low-cut filter: 60 Hz.
- High-cut filter: 130 Hz.
- Charge size: 1 lb.
- Shot Hole Depth: 50 to 100 ft.

GEOMETRY:
- Spread: 300-0-300 feet (split).
- Geophone spacing: 50 feet.
- CDP fold: single

DATA:
- Tape Boxes
- Record Boxes: 87-R8527 to 528.
- Data Sheet Boxes
- Cylinders

RESULTS:
- Publications:
  Goodspeed M.J.
  Preliminary report on measurements of ice thickness on the Antarctic ice cap by Seismic and Gravimetric Methods.
  Bureau of Mineral Resources, Australia, Record 58/40

STORAGE:
- Australian Archives (BMR file 1981-142)
  Tape Boxes: A1725
  Record Boxes: A1724
  Data Sheet Boxes: A5692

PEDIN:
- Unique Survey Number: not entered
- Date of Entry: 

Publications:
- Goodspeed M.J.
  Preliminary report on measurements of ice thickness on the Antarctic ice cap by Seismic and Gravimetric Methods.
  Bureau of Mineral Resources, Australia, Record 58/40
SURVEY NUMBER: 88
BASIN:
MAP SHEETS: 1:250000

TRAVERSE:

EQUIPMENT: Amplifiers
Magnetic Tape
Geophones

FORMAT:

PARAMETERS:
Low-cut filter
High-cut filter
Charge size
Shot Hole Depth

GEOMETRY:
Spread
Geophone spacing
Geophone pattern
CDP fold single

DATA:
Tape Boxes
Record Boxes: 88-RB529
Data Sheet Boxes
Cylinders

RESULTS:
Drawing Office Numbers
Publications

STORAGE:
Australian Archives (BMR file 1981-142)
Tape Boxes: A1725
Record Boxes: A1724
Data Sheet Boxes: A5692

PEDIN: Unique Survey Number not entered
Date of Entry
PROJECT: Antarctica, 1961
SURVEY NUMBER: 89
BASIN: 
MAP SHEETS: 1:250000

TRAVERSES: 

EQUIPMENT: Amplifiers
Magnetic Tape
Geophones

FORMAT: 

PARAMETERS: Low-cut filter
High-cut filter
Charge size
Shot Hole Depth

GEOMETRY: Spread
Geophone spacing
Geophone pattern
CDP fold single

DATA: Tape Boxes
Record Boxes 89-RB530
Data Sheet Boxes
Cylinders

RESULTS: Drawing Office Numbers
Publications

STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN: Unique Survey Number not entered
Date of Entry
PROJECT: Antarctica, 1962
SURVEY NUMBER: 90
BASIN:
MAP SHEETS: 1:250000

TRAVERSES:

EQUIPMENT:
-Amp 1ifiers
-Magnetic Tape
-Geophones

FORMAT:

PARAMETERS:
-Low-cut filter
-High-cut filter
-Charge size
-Shot Hole Depth

GEOMETRY:
-Spread
-Geophone spacing
-Geophone pattern
-CDP fold single

DATA:
-Tape Boxes
-Record Boxes
-90-RB531 to 532
-Data Sheet Boxes
-SURVEY 90-1
-Cylinders

RESULTS:
-Drawing Office Numbers
-Publications

STORAGE:
-Australian Archives (BMR file 1981-142)
   Tape Boxes A1725
   Record Boxes A1724
   Data Sheet Boxes A5692

PEDIN:
-Unique Survey Number not entered
-Date of Entry
PROJECT: Antarctica, 1963
SURVEY NUMBER: 91
BASIN: 
MAP SHEETS: 1:250000

TRAVERSES:

EQUIPMENT:
- Amplifiers: HTL 7000B, 24 channel.
- Magnetic Tape: none
- Geophones: TIC 20Hz., 5Hz.
- Electro-Tech 20Hz.

FORMAT:
- Monitor records only.

PARAMETERS:
- Low-cut filter: K90 Hz
- High-cut filter: K210 Hz.
- Charge size: 11 lbs. RDX-TNT (60/40)
- Shot Hole Depth: 30 feet

GEOMETRY:
- Spread: 1320 feet
- Geophone spacing: 110 feet
- Geophone pattern: 6 in line 22 feet apart
- CDP fold: single

DATA:
- Tape Boxes
- Record Boxes: 91-RB533
- Data Sheet Boxes
- Cylinders

RESULTS:
- Drawing Office Numbers
  - G265-97, G364-31, G364-32,
  - G265-78 to G265-82
- Publications

STORAGE:
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692

PEDIN:
- Unique Survey Number: not entered
- Date of Entry
PROJECT: Antarctica, 1964
SURVEY NUMBER: 92
BASIN:
MAP SHEETS: 1:250000

TRAVERSES:

EQUIPMENT: Amplifiers, Magnetic Tape, Geophones
FORMAT:
PARAMETERS: Low-cut filter, High-cut filter, Charge size, Shot Hole Depth

GEOMETRY: Spread, Geophone spacing, Geophone pattern, CDP fold single

DATA: Tape Boxes, Record Boxes
: 92-R8534 to 536 continuous. Data Sheet Boxes, Cylinders

RESULTS: Drawing Office Numbers, Publications

STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN: Unique Survey Number not entered, Date of Entry
PROJECT: Antarctica, 1965
SURVEY NUMBER: 93
BASIN: 
MAP SHEETS: 1:250000

TRAVERSES: 

EQUIPMENT: Amplifiers
: Magnetic Tape
: Geophones

FORMAT: 
PARAMETERS: Low-cut filter
: High-cut filter
: Charge size
: Shot Hole Depth

GEOMETRY: Spread
: Geophone spacing
: Geophone pattern
: CDP fold single

DATA: Tape Boxes
: Record Boxes
: 93-RB537 to 539 continuous.
: Data Sheet Boxes
: Cylinders

RESULTS: Drawing Office Numbers
: Publications

STORAGE: Australian Archives (BMR file 1981-142)
: Tape Boxes A1725
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN: Unique Survey Number not entered
: Date of Entry
PROJECT  :  1956.
SURVEY NUMBER :  94
BASIN :  
MAP SHEETS  :  1:250000

TRAVERSES :  

EQUIPMENT : Amplifiers
: Magnetic Tape
: Geophones

FORMAT :

PARAMETERS : Low-cut filter
: High-cut filter
: Charge size
: Shot Hole Depth

GEOMETRY : Spread
: Geophone spacing
: Geophone pattern
: CDP fold

DATA : Tape Boxes
: Record Boxes
: 94-RB540
: Data Sheet Boxes
: Cylinders

RESULTS : Drawing Office Numbers
: Publications

STORAGE : Australian Archives (BMR file 1981-142)
  Tape Boxes  :  A1725
  Record Boxes  :  A1724
  Data Sheet Boxes  :  A5692

PEDIN : Unique Survey Number  :  not entered
: Date of Entry
PROJECT: Braidwood, Tidbinbilla, Deep Crustal Reflections, 1969, ACT, NSW.

SURVEY NUMBER: 95

BASIN: Murrumbidgee Batholith

MAP SHEETS: 1:250000

: SI/55-16

: Canberra

LOCATION:

: W. Longitude 149.0

: E. Longitude 150.0

: N. Latitude 35.5

: S. Latitude 36.0

TRAVERSES:

: Tidbinilla A, Braidwood A.

EQUIPMENT:

: Amplifiers TI 8000, 24 channel.

: Magnetic Tape DS7-700

: Geophones HS-J 14 Hz.

FORMAT:

: Analogue, amplitude modulation.

PARAMETERS:

: Low-cut filter 14 Hz

: High-cut filter 125 Hz.

: Charge size 1000 kg (GEOPHEX)

: Shot Hole Depth 6-20 metres.

GEOMETRY:


: Geophone spacing 180 metres.

: Geophone pattern 48 in 2 lines 5m apart.

: CDP fold single and 6 fold.

DATA:

: Tape Boxes 95-TB412

: Record Boxes 95-RB541 to 95-RB545 continuous.

: Data Sheet Boxes SURVEY 95-1

: Cylinders 83

RESULTS:


STORAGE:

: Australian Archives (BMR file 1981-142)

: Tape Boxes AI725

: Record Boxes AI724

: Data Sheet Boxes A5692

PEDIN:

: Unique Survey Number S2690023

: Date of Entry August 1986
**PROJECT**
: Gosses Bluff, 1969, NT.
: Deep Crustal, Amadeus Basin.

**SURVEY NUMBER**
: 96

**BASIN**
: Amadeus

**MAP SHEETS**
: 1:250000
: SF/53-13
: Hermannsburg.

**LOCATION**
: W. Longitude 132.0
: E. Longitude 132.5
: N. Latitude 23.5
: S. Latitude 24.0

**TRAVERSES**
: GB-A, GB-B, GB-AA, GB-AB, GB-BA.

**EQUIPMENT**
: Amplifiers SIE PT 700, 24 channel.
: Magnetic Tape PMR-20
: Geophones HS-J 14 Hz.

**FORMAT**
: Analogue, frequency modulation.

**PARAMETERS**
: Low-cut filter 16 Hz
: High-cut filter 135 Hz
: Charge size 80 to 300 lbs. (GEOPHEX)
: Shot Hole Depth 85 to 100 feet.

**GEOMETRY**
: Spread 1320-0-1320 feet (split).
: Geophone spacing 110 feet.
: Geophone pattern (a) 32, in 4 lines of 8 parallel to traverse, 20 ft apart, spacing between lines 30 ft
: (b) 32, in 2 lines of 16 parallel to traverse, 20 ft apart, spacing between lines 30 ft
: CDP fold 3 and 24 fold.

**DATA**
: Tape Boxes 96-TB597 to 96-TB602 continuous.
: Record Boxes 96-RB546 to 96-RB557 continuous.
: 96-RB630
: Data Sheet Boxes
: SURVEY 96-1 to 96-6 continuous.
: Cylinders 82, 90, 91, 103, 107
RESULTS

Brown A.R.
Gosses Bluff seismic survey,
Northern Territory, 1969.
Bureau of Mineral Resources, Australia, Record 71/4

Brown A.R.
Deep crustal reflection studies, Amadeus and
Ngalia Basins, N.T., 1969.
Bureau of Mineral Resources, Australia, Record 70/94

Brown A.R.
Experiments in controlled direction reception seismic
methods and digital processing, 1969-70.
Bureau of Mineral Resources, Australia, Record 72/118

Brown A.R.
A Detailed Study of Gosses Bluff, N.T.

Milton D.J., Barlow B.C., Brett R., Brown A.R., Glikson A.Y.,
Manwaring E.A., Moss F.J., Sedmik E.C.E., Van son J., Young G.A.
Gosses Bluff Impact Structure, Australia. Reprint from Science
175: 1199-1207 (1972) in McCall G.J.H. (ed) (Astroblemes-
Cryptoexplosion Structures. Benchmark papers in Geology.
Dowden, Hutchinson & Ross Inc. 50, P397-405.

STORAGE

Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN

Unique Survey Number S8690024
Date of Entry August 1986
**PROJECT**
:Ngalia Basin, 1969, NT.

**SURVEY NUMBER**
:97

**BASIN**
:Ngalia

**MAP SHEETS**
:1:250000
:SF-52-12, SF-53-09, SF-52-11
:Mt Doreen, Napperby, Lake Mackay

**LOCATION**
:W. Longitude 130.5
:E. Longitude 133.5
:N. Latitude 22.0
:S. Latitude 23.0

**TRAVERSES**

**EQUIPMENT**
:Amplifiers SIE PT 700, 24 channel.
:Magnetic Tape PMR-20
:Geophones HS-J 14Hz.

**FORMAT**
:Analogue, frequency modulation.

**PARAMETERS**
:Low-cut filter 20Hz
:High-cut filter 135Hz.
:Charge size 23 Kg (GEOPHEX)
:Shot Hole Depth 36 metres.

**GEOMETRY**
:Spread 540-0-540 metres (split).
:Geophone spacing 46 metres.
:Geophone pattern 24 in line 6 metres apart.
:CDP fold single

**DATA**
:Record Boxes 97-RB558 to 97-RB560 continuous.
:97-RB586.
:Data Sheet Boxes SURVEY 97-1 to 97-7 continuous.

**RESULTS**
:Drawing Office Numbers F52-B3-11-1 to F52-B3-20-1 inclusive,
:F52-B3-23 to F52-B3-28 inclusive,
:F52-B3-32, F52-B3-37,
:F52-B3-40 to F52-B3-57 inclusive,
:F53-B3-63, F52-B3-77,
:F52-B3-71 to F52-B3-74 inclusive,
:F53-B3-40 to F53-B3-53 inclusive.
Publications

Moss F.J. Jones P.
Ngalia Basin seismic survey,
Bureau of Mineral Resources, Australia, Record 74/49

Wells A.T., Moss F.J.
The Ngalia Basin, Northern Territory: stratigraphy & struct

STORAGE
Australian Archives (BMR file 1981-142)
Tape Boxes   A1725
Record Boxes   A1724
Data Sheet Boxes   A5692

PEDIN
Unique Survey Number S8690025
Date of Entry August 1986
SURVEY NUMBER: 98
BASIN: Western Australian Shield
MAP SHEETS: 1:250000
: SH 50-14, SH 50-15, SH 50-16,
: Perth, Kellerberrin, Southern Cross,
: Boorabin, Widgiemooltha.
LOCATION
: W. Longitude 116.0
: E. Longitude 123.0
: N. Latitude 31.0
: S. Latitude 32.0
TRAVERTES
: 
EQUIPMENT
: Amplifiers TI 8000, 24 channel.
: Magnetic Tape DS7-700
: Geophones HSJ 14 Hz.
: Analog tape modulation.
: Low-cut filter xx Hz.
: High-cut filter xx Hz.
: Charge size lbs. (GEOPHEX)
: Shot Hole Depth 40 metres
FORMAT
: 
PARAMETERS
: 
GEOMETRY
: Spread metres (split).
: Geophone spacing metres.
: Geophone pattern CDP fold single
DATA
: Tape Boxes
: Record Boxes
: 98-RB561 to 98-RB574 continuous.
: Data Sheet Boxes
: SURVEY 98-1 to 5 continuous.
: Cylinders
RESULTS
: Drawing Office Numbers
: WA-B3-21-1A, WA-B3-18, 20, 22, 25, 26A, 27, 28,
: WA-B3-29A, 30A, 31A, 32.
Publications
Mathur S.P., Moss F.J., Branson J.C.
Seismic and Gravity investigations along the geotraverse, Western Australia, 1969.
A BMR contribution to the Upper Mantle Project.
Bureau of Mineral Resources, Australia, Bulletin 191

Gregson P.J., Paul E.P.
Bureau of Mineral Resources, Australia. 1971 75

STORAGE
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN
Unique Survey Number S6690026
Date of Entry August 1986
SURVEY NUMBER: 99
BASIN: Bowen
MAP SHEETS: 1:250000
: Monto, Baralaba
LOCATION:
: W.Longitude 150.0
: E.Longitude 150.25
: N.Latitude 23.75
: S.Latitude 24.5
TRAVERSES:
: A, B, C, D, E, F, G, H, J
EQUIPMENT:
: Amplifiers SIE PT 700, 24 channel.
: Magnetic Tape PMR-20
: Geophones HS-J 14 Hz.
FORMAT:
: Analogue, frequency modulation.
PARAMETERS:
: Low-cut filter 65 Hz and 82 Hz.
: High-cut filter out.
: Charge size 1 to 5 lbs. (GEOPHEX)
: Shot Hole Depth 60 to 150 feet.
GEOMETRY:
: Spread 300-0-300 feet (split).
: Geophone spacing 25 feet.
: Geophone pattern 8 in line 3 feet apart.
: CDP fold single
DATA:
: Record Boxes 99-RB575 to 99-RB585 continuous.
: Data Sheet Boxes SURVEY 99-1 and 99-2.
: Cylinders 100, 101, 102
RESULTS:
: Drawing Office Numbers
  G56-B5-66, G56-B5-67, G56-B5-70, G56-B5-71
  G56-B5-75 to G56-B5-80
  G56-B5-65A, G85-2-6A, G85-2-7A
: Publications
  Taylor F.J.
  Moura Coalfield geophysical survey, Queensland 1970.
  Bureau of Mineral Resources, Australia, Record 71/122
STORAGE:
: Australian Archives (BMR file 1981-142)
  Tape Boxes A1725
  Record Boxes A1724
  Data Sheet Boxes A5692
PEDIN:
: Unique Survey Number S4700013
: Date of Entry August 1986
PROJECT :Miscellaneous, 90 mile beach, Moss vale 1967.
SURVEY NUMBER :100
BASIN :various
MAP SHEETS :1:250000

LOCATION :W. Longitude
           :E. Longitude
           :N. Latitude
           :S. Latitude
TRAVERSES :various

EQUIPMENT :Amplifiers various
            :Magnetic Tape various
            :Geophones various
FORMAT :Low-cut filter
        :High-cut filter
        :Charge size
        :Shot Hole Depth
PARAMETERS :varies
GEOMETRY :Spread
          :Geophone spacing
          :Geophone pattern
          :CDP fold
DATA :Tape Boxes
      :Record Boxes
      :100-RB587 to 100-RB588 continuous.
      :Data Sheet Boxes
      :Cylinders
RESULTS :Drawing Office Numbers
          :Publications
STORAGE :Australian Archives (BMR file 1981-142)
          :Tape Boxes A1725
          :Record Boxes A1724
          :Data Sheet Boxes A5692
PEDIN :Unique Survey Number S2670027
       :Date of Entry August 1986
SURVEY NUMBER: 101
BASIN: 
MAP SHEETS: 1:250000

LOCATION: W. Longitude
: E. Longitude
: N. Latitude
: S. Latitude

TRAVERSES: 

EQUIPMENT: Amplifiers
: Magnetic Tape
: Geophones

FORMAT: 
PARAMETERS: Low-cut filter
: High-cut filter
: Charge size
: Shot Hole Depth

GEOMETRY: Spread
: Geophone spacing
: Geophone pattern
: CDP fold single

DATA: Tape Boxes
: Record Boxes
: Data Sheet Boxes
: Cylinders

RESULTS: Drawing Office Numbers
: Publications

STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN: Unique Survey Number not entered
: Date of Entry
SURVEY NUMBER : 102
BASIN : Galilee
MAP SHEETS : 1:250000
            : SF/55-10
            : Galilee
LOCATION : W.Longitude  145.75
          : E.Longitude  147.0
          : N.Latitude  22.0
          : S.Latitude  22.75
TRAVERSES : A
EQUIPMENT : Amplifiers  PT 700, 24 channel
            : Magnetic Tape  PMR-20
            : Geophones     HS-J 14Hz.
FORMAT : Analogue, frequency modulation.
PARAMETERS : Low-cut filter  16Hz
              : High-cut filter  100Hz
              : Charge size     5 kg (Geophex)
              : Shot Hole Depth 25 to 26 m
GEOMETRY : Spread  540-0-540 m (split).
           : Geophone spacing 45 metres
           : Geophone pattern 8 in line 6 metres apart.
           : CDP fold  single and 6
DATA : Tape Boxes
       : 102-TB604 to 102-TB609 continuous.
       : Record Boxes
       : 102-RB593 to 102-RB602 continuous.
       : Data Sheet Boxes
       : SURVEY 102-1 to 102-3 continuous.
       : Cylinders
       : 47, 48, 113, 116, 119
RESULTS : Drawing Office Numbers
          : F55-B3-73-3, F55-B2- 74, 75A, 79A,
          : F55-B3-78A to F55-B3-89 inclusive,
          : F55-B3-90A to F55-B3-102 inclusive.
Harrison P.L., Anfiloff W., Moss F.J.
Bureau of Mineral Resources, Australia, Record 73/33

Harrison P.L., Anfiloff W., Moss F.J.
Bureau of Mineral Resources, Australia, Report 175.

Harrison P.L. Brown A.R.
Galilee Basin seismic survey, Queensland 1971. Operational
Bureau of Mineral Resources, Australia, Record 71/138

Harrison P.L.
Structure contour maps of the base of the Rolling Downs Gro
base of the Eromanga Basin sequence, northern Eromanga Basi
Bureau of Mineral Resources, Australia, Record 75/41

STORAGE :Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN :Unique Survey Number S4710025
:Date of Entry August 1986
SURVEY NUMBER: 103
BASIN: Officer
MAP SHEETS: 1:250000
: SG/51-12, SG/51-15, SG/51-16
: Yowalga, Lake Throssel, Westwood.
LOCATION:
: W.Longitude 123.0
: E.Longitude 127.0
: N.Latitude 25.0
: S.Latitude 29.0
TRAVERSES: A, B, C, D, E.
EQUIPMENT:
: Amplifiers SIE PT 700, 24 channel.
: Magnetic Tape PMR-20
: Geophones HS-J 14 Hz.
FORMAT:
: Analogue, frequency modulation.
PARAMETERS:
: Low-cut filter L16 Hz
: High-cut filter KK100 Hz
: Charge size 1 to 55 kg. (Geophex)
: Shot Hole Depth 4.5 to 30 m.
GEOMETRY:
: Spread 540-0-540 m (split).
: Geophone spacing 45 m.
: Geophone pattern 48, in 3 lines of 16 parallel traverse, spacing in line 6 m, spacing between lines 14 metre single
CDP fold
DATA:
: Tape Boxes 103-TB610 and 103-TB614.
: Record Boxes 103-RB603 to 103-RB613 continuous.
: Tape Boxes 103-RB621 and 103-RB626.
: Data Sheet Boxes SURVEY 103-1 to 103-4.
: Cylinders 121 to 125, 127.
RESULTS:
: Drawing Office Numbers G51-B3-44, G51-B3-45, G51-B3-46, G51-B3-43A.
:Publications

Harrison P.L.
Officer Basin seismic survey, W.A., 1972, operational report.
Bureau of Mineral Resources, Australia, Record 73/62

Pinchin J. Mathur S.P.
Presurvey report on Officer Basin, seismic survey, W.A. 197
Bureau of Mineral Resources, Australia, Record 72/95

Harrison P.L. Zadoroznyj I.
Officer Basin seismic, gravity, magnetic, and radiometric surveys Western Australia, 1972.
Bureau of Mineral Resources, Australia, Report 191

STORAGE
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN
Unique Survey Number S6720056
Date of Entry August 1986
SURVEY NUMBER: 104
BASIN: Sydney
MAP SHEETS: 1:250000
Ulladulla
LOCATION: W.Longitude 150.0
E.Longitude 151.0
N.Latitude 35.0
S.Latitude 35.5
TRAVERSES: Explosive Tests.
EQUIPMENT: Amplifiers SIE PT 700, 24 channel.
Magnetic Tape PMR-20
Geophones HS-J 14Hz.
FORMAT: Analogue, frequency modulation.
PARAMETERS: Low-cut filter varied
High-cut filter varied
Charge size varied
Shot Hole Depth varied
GEOMETRY: Spread not relevant
Geophone spacing not relevant
Geophone pattern not relevant
CDP fold not relevant
DATA: Tape Boxes
Record Boxes 104-RB614
Data Sheet Boxes
Cylinders
RESULTS: Drawing Office Numbers
Publications
STORAGE: Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN: Unique Survey Number not entered
Date of Entry
SURVEY NUMBER : 105
BASIN  : Murray
MAP SHEETS  : 1:250000
LOCATION  : W.Longitude
E.Longitude
N.Latitude
S.Latitude
TRAVERSES  : Explosive Tests.
EQUIPMENT  : Amplifiers SIE PT 700, 24 channel.
           : Magnetic Tape PMR-20
           : Geophones HS-J 14Hz.
FORMAT  : Analogue, frequency modulation.
PARAMETERS  : Low-cut filter experimental
           : High-cut filter experimental
           : Charge size experimental
           : Shot Hole Depth experimental
GEOMETRY  : Spread 400-0-400 metres. (split).
           : Geophone spacing 33.3 metres.
           : Geophone pattern 8 bunched.
           : CDP fold single
DATA  : Tape Boxes
       : Record Boxes
       : 105-RB633
       : Data Sheet Boxes
       : Cylinders
RESULTS  : Drawing Office Numbers
          : G85-3-199A, 200A, 201A, 202A.
          : Publications
Mathur S.P., Abbs G.L.
Explosive Tests for comparison of seismic efficiency of Molanite, TNT and Anzite Blue,
STORAGE  : Australian Archives (BMR file 1981-142)
           : Tape Boxes A1725
           : Record Boxes A1724
           : Data Sheet Boxes A5692
PEDIN  : Unique Survey Number not entered
          : Date of Entry
PROJECT: Galilee Basin, Qld 1975.

SURVEY NUMBER: 106

BASIN: Galilee

MAP SHEETS: 1:250000

SF/54-15

LOCATION: Brighton Downs

W.Longitude: 141.25
E.Longitude: 131.75
N.Latitude: 22.5
S.Latitude: 23.75

TRAVERSES: A,B,C,D,E,G,I

EQUIPMENT: Amplifiers SIE PT 700, 24 channel.
Magnetic Tape PMR-20
Geophones GSC20D 8 Hz.

FORMAT: Analogue, frequency modulation.

PARAMETERS: Low-cut filter 16 Hz
High-cut filter 100 Hz
Charge size 2 to 75 kg.
Shot Hole Depth 14 to 100 m

GEOMETRY: Spread 540-0-540 m (split).
Geophone spacing 45 m (single-fold).
90 m (6-fold CDP).
Geophone pattern 8 in line 6 metres apart.
CDP fold single or 6 fold.

DATA: Tape Boxes
106-TB624 to 106-TB631 continuous.
Record Boxes
Data Sheet Boxes
SURVEY 106-1 to 106-7.
Cylinders
140 to 146, 199.

RESULTS: Drawing Office Numbers
GF54-B3-245 to F54-B3-248, G85-3-128-1.
F54-B3-221 to F54-B3-229 inclusive,
F55-B3-106, F54-B3-232, F54-B3-233.
Publications

Harrison P.L. Bauer J.A.
Bureau of Mineral Resources, Australia, Record 75/131

Harrison P.L. Bauer J.A.
Bureau of Mineral Resources, Australia, Record 76/27

Hawkins P.J. Harrison P.L.
Stratigraphic and seismic investigations in the Lovelle Depression, western Galilee Basin.

STORAGE
Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN
Unique Survey Number S4750014
Date of Entry August 1986
PROJECT: Braidwood, N.S.W., DFSIV tests, 1976.
SURVEY NUMBER: 107
BASIN: Murrumbidgee Batholith.
MAP SHEETS: 1:250000
: SI/55-16.
: Canberra.
LOCATION:
: W. Longitude 149.5
: E. Longitude 150.0
: N. Latitude 35.5
: S. Latitude 36.0

TRAVERS: 

EQUIPMENT:
: Amplifiers TI DFSIV, 24 channel.
: Geophones GSC20D 8Hz.

FORMAT:
: 800BPI, NRZI, SEG-B

PARAMETERS:
: Sampling rate 2 milliseconds.
: Low-cut filter
: Charge size
: Shot Hole Depth 20 metres.

GEOMETRY:
: Spread
: Geophone spacing
: Geophone pattern
: CDP fold

DATA:
: Field Tapes (SEG-B format)
: 76002
: Record Boxes
: none
: Data Sheet Boxes
: 107-1 and 107-2.
: Cylinders
: none

RESULTS:
: Drawing Office Numbers
: Publications

STORAGE:
: Australian Archives (BMR file 1981-142)
: Magnetic Tapes A4729
: Record Boxes A1724
: Data Sheet Boxes A5692

PEDIN:
: Unique Survey Number not entered
: Date of Entry
PROJECT: Galilee Basin, Qld 1976.
SURVEY NUMBER: 108
BASIN: Galilee

MAP SHEETS: 1:250000
:SF/55-1, SF/55-10, SF/55-11, SF/55-14, SF/55-15
:Hughenden, Galilee, Clermont, Jericho, Emerald.

LOCATION:
:W. Longitude 144.25
:E. Longitude 147.75
:N. Latitude 20.5
:S. Latitude 24.0

TRAVERSES:
:LINE
:STATIONS
:LENGTH (km)
:1
:1000 to 1660
:56.5
:2
:1000 to 1820
:35.3
:3
:2000 to 3060
:88.7
:4
:4000 to 4660
:40

EQUIPMENT:
:Amplifiers TI DFSIV, 24 channel.
:Geophones GSC20D, 8Hz.

FORMAT:
:1600BPI, PE, SEG-B

PARAMETERS:
:Sampling rate 2 mS.
:Filters 12-124Hz.
:Charge size 9 to 27.3 Kg.
:Shot Hole Depth

GEOMETRY:
:Spread 1000-0-1000 metres.
:0-2000 metres.
:Geophone spacing 83.3 metres.
:Geophone pattern 16 in line 6 metres apart.
:CDP fold 6 fold

DATA:
:Field Tapes (SEG-B format)
:76004 to 76020
:Record Boxes
:108-RB636 to 659 continuous.
:Data Sheet Boxes
:SURVEY 108-1 to 108-6.
:Cylinders
:147 to 152.

RESULTS:
:Drawing Office Numbers
:F55-B3-174 to F55-B3-187 inclusive,
:F55-B3-158 to F55-B3-164 inclusive,
:F55-B3-166, F55-B3-174,
:F55-B3-133A to F55-B3-142A.
Publications

Brassil F, Anfiloff W.

Pinchin J., Schmidt D.L., Anfiloff W.
Bureau of Mineral Resources, Australia, Record 79/78

Pinchin J.

Schmidt D.L., Nelson A., Anfiloff W.

Senior B.R. Mond A. Harrison P.L.
Geology of the Eromanga Basin, Queensland.

STORAGE: Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes

PEDIN: Unique Survey Number S4760015
Date of Entry August 1986
SURVEY NUMBER: 109
BASIN: Georgina
MAP SHEETS: 1:250000
: SF/54-09, SF/54-13, SF/54-16,
: SG/54-01, SG/54-04.
: Glenormiston, Mt. Whelan, Bedourie,
: Hay-River, Simpson Desert.
LOCATION:
: W.Longitude 140.5
: E.Longitude 147.0
: N.Latitude 20.0
: S.Latitude 24.0
TRAVERSE:
: LINE : STATIONS : LENGTH (km)
: 1 : 1000 to 1716 : 28.8
: 2 : 1976 to 4280 : 94.5
: 3 : 3736 to 4000 : 21
: 4 : 4808 to 5000 : 15
: 5 : 5616 to 6000 : 15
: 6 : 6850 to 7000 : 11.5
: 7 : 7856 to 8000 : Expanded spre
: 8 : 9736 to 10000 : 10.5
: 9 : 10000 to 10036 : 12
: 10 : 10500 to 10632
: 11 : 11672 to 12004 : 12.9
: 12 : 12802 to 13000 : 15.5
: 13 : 13000 to 13168 : 13
: 14 : 14000 to 15000 : 35
EQUIPMENT:
: Amplifiers TI DFSIV, 48 channel.
: Geophones GSC20D 8Hz.
FORMAT:
: 800BPI, SEG-B NRZI
PARAMETERS:
: Sampling rate 2 mS.
: 1 mS
: Filters 8-124 Hz.
: 12-124 Hz.
: Charge size 23 Kg
: Shot Hole Depth 20-36 metres.
GEOMETRY:
: Geophone spacing 41.66, 83.33 metres.
: Geophone pattern 16 in line 6 metres apart.
: CDP fold 6 fold
DATA

:Field Tape Numbers
:Line 1 77001 to 77006
:Line 2 77007 test tape
   77008 to 77010
   77011 part
   77012 part
   77014 part
   77015 to 77016
   77018 to 77019
   77020 part
:Line 3 77012 part
   77013 to 77014
:Line 4 77011 part
   77016 part
   77017 part
:Line 5 77022 to 77023
   77025 to 77026
:Line 6 77027 part
:Line 7 77032 part
   77033 part
:Line 9 77033 part
:Line 10 77021 part
   77024
:Line 11 77029 to 77031
:Line 12 77020 part
   77021 part
:Line 13 77027 part
   77028
:Line 14 77032 part
   77033 part
:Record Boxes
:109-RB660 to 699 continuous.
:Data Sheet Boxes
:Cylinders
:155 to 162
RESULTS
:Drawing Office Numbers
F54-B3-306A,F54-B3-307A,F54-B3-269A,
F54-B3-270 to F54-B3-277,F54-B3-136-1.

:Publications
Mathur S.P., Bauer J.A.
Bureau of Mineral Resources, Australia, Record 77/25

Harrison P.L., Schmidt D.L.
Bureau of Mineral Resources, Australia, Record 78/34

Harrison P.L.

Harrison P.L.
The Toomba Fault and the western margin of the Toko Syncline Georgina Basin, Queensland and Northern Territory.

Tucker D.H. Wyatt B.W. Druce E.C. Mathur S.P. Harrison P.L.
The upper crustal geology of the Georgina Basin region.

STORAGE
:Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes 77034 to 77052

:Australian Government Printer
:Shot Point Location Map
:Synthetic Seismograms
:Line Profile

PEDIN
:Unique Survey Number S0770017
:Date of Entry August 1986
SURVEY NUMBER: 110
BASIN:

MAP SHEETS: 1:250000

LOCATION: W. Longitude, E. Longitude, N. Latitude, S. Latitude

TRAVERSES:

EQUIPMENT: Amplifiers TI DFSIV, 48 channel.
Geophones GSC20D 8 Hz.

FORMAT: 1600BPI, PE, SEG-B
PARAMETERS: Sampling rate 2 mS.
Filters
Charge size
Shot Hole Depth

GEOMETRY: Spread
Geophone spacing
Geophone pattern
CDP fold

DATA: Field Tapes (SEG-B format)
78001
Record Boxes: none
Data Sheet Boxes: SURVEY 110-1 to 110-2.
Cylinders: 154

RESULTS: Drawing Office Numbers
Publications

Pinchin J.
Intracrustal seismic reflections from the Lachlan Fold Belt near Canberra.

STORAGE: Australian Archives (BMR file 1981-142)
Magnetic Tapes: A4729
Record Boxes: A1724
Data Sheet Boxes: A5692
Processed Tapes: 78035 and 79001

: Australian Government Printer
: Shot Point Location Map
: Synthetic Seismograms
: Line Profile

PEDIN: Unique Survey Number not entered
Date of Entry
SURVEY NUMBER: 111 (also includes 112)
BASIN: Bowen.
MAP SHEETS: 1:250000
: SG/55-03, SG/55-04, SG/55-07, SG/55-08
: Springsure, Baralaba, Eddystone, Taroom.
LOCATION: W. Longitude 148.0
: E. Longitude 149.5
: N. Latitude 24.5
: S. Latitude 26.0

TRAVERSES: LINE : STATIONS : LENGTH (km)
: 1 : 1204 to 1900 : 28
: 2 : 1085 to 4109 : 120
: 3 : 3072 to 4000 : 40
: 4 : 3252 to 3828 : 24
: 4E : 3840 to 5476 : 68
: 5 : 5504 to 5932 : 18
: 6 : 5872 to 6996 : 47
: 7 : 7208 to 8000 : 33
: 8 : 8072 to 8932 : 36
: 9 : 9000 to 9624 : 26

EQUIPMENT: Amplifiers: TI DFSIV, 48 channel
: Geophones: GSC20D 8Hz.
FORMAT: 1600BPI, PE, SEG-B
: 800BPI, NRZI.
PARAMETERS: Sampling rate: 2 mS.
: Filters: 12-124 Hz.
: Charge size: 10 to 30 Kg. (Anzite).
: Shot Hole Depth: 40 metres.

GEOMETRY: Spread: 1-48 continuous
: Geophone spacing: 41.66 metres.
: Geophone pattern: 16 in line 6 metres apart.
: CDP fold: 6

DATA: Field Tapes Numbers
: Line 1: 78-027 to 78-032
: Line 2: 78-023 to 78-027
: 79-004 to 79-007
: 79-015 to 79-019
: Line 3: 78-032 to 78-034
: 79-003 to 79-004
: Line 4: 79-010 to 79-015
: Line 5: 79-009 to 79-010
: Line 6: 78-012 to 78-011
: 78-002 to 78-008
: 78-014 to 78-015
: Line 7: 78-012 to 78-014
: 78-008 to 78-011
: Line 8: 78-016 to 78-023
: Line 9: 79-007 to 79-009
RESULTS

Bauer J.A.
Denison trough seismic survey, Queensland, 1978: Preview Re

Bauer J.A., Dixon O.
Denison trough seismic survey, Queensland: Operational Repo
for 1978 survey and proposed program for 1979 survey.
Bureau of Mineral Resources, Australia, Record 1979/49.

Bauer J.A., Dixon O.
Denison trough seismic survey, Queensland, 1979: 
Operational Report.
Bureau of Mineral Resources, Australia, Record 1980/12.

Bauer J.A., Dixon O.
Results of a seismic survey in the Southern Denison Trough, 
Queensland.
BMR Journal of Australian Geology and Geophysics 6(3)2. 
P 213-227, 1981.

Dixon O., Bauer J.A.
Southern Denison Trough - interpretation of seismic data 
from the Rolleston area.
Queensland Government Mining Journal 83(965), P122-131 
1982.

Nelson A.W., Bauer J.A.
Denison Trough, Queensland - New seismic information and it 
hydrocarbon implications.

Nelson A.W., Bauer J.A.
Southern Denison Trough - Interpretation of seismic data 
from the Warrinilla area.
Queensland Government Mining Journal, 82(958), P366-375,198
STORAGE

Australian Archives (BMR file 1981-142)
  Magnetic Tapes A4729
  Record Boxes A1724
  Data Sheet Boxes A5692
  Processed Tapes

Australian Government Printer
Shot Point Location Map
Synthetic Seismograms
Line Profile

PEDIN

Unique Survey Number S4780024
Date of Entry August 1986
SURVEY NUMBER: 112 (SEE SURVEY 111)

PEDIN: Unique Survey Number  S4780024
: Date of Entry  August 1986
SURVEY NUMBER: 113
BASIN: McArthur
MAP SHEETS: 1:250,000
: Bauhinia Downs
LOCATION: W. Longitude
: E. Longitude
: N. Latitude
: S. Latitude

TRAVERSES:

EQUIPMENT:
: Amplifiers
: TI DFSIV, 48 channel.
: Geophones
: GSC20D 8Hz.

FORMAT:
: 1600BPI, PE, SEG-B

PARAMETERS:
: Sampling rate
: Filters
: Charge size
: Shot Hole Depth

GEOMETRY:
: Spread
: Geophone spacing
: Geophone pattern
: CDP fold

DATA:
: Field Tapes (SEG-B format)
: Record Boxes
: 113-RB772 to 773 continuous.
: Data Sheet Boxes
: SURVEY 113-1
: Cylinders
: 182 to 183

RESULTS:
: Drawing Office Numbers
: Publications

STORAGE:
: Australian Archives (BMR file 1981-142)
  : Magnetic Tapes
  : A4729
  : Record Boxes
  : A1724
  : Data Sheet Boxes
  : A5692
  : Processed Tapes

: Australian Government Printer
: Shot Point Location Map
: Synthetic Seismograms
: Line Profile

PEDIN:
: Unique Survey Number
: S8790024
: Date of Entry
: August 1986
PROJECT : Gundary Plains, N.S.W., 1980
SURVEY NUMBER : 114
BASIN :
MAP SHEETS : 1:250000
: Goulburn
LOCATION : W. Longitude
: E. Longitude
: N. Latitude
: S. Latitude

TRAVERSES :

EQUIPMENT : Amplifiers TI DFSIV, 48 channel.
: Geophones GSC20D 8Hz.

FORMAT : 1600BPI, PE, SEG-B
PARAMETERS : Sampling rate
: Filters
: Charge size
: Shot Hole Depth

GEOMETRY : Spread
: Geophone spacing
: Geophone pattern
: CDP fold

DATA : Field Tapes (SEG-B format)
: Record Boxes
: none
: Data Sheet Boxes
: SURVEY 114-1 (contains records)
: Cylinders
: 180 to 181

RESULTS : Drawing Office Numbers
: Publications
Pinchin J.
Intracrustal seismic reflections from the Lachlan Fold Belt near Canberra.

STORAGE : Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes
: Australian Government Printer
: Shot Point Location Map
: Synthetic Seismograms
: Line Profile

PEDIN : Unique Survey Number not entered
: Date of Entry
SURVEY NUMBER: 115 (includes 116 and 118)
BASIN: Eromanga
MAP SHEETS: 1:250000
: SG/54-04, SG/55-09, SG/54-07, SG/54-08
: SG/55-01, SG/55-05, SG/55-06, SG/54-11, SG/54-12
: Eromanga, Barrolka, Quilpie, Windorah, Canterbury
: Jundah, Adavale, Augathalla, Blackall
LOCATION: W. Longitude 141.0
: E. Longitude 147.0
: N. Latitude 24.5
: S. Latitude 28.0

TRAVERSES

<table>
<thead>
<tr>
<th>LINE</th>
<th>STATIONS</th>
<th>LENGTH (km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>:1</td>
<td>1028 to 3240</td>
<td>184 (joins 9)</td>
</tr>
<tr>
<td>:2</td>
<td>2660 to 3972</td>
<td>100 (joins 6)</td>
</tr>
<tr>
<td>:3</td>
<td>3024 to 4808</td>
<td>150</td>
</tr>
<tr>
<td>:4</td>
<td>4004 to 4196</td>
<td>12</td>
</tr>
<tr>
<td>:5</td>
<td>5036 to 5976</td>
<td>80</td>
</tr>
<tr>
<td>:6</td>
<td>6028 to 7732</td>
<td>142 (joins 2)</td>
</tr>
<tr>
<td>:7E</td>
<td>7604 to 7984</td>
<td>32</td>
</tr>
<tr>
<td>:7W</td>
<td>5880 to 6596</td>
<td>60</td>
</tr>
<tr>
<td>:8</td>
<td>8012 to 8676</td>
<td>55</td>
</tr>
<tr>
<td>:9</td>
<td>8092 to 9880</td>
<td>82 (joins 1)</td>
</tr>
</tbody>
</table>

(Line 9 joins Line 14 of Survey 120)

<table>
<thead>
<tr>
<th>LINE</th>
<th>STATIONS</th>
<th>LENGTH (km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>:10</td>
<td>0060 to 2484</td>
<td>202</td>
</tr>
<tr>
<td>:11</td>
<td>1102 to 3173</td>
<td>172</td>
</tr>
<tr>
<td>:11A</td>
<td>3183 to 3300</td>
<td>9</td>
</tr>
<tr>
<td>:12</td>
<td>2196 to 2560</td>
<td>30</td>
</tr>
<tr>
<td>:13</td>
<td>1312 to 2180</td>
<td>72</td>
</tr>
</tbody>
</table>

*Line 13 joins Line 2 via AAR line.

EQUIPMENT: Amplifiers T1 DFSIV, 48 channel.
: Geophones GSC20D 8Hz.

FORMAT: 1600BPI, PE, SEG-B
PARAMETERS: Sampling rate 2 mS.
: Filters 8-124 Hz.
: 12-124 Hz.
: Charge size 8 to 12 Kg.
: Shot Hole Depth 40 metres.

GEOMETRY: Spread 1-48 continuous.
: Geophone spacing 83.33 metres.
: 41.66 metres.
: Geophone pattern 16 in line 5 m apart.
: CDP fold 6
DATA
: Field Tapes Numbers
: Line 1 80-009 to 80-025
  80-026 (Wide Angle Reflection)
  80-028 (Does not exist)
  81-026 to 81-030
: Line 2 82-048 to 82-059
: Line 3 80-029 to 80-041
: Line 4 80-042 to 80-043
: Line 5 80-062 to 80-063
  81-040 to 81-045
: Line 6 80-053 to 80-061
  81-035 to 81-039
: Line 7 81-032 to 81-035
  81-048 to 81-053
: Line 8 80-044 to 80-052
: Line 9 81-011 to 81-016
  81-017 (Does not exist)
  81-023 to 81-026
  81-031 (Expanded Spread 1981, Quilpie)
: Line 10 81-018 to 81-023
  81-053 to 81-054
  82-033 to 82-047
: Line 11 82-014 to 82-031
: Line 11A 82-032
: Line 11A 82-032
: Line 12 81-045 to 81-048
: Line 13 82-006 to 82-013

: Record boxes
: 1980, 774 to 790 continuous.
: 1981, 810 to 823 continuous.
: 1982, 850 to 880 continuous.

: Data Sheet Boxes
: 1980 logs are in 115-1 to 115-10.
: 1981 logs are in 116-1 to 116-5.
: 1982 logs are in 118-1 to 118-12.

RESULTS
: Drawing Office Numbers
  1980 26-Q-15 to 26-Q-21 inclusive.
  1981 26-Q-72 to 26-Q-82 inclusive.
  1982 26-Q-72 to 26-Q-82 inclusive.

: Publications
Harrison P.L., Mathur S.P., Moss F.J., Pinchin J., Senior B.R.
Bureau of Mineral Resources, Australia, Record 80/32
Mathur S.P.
Deep crustal reflection results from the central Eromanga Basin, Australia.
Tectonophysics
100(1-3), P163-173 S551.24TEC

Mathur S.P.
Improvements in seismic reflection techniques for studying the Lithosphere in Australia.
Tectonophysics
105(1-4), P373-381 S551.24TEC

Sexton M.J. Mathur S.P.
Central Eromanga Basin Seismic Survey, Queensland, 1981
Preview report.
Bureau of Mineral Resources, Australia, Record 81/33

Pinchin J. Senior B.R.
The Warrabin Trough, western Adavale Basin, Queensland.
Geological Society of Australia Journal
29(3/4), P413-424 S551(94)GEO

Central Eromanga Basin seismic reprocessing, 1981
Operational report.
Bureau of Mineral Resources, Australia, Record 83/10

Sexton M.J. Taylor F.J.
Bureau of Mineral Resources, Australia. Record 83-13

Sexton M.J. Taylor F.J.
Bureau of Mineral Resources, Australia. Record

Wake-Dyster K. Pinchin J.
Central Eromanga Basin seismic survey, Queensland, 1980
Operational report.
Bureau of Mineral Resources, Australia, Record 81/22

Wake-Dyster K.D. Moss F.J. Sexton M.J.
New seismic reflection results in the central Eromanga Basin Queensland, Australia: the key to understanding its tectonic evolution.
Tectonophysics
100(1-3), P147-162 S551.24TEC 111962

Moss F.J., Wake-Dyster K.D.
The Australian Central Eromanga Basin Project: An Introduction.
Tectonophysics
100 (1983) P 131-145

Moss F.J.
Bureau of Mineral Resources, Australia. Record 80-60.
REPROCESSING: The following old seismic lines were reprocessed:
- Adavale 1961 (Phillips Sunray)
  Lines 321, 322, 323
- Barcoo 1965 (Marathon)
- Bulgroo 1963 (Alliance)
  Lines 4, 7, 8, 9, 10, 11, 12, 13, 14
- Gumbardo 1962 (Phillips Sunray)
- Jundah, Yaraka, Blackall,
- Langlo 1961 (Phillips Sunray)
  Lines 346, 391, 401
- Leopardwood 1965 (Phillips Sunray)
  Lines 556
- Powell Creek 1965 (Phillips Sunray)
  Lines 700, 703, 704, 705, 706
- Quilpie 1960 (Phillips Sunray)
  Lines 1, 4, 6, 11, 13/9, 14, 17, 20
- Quilpie, Adavale 1960-65 (Phillips Sunray)
- Strathconan 1965 (Phillips Sunray)
  Lines 572/579
- Thylungra 1967 (BP)
  Line NMI
- Trinidad 1964 (Alliance)
  Line 1
- Welford 1967 (Phillips Sunray)
  Lines 645, 646, 647, 648

STORAGE:
- Australian Archives (BMR file 1981-142)
  Magnetic Tapes: A4729
  Record Boxes: A1724
  Data Sheet Boxes: A5692
  Processed Tapes: 77034 to 77052

: Australian Government Printer
Shot-Point Location Maps.
Reprocessed Sections.
All sections at scales of 10cm/sec
Vertical Scale and 10 traces/cm
Horizontal scale.
: Synthetic Seismograms
: Line Profile

PEDIN:
: Unique Survey Number: S4800037
: Date of Entry: August 1986
SURVEY NUMBER: 116
PEDIN: Unique Survey Number 54800037
: Date of Entry August 1986
SURVEY NUMBER: 117
BASIN: Sepic District, PNG.
MAP SHEETS: 1:250000

LOCATION:
- W. Longitude: 142.5
- E. Longitude: 147.0
- N. Latitude: 3.0
- S. Latitude: 5.0

TRAVERSES: Airborne Survey

EQUIPMENT:
- Amplifiers: Telemetry, TI 8000.
- Magnetic Tape: Ampex E.R. 1300
- Geophones: Marsh geophones.

FORMAT:
- analogue, amplitude, modulation.

PARAMETERS:
- Low-cut filter: not stated
- High-cut filter: not stated
- Charge size: (tonnes) (Dupont ANFO)
- Shot Hole Depth: In swamp.

GEOMETRY:
- Spread: Sonabuoys.
- Geophone spacing: varied
- Geophone pattern: single marsh geophone.
- CDP fold: single

DATA:
- Tape Boxes: none
- Record Boxes: none
- Data Sheet Boxes: SURVEY 117-1 and 117-2.
- Cylinders: none

RESULTS:
- Drawing Office Numbers:
  - PNG/B2-26-3, G85/3-132-2A,
  - PNG/B2-19-1, PNG/B2-17-1A, PNG/B2-13-1a,
  - PNG/B2-20-1, PNG/B3-3, A55/B2-18-1A,
  - PNG/B3-2, PNG/B2-32-1, B55-B3-2A.
- Publications:
  - Jones P. and Harrison P.
  - Bureau of Mineral Resources, Australia, Record 70/70

STORAGE:
- Australian Archives (BMR file 1981-142)
  - Tape Boxes: A1725
  - Record Boxes: A1724
  - Data Sheet Boxes: A5692

PEDIN:
- Unique Survey Number: not entered
- Date of Entry: not entered
SURVEY NUMBER: 118
PEDIN: Unique Survey Number S483007
: Date of Entry August 1986
PROJECT: Deep Crustal Records (Early Surveys)
SURVEY NUMBER: 119
BASIN: Australia wide.
MAP SHEETS: 1:250000
LOCATION:
W. Longitude
E. Longitude
N. Latitude
S. Latitude

TRAVERSES: not applicable.

EQUIPMENT:
Amplifiers various
Magnetic Tape various
Geophones various

FORMAT:
Varies with survey.

PARAMETERS:
Low-cut filter various
High-cut filter various
Charge size various
Shot Hole Depth various

GEOMETRY:
Spread various
Geophone spacing various
Geophone pattern various
CDP fold various

DATA:
Tape Boxes
Tapes incorporated with other surveys.
Record Boxes: none
Data Sheet Boxes
SURVEY 119-1 and 119-6.
Cylinders: none
RESULTS

Dooley J.C.
A geophysical profile across Australia at 29 degrees South.
BMR Journal of Australian Geology & Geophysics
4(4), P353-359

Dooley J.C.
Variation of crustal mass over the Australian region.
BMR Journal of Australian Geology & Geophysics

Dooley J.C.
A review of crustal structure in northeastern Australia.
Henderson R.A. & Stephenson P.J.(Eds) - The geology and geo
northeastern Australia.
Geological Society of Australia. Queensland Division

Dooley J.C.
Implications of the Australian seismic and gravity measurem
for the structure and composition of the upper mantle.
BMR Journal of Australian Geology & Geophysics 2(1),1-5
1977

STORAGE

Australian Archives (BMR file 1981-142)
Tape Boxes A1725
Record Boxes A1724
Data Sheet Boxes A5692

PEDIN

Unique Survey Number not entered
Date of Entry
SURVEY NUMBER : 120
BASIN : Eromanga, Surat, Clarence-Moreton.

MAP SHEETS : 1:250000
: SG/55-9, SG/55-10, SG/55-11, SG/55-16,
: Quilpie, Charleville, Mitchell, Roma, Surat,
: Dalby, Toowoomba, Ipswich, Brisbane.

LOCATION
: W. Longitude 145.0
: E. Longitude 153.5
: N. Latitude 26.5
: S. Latitude 28.0

TRAVERSES
: LINE : STATIONS : LENGTH (km)
: 14 : 1 to 8008 : 667
*Line 14 joins line 9 of Survey 116
: 16A : 650.5 to 1196 : 23
: 16B : 1173 to 2261 : 91

EQUIPMENT
: Amplifiers : TI DFSIV, 48 channel.
: Geophones : GSC20D 8 Hz.

FORMAT
: 1600BPI, PE, SEG-B

PARAMETERS
: Sampling rate : 2 mS.
: Filters : out-124 Hz
: Charge size : 8 to 12 Kg.
: Shot Hole Depth : 40 metres.

GEOMETRY
: Geophone spacing : 83.33 metres.
: Geophone pattern : 41.66 m (16A)
: CDP fold : 16 in line 5 m apart.

DATA
: Field Tapes Numbers
: Line 14 84-001 TO 84-106
: Line 16A 84-107 to 84-114
: Line 16B 84-115 to 84-124
: Refraction shots 1984, 84-125
: Record boxes
: ...
: Data boxes
: ...
Results

: Drawing Office Numbers

: Publications

Lithospheric transect study of Southeastern Queensland.
Exploration Geophysics, V16, Nos 2/3, p312-317

A geophysical transect across the Clarence-Morton Basin.
Exploration Geophysics, V16, Nos 2/3, p241-244.

Wake-dyster, K.D., Johnstone, D.W.

REPROCESSING
:The following old seismic lines were reprocessed

STORAGE
:Australian Archives (BMR file 1981-142)
Data sheets
A5692 93 boxes July 1985
Records
A1724 62 boxes July 1985
Field Tapes
Processed Tapes

: Australian Government Printer
Operations Reports
Shot-Point Location Maps.
Reprocessed Sections.
All sections at scales of 10cm/sec Vertical
10 traces/cm Horizontal scale.

PEDIN
: Unique Survey Number S4840014
: Date of Entry August 1986
SURVEY NUMBER : 121
BASIN : Ngalia, Amadeus, Arunta Complex.
MAP SHEETS : 1:250000
: SF/53-9, SF/53-13, SG/53-01, SG/53-05, SG/52-08
: Napperby, Hermansburg, Henbury, Kulgera
: Ayers Rock

LOCATION : W. Longitude 131.0
: E. Longitude 133.5
: N. Latitude 22.0
: S. Latitude 26.0

TRAVERSES :
: LINE :
: STATIONS :
: LENGTH (km) :
: 1 :
: 3946 to 9000 :
: 420 :
: 2 :
: 2000 to 2968 :
: 40 :
: 3 :
: 2970 to 3480 :
: 42 :
: 4 :
: 4000 to 4292 :
: 12

EQUIPMENT :
: Amplifiers DFSIV 48 channel.
: Geophones GSC20D 8Hz.

FORMAT :
: 1600BPI, PE, SEG-B

PARAMETERS :
: Sampling rate 2 mS.
: Filters 8-125 Hz.
: Charge size 8-12 Kg
: Shot Hole Depth 40 metres.

GEOMETRY :
: Spread 4000m no gap.
: Geophone spacing 83.33 metres. (lines 1, 3)
: 41.6 metres. (lines 2, 4)
: Geophone pattern 16 in line 5 metres apart.
: CDP fold 6 fold.

DATA :
: Field Tape Numbers
: Line 1 85010 to 85024
: 85034 to 85080
: Line 2 85025 to 85030
: Line 3 85031 to 85033
: Line 4 85081 to 85082

: Record Boxes
: 121-RB*** to *** continuous.
: Data Sheet Boxes
: SURVEY 121-* to 121-**.
: Cylinders
: *** to ***
RESULTS

- Drawing Office Numbers
  26/NT/2, 14, 15, 16, 17, 18, 23
  11/NT/7, 20, 28, 68
  26/F3-14/2

- Publications
  Bureau of Mineral Resources, Australia, Record 86-35

STORAGE

- Australian Archives (BMR file 1981-142)
  Magnetic Tapes A4729
  Record Boxes A1724
  Data Sheet Boxes A5692
  Processed Tapes ***** to *****

- Australian Government Printer
- Shot Point Location Map
- Synthetic Seismograms
- Line Profile

PEDIN

- Unique Survey Number S8850007
- Date of Entry August 1986
PROJECT: SN368 equipment test, Millmerran, Qld, 1986.
SURVEY NUMBER: 122
BASIN: Surat
MAP SHEETS: 1:250000
: SH/56-1
: Goondiwindi
LOCATION:
: W. Longitude 150.5
: E. Longitude 151.0
: N. Latitude 27.75
: S. Latitude 28.0
TRAVESSES:
: LINE 1
: STATIONS 1000 to 1453
: LENGTH (km) 27
EQUIPMENT:
: Amplifiers SERCEL SN368 96 channel.
: Geophones GSC20D 8Hz.
FORMAT:
: 1600BPI PE, 6250BPI GCR, SEG-D
PARAMETERS:
: Sampling rate 2 mS.
: Filters 8-178 Hz.
: Charge size 8 Kg
: Shot Hole Depth 40 metres.
GEOMETRY:
: Spread 72 to 96 channels.
: Geophone spacing 60 metres.
: Geophone pattern 16 in line 4 metres apart.
: CDP fold Varied up to 12 fold.
DATA:
: Field Tape Numbers
: Line 1 86001 to 86006 1600BPI PE
: 86007 to 86008 6250BPI GCR
: Record Boxes
: 122-RB*** to *** continuous.
: Data Sheet Boxes
: SURVEY 122-* to 122-**.
: Cylinders
: *** to ***
RESULTS:
: Drawing Office Numbers
: **********
: **********
: Publications
Johnstone D., Sexton M. J., Taylor F. J.
Sercel SN368 equipment test, Millmerran, Queensland 1986.
Operational Report.
Bureau of Mineral Resources, Australia. Record ****
STORAGE:
: Australian Archives (BMR file 1981-142)
: Magnetic Tapes A4729
: Record Boxes A1724
: Data Sheet Boxes A5692
: Processed Tapes ***** to *****
: Australian Government Printer
: Shot Point Location Map
: Synthetic Seismograms
: Line Profile
PEDIN:
: Unique Survey Number  S4860001
: Date of Entry August 1986