

# Beach: Mount Drummond Beach

*To Sea*

*To Shore*

*Along*

*Back*

2014



2015



**Note:** 2015 start point is 210 m after the start of 2014 transect, and finishes 650m shorter than 2014

2016

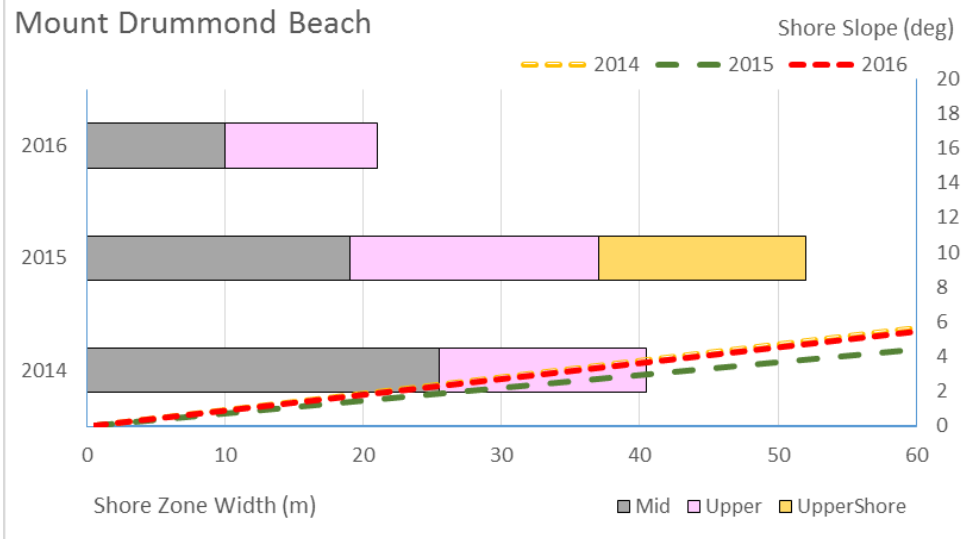


**Note:** 2016 start point is 980m after the start of 2014, and finishes 400m shorter than 2014 due to inaccessibility

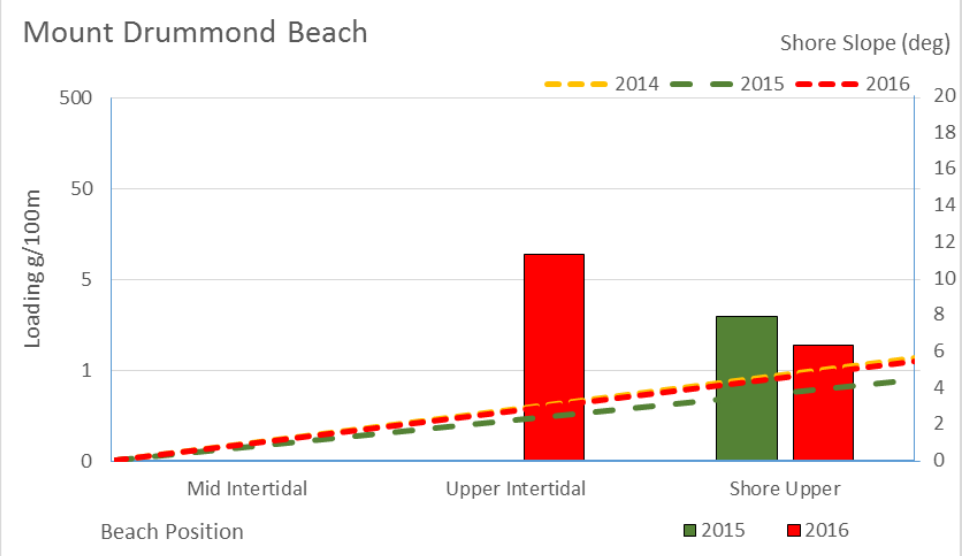
## Beach Summary Data

[sample types include asphaltite, tarball and resinite]

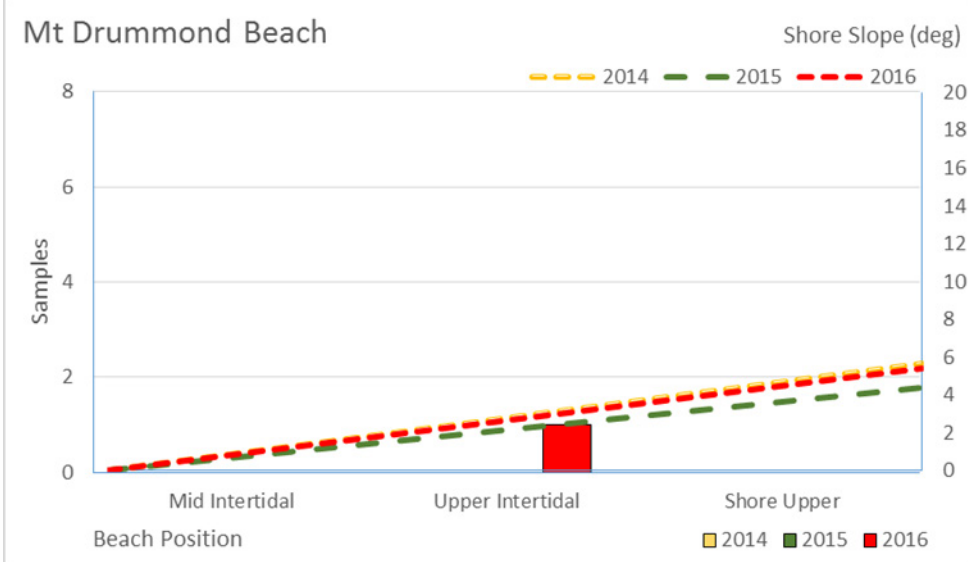
### Beach Character Chart



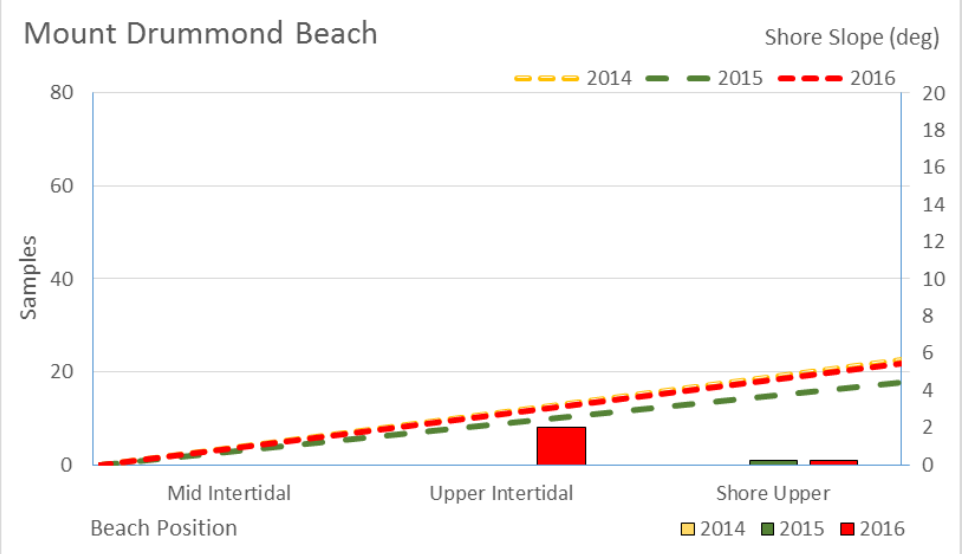
### Sample Loadings per 100m Chart



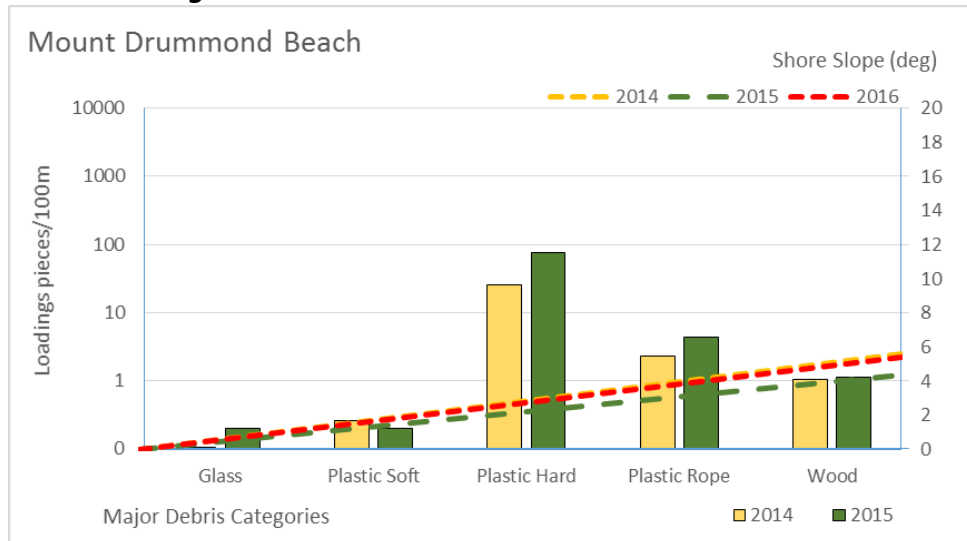
### Asphaltite Frequency Chart



### Tarball Frequency Chart



## Debris Loadings Chart



## Beach details

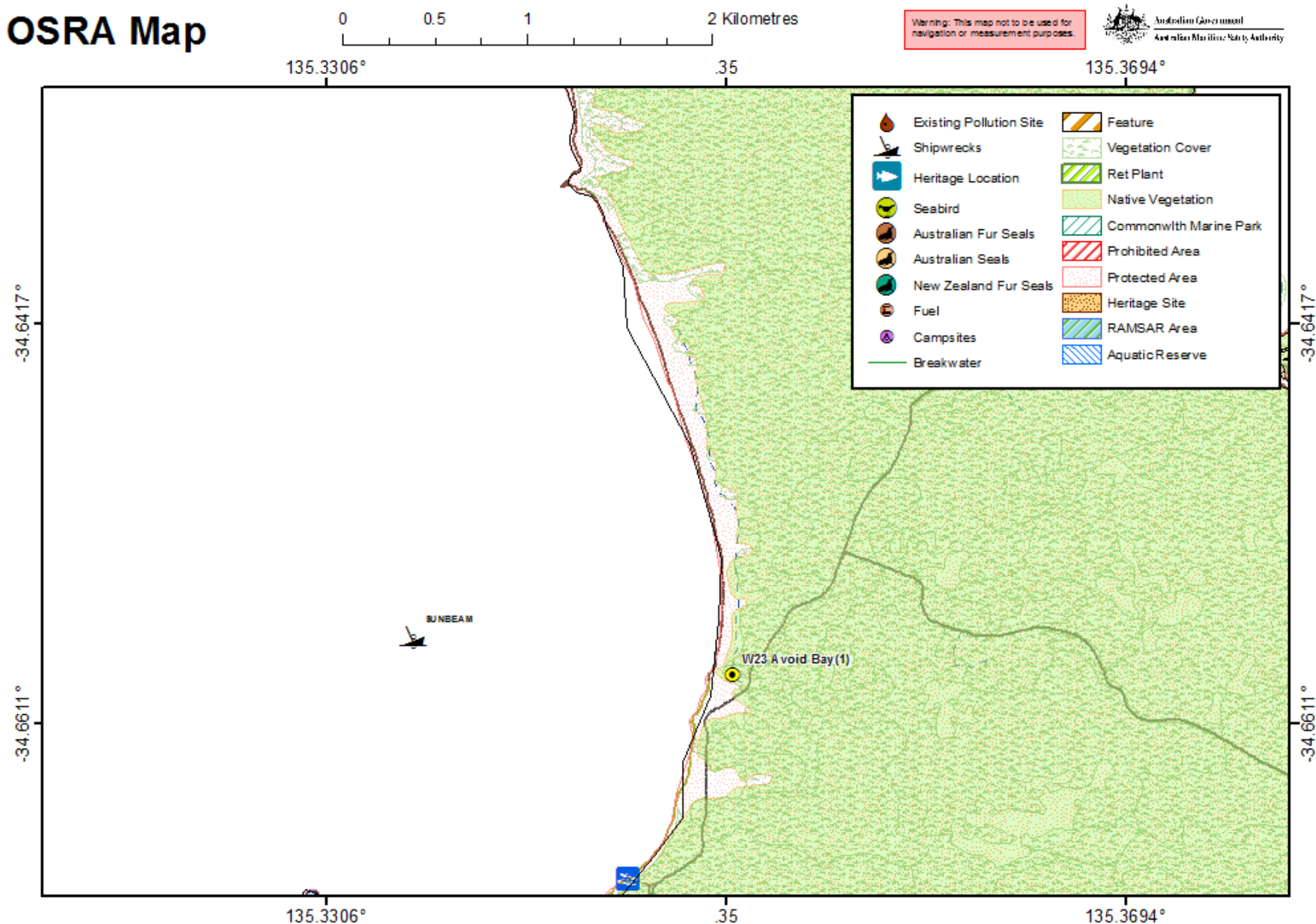
Beach Name:	<b>Avoid Bay</b>	Beach ID:	<b>W23</b>	Priority:	1
Access point location (DD):	Latitude: -34.6587174399999 Longitude: 135.350294080999	Maximum Beach survey length (km):	1.17		

## General description and information

Beach exposure or shape:	<b><u>Concave (cove)/Straight/</u></b> Convex (headland)	Aspect:	N NE E SE S SW <b><u>W NW</u></b>	Likely beach gradient:	<b><u>Shallow</u></b> /Medium/Steep
Beach Width:	~40m	Likely substrate:	Fine sand	Backshore type	Vegetated dunes
General description:	The main Avoid Bay beaches consist of an eastern 2.7 km long beach (845), which faces essentially west, with waves increasing up the beach from over 1 m to 1.5 m in the north, resulting in about 10 beach rips dominating the central to northern section of beach.				
Beach classification	Wave dominated double transverse bar and rip				
General information:	It terminates at some protruding calcarenite bluffs and reefs, which also contain 200 m long beach 846. Both beaches are backed by extensive, though vegetated, parabolic dunes.				
Permits and access:	<p>Long drive from coffin bay, but not a lot of turns – just a long winding road. Call Andrew Freeman 0429673123 (referred to by Louise) or Call Parks SA Coffin Bay (08) 8688 3111 if we have any problems.</p> <p>A ranger at the national park entrance informed us that we need to apply for a permit beforehand in order to take samples from this beach or any other beach located within a national park. See document titled “Updated Sampling Permit”</p> <p>(2015) – Zack called and left a message w/ Coffin Bay Park to inform them of project. Zack spoke with Andrew who said we won’t have trouble with access.</p>				

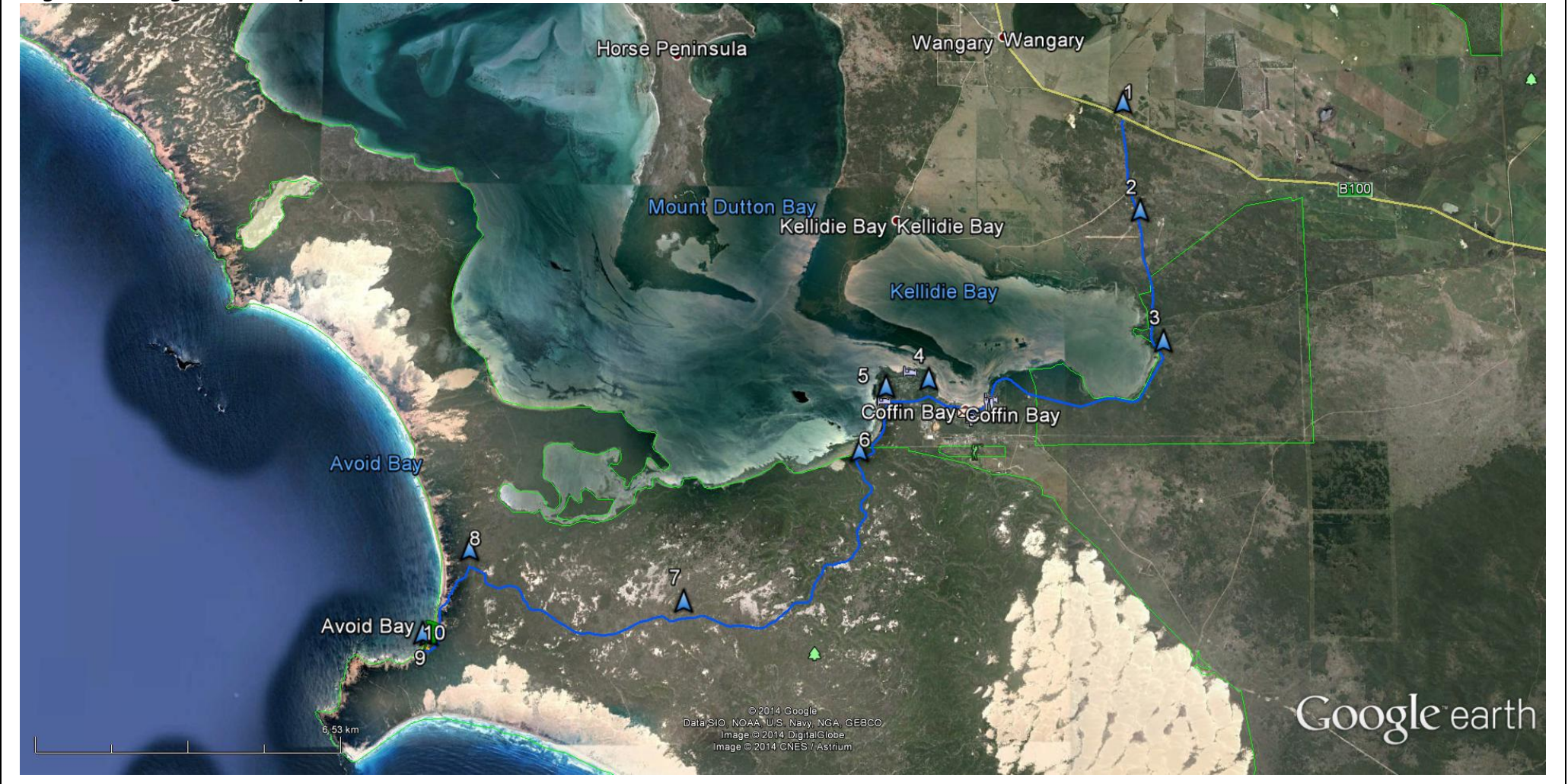


# OSRA Map



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

Large scale Google Earth map





## Beach Survey Records

### *Transects and imagery*





# Beach: Avoid Bay

*To Sea*

*To Shore*

*Along*

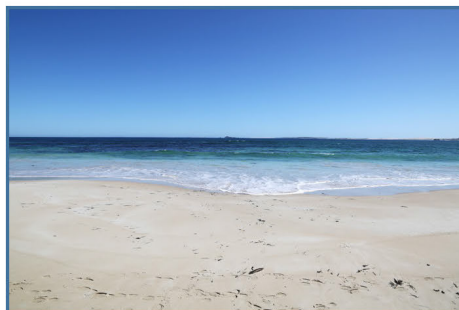
*Back*

2014



**Note:** 2014 transect travels in the reverse direction.

2015



2016

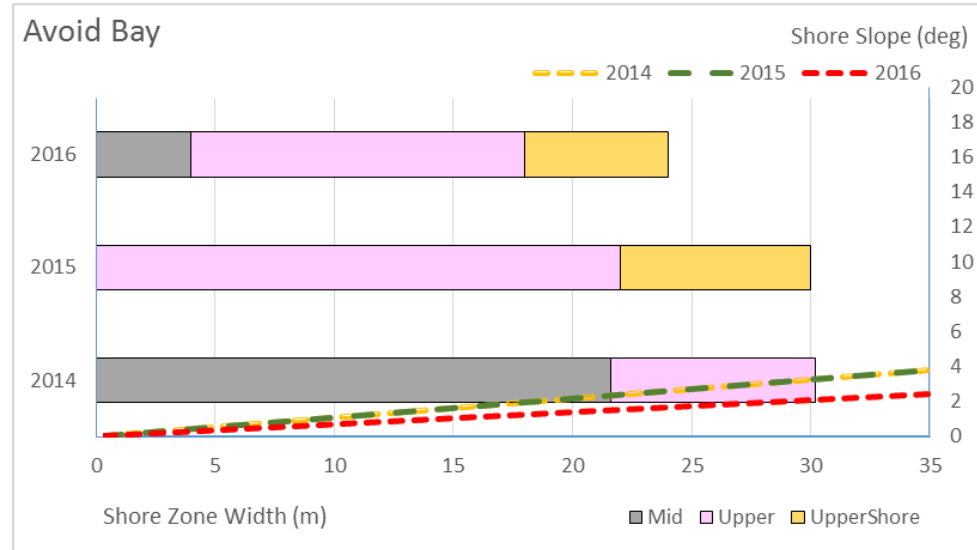




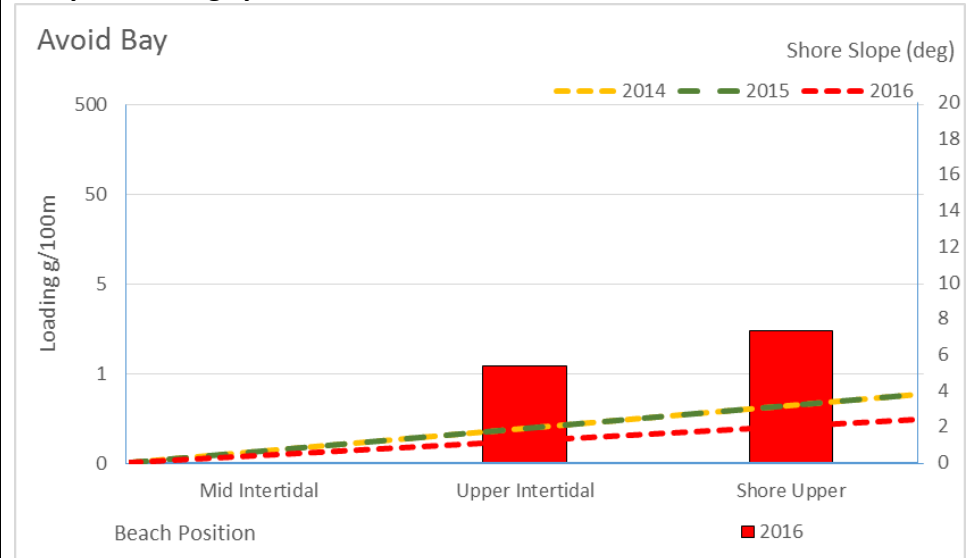
## Beach Summary Data

[sample types include asphaltite, tarball and resinite]

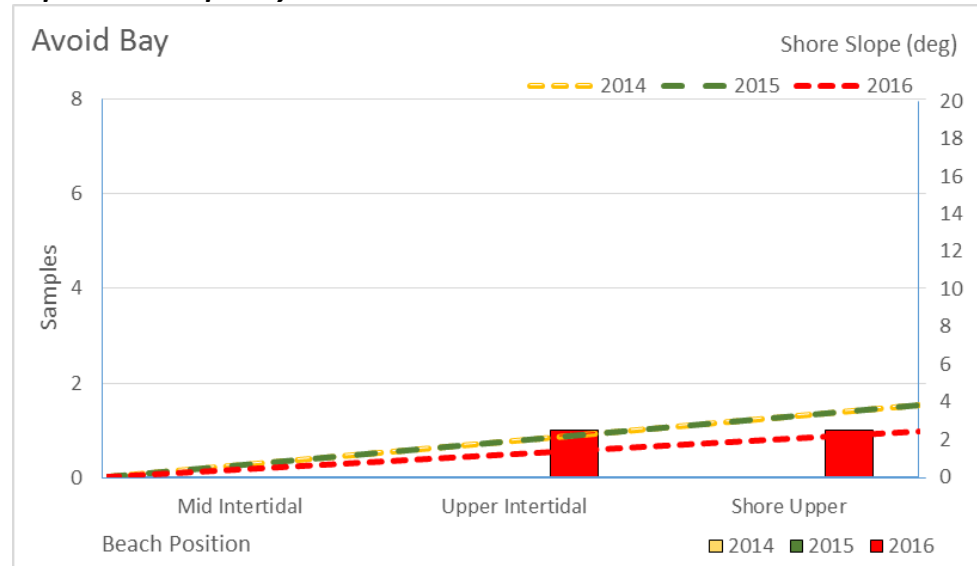
### Beach Character Chart



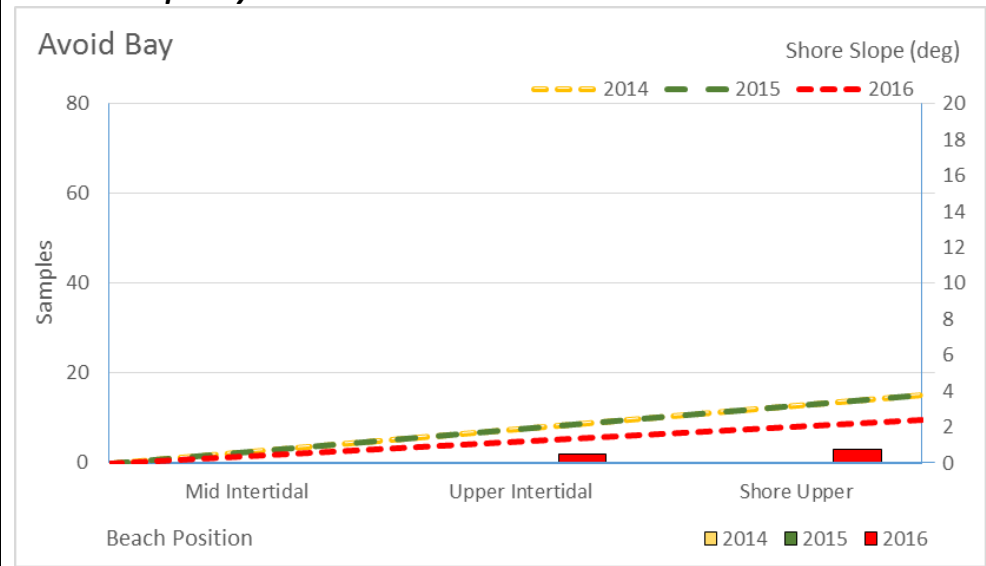
### Sample Loadings per 100m Chart



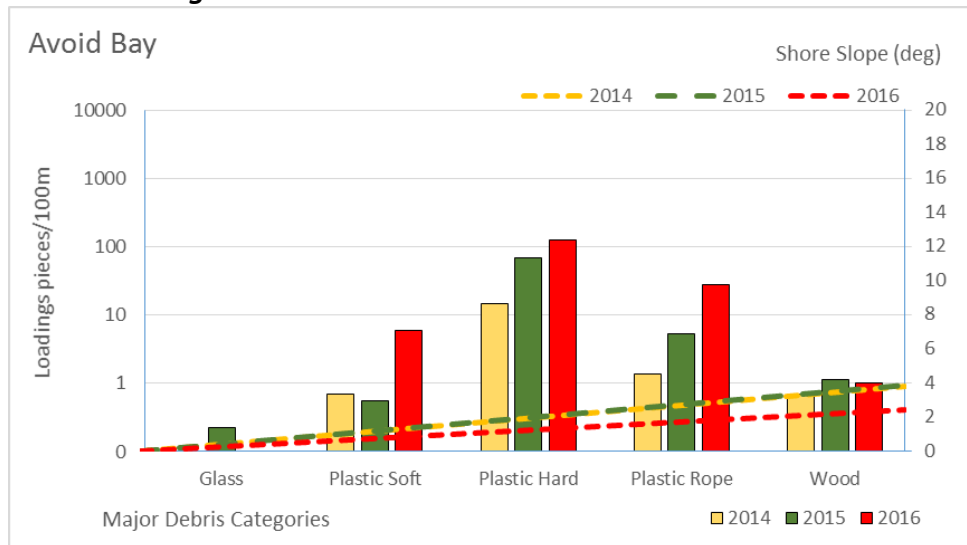
### Asphaltite Frequency Chart



### Tarball Frequency Chart



## Debris Loadings Chart



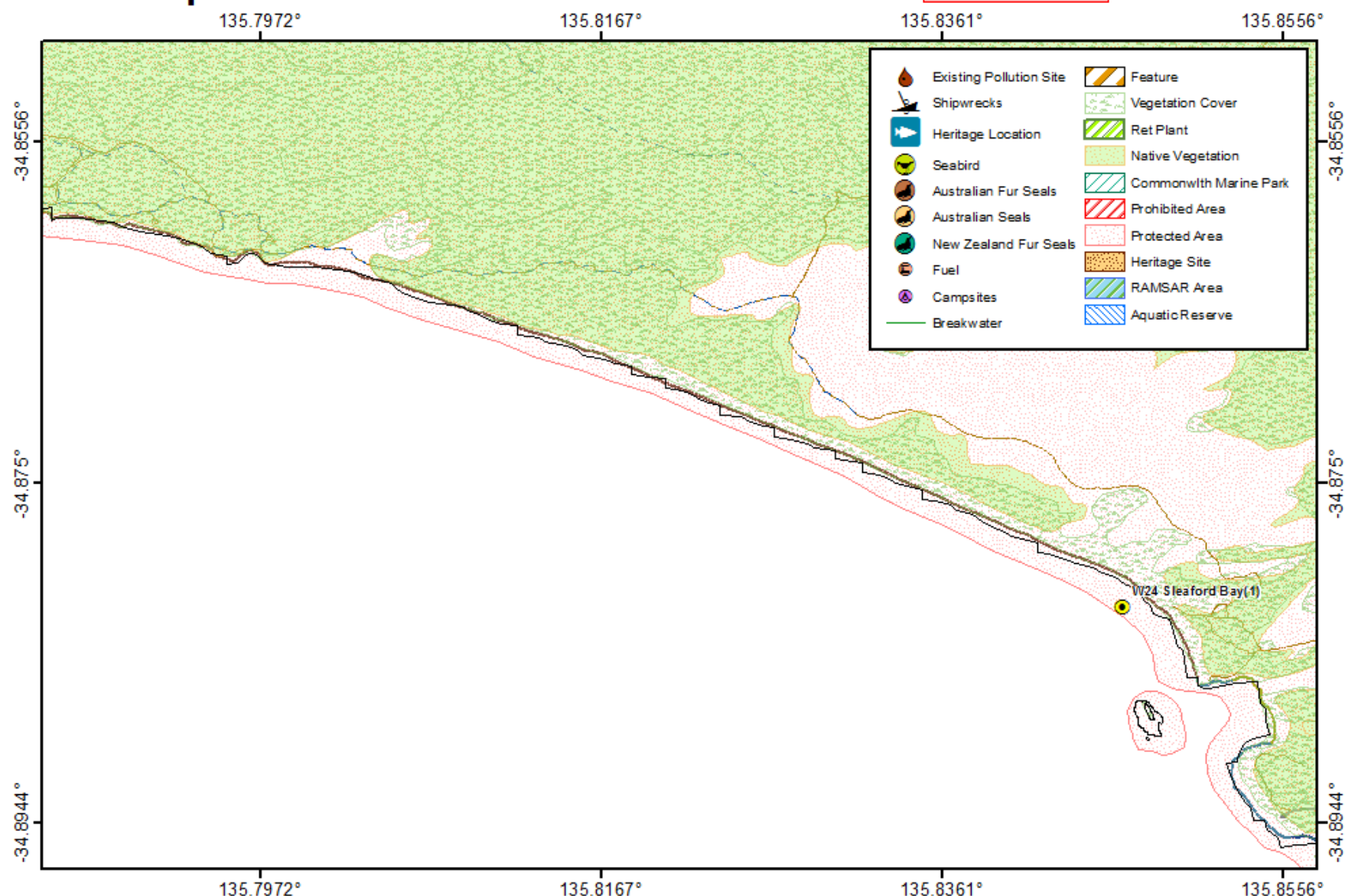


Beach details					
Beach Name:	Sleaford Bay		Beach ID:	W24	Priority: 1
Access point location (DD):	Latitude: -34.8820441320999 Longitude: 135.846445012999		Maximum Beach survey length (km):	0.95	
General description and information					
Beach exposure or shape:	<u>Concave (cove)/Straight/</u> Convex (headland)	Aspect:	N NE E SE S <u>SW</u> W NW	Likely beach gradient:	<u>Shallow</u> /Medium/Steep
Beach Width:	~45m	Likely substrate:	Fine sand	Backshore type	Vegetated dunes, dunes
General description:	Sleaford Bay contains one of the more exposed high energy beaches of the southern Australian coast, backed by massive Pleistocene dune systems extending up to 9 km inland and to height of 150 m, overlain by Holocene dunes extending up to 3 km inland.				
Beach classification	Wave dominated reflective beach				
General information:	LOTS of small sized plastic debris. Could not complete planned survey as logging debris took too long.				
Permits and access:	<p>It was only possible to drive in to the car park located behind the dunes because the dune blowout tracks were too soft to travel on. It is a 1km hike from the car park behind the dunes to the beach. Call Andrew Freeman 0429673123 (referred to by Louise) or Call Parks SA Coffin Bay (08) 8688 3111 if we have any problems.</p> <p>This beach is located within a national park so it may be necessary to fill out a sampling permit. See document titled “Updated Sampling Permit”.</p> <p>(2015) – Zack called and left a message w/ Coffin Bay Park to inform them of project. Zack spoke with Andrew who said we won’t have trouble with access.</p>				

# OSRA Map

0 0.5 1 2 Kilometres

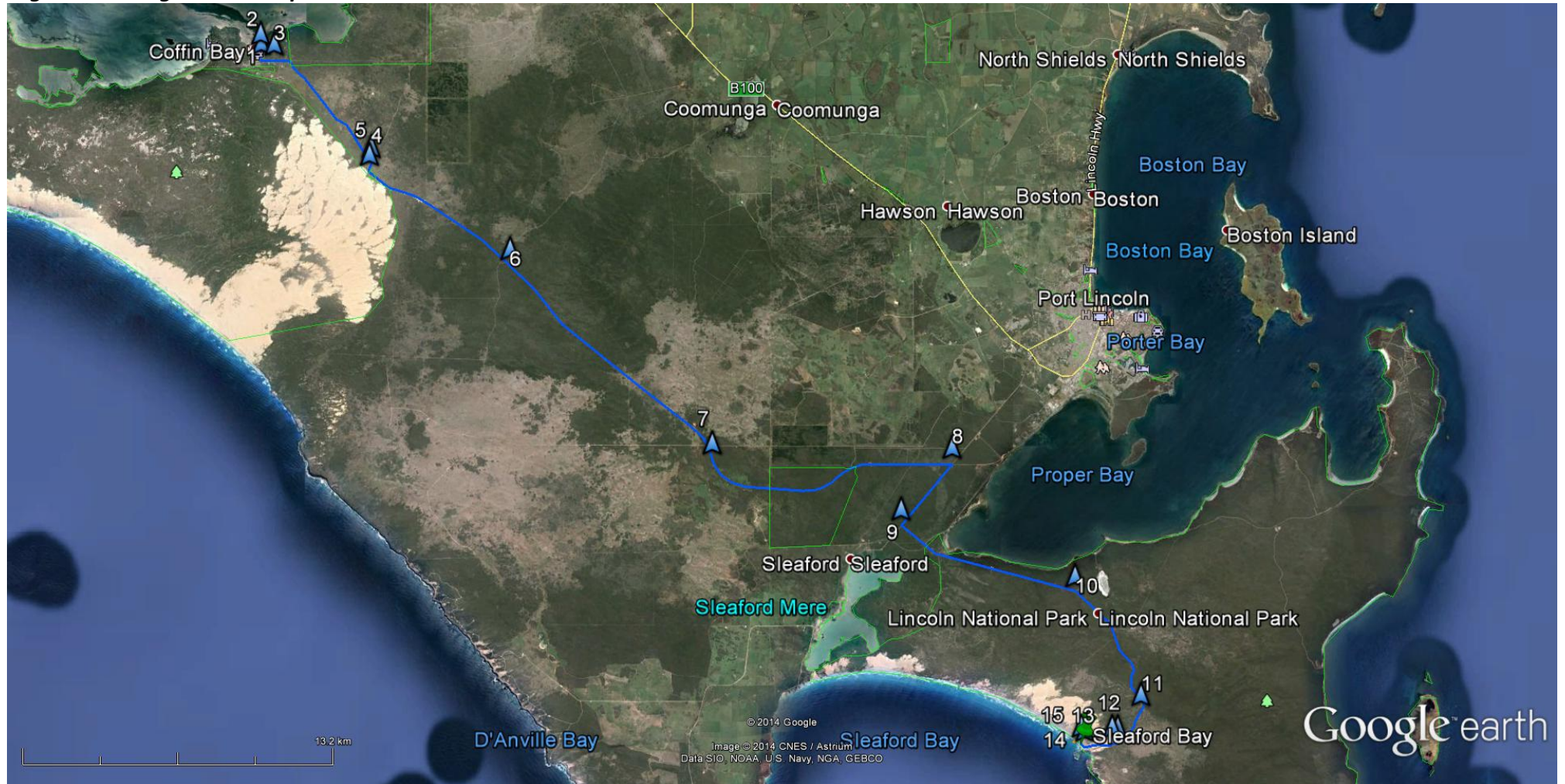
Warning: This map not to be used for navigation or measurement purposes.



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



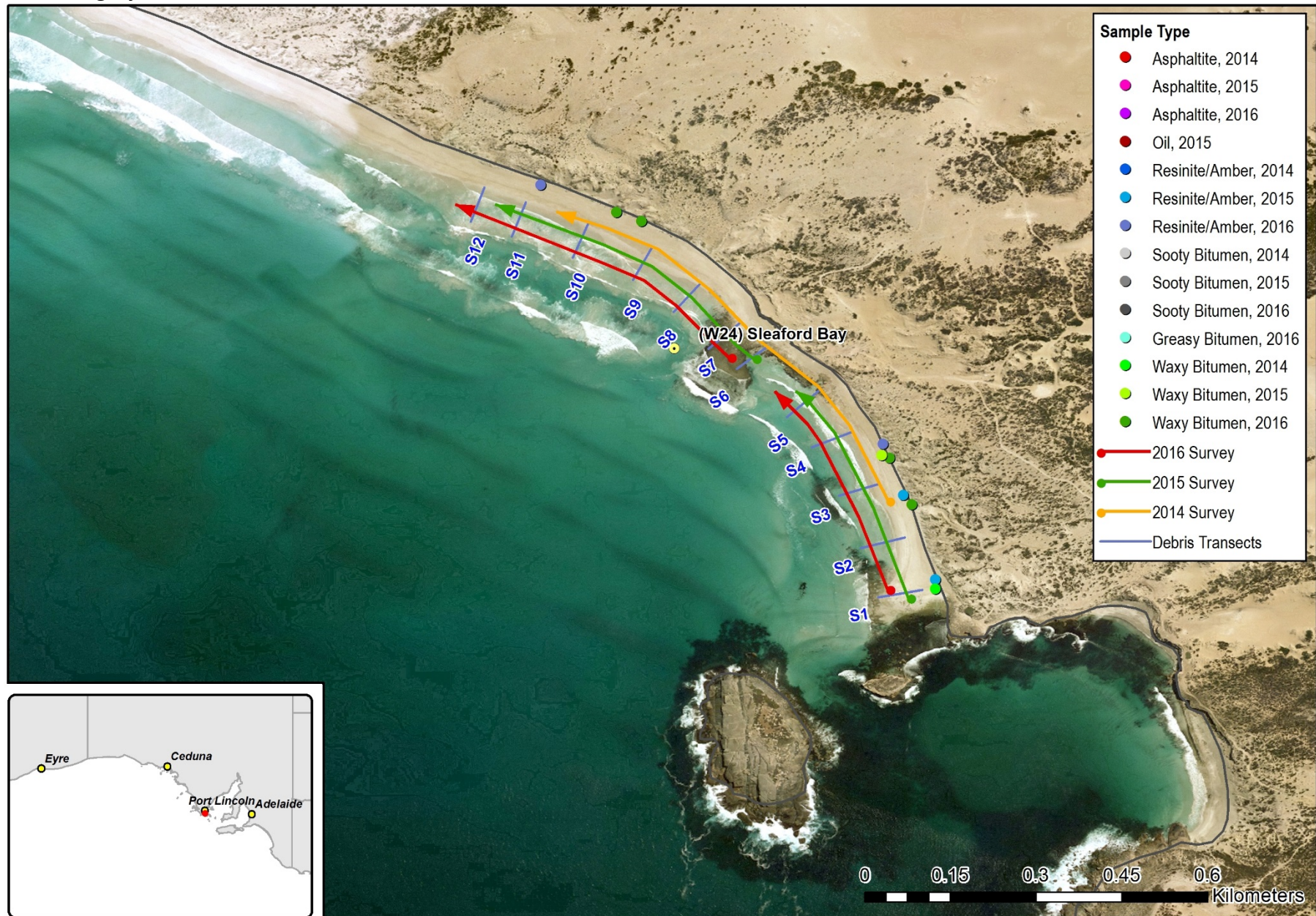
Large scale Google Earth map





# Beach Survey Records

## Transects and imagery





# Beach: Sleaford Bay

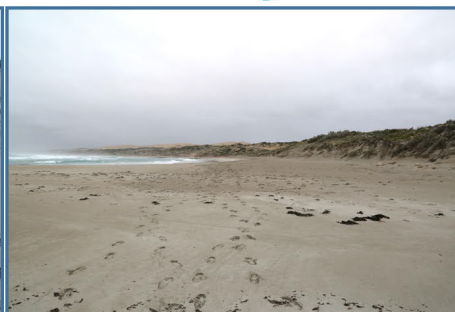
*To Sea*

*To Shore*

*Along*

*Back*

2014



Note: 2014 start point is 150m after the start of 2015/16 transects

2015



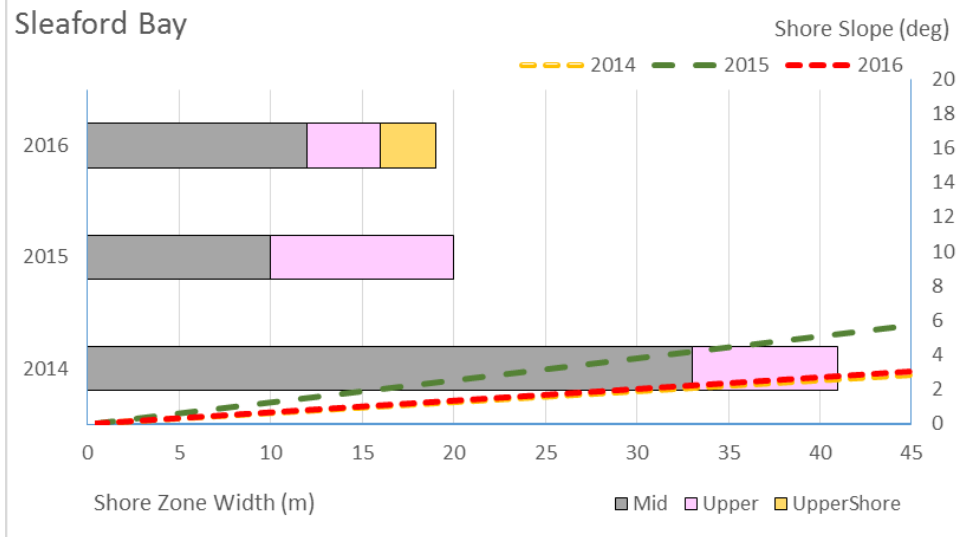
2016



## Beach Summary Data

[sample types include asphaltite, tarball and resinite]

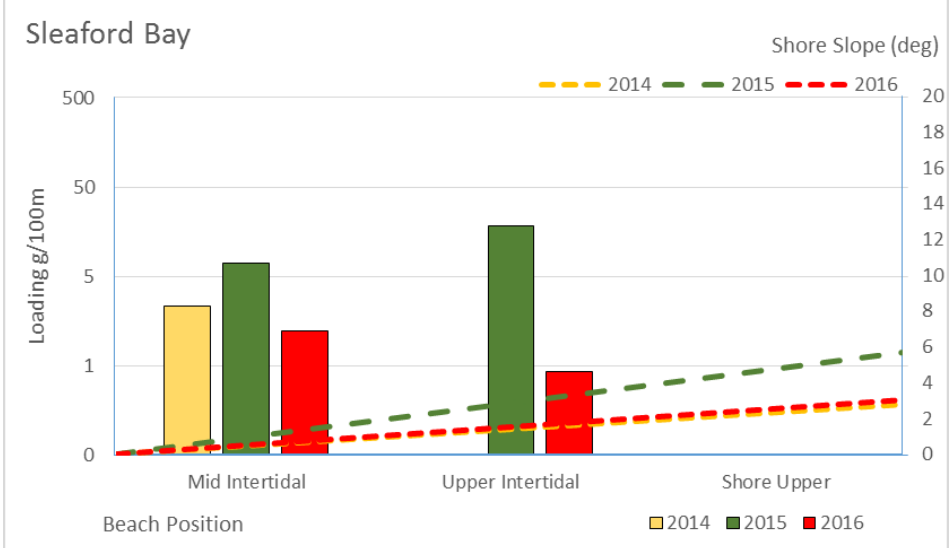
### Beach Character Chart



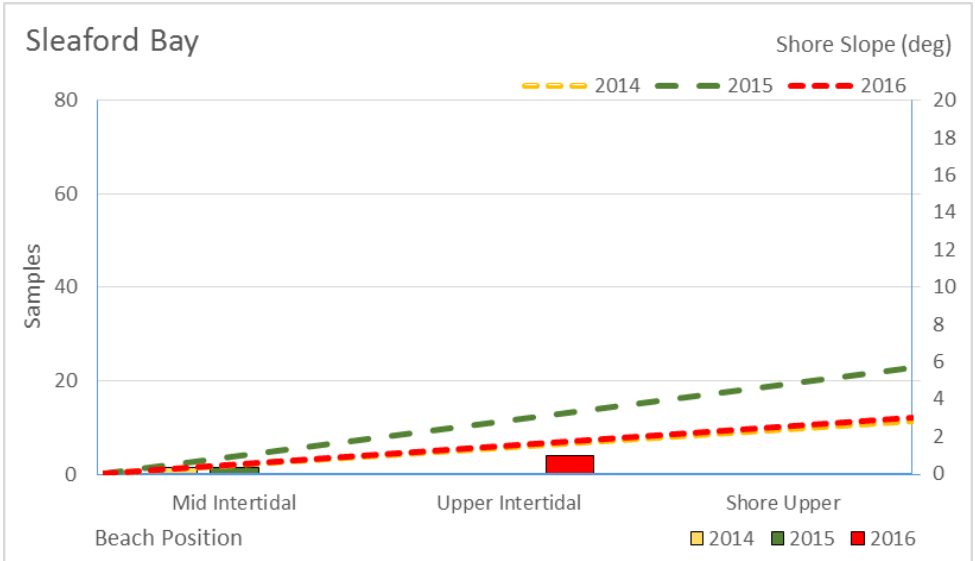
### Asphaltite Frequency Chart

No asphaltites found on this beach

### Sample Loadings per 100m Chart



### Tarball Frequency Chart



## Debris Loadings Chart

