

APPENDIX C. 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

150°30'W 150°W 149°30'W 149°W 148°30'W



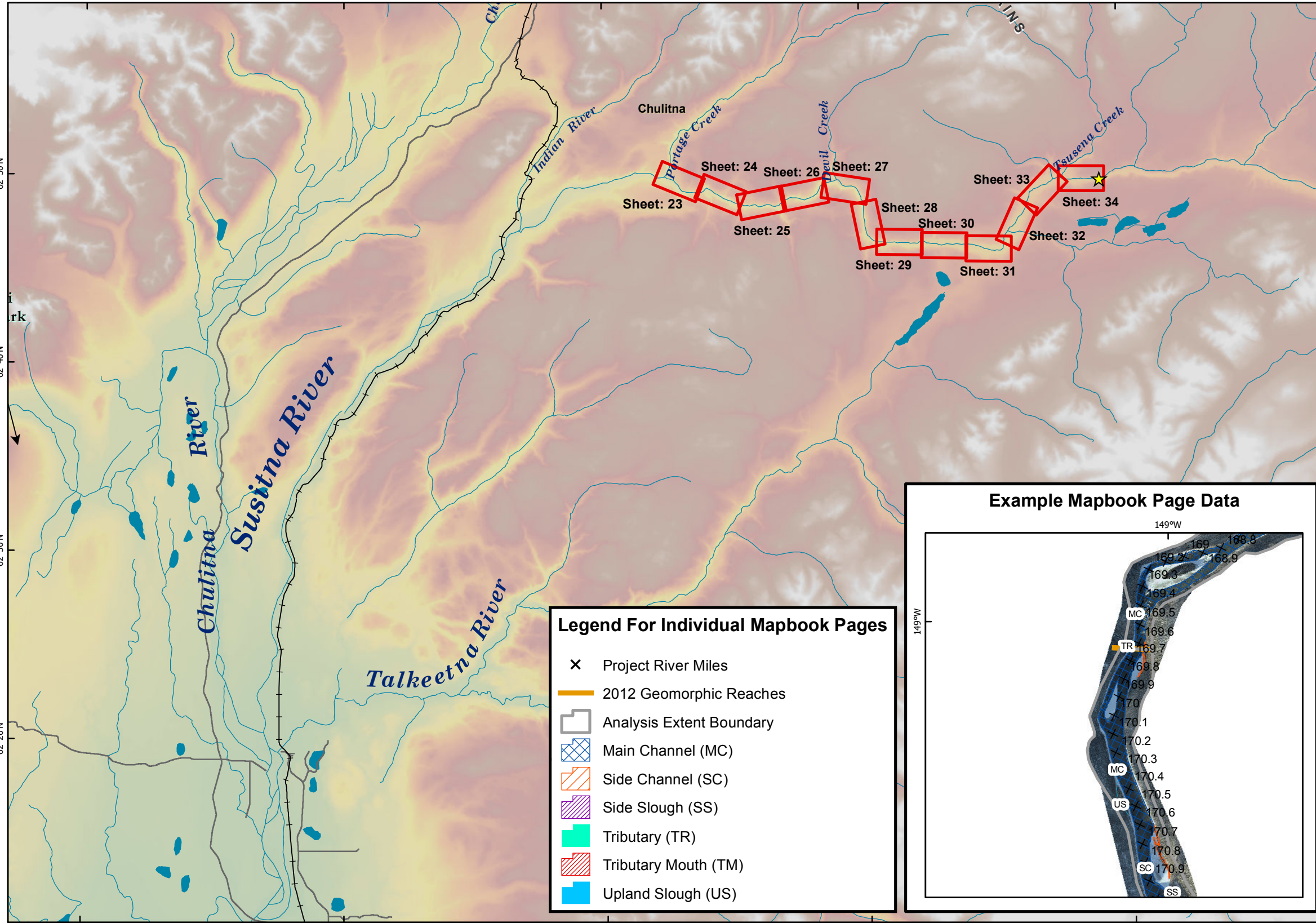
MIDDLE SUSITNA RIVER SEGMENT 2013 AQUATIC MACROHABITAT

Legend

- Proposed Watana Dam Site
- Sheet Extents
- Roads
- Railroads
- Rivers and Streams
- Waterbodies

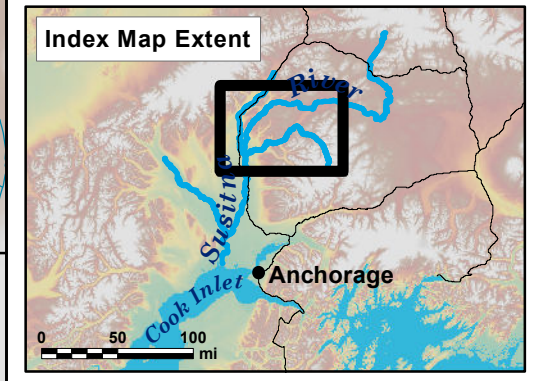
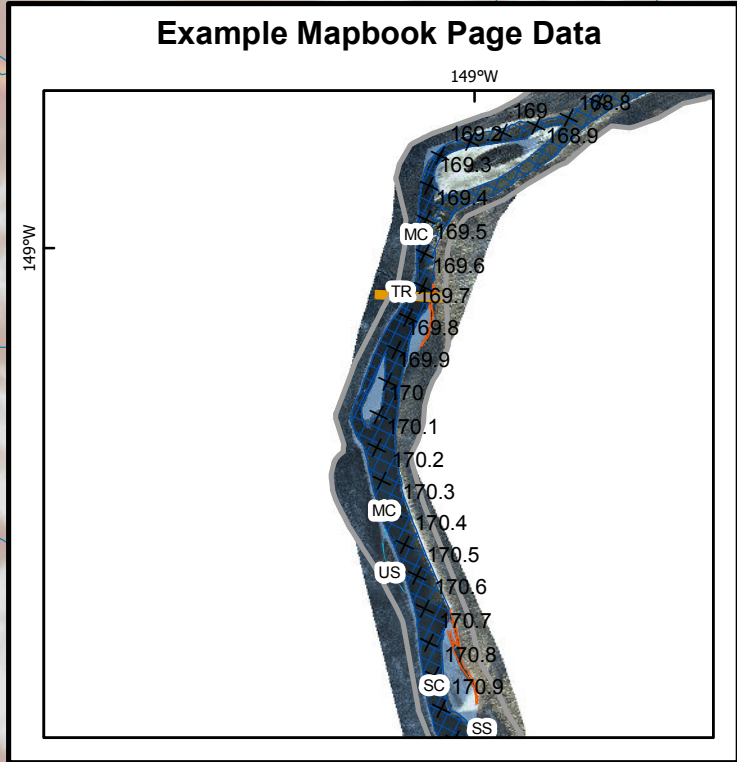
Data Sources: See Map References

62°50'N
62°40'N
62°30'N
62°20'N



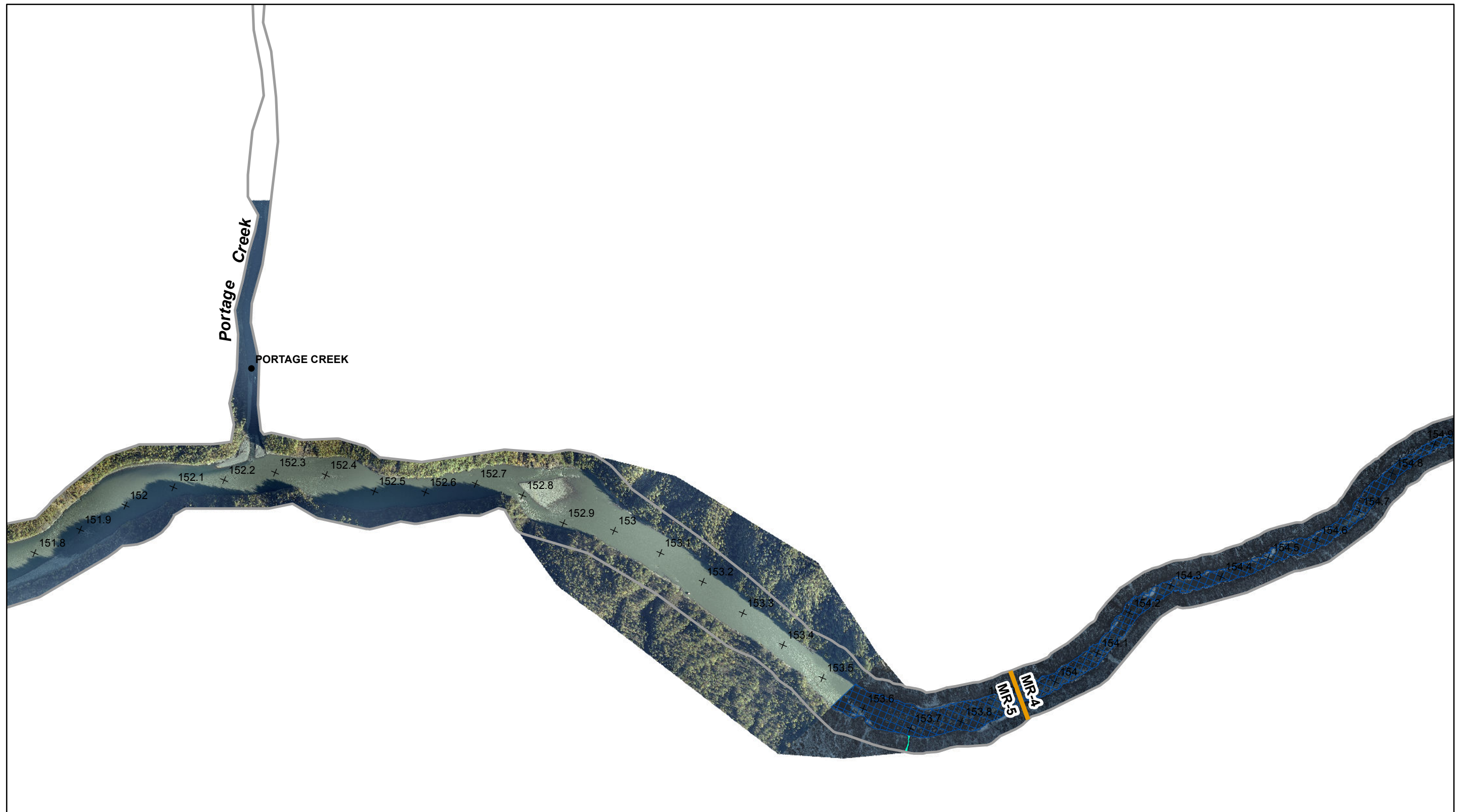
Legend For Individual Mapbook Pages

- 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)



Projection: NAD83 State Plane Alaska 4 FIPS 5004 (ft)
Date Created: 8/18/2014
Map Author: Tetra Tech
File: 2013_AqMHabt_20140325_Cover.mxd





0 1,000 2,000 Feet

1 inch = 1,000 feet

Sheet 23

**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: PRM 153.6 - 184.9 Imagery Date: 11/06/2013 Discharge (Gold Creek): 6,200cfs



See index page for legend and additional data information.



0 1,000 2,000 Feet

1 inch = 1,000 feet

Sheet 24

**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: Imagery Date, Discharge (Gold Creek)
PRM 153.6 - 184.9: 11/06/2013 6,200cfs



See index page for legend and additional data information.



0 1,000 2,000 Feet

1 inch = 1,000 feet

Sheet 25

**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: PRM 153.6 - 184.9 Imagery Date: 11/06/2013 Discharge (Gold Creek): 6,200cfs



See index page for legend and additional data information.



0 1,000 2,000 Feet

1 inch = 1,000 feet

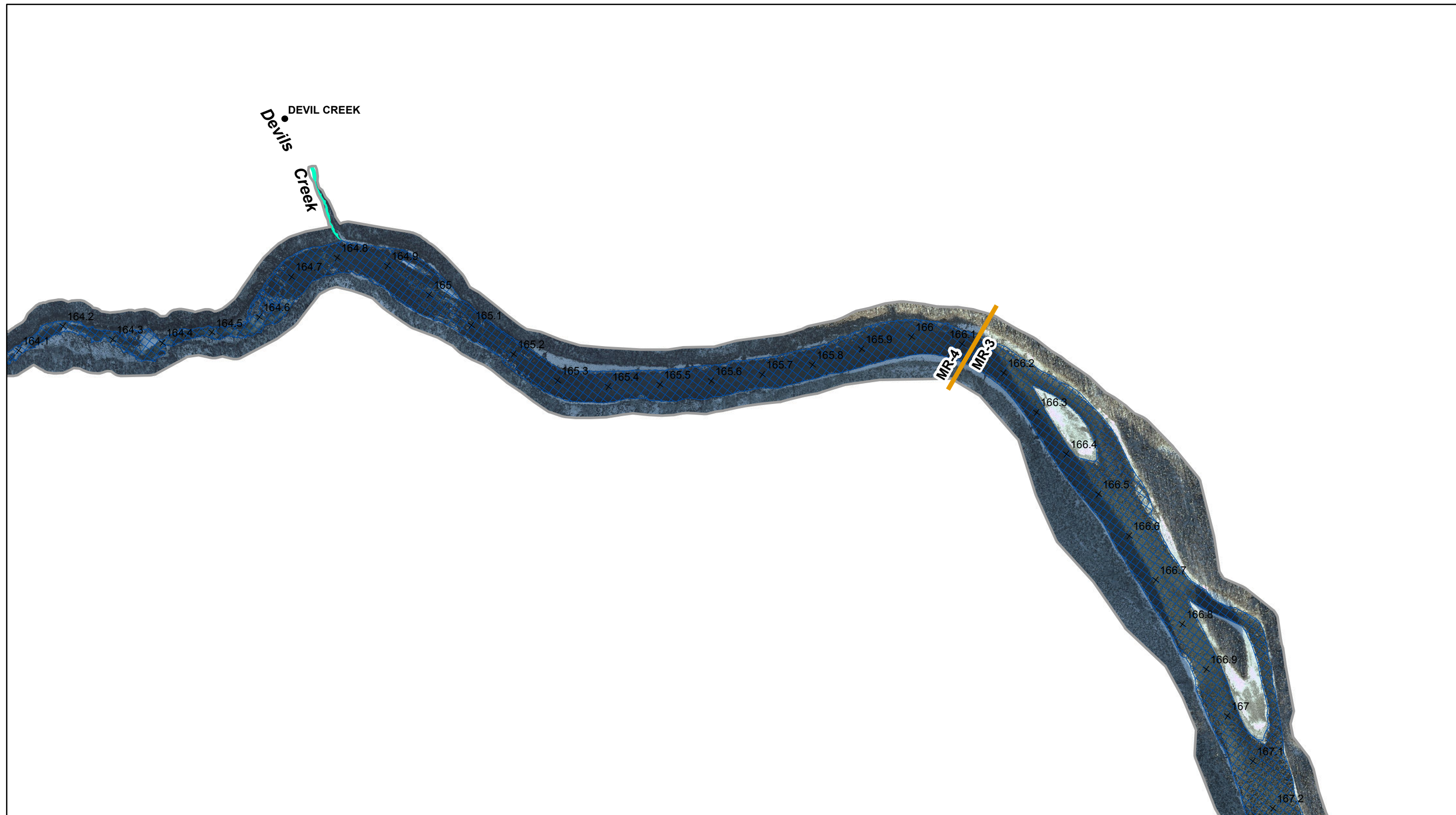
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**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: PRM 153.6 - 184.9 Imagery Date: 11/06/2013 Discharge (Gold Creek): 6,200cfs



See index page for legend and additional data information.



DEVIL CREEK

Devils

Creek

MR-1

MR-3



0 1,000 2,000 Feet

1 inch = 1,000 feet

Sheet 27

MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT

Location: PRM 153.6 - 184.9 Imagery Date: 11/06/2013 Discharge (Gold Creek): 6,200cfs



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0 1,000 2,000 Feet

1 inch = 1,000 feet

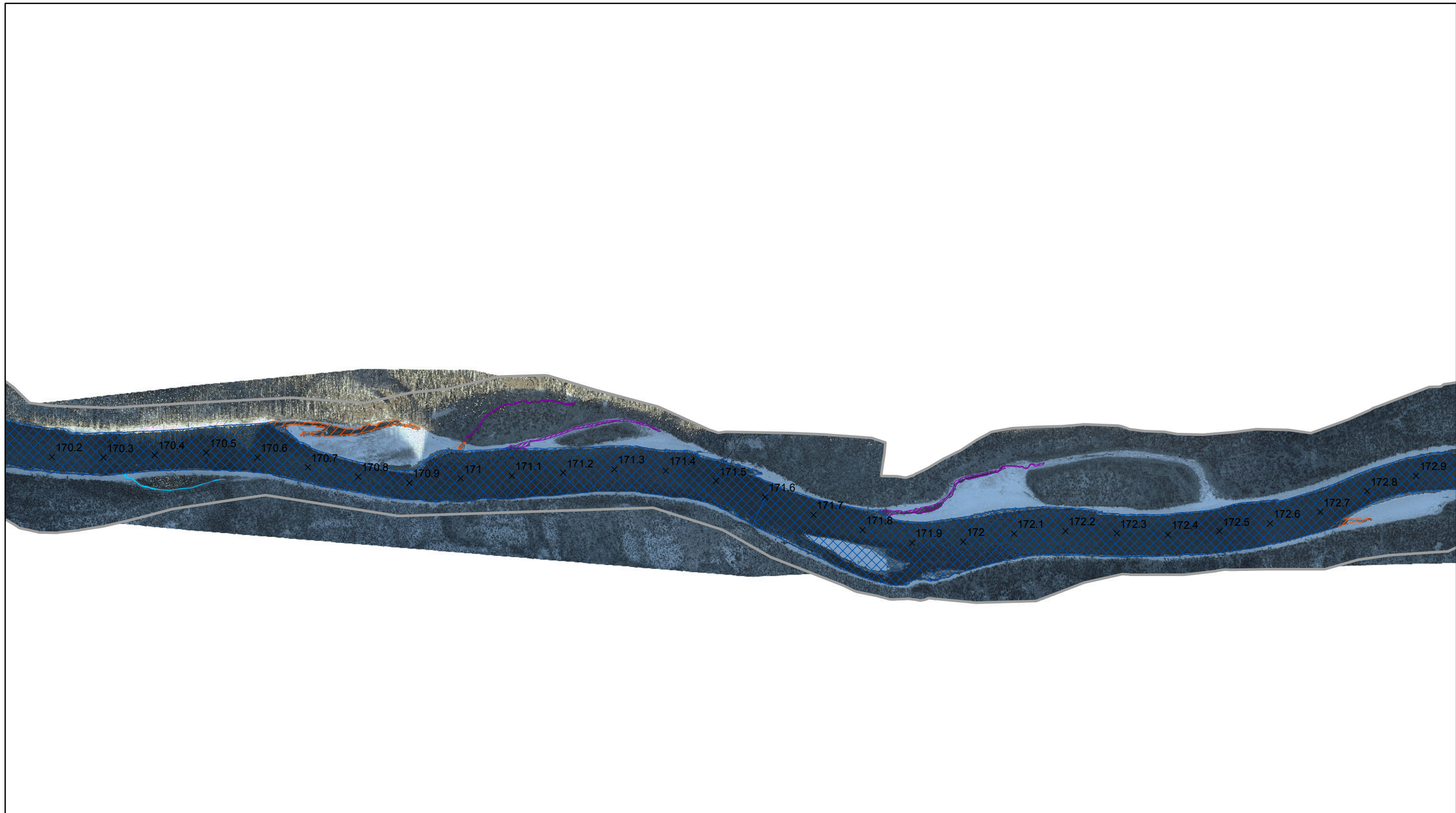
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**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: PRM 153.6 - 184.9 Imagery Date: 11/06/2013 Discharge (Gold Creek): 6,200cfs



See index page for legend and additional data information.



0 1,000 2,000 Feet

1 inch = 1,000 feet

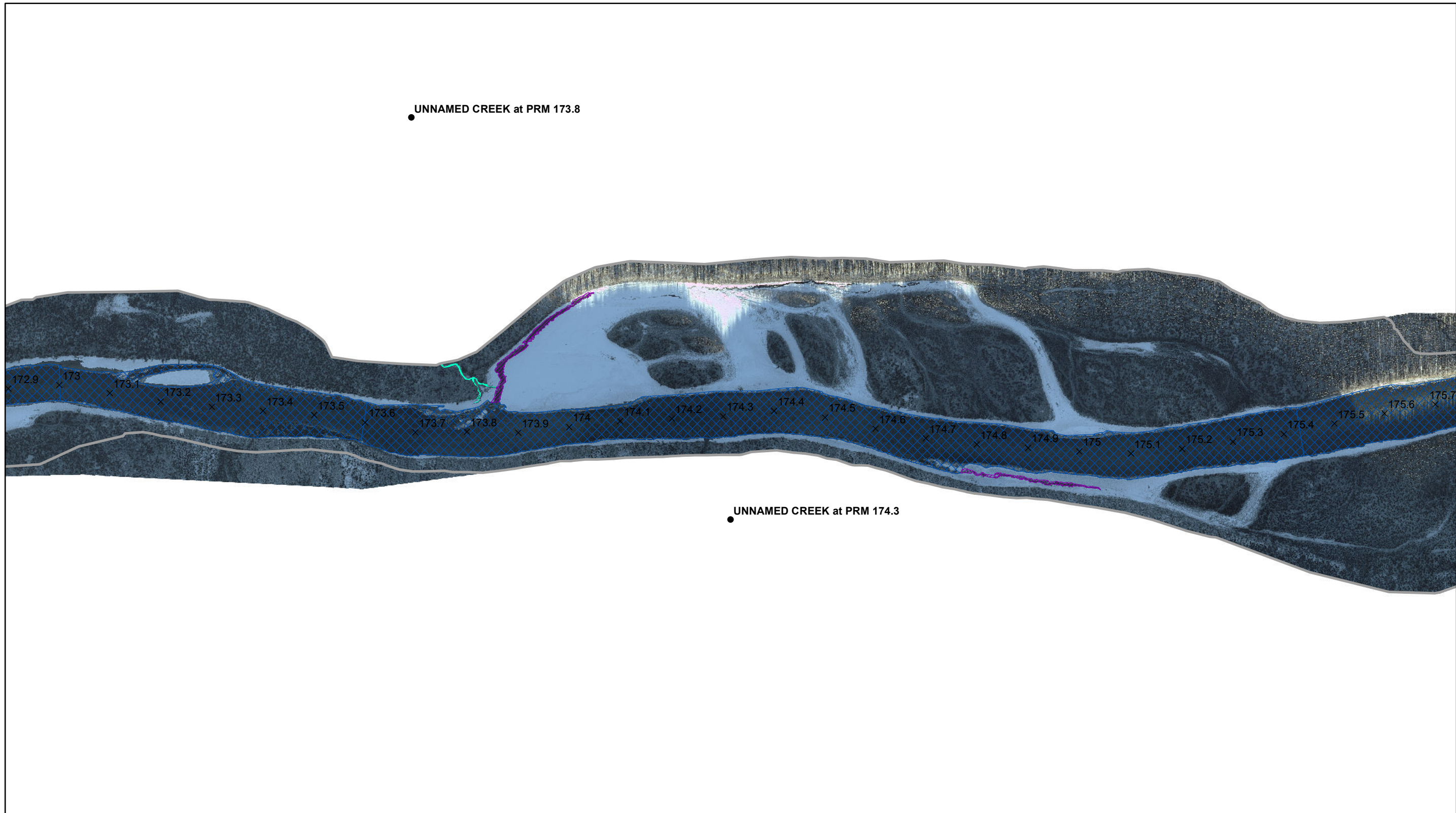
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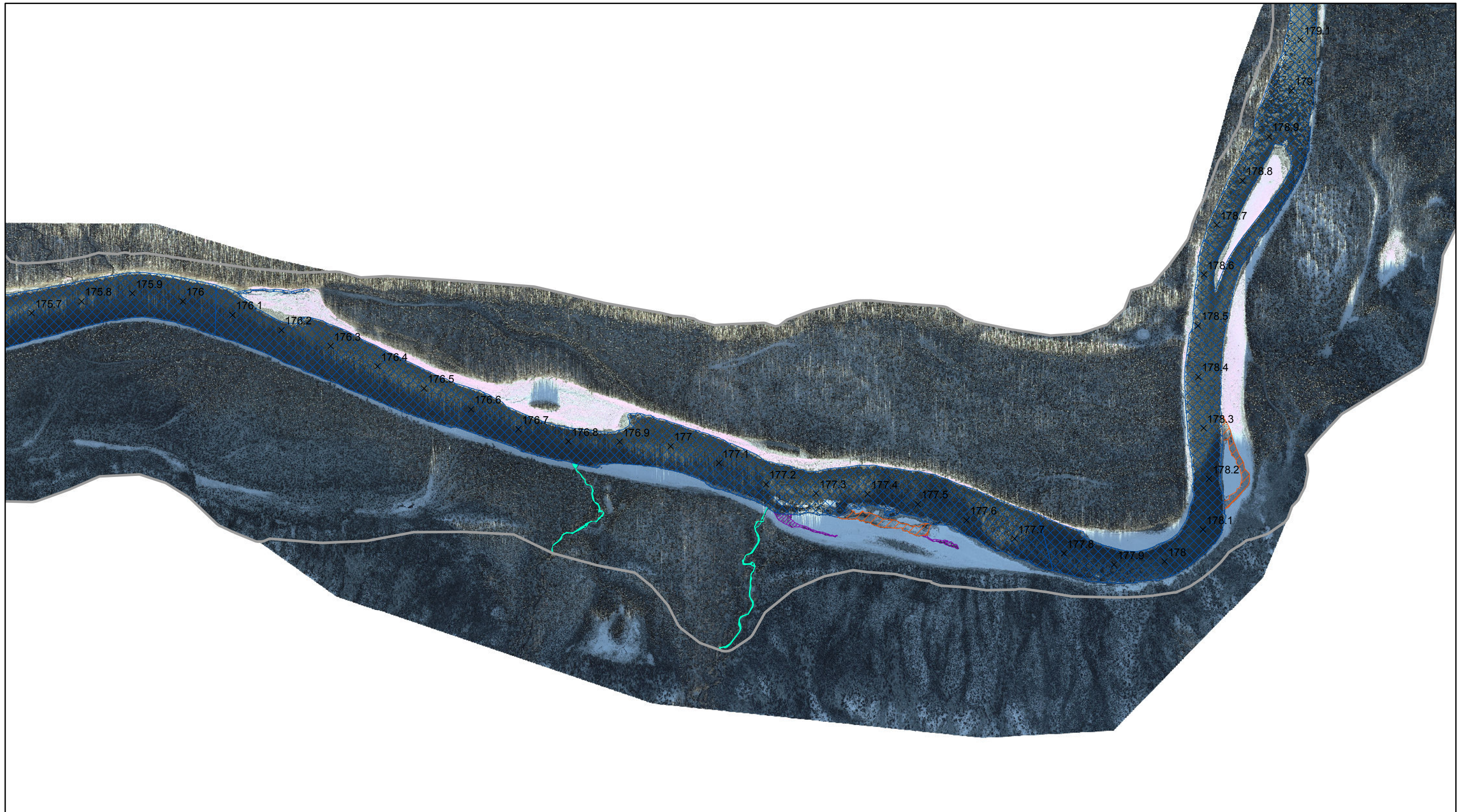
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**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: Imagery Date, Discharge (Gold Creek)
PRM 153.6 - 184.9: 11/06/2013 6,200cfs







0 1,000 2,000 Feet

1 inch = 1,000 feet

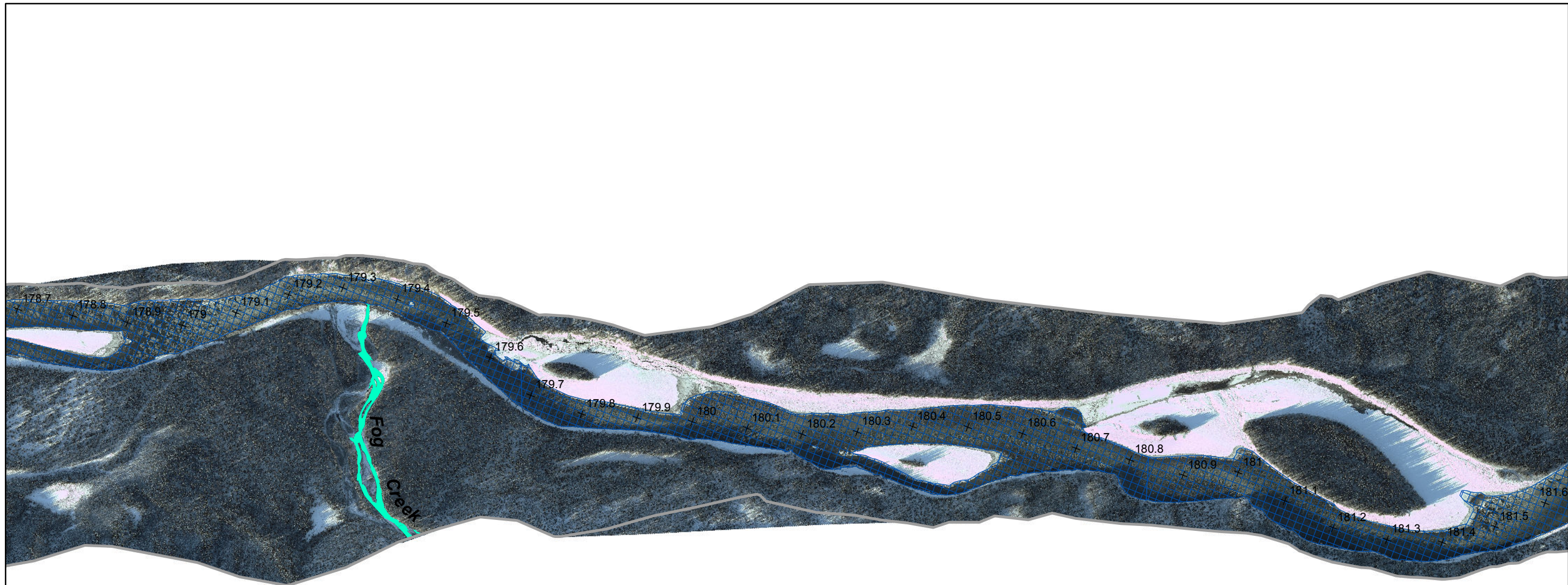
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See index page for legend and additional data information.

**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: PRM 153.6 - 184.9 Imagery Date: 11/06/2013 Discharge (Gold Creek): 6,200cfs





● FOG CREEK



0 1,000 2,000 Feet

1 inch = 1,000 feet

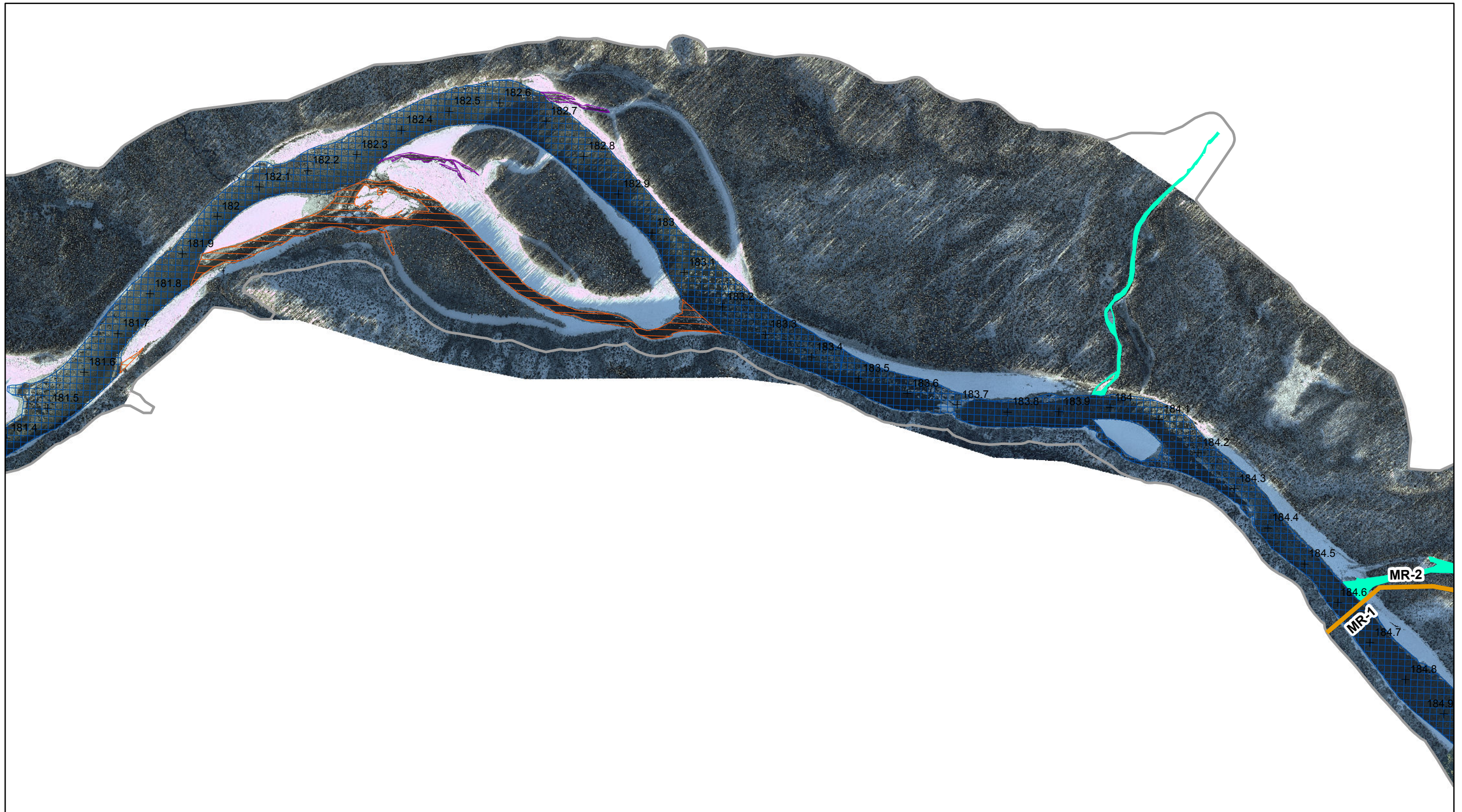
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**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: Imagery Date, Discharge (Gold Creek)
PRM 153.6 - 184.9: 11/06/2013 6,200cfs





0 1,000 2,000 Feet

1 inch = 1,000 feet

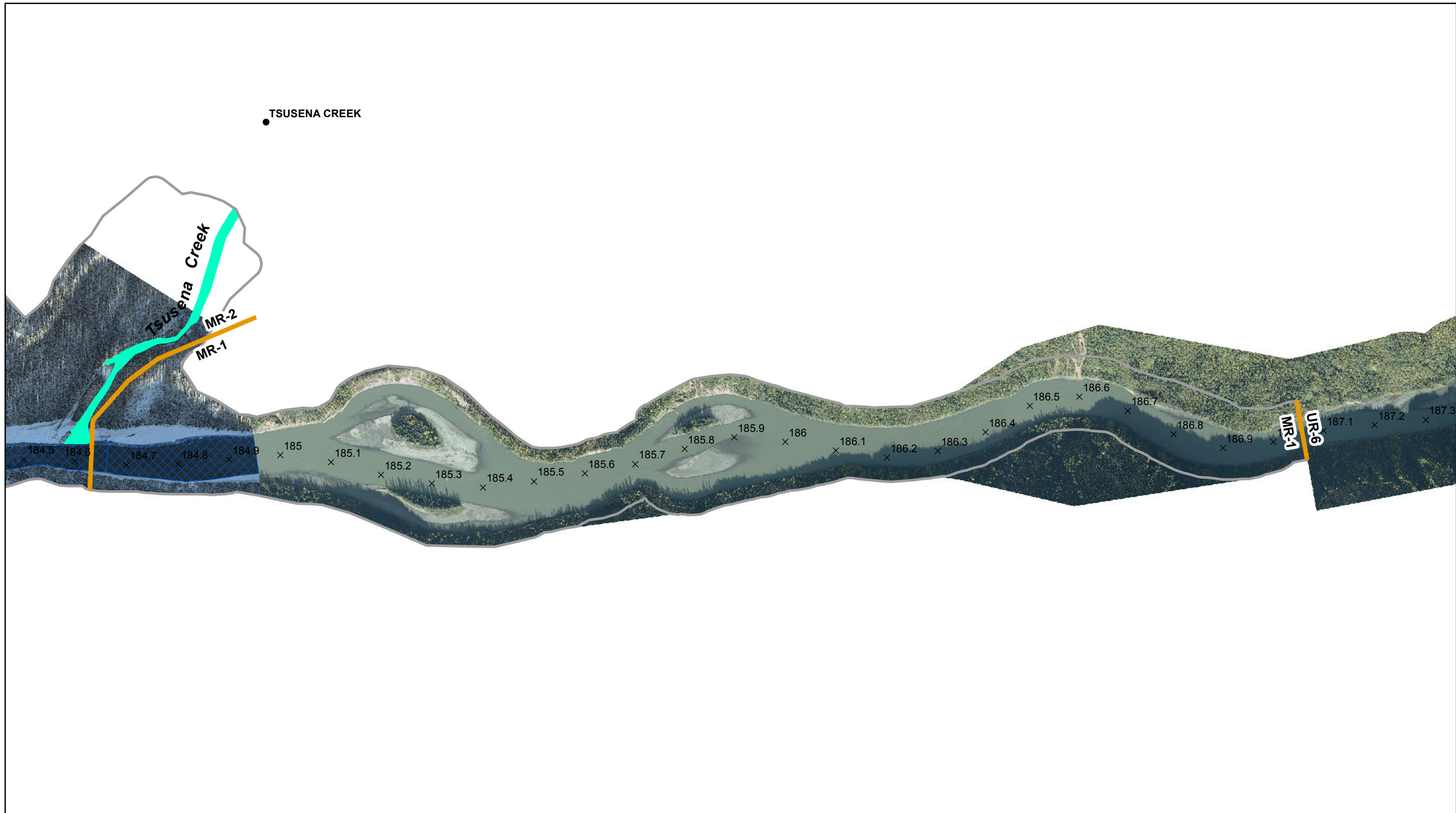
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**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: PRM 153.6 - 184.9 Imagery Date: 11/06/2013 Discharge (Gold Creek): 6,200cfs



See index page for legend and additional data information.



● TSUSENA CREEK

Tsusena Creek

MR-2
MR-1

MR-4
UR-6



0 1,000 2,000 Feet

1 inch = 1,000 feet

Sheet 34

**MIDDLE SUSITNA RIVER SEGMENT
2013 AQUATIC MACROHABITAT**

Location: _____ Imagery Date: _____ Discharge (Gold Creek)
PRM 153.6 - 184.9: 11/06/2013 6,200cfs



See index page for legend and additional data information.