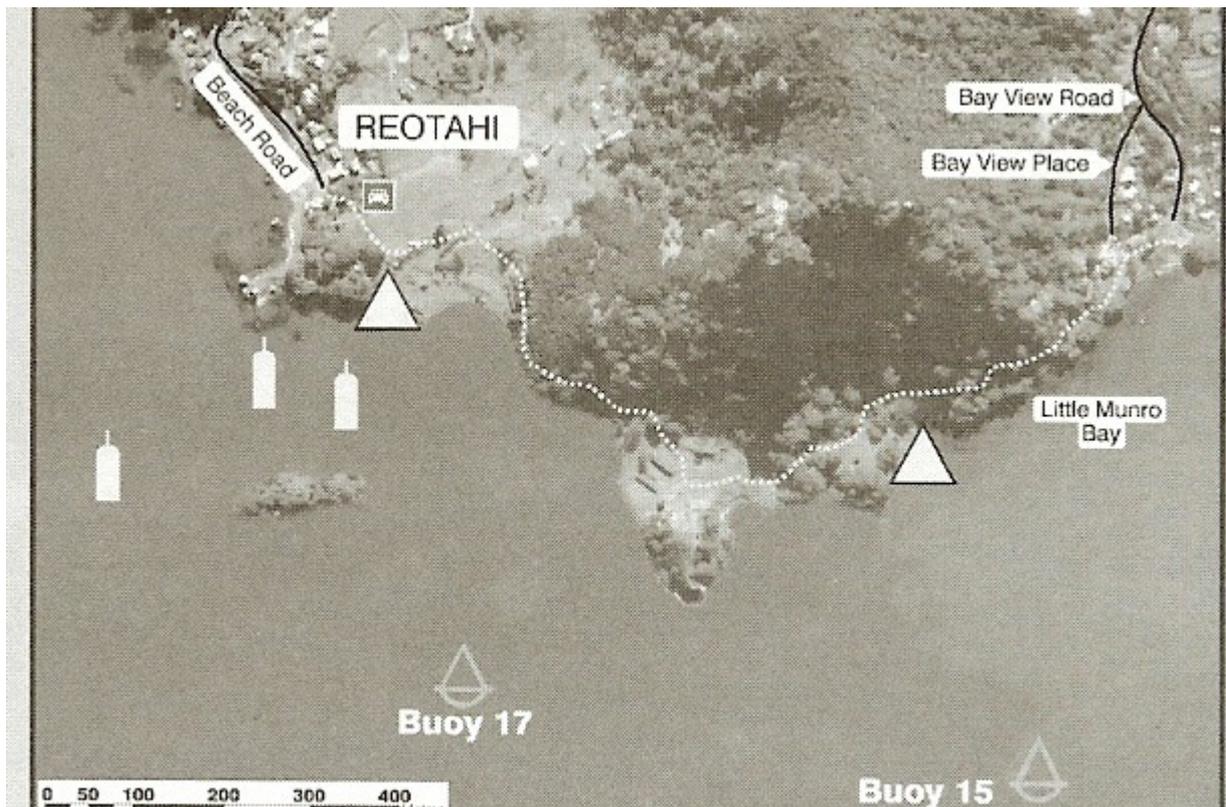


## EMR Beach Activity for the Whangarei Harbour Marine Reserve (Motukaroro/Reotahi site)

*Welcome to Reotahi!! This is home to one of the sites of the Whangarei Harbour Marine Reserve. There's heaps to explore so let's get started...*

Locate the interpretation panels (signs) at the start of the track just past the carpark and use them to complete the following activities:

1. Draw in the boundaries of the marine reserve on this map



2. See if you can locate the yellow triangle land marker from where you are.
3. How many species of reef fish live within the reserve?
4. What is a reef fish?
5. Name 3 species of fish you might see when you enter the water at Motukaroro

6. How deep does the reef plunge to on the southern side of Motukaroro?
  
7. What replaces the seaweed at around 10 metres?
  
8. Why was the harbour, including this site, important to the early subtribal Maori?
  
9. Who proposed the Whangarei Harbour Marine Reserve?
  
10. When was the Whangarei Harbour Marine Reserve formally established?
  
11. What do swimmers and snorkelers need to be cautious about when entering the water at Motukaroro?
  
12. What can't you do in a marine reserve?
  
13. Who can you contact if you see people taking things from a marine reserve?
  
14. What happens to people who take from a marine reserve?

Now start to make your way along the track to Little Munro Bay. Take in the environment as you go along, trying to locate the boundaries of the marine reserve as you go. Continue on until you come to the next interpretation sign (the old freezing works). Use this sign to answer the following questions:

15. What was this place like in 1900?

16. What was this place used for?

17. Where did the coal come from?

18. What happened here in 1915?

19. What was the population here at the peak of production?

20. What facilities were once here?

21. What happened here in 1921?

22. Look at the picture showing the freezing works in its 'heyday'. See if you can spot any of the leftover ruins today.

Now continue on along the track until you come to the next yellow triangle marker – keep a keen eye out – it's a little tricky to see from the track....

Once you've found the yellow triangle, see if you can locate the green harbour marker buoy.

Now you've seen all of the boundaries of the Whangarei Harbour marine reserve!!

Continue onto Little Munro Bay to check out the beach and make a sand sculpture.