

APPENDIX B. CURRENT (2012/2013) MIDDLE SUSITNA RIVER SEGMENT AQUATIC MACROHABITAT TYPES

**Susitna-Watana Hydroelectric Project
(FERC No. 14241)**

Geomorphology Study (6.5)

**Updated Mapping of Aquatic Macrohabitat Types
in the Middle Susitna River Segment
from 1980s and Current Aerials
Technical Memorandum**

Prepared for

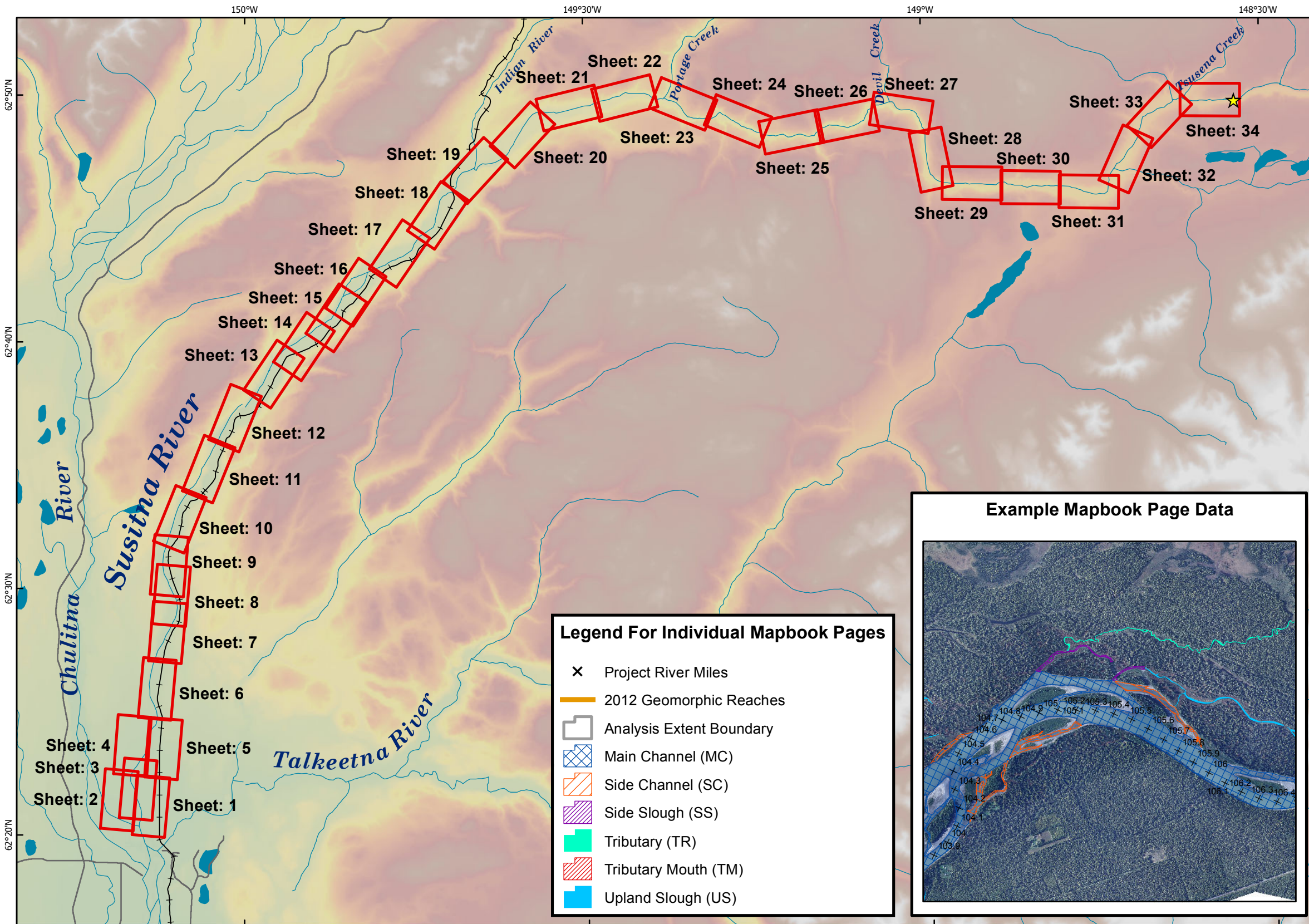
Alaska Energy Authority



Prepared by

Tetra Tech, Inc.

September 2014



MIDDLE SUSITNA RIVER SEGMENT CURRENT AQUATIC MACROHABITAT

Legend

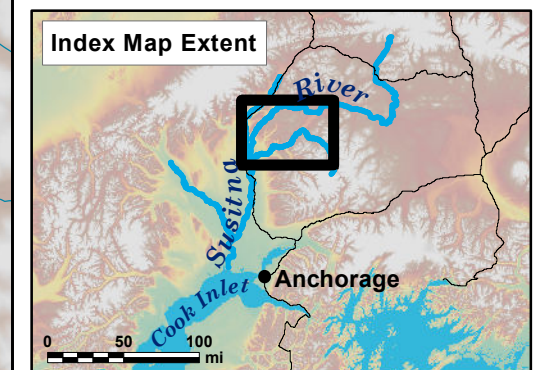
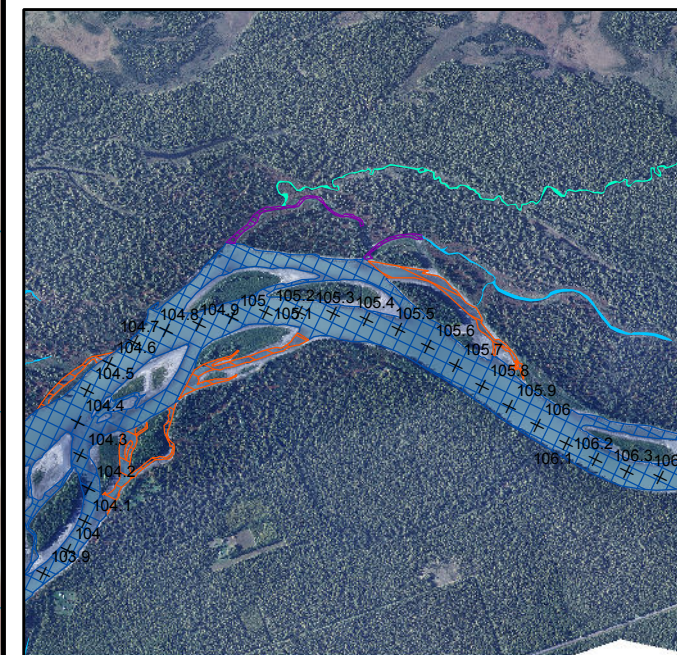
- ★ Proposed Watana Dam Site
- Sheet Extents
- Roads
- +— Railroads
- ~ Rivers and Streams
- Waterbodies

Data Sources: See Map References

Legend For Individual Mapbook Pages

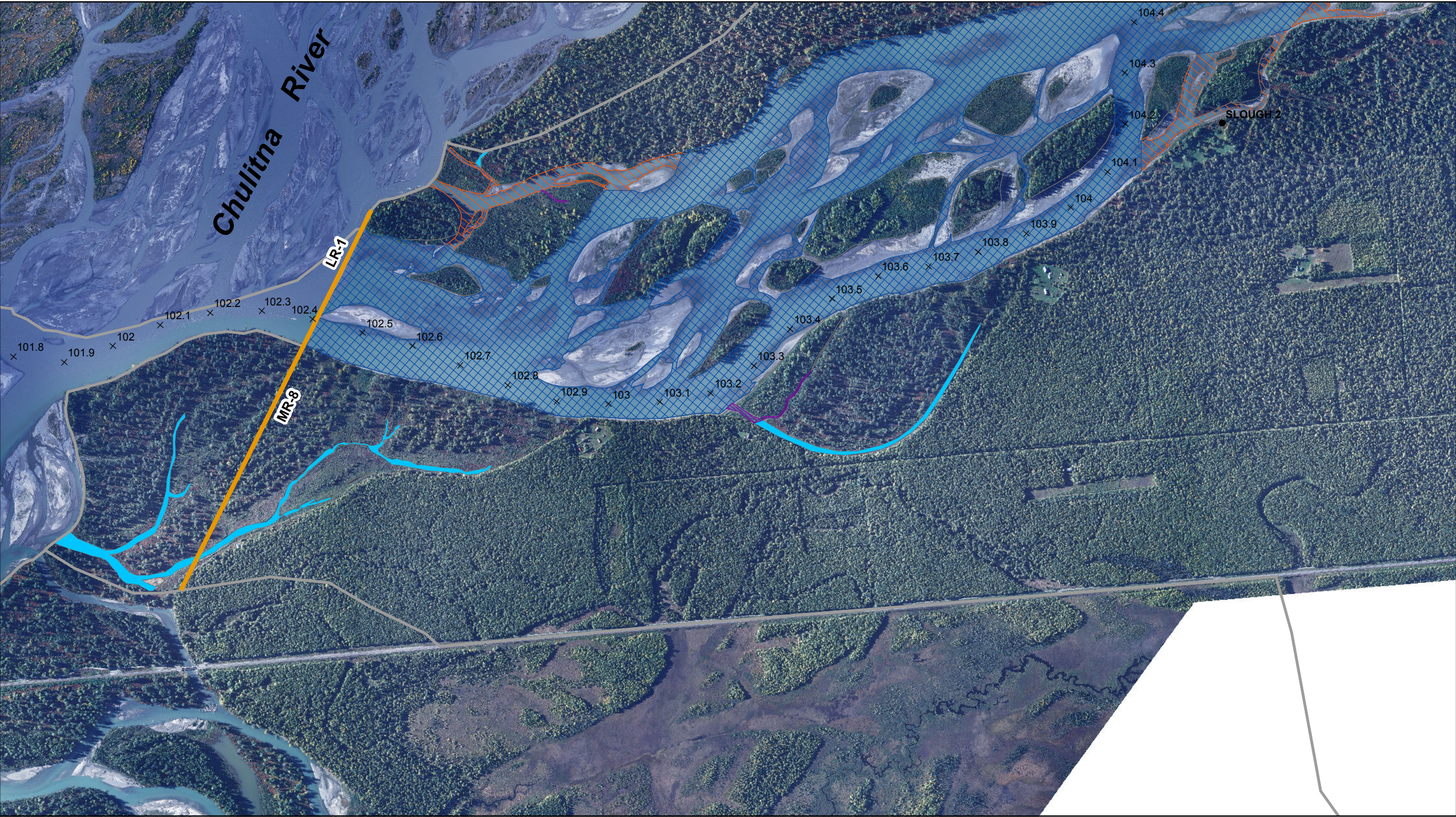
- × Project River Miles
- 2012 Geomorphic Reaches
- Analysis Extent Boundary
- ▨ Main Channel (MC)
- ▨ Side Channel (SC)
- ▨ Side Slough (SS)
- ▨ Tributary (TR)
- ▨ Tributary Mouth (TM)
- ▨ Upland Slough (US)

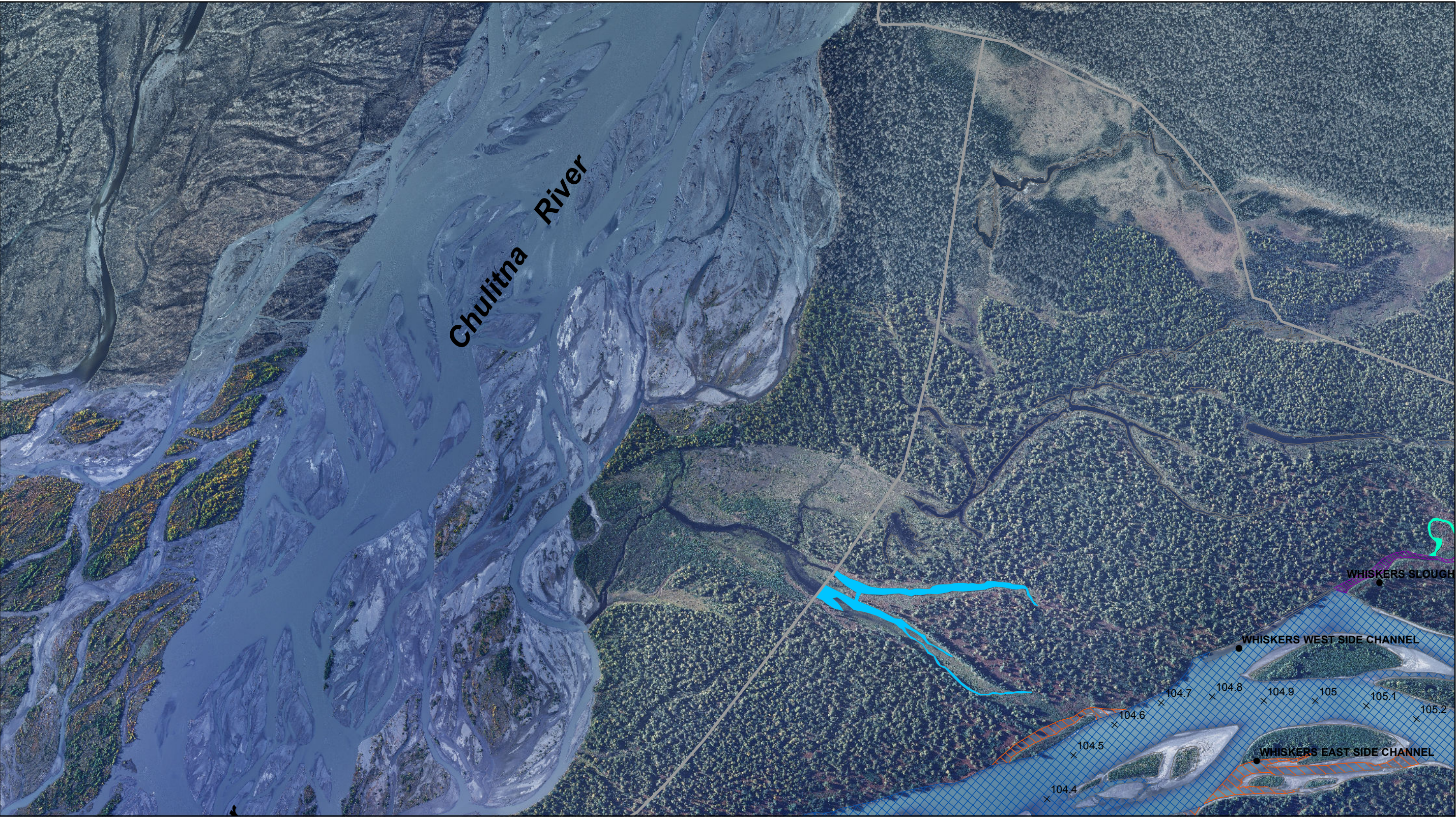
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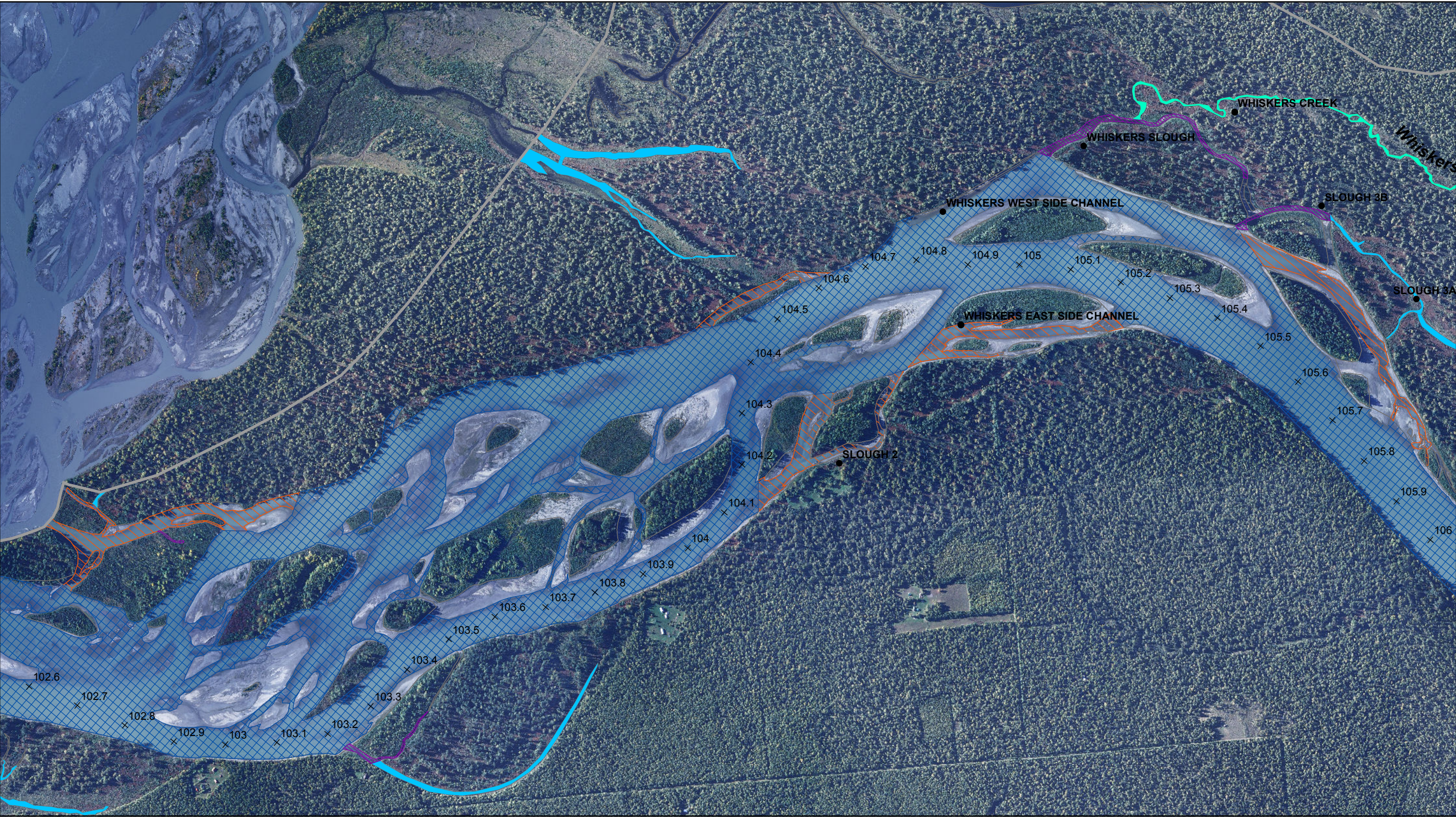


Projection: NAD83 State Plane Alaska 4 FIPS 5004 (ft)
Date Created: 8/25/2014
Map Author: Tetra Tech
File: Current_AqMHab_20140801_Cover.mxd









See index page for legend and additional data information.









See index page for legend and additional data information.





See index page for legend and additional data information.



0 1,000 2,000 Feet

1 inch = 1,000 feet

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**MIDDLE SUSITNA RIVER SEGMENT
CURRENT AQUATIC MACROHABITAT**

Location:	Imagery Date:	Discharge (Gold Creek)
PRM 102.4 - 143.6:	09/10/2012	12,900 cfs
PRM 143.6 - 153.6:	09/24/2013	11,300 cfs
PRM 153.6 - 187.1:	09/30/2012	17,000 cfs

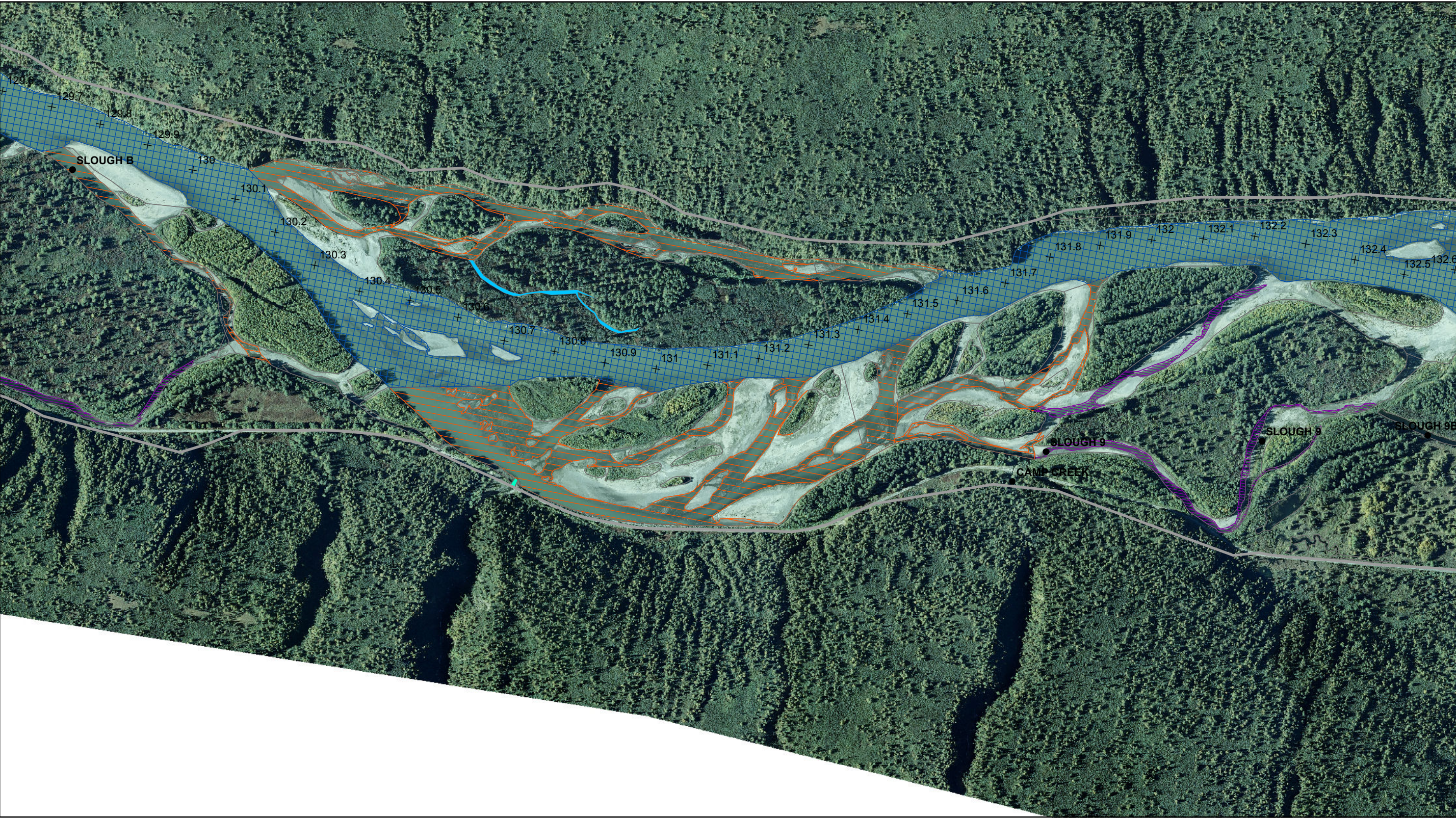












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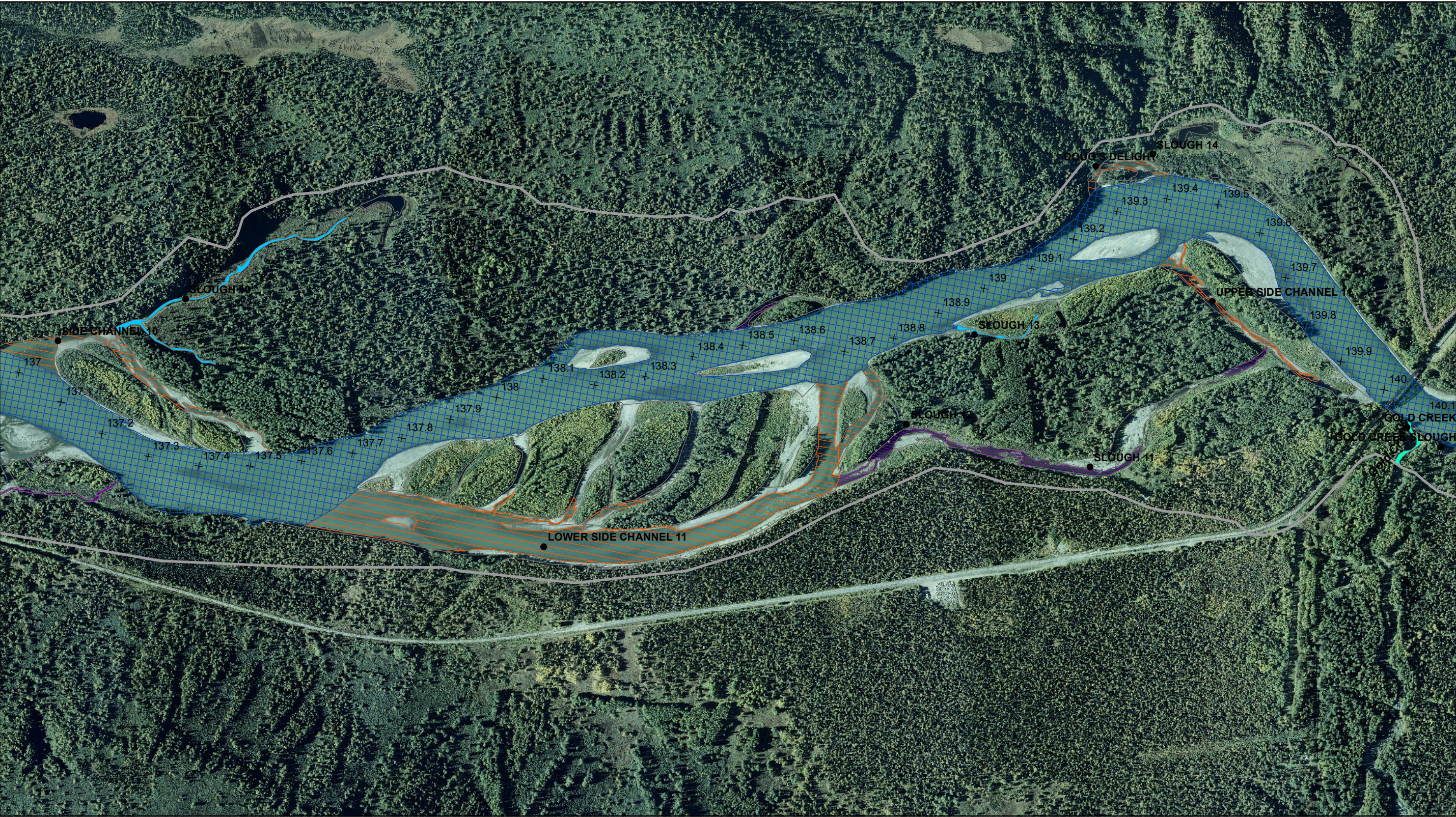
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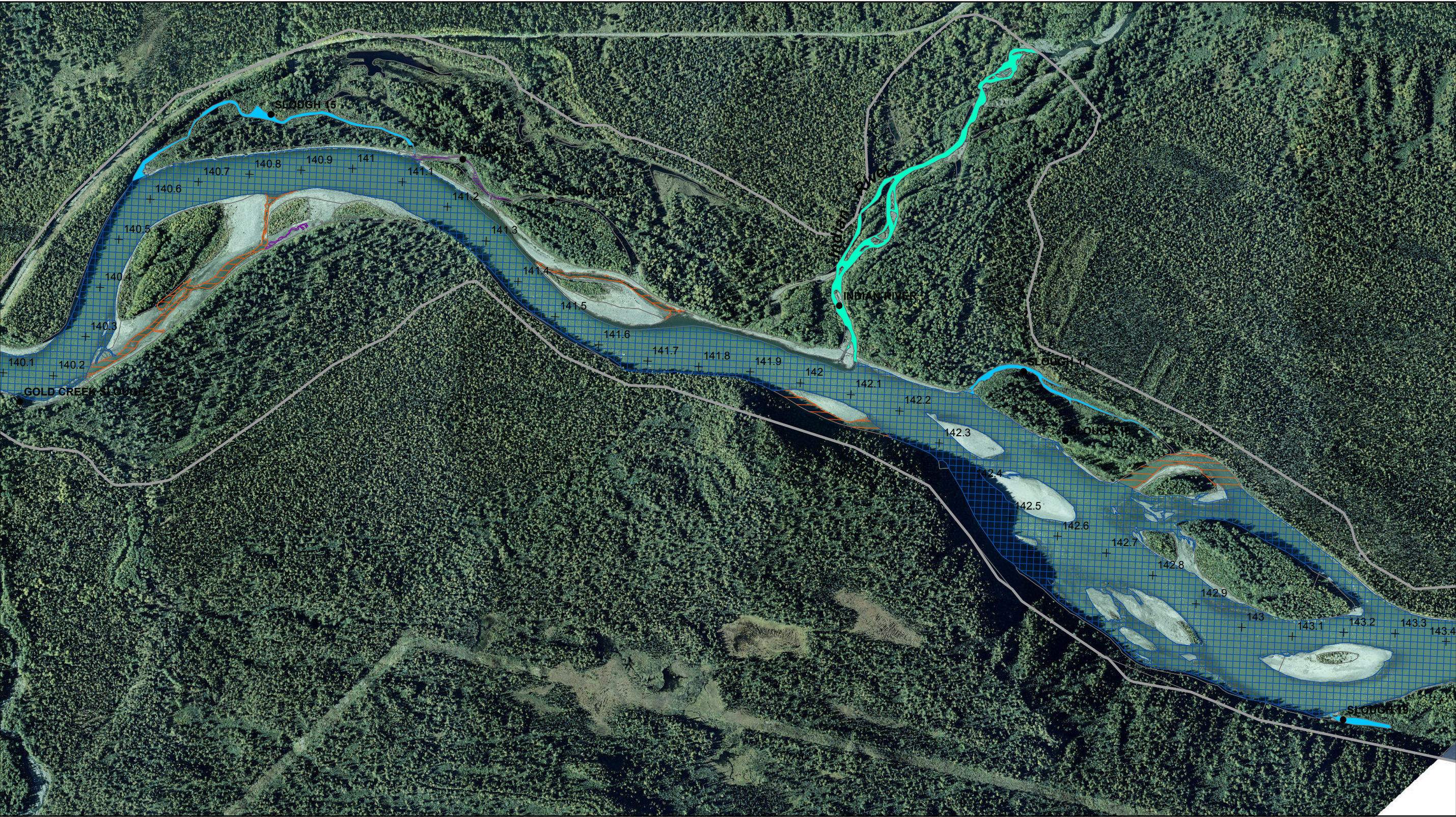
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CURRENT AQUATIC MACROHABITAT**

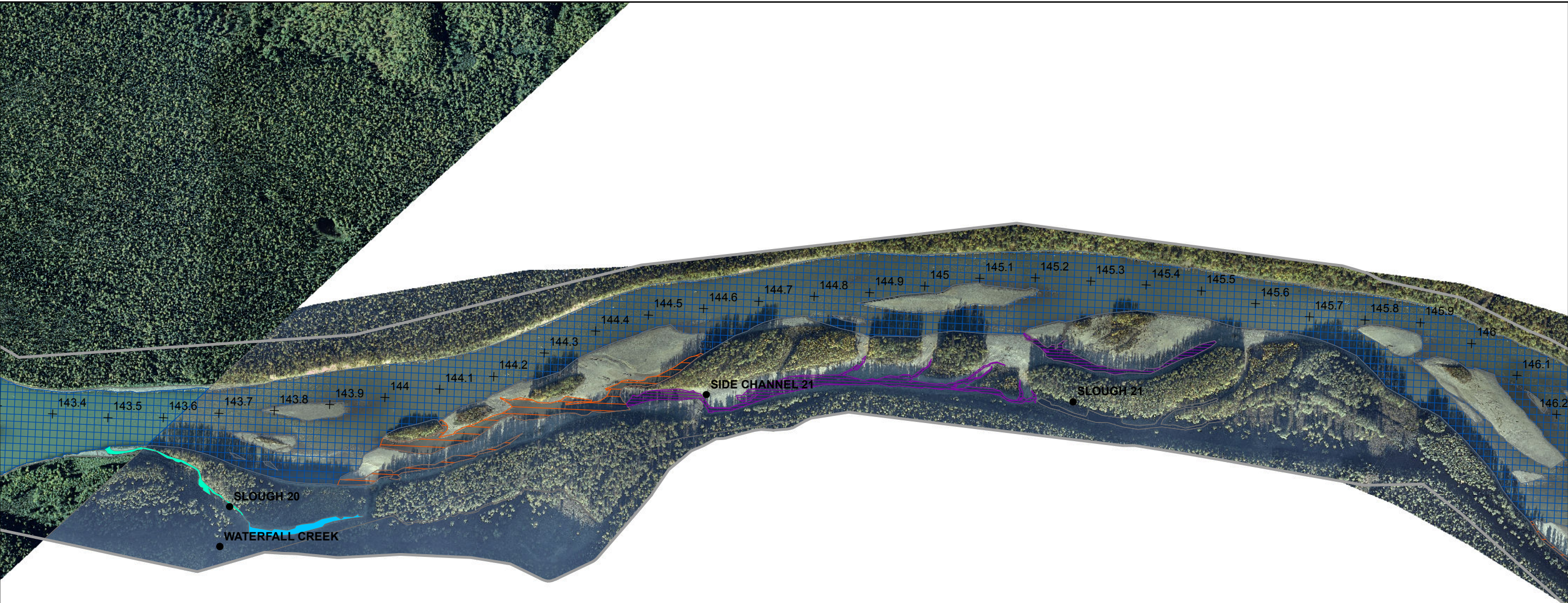
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PRM 153.6 - 187.1:	09/30/2012	17,000 cfs











● UNNAMED CREEK at PRM 144.6

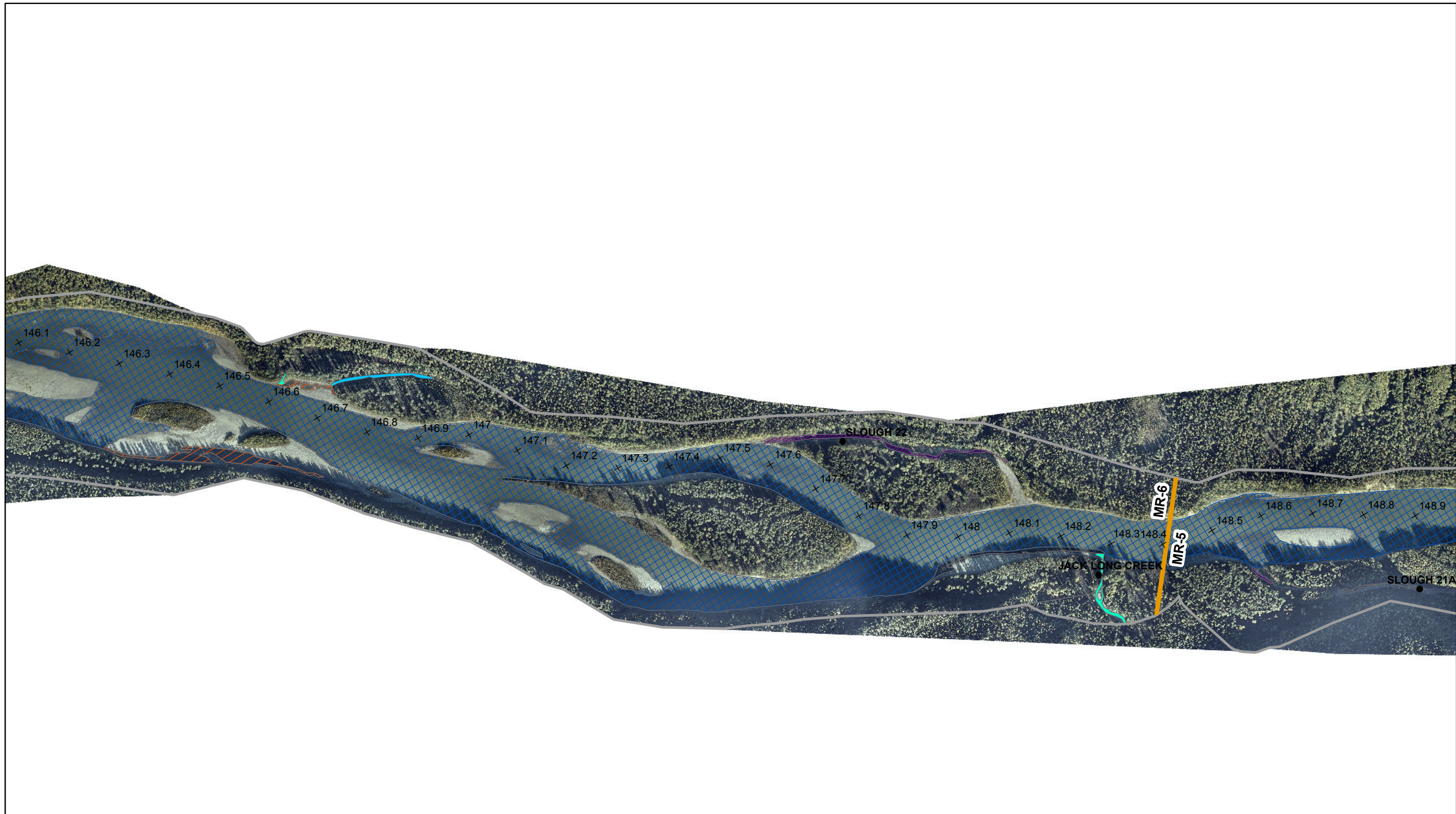


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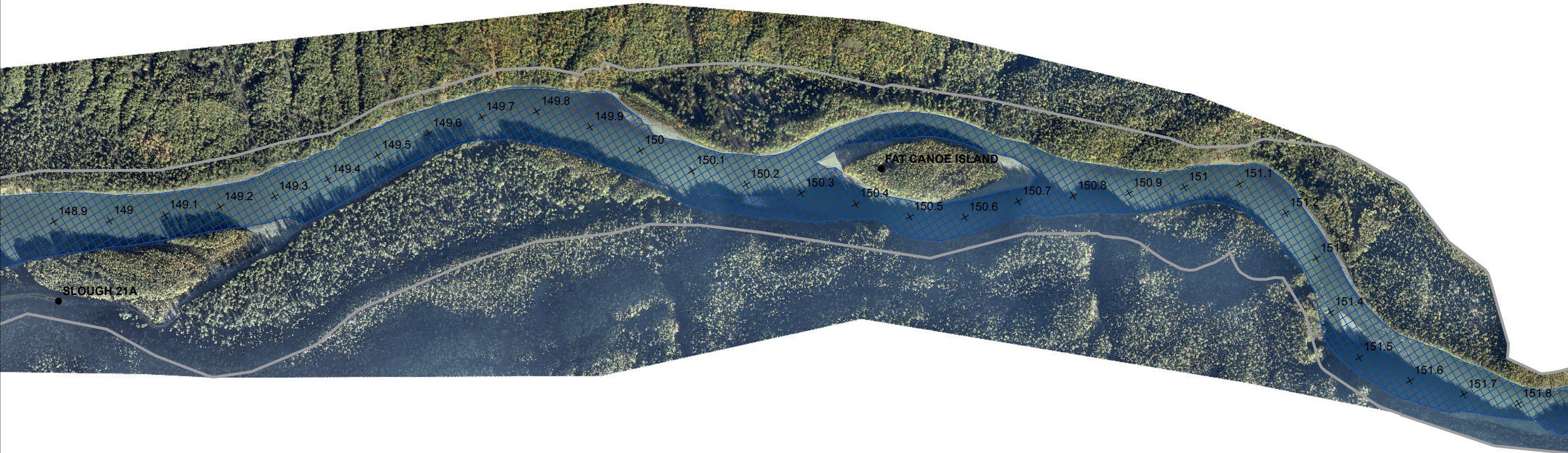
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CURRENT AQUATIC MACROHABITAT
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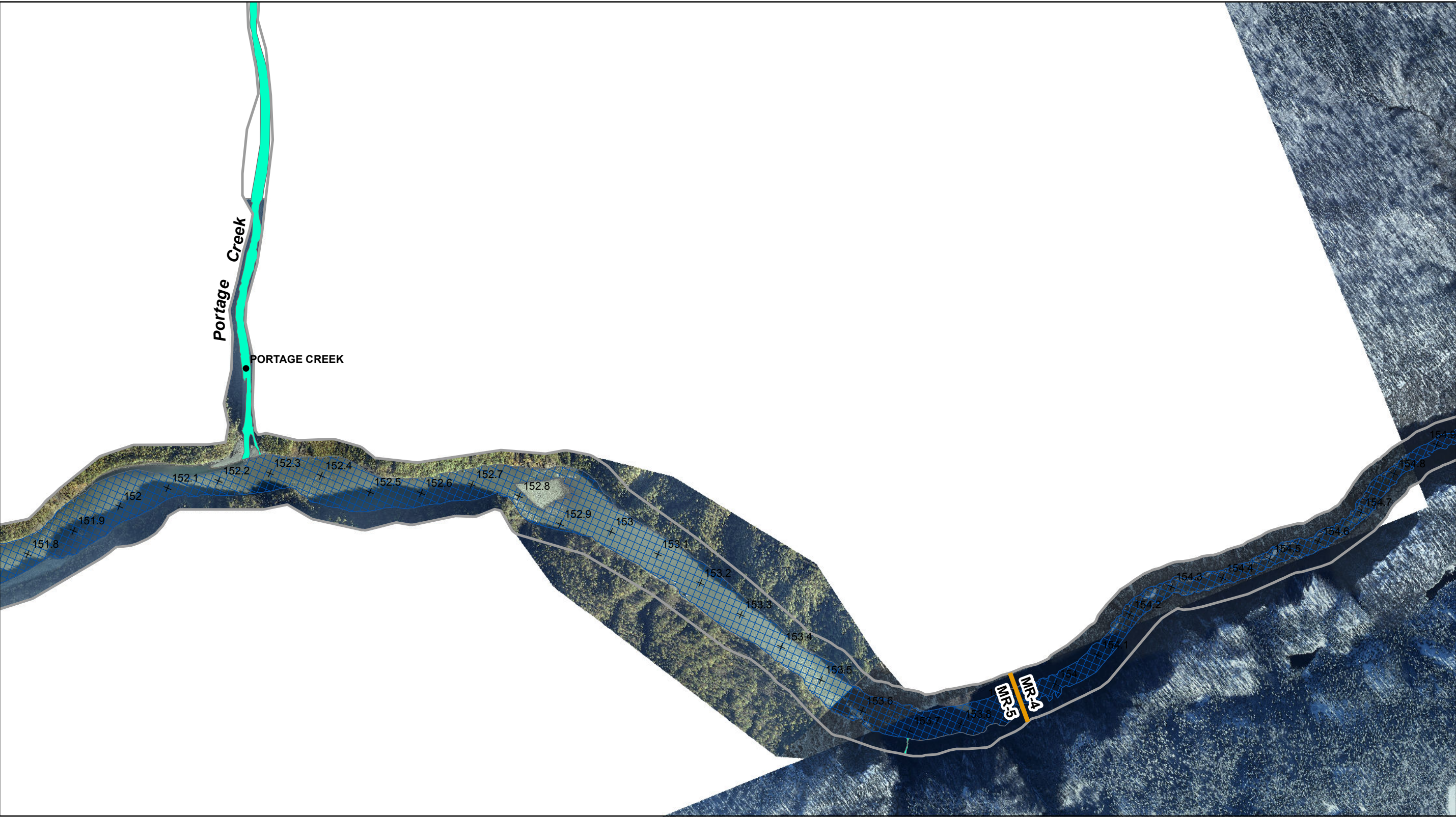
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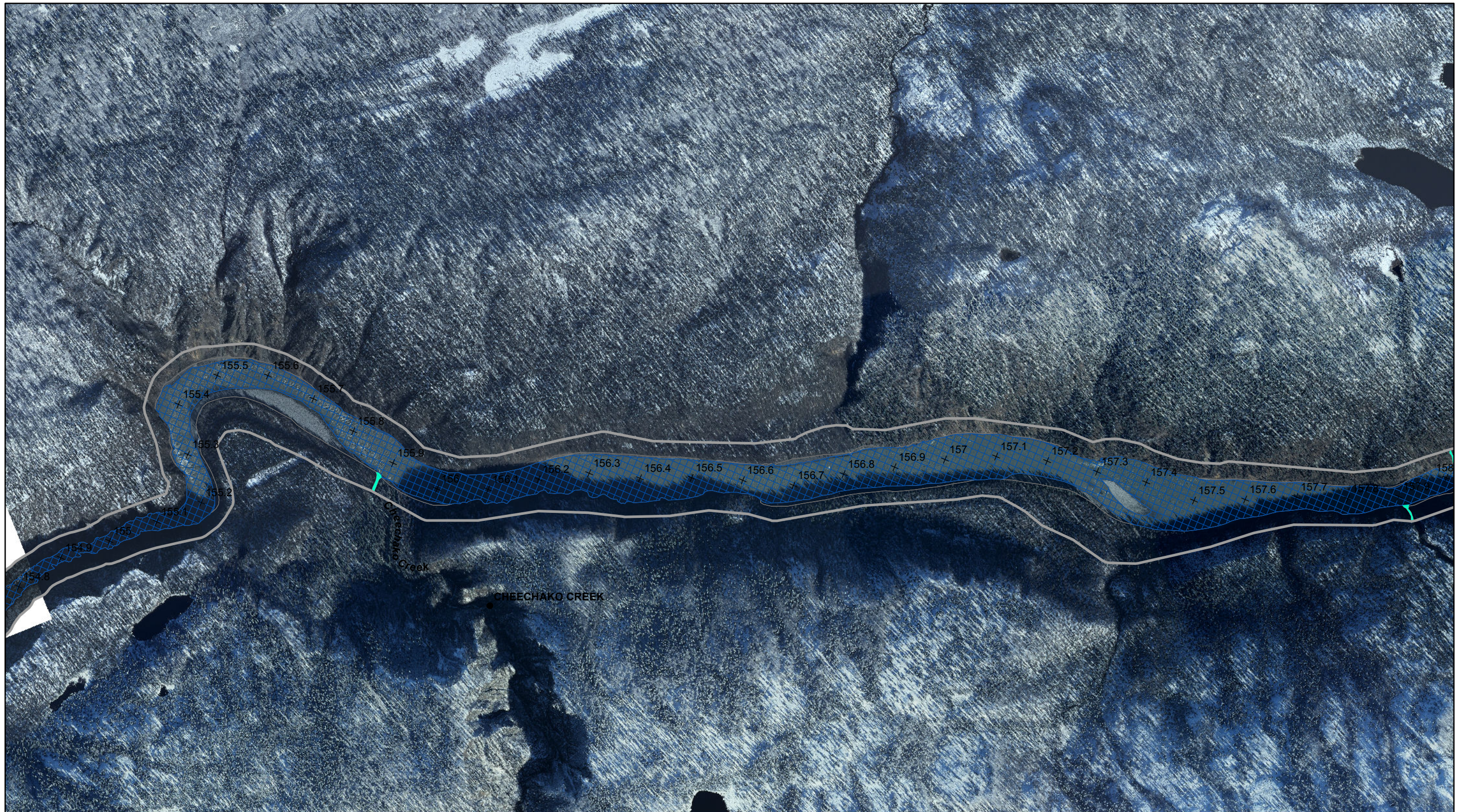
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CURRENT AQUATIC MACROHABITAT

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CURRENT AQUATIC MACROHABITAT**

Location:	Imagery Date:	Discharge (Gold Creek)
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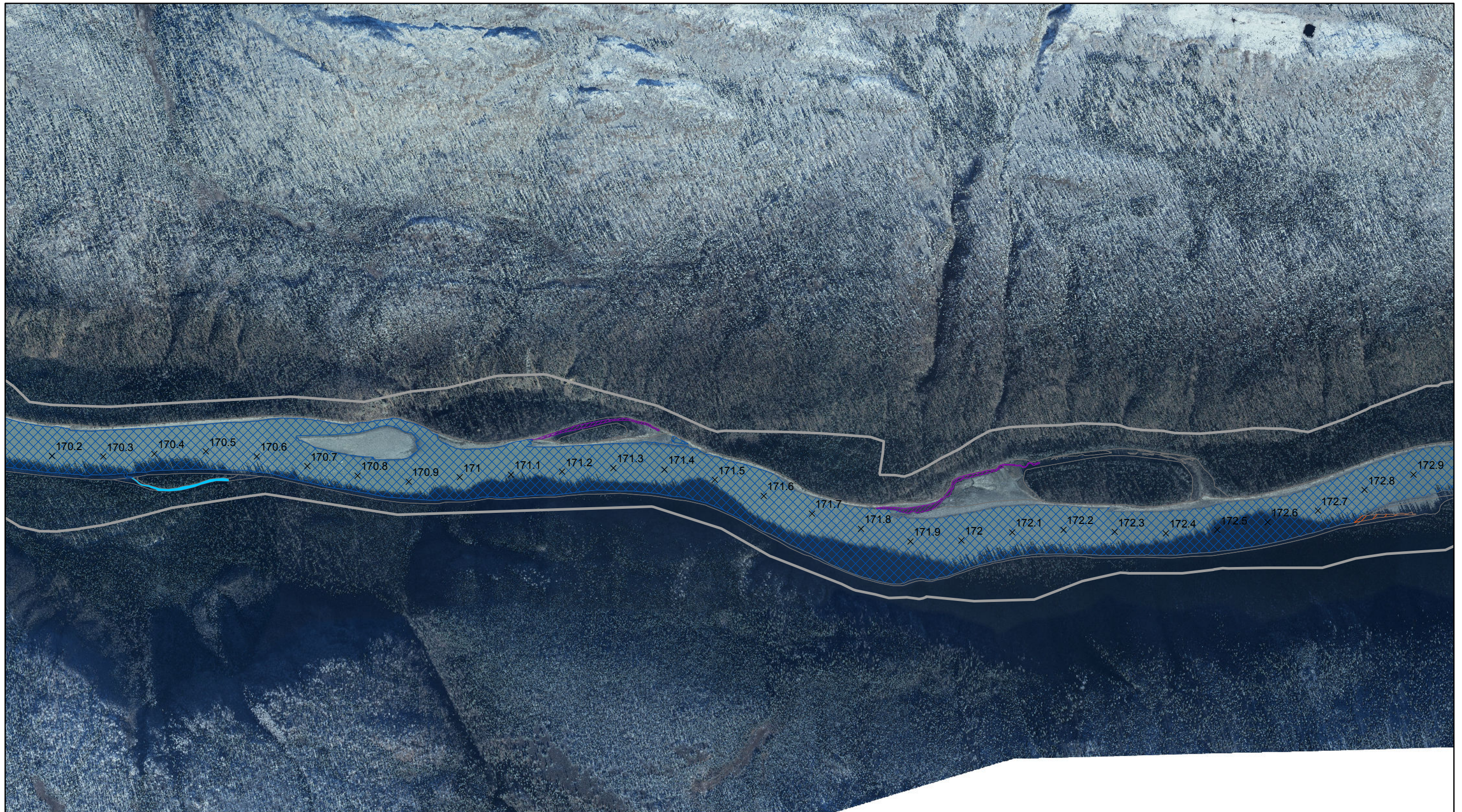


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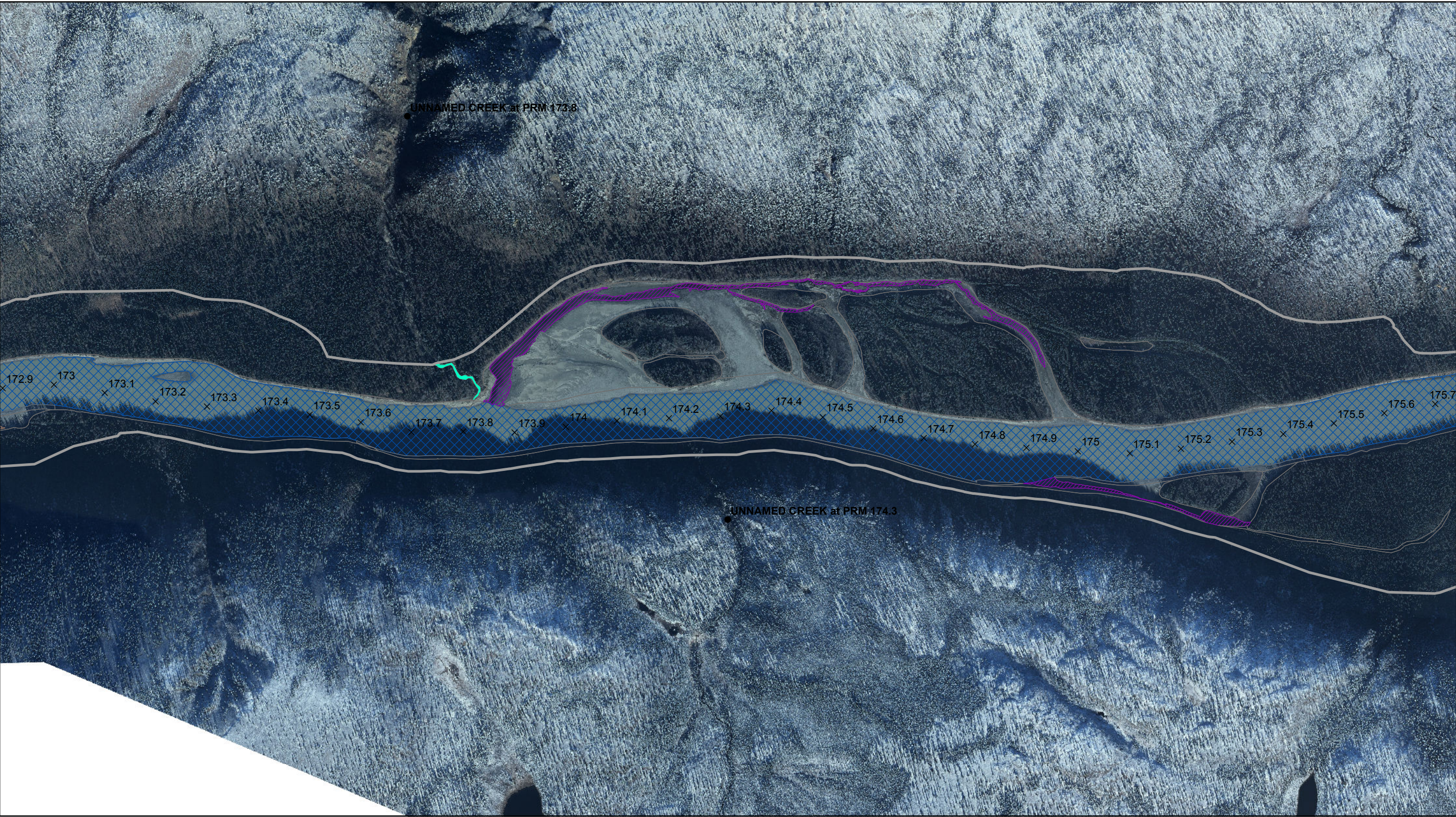


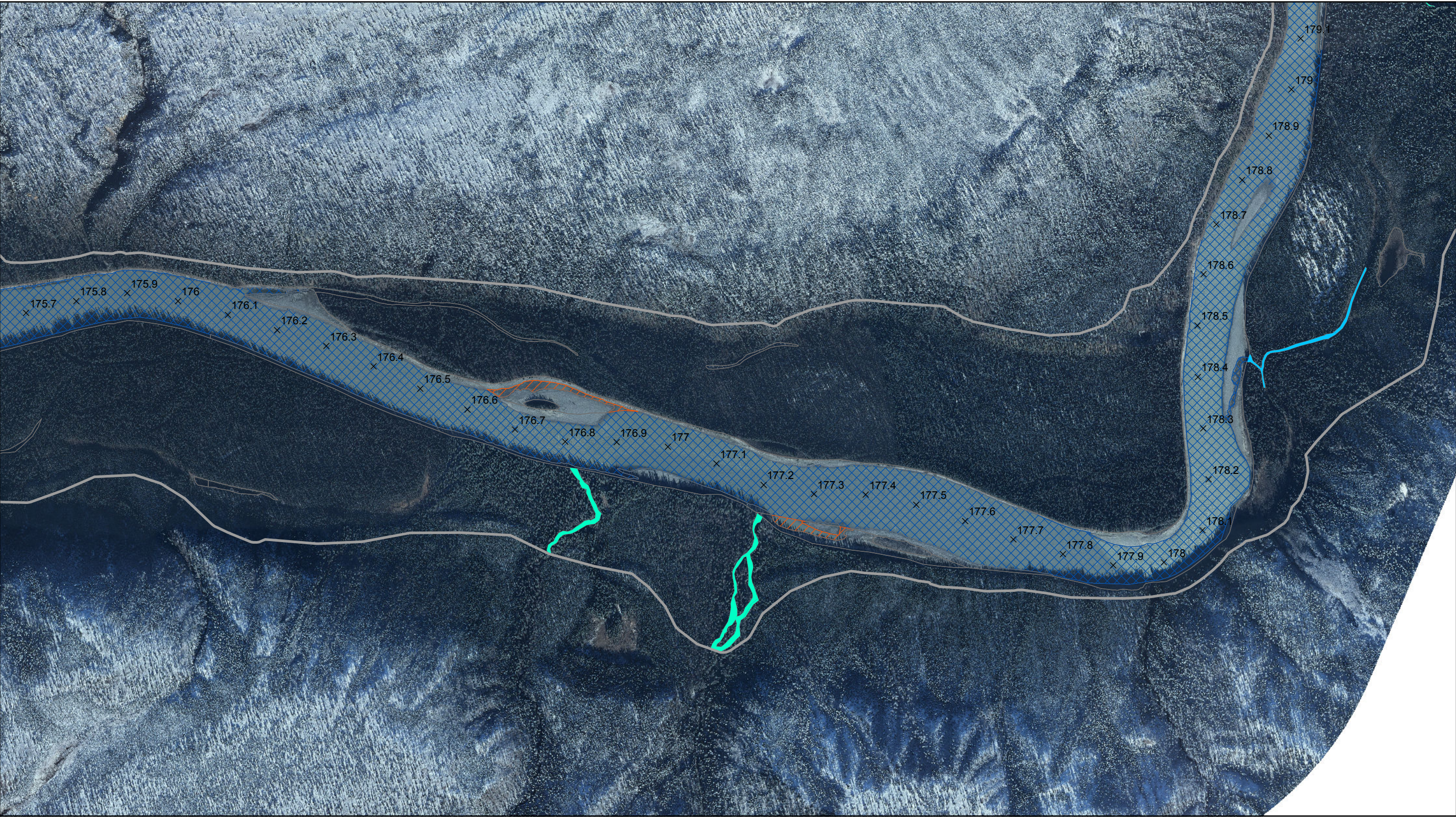


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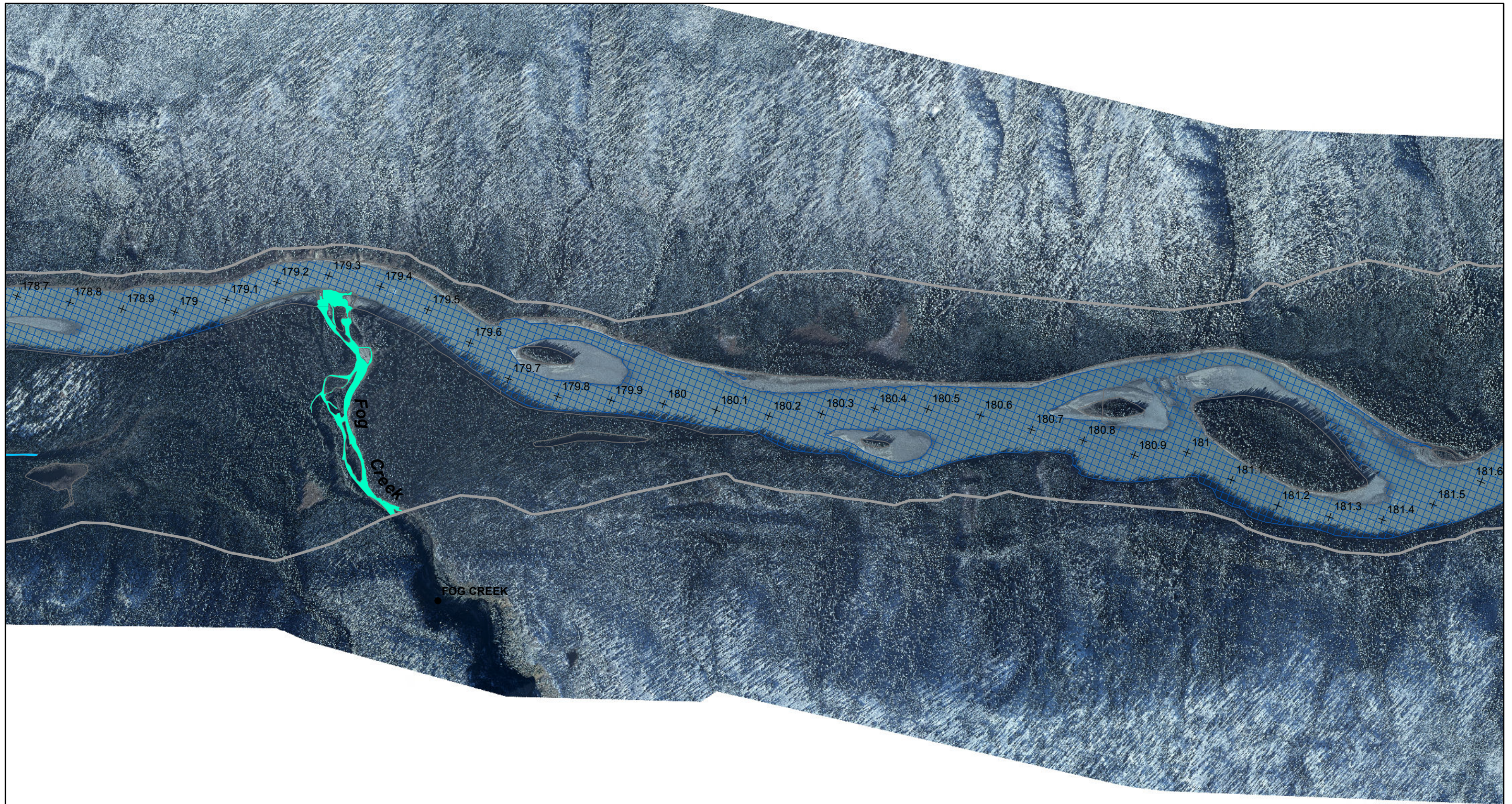


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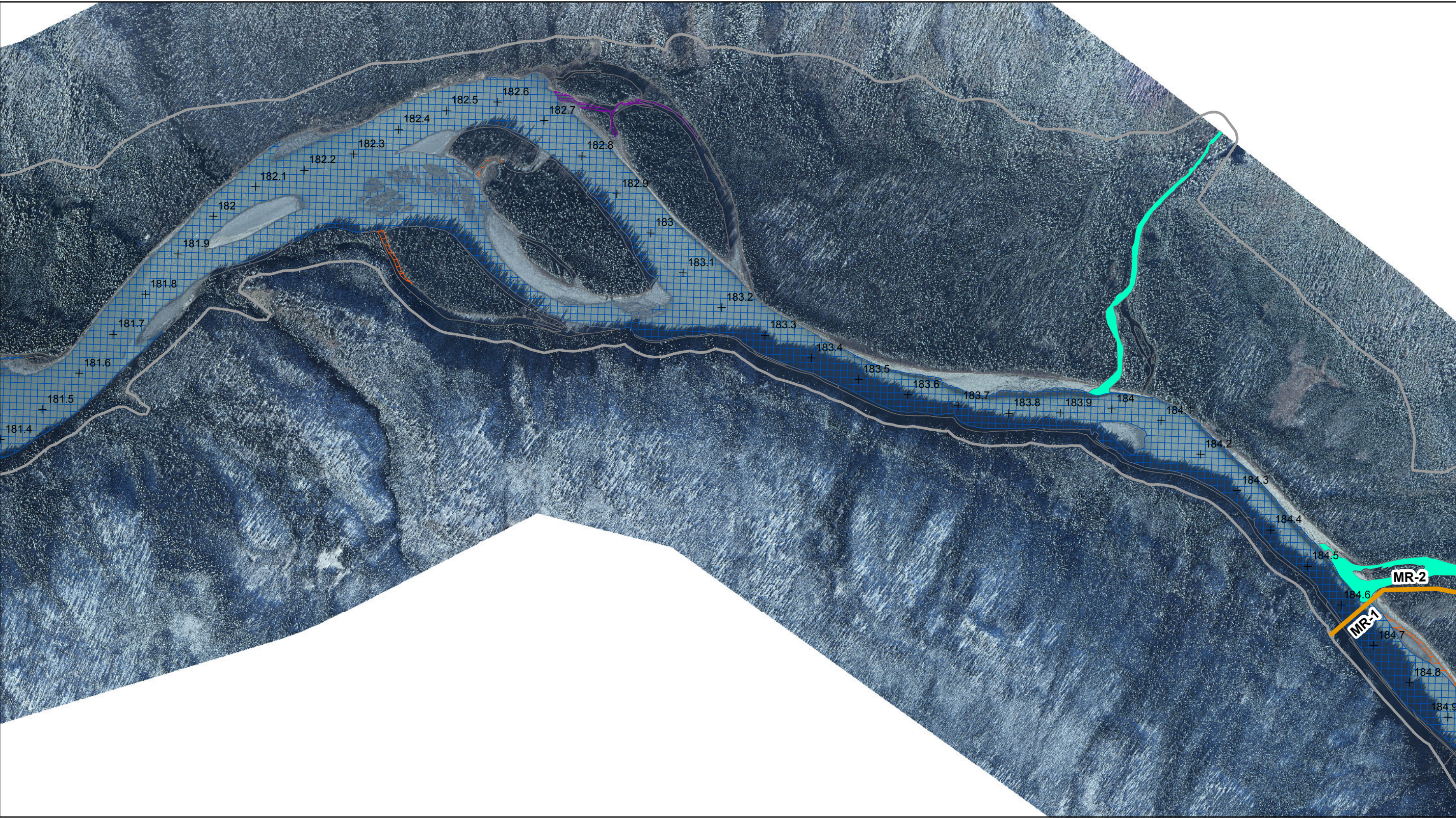
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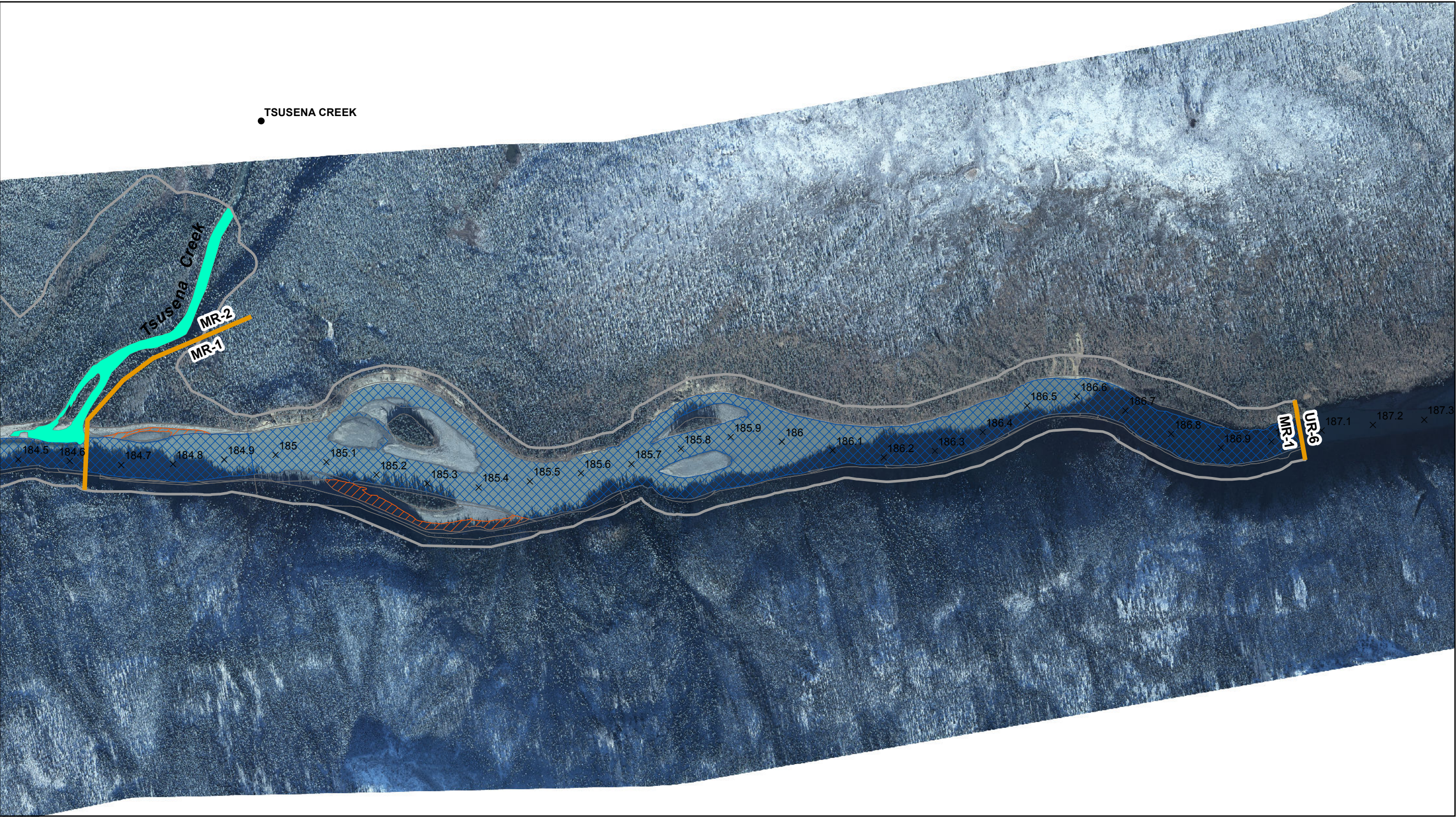
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PRM 153.6 - 187.1:	09/30/2012	17,000 cfs







● TSUSENA CREEK

Tsusena Creek
MR-2
MR-1

MR-4
UR-6