

# Deep sea tailings placement ocean-based field investigations

August 2016 to October 2017

To assess the potential of deep sea tailings placement for the Wafi-Golpu Project these ocean-based field investigations will be undertaken by WGJV.



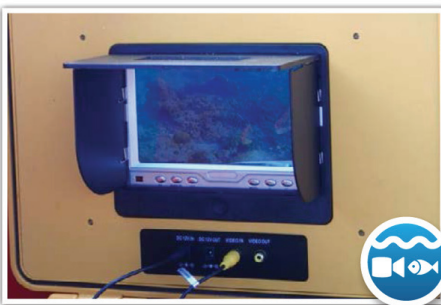
### Bathymetry survey

Measuring the depth of the ocean at different points within the Huon Gulf using a multi-beam echosounder to understand the seafloor topography and slope stability.



### Deep slope and pelagic fishing

Catching fish of all sizes within the deep sea of the Huon Gulf, characterising species distribution and abundance, recording species length, weight, sex and reproductive condition, and analysing tissue samples for metals.



### Benthic video survey

Using a specialised underwater video camera to record sea creatures at the bottom of the ocean near the sea floor.



### Ocean currents survey

Using a current profiler to measure ocean currents within the Huon Gulf.



### Conductivity temperature and density modelling

Measuring the electrical conductivity, temperature and density of the ocean using a profiling data logger that will be deployed in the ocean.



### Ocean sediment sampling

Collecting samples of the ocean sea floor using a sediment trap for characterisation and analysis.



### Nearshore marine survey

Characterising the nearshore marine environment including looking for marine mammals and turtles, documenting marine habitats and collecting representative water and sediment samples.



### Plankton and mid water ecology

Catching sea life such as plankton, crustaceans and small fish in the mid-water column, characterising species distribution and abundance, and analysing samples for metals.



If you would like further information from WGJV about the Project please contact:

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