

## Level 8 Geography – Coastal Fieldwork Data Response

**1. Note that point Eastern Beach 007 does not match with the location in the image. Suggest two reasons as to why the location data you collected and the image in Google Earth do not match (2 marks).**

#1

#2

**2. Which point from Eastern Beach 001 to Eastern Beach 007 indicates the location has constructive waves? (1 mark)**

**3. Name two human features installed at Eastern Beach and the natural process they are designed to alter (2 marks).**

#1

#2

**4. Eastern Beach 006 notes totem poles used to attract visitors. Name two other human impacts at Eastern Beach used to attract visitors, identifying a target visitor for each impact (2 marks).**

#1

#2

**5. Using points east of the swimming enclosure, estimate the wind speed (in km/h) at Eastern Beach when we were present (1 mark).**

**6. Name two issues highlighted by signage at Barwon Heads East (2 marks).**

#1

#2

**7. BHE Point 2 states that destructive waves were present. Give one piece of evidence that they are correct, and one piece of evidence they are wrong (2 marks).**

Right:

Wrong:

**8. Name one human feature installed at Barwon Heads East and the natural process it is designed to alter (1 mark).**

--

**9. Name one piece of evidence indicating that wave refraction is occurring at the Barwon Heads bluff (1 mark).**

--

**10. Using points north of the football oval, estimate the wind speed (in km/h) at Barwon Heads East when we were present (1 mark).**

--

**11. Name two pieces of evidence that the waves at Barwon Heads South were destructive (2 marks).**


**12. Point BHS Point 006 states that wave reflection and refraction were present at Barwon Heads South. Explain why this wasn't the case at Barwon Heads South (2 marks).**

--

**13. Describe two techniques used to prevent the erosion of Barwon Heads bluff (2 marks).**

#1

#2

**14. BHS Point 007 states the intertidal zone at Barwon Heads South was 6-7 metres, whereas Barwon Heads South 002 states 20 metres. Which is a more accurate estimate? (1 mark)**

--

**15. Make two predictions for what will happen at Barwon Heads bluff and Barwon Heads South if sea levels rise five metres (2 marks).**

#1

#2