Eastern Beach

BIOSPHERE

There is green grass and hills with trees around the back of the beach. There is plenty of spaces for picnics and the vegetation acts a habitat for many species of plants and animals.

The vegetation also creates oxygen through the natural process of photosynthesis

ATOMOSPHERE

North West wind 12-19 Km/h (Fresh Breeze)

HYDROSPHERE

Frequency- 30 waves a minute.

Wave height is 10-15cm at just after high tide

LITHOSPHERE

Smooth and soft sand, 10-15m Wide

GENERAL OBSERVATION

The beach is not far from a residential area and also has a large marina

HUMAN IMPACTS

A pool has been built for the community to enjoy

A footpath is built along the whole beach

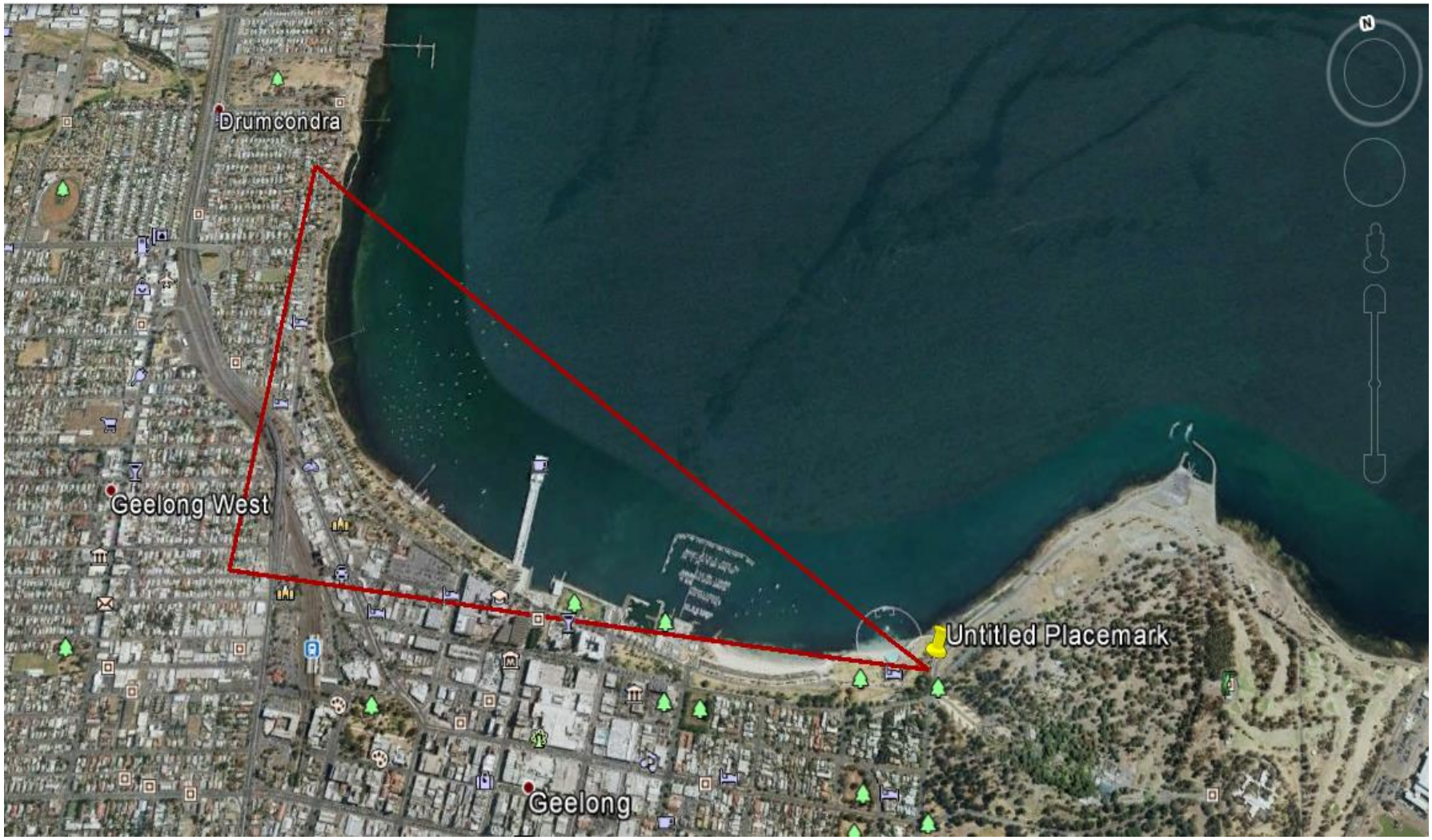
The process of Deposition is evident through the creation of a sandy beach

Constructive waves are evident from deposited sand

A large curved pier is built around the central area of the beach

A playground has been built for entertainment purposes

Eastern Beach Google Earth View



Barwon Heads South

HUMAN IMPACTS

There is a large staircase to climb down onto the beach and back onto the bluff. The stairs are located just outside the image.

Large bluff approximately 400 meters tall

Wave refraction was observed around rocks in the distance of the image

LITHOSPHERE

Very sandy beach, 20-30 meters wide

BIOSPHERE

There is natural vegetation located at the base of the bluff, which creates oxygen through the natural process of photosynthesis

Animals including birds are common throughout the areas.

Sand is deposited to create the large smooth beach

There are some small rock pools observed, creating a habitat for many species of plants and small animals.

There are also multiple signs around the beach to protect the wildlife and the natural beach. There is also a small amount of litter that can be seen around the beach

Puddles inland show that high tide at minimum reaches here

The destructive waves are good for surfing

ATOMOSPHERE

West wind 39-49 km/h (strong wind)

HYDROSPHERE

Destructive waves, also evident from rock erosion

Frequency- 17 waves a minute.

Eroded rocks. They are also evidence of destructive waves.

Closer to Low Tide, 1 -2 meter Waves

Wave reflection against the rocks on the shoreline

GENERAL OBSERVATION

A rise of sea level would be able to be observed through the erosion of rocks further inland.

Barwon Heads South Google Earth View

Barwon Heads East

BIOSPHERE

There is natural vegetation located behind the field of view in the photo, which creates oxygen through the natural process of photosynthesis

Animals including birds are common throughout the areas.

Sand is deposited to create the large smooth beach

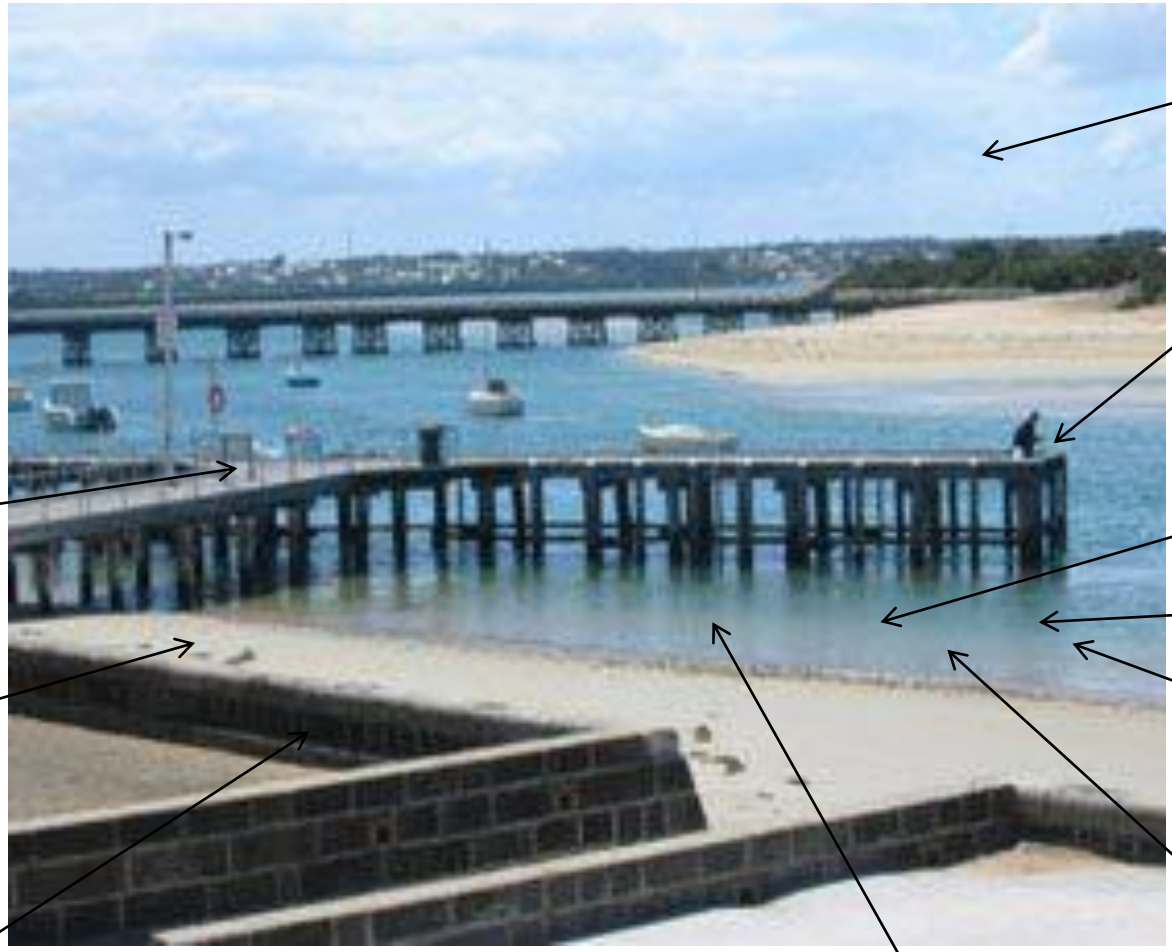
A large pier has been built

LITHOSPHERE

Very smooth and soft sand, 20-30 meters wide

HUMAN IMPACTS

Wall has been built in order to block waves and sand movement



There are also multiple signs around the beach to protect the wildlife and control pollution. A restaurant is also located to the left of the image

ATOMOSPHERE

South wind 12-19 Km/h (Fresh Breeze)

Barwon Heads East is a popular tourist destination.

HYDROSPHERE

Frequency- 39 waves a minute.

20- 30 meters intertidal zone

Low Tide, 2cm Waves

Longshore Drift was observed through the movement of objects in the water

Constructive waves are evident from deposited sand

Barwon Heads East Google Earth View