

DAPTO HIGH SCHOOL



YEAR 10 GEOGRAPHY

FIELD STUDY

2008

NAME: _____
CLASS: _____
CLASS TEACHER: _____
SITE SUPERVISOR: _____

WINDANG BEACH

Geography Fieldtrip

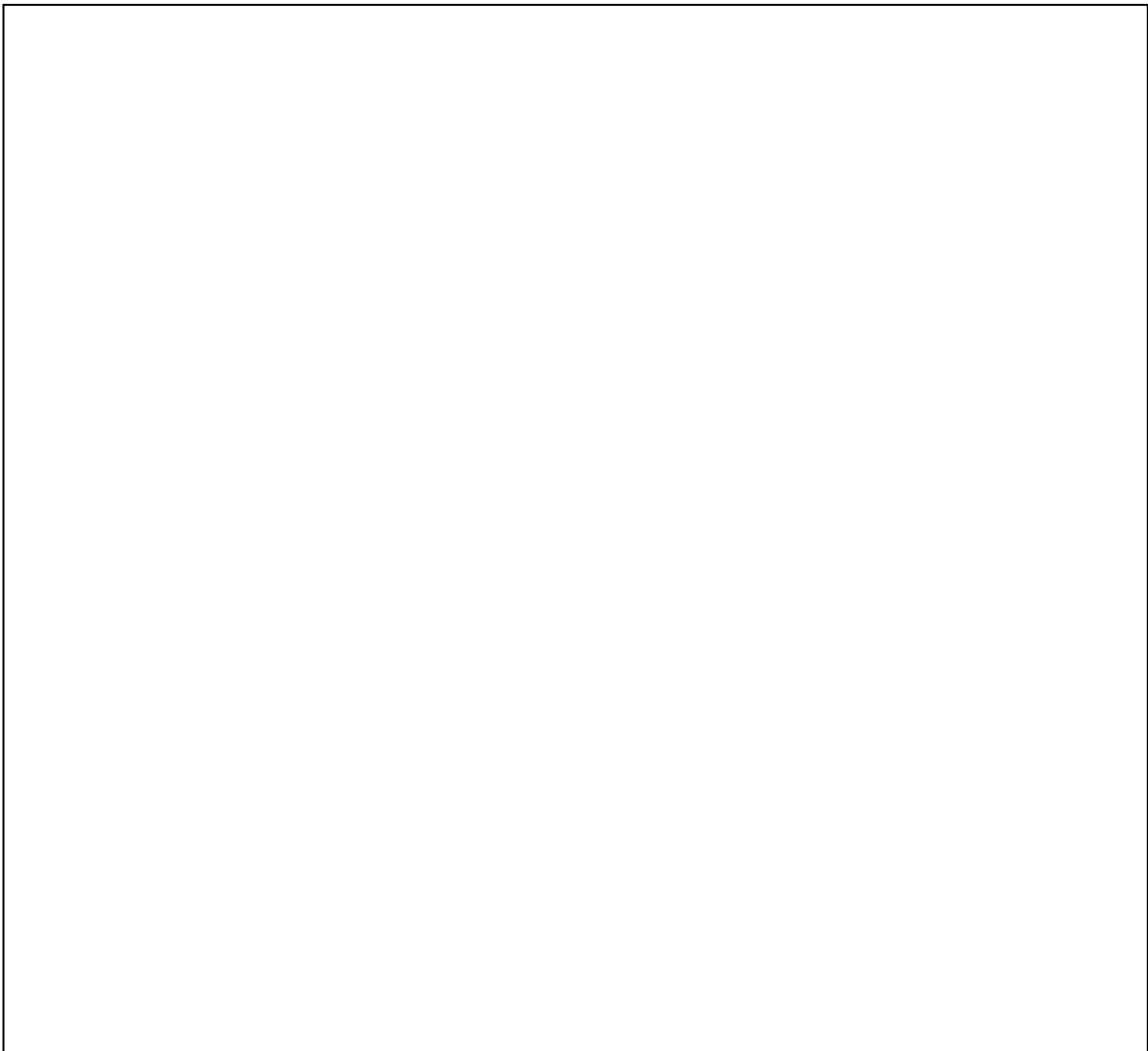
Location: _____ Date: _____

Latitude: _____ Longitude: _____ GR: _____

Rock type: _____ Landform: _____

History of formation of the rock: _____

Field sketch of study site



Sketch notes / Key _____

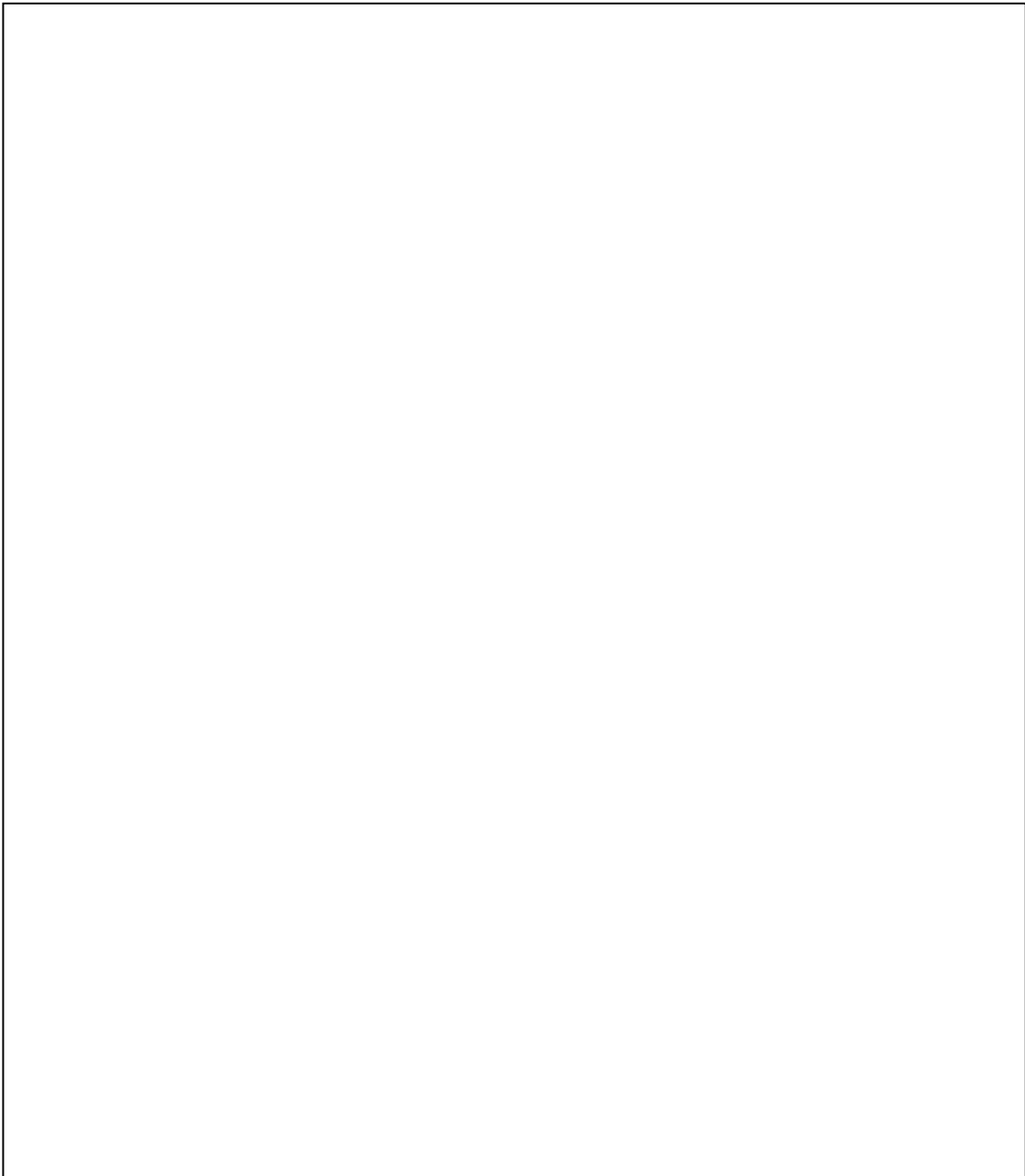
TRANSECT OF DUNES BETWEEN WINDANG BEACH AND CARAVAN PARK

14	<p>Date: _____</p> <p>Location: _____</p> <p>Weather: _____</p> <p>Waves: _____</p> <p>Tide: _____</p> <p>Longshore drift: _____</p> <p>Other: _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p style="text-align: center;">Station A</p> <p><u>Abiotic Conditions</u></p> <p>Air Temperature _____</p> <p>Soil Temperature _____</p> <p>Humidity _____</p> <p>Wind Direction _____</p> <p>Wind Speed _____</p> <p>pH _____</p> <p>Soil Moisture _____</p> <p>Light _____</p> <p><u>Vegetation</u></p> <p>Coastal Wattle _____</p> <p>Coastal Banksia _____</p> <p>Lomandra _____</p> <p>Coastal Tea Tree _____</p> <p>Pigface _____</p> <p>Sea Rocket _____</p> <p>Spinifex _____</p> <p>Bitou Bush _____</p> <p>Penny wort _____</p> <p>Bangalay Eucalypt _____</p>	<p style="text-align: center;">Station B</p> <p><u>Abiotic Conditions</u></p> <p>Air Temperature _____</p> <p>Soil Temperature _____</p> <p>Humidity _____</p> <p>Wind Direction _____</p> <p>Wind Speed _____</p> <p>pH _____</p> <p>Soil Moisture _____</p> <p>Light _____</p> <p><u>Vegetation</u></p> <p>Coastal Wattle _____</p> <p>Coastal Banksia _____</p> <p>Lomandra _____</p> <p>Coastal Tea Tree _____</p> <p>Pigface _____</p> <p>Sea Rocket _____</p> <p>Spinifex _____</p> <p>Bitou Bush _____</p> <p>Penny wort _____</p> <p>Bangalay Eucalypt _____</p>	<p style="text-align: center;">Station C</p> <p><u>Abiotic Conditions</u></p> <p>Air Temperature _____</p> <p>Soil Temperature _____</p> <p>Humidity _____</p> <p>Wind Direction _____</p> <p>Wind Speed _____</p> <p>pH _____</p> <p>Soil Moisture _____</p> <p>Light _____</p> <p><u>Vegetation</u></p> <p>Coastal Wattle _____</p> <p>Coastal Banksia _____</p> <p>Lomandra _____</p> <p>Coastal Tea Tree _____</p> <p>Pigface _____</p> <p>Sea Rocket _____</p> <p>Spinifex _____</p> <p>Bitou Bush _____</p> <p>Penny wort _____</p> <p>Bangalay Eucalypt _____</p>	0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110
13					
12					
11					
10					
9					
8					
7					
6					
5					
4					
3					
2					
1					

Precis Map of _____ showing _____

Study Site: _____
Location: _____
Scale: 1 : _____
Features being summarised _____

Key



DUNE MODELING

Draw your model dune and describe how you built your model and what it shows.



What problem faces this beach or dune? _____

Sketch a possible solution to the problem and label or describe how your ideas will help.



WINDANG ISLAND

INTREPETATION OF INFORMATION EXERCISE

In the spaces below:

1. Write one fact about each of the three (3) topics from the information observed on the observation deck
2. Give written and / or drawn evidence about the topic's:
 - a) **location** from the observation desk (ie distance (in metres) and direction eg north, south, west, east etc.)
 - b) **characteristics** (ie what it looks like)

HISTORIC WALL

1. fact _____

2. evidence _____

ABORIGINAL HISTORY

1. fact _____

2. evidence _____

BITOU BUSH

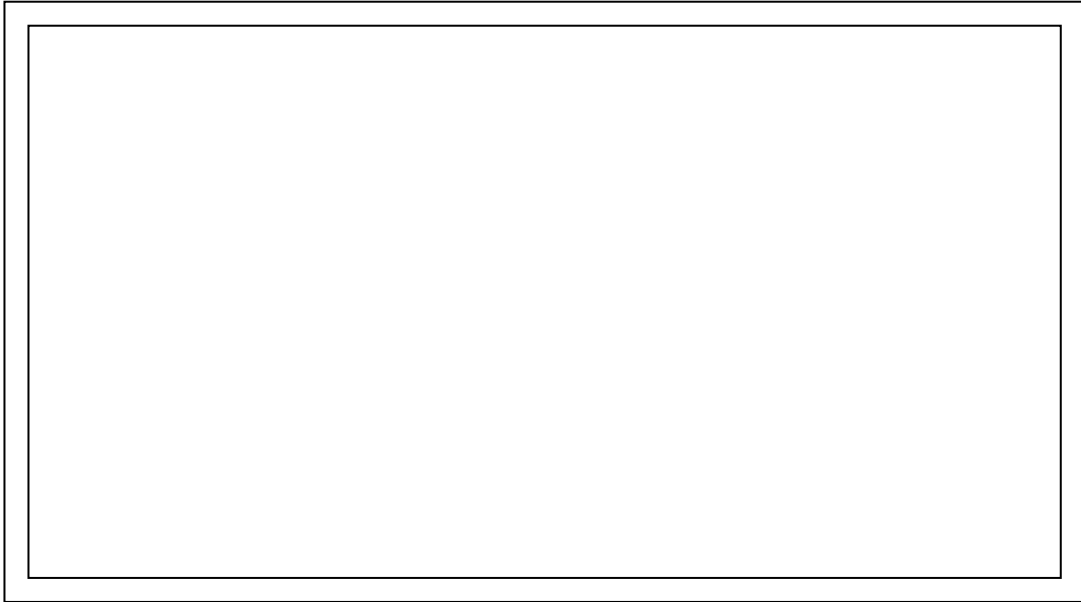
1. fact _____

2. evidence _____

WARILLA BEACH

Draw and **label** a field sketch looking south along Warilla Beach.

Label; rock wall; offshore bar; swash zone; house; beach; high tide mark



List some of the problems you have observed which threaten the coastal dunes of Windang and Warilla.

Number these problems from most serious to least serious.

Describe evidence you have observed of efforts to restore the coastal vegetation.

Explain why restoring coastal vegetation is important.

Year 10 Geography Field Study Site Map

Using a coloured pencil (not text) plot the route and the 6 stop points of our field study site.

