



Notes to Users

1. Please refer to the **Disclaimer** below.
2. Please review the associated project report before referring to the maps: Northwest Hydraulic Consultants Ltd. (NHC), 2023. 'Northwest Vancouver Island Tsunami Risk Assessment (Phase 2)'. Report prepared for Ocean Networks Canada. NHC project number 3006332.
3. Tsunami model results shown correspond to an earthquake with a magnitude of 9.0 from the Cascadia Subduction Zone. Please refer to the project report for additional information on tsunami source.
4. Initial water level for tsunami simulations consists of current-day Higher High Water Mean Tide (HHWMT) which at Winter Harbour and Gold River terminal correspond to an elevation of 1.5 m above the Canadian Geodetic Vertical Datum of 2013 (CGVD2013). HHWMT is defined as the average from all the higher high waters from 19 years of tidal predictions.
5. Spatially varying land subsidence and uplift associated to the Cascadia Subduction Zone earthquake has been applied by adjusting the underlying digital elevation model as per Natural Resources Canada information.
6. Inundation maps show the tsunami inundation as predicted by the numerical model as well as the tsunami inundation level for emergency planning which includes a safety factor. This safety factor was applied by increasing by 50% the vertical distance of the maximum water surface above a reference plane corresponding to HHWMT. Inundation levels mapped do not include any freeboard or any setback.
7. The accuracy of the inundation extents is limited by the accuracy of the available bathymetric and topographic data as well as uncertainties associated to the numerical modelling approach used. Please refer to the project report for a discussion on study limitations.
8. The accuracy of inundation mapping is limited by the accuracy of the available orthoimagery basemap. Horizontal shifts between mapping and the basemap vary approximately from 5 m up to 20 m. Please refer to the project report for a discussion on study limitations.
9. These maps provide results for one possible tsunami scenario with associated earthquake magnitude and subduction zone rupture mechanism. Tsunami hazards and associated effects can vary for different tsunami scenarios that may occur.
10. Inundation maps do not reflect all risks associated with a tsunami. Strong currents and debris mobilized from shorelines can be significant hazards.
11. Service roads and/or resource roads shown on these maps may be decommissioned and overgrown with vegetation inhibiting their use. The status of such roads should be reviewed as part of evacuation planning. These maps may not show all roads and pathways which may be considered for evacuation planning.
12. The influence stream flow may have on the propagation and inundation of tsunamis in rivers and creeks was not included in the numerical model.

Data Sources and References

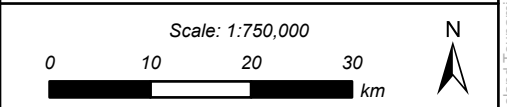
1. Topographic basemaps from Esri Canada, Natural Resources Canada, and Esri Canadian Community Maps contributors.
2. Imagery basemaps from Esri and Maxar.
3. First Nation administrative boundaries based on GeoBC data with adjustments by NHC and should be considered as approximate only.
4. Road locations and classification based on GeoBC Digital Roads Atlas with adjustments by NHC and should be considered approximate only.
5. Ferry route, municipal boundary, and regional district boundary data from GeoBC

Disclaimer

These maps have been prepared by **Northwest Hydraulic Consultants Ltd.** for the benefit of **Ocean Networks Canada Society and The Lake Family's All One Fund** for specific application to the **Northwest Vancouver Island Tsunami Risk Assessment Phase II** project undertaken to support emergency planning in Nootka Sound and Quatsino Sound, British Columbia. The information and data contained herein represent **Northwest Hydraulic Consultants Ltd.**'s best professional judgement in light of the knowledge and information available to **Northwest Hydraulic Consultants Ltd.** at the time of preparation and was prepared in accordance with generally accepted engineering and geoscience practices. Except as required by law, these maps and the information and data contained herein are for the information of **Ocean Networks Canada Society and The Lake Family's All One Fund**, their officers, and employees. **Northwest Hydraulic Consultants Ltd.** denies any liability whatsoever to other parties who may obtain access to these maps for any injury, loss, or damage suffered by such parties arising from their use of or reliance upon these maps or any of their contents.



- 1:5,000 INUNDATION MAP SHEET
- REGIONAL DISTRICT BOUNDARY
- FERRY ROUTE

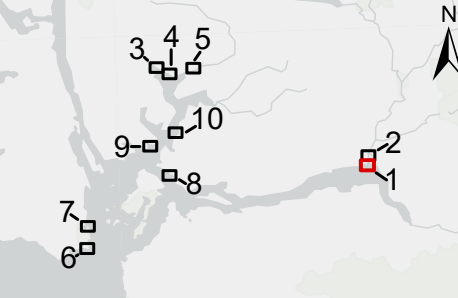
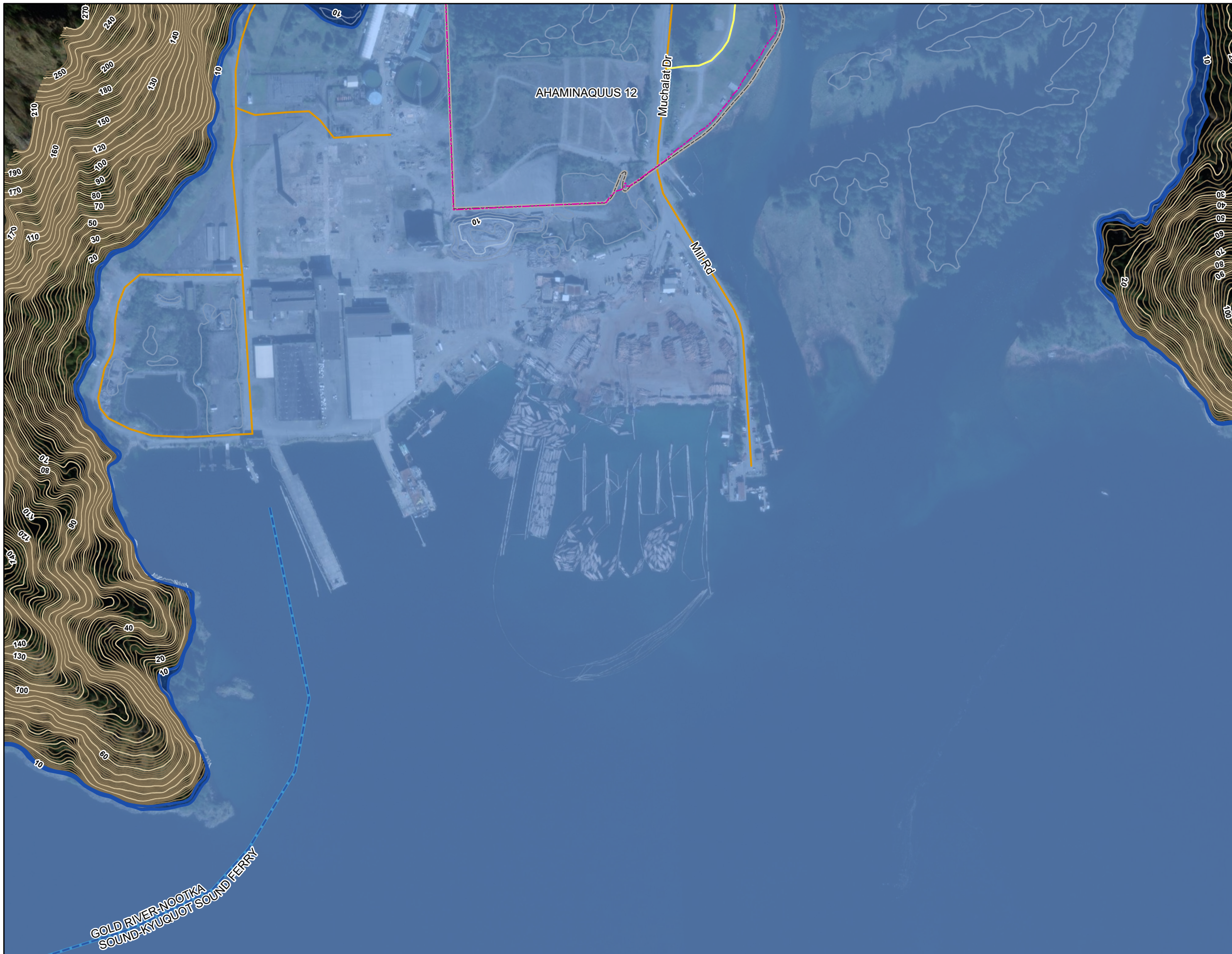


Coordinate System: NAD 1983 CSRS UTM ZONE 9N
Units: METRES

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

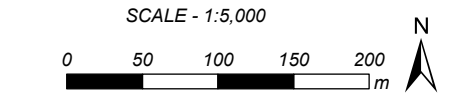
**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI
MAP INDEX & NOTES**



- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
- UNPAVED ROAD
- PEDESTRIAN WALKWAY / TRAIL
- FERRY ROUTE
- FIRST NATION ADMINISTRATIVE BOUNDARY
- MUNICIPAL BOUNDARY
- PROVINCIAL PARK

REFER TO INDEX MAP FOR COMPLETE NOTES. A SAFETY FACTOR WAS APPLIED TO OBTAIN THE TSUNAMI INUNDATION LEVEL FOR EMERGENCY PLANNING. EFFECTS OF CLIMATE CHANGE-INDUCED SEA LEVEL RISE NOT INCLUDED. OVERWATER HAZARDS SUCH AS STRONG CURRENT VELOCITY NOT SHOWN ON THE INUNDATION MAPS.



Coordinate System: NAD 1983 CSRS UTM ZONE 9N
Units: METRES; Vertical Datum: CGVD2013

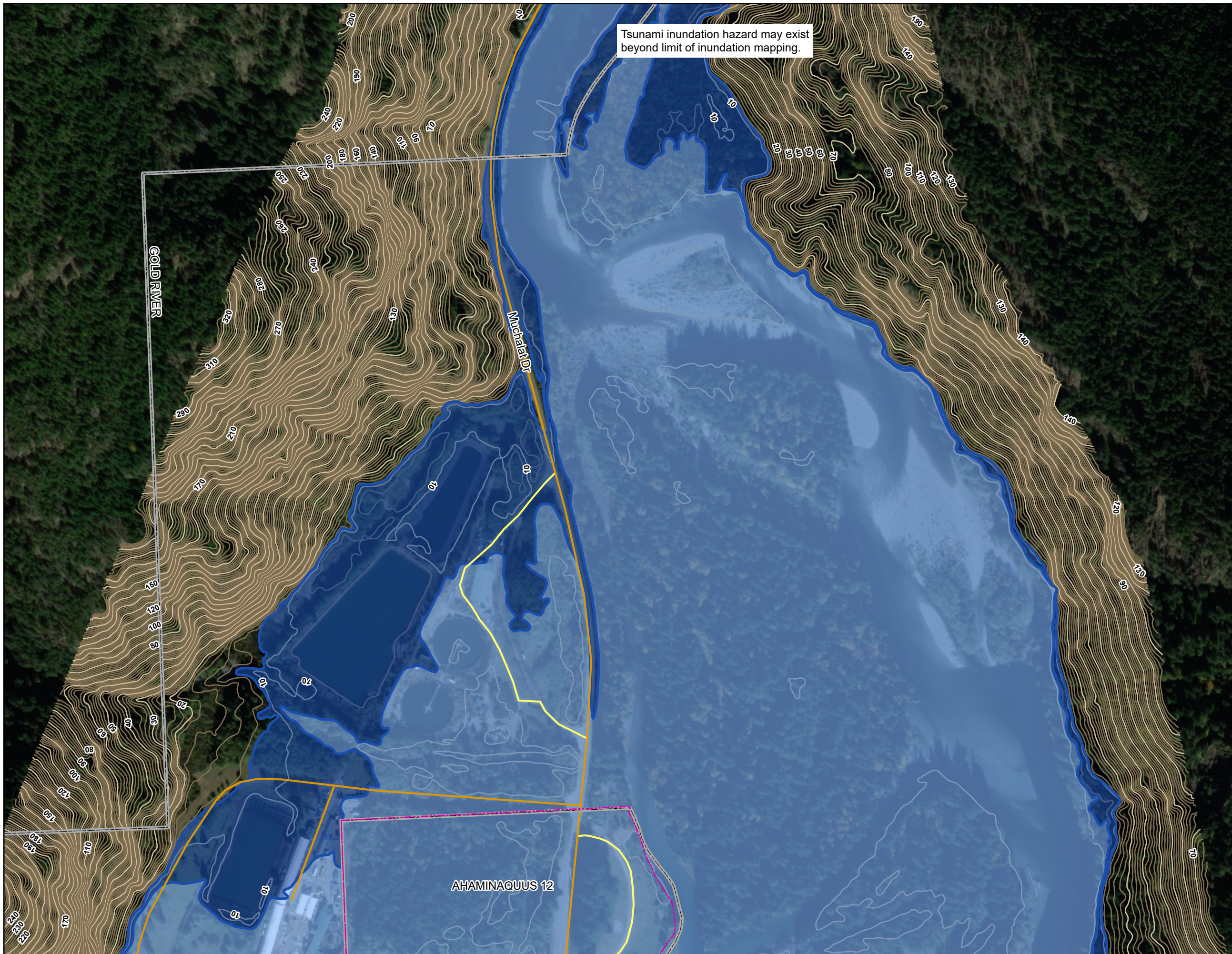
Engineer	PSG	GIS	SWM	Reviewer	GFL
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Job Number	3006332	Date	11-MAY-2023
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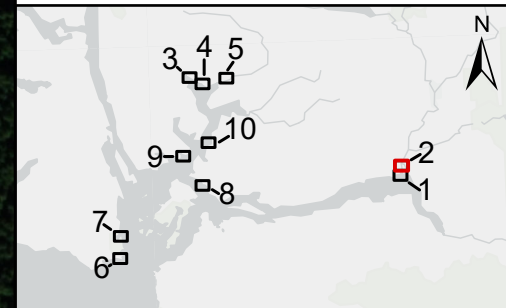
**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**GOLD RIVER WATERFRONT
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \\mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx

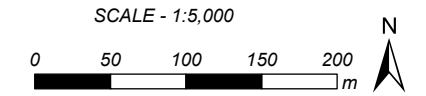


Tsunami inundation hazard may exist beyond limit of inundation mapping.



- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
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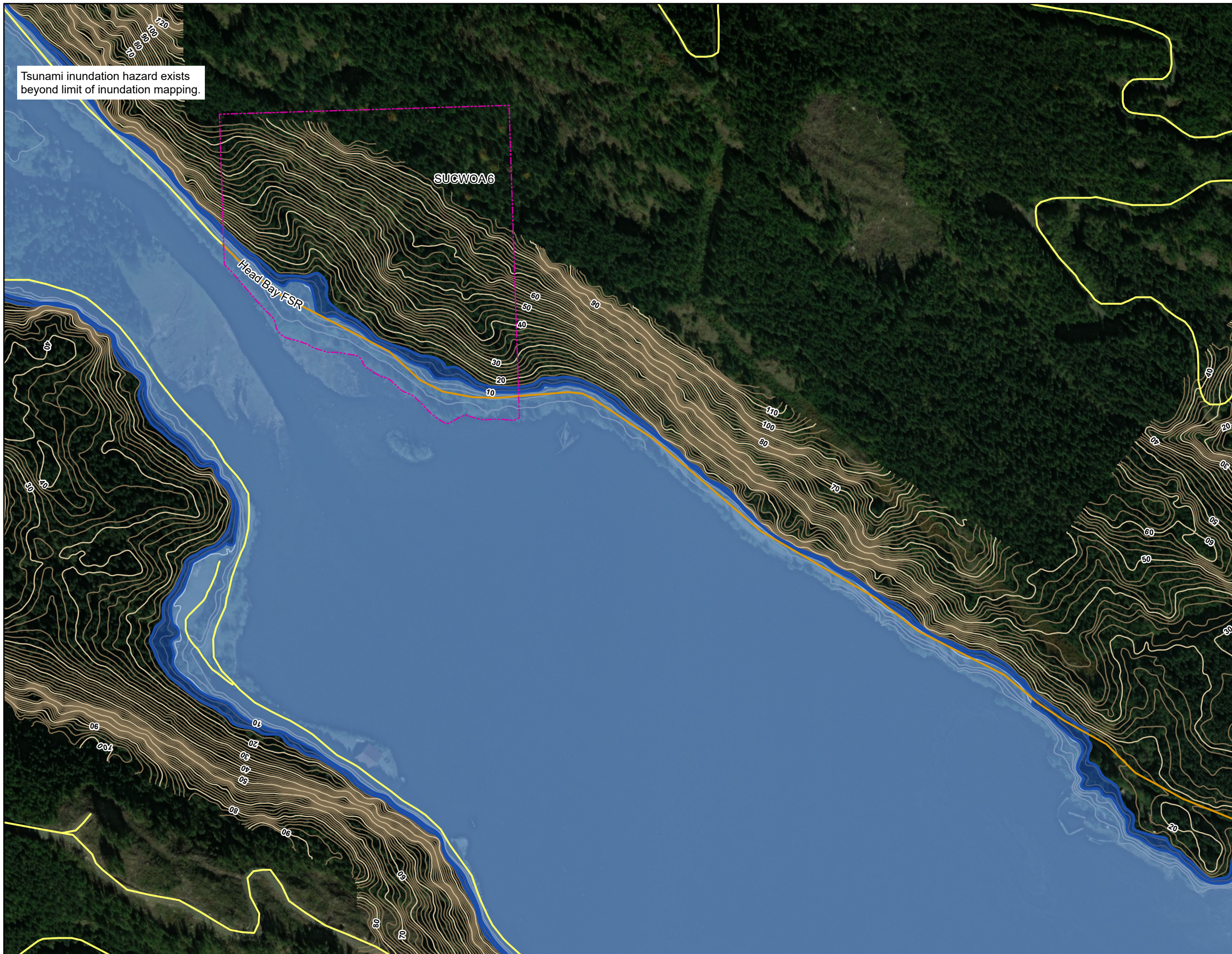
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Job Number	3006332		Date	11-MAY-2023	

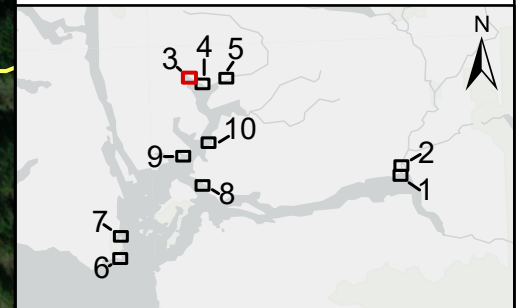
**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**GOLD RIVER HWY
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \\mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx

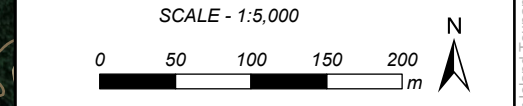


Tsunami inundation hazard exists beyond limit of inundation mapping.



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Coordinate System: NAD 1983 CSRS UTM ZONE 9N
Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

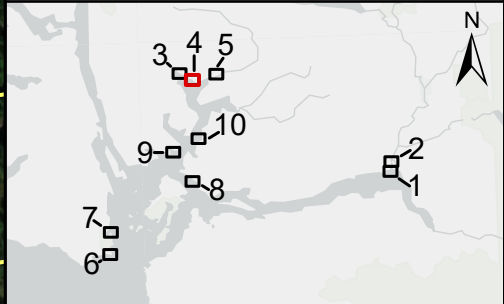
**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**HEAD BAY
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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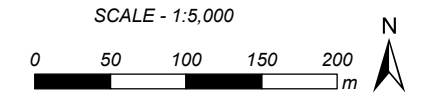
Tsunami inundation hazard exists beyond limit of inundation mapping.

Topographic data not available for this islet. Inundation mapping not feasible although islet shown as inundated for safety.



- INUNDATION EXTENTS WITH SAFETY FACTOR
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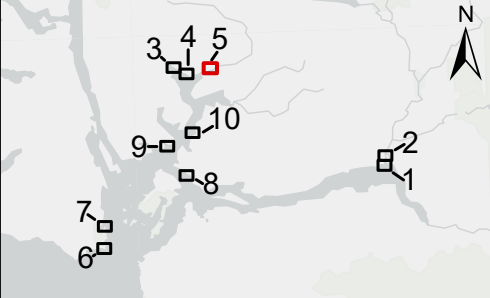
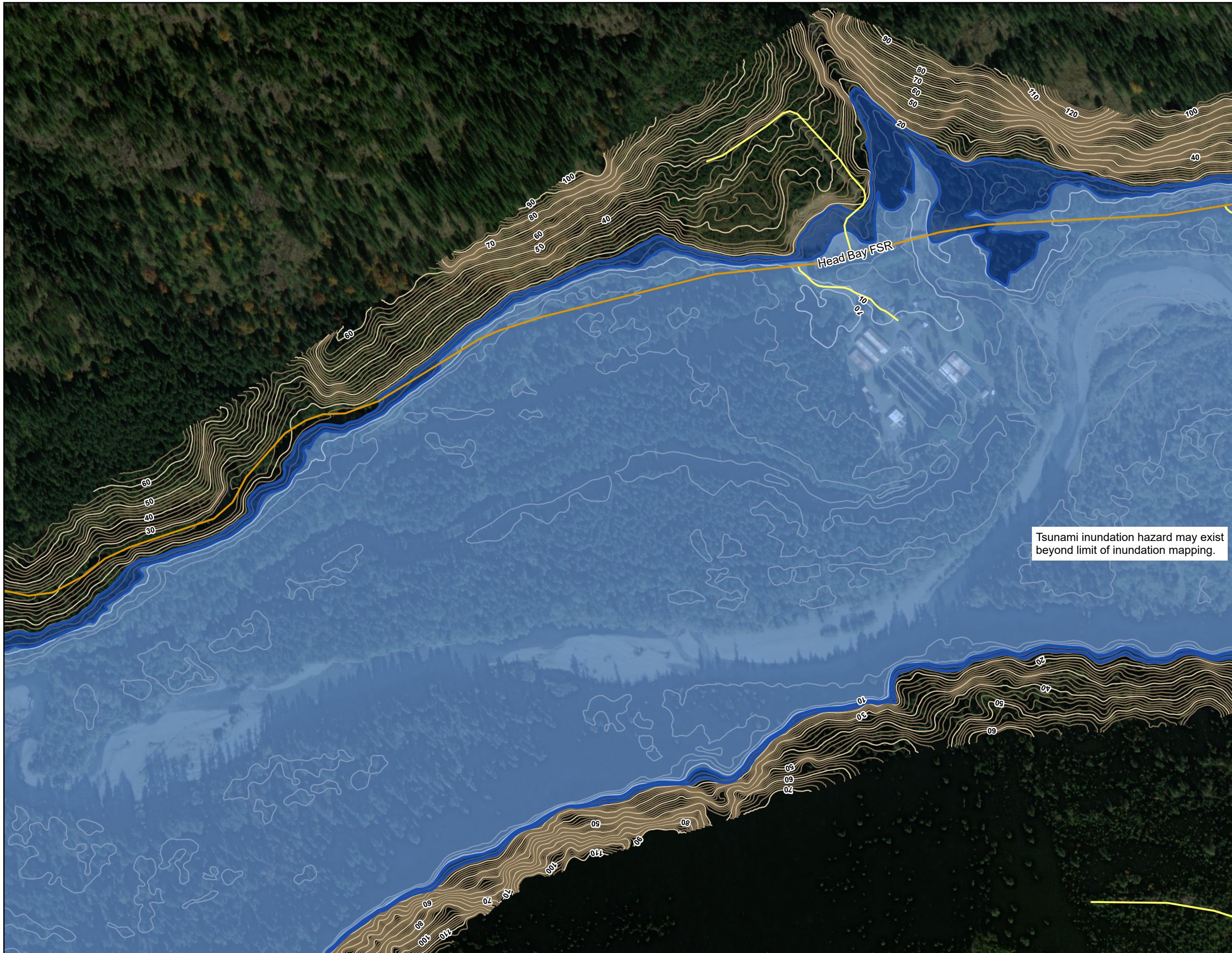
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Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**CANTON CREEK
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

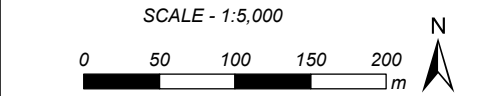
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- INUNDATION EXTENTS WITH SAFETY FACTOR
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Tsunami inundation hazard may exist beyond limit of inundation mapping.

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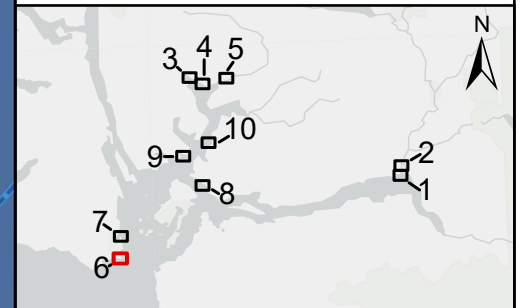
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NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT

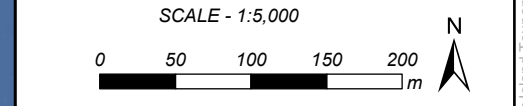
CONUMA RIVER
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI

SWM: \mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx



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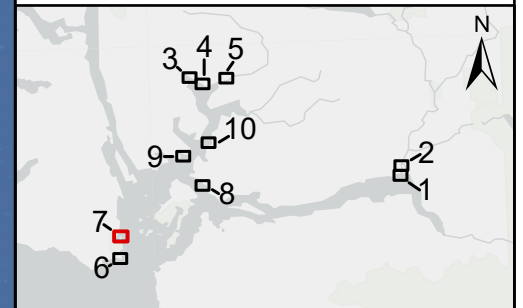
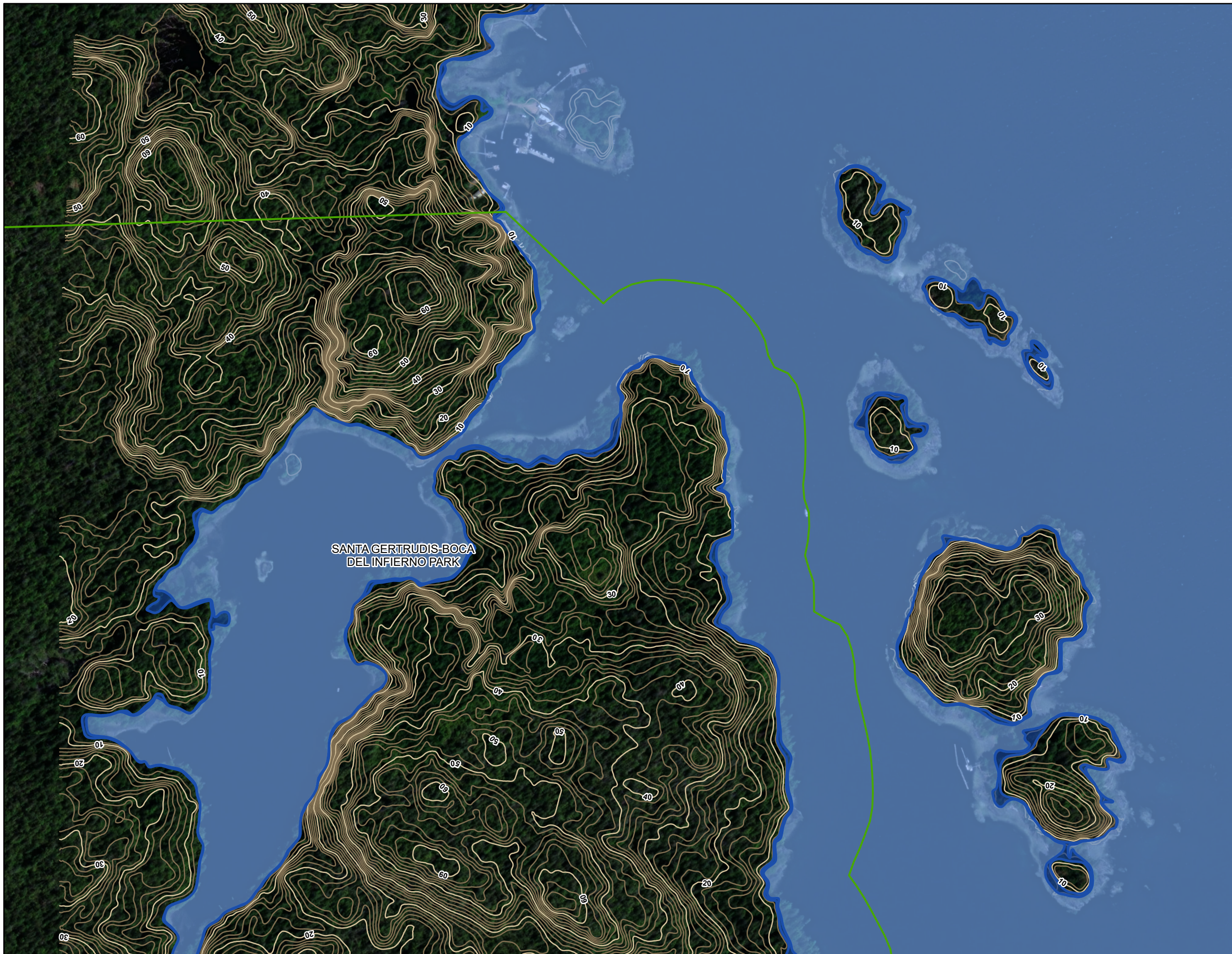
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

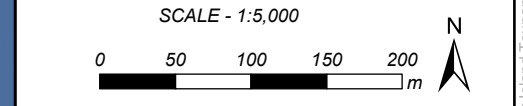
**YUQUOT
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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Coordinate System: NAD 1983 CSRS UTM ZONE 9N
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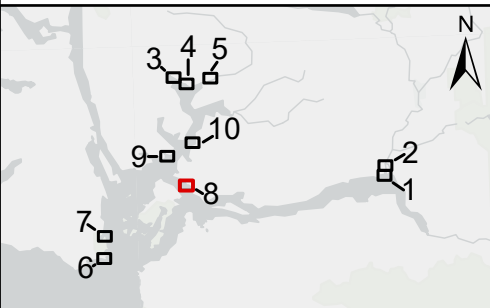
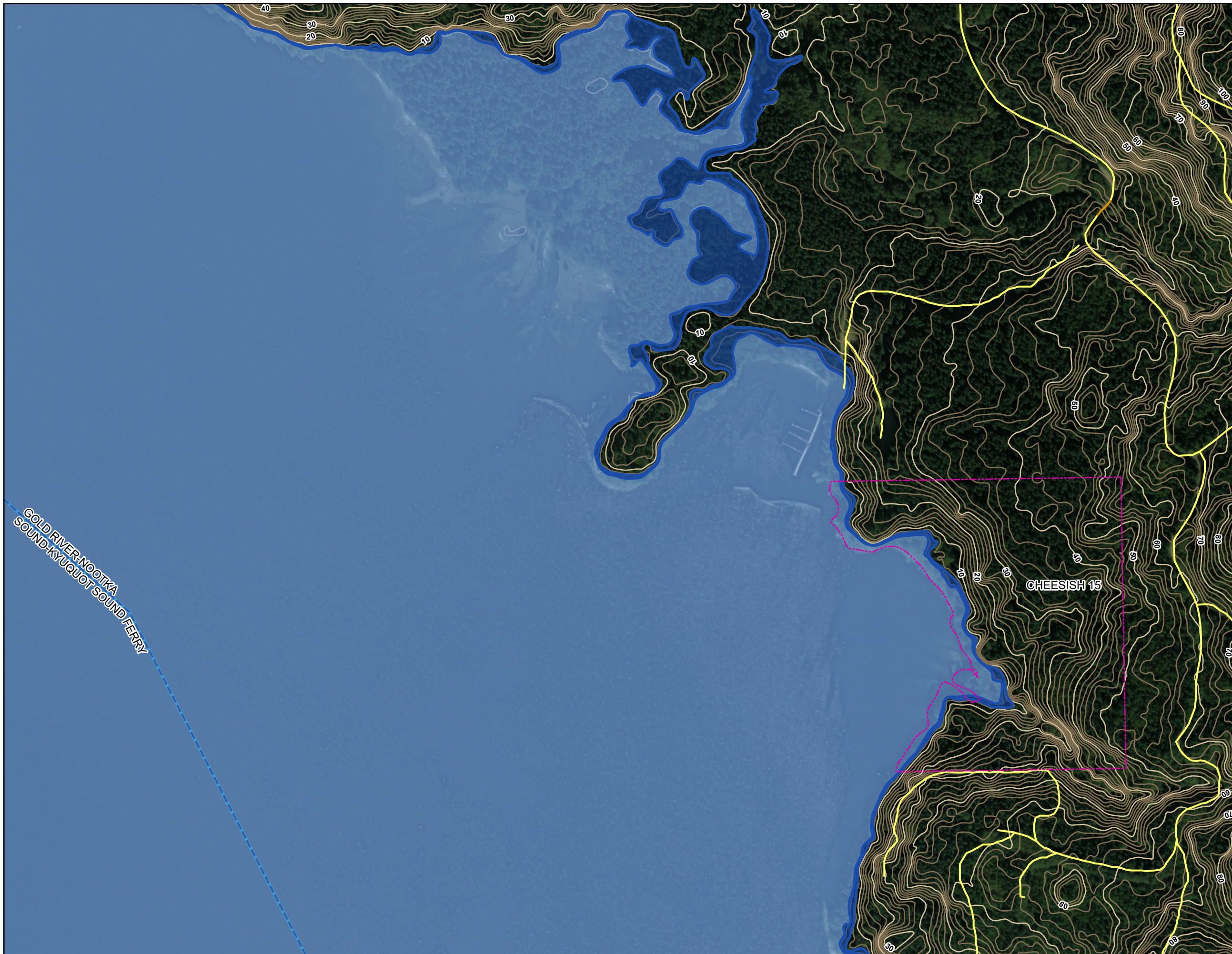
Engineer	PSG	GIS	SWM	Reviewer	GFL
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**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

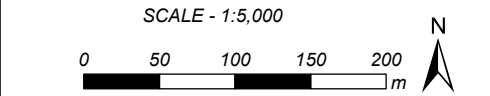
**MCKAY PASSAGE
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_inundation\mapping_1.aprx



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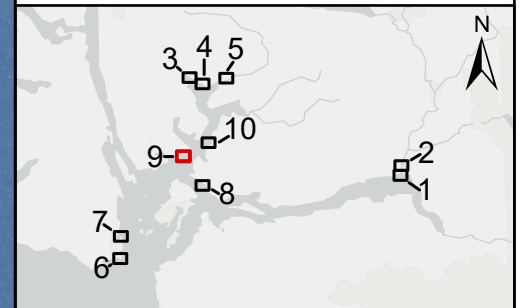
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

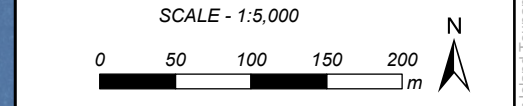
**CHEESISH
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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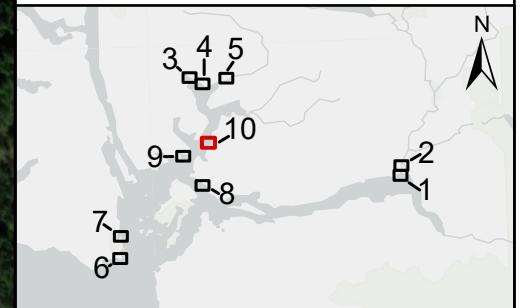
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NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT

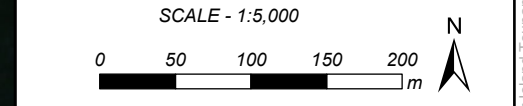
CRITTER COVE
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI

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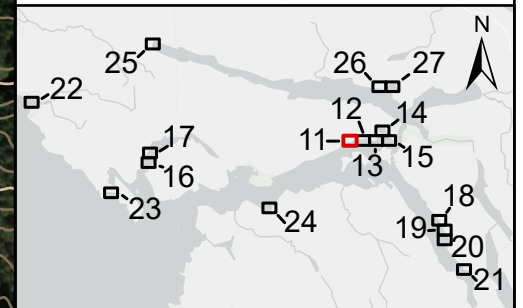
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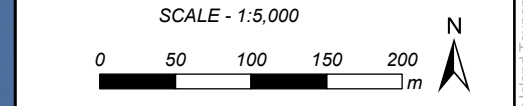
**COUGAR CREEK
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
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labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
- UNPAVED ROAD
- PEDESTRIAN WALKWAY / TRAIL
- FERRY ROUTE
- FIRST NATION ADMINISTRATIVE BOUNDARY
- MUNICIPAL BOUNDARY
- PROVINCIAL PARK

REFER TO INDEX MAP FOR COMPLETE NOTES. A SAFETY FACTOR WAS APPLIED TO OBTAIN THE TSUNAMI INUNDATION LEVEL FOR EMERGENCY PLANNING. EFFECTS OF CLIMATE CHANGE-INDUCED SEA LEVEL RISE NOT INCLUDED. OVERWATER HAZARDS SUCH AS STRONG CURRENT VELOCITY NOT SHOWN ON THE INUNDATION MAPS.



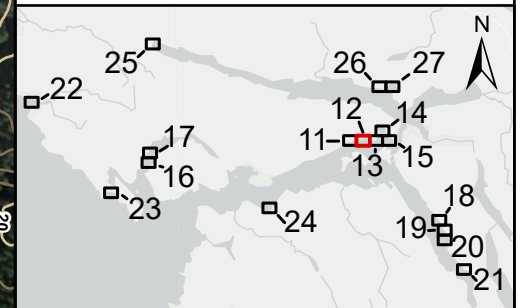
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Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

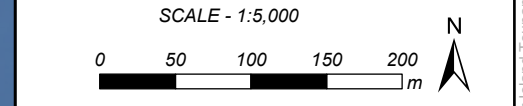
**QUATSINO WEST
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
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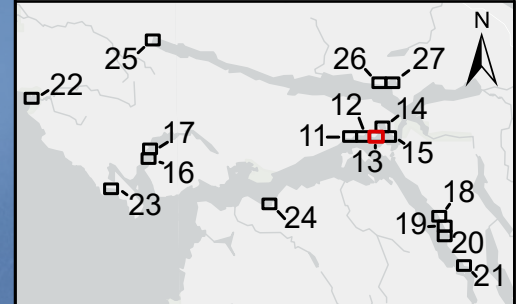
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

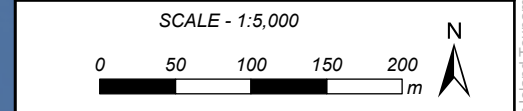
**QUATSINO CENTRE
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
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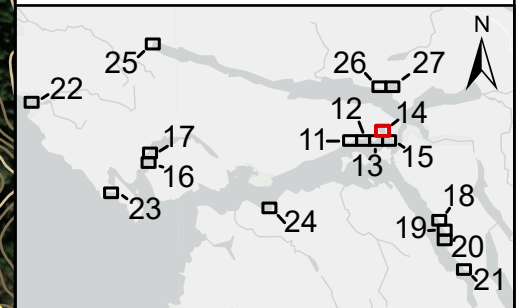
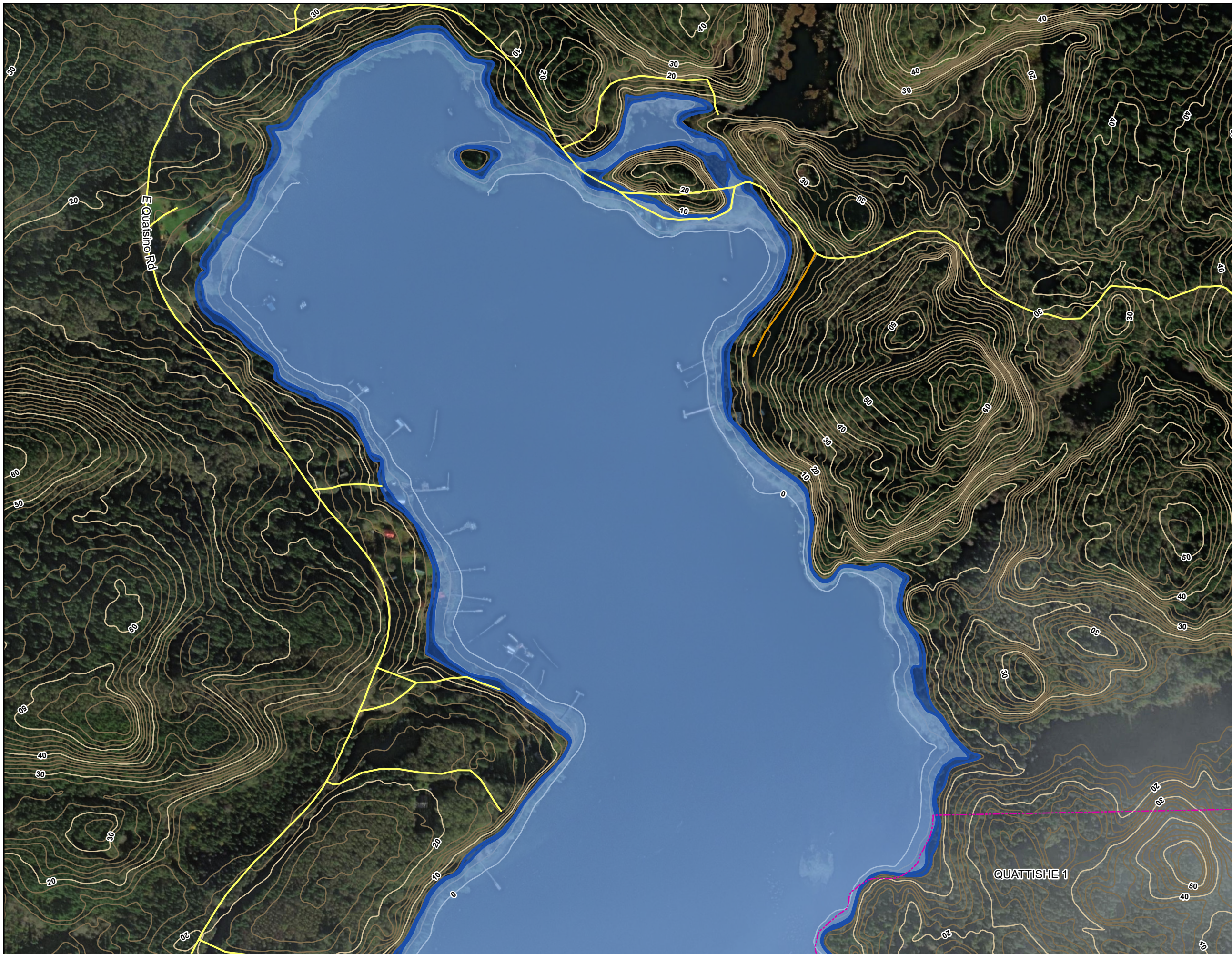
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Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

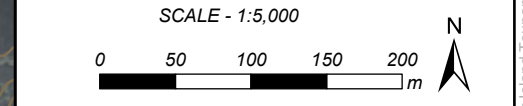
**QUATSINO EAST
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
- UNPAVED ROAD
- PEDESTRIAN WALKWAY / TRAIL
- FERRY ROUTE
- FIRST NATION ADMINISTRATIVE BOUNDARY
- MUNICIPAL BOUNDARY
- PROVINCIAL PARK

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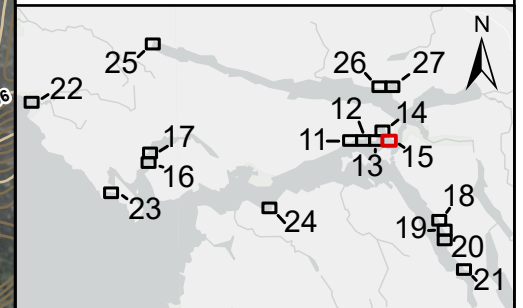
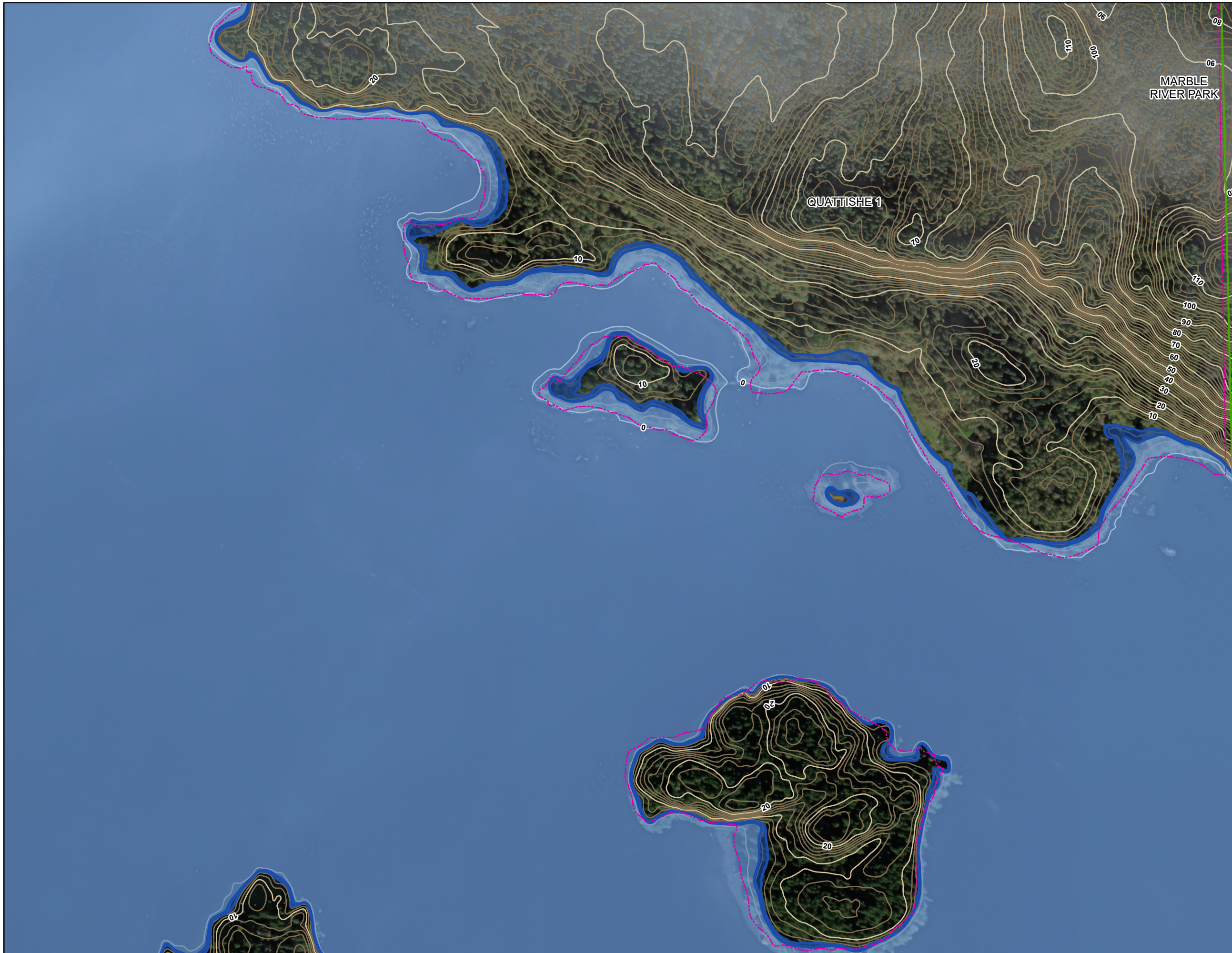
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Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332			Date	11-MAY-2023

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

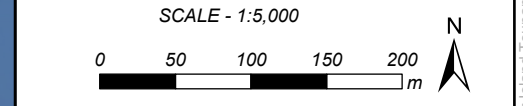
**HECATE COVE
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \\mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx



- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
- UNPAVED ROAD
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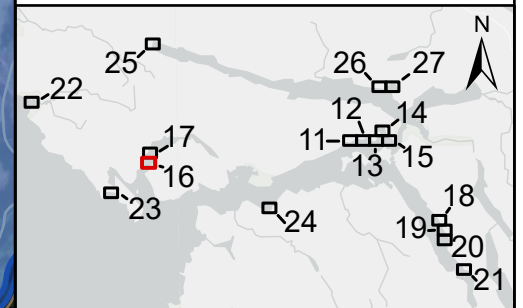
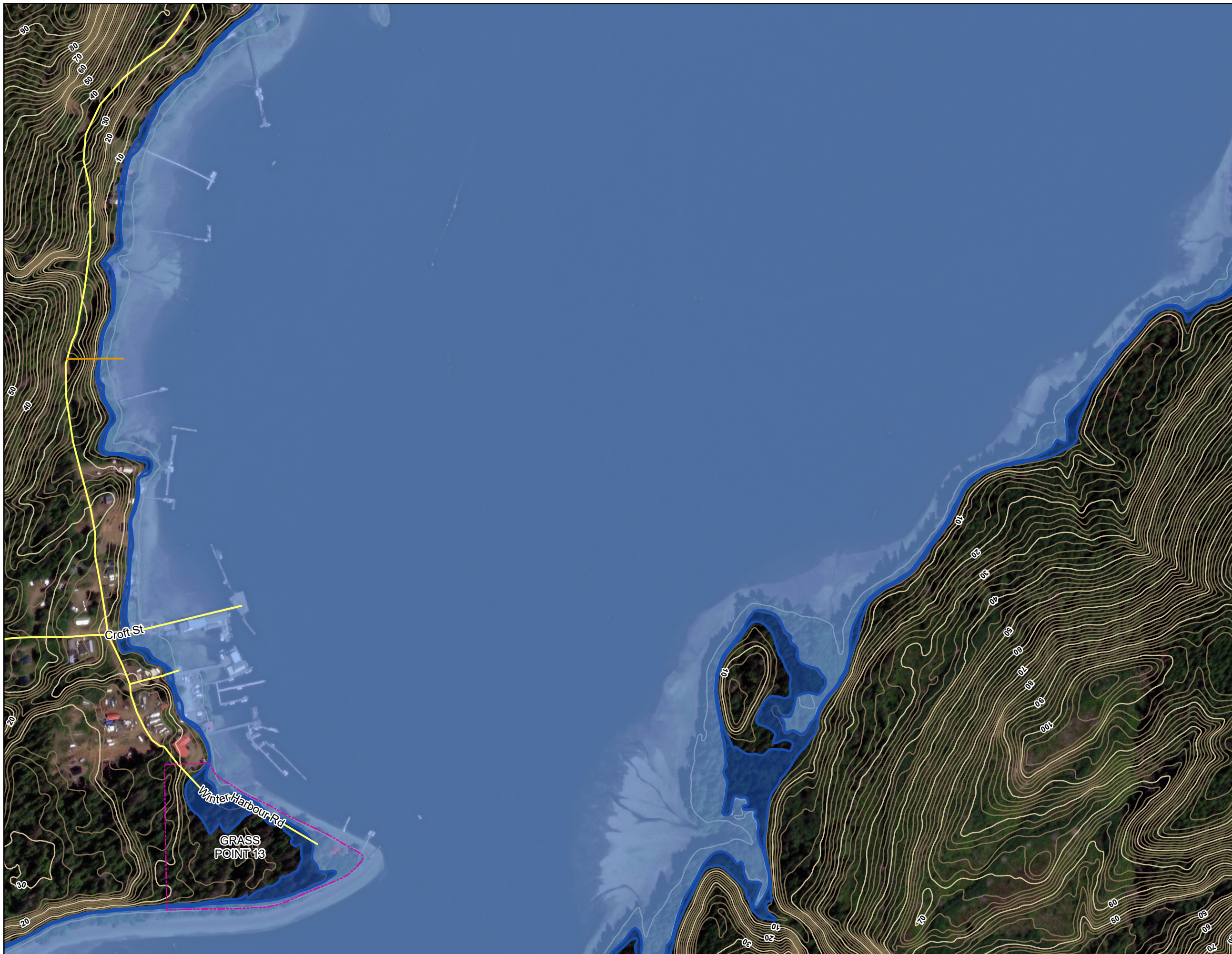
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Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

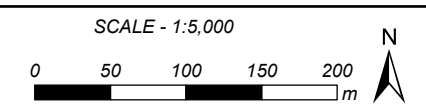
**QUATTISHE
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
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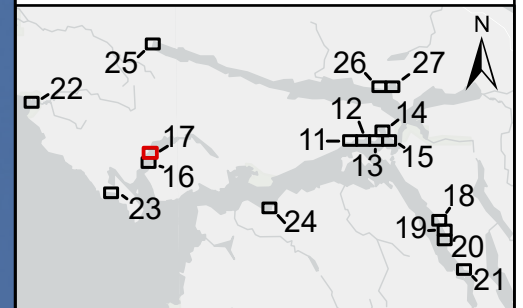
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Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

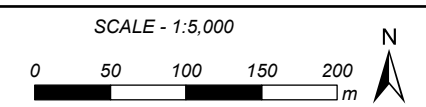
**WINTER HARBOUR SOUTH
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \\mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx



- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
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- PEDESTRIAN WALKWAY / TRAIL
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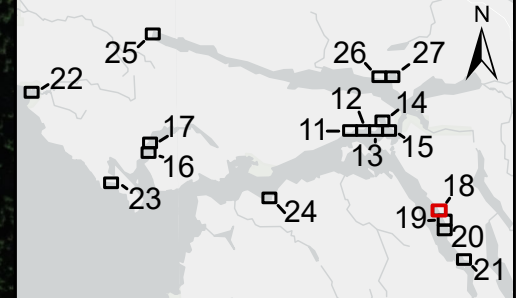
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

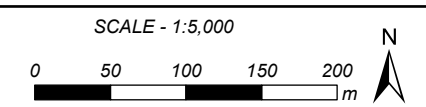
**WINTER HARBOUR NORTH
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
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- PAVED ROAD
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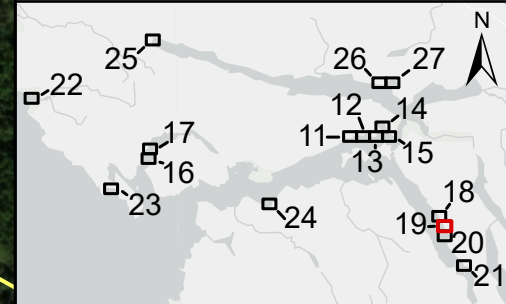
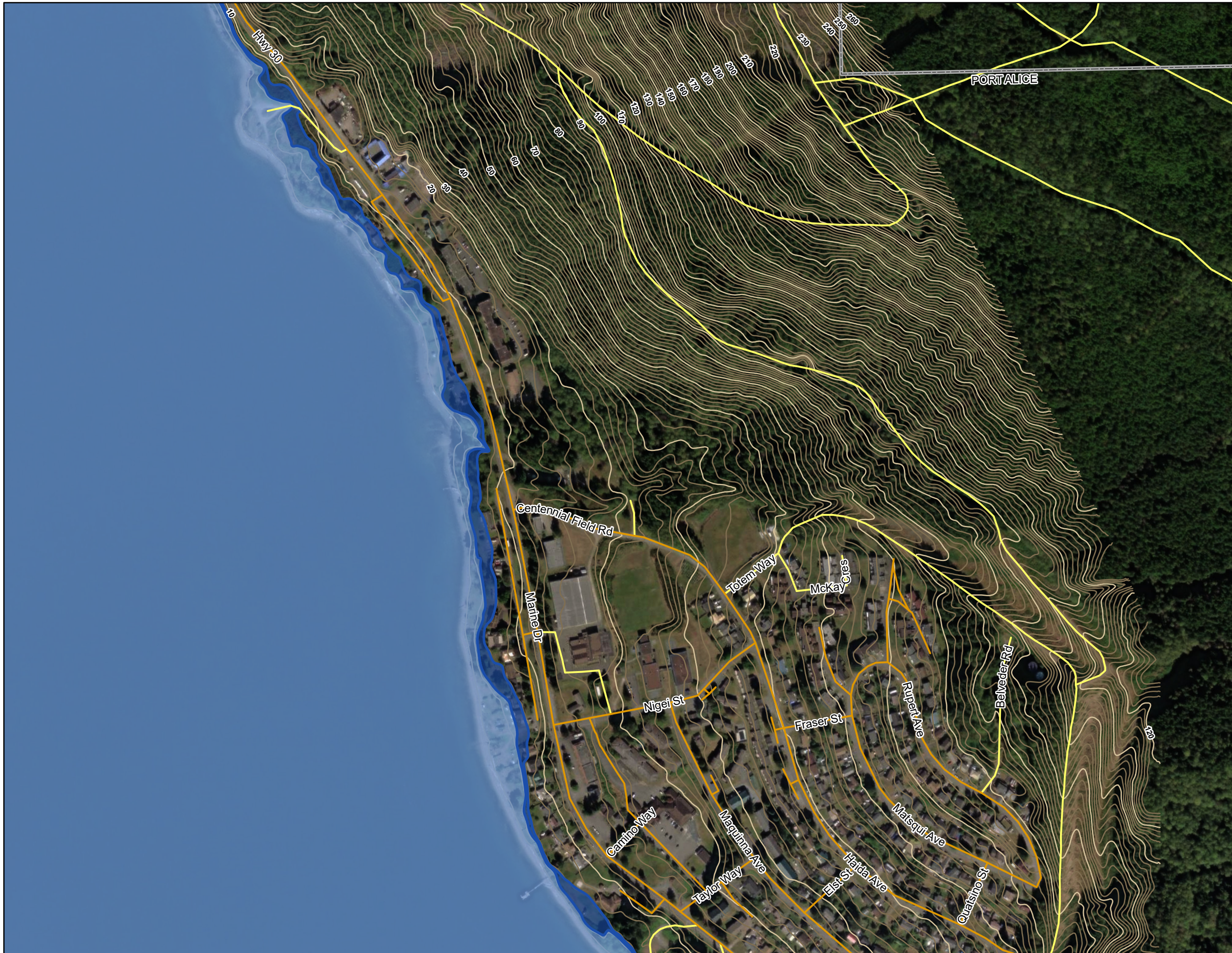
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

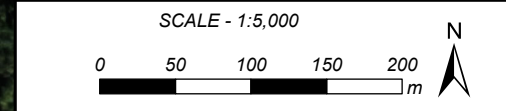
**JEUNE LANDING
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
- UNPAVED ROAD
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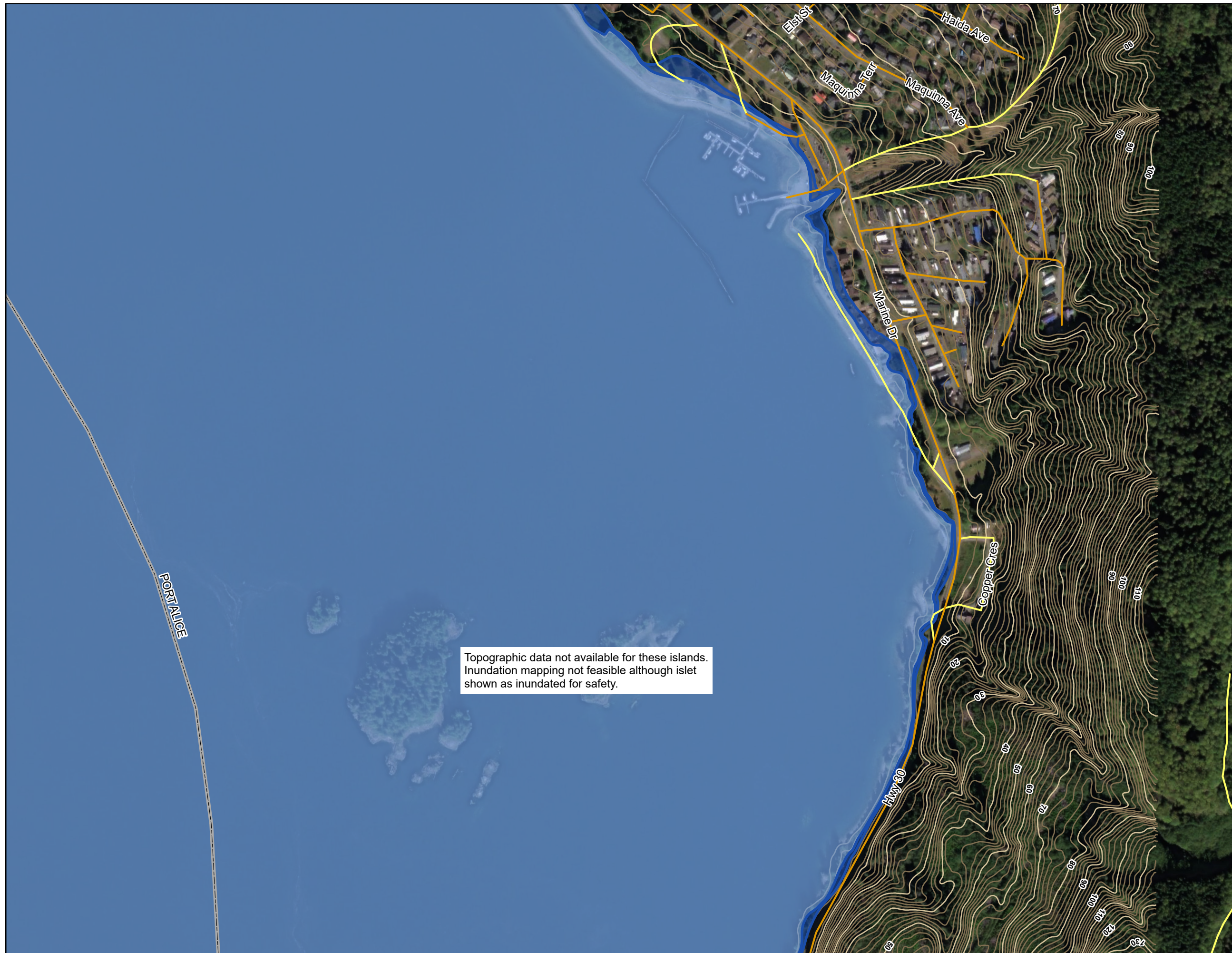
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

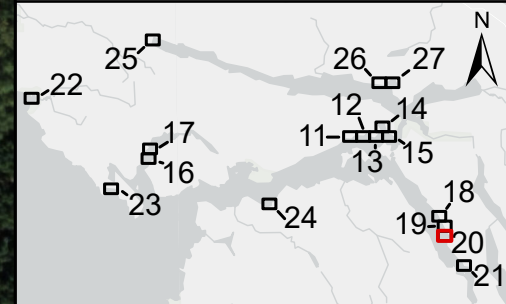
**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**PORT ALICE
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \\mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx

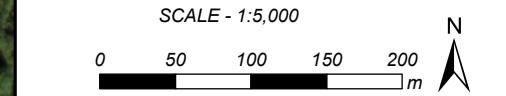


Topographic data not available for these islands. Inundation mapping not feasible although islet shown as inundated for safety.



- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
- UNPAVED ROAD
- PEDESTRIAN WALKWAY / TRAIL
- FERRY ROUTE
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- MUNICIPAL BOUNDARY
- PROVINCIAL PARK

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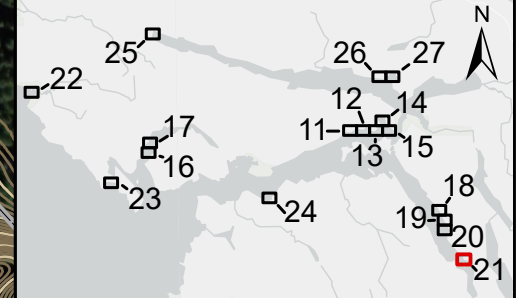
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Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

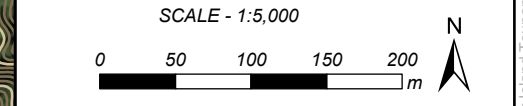
**RUMBLE BEACH
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \\mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx



- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
- UNPAVED ROAD
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- MUNICIPAL BOUNDARY
- PROVINCIAL PARK

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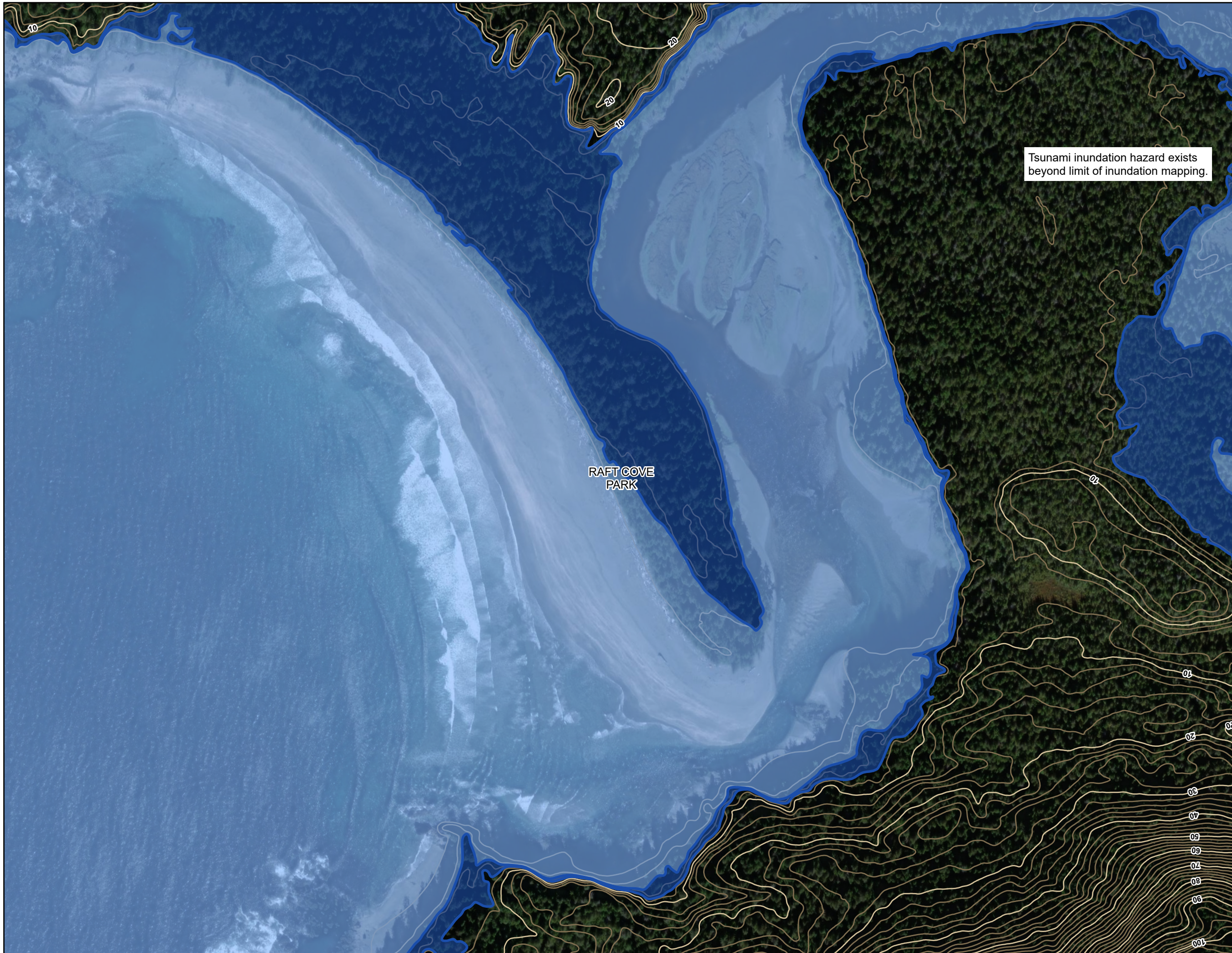
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

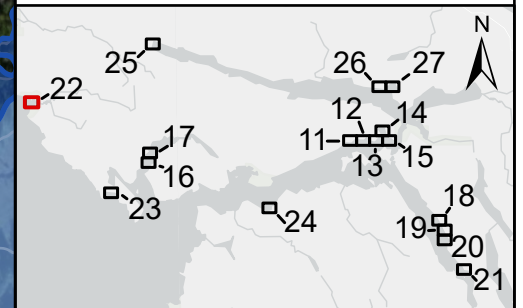
**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**PORT ALICE TERMINAL
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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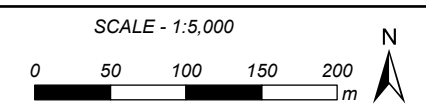


Tsunami inundation hazard exists beyond limit of inundation mapping.



- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
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- PROVINCIAL PARK

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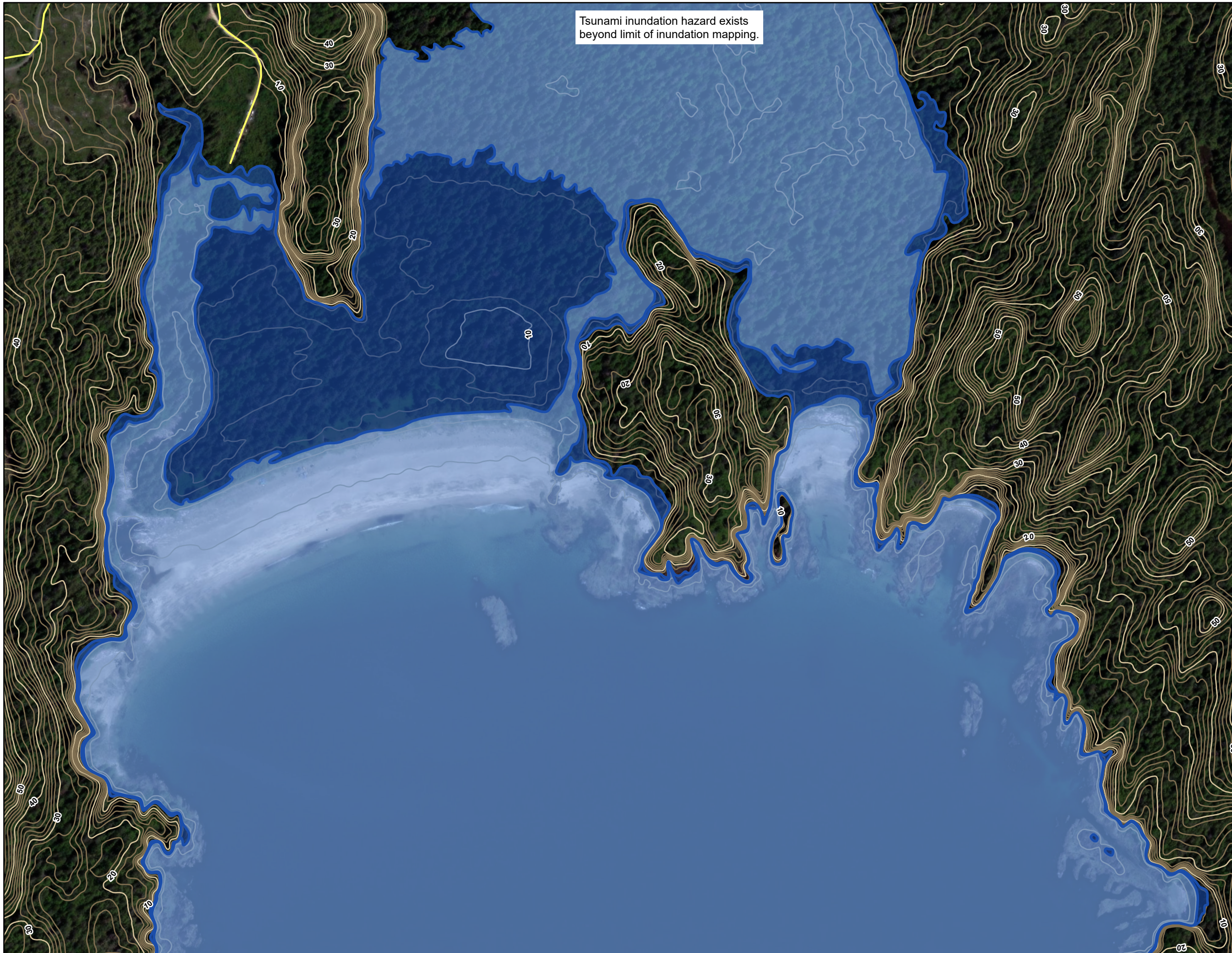
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

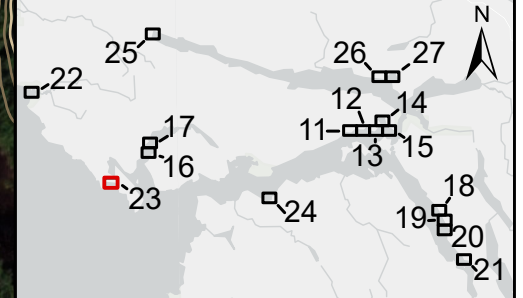
NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT

RAFT COVE
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI

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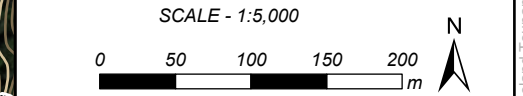


Tsunami inundation hazard exists beyond limit of inundation mapping.



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- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
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- PROVINCIAL PARK

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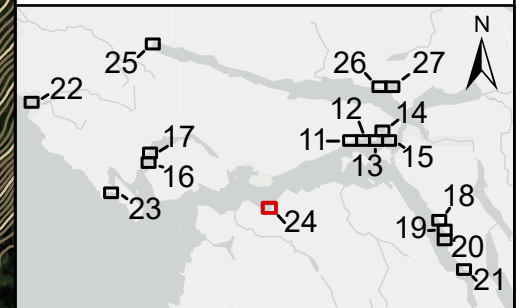
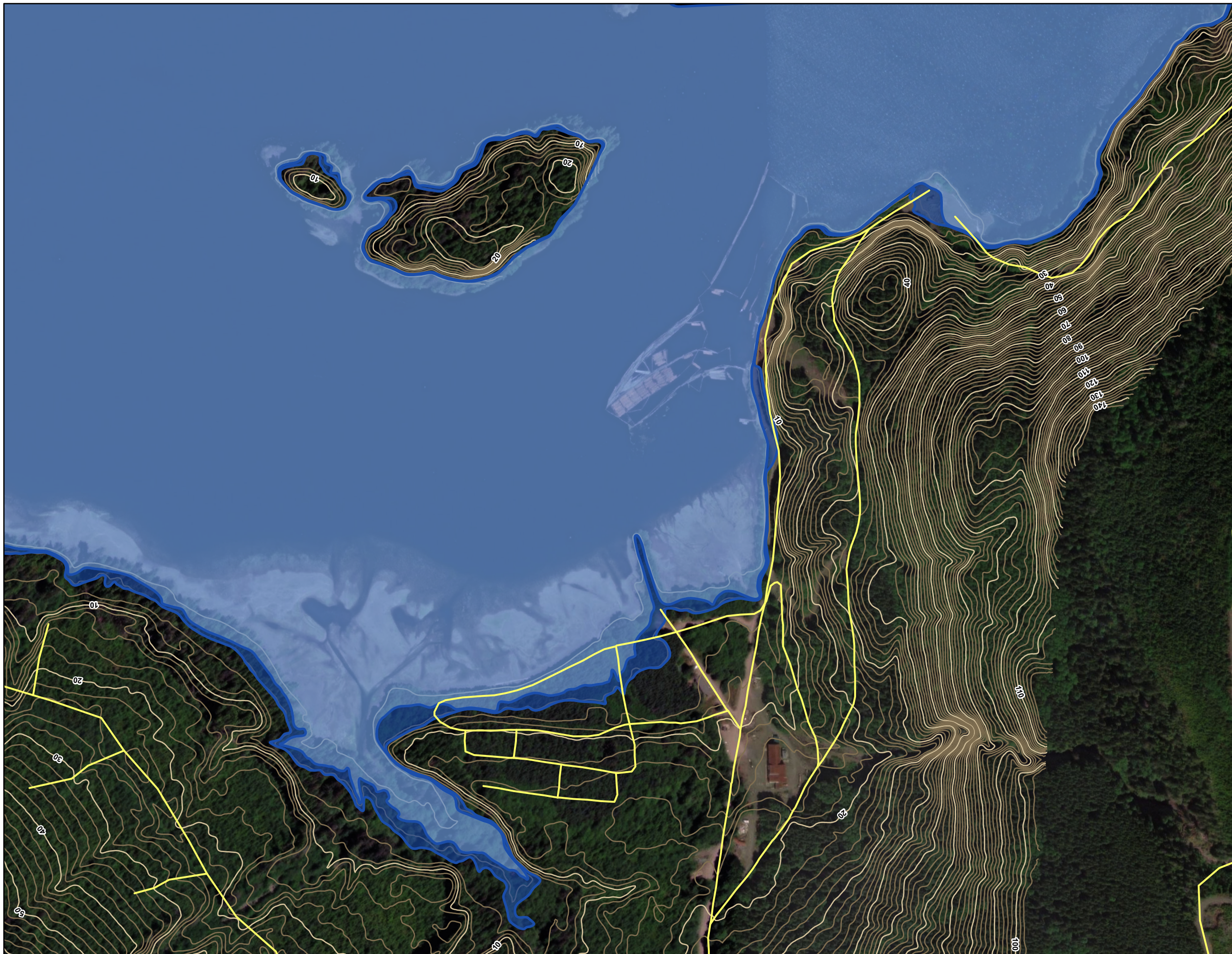
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Units: METRES; Vertical Datum: CGVD2013

Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

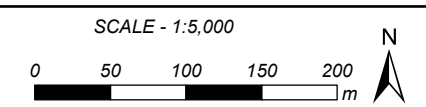
**GRANT BAY
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx



- INUNDATION EXTENTS WITH SAFETY FACTOR
- INUNDATION EXTENTS WITH OUT SAFETY FACTOR
- MAJOR CONTOUR AT 10 m INTERVAL
labelled with elevation in metres
- MINOR CONTOUR AT 2 m INTERVAL
- PAVED ROAD
- UNPAVED ROAD
- PEDESTRIAN WALKWAY / TRAIL
- FERRY ROUTE
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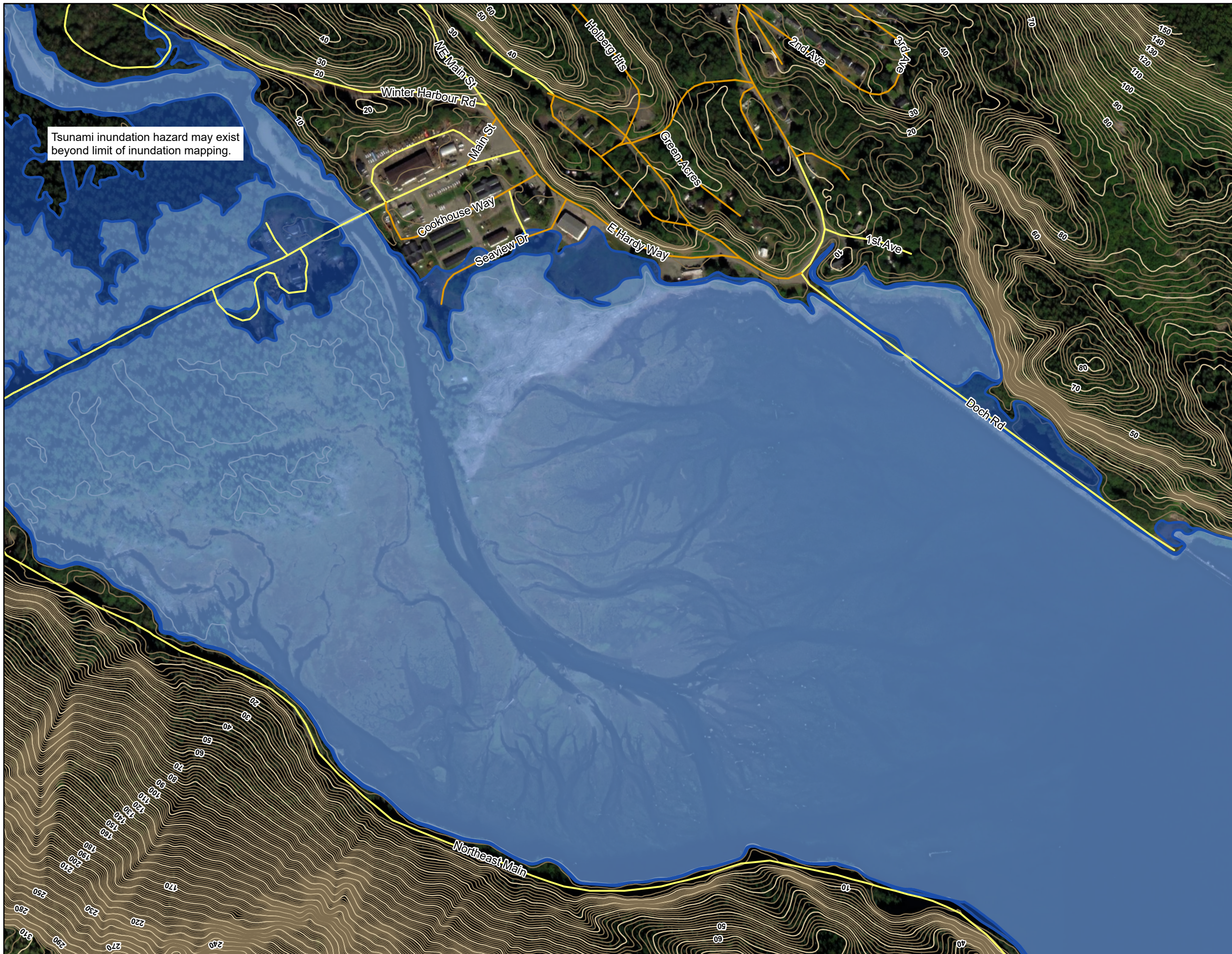
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

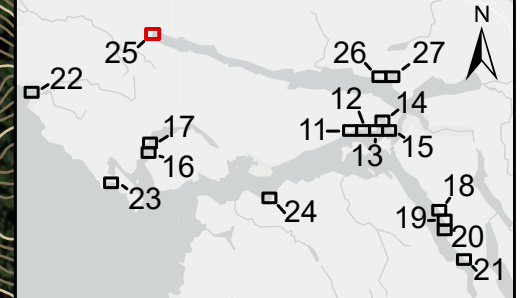
**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**MAHATTA RIVER
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \\mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx

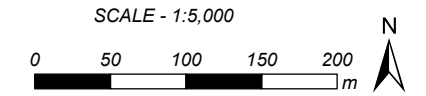


Tsunami inundation hazard may exist beyond limit of inundation mapping.



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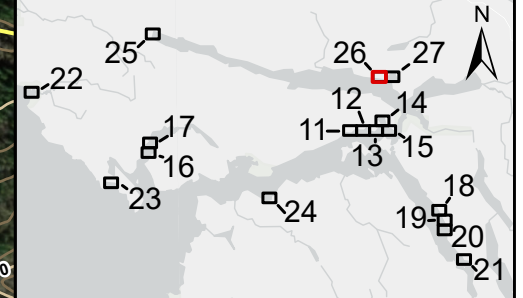
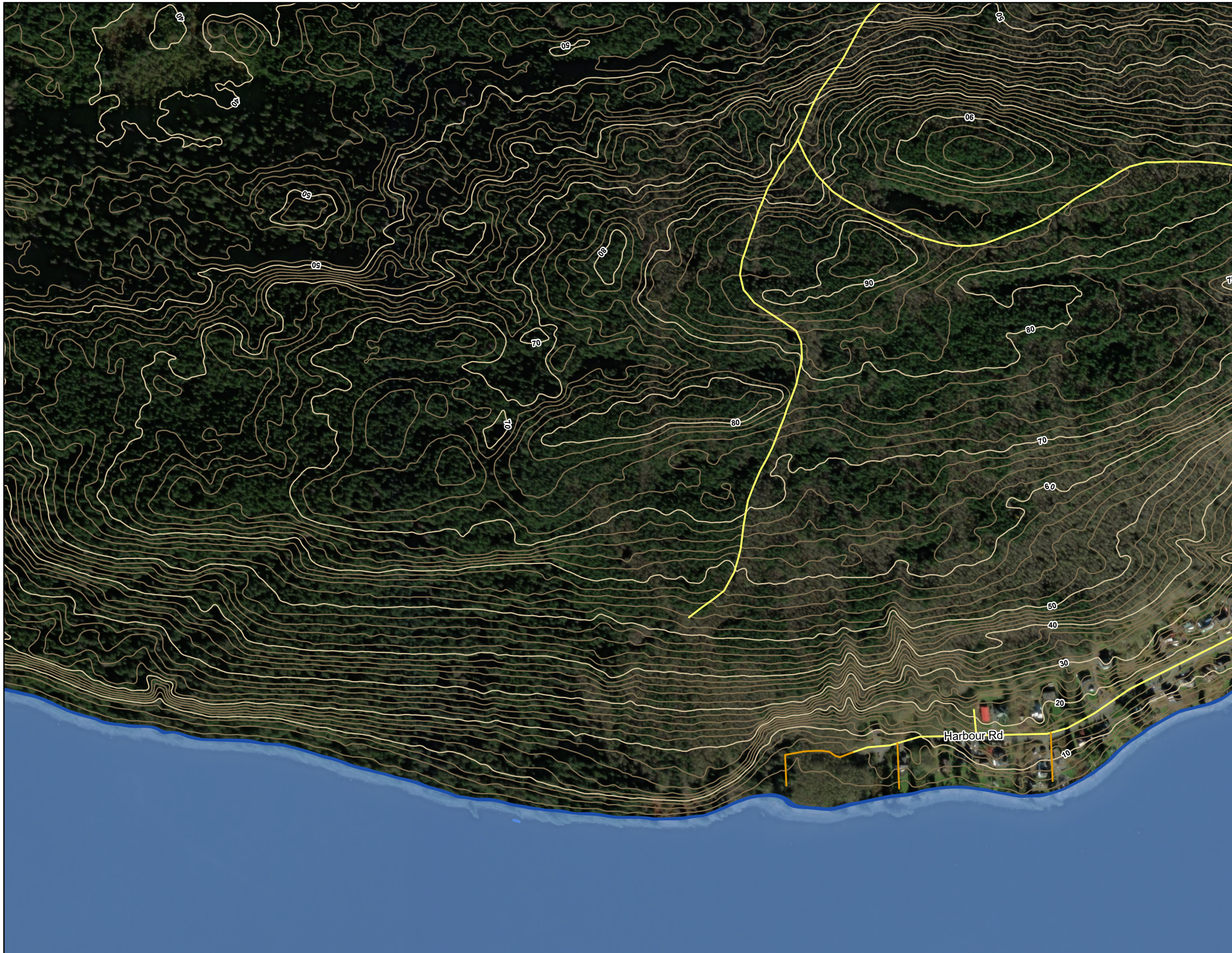
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Engineer	PSG	GIS	SWM	Reviewer	GFL
Job Number	3006332		Date	11-MAY-2023	

**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

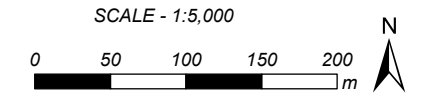
**HOLBERG
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

SWM: \\mainfile-van\Projects\Active\3006332 NW Vancouver Island Tsunami Risk Assessment - Phase 2\95 GIS\3006332_map_5K_InundationMapping_1.aprx



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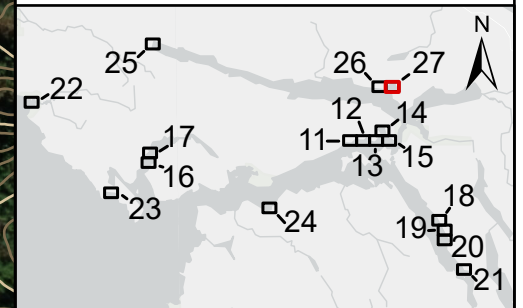
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**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

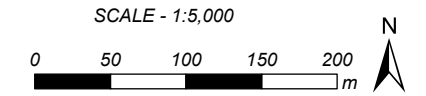
**COAL HARBOUR WEST
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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**NORTHWEST VANCOUVER ISLAND
TSUNAMI RISK ASSESSMENT PROJECT**

**COAL HARBOUR EAST
INUNDATION LEVEL FOR
EMERGENCY PLANNING
CASCADIA TSUNAMI**

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