

Dunmore Sand & Soil

Modification 2 - Stage 5

Independent Planning Commission

Applicant Meeting

01 October 2020



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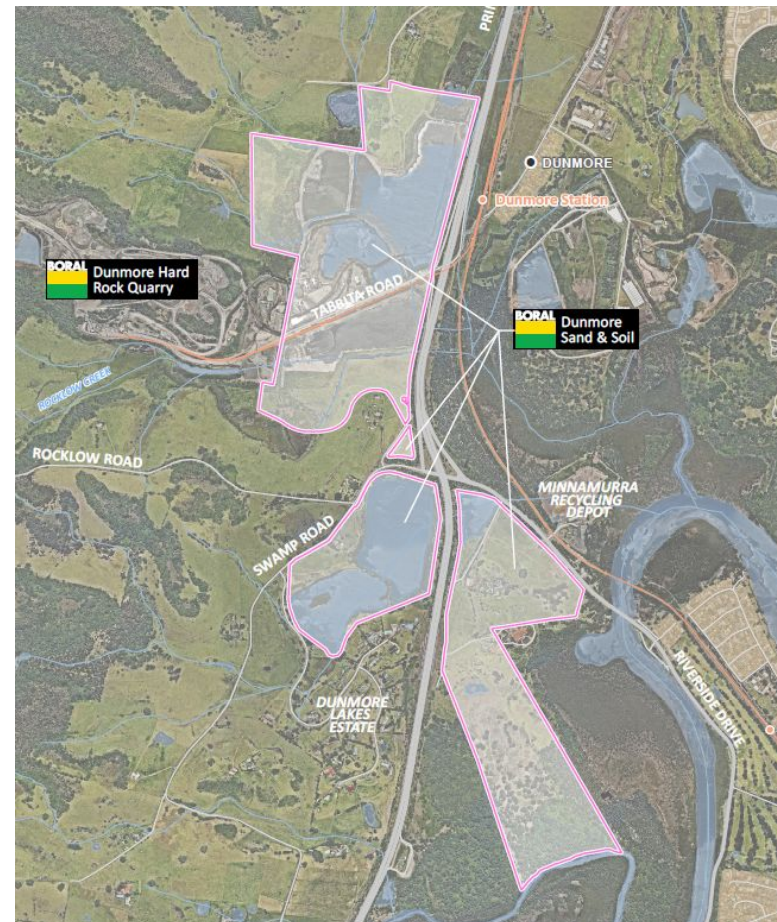
06 - Recommended Conditions



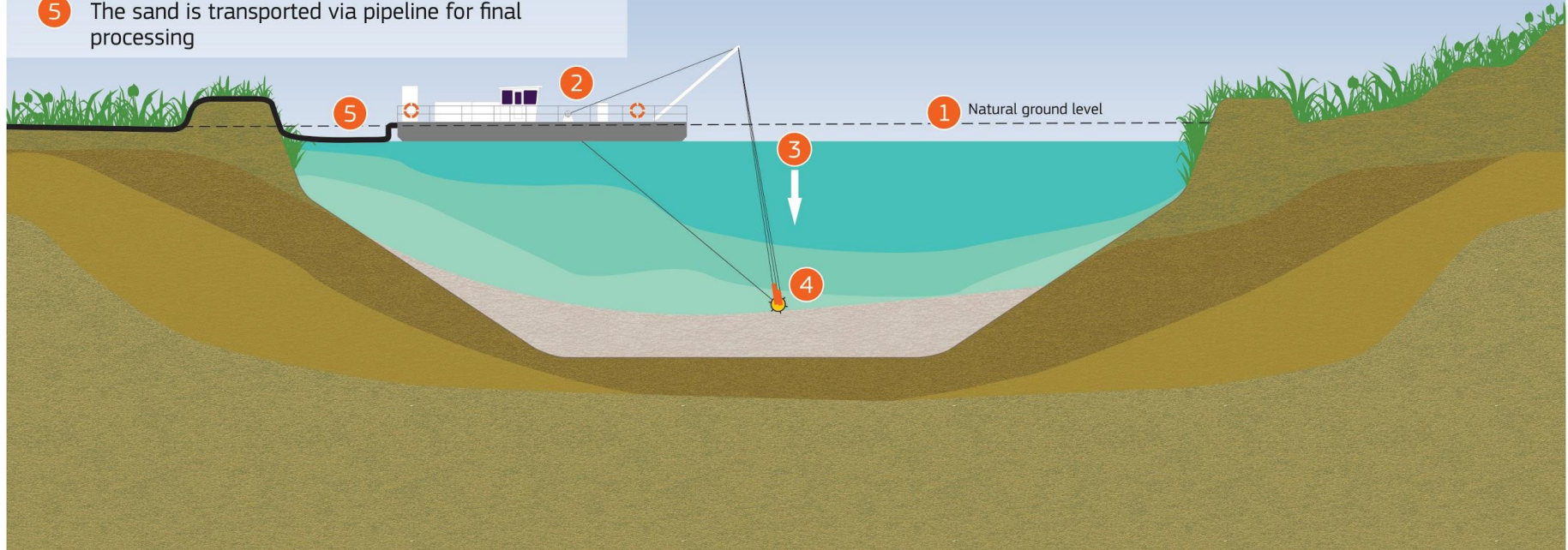
01 - DSS Operations

A brief overview of our operations

Aspect	Existing operations	Proposed modification
Hours of operation	<u>Dredging processing:</u> 6am-6pm (Mon-Sat) 8am-4pm (Sun & PH) <u>Excavator extraction</u> 6:30am-6pm (Mon-Sat) Nil (Sun & PH) <u>Delivery/distribution/maintenance:</u> 5am-midnight (Mon-Fri) 6am-6pm (Sat) 8am-4pm (Sun & PH) (Shellharbour Rd deliveries differ from above) <u>Inaudible maintenance:</u> Any time	No change
Consent period	25 years from commencement	No change
Production and transport limit	800,000 tpa	No change
Product transport	Road and rail	No change
Extraction method	Excavator and dredge	No change
Dredging area	51.1ha	11.54ha



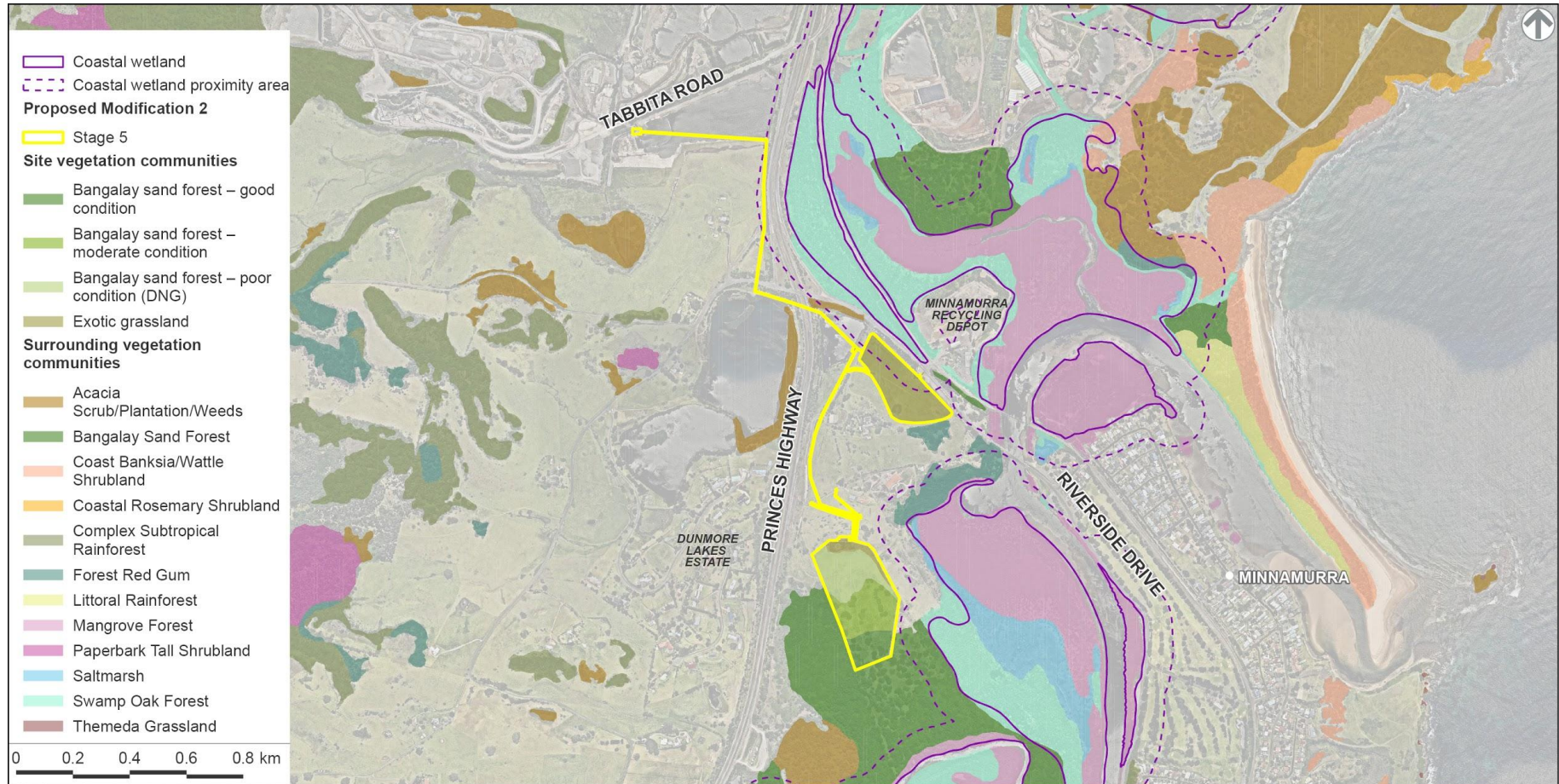
- 1 Site is cleared and bunds are established
- 2 Groundwater exposed and dredge floated
- 3 Dredge operator lowers the boom to the pit floor
- 4 A rotating cutter bar uses teeth to loosen settled material, as a suction pump removes sand
- 5 The sand is transported via pipeline for final processing

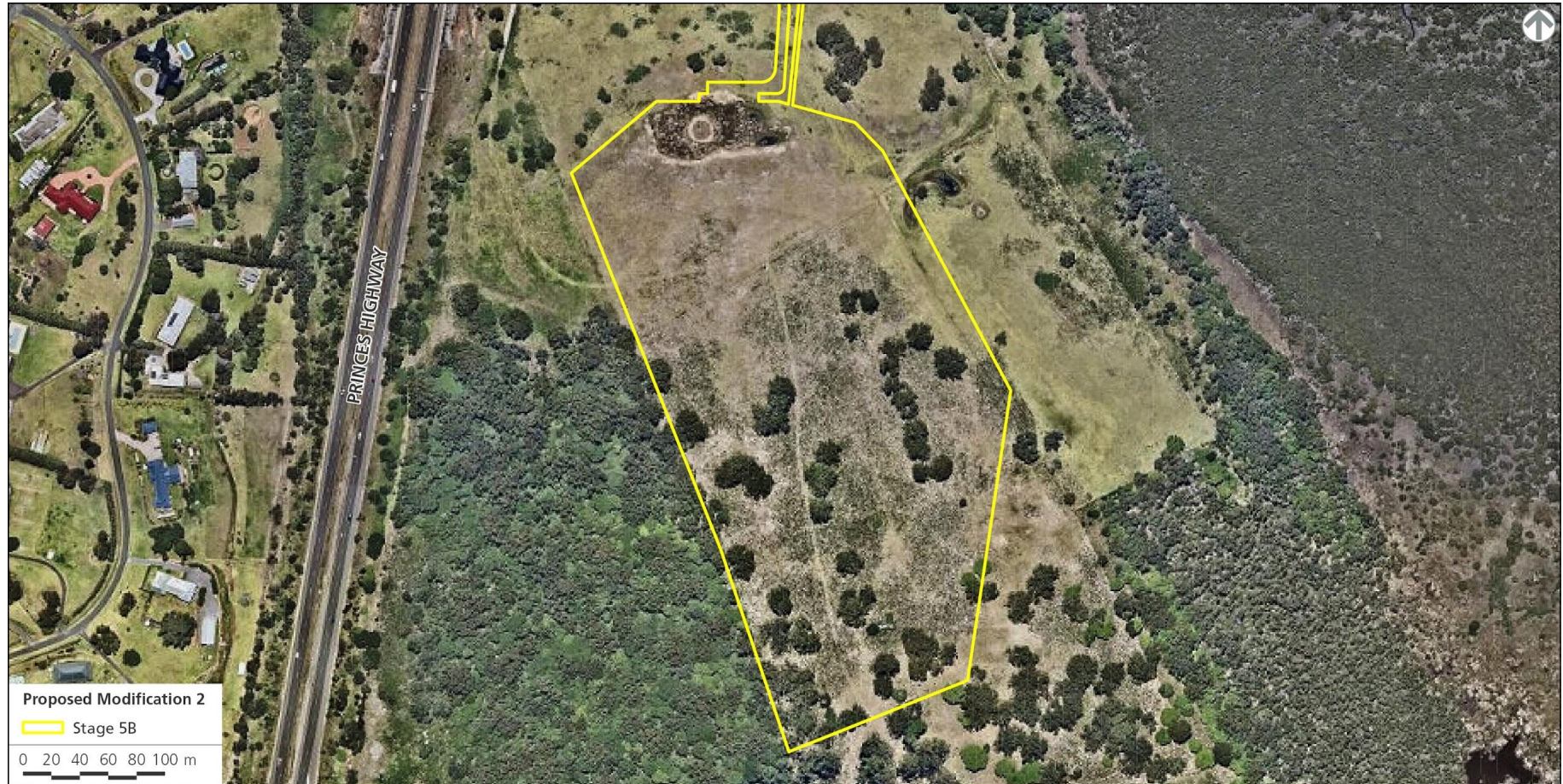




02 - DPIE Report

Our views on the assessment report









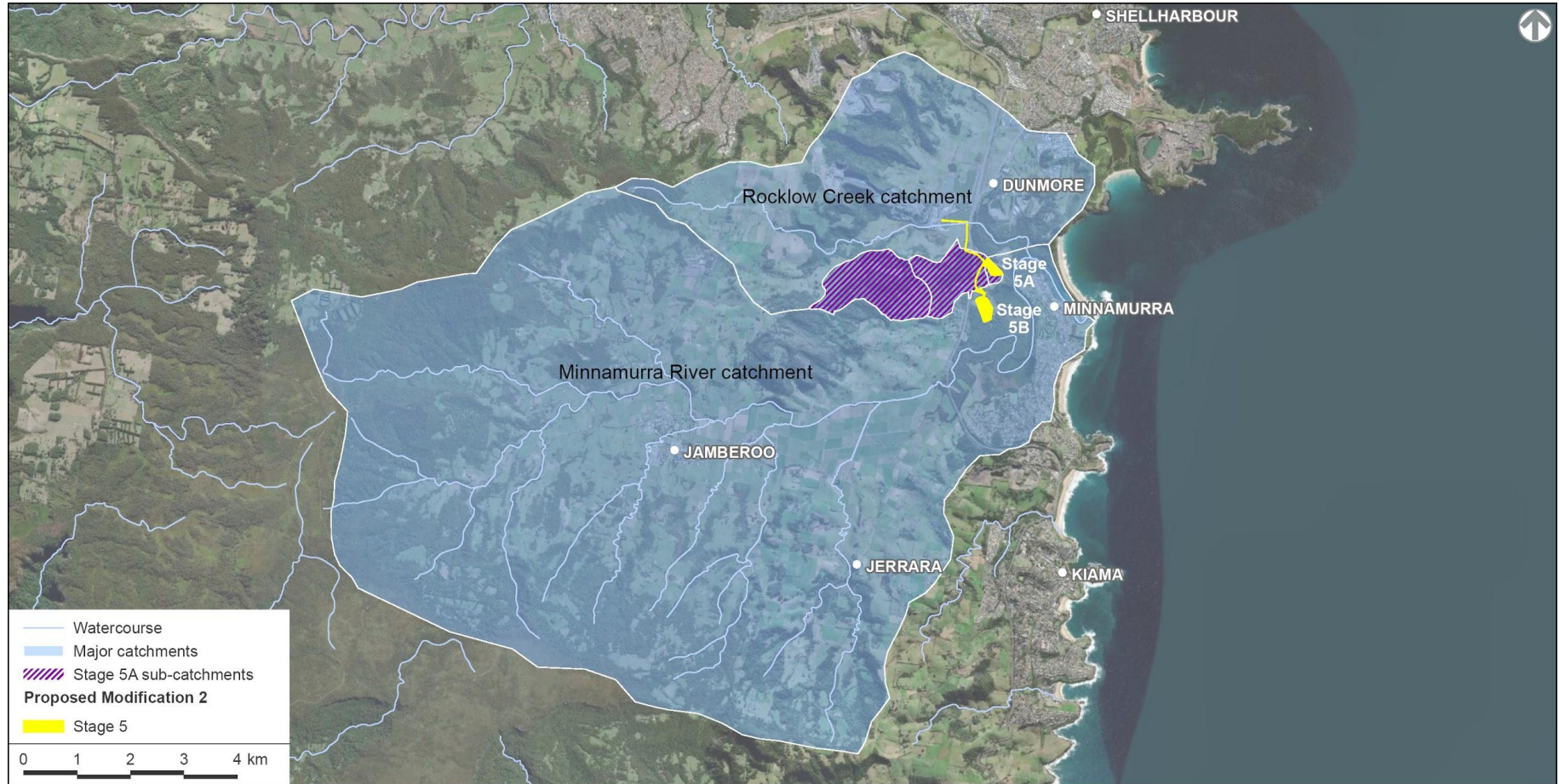


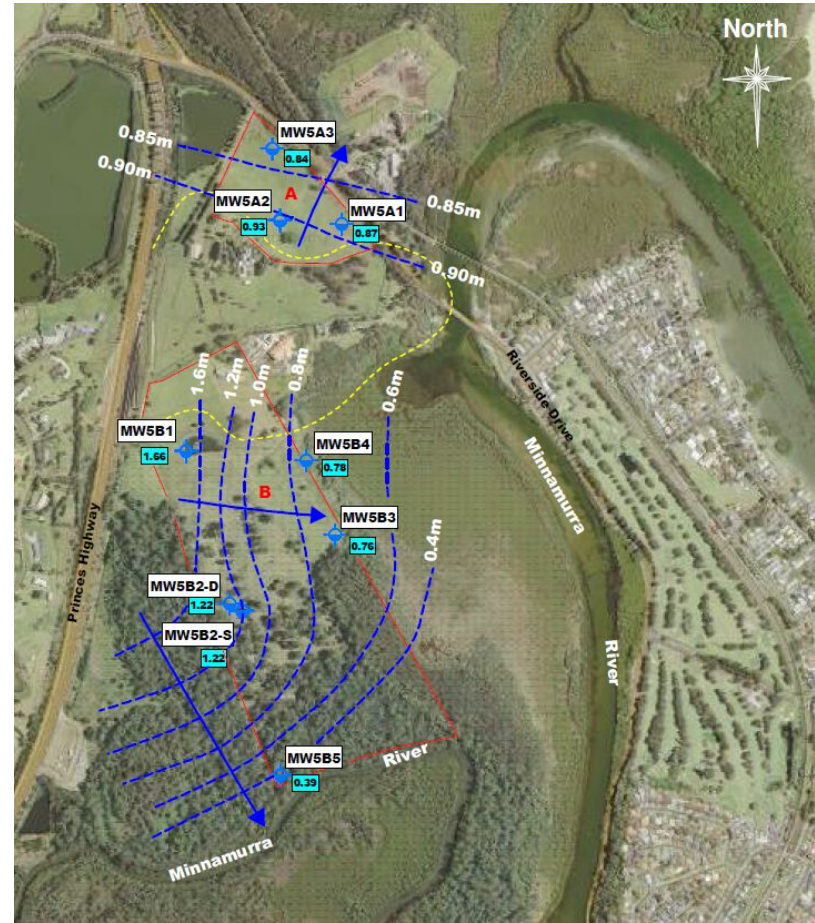




03 - Groundwater

How does our project interact with groundwater

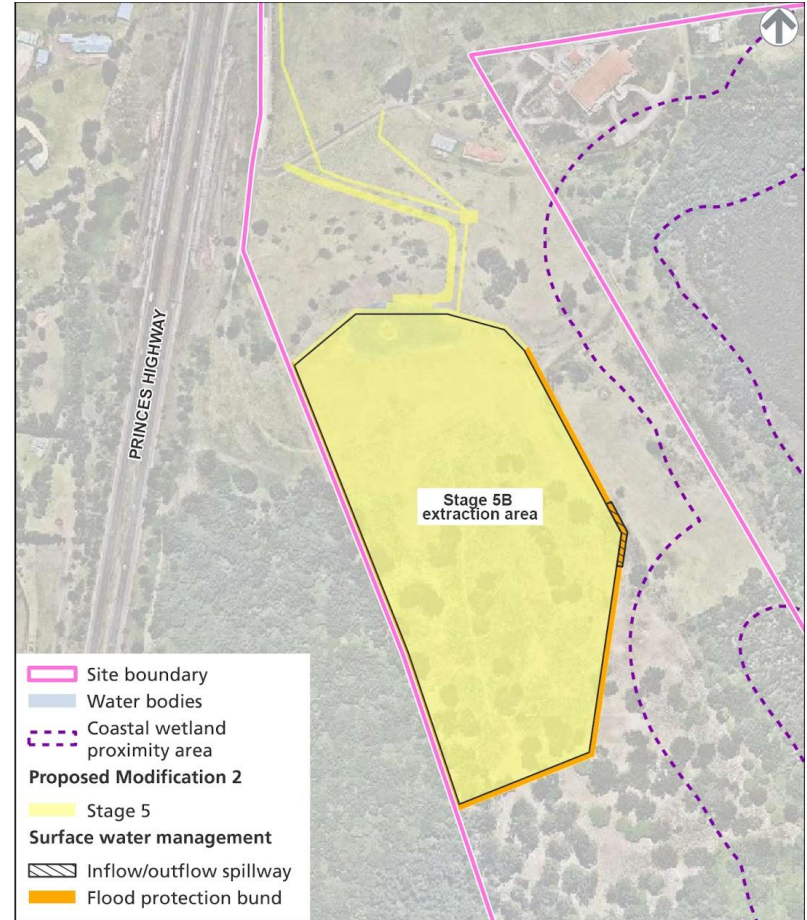
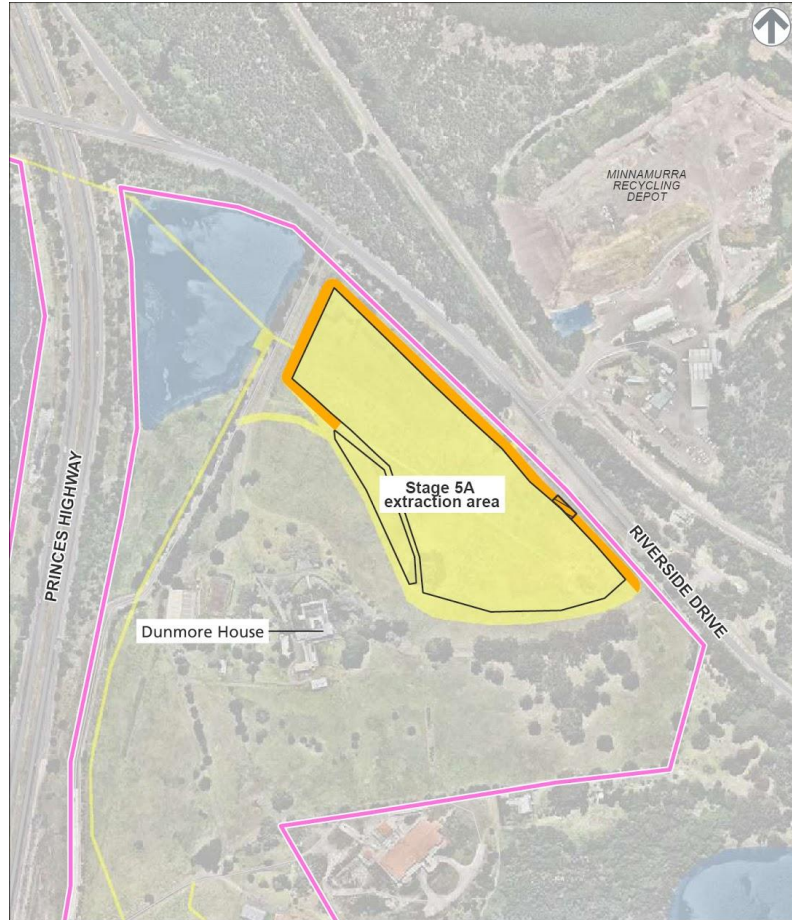






04 - Flood Protection

How flooding risk has been addressed







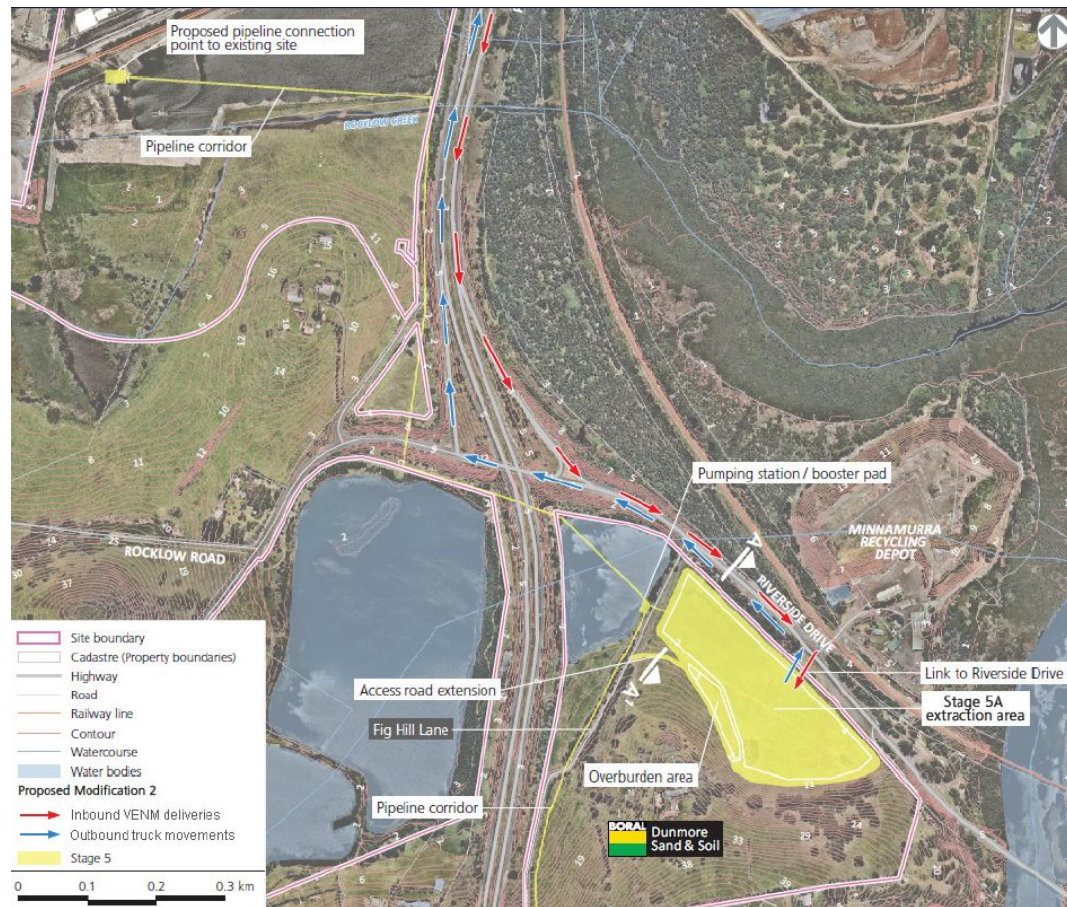




05 - Traffic & Transport for Rehabilitation

Traffic related impacts and mitigation for rehabilitation

- The entirety of the sand resource will be pumped to the existing operations; no haulage of resource will occur from Stage 5
- Construction and VENM delivery for Stage 5A are the key traffic contributors
- We expect to fully rehabilitate Stage 5A within 2 years of ceasing extraction from the Stage
- Kiama Council has already approved the design of the intersection solution



Key Facts

Stage 5A will be the first area for extraction, and rehabilitation activities.

The land will be returned to its present state, with vegetation to be established for grazing purposes

Traffic impacts during rehabilitation activities only

We expect to be completed with our operations at this stage in 3 years.

Hourly Movements

3 / 5

Average and Peak movements
to Stage 5A

Trucks Per Day

23 / 45

Average and Peak movement
to Stage 5A

Haulage Period

48

Weeks required to complete
fill at Stage 5A





Indicative location and design of intersection subject to approval.



06 - Recommended Conditions

Our views on the draft conditions

32. The Applicant must not commence extraction in Stage 5 until the Soil and Water Management Plan is approved by the Planning Secretary.

We would request that the condition allow for the management plans to be prepared, and approved, in a staged manner.

Thereby, the management plans would be tied to the commencement, of each respective stage.



07 - Questions

Thank you.

