

APPENDIX T. 2012 MIDDLE SUSITNA RIVER SEGMENT GEOMORPHIC FEATURES ON THE 2013 AERIALS

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

Geomorphology Study (6.5)

**Mapping of Geomorphic Features and Turnover
within the Middle and Lower Susitna River Segments
from 1950s, 1980s, and Current Aerials
Technical Memorandum**

Prepared for

Alaska Energy Authority



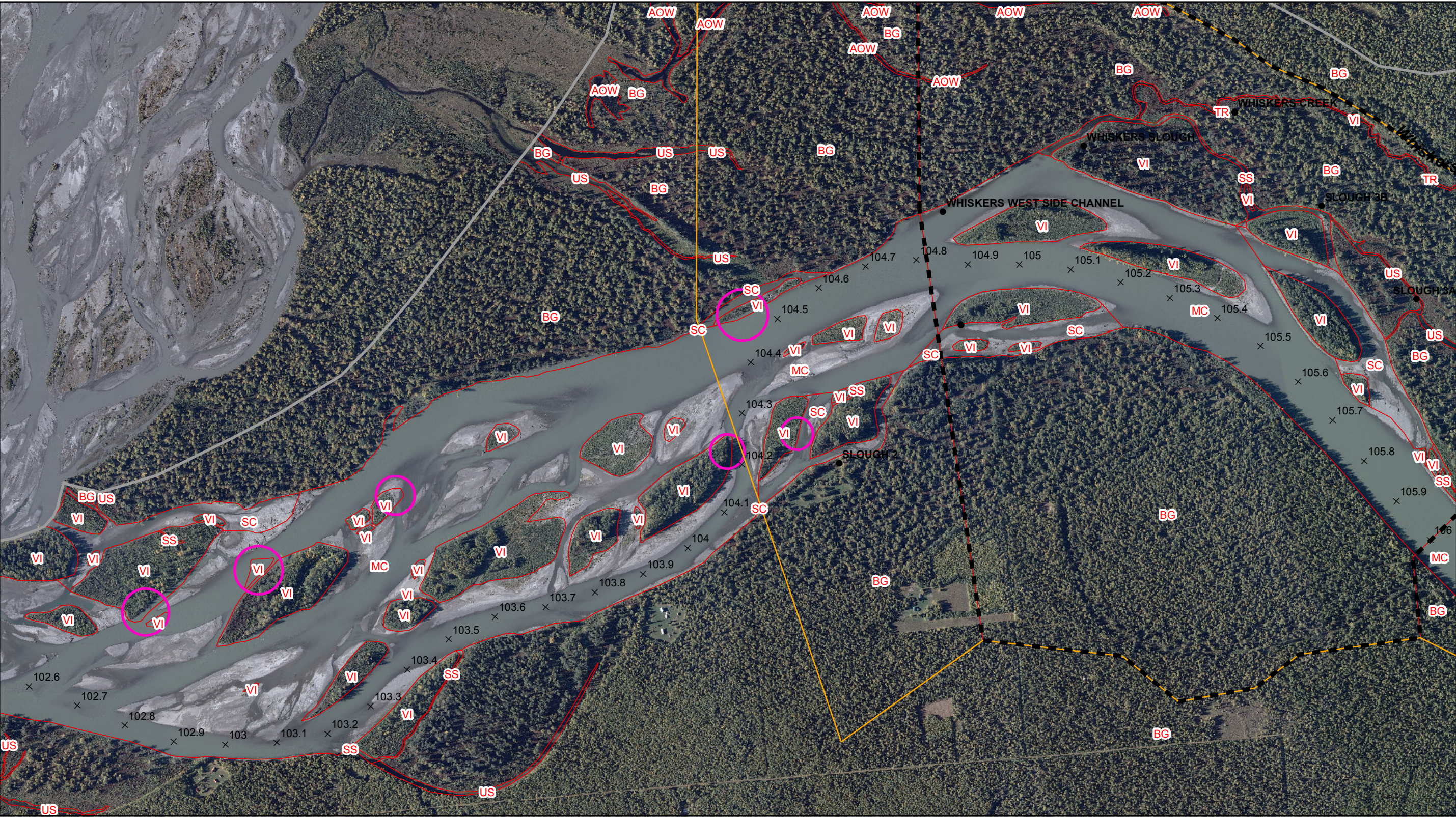
Prepared by

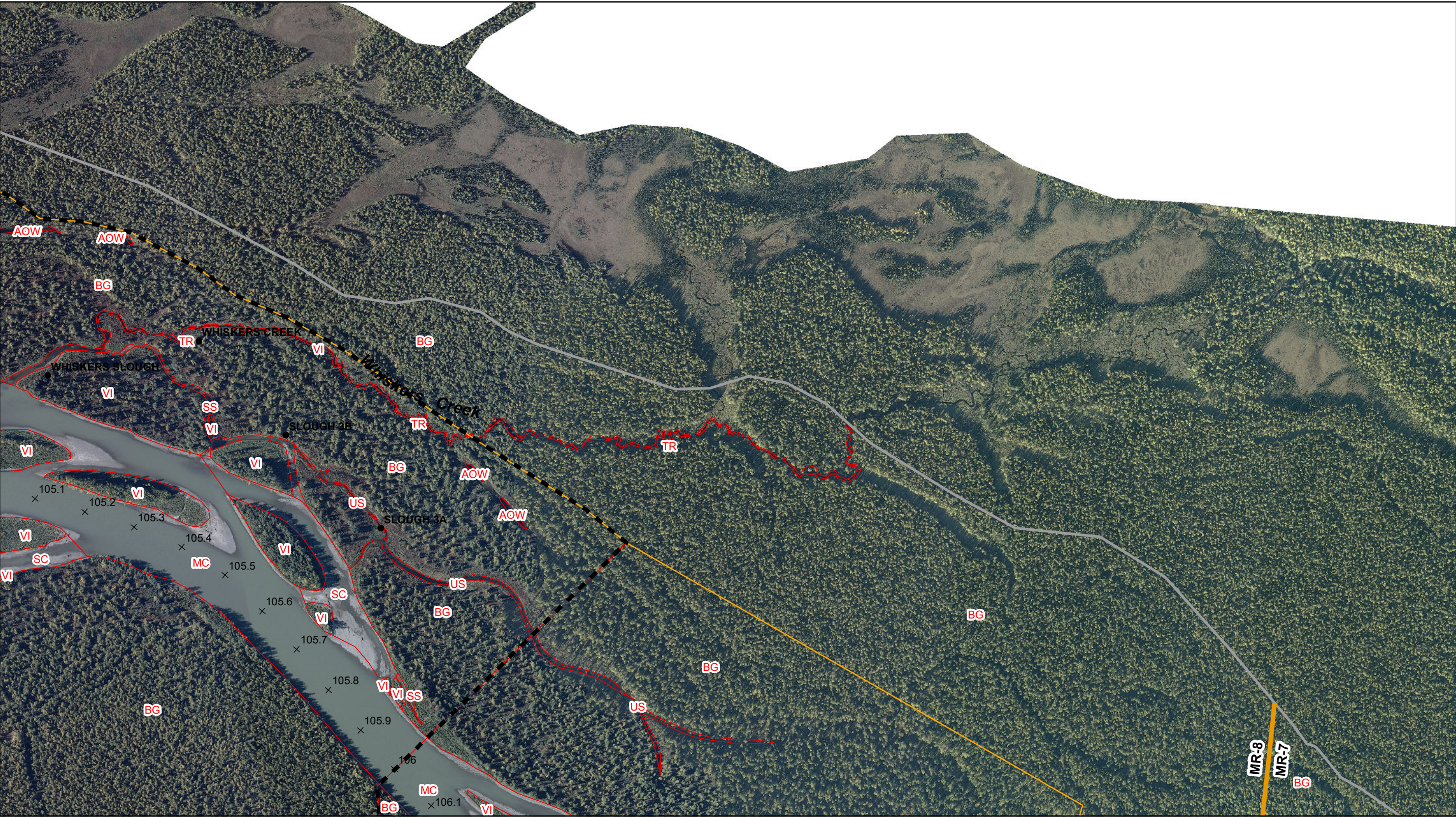
Tetra Tech Inc.

September 2014



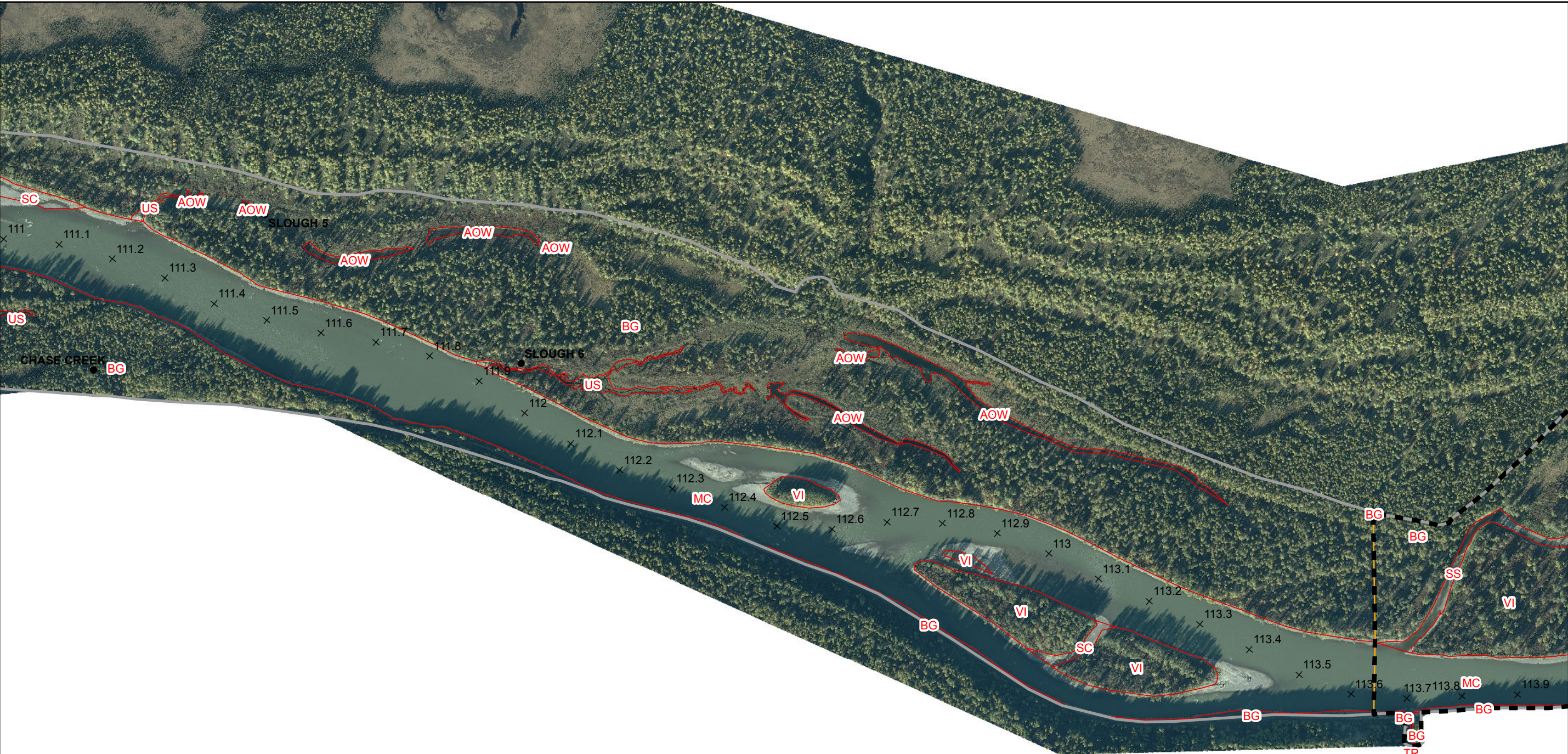












UNNAMED CREEK at PRM 113.7

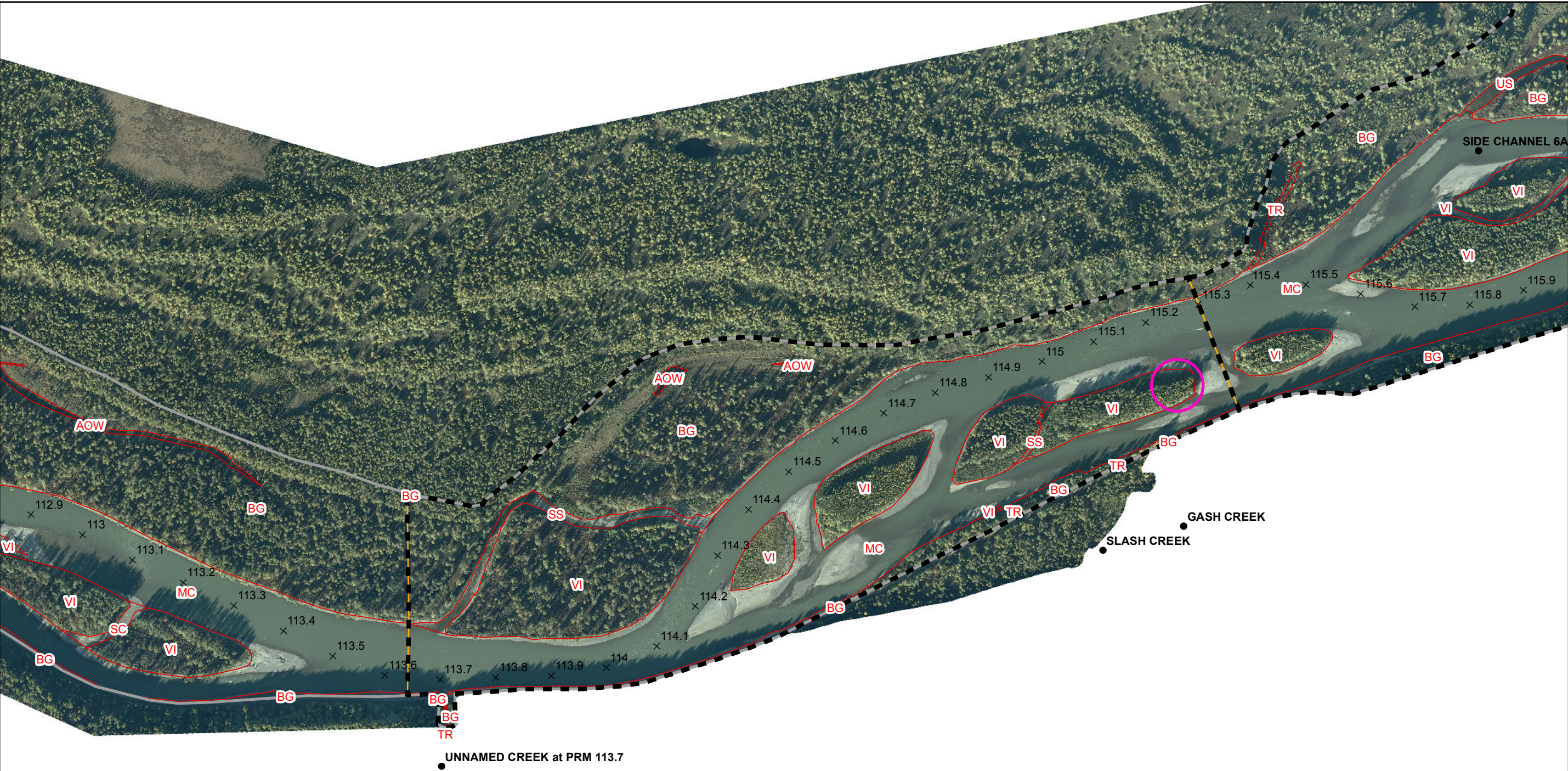


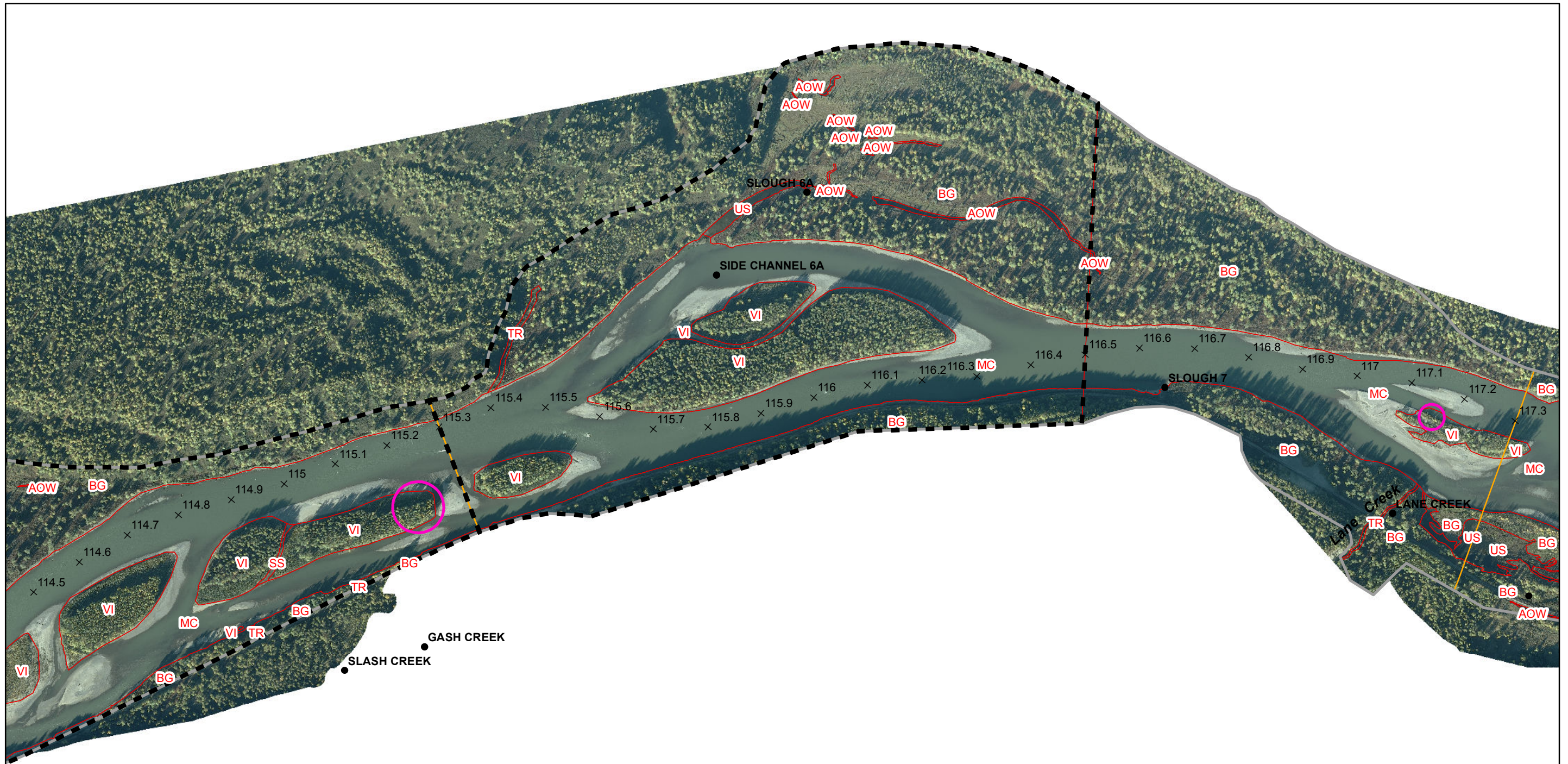
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1 inch = 1,000 feet
See index page for legend and additional data information.

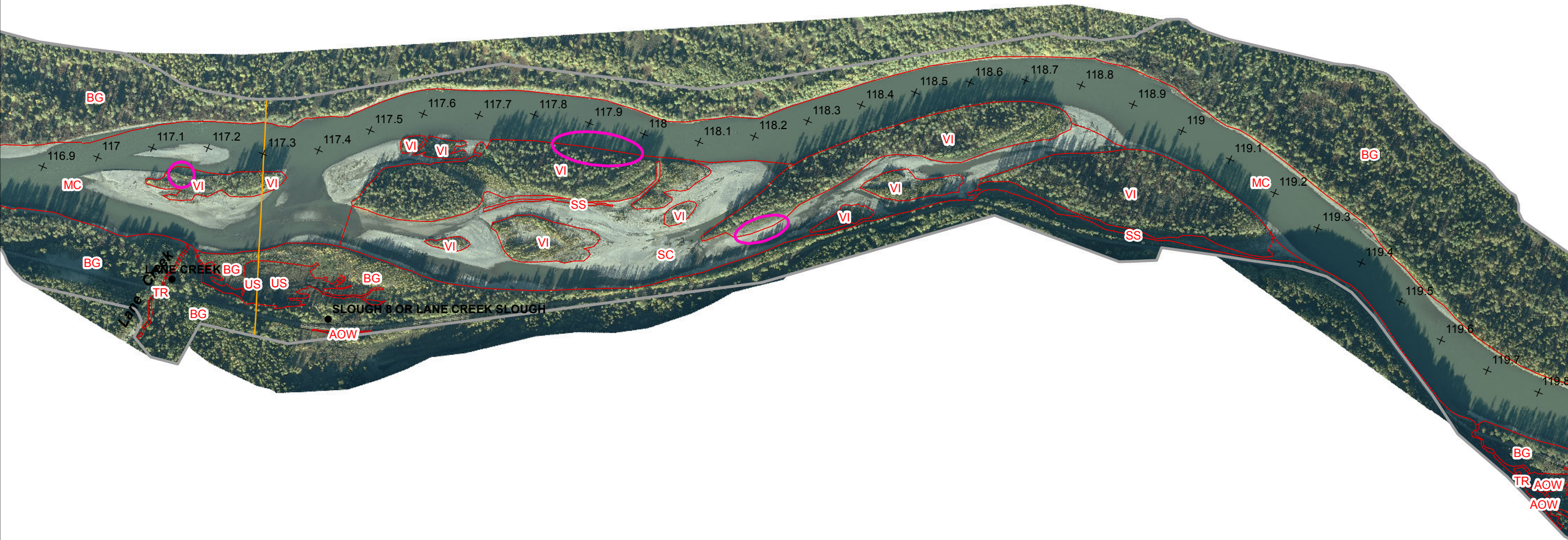
**MIDDLE SUSITNA RIVER SEGMENT
2012 GEOMORPHIC FEATURES
on 2013 Aerials**

Location:	Imagery Date:	Discharge (Gold Creek)	Location:	Imagery Date:	Discharge (Gold Creek)
PRM 102 - 149	09/24/2013,	11,300 cfs	PRM 149 - 183	11/06/2013	6,200 cfs
			PRM 183 - 187	09/16/2013	19,200 cfs

ALASKA
ENERGY AUTHORITY







0 1,000 2,000 Feet
1 inch = 1,000 feet
See index page for legend and additional data information.

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PRM 149 - 183	11/06/2013	6,200 cfs
PRM 183 - 187	09/16/2013	19,200 cfs







FIFTH OF JULY CREEK

AOW

US

US

BG

TR

BG

VI

SC

VI

SC

VI

SC

BG

MC

VI

SC

VI

SC

VI

SLOUGH A

SLOUGH A

BG

TR

BG

SKULL CREEK SIDE CHANNEL



0 1,000 2,000 Feet
1 inch = 1,000 feet
See index page for legend and additional data information.

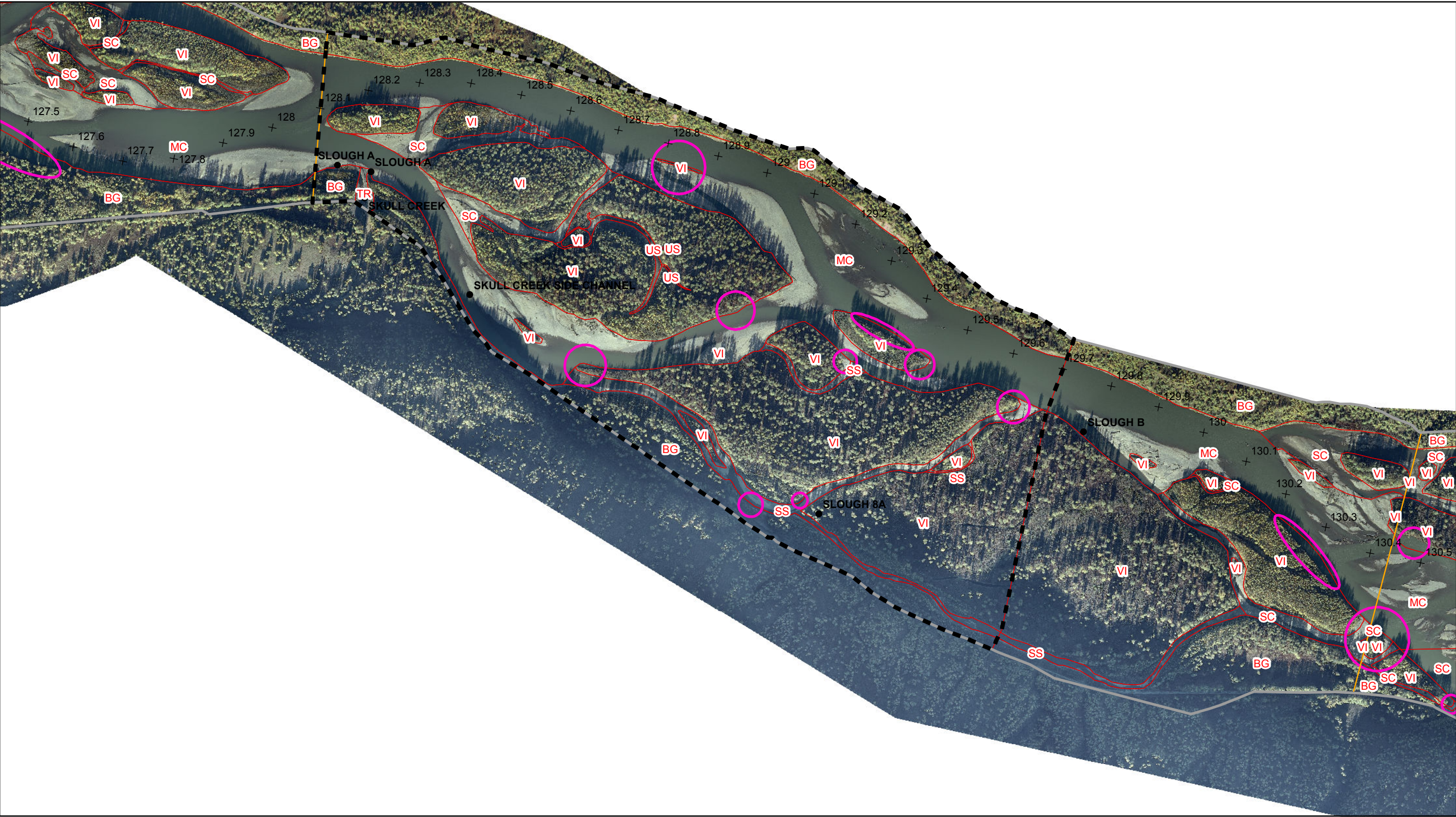
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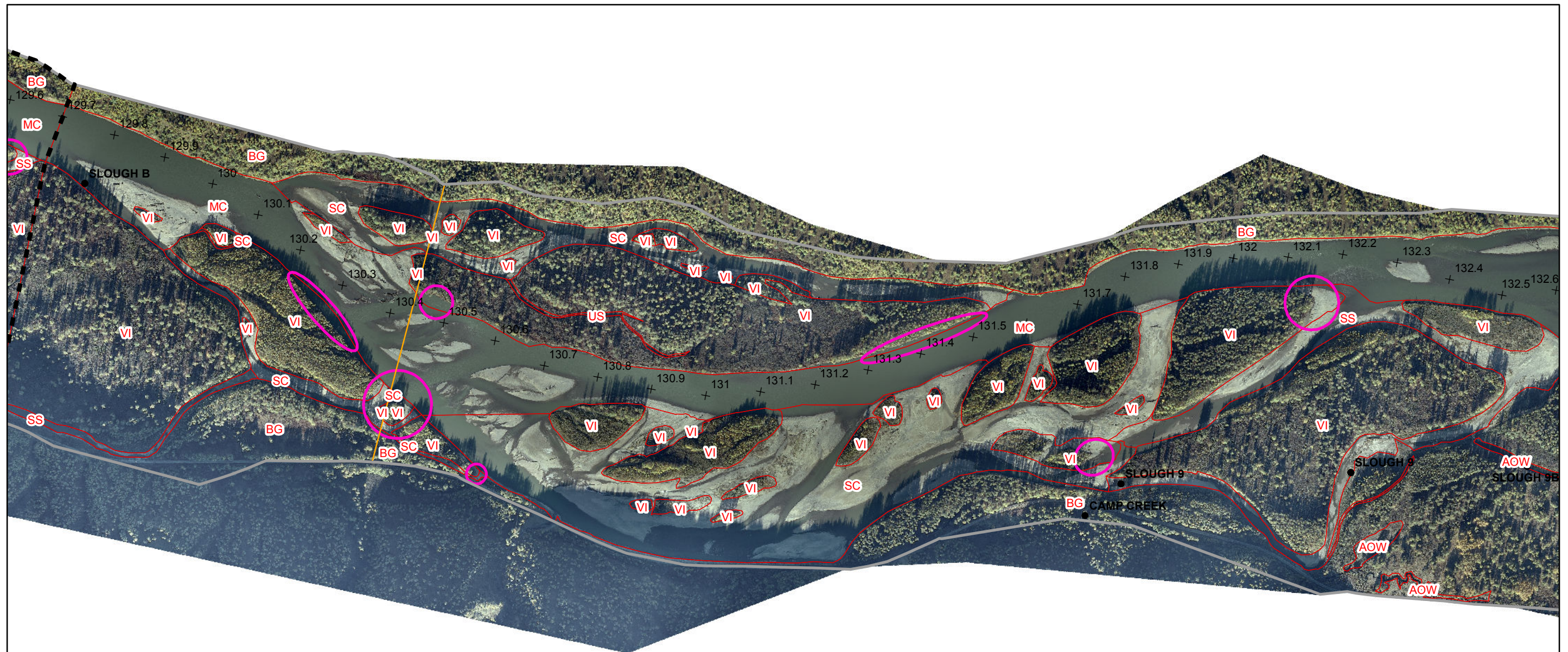
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PRM 183 - 187	09/16/2013	19,200 cfs







0 1,000 2,000 Feet

1 inch = 1,000 feet

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See index page for legend and additional data information.

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2012 GEOMORPHIC FEATURES
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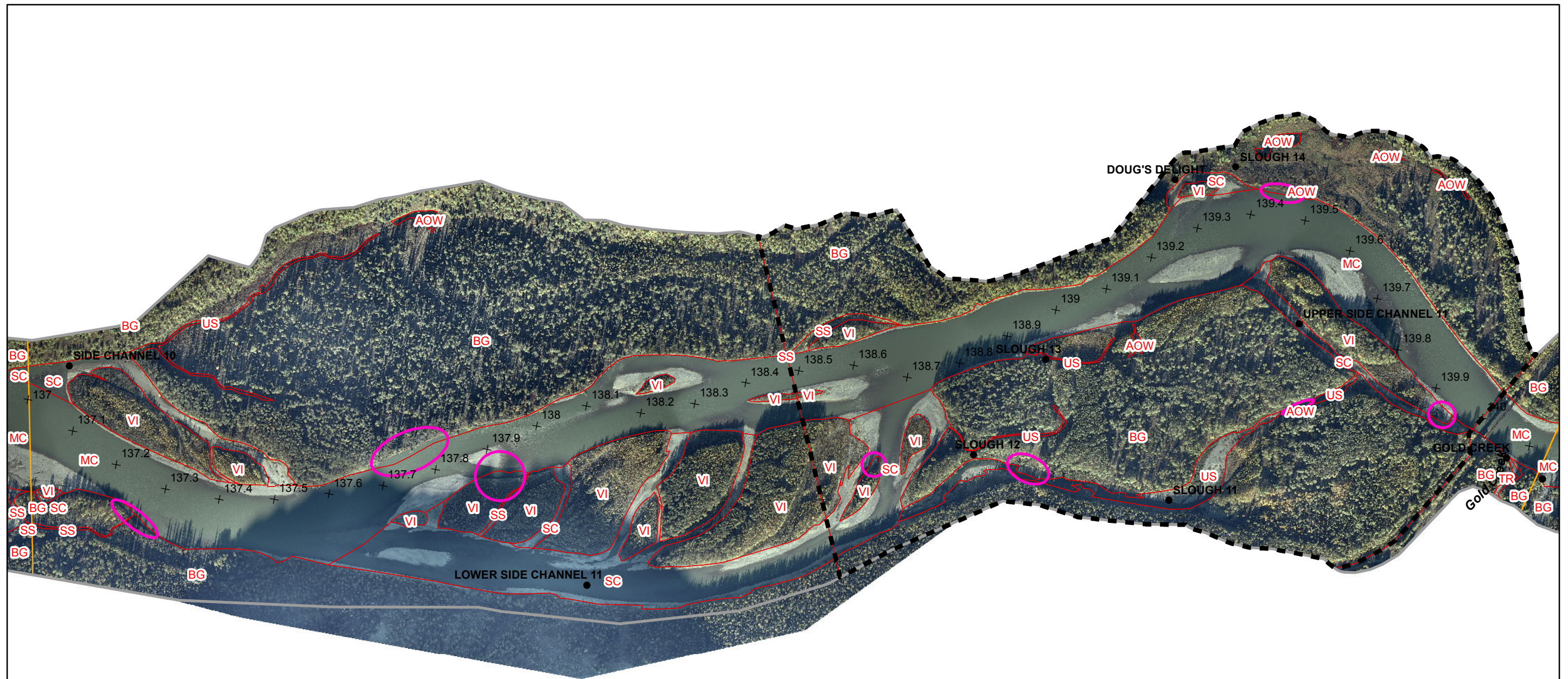
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Location:	Imagery Date:	Discharge (Gold Creek)
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0 1,000 2,000 Feet

1 inch = 1,000 feet

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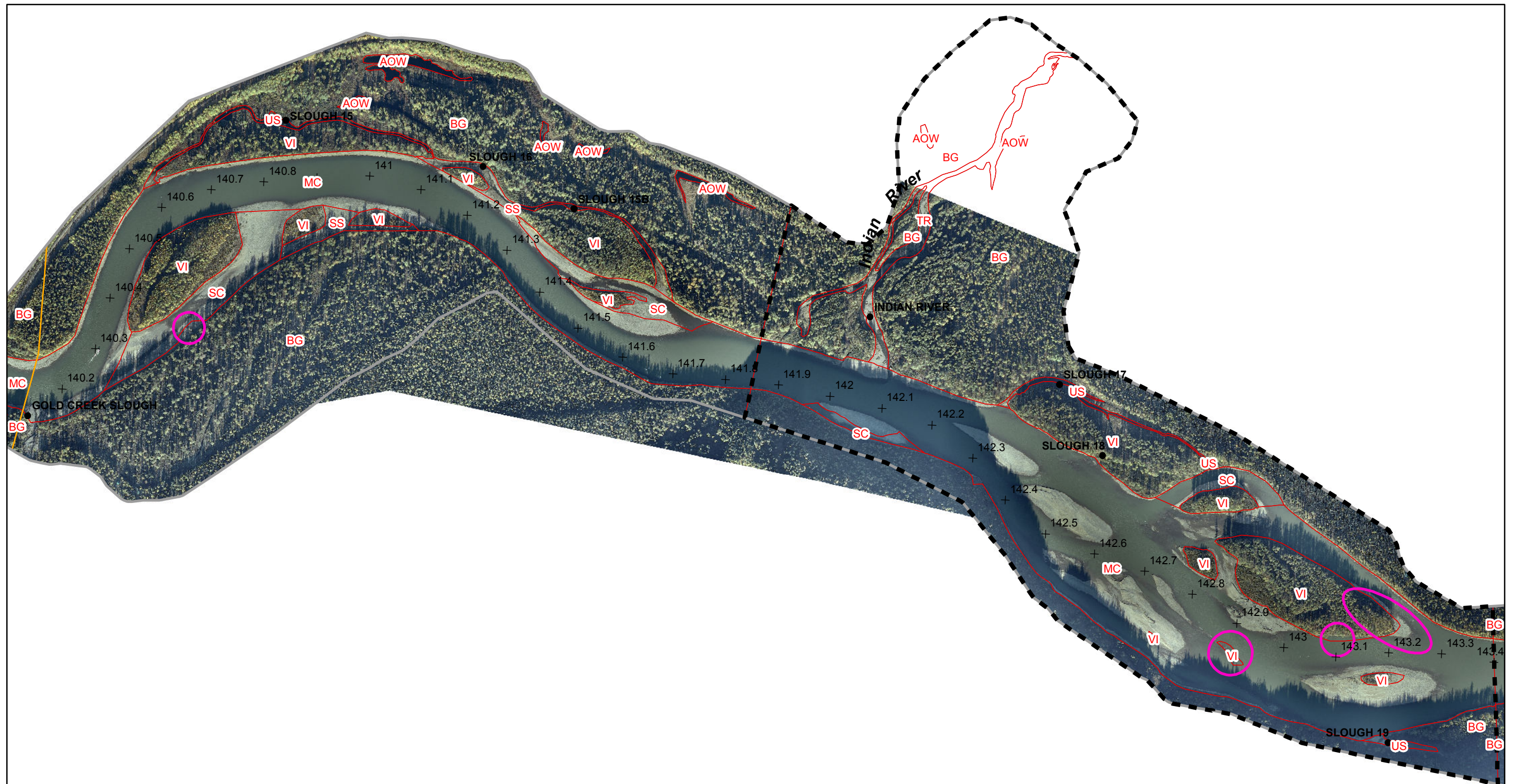
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0 1,000 2,000 Feet

1 inch = 1,000 feet

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2012 GEOMORPHIC FEATURES
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● UNNAMED CREEK at PRM 144.6



0 1,000 2,000
Feet

1 inch = 1,000 feet

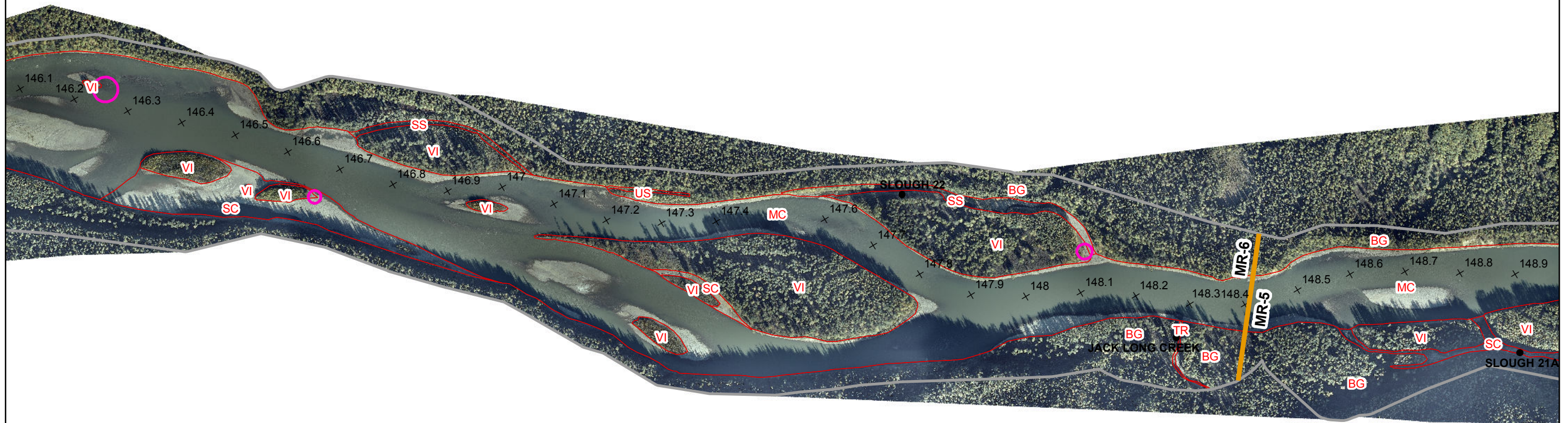
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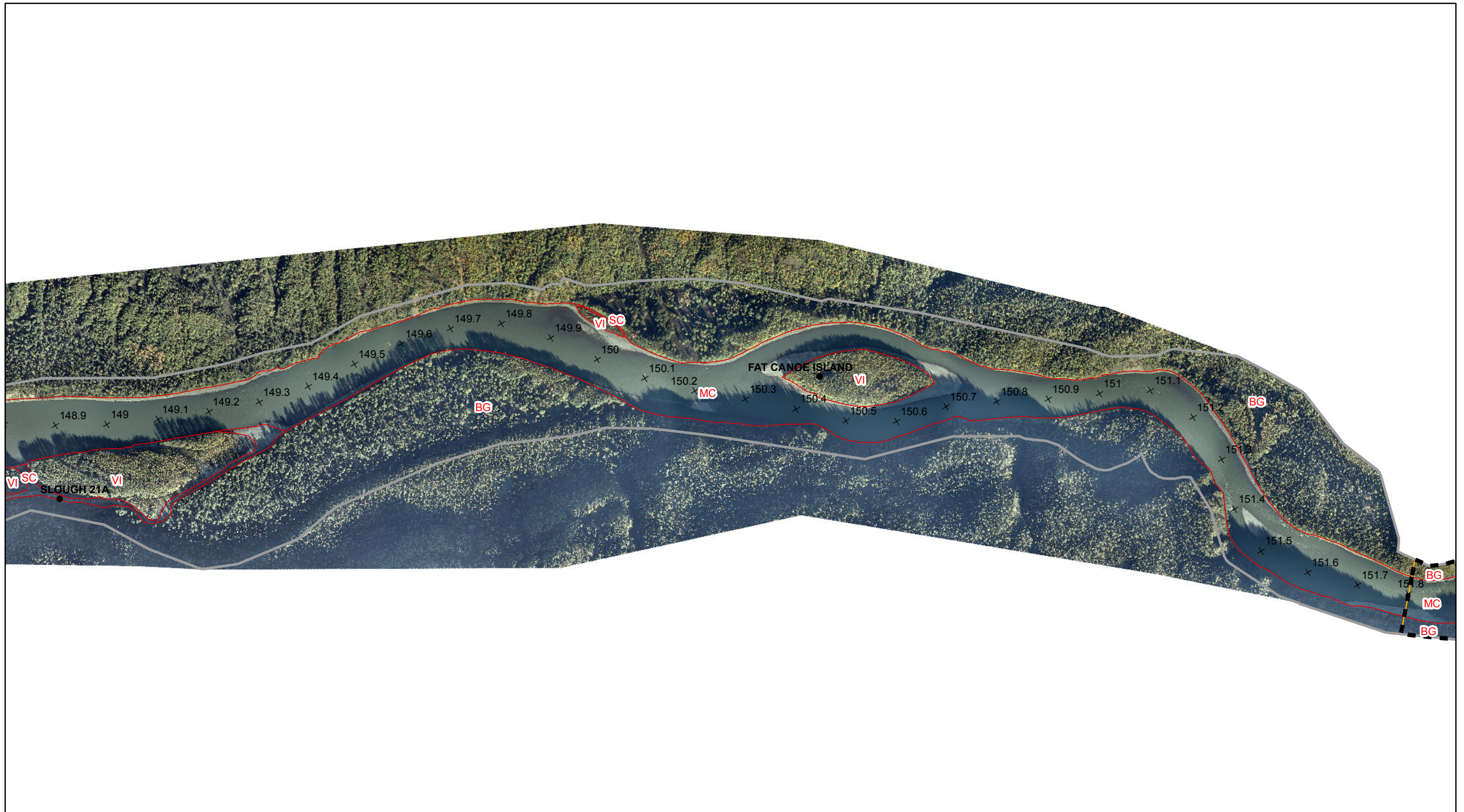
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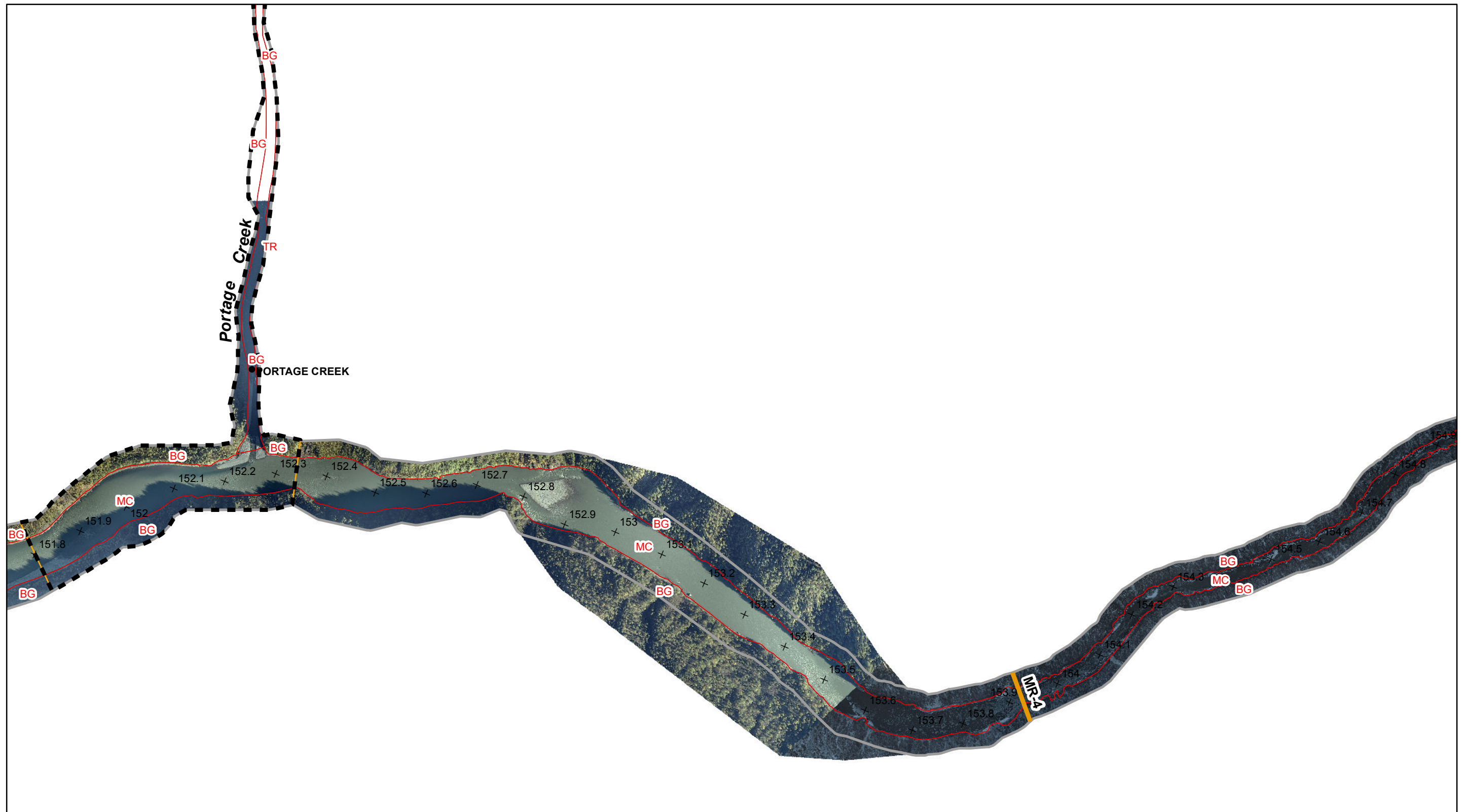
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Location:	Imagery Date:	Discharge (Gold Creek)
PRM 149 - 183	11/06/2013	6,200 cfs
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0 1,000 2,000
Feet

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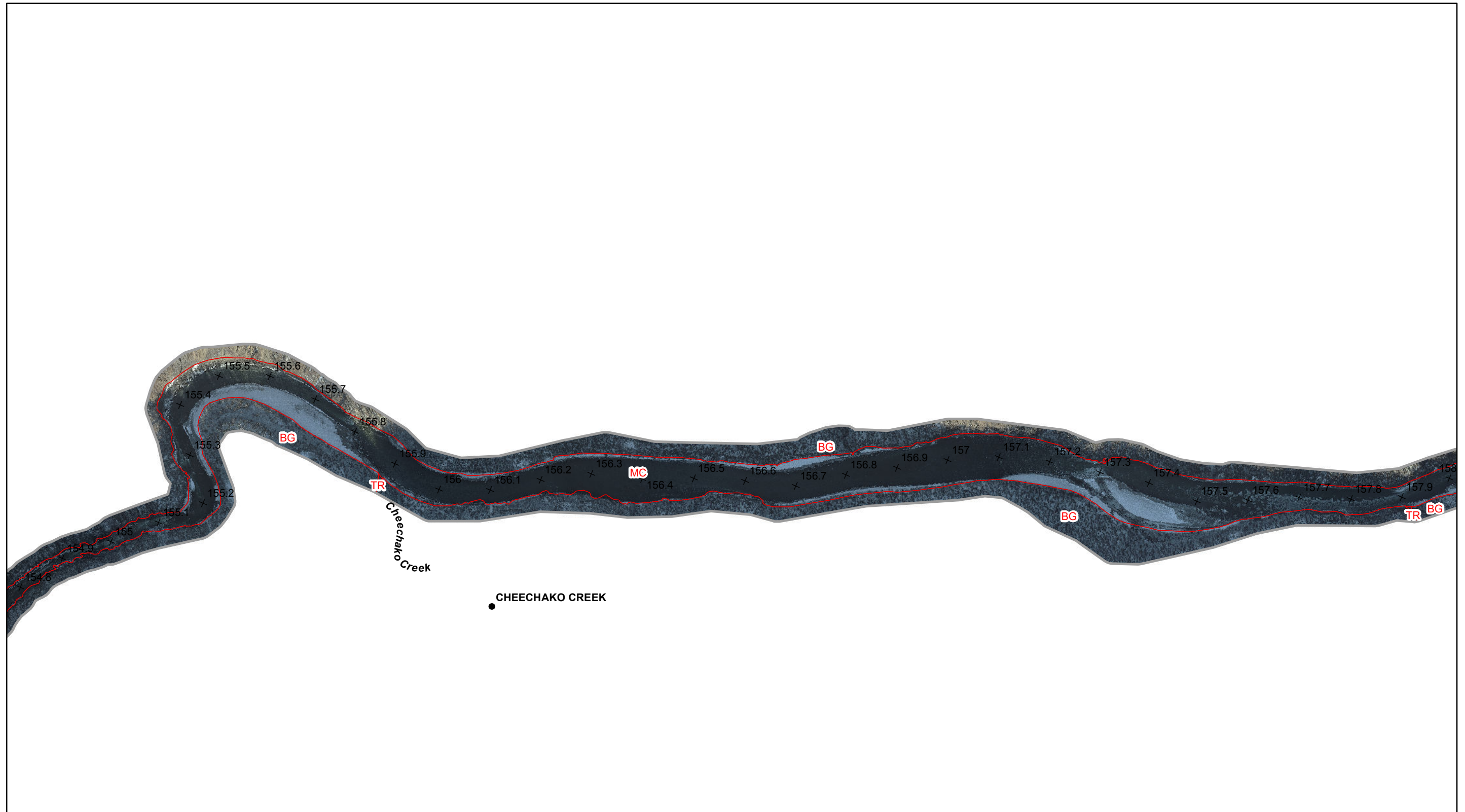
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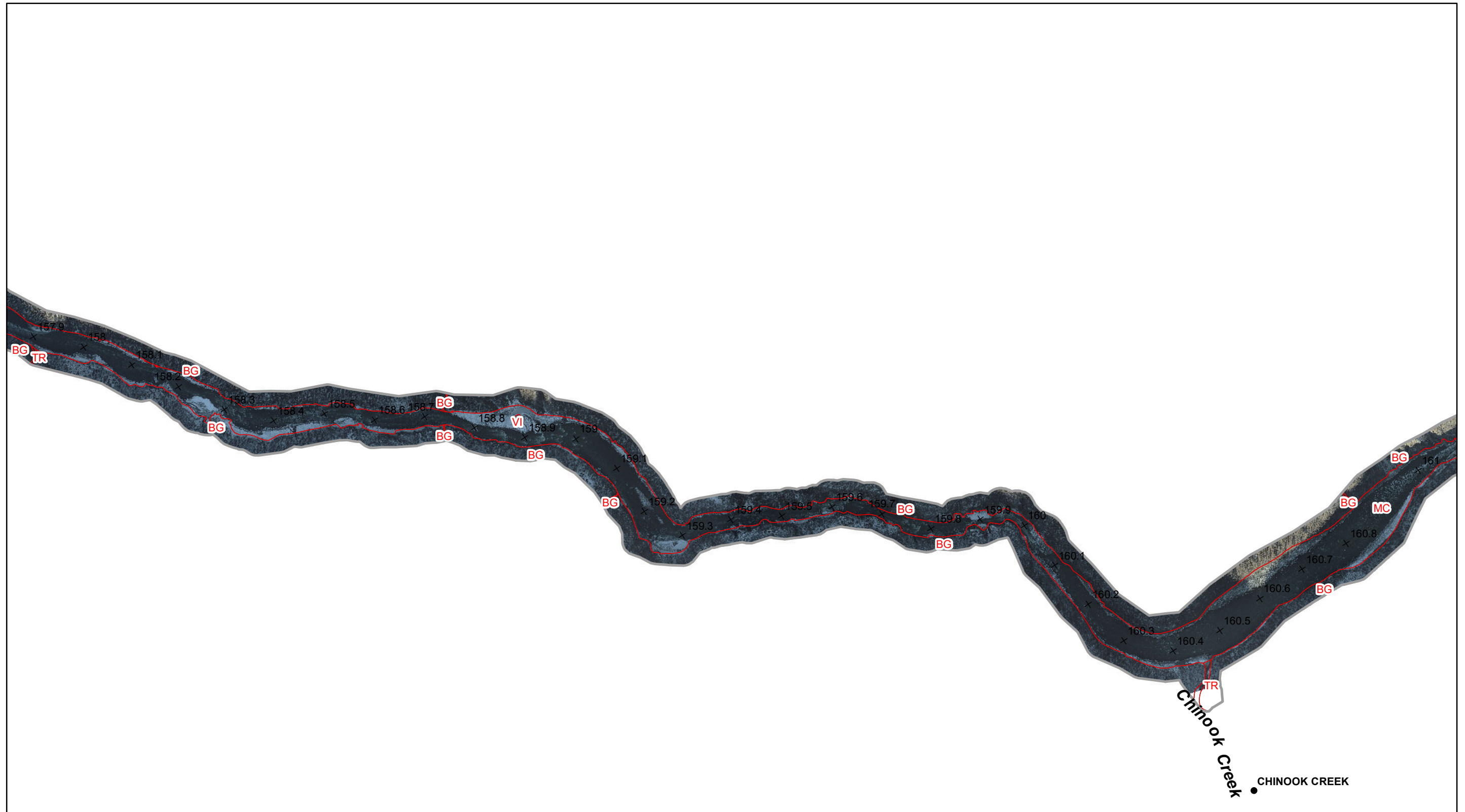
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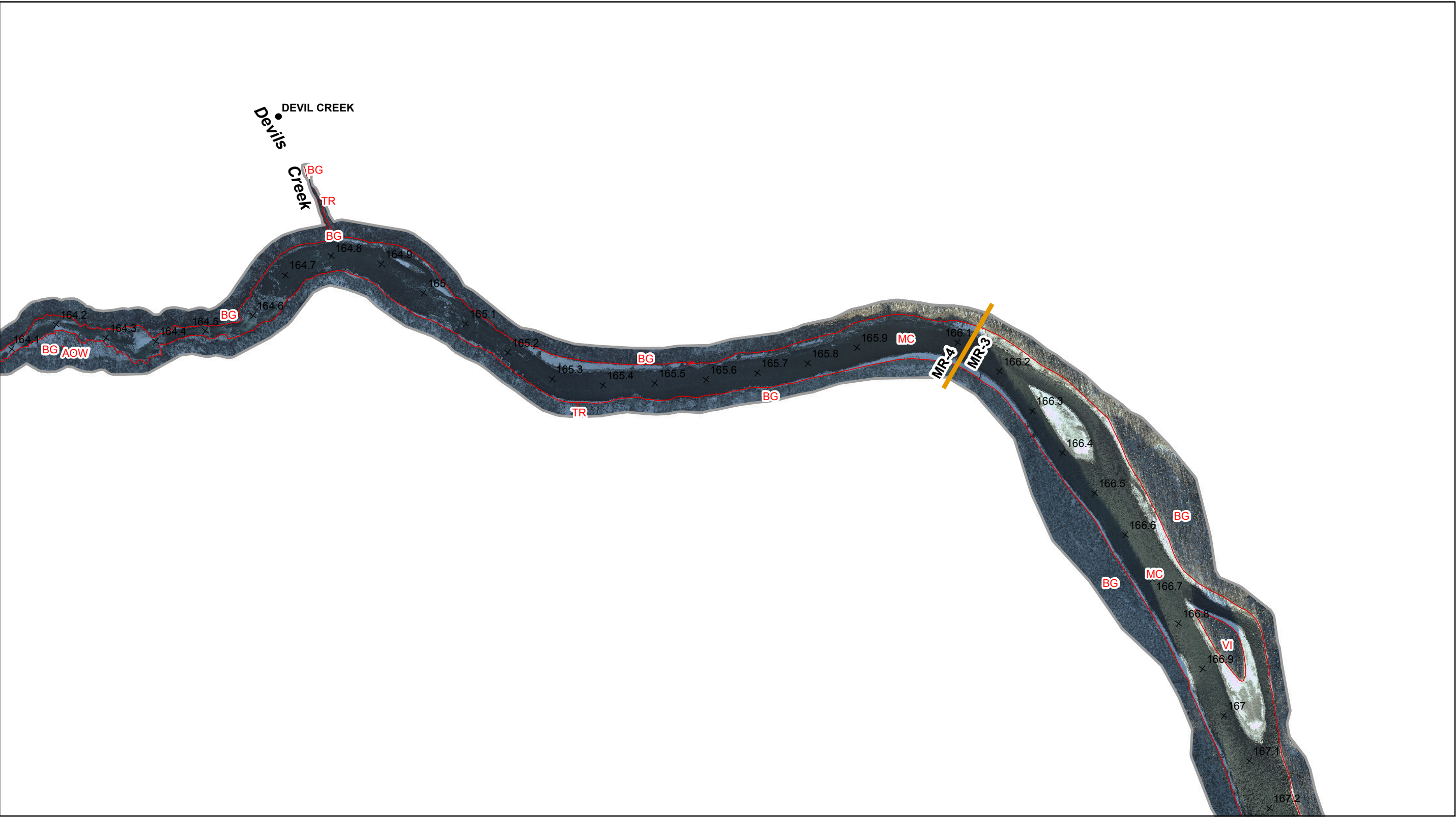
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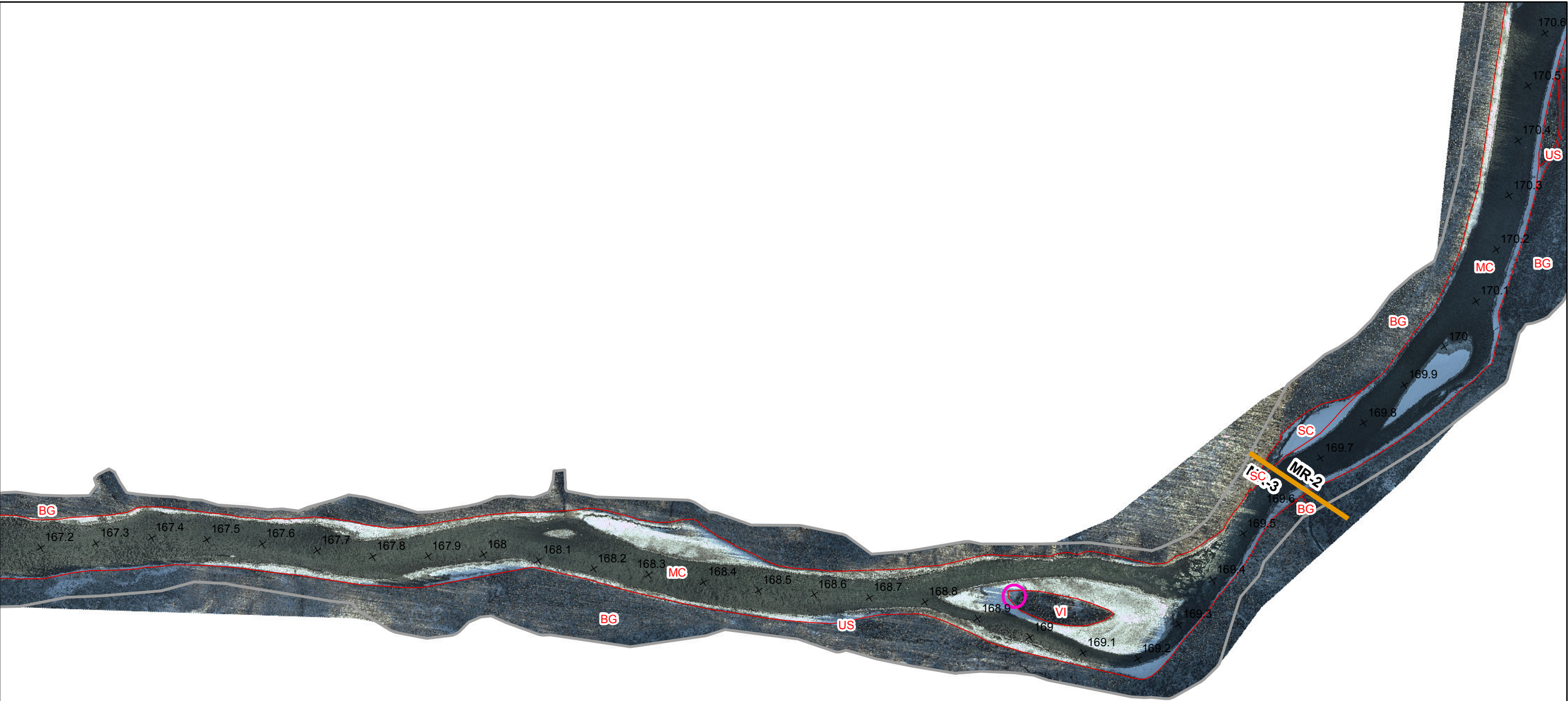


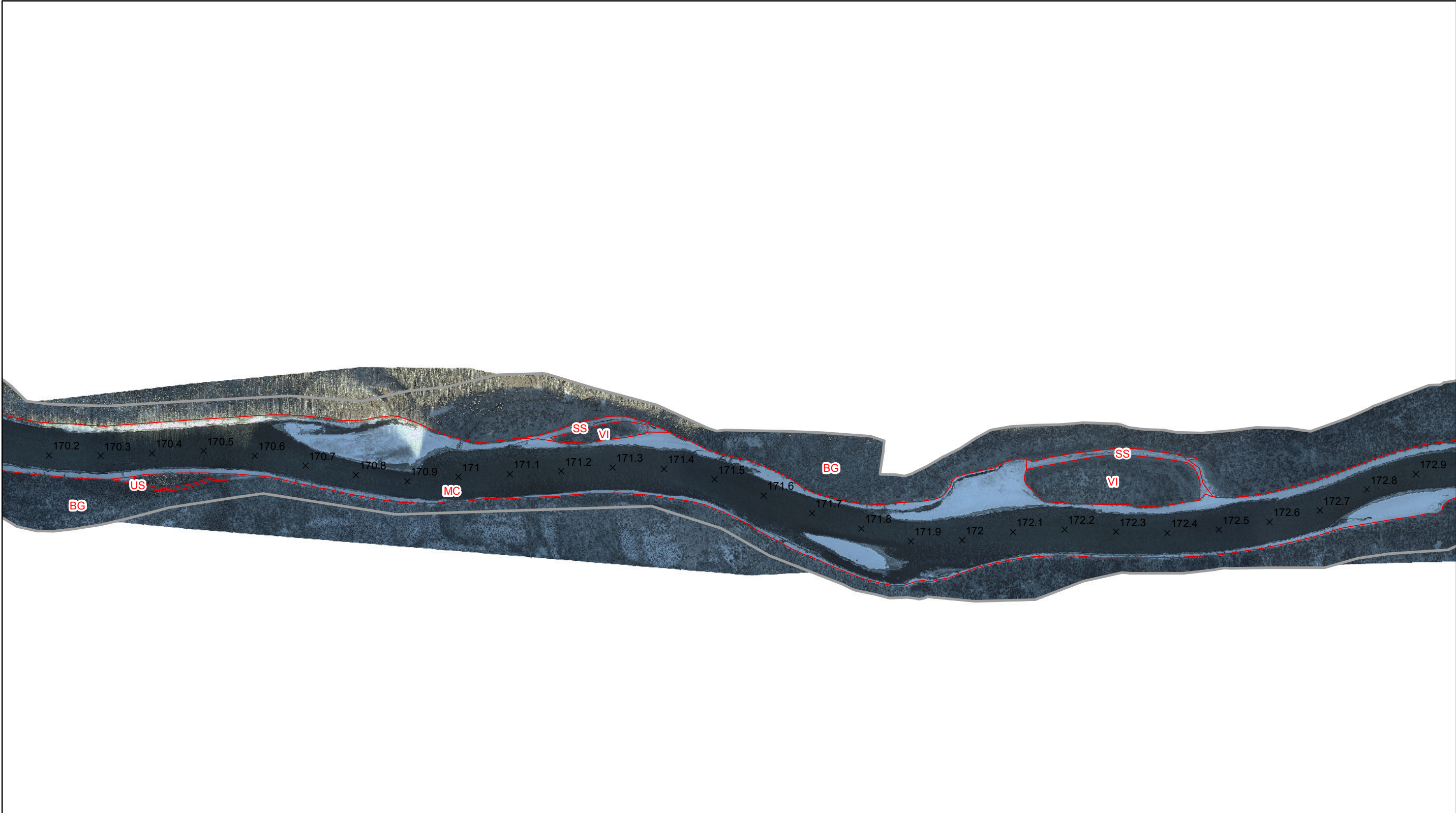


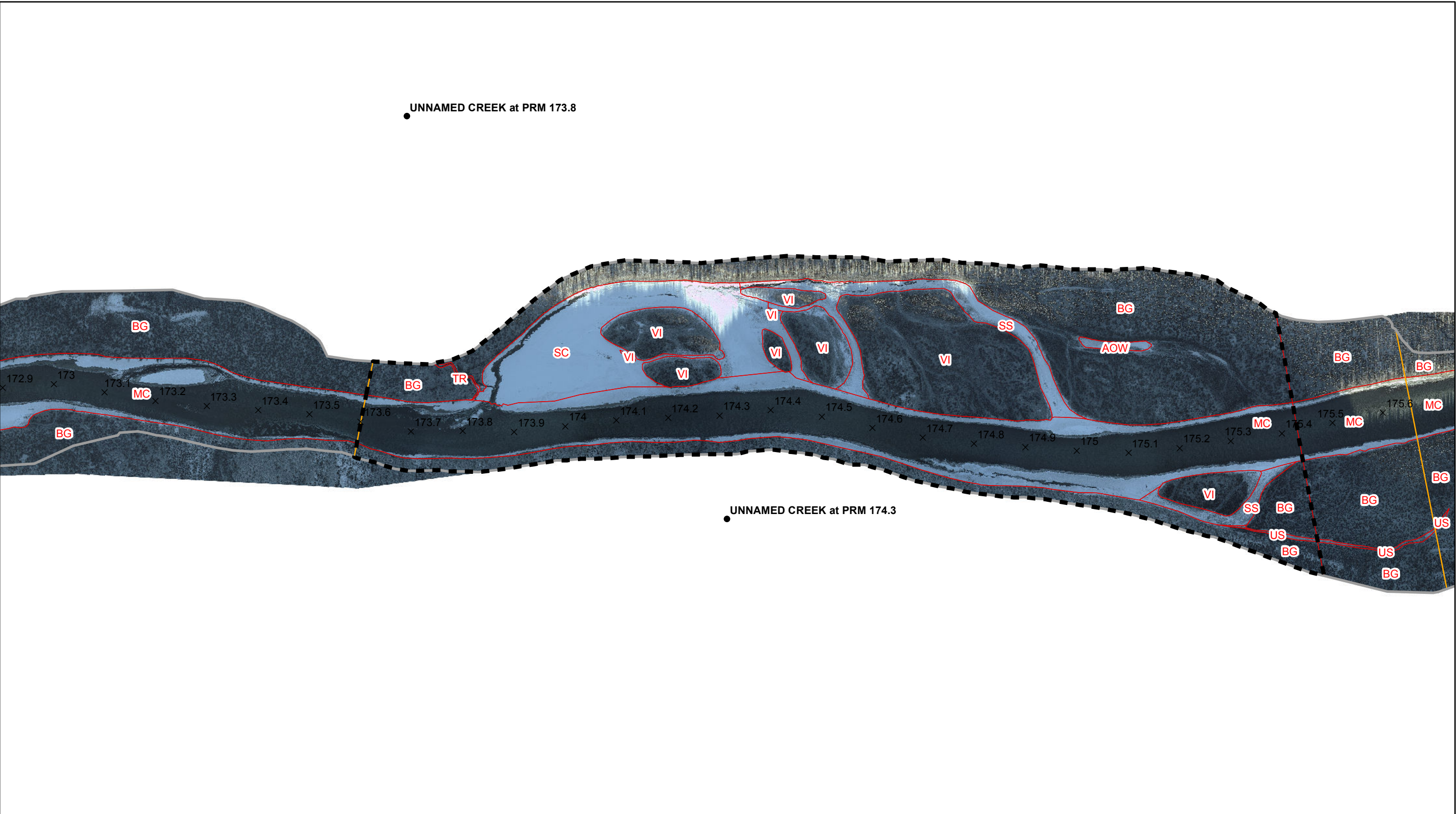


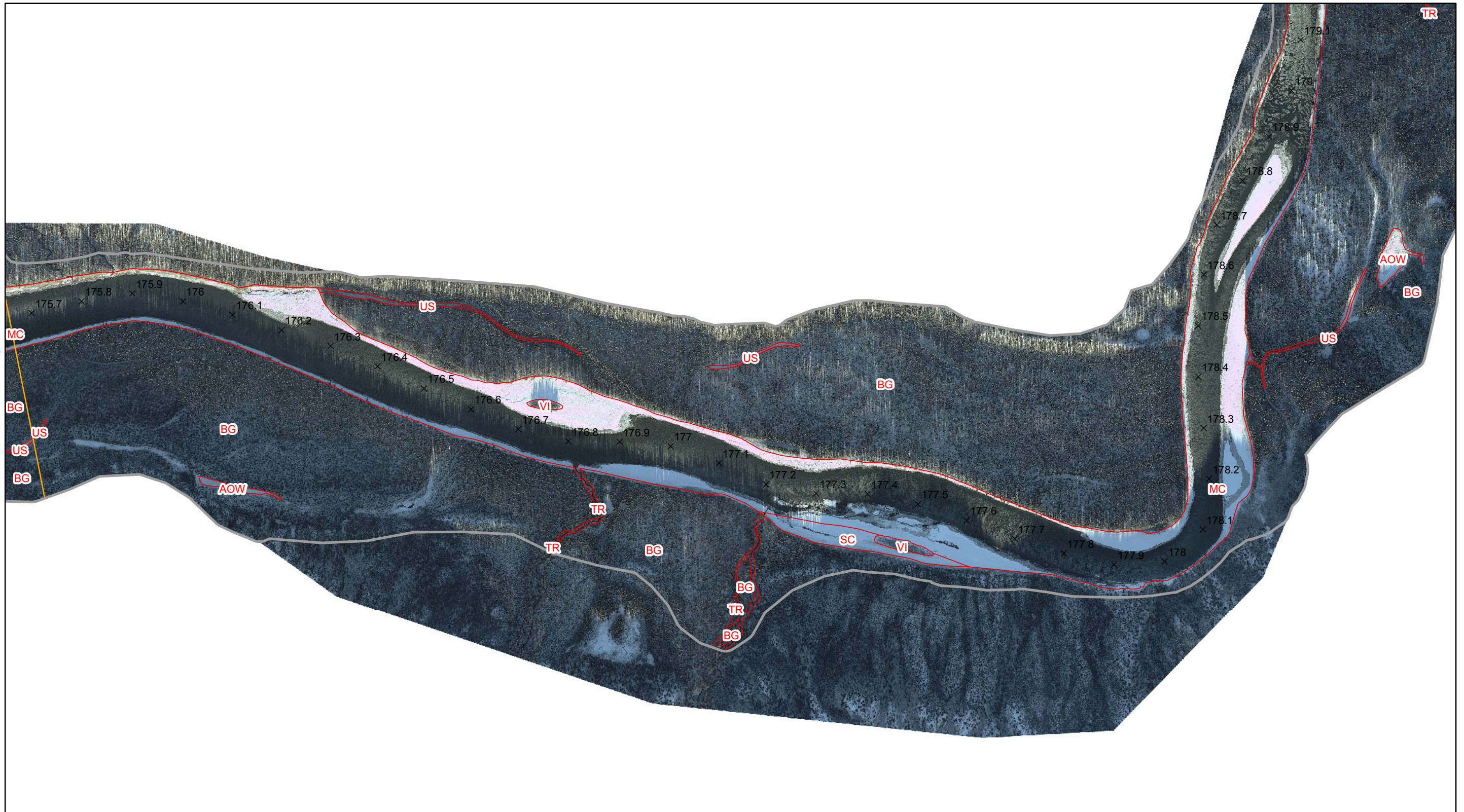


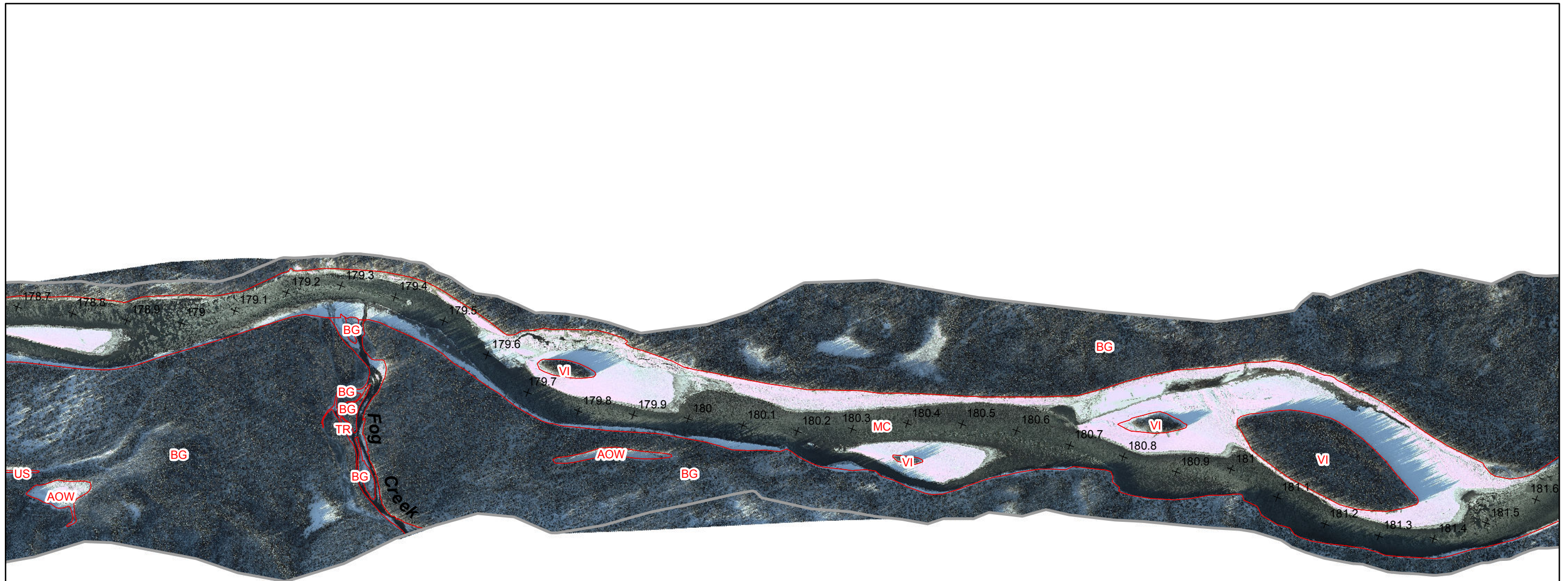












FOG CREEK



0 1,000 2,000 Feet

1 inch = 1,000 feet

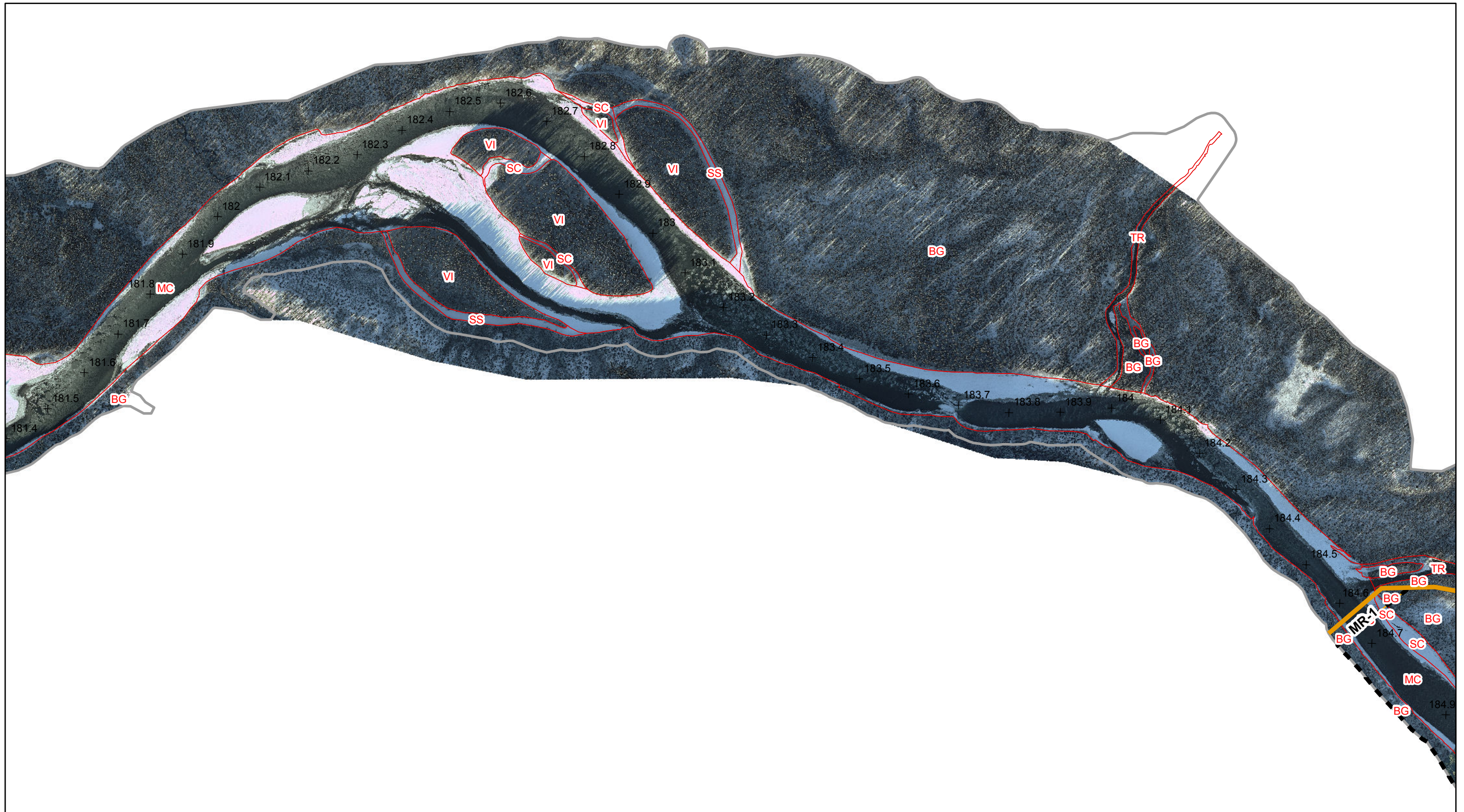
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0 1,000 2,000 Feet

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