

DANA POINT WEST BREAKWATER REPAIR

Project Update

06 June 2024

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US Army Corps
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Photo Credit: D. Ramey Logan





AGENDA



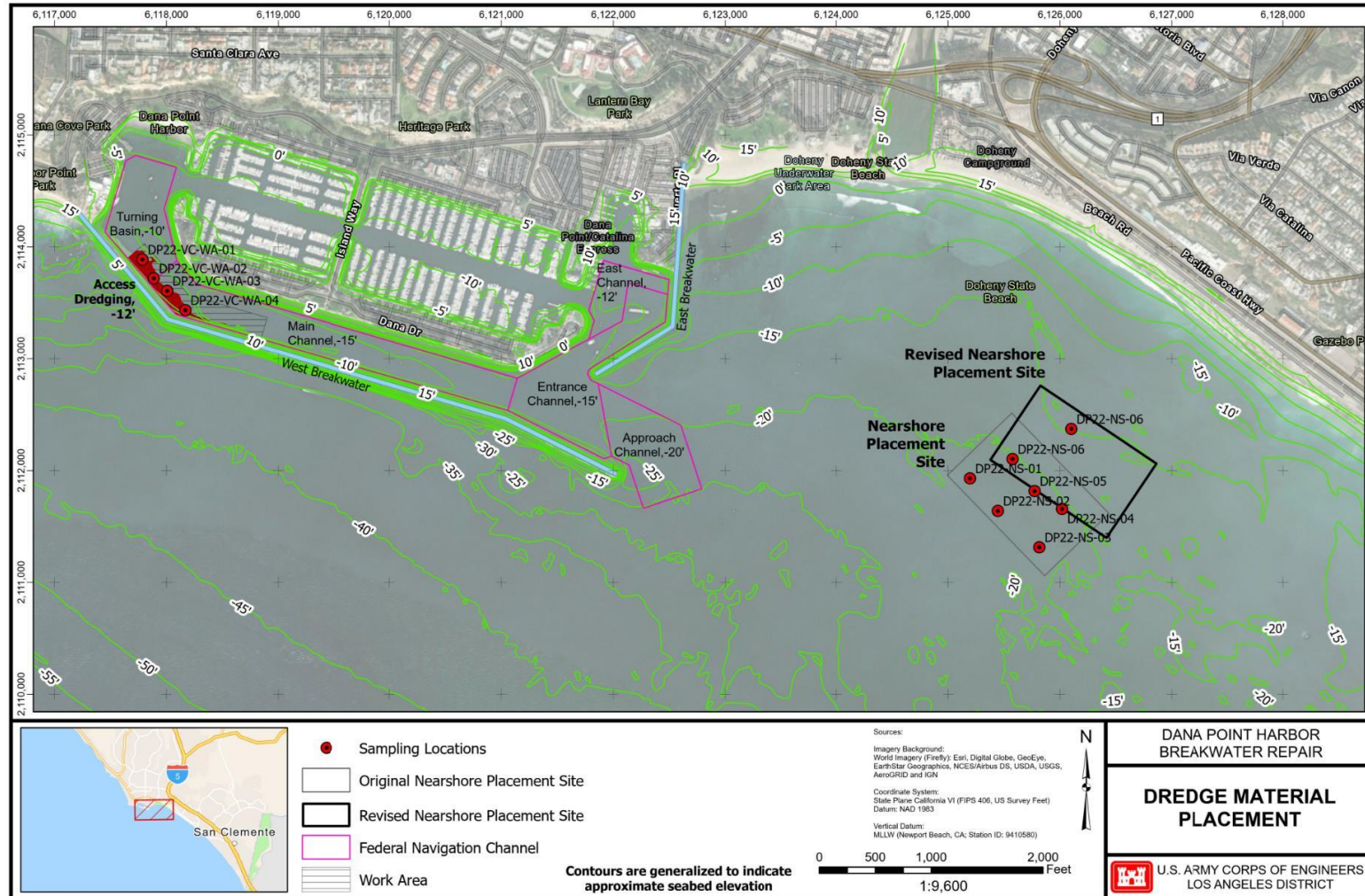
- Project Description
- Schedule Update
- Q&A

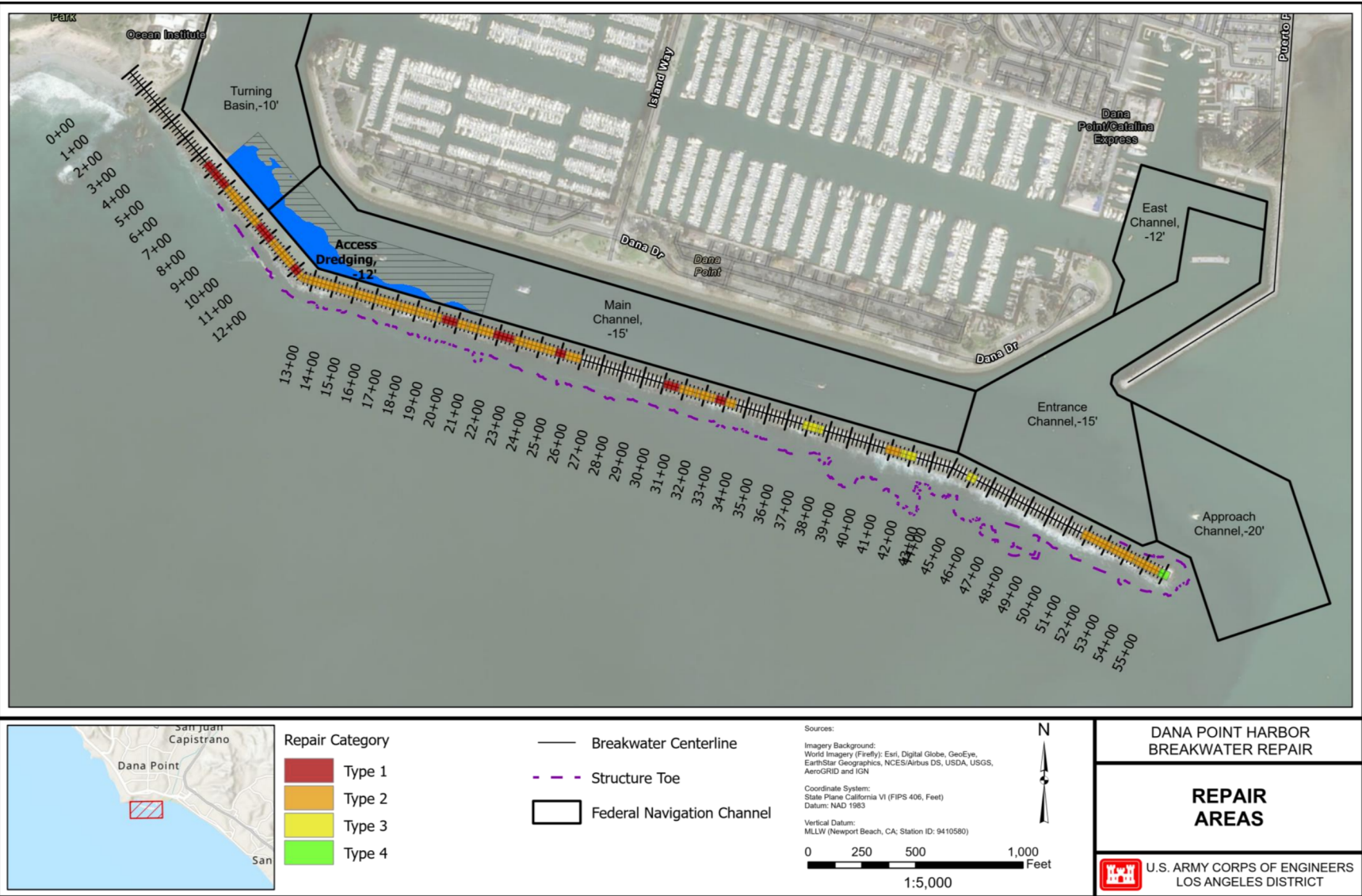


DREDGE MATERIAL BENEFICIAL USE



- ~45,000 cu. yd.
- Clamshell dredge
- Gravity dump from SCOW





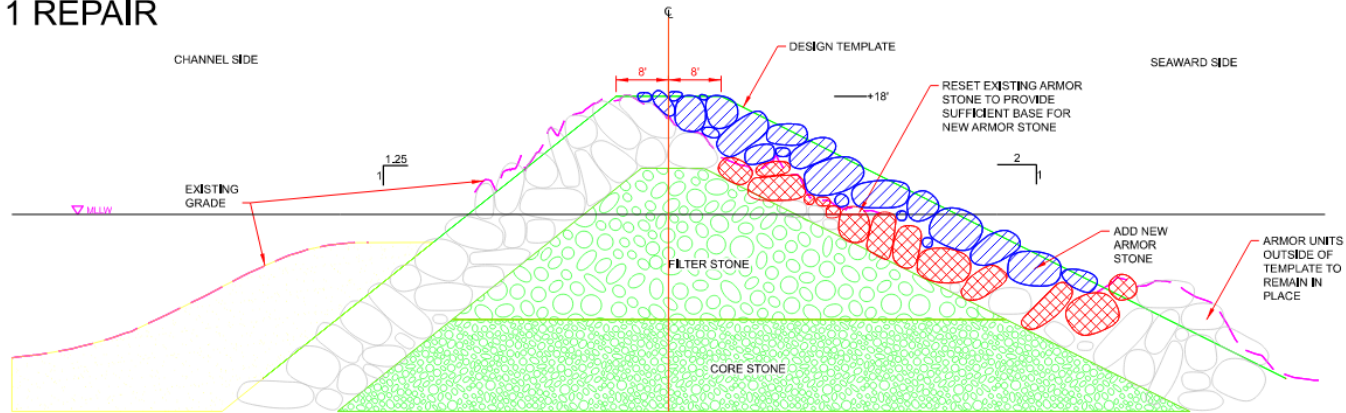


BREAKWATER REPAIR TYPES

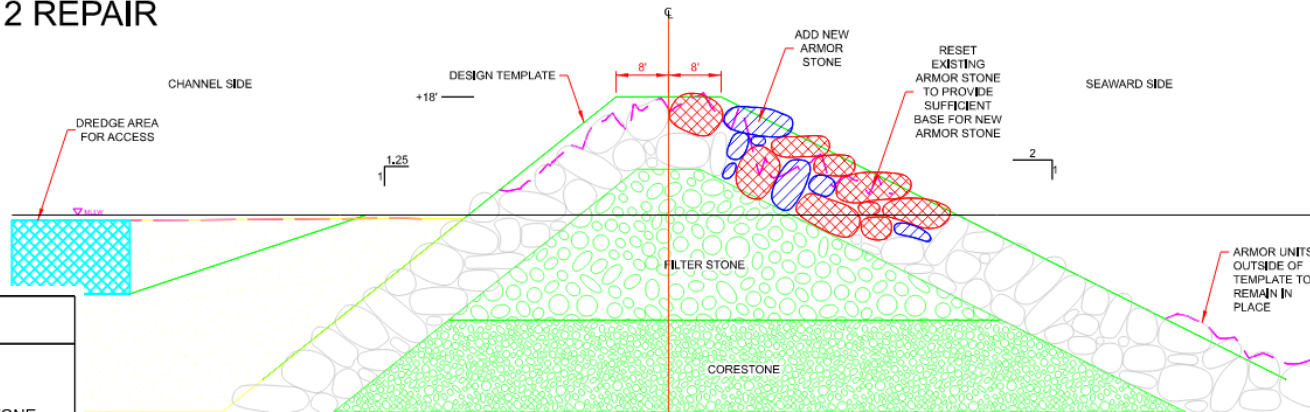
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TYPE 1 REPAIR



TYPE 2 REPAIR

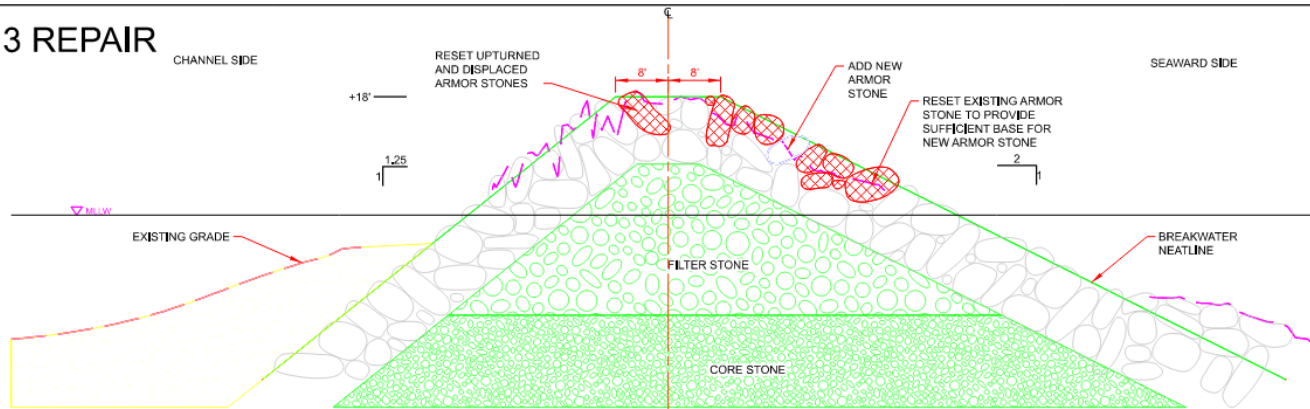


LEGEND

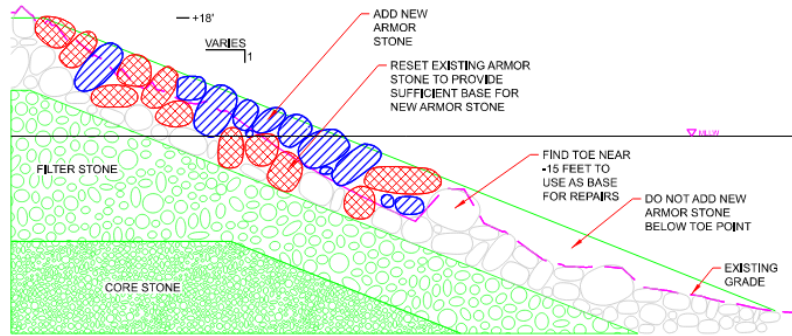
-  EXISTING ARMOR STONE
-  RESET OR REWORKED ARMOR STONE
-  NEW ARMOR STONE

BREAKWATER REPAIR TYPES (CONT.)

TYPE 3 REPAIR



TYPE 4 REPAIR



LEGEND

-  EXISTING ARMOR STONE
-  RESET OR REWORKED ARMOR STONE
-  NEW ARMOR STONE





- Contactor required to fence Staging & Storage Area (6 ft chain-link).
- Contactor to provide flaggers during haul route transits.
- Contactor to repair all damages to Staging & Storage Area and Haul Route. Will notate "Protect in Place" on important features, but any feature not included is assumed to be protected in place. Initial mobilization includes inventory and documentation of conditions.
- Land-based construction may require ~150 truck trips for stone delivery.







BIOLOGICAL RESOURCES



Threatened and Endangered Species



Black abalone (*Haliotis cracherodii*)



Green sea turtle (*Chelonia mydas*)

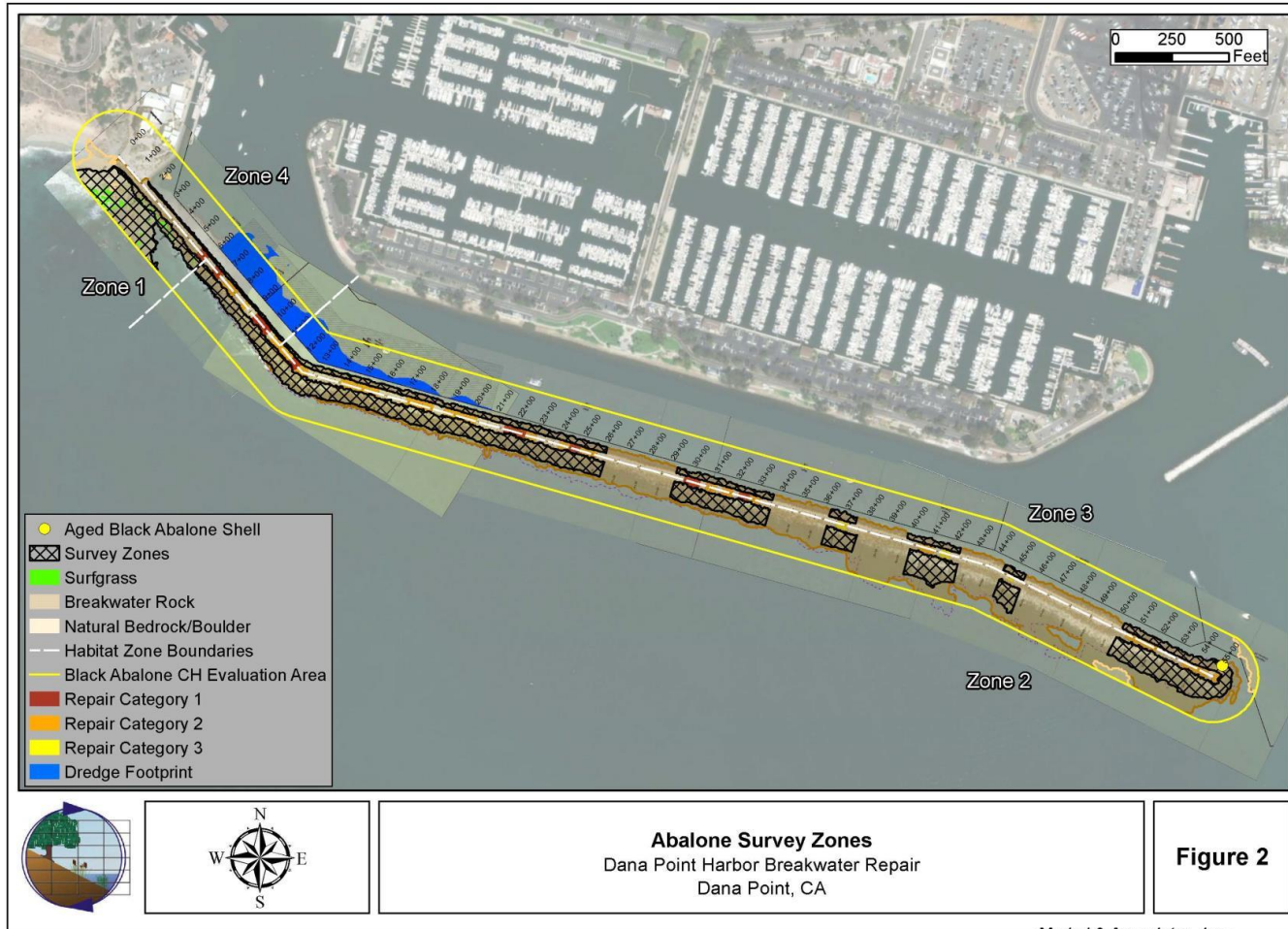
Photo credit: NOAA Fisheries



BIOLOGICAL RESOURCES

M&A #21-065-04

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BIOLOGICAL RESOURCES

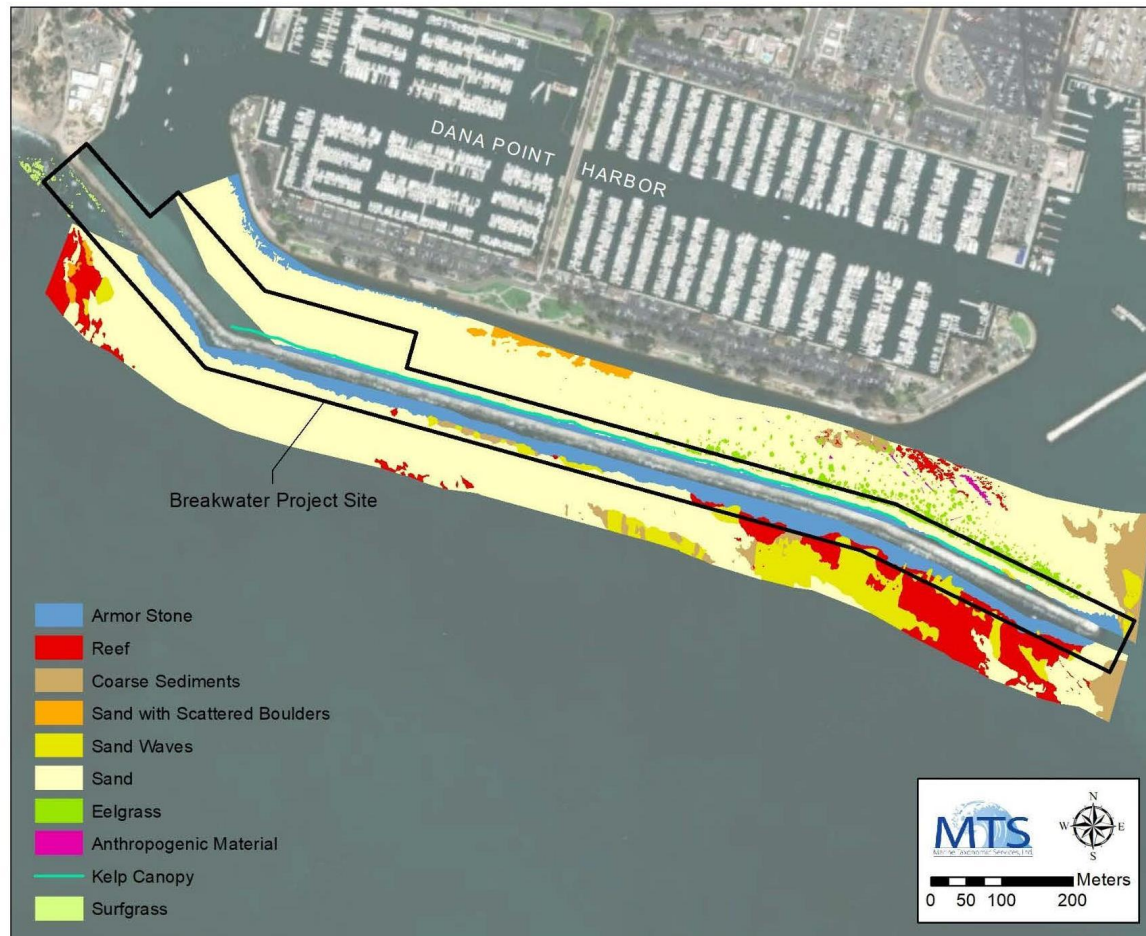


Figure 7. Habitat map showing habitat types within survey area around portions of the Project site breakwater and dredge footprint.



BIOLOGICAL RESOURCES

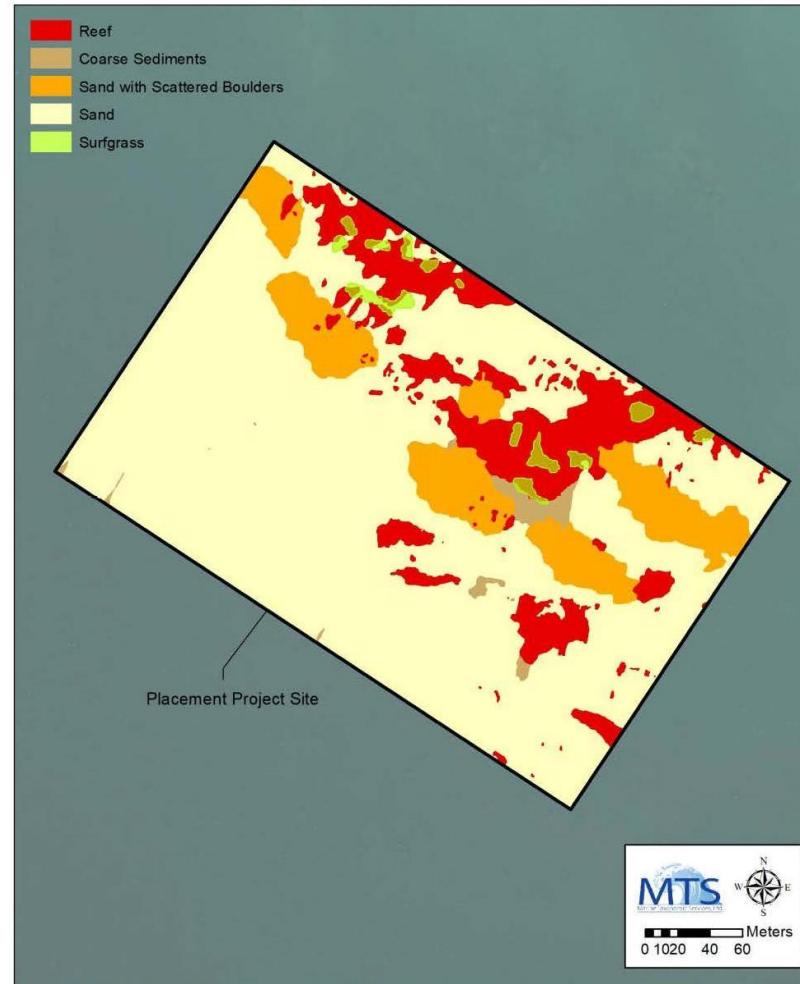


Figure 5. Habitat map showing habitat types within the dredged material placement site.



TENTATIVE PROJECT SCHEDULE

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- Plans and Specs Complete
 - Fall 2024
- Ready to Advertise
 - Winter 2024/25
- Notice to Proceed
 - Spring 2025

- Construction*
 - Period of Performance: 225 days
 - Access Dredging -> ~ 30 days
 - Stone Procurement -> ~ 90 days
 - Breakwater Repair -> ~ 90 days

*Construction schedule will be determined by contractor Means and Methods



QUESTIONS

- Any questions?

