Beach Survey Records

Transects and imagery

(W16b) Tractor Beach

Sample Type
- Asphaltite, 2014
- Asphaltite, 2015
- Asphaltite, 2016
- Oil, 2015
- Resinite/Ash, 2014
- Resinite/Ash, 2015
- Resinite/Ash, 2016
- Sooty Bitumen, 2014
- Sooty Bitumen, 2015
- Sooty Bitumen, 2016
- Greasy Bitumen, 2016
- Waxy Bitumen, 2014
- Waxy Bitumen, 2015
- Waxy Bitumen, 2016

- 2016 Survey
- 2015 Survey
- 2014 Survey
- Debris Transects
Photographs

Beach: Tractor Beach

To Sea | To Shore | Along | Back

2014

2015

2016
**Beach Summary Data**

- **Sample types include asphaltite, tarball and resinite**

**Beach Character Chart**

**Asphaltite Frequency Chart**

No asphaltite found on this beach.

**Tarball Frequency Chart**

No tarballs found on this beach.

**Sample Loadings per 100m Chart**

- No tarballs found on this beach.
Debris Loadings Chart

Tractor Beach

<table>
<thead>
<tr>
<th>Major Debris Categories</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plastic Soft</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plastic Hard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plastic Rope</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wood</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Shore Slope (deg)

Loading pieces/100m

- 0
- 1
- 10
- 100
- 1000
- 10000
# Beach details

**Beach Name:** Tyringa Beach  
**Beach ID:** W18  
**Priority:** 1  
**Access point location (DD):**  
Latitude: -33.1469910603999  
Longitude: 134.417584548  
**Maximum Beach survey length (km):** 0.58

# General description and information

<table>
<thead>
<tr>
<th>Beach exposure or shape:</th>
<th>Concave (cove)/Straight/Convex (headland)</th>
<th>Aspect:</th>
<th>Likely beach gradient:</th>
<th>Backshore type</th>
<th>Likely substrate:</th>
<th>General description:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beach Width:</td>
<td>~30m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Tyringa Beach (1083) is named after the backing farm. It is a 1 km sand beach, with the surf zone a mixture of exposed and deeper reefs, some extending 500 m off the beach.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beach classification</td>
<td>Wave dominated reflective beach</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General information:</td>
<td>A scenic section of coast accessible via the bluff-top tracks.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Permits and access:</td>
<td>I spoke with Louise (0886261108) who is the coastal marine officer from Cape Bauer to Sheringa Beach. She says we can drive in through Tyringa road. There may be gates because it goes through private property, but it is a publically accessible road so we just have to leave gates as we found them. There will be plenty of parking and visible tracks. It is a deep beach so we should not drive onto it. We can also drive in through Baird Bay, but it is more difficult to get to the beach from this direction. Very steep path down vegetated dunes onto the beach. Necessary to utilize hiking poles and descend slowly - Easy access at opposite end of beach.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Imagery

OSRA Map

Oil Spill Response Atlas (OSRA) map layers provided courtesy of the Australian Maritime Safety Authority (AMSA)
Beach Summary Data

Sample types include asphaltite, tarball and resinite.

### Beach Character Chart

**Asphaltite Frequency Chart**

**Tarball Frequency Chart**

No tarballs found on this beach
Debris Loadings Chart

Tyringa Beach

Loadings pieces/100m

Major Debris Categories: Glass, Plastic Soft, Plastic Hard, Plastic Rope, Wood

Shore Slope (deg)

- 2014
- 2015
- 2016
### Beach details

<table>
<thead>
<tr>
<th>Beach Name:</th>
<th>Elliston</th>
<th>Beach ID:</th>
<th>W20</th>
<th>Priority:</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access point location (DD):</td>
<td>Latitude: -33.6464875146999 Longitude: 134.8879564</td>
<td>Maximum Beach survey length (km):</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### General description and information

<table>
<thead>
<tr>
<th>Beach exposure or shape:</th>
<th>Concave (cove)/Straight/Convex (headland)</th>
<th>Aspect:</th>
<th>Likely beach gradient:</th>
<th>Shallow/Medium/Steep</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beach Width:</td>
<td>~30m</td>
<td>Likely substrate:</td>
<td>Fine sand</td>
<td>Backshore type</td>
</tr>
</tbody>
</table>

General description: Inside the bay, it is relatively calm and shallow, full of sea grass beds and reef, with sandy beaches lining most of the bay.

Beach classification: Wave dominated reflective beach

General information:

Permits and access: Publically accessible via paved roads. Access the western half of the beach via a small footpath to the right of the jetty.
Oil Spill Response Atlas (OSRA) map layers provided courtesy of the Australian Maritime Safety Authority (AMSA)
Beach Survey Records

Transects and imagery

Sample Type
- Asphaltite, 2014
- Asphaltite, 2015
- Asphaltite, 2016
- Oil, 2015
- Resinite/Aber, 2014
- Resinite/Aber, 2015
- Resinite/Aber, 2016
- Sooty Bitumen, 2014
- Sooty Bitumen, 2015
- Sooty Bitumen, 2016
- Greasy Bitumen, 2016
- Waxy Bitumen, 2014
- Waxy Bitumen, 2015
- Waxy Bitumen, 2016

2016 Survey
2015 Survey
2014 Survey
Debris Transects

Photographs

(W20) Elliston
Beach: Elliston

<table>
<thead>
<tr>
<th>Year</th>
<th>To Sea</th>
<th>To Shore</th>
<th>Along</th>
<th>Back</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
<tr>
<td>2015</td>
<td><img src="image5.png" alt="Image" /></td>
<td><img src="image6.png" alt="Image" /></td>
<td><img src="image7.png" alt="Image" /></td>
<td><img src="image8.png" alt="Image" /></td>
</tr>
<tr>
<td>2016</td>
<td><img src="image9.png" alt="Image" /></td>
<td><img src="image10.png" alt="Image" /></td>
<td><img src="image11.png" alt="Image" /></td>
<td><img src="image12.png" alt="Image" /></td>
</tr>
</tbody>
</table>
Beach Summary Data

[sample types include asphaltite, tarball and resinite]

**Beach Character Chart**

Elliston

**Sample Loadings per 100m Chart**

Elliston

**Asphaltite Frequency Chart**

Elliston

**Tarball Frequency Chart**

Elliston
Debris Loadings Chart

Elliston

Shore Slope (deg)

Loadings pieces/100m

Major Debris Categories

Glass  Plastic Soft  Plastic Hard  Plastic Rope  Wood

2014  2015  2016

10000 1000 100 10 1 0

0 2 4 6 8 10 12 14 16 18 20
### Beach details

<table>
<thead>
<tr>
<th>Beach Name</th>
<th>Sheringah Beach</th>
<th>Beach ID:</th>
<th>W21</th>
<th>Priority:</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access point location (DD):</td>
<td>Latitude: -33.8961537586 Longitude: 135.192372167</td>
<td>Maximum Beach survey length (km):</td>
<td>1.65</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### General description and information

<table>
<thead>
<tr>
<th>Beach exposure or shape:</th>
<th>Concave (cove)/Straight/Convex (headland)</th>
<th>Aspect:</th>
<th>N NE E SE S SW W NW</th>
<th>Likely beach gradient:</th>
<th>Shallow/Medium/Steep</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beach Width:</td>
<td>~60m</td>
<td>Likely substrate:</td>
<td>Fine sand</td>
<td>Backshore type</td>
<td>Vegetated bluffs, dunes</td>
</tr>
</tbody>
</table>

| General description:     | Sheringah beach (1016) commences at the northern end of the bluffs and sweeps in a slightly curving manner for 3.9 km to the northern calcarenite bluffs, which extends 1 km west of the beach. |
| Beach classification     | Tide modified, reflective and low tide terrace beach |
| General information:     | A foredune backs the beach, then 1 to 2 km of active white sand dunes. |
| Permits and access:      | I spoke with Louise (0886261108) who is the coastal marine officer from Cape Bauer to Sheringa Beach. She says this beach is very easy to access with a car park located steps away from the beach. The main access, car park and beach boat launching are all located at the very northern end of the beach, which is also backed by a high tide boulder beach. (2015) – Zack spoke with different person because Louise wasn’t in. He said we won’t have trouble accessing. He said to give Louise a call closer to date. |

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Imagery

Oil Spill Response Atlas (OSRA) map layers provided courtesy of the Australian Maritime Safety Authority (AMSA)
Beach Survey Records

**Transects and imagery**

Sample Type
- Asphaltite, 2014
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- Resinite/Amber, 2016
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- Sooty Bitumen, 2015
- Sooty Bitumen, 2016
- Greasy Bitumen, 2016
- Waxy Bitumen, 2014
- Waxy Bitumen, 2015
- Waxy Bitumen, 2016

2016 Survey
- 2015 Survey
- 2014 Survey
- Debris Transects
Beach: Sheringah Beach

Note: 2014 start point was 250m before 2015/16 transects
Beach Summary Data

Sample types include asphaltite, tarball, and resinite.

Beach Character Chart

Sheringham Beach

Asphaltite Frequency Chart

Sheringham Beach

Sample Loadings per 100m Chart

Sheringham Beach

Tarball Frequency Chart

Sheringham Beach
Debris Loadings Chart

Sheringah Beach

Shore Slope (deg)

Loadings pieces/100m

Major Debris Categories

Glass  Plastic Soft  Plastic Hard  Plastic Rope  Wood

0  1  10  100  1000

2014  2015  2016

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### Beach details

<table>
<thead>
<tr>
<th>Beach Name:</th>
<th>Mount Drummond Beach (AKA Convention Beach)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beach ID:</td>
<td>W22</td>
</tr>
<tr>
<td>Priority:</td>
<td>1</td>
</tr>
<tr>
<td>Access point location (DD):</td>
<td>Latitude: -34.2403796416 Longitude: 135.334066157</td>
</tr>
<tr>
<td>Maximum Beach survey length (km):</td>
<td>1.95</td>
</tr>
</tbody>
</table>

### General description and information

<table>
<thead>
<tr>
<th>Beach exposure or shape:</th>
<th>Concave (cove)/ <strong>Straight</strong>/Convex (headland)</th>
<th>Aspect:</th>
<th>Likely beach gradient:</th>
<th>Likely substrate:</th>
<th>Backshore type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beach Width:</td>
<td>~65m</td>
<td></td>
<td></td>
<td>Fine sand</td>
<td>Vegetated bluffs, dunes</td>
</tr>
<tr>
<td>General description:</td>
<td>The main Convention Beach (976) is a straight, west facing 2.2 km sand beach, backed by active dunes extending up to 1 km inland, and fronted by a rip dominated 300 wide surf zone, usually containing 10 strong beach rips.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beach classification</td>
<td>Assumed Wave dominated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General information:</td>
<td>It is bordered at either end by small calcarenite bluffs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Permits and access:</td>
<td>Long drive on very rough dirt roads (far from the highway). Call Andrew Freeman 0429673123 (referred to by Louise) or Call Parks SA Port Lincoln (08) 8688 3111 if we have any problems. There are no camping facilities; however, small clearings for camping are located within the vegetated dunes. (2015) – Zack spoke with Andrew Freeman who said we won’t have any problems with access. There are two gates that we may need to open. Take left after 2nd gate, at fork take a right, follow to southern end of beach.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Imagery

OSRA Map

Oil Spill Response Atlas (OSRA) map layers provided courtesy of the Australian Maritime Safety Authority (AMSA)
Beach Survey Records

Transects and imagery