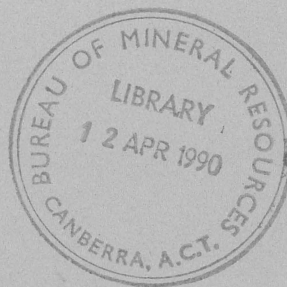
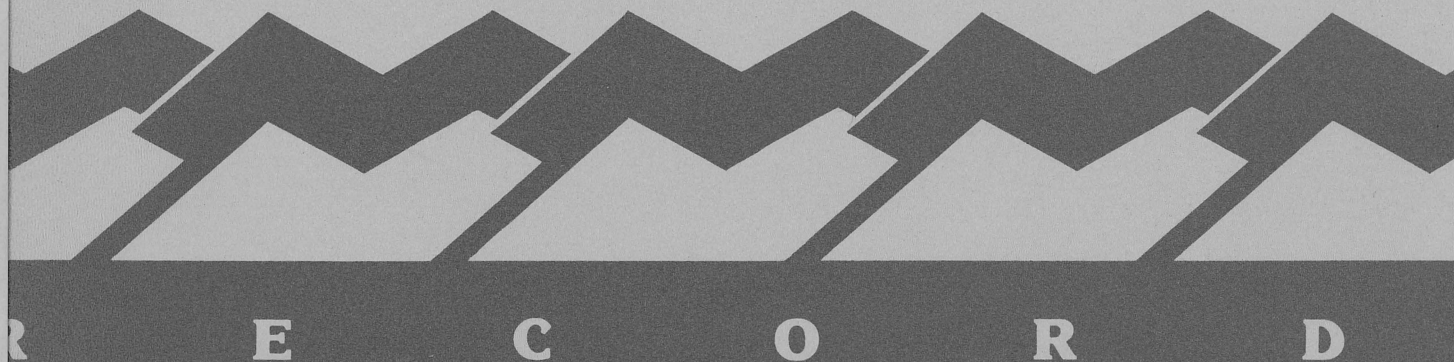


1990/15
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Bureau of Mineral Resources, Geology & Geophysics

BMR PUBLICATIONS COMPACTUS
(LENDING SECTION)



RECORD 1990/15

INDEX of BMR SEISMIC SURVEYS

1949 - 1989 (revised edition)

by

F.J.Taylor

1990/15

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Department of Primary Industry & Energy
Bureau of Mineral Resources, Geology & Geophysics

RECORD 1990/15

INDEX of BMR SEISMIC SURVEYS

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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 130 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 a description of the format used to store this information on permanent medium is given in the introduction. This list is to be updated as further surveys are carried out. This report is an update of Bureau of Mineral Resources record 1987/2.

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BMR <880407.1211>

INTRODUCTION

The Bureau of Mineral Resources has conducted reconnaissance seismic surveys throughout Australia since 1949. In recent years such surveys have become regional surveys with single 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.

The information contained in this document was compiled on the BMR Data General computer as variable length ASCII records and stored in 13 files labelled SEIS1 to SEIS13. The contents of this publication are backed up on floppy discs under the single file name INDEX.SEI. Disc type is three and one half inch, 720 KByte and IBM compatible.

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)]

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*****	*****
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INDEX OF SEISMIC SURVEYS BY AUSTRALIAN STATES

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*****	*****
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PROJECT :Oaklands-Coorabin-Coalfields, N.S.W., 1949.
:Gravity and Seismic Refraction.

SURVEY NUMBER :1

BASIN :Murray

MAP SHEETS :1:250000

:SI/55-14, SI/55-15.

: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 (Bulletin 19)

:Publications

Thyer R.F, Vale K.R.

Geophysical Survey, Oaklands-Coorabin Coalfield.

Bureau of Mineral Resources, Australia, Bulletin 19.

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.

SUR2:300:52

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BMR <880407.1211>

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
:Eddystone, Taroom, Mitchell, Roma.
LOCATION :W.Longitude 148.5
:E.Longitude 149.0
:N.Latitude 26.50
:S.Latitude 27.0

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 10lbs. (GEOPHEX)
:Shot Hole Depth 80-150feet.

GEOMETRY :Spread 1320-0-1320 feet (split).
:Geophone spacing 110 feet.
:Geophone pattern 12 in line 10ft 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
G38-26, 39, 40, 41, 42 (Report 16)
G38-43, 44, 45, 46, 27 (Report 16)
G38-28, 29, 30, 36 (Report 16)
: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.

SUR3:300:52

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BMR <880407.1211>

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. (GEOPEX)

: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 (1951/9)

:Publications

Smith E.R.

Report on seismic refraction traverse at Comet, Qld.

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.

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BMR <880407.1211>

PROJECT :Northwest Cape, Carnarvon Basin, W.A., 1951.
SURVEY NUMBER :4
BASIN :Carnarvon
MAP SHEETS :1:250000
 :SF/50-9
 :Yanrey
LOCATION :W.Longitude 114.0
 :E.Longitude 115.0
 :N.Latitude 22.0
 :S.Latitude 23.0

TRAVERSES :A, C

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

GEOMETRY :Spread 1320 feet (split).
 :Geophone spacing 110 feet
 :Geophone pattern
 :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
 G98-19, 20, 23 (1954/44)
 :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.

SUR5:300:52

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BMR <880407.1211>

PROJECT :Giralia-Bullara, W.A., 1951.

SURVEY NUMBER :5

BASIN :Carnarvon

MAP SHEETS :1:250000

:SF/50-9

:Yanrey

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 :Drawing Office Numbers

G98-8, G98-6. (1951/62)

: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

PEDIN :Unique Survey Number S6510013

:Date of Entry June 1986

SUR6:300:52

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BMR <880407.1211>

PROJECT : Traverse "C" Giralia Anticline, W.A., 1951.

SURVEY NUMBER : 6

BASIN : Carnarvon

MAP SHEETS : 1:250000

: SF/50-9, 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 (1954/67)

: 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

SUR7:300:52

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BMR <880407.1211>

PROJECT :Avon, Gippsland, Vic, 1952.
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 (1952/35)
 :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

SUR8:300:52

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BMR <880407.1211>

PROJECT :Nerrima Dome, W.A., 1952.
SURVEY NUMBER :8
BASIN :Canning Basin
MAP SHEETS :1:250000
 :SE/51-11, SE/51-12.
 :Mt.Anderson, Noonkanbah.
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 :Drawing Office Numbers
 G132-1, 2, 3, 4, 5 (1953/72)
 :Publications
Vale K.R., Smith E.R., Garrett M.J.
Seismic survey of the Nerrima Dome, Kimberley Division,
Western Australia.
Bureau of Mineral Resources, Australia, Record 53/72.

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

PEDIN :Unique Survey Number S6520011
 :Date of Entry July 1986

SUR9:300:52

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BMR <880407.1211>

PROJECT :Roma, 1952-1953.
SURVEY NUMBER :9
BASIN :Surat
MAP SHEETS :1:250000
: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 110feet.
:Geophone pattern single
:CDP fold single
DATA :Tape Boxes
:None
:Record Boxes
:9-RB54 to 9-RB58 continuous.
:Data Sheet Boxes
:SURVEY 9-1
:Cylinders
:None
RESULTS :Drawing Office Numbers
G38-63, 64, 65, 66, 67 (Report 23)
G38-68, 69, 70, 71, 72, 73 (Report 23)
:Publications
Williams L.W.
Seismic reflection survey at Roma, Queensland, 1952-53.
Bureau of Mineral Resources, Australia, Report 23.
Williams L.W.
Seismic reflection survey, Roma, Queensland, 1952-53.
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

SUR10:300:52

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BMR <880407.1211>

PROJECT :Poole Range-Prices Creek area, W.A., 1953.

SURVEY NUMBER :10

BASIN :Canning

MAP SHEETS :1:250000

:SE/51-12

: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, 2 (1955/35)

G115-41, 42, 43, 44, 45 (1955/35)

: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

SUR11:300:52

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BMR <880407.1212>

PROJECT :Darriman, Gippsland, Vic, 1954.
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
 ABEM 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

SUR11:300:52

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BMR <880407.1212>

RESULTS :Drawing Office Numbers
 G155-4, 5, 6, 7, 8, 9, 10 (Report 19)
 G155-11, 12, 13, 14, 15, 16 (Report 19)
 : (Record 1954/40 contains the same plates)
 :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

SUR12:300:52

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BMR <880407.1212>

PROJECT :Broome, W.A., 1954.
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 (1955/112)
 :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

SUR13:300:52

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BMR <880407.1212>

PROJECT :Poole Range-Christmas Creek, W.A., 1954.
SURVEY NUMBER :13
BASIN :Canning
MAP SHEETS :1:250000
 :SE/51-11, SE/51-12
 :Mt Anderson, Nookanbah.
LOCATION :W.Longitude 125.0
 :E.Longitude 126.0
 :N.Latitude 18.5
 :S.Latitude 19.0

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

EQUIPMENT :Amplifiers TIC 521, 24 channel.
 :Magnetic Tape None
 :Geophones TIC 20Hz.
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
 :13-RB66 and 13-RB67
 :Data Sheet Boxes
 :SURVEY 13-1
 :Cylinders
 :None

RESULTS :Drawing Office Numbers
 G149-5, 7, 8, 9, 10 (1956/66)
 :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

SUR14:300:52

Page 14.1

BMR <880407.1212>

PROJECT :Deep Well Anticline, Myroodah, W.A., 1954.

SURVEY NUMBER :14

BASIN :Canning Basin

MAP SHEETS :1:250000

:SE/51-11

:Mt Anderson

LOCATION :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.

FORMAT :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 :Drawing Office Numbers

G115-53, 59, 60, 62 (1955/110)

: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

SUR15:300:52

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BMR <880407.1212>

PROJECT :Gingin W.A., 1955.
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 31.5

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. (1966/149)
G193-1 to G193-6. (1956/26)
:Publications

Vale K.R.
Seismic reflection survey of the northern end of the Gingin
Anticline, Perth Basin, W.A. 1955.
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

SUR16:300:52

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BMR <880407.1212>

PROJECT :Rough Range No 1, Velocity Survey, W.A., 1955.

SURVEY NUMBER :16

BASIN :Carnarvon

MAP SHEETS :1:250000

:SF/49-12

:Ningaloo

LOCATION :W.Longitude 114.0

:E.Longitude 114.5

: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 (1955/89)

: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

Learmouth 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

SUR17:300:52

Page 17.1

BMR <880407.1212>

PROJECT :Cookernup, W.A., 1956. SEE SURVEY 27.
SURVEY NUMBER :17

PEDIN :Unique Survey Number S6560020
:Date of Entry July 1986

SUR18:300:52

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BMR <880407.1212>

PROJECT :Christmas Creek, W.A., 1955.
SURVEY NUMBER :18
BASIN :Canning
MAP SHEETS :1:250000
 :SE/51-11
 :Mt.Anderson.
LOCATION :W.Longitude 125.0
 :E.Longitude 126.0
 :N.Latitude 18.0
 :S.Latitude 19.0

TRAVERSES :0

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
 :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, 12, 13, 17 (1957/37)
 :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

SUR19:300:52

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BMR <880407.1212>

PROJECT :Fenton Fault-Barnes Flow, W.A., 1955.
SURVEY NUMBER :19
BASIN :Canning
MAP SHEETS :1:250000
 :SE/51-11
 :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, 2, 3, 4, 5, 6 (1959/63)
 :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

SUR20:300:52

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BMR <880407.1212>

PROJECT :Langey's Crossing, W.A., 1955.
SURVEY NUMBER :20
BASIN :Canning
MAP SHEETS :1:250000
 :SE/51-7
 :Derby
LOCATION :W.Longitude 123.0
 :E.Longitude 123.75
 :N.Latitude 17.25
 :S.Latitude 17.75

TRAVERSES :A

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
 :20-RB81
 :Data Sheet Boxes
 :SURVEY 20-1
 :Cylinders
 :None

RESULTS :Drawing Office Numbers
 G115-66, 67, 69 (1956/112)
 :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 :Australian Archives (BMR file 1981-142)
 Tape Boxes A1725
 Record Boxes A1724
 Data Sheet Boxes A5692

PEDIN :Unique Survey Number S6550035
 :Date of Entry July 1986

SUR21:300:52

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BMR <880407.1213>

PROJECT :Broome, W.A., 1955.
SURVEY NUMBER :21
BASIN :Canning
MAP SHEETS :1:250000
 :SE/51-06
 :Broome
LOCATION :W.Longitude 122.25
 :E.Longitude 122.5
 :N.Latitude 17.75
 :S.Latitude 18.0

TRAVERSESES :F, G, H, J

EQUIPMENT :Amplifiers TIC 521, 24 channel.
 :Magnetic Tape none
 :Geophones TIC 20Hz
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
 :21-RB82 to 21-RB84 continuous.
 >Data Sheet Boxes
 :None
 :Cylinders
 :None

RESULTS :Drawing Office Numbers
 G115-210, 211 (1954/55)
 G178-11, 16, 19, 11-1 (1954/55)
 :Publications

Smith E.R.
Broome seismic reflection survey,
Western Australia, 1954-55.
Bureau of Mineral Resources, Australia, Record 61/57.

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

PEDIN :Unique Survey Number S6550036
 >Date of Entry July 1986

SUR22:300:52

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BMR <880407.1213>

PROJECT :La Grange, W.A., 1955.
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 (1960/49)
 :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

SUR23:300:52

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BMR <880407.1213>

PROJECT :Nerrima No 1, Velocity Survey, W.A., 1955.

SURVEY NUMBER :23

BASIN :Canning

MAP SHEETS :1:250000

:SE/51-11, 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-RB86

:Data Sheet Boxes

:None

:Cylinders

:None

RESULTS :Drawing Office Numbers

G132-3-1 (1962/65)

G132-6 to G132-15 (1962/65)

: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

SUR24:300:52

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BMR <880407.1213>

PROJECT :Wandagee Hill-Middalya, W.A., 1955.
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 TIC 521, 24 channel.
 :Magnetic Tape none
 :Geophones TIC 20Hz.
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
 :24-RB87 to 24-RB89 continuous.
 :Data Sheet Boxes
 :SURVEY 24-1
 :Cylinders
 :None

RESULTS :Drawing Office Numbers
 G98-42, 44, 45, 46, 47, 48 (1962/117)
 G98-19-1 (1962/117)
 :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

SUR25:300:52

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BMR <880407.1213>

PROJECT :Busselton, W.A., 1956.
SURVEY NUMBER :25
BASIN :Perth
MAP SHEETS :1:250000
 :SI/50-05, SI/50-06
 :Busselton, Collie
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 20Hz.
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
 G251-2 (1962/108)
 G193-7, 54, 55, 56, 58, 72 (1962/108)
 :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

SUR26:300:52

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BMR <880407.1213>

PROJECT :Rockingham-Mundijong, W.A., 1956.
SURVEY NUMBER :26
BASIN :Perth
MAP SHEETS :1:250000
 :SI/50-02
 :Pinjarra
LOCATION :W.Longitude 115.75
 :E.Longitude 116.25
 :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 20Hz.
FORMAT :Monitor records only.
PARAMETERS :Low-cut filter 28Hz
 :High-cut filter 65Hz
 :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
 G193-47-1 (1962/107)
 G193-31, 52, 53, 59, 60, 61, 62 (1962/107)
 :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

SUR27:300:52

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BMR <880407.1213>

PROJECT :Cookernup, W.A., 1956.
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 :Monitor records only.
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 (1962/109)
 G193-40, 41, 73, 74 (1962/109)
 G193-40-1 (1962/109)
 :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

SUR28:300:52

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BMR <880407.1213>

PROJECT :Bonaparte Gulf, W.A., 1956.
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

TRAVERSES :A, B, C: Carlton Basin. A, B, C, D, E, F: Spirit Hill.

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
: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 (1957/46)
:Publications
Robertson C.S.
Preliminary report on a seismic survey in the Bonaparte
Gulf area, June-October, 1956.
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

SUR29:300:52

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BMR <880407.1213>

PROJECT :Heywood Experimental, Vic, 1956.
SURVEY NUMBER :29
BASIN :Otway
MAP SHEETS :1:250000
 :SJ/54-11
 :Portland
LOCATION :W.Longitude 141.5
 :E.Longitude 142.0
 :N.Latitude 38.0
 :S.Latitude 38.25

TRAVERSES :A, B, C, D

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

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

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 (1958/28)
 + photocopies of monitors. (1958/28)
 :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 S3560024
 :Date of Entry July 1986

SUR30:300:52

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BMR <880407.1213>

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 6Hz and 20Hz
FORMAT : Monitor records only.
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 to G285-7 (1957/45)
 G285-1, 8, 9, 10, 11, (1958/48)
 G285-12, 13, 14 + monitors (1958/48)
 : Publications

Robertson C.S.
Preliminary Report on a seismic reflection survey in the
Sydney Basin, February-May, 1956.
Bureau of Mineral Resources, Australia, Record 57/45.

Robertson C.S.
Final report on a seismic reflection survey in the Sydney
Basin, New South Wales, February-May, 1957.
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

SUR31:300:52

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BMR <880407.1215>

PROJECT :Oodnadatta, S.A., 1957.
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 TIC 621, 24 channel.
 :Magnetic Tape none
 :Geophones TIC 6Hz and 20Hz
FORMAT :Monitor records only.
PARAMETERS :Low-cut filter 35Hz
 :High-cut filter 70Hz.
 :Charge size 10 lb. (Geophex)
 :Shot Hole Depth 20 ft (pattern holes) 50 ft,
 100 ft, 180 ft.

GEOMETRY :Spread 1320-0-1320 ft (split).
 660-0-660 ft (split).
 :Geophone spacing 55 and 110 ft.
 :Geophone pattern 4 in line 5 feet apart.
 :CDP fold single

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, 3, 4, 5, 6, 7, 8, (1962/17)
 G319-9, G85-84 (1962/17)
 :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

SUR32:300:52

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BMR <880407.1215>

PROJECT :Haddon Downs, S.A., 1957.
SURVEY NUMBER :32
BASIN :Eromanga-Cooper.
MAP SHEETS :1:250000
 :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 20Hz.
FORMAT :Monitor records only.
PARAMETERS :Low-cut filter 25Hz.
 :High-cut filter 50Hz.
 :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
 G296-2 to G296-7 (1959/19)
 + copies of monitors (1959/19)
 :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

SUR33:300:52

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BMR <880407.1215>

PROJECT :Latrobe Valley, Vic, 1958.
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

TRAVERSESES :A, B, C

EQUIPMENT :Amplifiers TIC 621, 24 channel
 :Magnetic Tape none
 :Geophones TIC 6Hz and 20Hz
FORMAT :Monitor records only.
PARAMETERS :Low-cut filter 27Hz.
 :High-cut filter 68Hz.
 :Charge size not stated. (GEOPHEX)
 :Shot Hole Depth not stated

GEOMETRY :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

DATA :Tape Boxes
 :None
 :Record Boxes
 :33-RB122
 :Data Sheet Boxes
 :None
 :Cylinders
 :None

RESULTS :Drawing Office Numbers
 G93-56, 57, 58, 59 (1958/101)
 G93-64, 56, 60, 57, 58, 62 (1959/151)
 G93-61, 63, (1959/151)
 G296-8 (1959/151)
 :Publications

Lodwick K.B.

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.

SUR33:300:52

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BMR <880407.1215>

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

SUR34:300:52

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BMR <880407.1215>

PROJECT :Surat, Qld, 1958.
SURVEY NUMBER :34
BASIN :Surat
MAP SHEETS :1:250000
:SG/55-16
:Surat
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 68Hz
:Charge size 10 lbs. (GEOPHEX)
: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 (1959/13)
: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

SUR35:300:52

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BMR <880407.1215>

PROJECT :Carpentaria Basin, Qld, 1958.
SURVEY NUMBER :35
BASIN :Carpentaria
MAP SHEETS :1:250000
:SE/54-01, SE/54-03, SE/54-04, SE/54-05, SE/54-06
:SE/54-07, SE/54-08, SE/54-10, SE/54-11, SE/54-15
:Mornington, Galbraith, Walsh, Westmoreland
:Burketown, Normanton, Red River, Donors Hill
:Croydon, Millungera,
LOCATION :W.Longitude 138.0
:E.Longitude 144.0
:N.Latitude 15.5
:S.Latitude 20.0

TRAVERSES :A, B, C, D, G, I, M, W

EQUIPMENT :Amplifiers TIC 621, 24 channel.
:Magnetic Tape none
:Geophones TIC 6Hz and 20Hz
FORMAT :Monitor records only.
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

SUR35:300:52

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BMR <880407.1215>

RESULTS :Drawing Office Numbers
G318-4, 5, 7, 9, 13 (1959/4)
G318-16, 17, 18, 19, 20 (1959/4)
E54/B3-12, 13, 14A, 15A (1975/73)
E54/B3-17 to 24 (1975/73)
E54/B3-26 to 54 (1975/73)

:Publications

Robertson C.S., Moss F.J.

Preliminary report on a seismic survey in the
Carpentaria Basin, Queensland, July-December 1958.
Bureau of Mineral Resources, Australia, Record 59/4.

Robertson C.S., Moss F.J.

Carpentaria Basin seismic survey, July-December 1958.
Bureau of Mineral Resources, Australia, Record 75/73.

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

SUR36:300:52

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BMR <880407.1215>

PROJECT :Latrobe Valley, Vic, 1959.
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 DS7-700
 :Geophones TIC 20 hz.
FORMAT :Analogue, amplitude modulation.
PARAMETERS :Low-cut filter 20Hz
 :High-cut filter 70Hz
 :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, 66, 67 (1960/48)
 G268-11 (1960/48)
 :Publications

Lodwick K.B.
Latrobe Valley seismic reflection survey, Victoria, 1959.
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

SUR37:300:52

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BMR <880407.1215>

PROJECT :Cooroorah Anticline, Qld, 1959.
SURVEY NUMBER :37
BASIN :Bowen
MAP SHEETS :1:250000
 :SF/55-16
 :Duarina
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 DS7-700
 :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
 G268-11-1, (1961/107)
 G229-6, 7, 10, 11, 13, 14 (1961/107)
 G229-15, 16, 17, 18, 19 (1961/107)
 :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

SUR38:300:52

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BMR <880407.1215>

PROJECT :Quilpie-Eromanga, Qld, 1959.
SURVEY NUMBER :38
BASIN :Eromanga
MAP SHEETS :1:250000
:SG/54/08, SG/54-12, SG/54-16,
:SG/55-05, SG/55-09, SG/55-13.
:Windorah, Eromanga, Thargomindah,
:Adavale, Quilpie, Toompine.
LOCATION :W.Longitude 142.0
:E.Longitude 145.0
:N.Latitude 26.0
:S.Latitude 27.0

TRAVERSESES :A, B, C, D.

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 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

SUR38:300:52

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BMR <880407.1215>

RESULTS :Drawing Office Numbers
 G335-1-1 (1962/161)
 G335-4, 5, 6 , 7, 9, 10 (1962/161)
 G335-11, 12, 13, 14, 15 (1962/161)
 :Publications
Bigg-Wither A., 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

SUR39:300:52

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BMR <880407.1215>

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

DATA :Tape Boxes
:39-TB67, 39-TB68 and 39-TB409.
: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 (1960/107)
:Publications
Lodwick K.B., Watson S.J.
Surat Basin seismic reconnaissance survey, Qld., 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

SUR40:300:52

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BMR <880407.1215>

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 DS7-700
: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, 39, 40, 41, 95 (1962/133)
G48-96, 97, 98, 99 (1962/133)
G48-9-1, G48-10-1 (1962/133)
G48-21-1, G38-99 (1962/133)
:Publications
Smith E.R., Lodwick K.B.
Surat Basin seismic reconnaissance survey, Qld., 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

SUR41:300:52

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BMR <880407.1216>

PROJECT :Timbury Hills, No 2 Bore, Velocity Survey, 1960
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, 84, 85, 86, 95, 96 (1962/51)
G85-101 (1962/51)
: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

SUR42:300:52

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BMR <880407.1216>2>

PROJECT :Pickanjinnie, No 1 Bore, Velocity Survey, 1960.
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

TRAVERSES :Well Velocity Survey

EQUIPMENT :Amplifiers TIC 621
:Magnetic Tape none
:Geophones 3-component
FORMAT :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, 102, 103, 82, 87 (1962/52)
G38/88, 89, 90, 91, 92, 93 (1962/52)
G38/94, 98 (1962/52)
: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

SUR43:300:52

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BMR <880407.1216>

PROJECT :Emerald, Duaringa, Qld, 1960.
SURVEY NUMBER :43
BASIN :Bowen
MAP SHEETS :1:250000
:SF/55-15, SF/55-16.
:Emerald, Daringa
LOCATION :W.Longitude 147.75
:E.Longitude 150.0
:N.Latitude 23.5
:S.Latitude 24.0

TRAVERSES :A, B, C, D, E, F, G, H, J, K, L, M, N.

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 20lbs. (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 (1961/150)
F55/B3-18, 33, 20, 19, 25 (1965/2)
F55/B3-26, 27, 28, 29, 30 (1965/2)
F55/B3-31, 1-1, 1-1, 22 (1965/2)

SUR43:300:52

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BMR <880407.1216>

: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

SUR44:300:52

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BMR <880407.1216>

PROJECT :Winton, Qld, 1960.
SURVEY NUMBER :44
BASIN :Eromanga-Galilee
MAP SHEETS :1:250000
 :SF/54-12
 :Winton
LOCATION :W.Longitude 142.5
 :E.Longitude 143.25
 :N.Latitude 22.0
 :S.Latitude 22.5

TRAVERSES :A

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 (1964/116)
 F54/B3-51, 52, 40, 2 (1964/116)
 :Publications
Robertson C.S.
Winton seismic survey, Queensland, 1960.
Bureau of Mineral Resources, Australia, Record 64/116.

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

SUR45:300:52

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BMR <880407.1216>

PROJECT :Rosedale No 1 Bore, A.P.M., Velocity Survey,
:Victoria, 1960.

SURVEY NUMBER :45

BASIN :Gippsland

MAP SHEETS :1:250000

:SJ/55-10

:Warragul

LOCATION :W.Longitude 147.0

:E.Longitude 147.5

:N.Latitude 38.0

:S.Latitude 39.0

TRAVERSES :Well Velocity Survey

EQUIPMENT :Amplifiers TIC 521

:Magnetic Tape none

:Geophones TIC 3-component

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

:45-TB66

:Record Boxes

:45-RB168

:Data Sheet Boxes

:None

:Cylinders

:None

RESULTS :Drawing Office Numbers

G105/2, 10, 11, 12, 13 (1962/64)

G92/83, 84 (1962/64)

:Publications

Watson S.J., Lodwick K.B.

Rosedale velocity survey of APM No. 1 bore,

Victoria, 1960.

Bureau of Mineral Resources, Australia, Record 62/64.

STORAGE :Australian Archives (BMR file 1981-142)

Tape Boxes A1725

Record Boxes A1724

Data Sheet Boxes A5692

PEDIN :Unique Survey Number S3600029

:Date of Entry July 1986

SUR46:300:52

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BMR <880407.1216>

PROJECT :Murray Basin, N.S.W., Vic, S.A., 1960.
SURVEY NUMBER :46
BASIN :Murray
MAP SHEETS :1:250000
:SI/55-09, SI/55-10, SI/54-11, SI/54-12
:Hay, Narrandera, Balranald, Mildura
LOCATION :W.Longitude 140.5
:E.Longitude 146.0
:N.Latitude 33.0
:S.Latitude 35.0

TRAVERSES :A, AA, B, BB, C, CC, D, DD, E, EE, F,
FF, G, GG, H, HH, I, II.

EQUIPMENT :Amplifiers TIC 521, 24 channel.
:Magnetic Tape none
:Geophones TIC 20Hz., TIC 6Hz.
FORMAT :
PARAMETERS :Low-cut filter 23Hz.
:High-cut filter 78Hz
:Charge size 5 lbs. (GEOPHEX)
:Shot Hole Depth 90 feet.

GEOMETRY :Spread 1320-0-1320 ft (split).
660-0-660 ft (split).
:Geophone spacing 55 and 110 ft.
:Geophone pattern 6, bunched or 22 ft apart.
:CDP fold single

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, 9, 10, 21, 37, 49, 51 (1962/164)
:Publications
Watson S.J.
Murray Basin seismic survey, 1960.
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 S0600048
:Date of Entry July 1986

SUR47:300:52

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BMR <880407.1216>

PROJECT :Rosedale, Vic, 1961.
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, Ampitude modulation.
PARAMETERS :Low-cut filter 18Hz
 :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
 G93-43-1, G93-28-2 (1961/165)
 G93-49, 79, 80, 81, 82 (1961/165)
 G93-85 to G93-91 (1961/165)
 :Publications

Fowler K.F.
Rosedale seismic survey, Victoria, 1961.
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

SUR48:300:52

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BMR <880407.1216>

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 :A, B, C, D, E, F, G, H, J, K, L, M, N, P

EQUIPMENT :Amplifiers TIC 621, 24 channel.
:Magnetic Tape Electro-tech 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 1320-0-1320 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 (1962/183)
:Publications
Lodwick K.B., Bigg-Wither A.L.
Southern Surat Basin, seismic survey, 1961.
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 S4610062
:Date of Entry July 1986

SUR49:300:52

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BMR <880407.1216>

PROJECT :Amadeus Basin.Southern Margin, N.T., 1961.
SURVEY NUMBER :49
BASIN :Amadeus
MAP SHEETS :1:250000
:SG/53-02, SF/53-14
:Rodinga, Alice Springs
LOCATION :W.Longitude 133.5
:E.Longitude 135.00
:N.Latitude 23.5
:S.Latitude 25.5

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 6H
FORMAT :Analogue, amplitude modulation.
PARAMETERS :Low-cut filter K18 Hz.
:High-cut filter K75 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 (1962/167)
: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

SUR50:300:52

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BMR <880407.1216>

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 130.0
: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 10lbs. (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, 10, 11, 13, 14 (1967/123)
G51/B3-15, 16, 17, 18, 19 (1967/123)
G51/B3-20, 21, 22, 23, 24 (1967/123)
G51/B3-25, 26, 27, 28, 29 (1967/123)
G51/B3-51, 30, 31 (1967/123)
G51/B3-11-2, G51/B3-11-3 (1967/123)
G51/B3-12-1, G51/B3-12-2 (1967/123)
G52/B3-7-1, G52/B3-9-1 (1967/123)
G52/B3-24, 28, 29, 31, 50 (1967/123)
G52/B3-1, 2, 3, 4, 5, 6 (1963/7)
G52/B3-7, 8, 9, 10, 11 (1963/7)
G52/B3-12, 13, 14, 15, 16 (1963/7)
G52/B3-17, 18, 19 (1963/7)

SUR50:300:52

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BMR <880407.1216>

:Publications

Turpie A.

Giles - Carnegie seismic survey, Western Australia,
1961-1962.

Bureau of Mineral Resources, Australia, Record 67/123.

Watson S.J.

Giles-Carnegie 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

SUR51:300:52

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BMR <880407.1146>

PROJECT :Palm Valley-Hermannsburg, N.T., 1961.
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 :Analogue, 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 6 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 (1963/5)
: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

SUR52:300:52

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BMR <880407.1146>

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 Electro-Tech 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 (1963/63)
 :Publications
Robertson C.S.
Undilla Basin seismic survey, Queensland, 1961.
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

SUR53:300:52

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BMR <880407.1146>

PROJECT :Westbourne-Tambo, Qld, 1961.
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. (GPR No 1963/2)
 G409-4, G409-5. (GPR No 1963/2)
 G55/B3-40, 41, 86, 87, 42, 43 (1964/73)
 :Publications
Bigg-Wither A.L., Davies J.S.
Westbourne seismic survey, south of Tambo, Qld., 1961.
Bureau of Mineral Resources, Australia, GPR No 1963-2.

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

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

SUR54:300:52

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BMR <880407.1146>

PROJECT :Moree, N.S.W., 1962.
SURVEY NUMBER :54
BASIN :Surat, Sydney
MAP SHEET :1:250000
 :SH/55-08
 :Moree
LOCATION :W.Longitude 148.00
 :E.Longitude 150.00
 :N.Latitude 28.00
 :S.Latitude 30.0

TRAVERSES :J, P, R, S, T, U, V, W

EQUIPMENT :Amplifiers TI 8000
 :Magnetic Tape Electro-Tech DS7-700
 :Geophones Electro-Tech EVS-2B 20hz.
 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),
 Trav P, R, S, T, U.
 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
 H55/B3-1, 2, 3, 19, 20 (1964/109)
 H55/B3-21, 22, 23, 25, 26 (1964/109)
 H55/B3-27, 28, 16 (1964/109)
 G55/B3-21-1 (1964/109)
 :Publications
Lodwick K.B., Bigg-Wither A.L.
Moree area seismic survey, New South Wales, 1962.
Bureau of Mineral Resources, Australia, Record 64/109.

SUR54:300:52

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BMR <880407.1146>

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

SUR55:300:52

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BMR <880407.1146>

PROJECT :Gosses Bluff, N.T, 1962.
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, 67 (1964/66)
F53/B3-26 to F53/B3-58 (1964/66)
: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

SUR56:300:52

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BMR <880407.1146>

PROJECT :Ooraminna N.T, 1962.
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 DS7-700
: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/B3-64, 59, 26-1, 27-1 (1966/57)
F53/B3-61, 60, 63, 65, 70 (1966/57)
F53/B3-104, 105, 79, 106 (1966/57)
F53/B3-84, 85, 86, 87, (1966/57)
F53/B3-106-1, 66, 62, 107 (1966/57)
: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 A1725
Record Boxes A1724
Data Sheet Boxes A5692
PEDIN :Unique Survey Number S8620065
:Date of Entry July 1986

SUR57:300:52

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BMR <880407.1146>

PROJECT :Giles.Carnegie, WA, 1962. SEE SURVEY 50.

SURVEY NUMBER :57

PEDIN :Unique Survey Number S0610064

:Date of Entry July 1986

SUR58:300:52

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BMR <880407.1146>

PROJECT :Alice Springs, N.T, 1962.
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

TRAVERSES :G, J, K, X, Y.

EQUIPMENT :Amplifiers HTL 7000B
 :Magnetic Tape Electro-tech DS7-700
 :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 (1963/6)
 :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

SUR59:300:52

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BMR <880407.1146>

PROJECT :Alice Springs observatory sites, N.T, 1962.

SURVEY NUMBER :59

BASIN :Amadeous

MAP SHEETS :1:250000

:SF/53-14

:Alice Springs.

LOCATION :W.Longitude 132.5

:E.Longitude 133.0

:N.Latitude 23.5

:S.Latitude 24.0

TRAVERSES :Site Investigation Only

EQUIPMENT :Amplifiers not relevant

:Magnetic Tape not relevant

:Geophones not relevant

FORMAT :Analogue, 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

F53/B3-92, 93 (1965/59)

: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 S8620067

:Date of Entry July 1986

SUR60:300:52

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BMR <880407.1146>

PROJECT :Poole Range, contract survey, W.A, 1962.
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
:Charge size various (GEOPHEX)
: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 (1974/43)
:Publications
Compagnie Generale de Geophysique.
Poole Range Seismic Survey, 1962.
Bureau of Mineral Resources, Australia, Record 74/43.

Ferrand J.
Poole Range Seismic Survey, 1962.
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

SUR61:300:52

Page 61.1

BMR <880407.1217>

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 (1966/144)
:G55/B3-21-2 (1966/144)
:Publications
Davies J.S., Lodwick K.B.
St. George - Eulo reconnaissance seismic survey,
Great Artesian Basin, Queensland, 1962.
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 S4620068
:Date of Entry July 1986

SUR62:300:52

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BMR <880407.1217>

PROJECT :Thargomindah-Noccundra, QLD, 1962.
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, Tompine,
:Strzelecki, Tickalara, Bullo, Eulo.
LOCATION :W.Longitude 141.0
:E.Longitude 144.0
:N.Latitude 27.25
:S.Latitude 28.25
TRAVERSESES :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
:62-TB75 to 62-TB78 continuous.
: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 (GPR No 1963/6)
G54/B3-6 to G54/B3-10 (GPR No 1963/6)
G54/B3-62, 64, 85, 75, 72 (1966/177)
G54/B3-71, 80, 84, 73, 74 (1966/177)
G54/B3-50, 52, 51, 3-1 (1966/177)
G54/B3-2-1, 34-1, 61-2 (1966/177)
G54/B3-63 (1966/177)
G54/B2-18, 6, 7 (1966/177)
G54/B3-49, + 2 rough sections GPR 1964/11)
G54/B3-24, 1, 9, 10, 8, 7 (1964/72)
G54/B3-2, 3, 61 (1964/72)

SUR62:300:52

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BMR <880407.1217>

: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.

(This record supersedes Record No. 1964/72)

Lodwick K.B.

Thargomindah-Noccundra area, Eromanga Basin, Queensland, Reconnaissance Survey, 1962.

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. 64-11.

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

SUR63:300:52

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BMR <880407.1217>

PROJECT :S.E Georgina Basin, QLD, 1963.
SURVEY NUMBER :63 (includes Survey 70)
BASIN :Georgina Basin
MAP SHEETS :1:250000
 :SF/54-09, SF/54-10, SF/54-13,
 :SG/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,
 :M, N, O, P, Q, R, S, T, U, V, W

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
 :Charge size 1x2.5 lb to 7x2.5 lb. (GEOPEX)
 :Shot Hole Depth 45, 60, 90 feet.

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 ap
 8 to 32 in line 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 ?)

SUR63:300:52

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BMR <880407.1217>

RESULTS :Drawing Office Numbers

G54/B3-4, 5, 6 (GPR 1964/2)
F54/B3-4, 50 (1965/39)
F54/B3-23, 23-1, 48, 47 (1965/75)
F54/B3-43, 44, 45, 46, 101 (1965/75)
F54/B3-9, 10, 12, 20, 6 (1965/75)
F54/B3-7, 8, 16, 18, 17 (1965/75)
F54/B3-19, 22, 11, 21, 13 (1965/75)
F54/B3-14, 15, 31 (1965/75)
E53/B3-1 (1965/75)
E53/B3-1 (1967/90)
F54/B3-23, 23-1, 48, 47-1 (1967/90)
F54/B3-43-1, 44-1, 45-1 (1967/90)
F54/B3-46-1, (1967/90)
F54/B3-57 to F54/B3-59 (1967/90)
F54/B3-81 to F54/B3-110 (1967/90)
F54/B3-113 to F54/B3-117 (1967/90)
F54/B3-120 (1967/90)
F54/B3-130 to F54/B3-133 (1967/90)
F54/B3-136 (1967/90)
F54/B3-138 to F54/B3-145 (1967/90)
F54/B3-150, 151 (1967/90)
F54/B3-153 to F54/B3-168 (1967/90)
F54/B3-170 (1967/90)
F54/B3-172 to F54/B3-174 (1967/90)
F54/B2-31-1 (1967/90)

:Publications

Jones P., Robertson C.S.

South-eastern Georgina Basin seismic survey,
Queensland, 1963-1964.

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

SUR64:300:52

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BMR <880407.1217>

PROJECT :Thargomindah-Noccundra, QLD, 1963. SEE SURVEY 62.

SURVEY NUMBER :64

PEDIN :Unique Survey Number S4620070

:Date of Entry July 1986

SUR65:300:52

Page 65.1

BMR <880407.1217>

PROJECT :Carnarvon Basin, W.A, 1963, 1964.
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
LOCATION :Byro, Kennedy Range, Wooramel, Quobba
:W.Longitude 114.5
:E.Longitude 116.25
:N.Latitude 25.0
:S.Latitude 26.0
TRAVERSES :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 :Analogue, amplitude modulation.
PARAMETERS :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.
:69-TB104 to 69-TB106 continuous.
:68-TB107 and 68-TB108.
: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 65-1, 65-2.
:SURVEY 69-1 and 69-2.
:Cylinders
:3, 10, 12, 73 (17 ?)
:218 to 224

SUR65:300:52

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BMR <880407.1217>

RESULTS :Drawing Office Numbers
 G50/B3-153, 129, 146 (1967/10)
 G50/B3-137, 138, 147, 148 (1965/40)
 G50/B3-113 (GPR 1964/7)

: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.

Southern Carnarvon Basin seismic survey, W.A., 1963.
(Traverse B - Byro Basin)
Bureau of Mineral Resources, Australia, GPR 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

SUR66:300:52

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BMR <880407.1217>

PROJECT :Canarvon Basin, W.A. 1964. SEE SURVEY 65.

SURVEY NUMBER :66

PEDIN :Unique Survey Number S6630087

:Date of Entry July 1986

SUR67:300:52

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BMR <880407.1217>

PROJECT :Bullsbrook, WA, 1964.
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

TRAVERSESES :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
 TIC 20Hz

FORMAT :Analogue, amplitude modulation.
PARAMETERS :Low-cut filter K27 Hz (Trav. A)
 K22 Hz (Trav. B)
 :High-cut filter 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)
 :CDP fold single

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

SUR67:300:52

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BMR <880407.1217>

RESULTS :Drawing Office Numbers
H50/B3-1, 3, 8, 9, 10, 14 (1966/203)
H50/B3-28, 15, 17, 16, 17-1 (1966/203)
H50/B3-27, 16-1, 18, 18-1 (1966/203)

:Publications
Walker D.J., Jones B.F.
Bullsbrook seismic survey, Perth Basin, W.A., 1964.
Bureau of Mineral Resources, Australia, Record 66/203.
(This record supersedes Record No. 1964/155)

Walker D.J., Raitt J.S.
Bulls Brook (Perth Basin) Seismic Survey, W.A., 1964.
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 S6640058
:Date of Entry July 1986

SUR68:300:52

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BMR <880407.1217>

PROJECT :Carnarvon Basin, WA. 1964. SEE SURVEY 65.

SURVEY NUMBER :68

PEDIN :Unique Survey Number S6630087

:Date of Entry July 1986

SUR69:300:52

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BMR <880407.1217>

PROJECT :Carnarvon Basin. W.A. SEE SURVEY 65.

SURVEY NUMBER :69

PEDIN :Unique Survey Number S6630087

:Date of Entry July 1986

SUR70:300:52

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BMR <880407.1217>

PROJECT :S.E Georgina Basin, QLD, 1964. SEE SURVEY 63.

SURVEY NUMBER :70

PEDIN :Unique Survey Number S4630092

:Date of Entry July 1986

SUR71:300:52

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BMR <880407.1148>

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 :Drawing Office Numbers
 F53/B3-94, 97, 98, 101, 102 (1966/75)
 :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

SUR72:300:52

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BMR <880407.1148>

PROJECT :BMR 12 (Cockroach)Well, QLD. 1964
SURVEY NUMBER :72
BASIN :Georgina
MAP SHEETS :1:250000
 :SF/53-12
 :Tobermory
LOCATION :W.Longitude 137.0
 :E.Longitude 137.5
 :N.Latitude 22.25
 :S.Latitude 22.75

TRAVERSESES :Well Velocity Survey.

EQUIPMENT :Amplifiers HTL 7000B, 24 channel.
 :Magnetic Tape None
 :Geophones TIC 3-D Well Geophone
FORMAT :
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
 :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, 99, 100, 111 (1966/131)
 F53/B3-112, 113 (1966/131)
 :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

SUR73:300:52

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BMR <860924.121

PROJECT :Otway and Sydney Basins.
:Vibroseis contract, 1964.
SURVEY NUMBER :73
BASIN :Otway, Sydney.
MAP SHEETS :1:250000
:SJ/54-02, SJ/54-06, SI/54-14, SI/56-01.
:Naracoorte, Penola, Pinnaroo, Singleton.
LOCATION :W.Longitude 138.0
:E.Longitude 155.0
:N.Latitude 32.0
:S.Latitude 39.0

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

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

DATA :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, 9, 10, 13, 14
J54/B3-15, 16, 17, 18
G438-1-1.

SUR73:300:52

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BMR <860924.121

:Publications

Seismograph Service Ltd.

Otway and Sydney Basins experimental "Vibroseis"
survey, 1964.

Bureau of Mineral Resources, Australia, Record 65/198.

Moss F.J.

Experimental Surveys using the Vibroseis method.
The APEA Journal, 1965.

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

SUR74:300:52

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BMR <880407.1148>

PROJECT :Otway and Sydney Basin follow up
:comparison with Vibroseis survey,
:1965, 1966.

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 138.0
:E.Longitude 155.0
:N.Latitude 32.0
:S.Latitude 39.0

TRAVERSES :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
I56/B3-16, 20, 21, 22, 23, 26 (1966/115)
I56/B3-27, 28, 29, 31, 32 (1966/115)
I56/B3-33, 34, 36, 37, 38 (1966/115)
I56/B3-39, 40 (1966/115)
I56/B3-30-1, I56/B3-25-1 (1966/115)
J54/B3-18, 19, 20, 21, 22, 23 (1966/25)
J54/B3-3-1, 4-1, 5-1 (1966/25)
G438-10 (1966/25)
J53/B3-8, 15, 10, 17, 9, 14, (1966/176)
J53/B3-13, 18, 16 (1966/176)
G438-1-1 (1966/176)
J54/B3-47, 2-1, 19, 20, 4, 21 (1974/157)
J54/B3-22, 44, 42, 45A, 38 (1974/157)
J54/B3-37, 23, 1-2, 26, 15 (1974/157)

SUR74:300:52

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J54/B3-10-1, 10-2, 24A, 6, 32 (1974/157)
J54/B3-30A, 35, 34, 33A, 36 (1974/157)
J54/B3-27, 28, 29A, 40, 18A (1974/157)
J54/B3-1-1, 17A, 9-1, 9-2 (1974/157)
J54/B3-31A, 41, 39, 16, 7 (1974/157)
I56/B3-16, 31, 32, 38, 23, 22 (1974/157)
I56/B3-39, 37, 20, 21, 36, 40 (1974/157)
I56/B3-30A, 25, 26, 27, 28 (1974/157)
I56/B3-29, G438-4, V/B3-1 (1974/157)

: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

SUR75:300:52

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BMR <880407.1148>

PROJECT :S.Georgina Basin, QLD, 1965.
SURVEY NUMBER :75
BASIN :Georgina
MAP SHEETS :1:250000
:SF/53-08, SF/54-05, SF/53-12, SF/54-09
:Sandover River, Urandangi,
:Tobermory, Glenormiston.
LOCATION :W.Longitude 137.0
:E.Longitude 138.5
: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, + 1 rough section (1966/28)
F53/B2-20, F53/B2-22-1 (1974/89)
F53/B1-37 (1974/89)
F53/B3-100, 111, 121, 122 (1974/89)
F53/B3-114, 115, 116, 131 (1974/89)
F53/B3-132, 133 (1974/89)
F53/B3-117, 118, 119, 120 (1974/89)
F53/B3-123, 125, 126, 127 (1974/89)
F53/B3-128, 129, 130A, 134 (1974/89)
F53/B3-135A, 136A, 137 (1974/89)
F53/B3-124-1, 124-2, 124-3 (1974/89)
F53/B3-124-4, 124-5 (1974/89)
F53/B3-138-1A (1974/89)

SUR75:300:52

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BMR <880407.1148>

: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.

(This record supercedes Record No. 1966/28)

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

SUR76:300:52

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BMR <880407.1148>

PROJECT :Timor Sea, Bonaparte Gulf, Sparkarray, WA, 1965.
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, 10, 11 (1966/72)
 D52/B3-10 (1966/72)
 :Publications

Smith E.R.
Timor Sea/Joseph Bonaparte Gulf marine gravity and seismic
"spark array" survey, northwest Australia, 1965.
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 S6650054
 >Date of Entry July 1986



* R 9 0 0 1 5 0 2 *

SUR77:300:52

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BMR <880407.1148>

PROJECT :Flinders River, Queensland, 1966.
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

TRAVERSES :A, B, C, D, E, F, G, P13, P10.

EQUIPMENT :Amplifiers HTL 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
 F55/B3-57, F55/B3-56-1, Q/B2-12A (1970/52)
 F54/B3-134-1, 176-1, 171-1 (1970/52)
 F54/B3-190, 191, 192, 193, 194 (1970/52)
 F54/B3-195, 196, 197, 198, 199 (1970/52)
 F54/B3-200, 201, 202, 203, 204 (1970/52)
 F54/B3-205, 206, 207, 208, 188 (1970/52)
 F54/B3-187, 189, 185, 175, 186 (1970/52)
 F54/B2-33, 43-1 (1967/164)
 F54/B3-134-1, 56, 171 (1967/164)

SUR77:300:52

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BMR <880407.1148>

:Publications

Jones P.

Flinders River seismic survey, Queensland, 1966.

Bureau of Mineral Resources, Australia, Record 70/52.

Jones P., 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

SUR78:300:52

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BMR <880407.1148>

PROJECT :East Otway Basin, 1967.
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

TRAVERSES :A, B, C, D, Q, R, S, U, V, W, X.

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 (1974/187)
J55/B3-23, 25, 26, 27, 28 (1974/187)
J55/B3-29, 30A, 31A, 32A (1974/187)
J55/B3-33, 34A, 35, 36, 37 (1974/187)
J55/B3-38A, 39, 40 (1974/187)
:Publications
Branson J.C., Mathur S.P.
East Otway Basin seismic survey, Victoria, 1967.
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

SUR79:300:52

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BMR <880407.1148>

PROJECT :Ngalia Basin, 1967.
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

TRAVERSESES :A, B

EQUIPMENT :Amplifiers TI 8000, 24 channel
 :Magnetic Tape Eletro-Tech DS7-700
 :Geophones Electro-Tech EVS-2B 20Hz.
 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, 3, 5, 11, 12, 13 (1969/69)
 :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

SUR80:300:52

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BMR <880407.1148>

PROJECT :Roma Shelf Experimental Survey, 1967-1968.

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, 24channel.

:Magnetic Tape PMR-20

:Geophones HS-J 14Hz.

FORMAT :Analogue, frequency modulation.

PARAMETERS :Low-cut filter varied

:High-cut filter varied

:Charge size varied (GEOPHEX)

:Shot Hole Depth varied

GEOMETRY :Spread varied (split).

: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.

:80-RB615 to 80-RB620 continuous.

:Data Sheet Boxes

:SURVEY 80-1 and 80-21.

:Cylinders

:30, 36, 38, 39, 43, 45, 46, 47, 48, 57.

RESULTS :Drawing Office Numbers

:Publications

Smith E.R.

Roma Shelf experimental seismic survey,

Queensland, 1967-68.

Bureau of Mineral Resources, Australia, Record xxxx

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

SUR81:300:52

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BMR <880407.1220>

PROJECT :Timor Sea, Sparkarray, 1967.
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 none
:Geophones Chesapeake PC-100 Hydrophone
FORMAT :Sparker sections only.
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
: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
C51/B8-18 (1969/40)
C52/B8-18, D51/B3-19 (1969/40)
WA/B2-2-1, C52/B3-421 (1969/40)
:Publications

Jones B.F.
Timor Sea gravity, magnetic, and seismic survey, 1967.
Bureau of Mineral Resources, Australia, Record 69/40.

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

SUR82:300:52

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BMR <880407.1220>

PROJECT :Woomera, SA, 1948, 1949.
SURVEY NUMBER :82
BASIN :Cooper.
MAP SHEETS :1:250000
:
LOCATION :W.Longitude
:E.Longitude
:N.Latitude
:S.Latitude

TRAVERSESES :Possible Recording of Atomic Explosions

EQUIPMENT :Amplifiers not relevant
:Magnetic Tape not relevant
:Geophones not relevant
FORMAT :Analogue, 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
:82-RB102 and 82-RB103.
:Data Sheet Boxes
:none
:Cylinders
:none

RESULTS :Drawing Office Numbers
:Publications
:none

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

SUR83:300:52

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BMR <880407.1220>

PROJECT :Maralinga, SA, 1955.
SURVEY NUMBER :83
BASIN :Officer.
MAP SHEETS :1:250000
:
:
LOCATION :W.Longitude
:E.Longitude
:N.Latitude
:S.Latitude

TRAVERSESES :

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

FORMAT :
PARAMETERS :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 (1958/59)
: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

SUR84:300:52

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BMR <880407.1220>

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 SEI PT 700, 24 channel
:Magnetic Tape PMR-20
:Geophones HSJ 14Hz
FORMAT :Analogue, frequency 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, 22-1, 22-2 (1969/70)
F52/B3-1, 3, 5, 11, 12, 13 (1969/69)
F52/B3-21 (1968/136)
Final sections available:
F52/B3-16-1, 11-1, 14-1
F52/B3-12-1, 13-1, 18-1
F52/B3-15-1, 20-1, 19-1
F52/B3-17-1

SUR84:300:52

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BMR <880407.1220>

:Publications

Smith E.R.

Discussion on seismic record sections, Ngalia Basin
Survey, Northern Territory, 1967-68.
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

SUR85:300:52

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BMR <880407.1220>

PROJECT :Deep Crustal Refletion, 1968,
:Merbein, VIC. and Broken Hill, NSW.

SURVEY NUMBER :85

BASIN :Murray Basin and Willyama Block.

MAP SHEETS :1:250000
:SI/54-11, SH/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 Electro-Tech DS7-700.
:Geophones HS-J 14Hz.

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
I54/B3-23A, 22A, 24A, 11 (1972/127)
I54/B3-13A, 12A, 15, 16A (1972/127)
I54/B3-14A, 17A, 6, 25A (1972/127)
I54/B3-9A, 5A, 18-1A, 21A (1972/127)
I54/B3-10-1A, 19, 26A, 20 (1972/127)
I54/B3-7-1A, 8-1, 27A, 28A (1972/127)
I54/B3-23-1A, 22-1A, 24-1A (Rep 183)
I54/B3-25A, 26A, 27A, 28A (Rep 183)
I54/B3-12A, 13A, 11A, 15A (Rep 183)
I54/B3-16A, 14A, ??, 6A (Rep 183)
I54/B3-9A, 5A, 18-1A, 21A (Rep 183)
I54/B3-10-1A, 19A, 20A (Rep 183)
I54/B3-7-1A, ?? (Rep 183)

SUR85:300:52

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BMR <880407.1220>

:Publications

Branson J.C., Moss F.J., Taylor F.J.

Deep crustal reflection seismic test survey, Mildura,
Victoria and Broken Hill, N.S.W., 1968.

Bureau Mineral Resources, Australia, Report 183.

Branson J.C., Moss F.J., Taylor F.J.

Deep crustal reflection seismic test survey, Mildura,
Victoria and Broken Hill, N.S.W., 1968.

Bureau of Mineral Resources, Australia, Record 72/127.

REPROCESSING :Transcribed tapes (1600BPI PE, SEG-B)
:Mildura 83-006, 83-007, 83-008
:Broken Hill 83-009

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

SUR86:300:52

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BMR <880407.1220>

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

TRAVERSESES :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
:not known

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

SUR87:300:52

Page 87.1

BMR <880407.1220>

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-RB527 to 528.

:Data Sheet Boxes

:Cylinders

RESULTS :Drawing Office Numbers

G158-15 to G158-22 (1958/40)

: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

SUR88:300:52

Page 88.1

BMR <880407.1220>

PROJECT :Antarctica, 1958-59.

SURVEY NUMBER :88

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

: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

SUR89:300:52

Page 89.1

BMR <880407.1220>

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

Jewell F.

Wilkes Ice Thickness Measurements, 1961.

Bureau of Mineral Resources, Australia, Record 62/162.

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

SUR90:300:52

Page 90.1

BMR <880407.1220>

PROJECT :Antarctica, 1962

SURVEY NUMBER :90

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

:90-RB531 to 532

:Data Sheet Boxes

:SURVEY 90-1

:Cylinders

:216

RESULTS :Drawing Office Numbers

G265-45, 46, 47, 48, 49, 50 (1964/25)

:Publications

Walker D.G.

Wilkes Geophysical Survey, Antarctica, 1963.

Bureau of Mineral Resources, Australia, GPR No 64/25.

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

SUR91:300:52

Page 91.1

BMR <880407.1223>

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

G364-31, 32 (1965/24)

G265-78, 79, 80, 81, 82, 97 (1965/24)

:Publications

Kirton M.

Wilkes Geophysical Survey, Antarctica, 1963.

Bureau of Mineral Resources, Australia, Record 65/24.

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

SUR92:300:52

Page 92.1

BMR <880407.1223>

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-RB534 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

SUR93:300:52

Page 93.1

BMR <880407.1223>

PROJECT :Antarctica, 1965

SURVEY NUMBER :93

BASIN :

MAP SHEETS :1:250000

:

TRAVERSES :

EQUIPMENT :Amplifiers HTL 7000B 12 channel

:Magnetic Tape none

:Geophones HSJ 14Hz

FORMAT :Monitor records only

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

Allen G.A.

Wilkes ice thickness and related studies, Antarctica
1965.

Bureau of Mineral Resources, Australia, Record 66/71.

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

SUR94:300:52

Page 94.1

BMR <880407.1223>

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

SUR95:300:52

Page 95.1

BMR <880407.1223>

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

TRAVERSESES :Tidbinbilla A, Braidwood A.

EQUIPMENT :Amplifiers TI 8000, 24channel.

:Magnetic Tape Electro-Tech DS7-700

:Geophones HS-J 14Hz.

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 :Spread 2160-0-2160 metres (split).

: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 :Drawing Office Numbers

I55/B2-18-6A (1972/126)

I55/B3-5A, 6A, 7A, 11A (1972/126)

I55/B3-8-1 (1972/126)

:Publications

Taylor F.J., Moss F.J., Branson J.C.

Deep crustal reflection seismic test survey, Tidbinbilla,
A.C.T. and Braidwood, N.S.W., 1969.

Bureau of Mineral Resources, Australia, Record 72/126.

REPROCESSING :Transcribed tapes (1600BPI, PE, SEG-B)

:83-010

STORAGE :Australian Archives (BMR file 1981-142)

Tape Boxes A1725

Record Boxes A1724

Data Sheet Boxes A5692

PEDIN :Unique Survey Number S2690023

:Date of Entry August 1986

SUR96:300:52

Page 96.1

BMR <880407.1223>

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, 24channel.
:Magnetic Tape PMR-20
:Geophones HS-J 14Hz.
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. (33.5m & 45.8m)
:Geophone pattern (a) 32, in 4 lines of 8 par.
to traverse, 20 ft apart,
line spacing 30 ft.
(b) 32, in 2 lines of 16 par.
to traverse, 20 ft apart,
line spacing 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 :Drawing Office Numbers
F53/B3-185, 171, 169A, 172A (1971/141)
F53/B3-173A, 177A, 184A, 162 (1971/141)
F53/B3-181, 167, 166, 187 (1971/141)
F53/B3-188, 179, 180A, 186 (1971/141)
F53/B3-182, 178, 168A, 176 (1971/141)
F53/B3-170, 175, 183-1, 174-2 (1971/141)
F53/B3-143, 144, 145, 146 (1971/4)
F53/B3-159A, G455-83 (1971/4)
F53/B3-190A, 197-1A, 191A (1972/118)
F53/B3-199A, 200A, 201, 202A (1972/118)
F53/B3-203A, 204A, 206A (1972/118)
F53/B3-205A, 198A, 192A (1972/118)
F53/B3-185-1, 177A, 182, 186 (REP 163)
F53/B3-176-1, 175-1, 171 (REP 163)
F53/B3-170, 162, 181, 167 (REP 163)
F53/B3-172A, 173A, 179, 187 (REP 163)
F53/B3-1 ? , 168A (REP 163)
F53/B3-147, 148, 39, 40A (1970/94)
:Publications

Brown A.R.

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

Brown A.R.

A detailed study of Gosses Bluff, Northern Territory,
1969.
Bureau of Mineral Resources, Australia, Record 71/141.

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.
Bureau of Mineral Resources, Australia, Report 163.

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.

SUR96:300:52

Page 96.3

BMR <880407.1223>

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

SUR97:300:52

Page 97.1

BMR <880407.1223>

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

TRAVERSESES A, B, C, D, E, F, G, H, J, K, L, M, N, O.

EQUIPMENT :Amplifiers SIE PT 700, 24channel.
: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 :Tape Boxes
:97-TB593, 99-TB594.
:Record Boxes
:97-RB558 to 97-RB560 continuous.
:97-RB586.
:Data Sheet Boxes
:SURVEY 97-1 to 97-7 continuous.
:Cylinders
:86, 108, 111, 112, 114, 126, 184.

RESULTS :Drawing Office Numbers
F52/B3-74-1A, 72-1A, 71-1A (1974/49)
F52/B3-21-1, 64A, 65A, 49, 50 (1974/49)
F52/B3-51, 53, 52A, 48A, 54 (1974/49)
F52/B3-66A, 61A, 55, 11-1 (1974/49)
F52/B3-67-1, 12-1A, 13A, 20-1A (1974/49)
F52/B3-19A, 63-1, 62, 17-1 (1974/49)
F52/B3-41-1, 57-1, 32-1, 43-1 (1974/49)
F52/B3-45A, 23-1, 42-1, 77 (1974/49)
F52/B3-78, 27, 44-1A, 18-1 (1974/49)
F52/B3-15-1A, 25-1, 26-1A, 28 (1974/49)
F52/B3-37, 76 (1974/49)
F52/B2-56A (1974/49)
F53/B3-150-1, 154-1, 152-1 (1974/49)
F53/B3-151-1, 149-1, 153-1 (1974/49)

SUR97:300:52

Page 97.2

BMR <880407.1223>

:Publications

Moss F.J., Jones P.

Ngalia Basin seismic survey, Northern Territory, 1967-69.
Bureau of Mineral Resources, Australia, Record 74/49.

Wells A.T., Moss F.J.

The Ngalia Basin, Northern Territory: stratigraphy
and structure.
Bureau of Mineral Resources, Australia, Bulletin 212.

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

SUR98:300:52

Page 98.1

BMR <880407.1223>

PROJECT :Geotraverse, WA, 1969.
SURVEY NUMBER :98
BASIN :Western Australian Shield
MAP SHEETS :1:250000
:SH/50-14, SH/50-15, SH/50-16,
:SH/51-13, SH/51-14.
:Perth, Kellerberrin, Southern Cross,
:Boorabin, Widgiemooltha.
LOCATION :W.Longitude 116.0
:E.Longitude 123.0
:N.Latitude 31.0
:S.Latitude 32.0
TRAVERSES :A, C, D, E, F, G, H, J, K
:L, N, O, P, Q, R, S, U
EQUIPMENT :Amplifiers TI 8000, 24channel.
:Magnetic Tape DS7-700
:Geophones HSJ 14Hz.
FORMAT :Analogue, amplitude modulation.
PARAMETERS :Low-cut filter 14 Hz
:High-cut filter 125 Hz.
:Charge size varied lbs. (GEOPHEX)
:Shot Hole Depth 40 metres
GEOMETRY :Spread 2160-0-2160 metres (split).
:Geophone spacing 180 metres.
:Geophone pattern 48
:CDP fold single
DATA :Tape Boxes
:98-TB595, 98-TB596, 98-TB623.
:Record Boxes
:98-RB561 to 98-RB574 continuous.
:98-RB592 and 98-RB631.
:Data Sheet Boxes
:SURVEY 98-1 to 5 continuous.
:Cylinders
:88, 89, 92, 128, 129, 136.
RESULTS :Drawing Office Numbers
WA/B3-21-1A, 26-1A, 29-1A (1973/112)
WA/B3-30-1A, 31-1A, (1973/112)
WA/B3-18, 20, 22, 25, 27 (1973/112)
WA/B3-28, 32 (1973/112)
WA/B3-21-1A, 26A, 29A, 31A (1973/63)
WA/B3-30A, 22, 25, 27, 28 (1973/63)
WA/B3-20, 18, 32 (1973/63)

SUR98:300:52

Page 98.2

BMR <880407.1223>

: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.

Mathur S.P.

Crustal Structure in Southwestern Australia.

Bureau of Mineral Resources, Australia, Record 73/112.

Mathur S.P.

Crustal Structure in Southwestern Australia,
from Seismic and Gravity data.

Bureau of Mineral Resources, Australia, Record 73/63.

Gregson P.J., Paull E.P.

Refraction Recording of Geotraverse Explosions,
1969- Operational Report.

Bureau of Mineral Resources, Australia. 1971/75.

REPROCESSING :Transcribed tapes (1600 BPI, PE, SEG-B)
:83-011, 83-012

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

SUR99:300:52

Page 99.1

BMR <880407.1223>

PROJECT :Moura Coalfield, 1970, Queensland.
SURVEY NUMBER :99
BASIN :Bowen
MAP SHEETS :1:250000
:SG/56-01, SG/55-04.
:Monto, Baralaba
LOCATION :W.Longitude 150.0
:E.Longitude 150.25
:N.Latitude 23.75
:S.Latitude 24.5
TRAVERSESES :A, B, C, D, E, F, G, H, J
EQUIPMENT :Amplifiers SIE PT 700, 24channel.
:Magnetic Tape PMR-20
:Geophones HS-J 14Hz.
FORMAT :Analogue, frequency modulation.
PARAMETERS :Low-cut filter 65Hz and 82Hz.
: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 :Tape Boxes
:99-TB590 to 99-TB592 continuous.
: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/B5-65A, 66, 67, 70, 71 (1971/122)
G56/B5-75, 76, 77, 78, 79, 80 (1971/122)
G85/2-6A, G85/2-7A (1971/122)
: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

SUR100:300:52

Page 100.1

BMR <860924.121

PROJECT :Miscellaneous, 90 mile beach, Mossvale 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 : varies

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

: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

SUR101:300:52

Page 101.1

BMR <860923.162

PROJECT :Antarctica, 1970-71.
SURVEY NUMBER :101
BASIN :
MAP SHEETS :1:250000
:
LOCATION :W.Longitude
:E.Longitude
:N.Latitude
:S.Latitude

TRAVERSESES :

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

SUR102:300:52

Page 102.1

BMR <860924.121

PROJECT :Galilee Basin, Qld, 1971.
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 (1973/33)
 F55/B3-90A, 91A, 80A, 81A (1972/33)
 F55/B3-99, 79, 88, 87, 86 (1972/33)
 F55/B3-85, 84A, 83A, 78A (1972/33)
 F55/B3-96, 94, 92, 93, 89 (1972/33)
 F55/B3-101, 100, 82, 97 (1972/33)
 F55/B3-95A, 98, 102 (1972/33)
 F55/B2-74, 75A, 79A (1972/33)
 F54/B3- 213, 211, 212 (1975/41)

SUR102:300:52

Page 102.2

BMR <860924.121

:Publications

Harrison P.L., Anfiloff W., Moss F.J.

Galilee Basin seismic and gravity survey,
Queensland, 1971.

Bureau of Mineral Resources, Australia, Record 73/33.

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Harrison P.L., Brown A.R.

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Operational Report.

Bureau of Mineral Resources, Australia, Record 71/138.

Harrison P.L.

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Group, base of the Eromanga Basin sequence, northern
Eromanga Basin.

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

SUR103:300:52

Page 103.1

BMR <860924.121

PROJECT :Officer Basin, W.A., 1972.
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, 24channel.
:Magnetic Tape PMR-20
:Geophones HS-J 14Hz.
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
to traverse, spacing in line
6 m, line spacing 14 m.
:CDP fold single

DATA :Tape Boxes
:103-TB610 and 103-TB614.
:Record Boxes
:103-RB603 to 103-RB613 continuous.
:103-RB621 and 103-RB626.
:Data Sheet Boxes
:SURVEY 103-1 to 103-4.
:Cylinders
:121 to 125, 127.

RESULTS :Drawing Office Numbers
G51/B3-85R, G51/B3-85-1 (1973/62)
G51/B3-43A, 44, 45, 46, 47 (1973/62)
G51/B3-32, 33, 34, 35, 36 (1972/95)
G51/B3-37A, 38A, 39 (1972/95)

SUR103:300:52

Page 103.2

BMR <860924.121

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Operational Report.

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Pinchin J. Mathur S.P.

Presurvey report on Officer Basin, seismic survey,
Western Australia, 1972.

Bureau of Mineral Resources, Australia, Record 72/95.

Harrison P.L., Zadoroznyj I.

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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

SUR104:300:52

Page 104.1

BMR <860923.162

PROJECT :Jervis Bay, Explosives Comparison Test, 1973.
SURVEY NUMBER :104
BASIN :Sydney
MAP SHEETS :1:250000
 :SI/56-13.
 :Ulladulla
LOCATION :W.Longitude 150.0
 :E.Longitude 151.0
 :N.Latitude 35.0
 :S.Latitude 35.5

TRAVERSESES :Explosive Tests.

EQUIPMENT :Amplifiers SIE PT 700, 24channel.
 :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

SUR105:300:52

Page 105.1

BMR <860923.162

PROJECT :Goulburn Valley, Explosives Tests, 1974.
SURVEY NUMBER :105
BASIN :Murray
MAP SHEETS :1:250000
 :SJ/55-2
 :Wangaratta
LOCATION :W.Longitude
 :E.Longitude
 :N.Latitude
 :S.Latitude

TRAVERSES :Explosive Tests.

EQUIPMENT :Amplifiers SIE PT 700, 24channel.
 :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 (1974/168)
 :Publications
 Mathur S.P., Abbs G.L.
 Explosive Tests for comparision of seismic
 efficiency of Molanite, TNT and Anzite Blue,
 Victoria, 1974.
 Bureau of Mineral Resources, Australia. 1974/168.

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

SUR106:300:52

Page 106.1

BMR <860924.121

PROJECT :Galilee Basin, Qld 1975.
SURVEY NUMBER :106
BASIN :Galilee
MAP SHEETS :1:250000
 :SF/54-15
 :Brighton Downs
LOCATION :W.Longitude 141.0
 :E.Longitude 143.0
 :N.Latitude 22.5
 :S.Latitude 24.0

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

EQUIPMENT :Amplifiers SIE PT 700, 24channel.
 :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
 :106-RB634, 106-RB635, 106-RB661.
 :Data Sheet Boxes
 :SURVEY 106-1 to 106-7.
 :Cylinders
 :140 to 146, 199.

RESULTS :Drawing Office Numbers
 G85-3-128-1 (1976/27)
 F54/B3-245, 246, 247, 248 (1976/27)
 F54/B3-283, 299, 250, 260A (1976/27)
 F54/B3-279A (1976/27)
 F54/B3-221, 222-1, 223-1 (1975/131)
 F54/B3-224-1, 225-1, 226 (1975/131)
 F54/B3-227A, 228, 229, 232 (1975/131)
 F54/B3-233 (1975/131)
 F55/B3-105, 106 (1975/131)

SUR106:300:52

Page 106.2

BMR <860924.121

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Galilee Basin seismic survey, Operational Report,
Queensland, 1975.

Bureau of Mineral Resources, Australia, Record 76/27.

Hawkins P.J., Harrison P.L.

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Depression, western Galilee Basin.

Queensland Government Mining Journal
79(926), P623-650 1978.

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

SUR107:300:52

Page 107.1

BMR <860923.162

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

TRAVERSES :

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

SUR108:300:52

Page 108.1

BMR <860924.121

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 144.0

:E.Longitude 147.5

: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 :800BPI, SEG-B NRZI

PARAMETERS :Sampling rate 2 mS.

:Filters 12-124Hz.

:Charge size 9 to 27.3 Kg.

:Shot Hole Depth nominal 27m

GEOMETRY :Spread line 1 1000-0-1000 metres.

lines 2, 3, 4 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)

:Line 1 76004 to 76008

:Line 2 76008 to 76010

:Line 3 76011 to 76019

:Line 3B 76019

:Line 4 76019 to 76020

:Record Boxes

:note storage under 106

:106-RB636 to 659 continuous.

:Data Sheet Boxes

:SURVEY 108-1 to 108-6.

:Cylinders

:147 to 152.

RESULTS :Drawing Office Numbers

F55/B3-155A, 156A, 158A, 159A (1979/78)

F55/B3-160A, 161A, 162A, 163A (1979/78)

F55/B3-164A, 166A, 175A, 176A (1979/78)

F55/B3-177A, 178A, 179A, 180A (1979/78)

F55/B3-181A, 182A, 183A (1979/78)

F55/B3-184, 185, 186, 187 (1979/78)

F55/B3-133A to F55/B3-142A (1977/26)

F55/B3-143A to F55/B3-150A (1977/27)

SUR108:300:52

Page 108.2

BMR <860924.121

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Queensland, 1976 :Operational Report,
Clermont-Alpha Area.
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Eastern Galilee Basin seismic survey, Queensland, 1976.
Bureau of Mineral Resources, Australia, Record 79/78.

Pinchin J.

A Seismic investigation of the eastern margin of the
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: Operational Report, Pentland-Hughenden Area.
Bureau of Mineral Resources Australia, Record 1977/27.

Senior B.R., Mond A., Harrison P.L. (1978)

Geology of the Eromanga Basin, Queensland.
Bureau of Mineral Resources, Australia, Bulletin 167.

STORAGE :Australian Archives (BMR file 1981-142)

Magnetic Tapes A4729

Record Boxes A1724

Data Sheet Boxes A5692

Processed Tapes

:BMR Copy Service

Final sections

Operations reports 1977/26,1977/27

PEDIN :Unique Survey Number S4760015

:Date of Entry August 1986

SUR109:300:52

Page 109.1

BMR <861015.094

PROJECT :South-Eastern Georgina Basin, 1977.

SURVEY NUMBER :109

BASIN :Georgina

MAP SHEETS :1:250000

:SF/54-09, SF/54-13, SF/53-16,

:SG/54-01, SG/53-04.

:Glenormiston, Mt.Whelan, Hay River,

:Bedourie, Simpson Desert.

LOCATION :W.Longitude 138.0

:E.Longitude 139.0

:N.Latitude 23.0

:S.Latitude 24.5

TRAVERSES :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 spread

:9 :9736 to 10000 :10.5

:10 :10000 to 10036 :12

: :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, 24/48 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 :Spread 2000-0-2000 metres (split).

:Geophone spacing 41.66, 83.33 metres.

:Geophone pattern 16 in line 6 metres apart.

:CDP fold 6 fold

SUR109:300:52

Page 109.2

BMR <861015.094

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
 :SURVEY 109-1 to 109-20.
 :Cylinders
 :155 to 162

SUR109:300:52

Page 109.3

BMR <861015.094

RESULTS :Drawing Office Numbers

F54/B3-306A, F54/B3-307A (1978/34)

F54/B3-269A, 270, 272 (1977/25)

F54/B3-136-1, 273, 274 (1977/25)

F54/B3-275, 276, 277, 271 (1977/25)

:Publications

Harrison P.L.

Compilation of some geophysical and geological
information on the northwestern part of the Eromanga
Basin, and underlying basins, NT and QLD.
Bureau of Mineral Resources, Australia, Record 76/81.

Mathur S.P., Bauer J.A.

Southeastern Georgina Basin seismic survey, Queensland
and Northern Territory, 1977: Preview Report.
Bureau of Mineral Resources, Australia, Record 77/25.

Harrison P.L., Schmidt D.L.

Seismic and detailed gravity survey in the Toko
syncline, Georgina Basin, 1977. Operational Report.
Bureau of Mineral Resources, Australia, Record 78/34.

Harrison P.L.

Recent Seismic Studies upgrade the petroleum prospects of
the Toko Syncline, Georgina Basin. 1979 Apea Conference
11-14 March 1979.
APEA. Journal 19(1), P30-42 1979.

Harrison P.L.

The Toomba Fault and the western margin of the Toko
Syncline, Georgina Basin, Queensland and Northern Territory.
BMR Journal of Australian Geology & Geophysics 5(3), 201-21
1980.

Tucker D.H., Wyatt B.W., Druce E.C., Mathur S.P., Harrison P.L.

The upper crustal geology of the Georgina Basin region.
BMR Journal of Australian Geology & Geophysics 4(3), 209-22
1979.

STORAGE :Australian Archives (BMR file 1981-142)

Magnetic Tapes A4729

Record Boxes A1724

Data Sheet Boxes A5692

Processed Tapes 77034 to 77052

:BMR Copy Service

Final sections

Operations report 1978/34

PEDIN :Unique Survey Number S0770017

:Date of Entry August 1986

SUR110:300:52

Page 110.1

BMR <860923.162

PROJECT :Gundary Plains, Crustal Shots, NSW, 1978.
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 8Hz.

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.

BMR Journal of Australian Geology & Geophysics 5(4), P305-3
1980.

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

PEDIN :Unique Survey Number not entered
:Date of Entry

SUR111:300:52

Page 111.1

BMR <861014.121

PROJECT :Denison Trough, Qld., 1978, 1979.
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 continous
: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

SUR111:300:52

Page 111.2

BMR <861014.121

:Record Boxes
:111-RB700 to 722 continuous.
:112-RB750 to 771 continuous.
:Data Sheet Boxes
:SURVEY 111-1 to 111-6.
:Cylinders
:165 to 168

RESULTS :Drawing Office Numbers
 G55/B3-157A, 158A, 159A, 160 (1978/52)
 G55/B3-162-1, G55/B3-163. (1979/49)
 G55/B3-161-1A, 162-1 (1980/12)
 :Publications

Bauer J.A.

Denison trough seismic survey, Queensland, 1978: Preview
Report.
Bureau of Mineral Resources, Australia, Record 1978/52.

Bauer J.A., Dixon O.

Denison trough seismic survey, Queensland: Operational
Report 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
its hydrocarbon implications.
APEA. Journal, 20(1), P121-129, 1980.

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,
1981.

SUR111:300:52

Page 111.3

BMR <861014.121

STORAGE :Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes
:BMR Copy Service
Shot Point Location Map
Final sections
Operations reports 1979/49,1980/12

PEDIN :Unique Survey Number S4780024
:Date of Entry August 1986

SUR112:300:52

Page 112.1

BMR <860924.121

PROJECT :Denison Trough, Qld., 1978, 1979.
SURVEY NUMBER :112 (SEE SURVEY 111)
PEDIN :Unique Survey Number S4780024
:Date of Entry August 1986

SUR113:300:52

Page 113.1

BMR <860924.121

PROJECT :McArthur Basin, N.T., 1979.
SURVEY NUMBER :113
BASIN :McArthur
MAP SHEETS :1:250000
 :Bauhinia Downs
LOCATION :W.Longitude
 :E.Longitude
 :N.Latitude
 :S.Latitude

TRAVERSESES :

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
 :BMR Copy Service
 none

PEDIN :Unique Survey Number S8790024
 >Date of Entry August 1986

SUR114:300:52

Page 114.1

BMR <860923.162

PROJECT :Gundry Plains, N.S.W., 1980
SURVEY NUMBER :114
BASIN :
MAP SHEETS :1:250000
:Goulburn
LOCATION :W.Longitude
:E.Longitude
:N.Latitude
:S.Latitude

TRAVERSESES :

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.
BMR Journal of Australian Geology and Geophysics. 5(4)
P 305-309, 1980.

STORAGE :Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes
:BMR Copy Service
none

PEDIN :Unique Survey Number not entered
:Date of Entry

SUR115:300:52

Page 115.1

BMR <860924.121

PROJECT :Central Eromanga Basin, 1980 to 1982, Queensland.
SURVEY NUMBER :115 (includes 116 and 118)
BASIN :Eromanga
MAP SHEETS :1:250000
:SG/54-12, SG/54-11, SG/55-9, SG/54-8
:SG/54-7, SG/54-4, SG/55-5, SG/55-6, SG/55-1
: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 :LINE :STATIONS :LENGTH (km)
:1 :1028 to 3240 :184 (joins 9)
:2 :2660 to 3972 :100 (joins 6)
:3 :3024 to 4808 :150
:4 :4004 to 4196 :12
:5 :5036 to 5976 :80
:6 :6028 to 7732 :142 (joins 2)
:7E :7604 to 7984 :32
:7W :5880 to 6596 :60
:8 :8012 to 8676 :55
:9 :8892 to 9880 :82 (joins 1)
(Line 9 joins Line 14 of Survey 120)
:10 :0060 to 2484 :202
:11 :1102 to 3173 :172
:11A :3183 to 3300 :9
:12 :2196 to 2560 :30
:13 :1312 to 2180 :72
*Line 13 joins line 2 via AAR line.

EQUIPMENT :Amplifiers TI 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

SUR115:300:52

Page 115.2

BMR <860924.121

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 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.
:Cylinders
:196 to 198
:230 to 275

RESULTS

:Drawing Office Numbers
Q/B3-10A, 20A, 11A, 12A (1980/60)
Q/B3-19A, 18A, 13A, 15A (1980/60)
Q/B3-16A, 17A, 14A, (1980/60)
XAUS-7-248 (1980/60)
Q/A/542, 545, 797 (1980/32)
AUS1/1011, 991, 1012, 1010 (1980/32)
26/Q/12, 13, 45, (1980/77)
26/Q/15, 16, 17, 18, 19, (1981/22)
26/Q/20, 21 (1981/22)
26/Q/72 to 26/Q/82 (1983/13)
26/Q/88, 87, 89, 90, 91 (1983/10)
26/Q/92, 93, 94, 95, 96 (1983/10)

SUR115:300:52

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BMR <860924.121

Additional plates (BMR report 278)

Seismic sections 25-Q-80 to 26-Q-85 inclusive.

Interpretations 25-Q-53 to 26-Q-58 inclusive.

Deep sections 25-Q-44 to 26-Q-52 inclusive.

Deep sections 25-Q-66 to 26-Q-67 inclusive.

:Publications

Harrison P.L., Mathur S.P., Moss F.J., Pinchin J., Senior B.R.
Central Eromanga Basin Project, program proposals 1980-1982.
Bureau of Mineral Resources, Australia, Record 80/32.

Pinchin J.

Central Eromanga Seismic Survey, Qld., 1980- Preview Report.
Bureau of Mineral Resources, Australia, Record 80/77.

Senior B.R., Mond A., Harrison P.L.. 1978.

Geology of the Eromanga Basin.

Bureau of Mineral Resources, Australia, Bulletin, 167.

Moss F.J.

Central Eromanga Basin Project progress report,
January-June, 1980.

Bureau of Mineral Resources, Australia, Record 80/60.

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

Sexton M.J., Wake-Dyster K.D., Gardner D., Johnstone D.W.

Central Eromanga Basin seismic reprocessing, 1981
Operational report.

Bureau of Mineral Resources, Australia, Record 83/10.

Sexton M.J., Taylor F.J.

Central Eromanga Basin seismic survey
Queensland, 1981: Operational Report.

Bureau of Mineral Resources, Australia, Record 83/13.

SUR115:300:52

Page 115.4

BMR <860924.121

Sexton M.J., Taylor F.J.

Central Eromanga Basin seismic survey

Queensland, 1982: Operational Report.

Bureau of Mineral Resources, Australia, Record XXXX

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

REPROCESSING :The following old seismic lines
were reprocessed:

Adavale 1961 (Phillips Sunray)

Lines 321, 322, 323

Barcoo 1965 (Marathon)

Lines 19B, 20B, 21B, 22B, 23B, 24B, 25B, 26B, 29B

Bulgroo 1963 (Alliance)

Lines 4, 7, 8, 9, 10, 11, 12, 13, 14

Gumbardo 1962 (Phillips Sunray)

Lines 441/426, 442/445/4291, 430, 444, 446, 449,
457, 458, 460.

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)

Lines 26-27-320-322-323, 326, 308-320-454

Strathconan 1965 (Phillips Sunray)

Lines 572/579

Thylungra 1967(BP)

Line NM1

Trinidad 1964 (Alliance)

Line 1

Welford 1967 (Phillips Sunray)

Lines 645, 646, 647, 648

SUR115:300:52

Page 115.5

BMR <860924.121

STORAGE :Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes 77034 to 77052
:BMR Copy Service
Operations Reports 1981/22,1983/12,1983/10
Shot-Point Location Maps.
Reprocessed sections.
Final sections.

PEDIN :Unique Survey Number S4800037
:Date of Entry August 1986

SUR116:300:52

Page 116.1

BMR <860924.121

PROJECT :Central Eromanga Basin, 1981, SEE SURVEY 115.

SURVEY NUMBER :116

PEDIN :Unique Survey Number S4800037

:Date of Entry August 1986

SUR117:300:52

Page 117.1

BMR <860923.163

PROJECT :New Guinea Airborne Seismic, 1970.
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

TRAVERSESES :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 Sonabuys.
: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
G85/3-132-2A (1970/70)
PNG/B3-2, 3 (1970/70)
PNG/B2-26-3, 21-2A, 19-1 (1970/70)
PNG/B2-17-1A, 13-1A, 24-2A (1970/70)
PNG/B2-16-1A, 20-1, 32-1 (1970/70)
A55/B2-18-1A, B55/B3-2A (1970/70)
:Publications
Jones P., Harrison P.
Northern New Guinea Basin Airborne
Seismic Survey, Preview Report, 1970.
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

SUR118:300:52

Page 118.1

BMR <860924.121

PROJECT :Central Eromanga Basin, 1982, SEE SURVEY 115.

SURVEY NUMBER :118

PEDIN :Unique Survey Number S483007

:Date of Entry August 1986

SUR119:300:52

Page 119.1

BMR <860923.163

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

TRAVERSESES 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

SUR119:300:52

Page 119.2

BMR <860923.163

RESULTS :Drawing Office Numbers
:Publications

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
1(4), P291-296 1976.

Dooley J.C.

A review of crustal structure in northeastern Australia.
Henderson R.A. & Stephenson P.J.(Eds) - The geology and
geophysics of northeastern Australia.
Geological Society of Australia. Queensland Division
P27-45 1977.

Dooley J.C.

Implications of the Australian seismic and gravity measurements
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

SUR120:300:52

Page 120.1

BMR <861015.094

PROJECT :South East Queensland, 1984.
SURVEY NUMBER :120
BASIN :Eromanga, Surat, Clarence-Moreton.
MAP SHEETS :1:250000
:SG/55-9, SG/55-10, SG/55-11, SG/55-12,
:SG/55-16, SG/56-13, SG/56-14, SG/56-15.
:Quilpie, Charleville, Mitchell, Roma, Surat,
:Dalby, 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 8Hz.
FORMAT :1600BPI, PE, SEG-B
PARAMETERS :Sampling rate 2 mS.
:Filters out-124Hz
:Charge size 8 to 12 Kg.
:Shot Hole Depth 40 metres.

GEOMETRY :Spread 1-48 continuous.
:Geophone spacing 83.33 metres.
41.66 m (16A)
:Geophone pattern 16 in line 5 m apart.
:CDP fold 6

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
:120-900 to 120-914
:Data boxes
:120-1 to 120-7
:Cylinders
:xxx to xxx

SUR120:300:52

Page 120.2

BMR <861015.094

RESULTS

:Drawing Office Numbers

:26/Q/40, 55, 161, 162, 166, 167 (1985/42)

:26/Q/168, 169, 177, 178, 179, 180 (1985/42)

:Publications

Wake-Dyster, K.D., Sexton, M.J., Johnstone, D.W., 1985.

Lithospheric transect study of Southeastern Queensland.

Exploration Geophysics, V16, Nos 2/3, p312-317

Johnstone, D.W., Sexton, M.J. and Wake-dyster, K.D., 1985.

A geophysical transect across the Clarence-Morton Basin.

Exploration Geophysics, V16, Nos 2/3, p241-244.

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

Southeast Queensland Seismic Survey, 1984, Operational Report.

Bureau of Mineral Resources, Australia, Record 1985/42.

STORAGE

:Australian Archives (BMR file 1981-142)

Data sheets

A5692 93 boxes July 1985

Records

A1724 62 boxes July 1985

Field Tapes

Processed Tapes

:BMR Copy Service

Operations report 1985/42

Shot-Point Location Maps.

Final sections.

PEDIN

:Unique Survey Number S4840014

:Date of Entry August 1986

SUR121:300:52

Page 121.1

BMR <870121.142

PROJECT :Central Australia, N.T., 1985.
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 148.0
:E.Longitude 152.0
:N.Latitude 26.0
:S.Latitude 28.0

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 1-48 continuous
: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-RB915 to 929 continuous.
:Data Sheet Boxes
:SURVEY 121-* to 121-**.
:Cylinders
:*** to ***

SUR121:300:52

Page 121.2

BMR <870121.142

RESULTS

:Drawing Office Numbers

NT/B3-1A, 2, 3A, 4, 5, 6, 7 (1974/69)
NT/B3-8A, 9A, 10, 11A, 12 (1974/69)
NT/B2-7-1 (1974/69)
F52/B3-70A, F52/B3-39 (1974/69)
26/NT/2, 14, 15, 16, 17, 18, 23 (1986/35)
11/NT/7, 20, 28, 68 (1986/35)
26/F3-14/2 (1986/35)
26/G53-5/1, 6/1, 2/1, 1/1 (1983/30)
26/G53-13/1, 14/1, 9/1 (1983/30)
26/G52-8/1, 4/1, 3/1, 16/1 (1983/30)
26/G52-15/1, 12/1, (1983/30)
26/NT/3, 4, 5 (1983/30)

:Publications

Johnstone D.W., Goleby B.R., Price N.A.

Shotpoint and petroleum exploration well location maps
produced to assist in the BMR research programme in
Central Australia, 1983.

Bureau of Mineral Resources, Australia, Record 83/30.

Mathur S.P.

A proposal for a deep seismic sounding and associated
gravity survey in Central Australia.

Bureau of Mineral Resources, Australia, Record 74/69.

Goleby B.R., Wake-Dyster K.D., Wright C., Cherry E.H.

Central Australia Seismic Survey NT, 1985:

Operational Report.

Bureau of Mineral Resources, Australia, Record 86/35.

Goleby B.R., Shaw R.D., Wright C. & Kennett B.L.N.

Thick-skinned tectonics in central Australia: Deep seismic
results from a multidisciplinary study.

BMR Research Newsletter No. 7, 8-9, October 1987.

Wright C., Goleby B.R., Collins C.D.N., Kennett B.L.N.,

Sugiharto S. & Greenhalgh S.

The Central Australian seismic experiment, 1985:
preliminary results.

Geophys. J. R. Astr. Soc., 89, 431-436, 1987.

Goleby B.R., Wright C. & Kennett B.L.N.

Preliminary deep reflection studies in the Arunta Block,
Central Australia.

Geophys. J. R. Astr. Soc., 89, 437-442, 1987.

Wright C., Goleby B.R., Collins C.D.N., Kennett B.L.N.,

Sugiharto S. & Greenhalgh S.

Some preliminary results from regional seismic profiling
in Central Australia.

Exploration Geophysics, 18, 227-231, 1987.

Goleby B.R., Wright C., Collins C.D.N., Kennett B.L.N.
Seismic reflection and refraction profiling across the
Arunta Block and the Ngalia and Amadeus Basins.
Aust. Journal of Earth Sci., 35, 275-294, 1988.

Wright C., Barton T. & Goleby B.R.
Lateral variations in seismic velocities in the central
Australian region from both conventional and experimental
seismic reflection profiling.
Exploration Geophysics, 19, 214-218, 1988.

Goleby B.R., Kennett B.L.N. & Wright C.
Alternative stacking techniques for deep crustal seismic data.
Exploration Geophysics, 19, 78-82, 1988.

Rutland R.W.R., Goleby B.R., Shaw R.D. & Wright C.
Tectonic significance of Proterozoic thrusting in Australia:
evidence from deep seismic reflection profiling, in Gee, D.,
(editor).
Tornebohm Memorial Volume, special issue of Geologiska
Foreningens i Stockholm Fordhandlingar, 110, 410-416, 1988.

Goleby B.R., Shaw R.D., Wright C., Kennett B.L.N. & Lambeck K.
Geophysical evidence for 'thick-skinned' crustal deformation
in Central Australia.
Nature, 337, 325-330, 1989.

Goleby B.R.
The crustal structure of the Arunta Block, Central Australia:
results from deep seismic profiling, Ph.D. thesis, Australian
National University, Canberra, 213 pp., 1989.

Wright C., Goleby B.R., Shaw R.D., Collins C.D.N.,
Korsch R.J., Barton T., Greenhalgh S.A. & Sugiharto S.
Seismic reflection and refraction profiling in central
Australia: implications for understanding the evolution of
the Amadeus Basin, in Korsch, R.J. (editor), Geological
and Geophysical Investigations of the Amadeus Basin.
Bureau of Mineral Resources, Australia, Bulletin, in press, 1989.

Wright C., Barton T., Goleby B.R. & Taylor F.J.
Seismic velocities in the Missionary Plain Trough: an aid
to stratigraphic studies, in Korsch, R.J. (editor), Geological
and Geophysical Investigations of the Amadeus Basin.
Bureau of Mineral Resources, Australia, Bulletin, in press, 1989.

Goleby B.R., Kennett B.L.N., Wright C., Shaw R.D. & Lambeck K.
Results from deep seismic reflection profiling in the
Precambrian Arunta Block of central Australia.
Tectonophysics, in press, 1989.

Wright C., Barton T., Goleby B.R., Spence A.G. & Pfister D.
The interpretation of expanding spread reflection profiles:
examples from central and eastern Australia.
Tectonophysics, in press, 1989.

SUR121:300:52

Page 121.4

BMR <870121.142

Wright C., Goleby B.R., Collins C.D.N., Korsch R.J., Barton T.
Greenhalgh, S.A. & Sugiharto, S.

Deep seismic profiling in central Australia.
Tectonophysics, in press, 1989.

Wright C.

Variations in P wave velocities in shallow bedrock within
part of the Arunta Block, Northern Territory.
Exploration Geophysics, in press, 1989.

Korsch R.J., Shaw R.D., Wright C., Goleby B.R. &
Collins C.D.N.

Constraints on the tectonic evolution of the Amadeus
Basin, central Australia, from deep seismic profiling:
implications for hydrocarbon exploration, in B.Pinnet (editor),
The Potential of Deep Seismic Profiling for Hydrocarbon
Exploration, Conference Proceedings, Arles, France,
June 19-23, 1989, Editions Technip.

Cao S., Kennett B.L.N. & Goleby B.R.

Modelling reflections from the deep crust in three dimensions:
application to reflection profiling in central Australia,
Tectonophysics, in press.

Wright C., Barton T., Goleby B.R. & Taylor F.J.

Seismic velocity variations in the Missionary Plain Trough,
central Australia, from an expanding spread reflection profile,
submitted to Exploration Geophysics, 1989.

Shaw R.D., Korsch R.J., Wright C. & Goleby B.R.

Interpretation of the Amadeus Basin regional seismic line,
and its significance for the tectonics of the basin,
submitted to Korsch, R.J. (editor), Geological and
Geophysical Investigations of the Amadeus Basin.
Bureau of Mineral Resources, Australia, Bulletin, xxxx 1989.

STORAGE :Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes 85087 to 85114
:BMR Copy Service
Shot Point Location Map
Final sections

PEDIN :Unique Survey Number S8850007
:Date of Entry August 1986

SUR122:300:52

Page 122.1

BMR <861015.115

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

TRAVERSES :LINE :STATIONS :LENGTH (km)

:1 :1000 to 1443 :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.

(gap exists on initial shots)

: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

:122-930, 122-934, 122-935

:Cylinders

:*** to ***

RESULTS :Drawing Office Numbers

26/G56/13/2, 13/4, 13/6 (1987/16)

26/G56/13/7, 13/8, 13/9 (1987/16)

26/G56/13/10, 13/11 (1987/16)

:Publications

Johnstone D., Sexton M.J., Taylor F.J.

Sercel SN368 equipment test, Millmerran, Queensland 1986.

Operational Report.

Bureau of Mineral Resources, Australia. Record 1987/16

SUR122:300:52

Page 122.2

BMR <861015.115

STORAGE :Australian Archives (BMR file 1981-142)

Magnetic Tapes A4729

Record Boxes A1724

Data Sheet Boxes A5692

Processed Tapes

86037 1600BPI copy of 86077

86038 shot gather

86039 stack

:BMR Copy Service

Shot Point Location Map

Final sections

PEDIN :Unique Survey Number S4860001

:Date of Entry August 1986

SUR123:300:52

Page 123.1

BMR <861015.115

PROJECT :Southeast Queensland 1986.
SURVEY NUMBER :123
BASIN :Surat and Clarence Moreton
MAP SHEETS :1:250000
:SG/56-15, SG/56-13, SG/55-11, SG/55-15
:Brisbane, Dalby, Mitchell, Homeboin
LOCATION :W.Longitude 148.0
:E.Longitude 152.0
:N.Latitude 26.0
:S.Latitude 28.0

TRAVERSES :LINE :STATIONS :LENGTH (km)
: 1 :1000 to 1067 : 4
:15 :1000 to 1067 : 4
:15 :1000 to 1361 :22
:17 : 986 to 1959 :60
:18 : 940 to 2088 :66
:19 :1000 to 1404 :24

EQUIPMENT :Amplifiers SERCEL SN368 96 channel.
:Geophones GSC20D 8Hz.
FORMAT :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, no gap.
:Geophone spacing 60 metres.
:Geophone pattern 16 in line 4 metres apart.
:CDP fold Varied up to 16 fold.

DATA :Field Tape Numbers
:Line 1 86-010
:Line 2 86-009
:Line 15 86-011 to 86-013
:Line 17 86-014 to 86-020
:Line 18 86-025 to 86-035
:Line 19 86-021 to 86-024
:Record Boxes
:123-RB931 to 123-RB933
:123-RB936, 123-RB937
:Cylinders
:*** to ***

SUR123:300:52

Page 123.2

BMR <861015.115

RESULTS :Drawing Office Numbers

xxxxxxxxxxxx

:Publications

Wake-Dyster K.D., Barton T.J.

xxxxxxx

Operational Report.

Bureau of Mineral Resources, Australia. Record xxxxxxxx

STORAGE :Australian Archives (BMR file 1981-142)

Magnetic Tapes A4729

Data Sheet Boxes A5692

Processed Tapes

86036 GSI seg-y copy of 86034

:BMR Copy Service

Shot Point Location Map

Final sections

PEDIN :Unique Survey Number S4860004

:Date of Entry February 1990

SUR124:300:52

Page 124.1

BMR <861015.115

PROJECT :Variable Intensity Plotter sections, pre-1963.

SURVEY NUMBER :124

BASIN :

MAP SHEETS :1:250000

:

:Data Sheet Boxes

:SURVEY 124-1

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

SUR125:300:52

Page 125.1

BMR <861015.115

PROJECT :Tumut Trough Seismic Survey 1987.
SURVEY NUMBER :125
BASIN :Tumut Trough
MAP SHEETS :1:250000
 :SI/55-15
 :Wagga Wagga
LOCATION :W.Longitude 148.0
 :E.Longitude 148.5
 :N.Latitude 35.0
 :S.Latitude 35.25

TRAVERSES :LINE :STATIONS :LENGTH (km)
 :1 :1218 to 1998 :45

EQUIPMENT :Amplifiers SERCEL SN368 96 channel.
 :Geophones GSC20D 8Hz.
FORMAT :6250BPI GCR, SEG-D
PARAMETERS :Sampling rate 2 mS.
 :Filters 8-178 Hz.
 :Charge size 8 Kg or 12 Kg
 :Shot Hole Depth Nominal 30 m, avge 18 m.

GEOMETRY :Spread 72 to 96 channels, no gap.
 :Geophone spacing 60 metres.
 :Geophone pattern 16 in line 4 metres apart.
 :CDP fold Nominal 6 fold.

DATA :Field Tape Numbers
 :Line 1 87-001 to 87-007
 :Record Boxes
 :125-RB938 to RB941 continuous.
 :Cylinders
 :*** to ***

RESULTS :Drawing Office Numbers
 26-I55-15-1 (1987/62)
 26-I55-15-3 (1987/62)
 :Publications
Leven J.H., Rickard M.
Tumut Trough Seismic Survey, NSW, 1987:
Operational Report.
Bureau of Mineral Resources, Australia, Record 1987/62.

STORAGE :Australian Archives (BMR file 1981-142)
 Magnetic Tapes A4729
 Record Boxes A1724
 Data Sheet Boxes A5692
 Processed Tapes 87/001 to 87/021
 :BMR Copy Service
 Shot Point Location Map
 Final section

PEDIN :Unique Survey Number S2870006
 >Date of Entry February 1990

SUR126:300:52

Page 126.1

BMR <861015.115

PROJECT :Canning Basin Seismic Survey 1988.
SURVEY NUMBER :126
BASIN :Canning
MAP SHEETS :1:250000
:SE/51-11, SE/51-7, SE/51-8, SE/51-14, SE/51-10
:Mt.Anderson, Derby, Lennard R., Munro, Lagrange
LOCATION :W.Longitude 122.0
:E.Longitude 125.0
:N.Latitude 17.0
:S.Latitude 20.0

TRAVERSES :LINE :STATIONS :LENGTH (km)
:1 :1120 to 9402 :414
:2 :1082 to 1942 :43
:3 :1000 to 4766 :188

EQUIPMENT :Amplifiers SERCEL SN368 96 channel.
:Geophones GSC20D 8Hz.
FORMAT :1600BPI, PE, SEG-D
PARAMETERS :Sampling rate 2 mS.
:Filters 8-178 Hz.
:Charge size 8 Kg or 12 Kg
:Shot Hole Depth 40 m

GEOMETRY :Spread 1-96 continuous.
:Geophone spacing 50 metres.
:Geophone pattern 16 in line 3 metres apart.
:CDP fold 12 fold.

DATA :Field Tape Numbers
:Line 1 88-005 to 88-290
:Line 1 88-328 to 88-409
:Line 2 88-291 to 88-327
:Line 3 88-410 to 88-571
:Record Boxes
:125-RB942 to RBxxx continuous.
:Cylinders
:*** to ***

RESULTS :Drawing Office Numbers
:XXXXXXXXXXXX
:XXXXXXXXXXXX
:*****
:Publications
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Bureau of Mineral Resources, Australia. Record xxxxxxxx

SUR126:300:52

Page 126.2

BMR <861015.115

STORAGE :Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes ***** to *****
:BMR Copy Service
Shot Point Location Map
Final sections

PEDIN :Unique Survey Number S6880052
:Date of Entry February 1990

SUR127:300:52

Page 127.1

BMR <861015.115

PROJECT :Gunnedah and Cobar test Survey 1989.

SURVEY NUMBER :127

BASIN :Gunnedah

MAP SHEETS :1:250000

:SH/55-12, SH/56-9, SH/55-14

:Narrabri, Manilla, Cobar

LOCATION :W.Longitude 145.5

:E.Longitude 151.5

:N.Latitude 30.5

:S.Latitude 31.25

TRAVERSES :LINE :STATIONS :LENGTH (km)

:1 :1000 to 1096 :5.7

:2 :2000 to 2095 :5.7

:3 :3000 to 3095 :5.7

:4 :4000 to 4095 :5.7

:5 :5000 to 5095 :5.7

:6 :5935 to 6030 :5.7

:7 :7000 to 7095 :5.7

:8 : 100 to 290 :1.9

EQUIPMENT :Amplifiers SERCEL SN368 96 channel.

:Geophones GSC20D 8Hz.

FORMAT :6250BPI GCR, SEG-D

PARAMETERS :Sampling rate 2 mS.

:Filters 8-178 Hz.

:Charge size 8 Kg or 12 Kg

:Shot Hole Depth Nominal 40 m

GEOMETRY :Spread 1-96 continuous.

:Geophone spacing 60 metres.

:Geophone pattern 16 in line 4 metres apart.

:CDP fold Nominal 6 fold.

DATA :Field Tape Numbers

:All Lines 89-001 to 89-012

:Record Boxes

:127-RBxxx to RBxxx continuous.

:Cylinders

:*** to ***

RESULTS :Drawing Office Numbers

XXXXXXXXXXXX

XXXXXXXXXXXX

:Publications

Wake-Dyster K., Johnstone D.

Gunnedah Basin and Cobar test survey, 1989.

Operational Report.

Bureau of Mineral Resources, Australia. Record xxxx/xx

SUR127:300:52

Page 127.1

BMR <861015.115

STORAGE :Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes ***** to *****
:BMR Copy Service
Shot Point Location Map
Final sections

PEDIN :Unique Survey Number S2890002
:Date of Entry February 1990

SUR128:300:52

Page 128.1

BMR <861015.115

PROJECT :Bendigo 1989
SURVEY NUMBER :128
BASIN :Bendigo Trough
MAP SHEETS :1:250000
 :SJ/55-1
 :Bendigo
LOCATION :W.Longitude 144.5
 :E.Longitude 145.0
 :N.Latitude 36.5
 :S.Latitude 37.0

TRAVERSES :LINE :STATIONS :LENGTH (km)
 :89-09 :xxxx to xxxxx :6.1
 :89-10 :2000 to 2136 :8.2

EQUIPMENT :Amplifiers SERCEL SN368 96 channel.
 :Geophones GSC20D 8Hz.
FORMAT :6250BPI GCR, SEG-D
PARAMETERS :Sampling rate 2 mS.
 :Filters 8-178 Hz.
 :Charge size 8 Kg or 12 Kg
 :Shot Hole Depth Nominal 40 m

GEOMETRY :Spread 1-96 continuous.
 :Geophone spacing 60 metres.
 :Geophone pattern 16 in line 4 metres apart.
 :CDP fold Nominal 12 fold.

DATA :Field Tape Numbers
 :Line 89-09, (uphole) 89-013
 :Line 89-09, 89-014 to 89-015
 :Line 89-10, 89-016
 :Record Boxes
 :128-RBxxx to RBxxx continuous.
 :Cylinders
 :*** to ***

RESULTS :Drawing Office Numbers
 26/J55-1/1 to 26/J55-1/8
 :Publications
Barton T., et al.
Bendigo Seismic Survey 1989: Operational Report.
Bureau of Mineral Resources, Australia. Record 1989/52

STORAGE :Australian Archives (BMR file 1981-142)
 Magnetic Tapes A4729
 Record Boxes A1724
 Data Sheet Boxes A5692
 Processed Tapes ***** to *****
 :BMR Copy Service
 Shot Point Location Map
 Final section

PEDIN :Unique Survey Number S3890009
 >Date of Entry February 1990

SUR129:300:52

Page 129.1

BMR <861015.115

PROJECT :Bowen Basin Seismic Survey 1989.

SURVEY NUMBER :129

BASIN :Bowen

MAP SHEETS :1:250000

:SF/55-12, SF/55-16

:St.Lawrence, Duringa

LOCATION :W.Longitude 148.5

:E.Longitude 150.0

:N.Latitude 23.0

:S.Latitude 24.0

TRAVERSES :LINE :STATIONS :LENGTH (km)

:1 : 719 to 3348 :160

:2 :2000 to 2921 :55.0

:3 :3209 to 3705 :30

EQUIPMENT :Amplifiers SERCEL SN368 96 channel.

:Geophones GSC20D 8Hz.

FORMAT :6250BPI GCR, SEG-D

PARAMETERS :Sampling rate 2 mS.

:Filters 8-178 Hz.

:Charge size 8 Kg or 12 Kg

:Shot Hole Depth 40 m

GEOMETRY :Spread 1-96 continuous.

:Geophone spacing 60 metres.

:Geophone pattern 16 in line 4 metres apart.

:CDP fold Nominal 6 fold.

DATA :Field Tape Numbers

:Line 1 89-026 to 89-048

:Line 2 89-019 to 89-025

:Line 3 89-049 to 89-053

:Record Boxes

:128-RBxxx to RBxxx continuous.

:Cylinders

:*** to ***

RESULTS :Drawing Office Numbers

xxxxxxxxxxxxx

xxxxxxxxxxxxx

:Publications

Wake-Dyster K., Johnstone D.

Bowen Basin Seismic Survey, Queensland 1989:

Operational Report.

Bureau of Mineral Resources, Australia, Record xxxx/xx

SUR129:300:52

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BMR <861015.115

STORAGE :Australian Archives (BMR file 1981-142)
Magnetic Tapes A4729
Record Boxes A1724
Data Sheet Boxes A5692
Processed Tapes ***** to *****
:BMR Copy Service
Shot Point Location Map
Final sections

PEDIN :Unique Survey Number S4890015
:Date of Entry February 1990

SUR130:300:52

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BMR <861015.115

PROJECT :Cobar Seismic Survey 1989.

SURVEY NUMBER :130

BASIN :Cobar Trough

MAP SHEETS :1:250000

:SH/55-14, SH/55-2, SH/55-13

:Cobar, Nymagee, Barnato

LOCATION :W.Longitude 145.25

:E.Longitude 146.25

:N.Latitude 31.25

:S.Latitude 32.25

TRAVERSES :LINE :STATIONS :LENGTH (km)

:1 : 995 to 1527 :32

:2 : 980 to 1975 :60

:3A :1000 to 1318 :19

:3B :1319 to 1707 :23

:3C :1708 to 2540 :50

EQUIPMENT :Amplifiers SERCEL SN368 96 channel.

:Geophones GSC20D 8Hz.

FORMAT :6250BPI GCR, SEG-D

PARAMETERS :Sampling rate 2 mS.

:Filters 8-178 Hz.

:Charge size 8 Kg or 12 Kg

:Shot Hole Depth 40 m

GEOMETRY :Spread 1-96 continuous.

:Geophone spacing 60 metres.

:Geophone pattern 16 in line 4 metres apart.

:CDP fold Nominal 8 fold.

DATA :Field Tape Numbers

:Line 1 89-079 to 89-083

:Line 2 89-054 to 89-061

:Line 2 89-062 to 89-068 (high resolution)

:Line 3A 89-069 to 89-073

:Line 3B 89-074 to 89-078

:Line 3C 89-084 to 89-092

:Record Boxes

:130-RBxxx to RBxxx continuous.

:Cylinders

:*** to ***

RESULTS :Drawing Office Numbers

xxxxxxxxxxxx

xxxxxxxxxxxx

SUR130:300:52

Page 130.2

BMR <861015.115

:Publications

Wake-Dyster K., Johnstone D.

Cobar Seismic Survey, NSW 1989:

Operational Report.

Bureau of Mineral Resources, Australia, Record xxxx/xx

STORAGE :Australian Archives (BMR file 1981-142)

Magnetic Tapes A4729

Record Boxes A1724

Data Sheet Boxes A5692

Processed Tapes ***** to *****

:BMR Copy Service

Shot Point Location Map

Final section

PEDIN :Unique Survey Number S2890003

:Date of Entry February 1990