Deep Crustal Seismic Reflection Profiling: Australia 2012-

B.L.N. Kennett, E. Saygin
Research School of Earth Sciences, The Australian National University

T. Fomin, R. Blewett
Geoscience Australia
Introduction

This collection represents an extension of the atlas of reflection profiles presented by Kennett et al. (2013).

The same format for the plates of the reflection profiles with up to 200km per page is used. The profiles are also grouped using the same geographic divisions.

Geographic Groups for Full-crustal Reflection Profiles

Reference

WESTERN AUSTRALIA - SOUTH
INDEX OF PROFILES: WESTERN AUSTRALIA

On the display panels the reflection lines are identified by year, project identifier and line designator. The table below presents the full list of the lines and the codes used in Geoscience Australia reports, together with the nature of the display and the bias and clip parameters used to display the sections using the `pssegy` facility.

<table>
<thead>
<tr>
<th>Year</th>
<th>Project</th>
<th>GA Line Code</th>
<th>Line Designator</th>
<th>Display:</th>
<th>Bias</th>
<th>Clip</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>L201</td>
<td>12GA-AF1</td>
<td>AF1</td>
<td>Migrated</td>
<td>1.47</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12GA-AF2</td>
<td>AF2</td>
<td>Stack</td>
<td>1.40</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12GA-AF3</td>
<td>AF3</td>
<td>Stack</td>
<td>1.40</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12GA-T1</td>
<td>T1</td>
<td>Stack</td>
<td>1.40</td>
<td>85</td>
<td></td>
</tr>
</tbody>
</table>
2012  L201  Western Australia  Albany Fraser

Geoscience Australia

Migrated Section
Source: 3 Hemi-50 vibrator, 80 m interval
Spread: 300 Channels, 40 m group interval
Fold: 75 nominal

Survey Details: GA-L201

Approx. Depth [km]

Two-way time [s]
Migrated Section

Source: 3 Hemi-50 vibrators, 80 m interval
Spread: 300 Channels, 40 m group interval
Fold: 75 nominal

Survey Details: GA-L201

2012 L201

Western Australia

Albany Fraser

GSWA

Geoscience Australia
Migrated Section

Source: 3 Hemi-50 vibrator, 80 m interval
Spread: 300 Channels, 40 m group interval
Fold: 75 nominal

Survey Details: GA-L201
Migrated Section

Source: 3 Hemi-50 vibrator, 80 m interval
Spread: 300 Channels, 40 m group interval
Fold: 75 nominal

Survey Details: GA-L201
2012 L201
AF3 - Panel 2
W ESTERN A USTRALIA
Albany Fraser

GSWA
Geoscience Australia

Migrated Section
Source: 3 Hemi-50 vibrator, 80 m interval
Spread: 300 Channels, 40 m group interval
Fold: 75 nominal

Survey Details: GA-L201
Survey Details:

Source: 3 Hemi-50 vibrator, 80 m interval
Spread: 300 Channels, 40 m group interval
Fold: 75 nominal

Survey Details: GA-L201