



Proposed Projects Overview

Marwel niybe athpeg nga daken ea nam



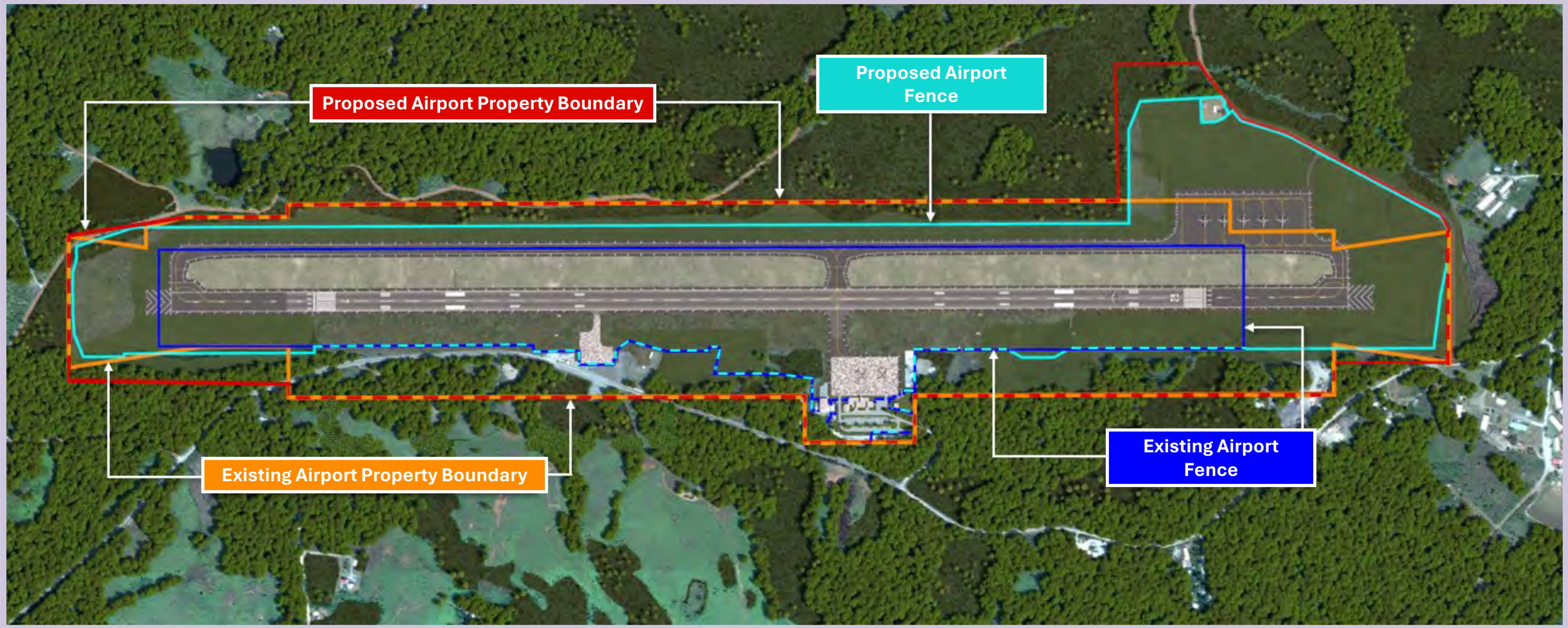
Your Voice Matters! Submit comments to yap_dod_public_scoping@us.navy.mil.
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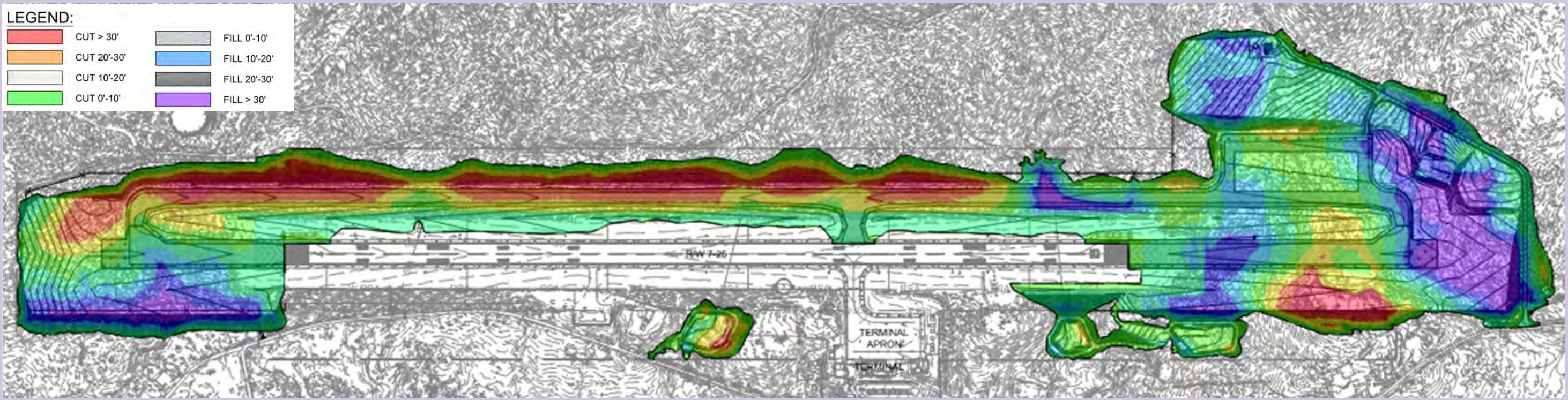


Airport and Road Improvements Mon'og ko skoyjo nge kanawoo

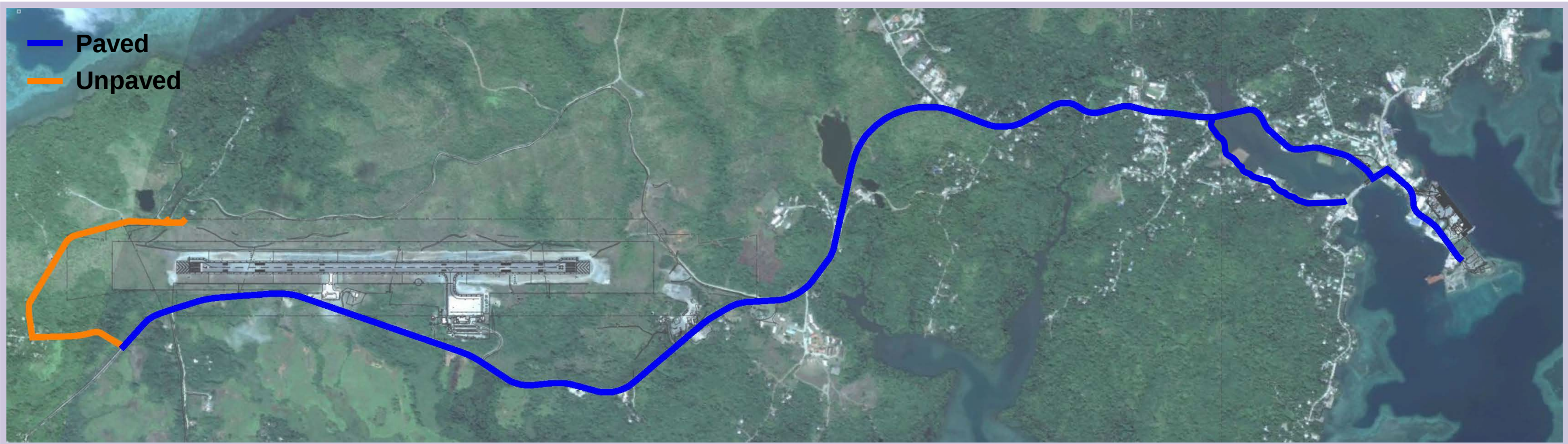
Existing and Proposed Airport Layout Skoyjo nge athap ko rogon ngan marweliy



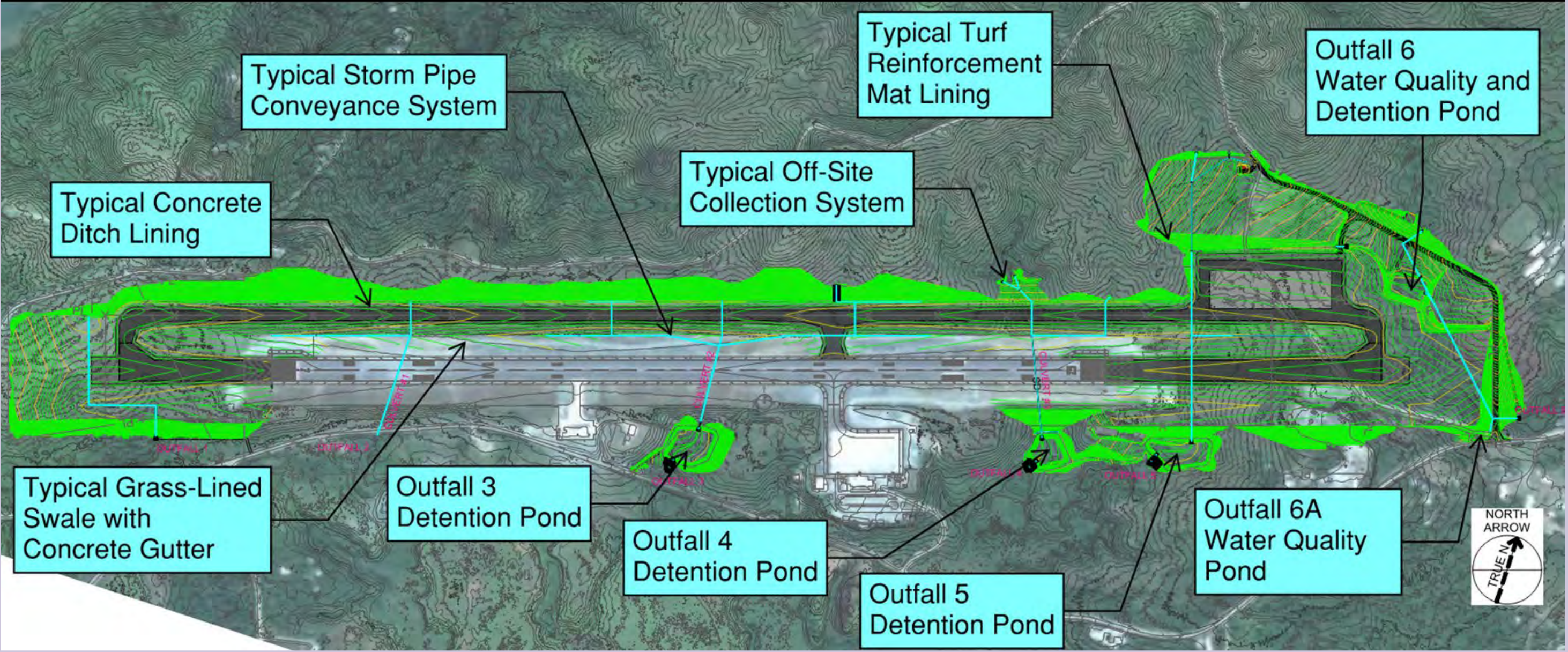
Proposed Cut and Fill Areas Athap ko rogon nge taareb daken ea buut



Proposed Road Improvements Athap ko mon'og ko kanawoo



Proposed Site Drainage Plan Athap ko Wol' ea raen

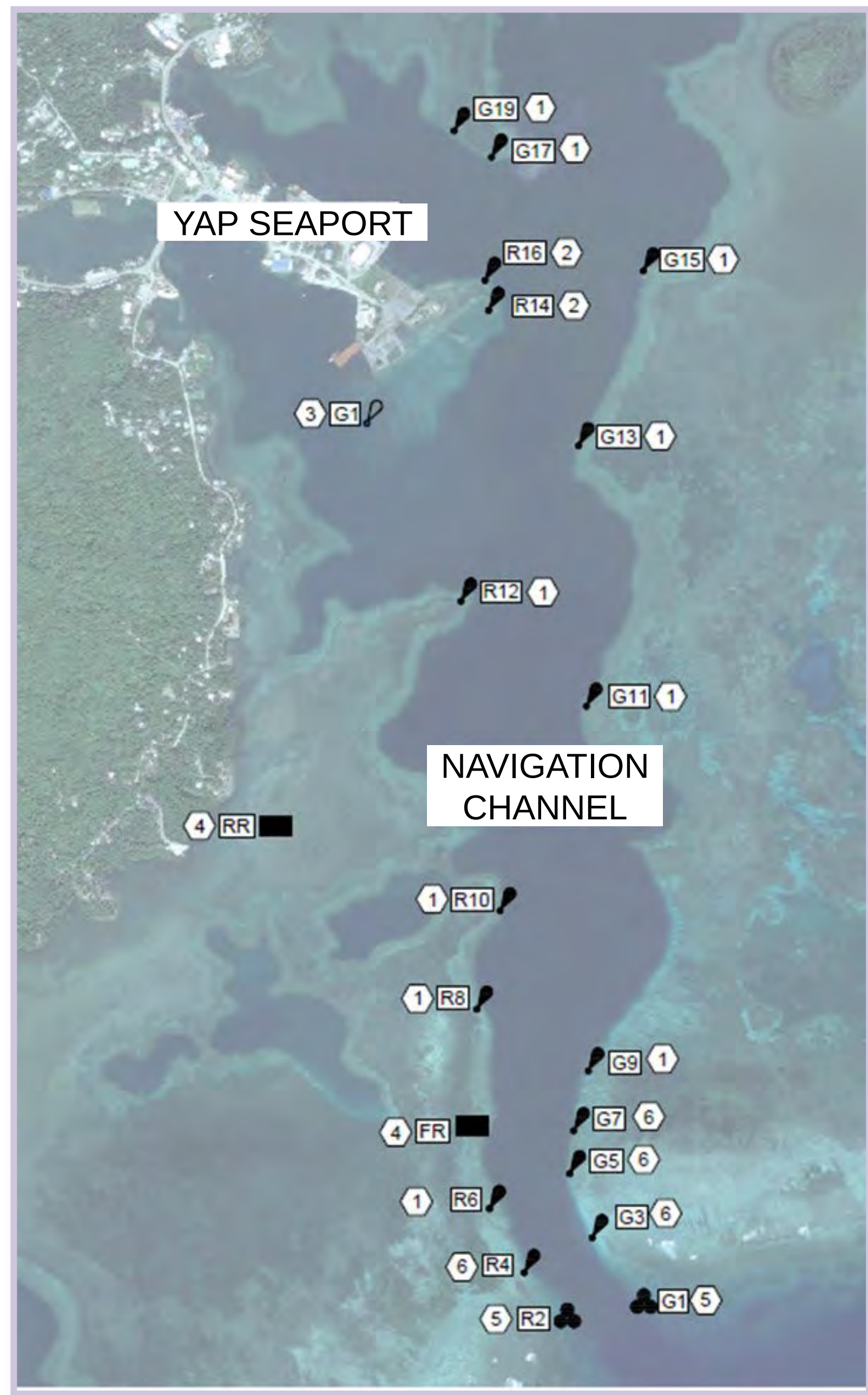


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Seaport Improvements Mon'og nag ea gampek



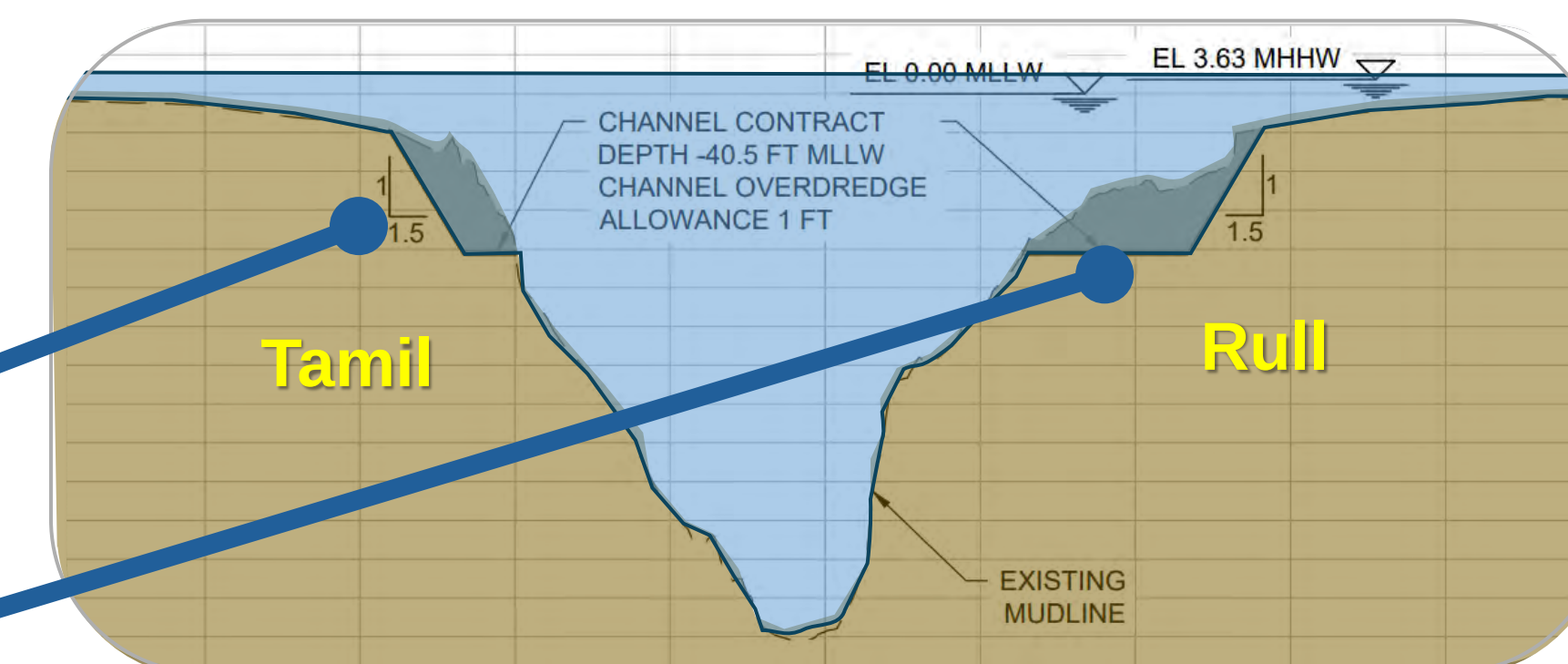
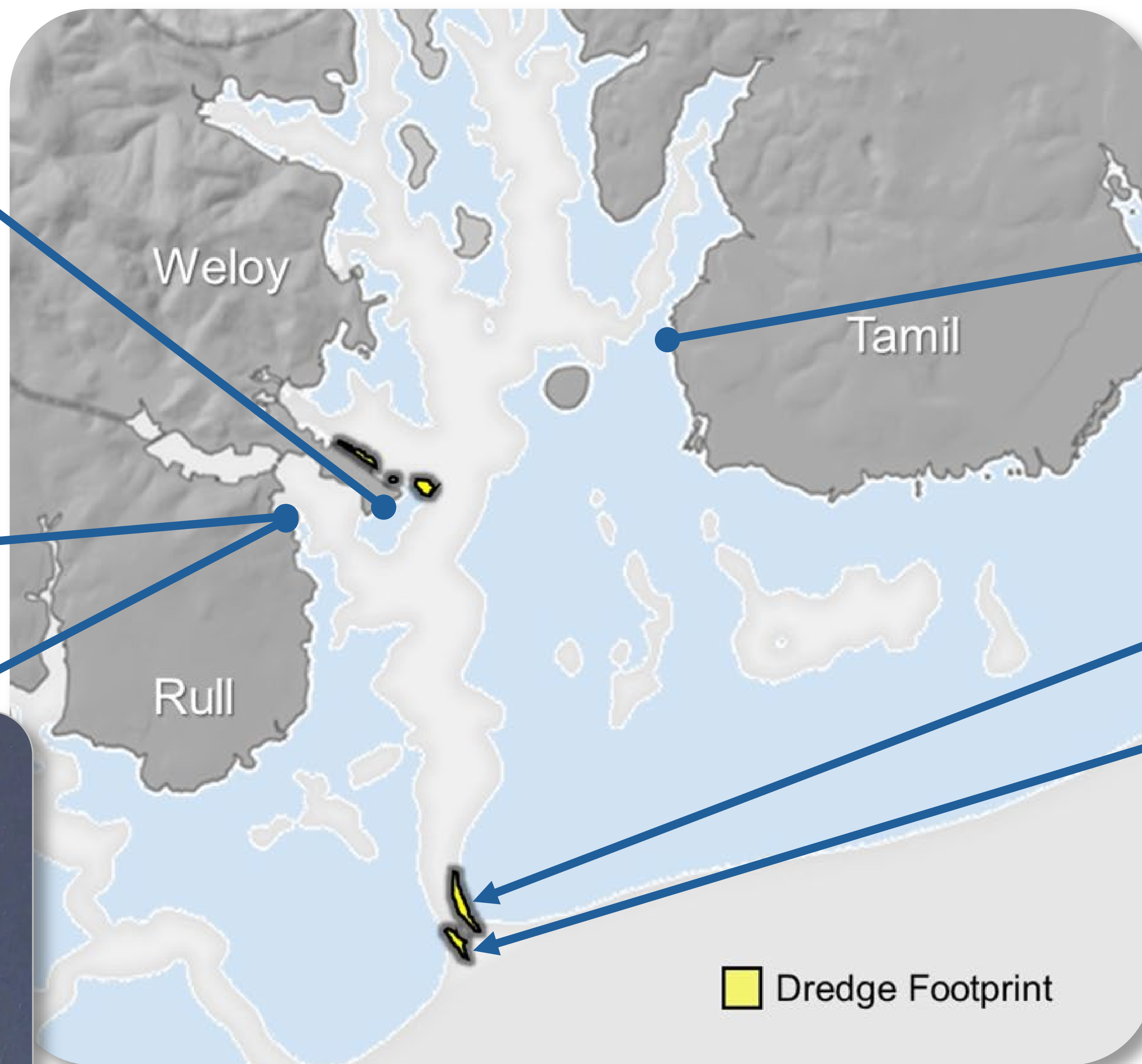
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Dredge Overview

Rogone marwel u dubchol



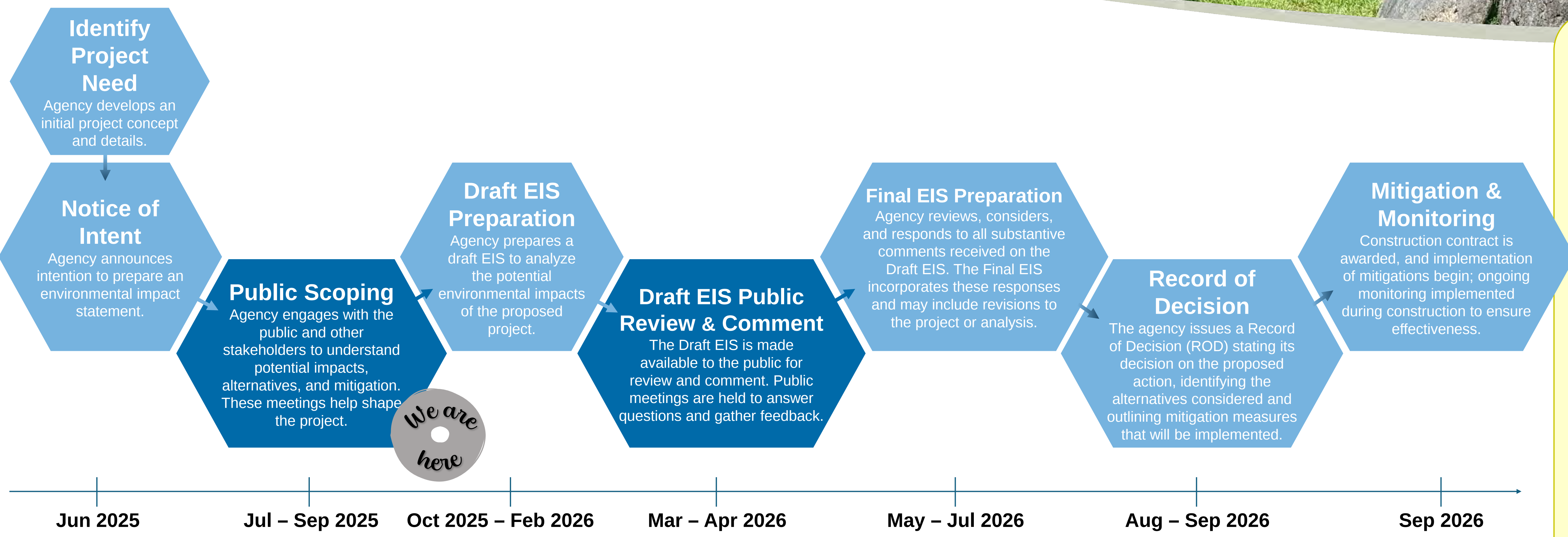
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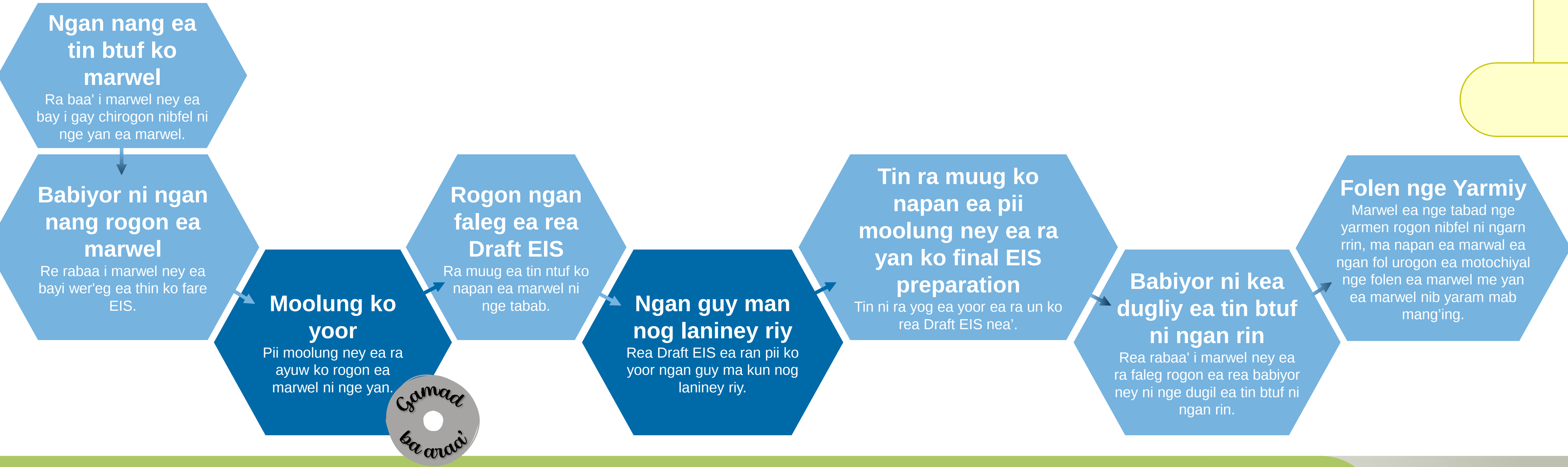


Environmental Process Rogone ayweg ea yafas u maday nga arow



What is an EIS?
An Environmental Impact Statement is a document that evaluates the potential impacts of a proposed project.

Mange raa EIS nea'?
Rea EIS nea' ea bangi babiyo ni ra ayuw ni ngan nang rogon ea marwel ni ngan tay man nang rogon ni ngan achig nage mogothgoth ni ngan tay ko napan ea pii marwel ney.



- Phases of public involvement. Bugaruy ea marwel ko yo'or u tabang.
- Phases of internal government document development. Bugaruy ea marwel ko am ni ngan faleg ea babiyo nge yaram.



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Proposed EIS Outline

Nen ni ngan rin ni ngan ayweg ea yafas u maday ngo arow

i. Executive Summary

1. Purpose and Need

1. Purpose
2. Need
3. Community Benefit

2. Proposed Action and Alternatives

1. Proposed Action
2. No-Action Alternative
3. Alternative 1 (Preferred Alternative)
4. Alternative 2
5. Alternatives Considered but Eliminated
6. Regulatory Framework and Permitting
7. Avoidance, Minimization Measures and Best Management Practices

3. Affected Environment and Consequences

1. Topography, Geology, and Soils
 1. Affected Environment
 1. Topography
 2. Visual Resources
 3. Geology
 4. Soils
 5. Erosion
 2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts
2. Land use
 1. Affected Environment
 1. Ownership
 2. Land use designations
 3. Nearby Residential, Commercial, or Traditional Use Areas
 2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

3. Biological Resources

1. Affected Environment
 1. Terrestrial Ecosystems and Native Species
 2. Marine Ecosystems
 3. Mangroves And Estuarine Zones
 4. Endangered, Threatened, or Culturally Significant Species
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

4. Cultural and Historic Resources

1. Affected Environment
 1. Archeological Sites
 2. Historic Sites and Landmarks
 3. Sacred or Religious Uses
 4. Traditional Uses or Customary Land Ownership Areas
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

5. Water Resources

1. Affected Environment
 1. Surface Water (Streams, Wetlands, Ocean, Lagoons)
 2. Groundwater Resources and Recharge Areas
 3. Flood Zones and Storm Surge Risk
 4. Baseline Water Quality
 5. Hydrological Patterns and Watercourse Changes
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

6. Noise

1. Affected Environment
 1. Existing Ambient Noise Conditions
 2. Sensitive Receptors
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

7. Transportation

1. Affected Environment
 1. Road Networks and Condition
 2. Marine or Air Access Points
 3. Existing Traffic Volumes and Patterns
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

8. Socioeconomics

1. Affected Environment
 1. Population demographics
 2. Employment and economic activity
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

9. Public Health and Safety

1. Affected Environment
 1. Health Indicators and Access to Services
 2. Subsistence or Traditional Livelihoods
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

10. Utilities and Infrastructure

1. Affected Environment
 1. Existing Electrical, Water, Wastewater, and Solid Waste Systems
 2. Communication Systems
 3. Potential Project Demands on Existing Infrastructure
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

11. Air Quality

1. Affected Environment
 1. Environmental
 2. Sources Of Emissions in the Project Area
 3. Prevailing Wind Patterns and Dispersion Characteristics
2. Environmental Consequences
 1. Analysis Method
 2. Avoidance, Minimization Measures and Best Management Practices
 3. Construction Impacts
 4. Operation Impacts

4. Summary of Effects and Mitigation Measures

5. Summary of Public Involvement and Scoping

6. List of Preparers and Contributors

7. References

8. Distribution List

1. U.S. Federal Stakeholders
2. Yap State Stakeholders
3. FSM National Stakeholders



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Biosecurity Rogon i ayweg ea yafas

Pre-border Procedures

Tin somon banem ni ngan rin ni ngan ayweg yafas u maday nge arow

- Cleanliness standards
Rogon nge par ea nam nib biech
- Treatment requirements
Fal ngin ea pinen nibe yib nga daken ea nam
- Inspections and certifications
Ngan pulweg nge dugil nra fal ko nam
- Additional inspections for cargo originating/transiting from Guam
Motochiyal ko chugum ni bea yib ubang nga daken ea nam



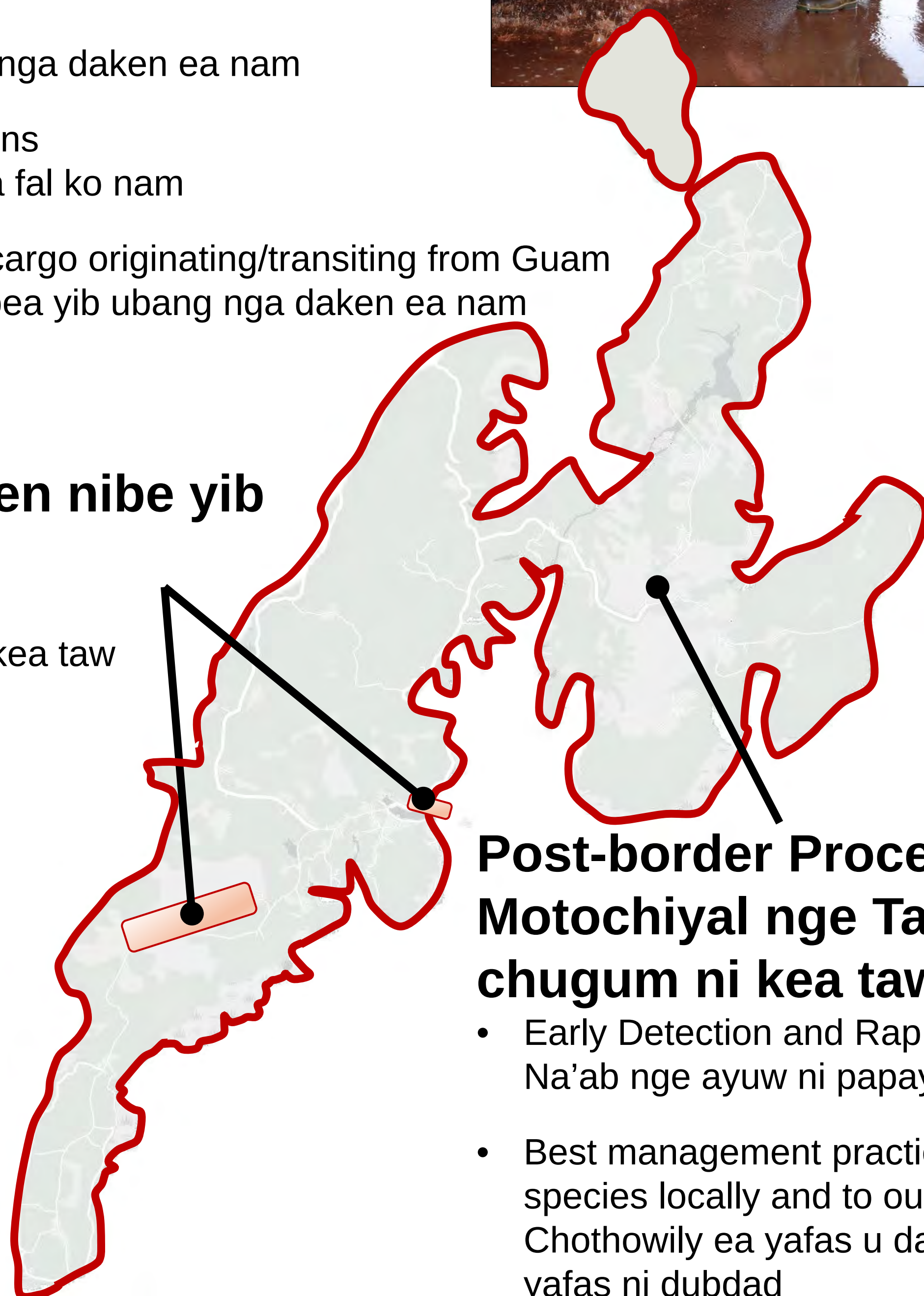
Potential Best Management Practices Wa'en nge rogon ea marwel

- Biosecurity Plans
Rogoni I ayweg ea yafas
- Environmental trainings for staff
Fan'ow ko yafas u maday nge arow ni fan ngakea chon ea marwel
- Vehicle washdowns
Thi ngan luknag gubin ea til'in ea marwel
- Inspections, monitoring, and reporting
Ngan damit nag ngan nang rogon ea marwel

Border Procedures

Motochiyal ko pii nen nibe yib nga daken ea nam

- Cargo inspections at ports
Tin ngan rrin ko pii nen ni kea taw nga daken ea nam



Post-border Procedures

Motochiyal nge Talin ea marwel ni fan ko chugum ni kea taw nga daken ea nam

- Early Detection and Rapid Response
Na'ab nge ayuw ni papay
- Best management practices to reduce the spread of invasive species locally and to outer islands
Chothowily ea yafas u daken ea nam mea lich ea garger nge yafas ni dubdad



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Natural Resources Falngin ea buut nge daey

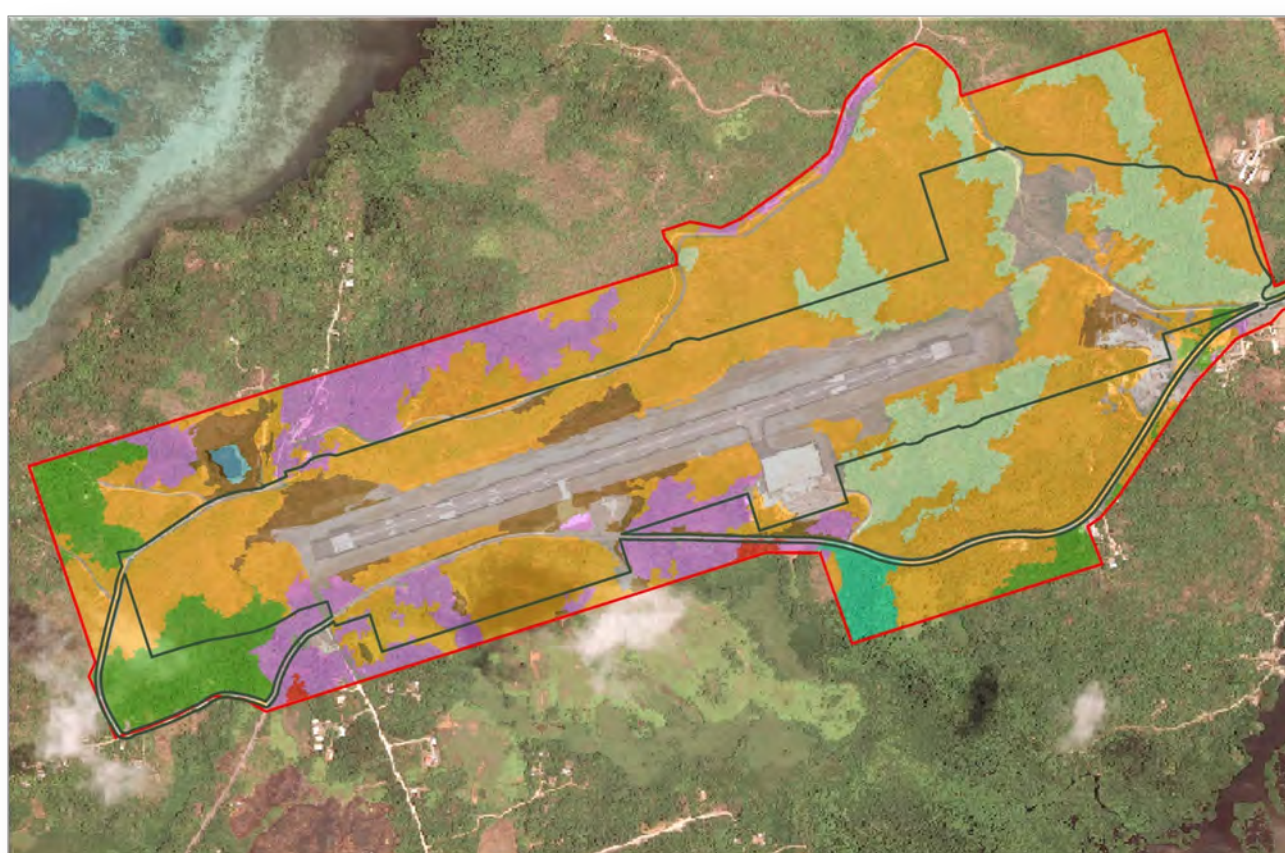


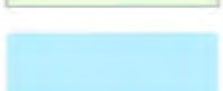
Potential Best Management Practices Wa'en nge rogon ea marwel

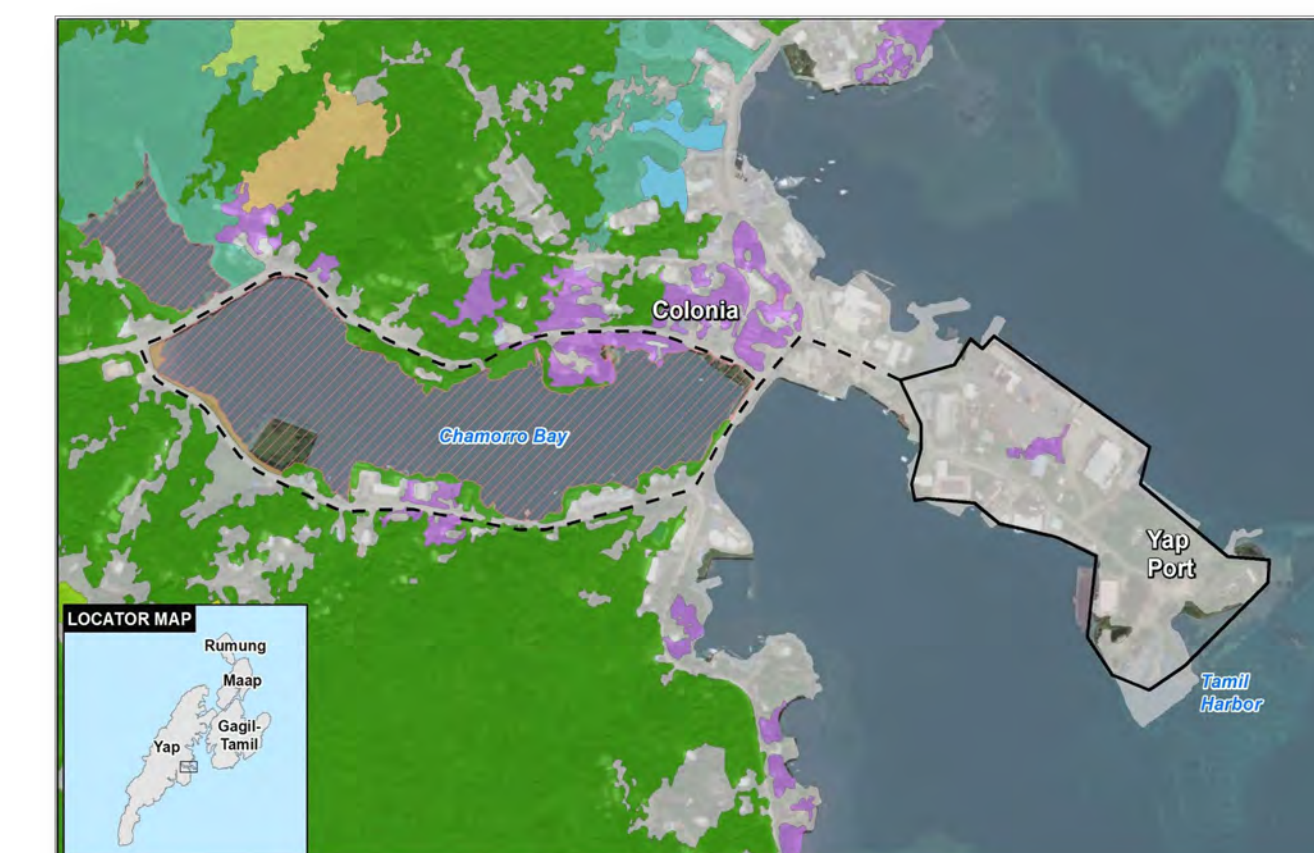
- Erosion Control such as sediment control logs, erosion control blankets, and detention ponds
Boch rogoni ayweg ea buut ni dabi yan ni wod ea chobog, ara yoror, ara wo'l ea ran
- Biological Monitors to protect birds, bats, and other species
- *Rogon boch ea marwel ni ngea ayweg ea yafas nge gamanman*



Vegetation and Land Cover Maps Fol ko woldug nge dakene binaw



	Project Area / Nginen ni ngan marweliy		Mangrove Forest / Malil
	Survey Area / Yungi nen ni ngan foleg u arow		Marsh / Mariw
	Chamorro Bay Linear Survey / Fol ni thingar taa' u kanawoo ko Chamorro Bay		Savanna or Shrub Grass / Flang
Vegetation Community/ Woldug u lan binaw			Urban Cultivated / Donguch
	Agroforest / Woldug nge garger		Urban Built-up / Mo'nog donguch
	Barren / Ted		Upland Forest / Laway
			Water / Raen



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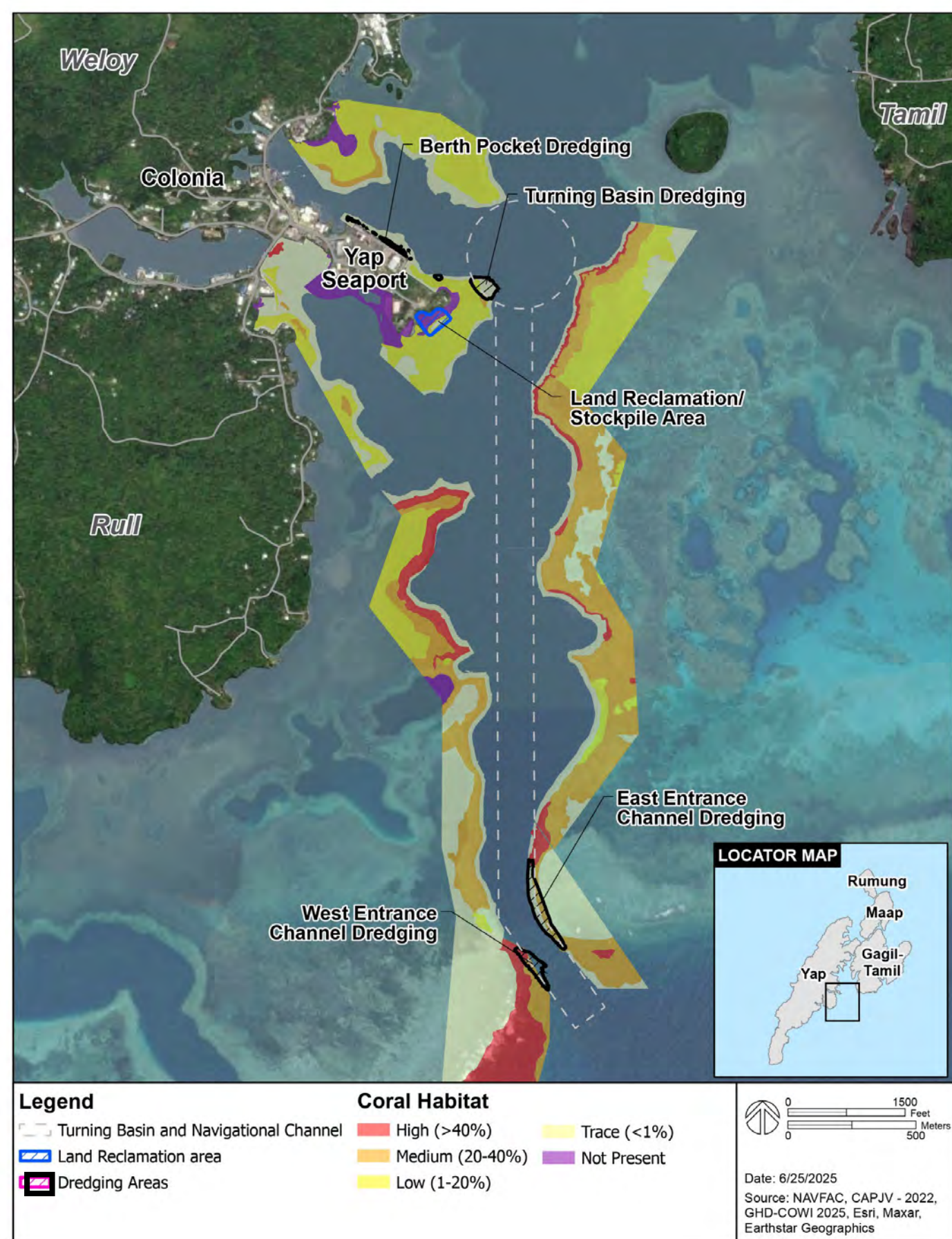
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Marine Resources Falngin ea daey

Coral Reefs and Fish Habitats Survey Results Lugoch nge yafas u maday



Coral Habitat Survey Results and
Proposed Dredging Areas (in black)



Coral within the Yap Port survey area



Seagrass within the Yap Port survey area



Coral within the east channel entrance survey area



Coral within the west channel entrance survey area

Traditional Fishing Grounds Tag'il ea fitaa



Photo by: Marc Nadon



Photo by: Marc Nadon

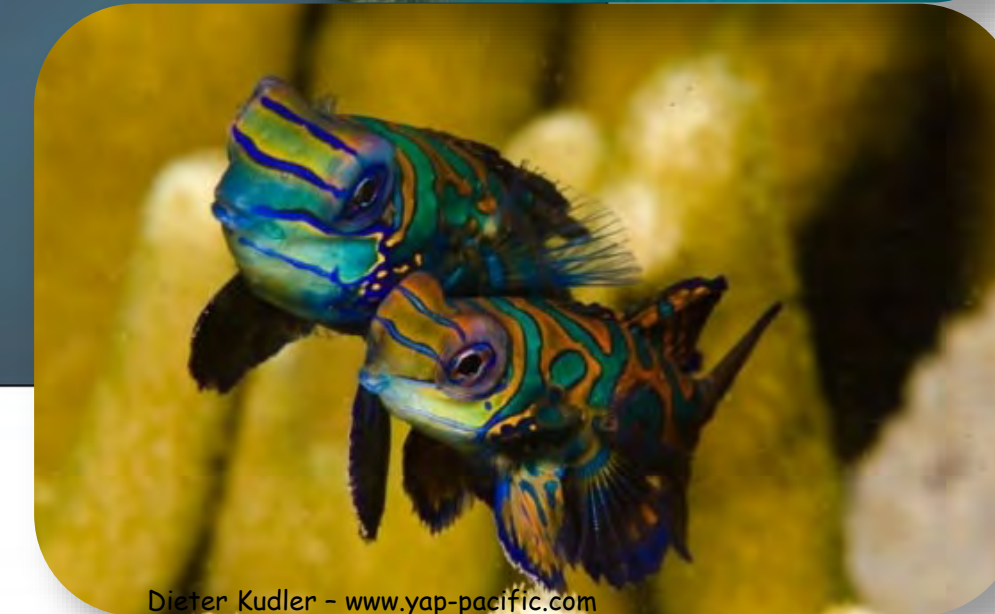
Potential Best Management Practices Kaboch ea marwal ni fal ni ngan rrin

- Silt Curtains
Yoror ko ae'r
- Turbidity Monitors
Ngan taleg ea ae'r
- Biological Monitors
Ngan lingeg ea ngi nen
niybe marwel rii ni fan ko
yafas
- Avoid coral and fish spawning
periods
Ngan gilaf u napan niybe
tutugul ea lugoch nge nig

Tourism and Dive Resources Sebaal u arow ngo maday



mages.com



Dieter Kudler - www.yap-pacific.com

Key Dives near Wuneday Channel



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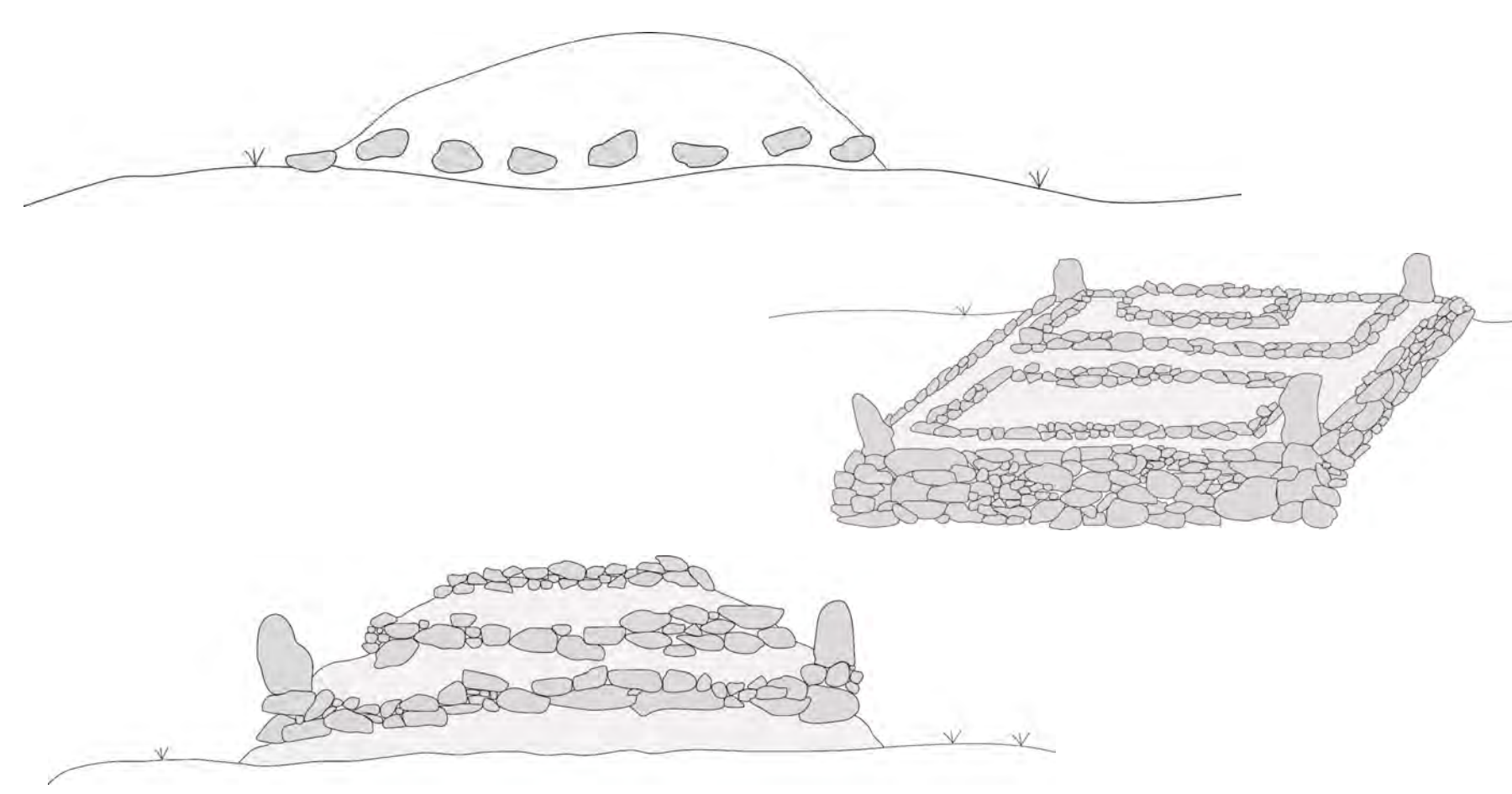
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Cultural Resources Falngin ea yalen nge par u waab

Sacred or Religious Uses Yungi nen nib tabgul



Archaeological Sites Taliw



Historic Sites and Landmarks Yung i nen niba chipin



Cultural Resource Surveys Fol'eg yungi nen ni baa' yalen



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