

Susitna-Watana Hydroelectric Project Document

ARLIS Uniform Cover Page

Title: Geomorphology study (Study 6.5), updated mapping of aquatic macrohabitat types in the middle Susitna River segment from 1980s and current aerials, technical memorandum. Appendices		SuWa 240
Author(s) – Personal:		
Author(s) – Corporate: Tetra Tech, Inc.		
AEA-identified category, if specified: September 26, 2014 technical memorandum filings		
AEA-identified series, if specified:		
Series (ARLIS-assigned report number): Susitna-Watana Hydroelectric Project document number 240	Existing numbers on document:	
Published by: [Anchorage, Alaska : Alaska Energy Authority, 2014]	Date published: September 2014	
Published for: Alaska Energy Authority	Date or date range of report:	
Volume and/or Part numbers: Attachment A, appendices	Final or Draft status, as indicated:	
Document type: Technical memorandum	Pagination: 72 p. in various pagings	
Related work(s): Cover letter to this report: Susitna-Watana Hydroelectric Project, FERC Project no. 14241-000; Second set of 2014 technical memoranda for Initial Study Plan meetings. (SuWa 239) Attachments B-G (SuWa 241-246)	Pages added/changed by ARLIS:	
Notes: Contents of this volume: Appendix A. 1983 middle Susitna River segment aquatic macrohabitat types -- Appendix B. Current (2012/2013) middle Susitna River segment aquatic macrohabitat types -- Appendix C. 2013 middle Susitna River segment aquatic macrohabitat types. The main report that this set of appendices supplements is in the regular collection at: TK1425.S8S92 no.240		

All reports in the Susitna-Watana Hydroelectric Project Document series include an ARLIS-produced cover page and an ARLIS-assigned number for uniformity and citability. All reports are posted online at <http://www.arlis.org/resources/susitna-watana/>



APPENDIX A. 1983 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

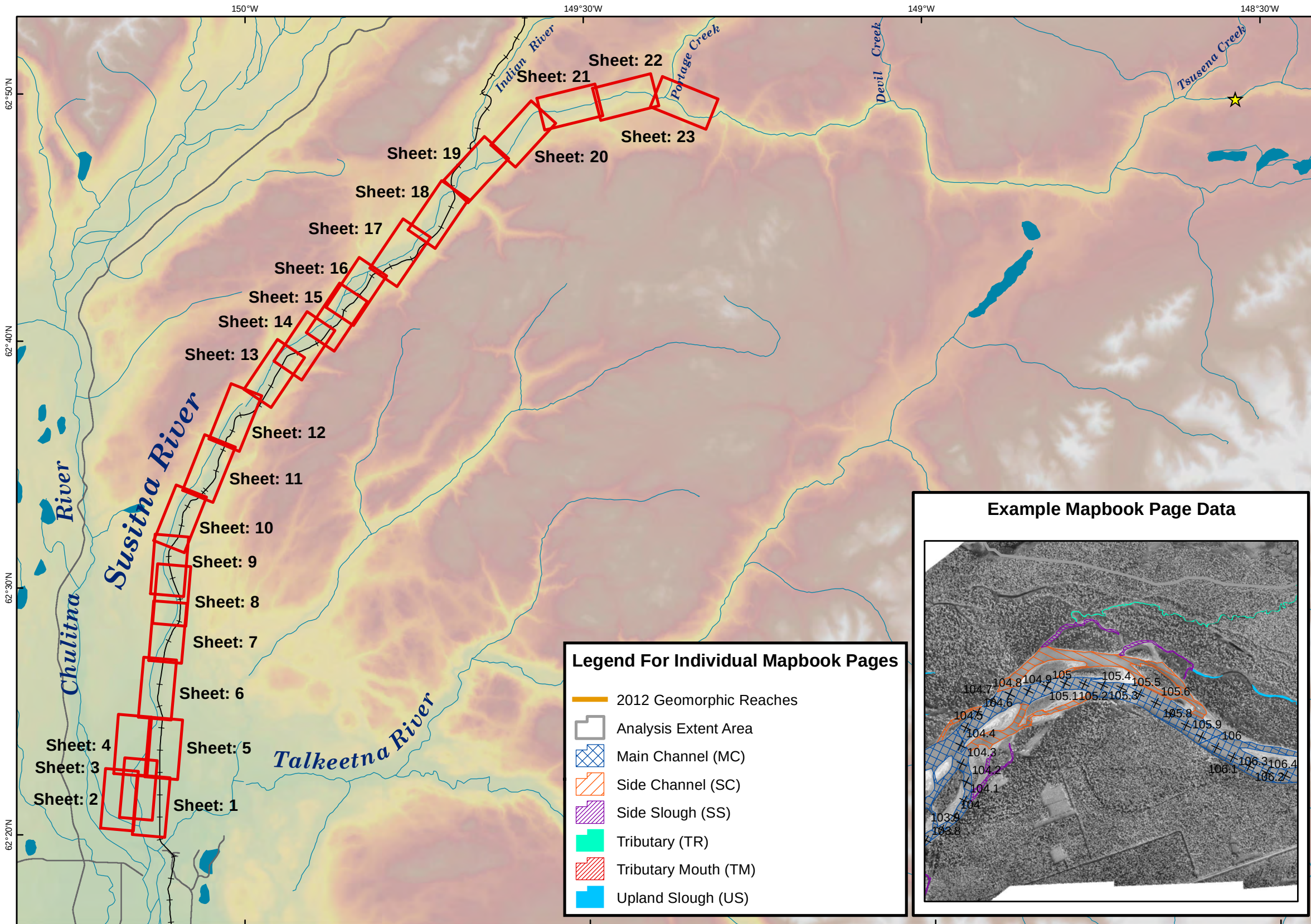
Alaska Energy Authority



Prepared by

Tetra Tech, Inc.

September 2014



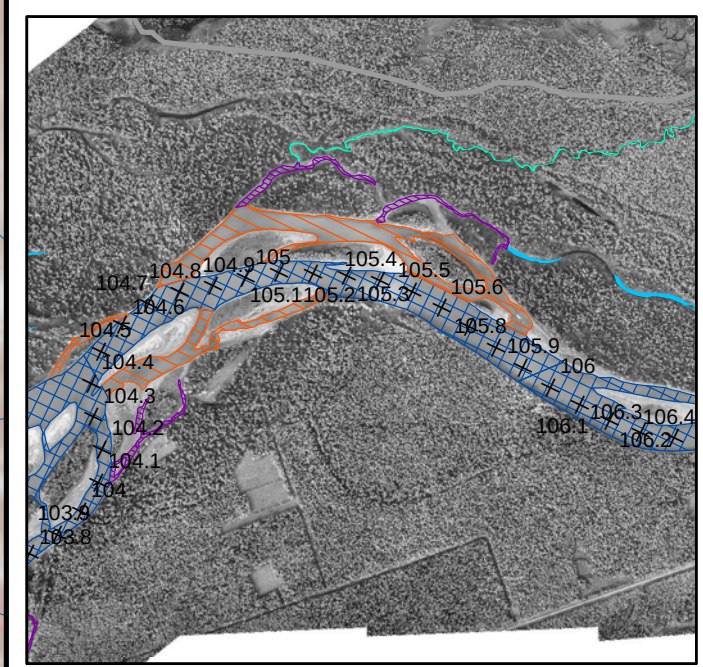
MIDDLE SUSITNA RIVER SEGMENT 1983 AQUATIC MACROHABITAT

Legend

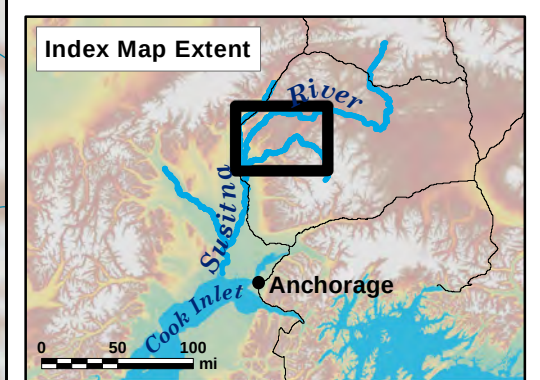
- ★ Proposed Watana Dam Site
- Sheet Extents
- Roads
- +— Railroads
- ~ Rivers and Streams
- Waterbodies

Data Sources: See Map References

Example Mapbook Page Data

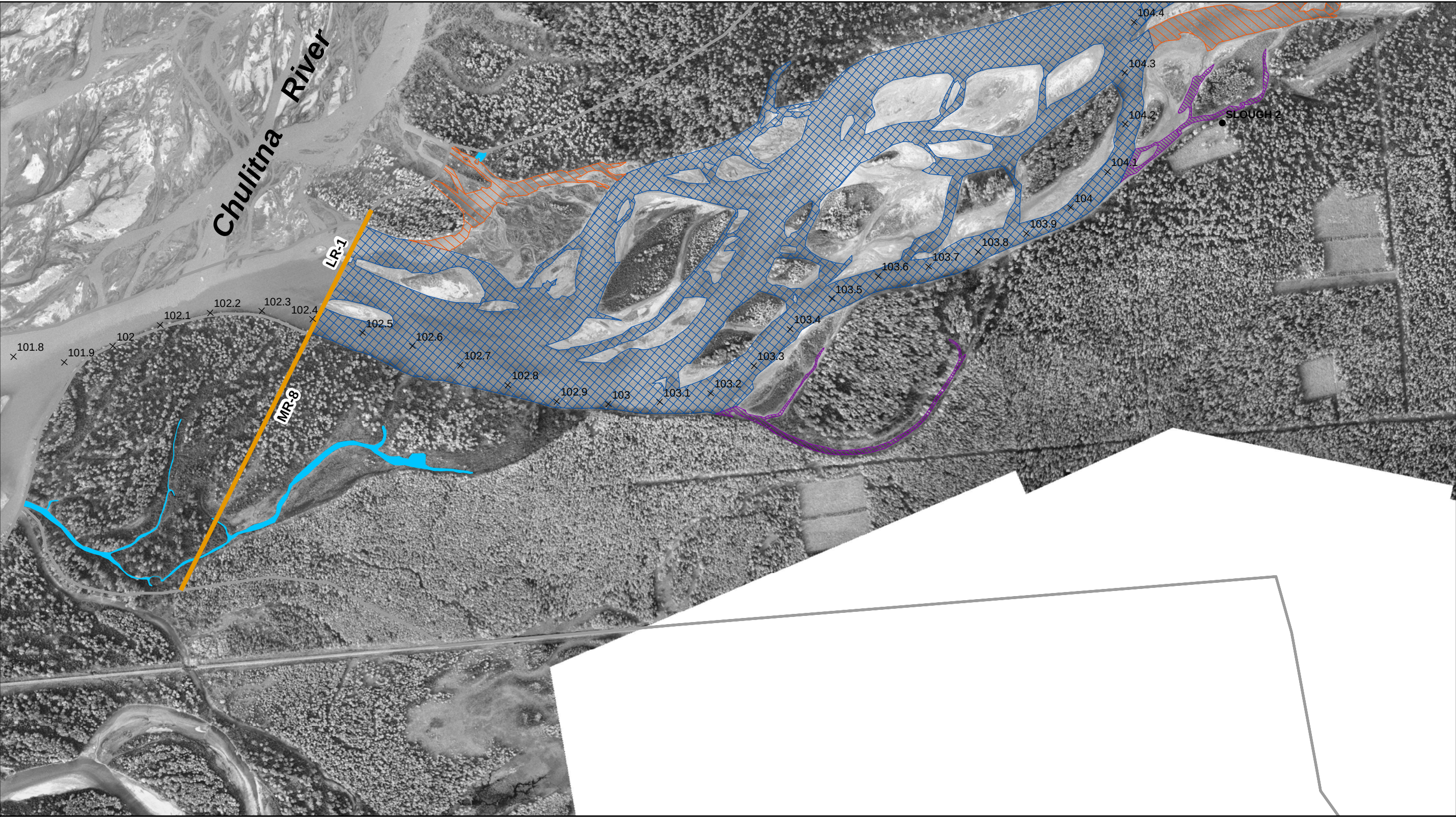


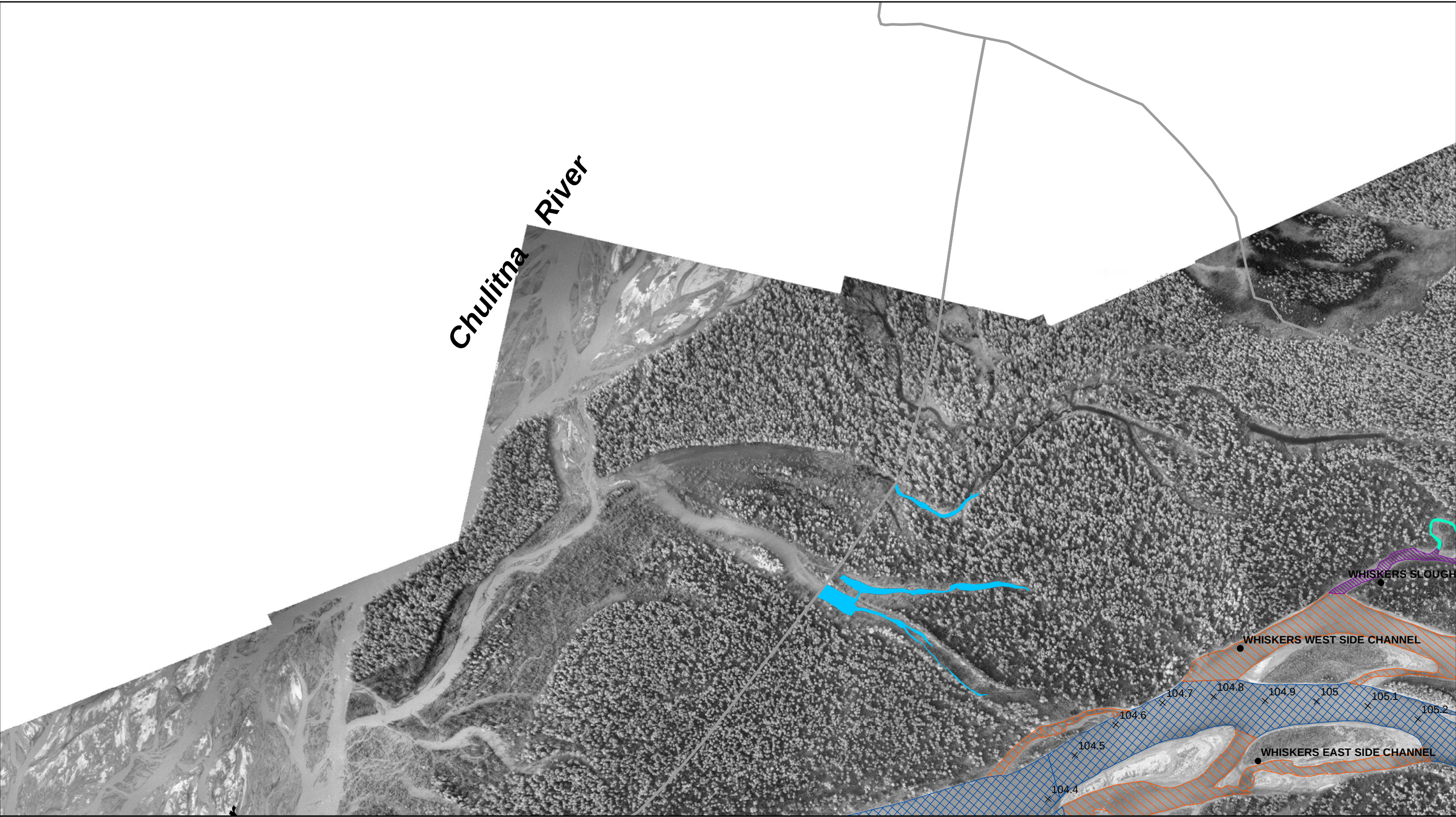
- ### Legend For Individual Mapbook Pages
- 2012 Geomorphic Reaches
 - Analysis Extent Area
 - Main Channel (MC)
 - Side Channel (SC)
 - Side Slough (SS)
 - Tributary (TR)
 - Tributary Mouth (TM)
 - Upland Slough (US)



0 5 10 mi

Projection: NAD83 State Plane Alaska 4 FIPS 5004 (ft)
Date Created: 8/27/2014
Map Author: Tetra Tech
File: 1980_AqMHabt_20140325_Cover.mxd



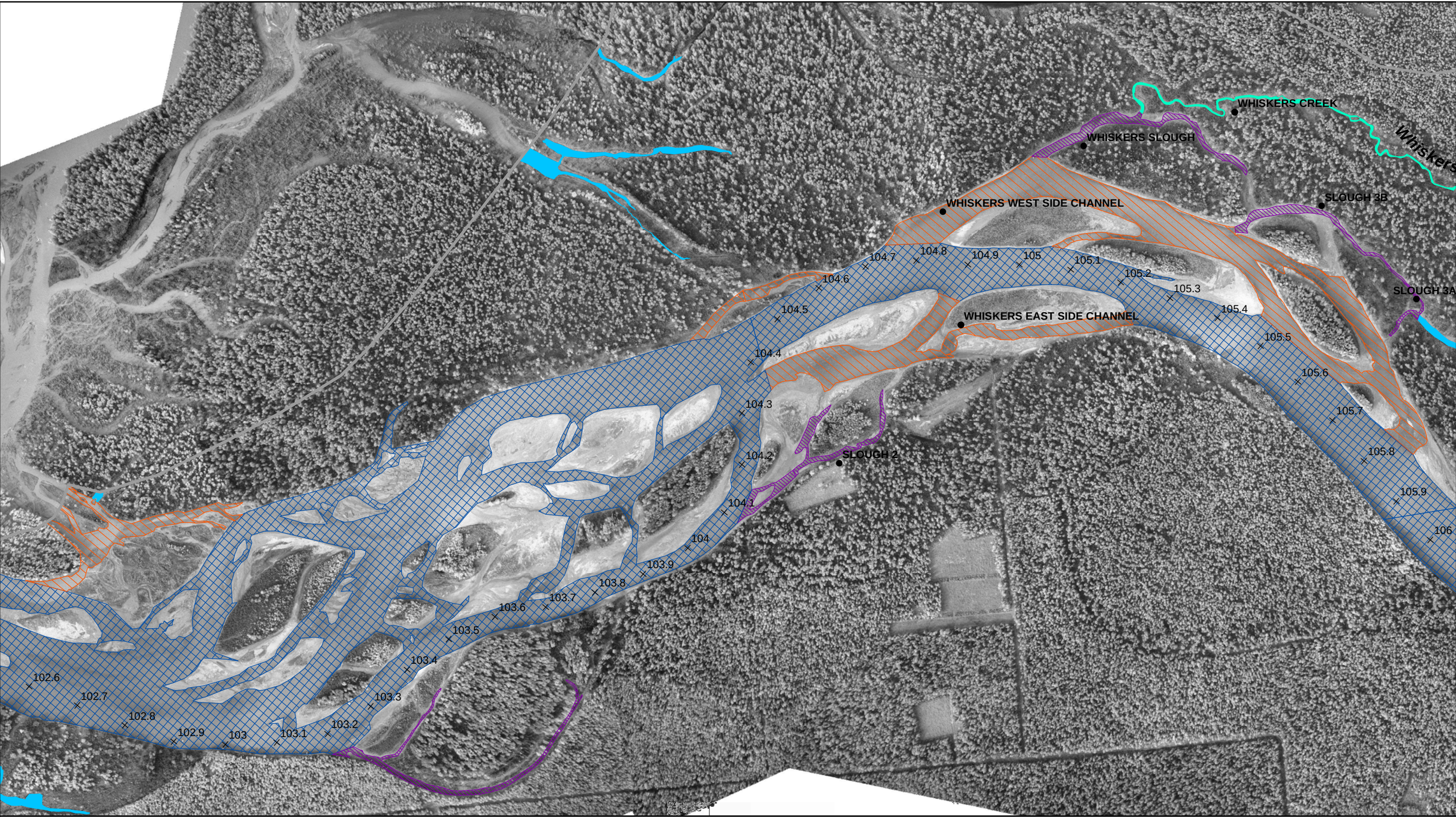


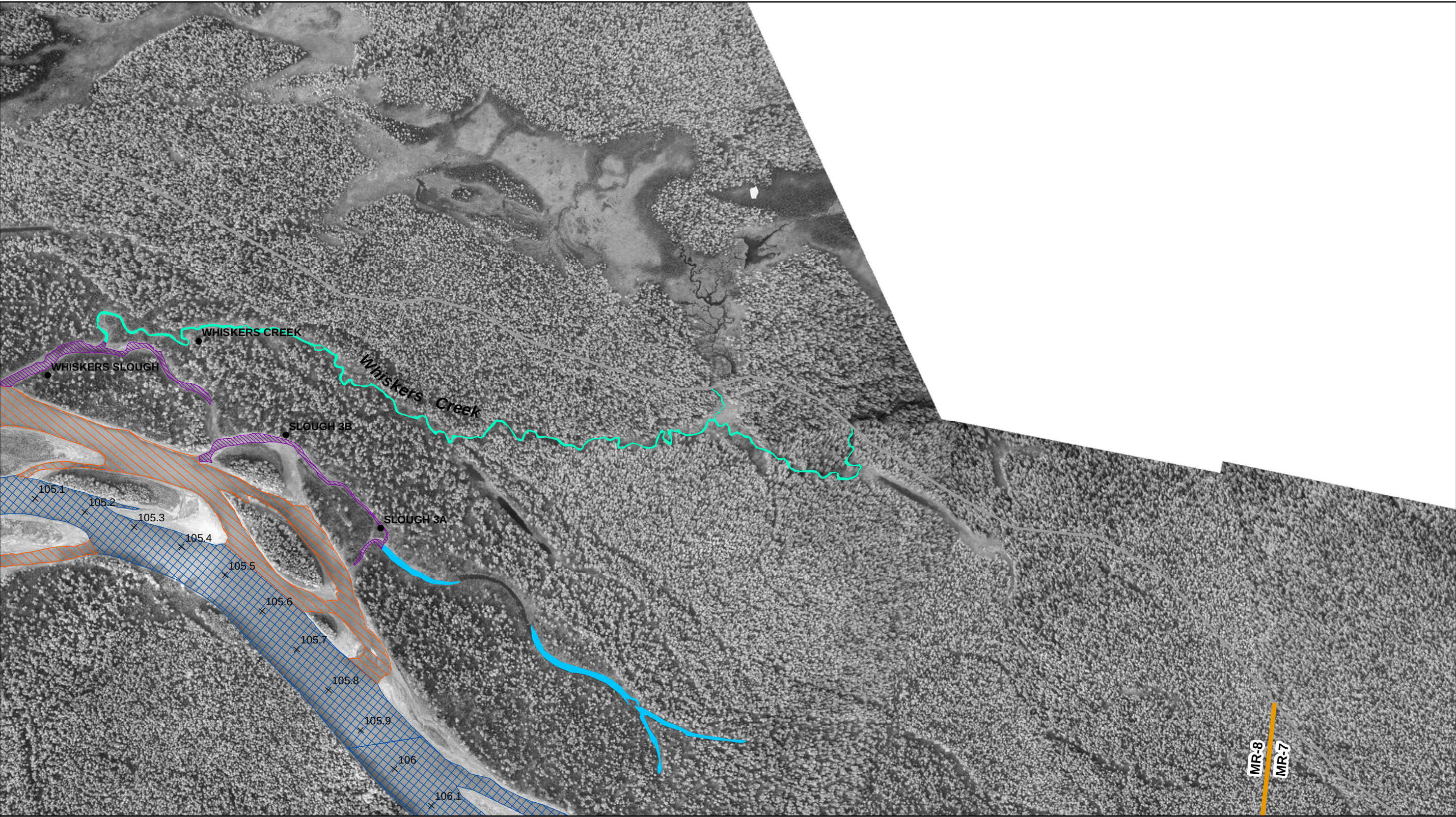
Chulitna River

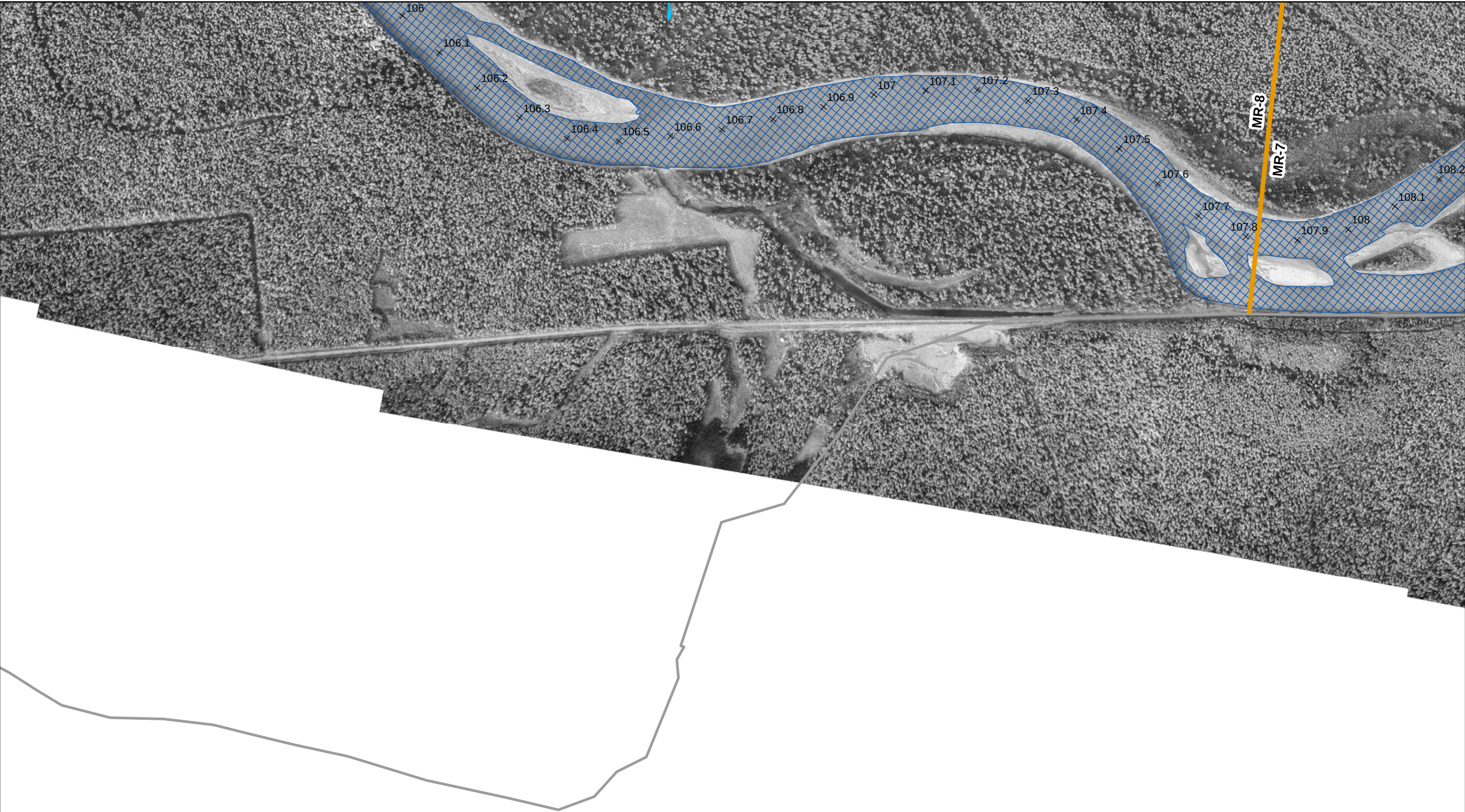
WHISKERS SLOUGH

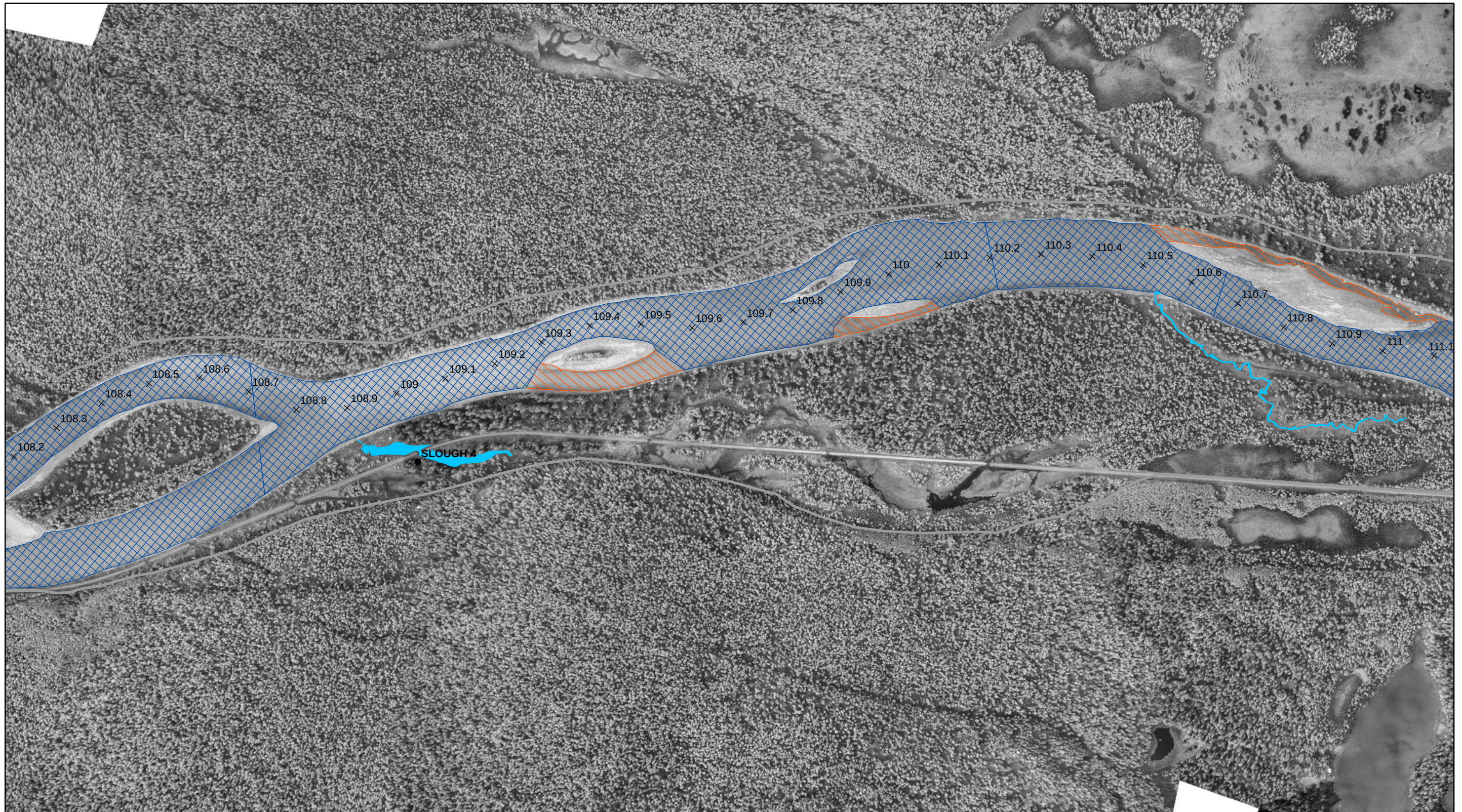
WHISKERS WEST SIDE CHANNEL

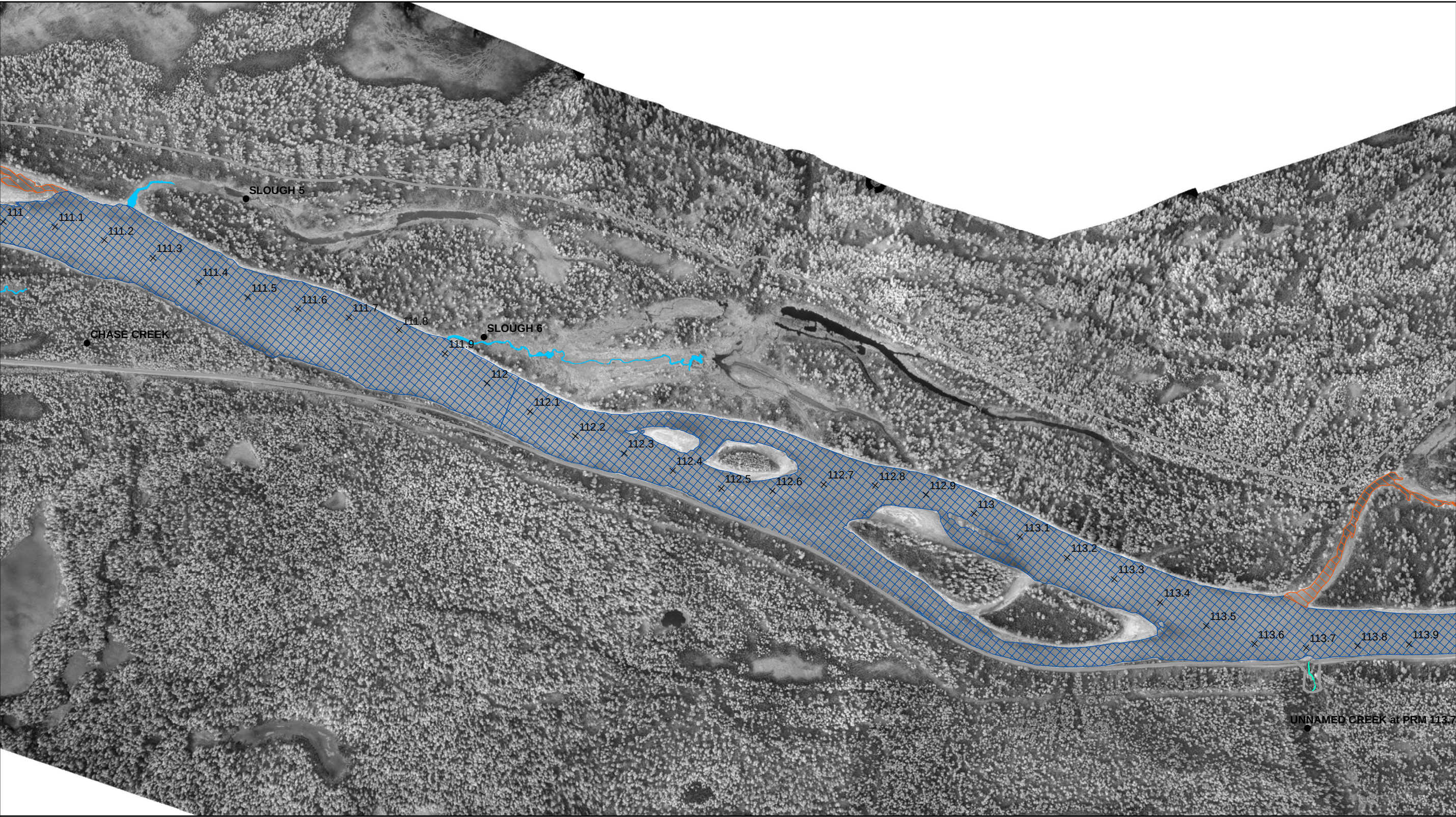
WHISKERS EAST SIDE CHANNEL

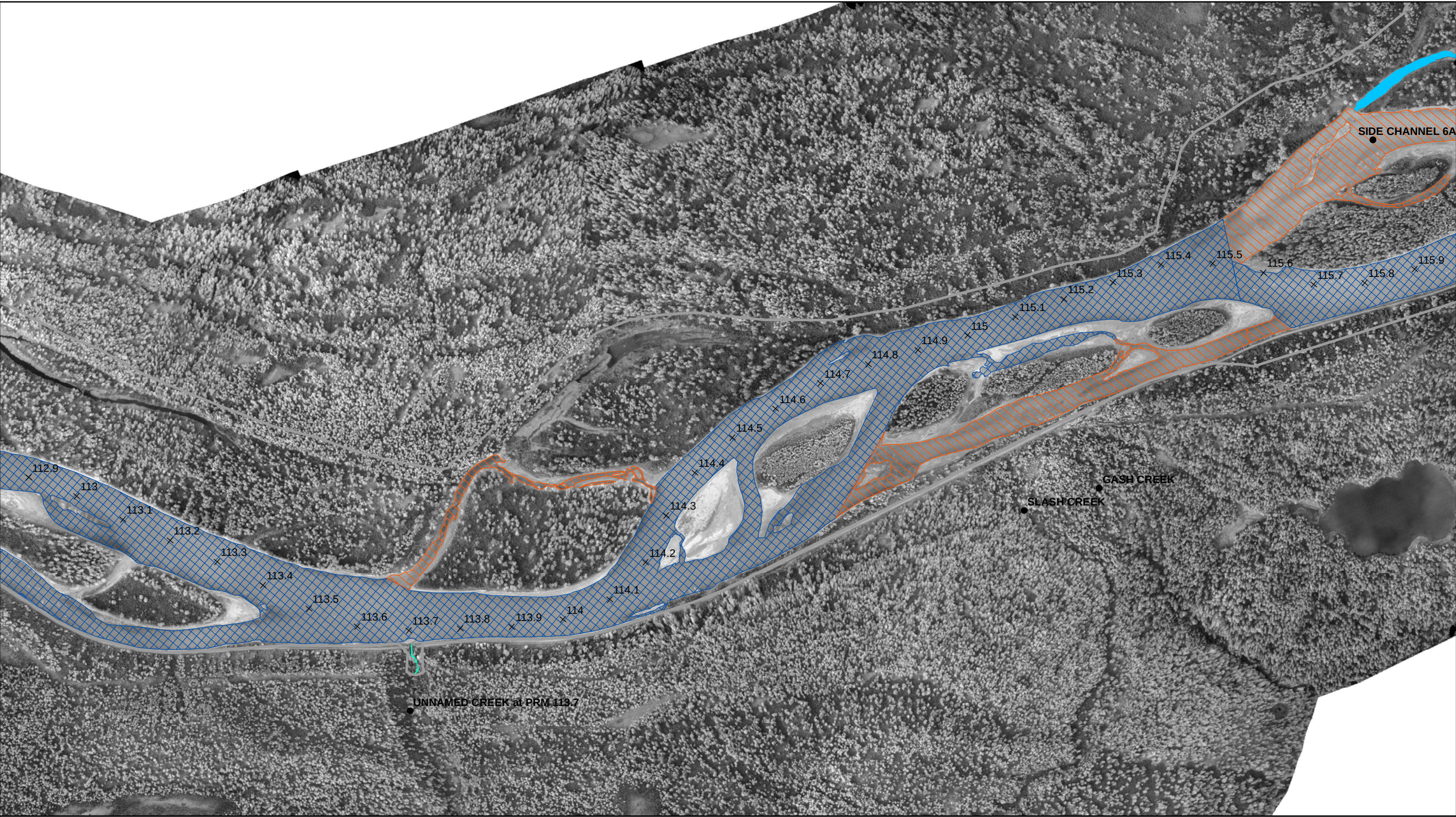


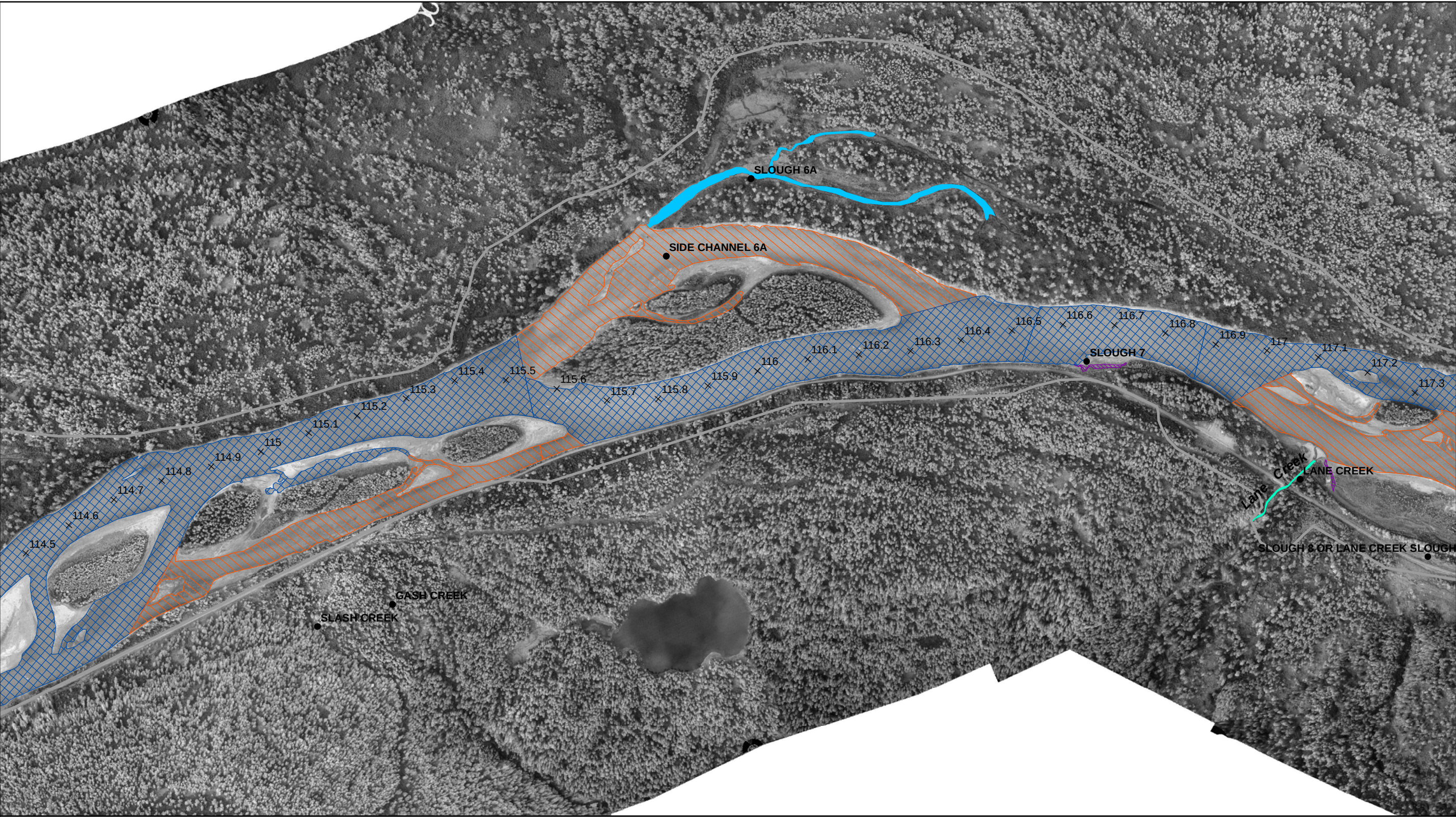


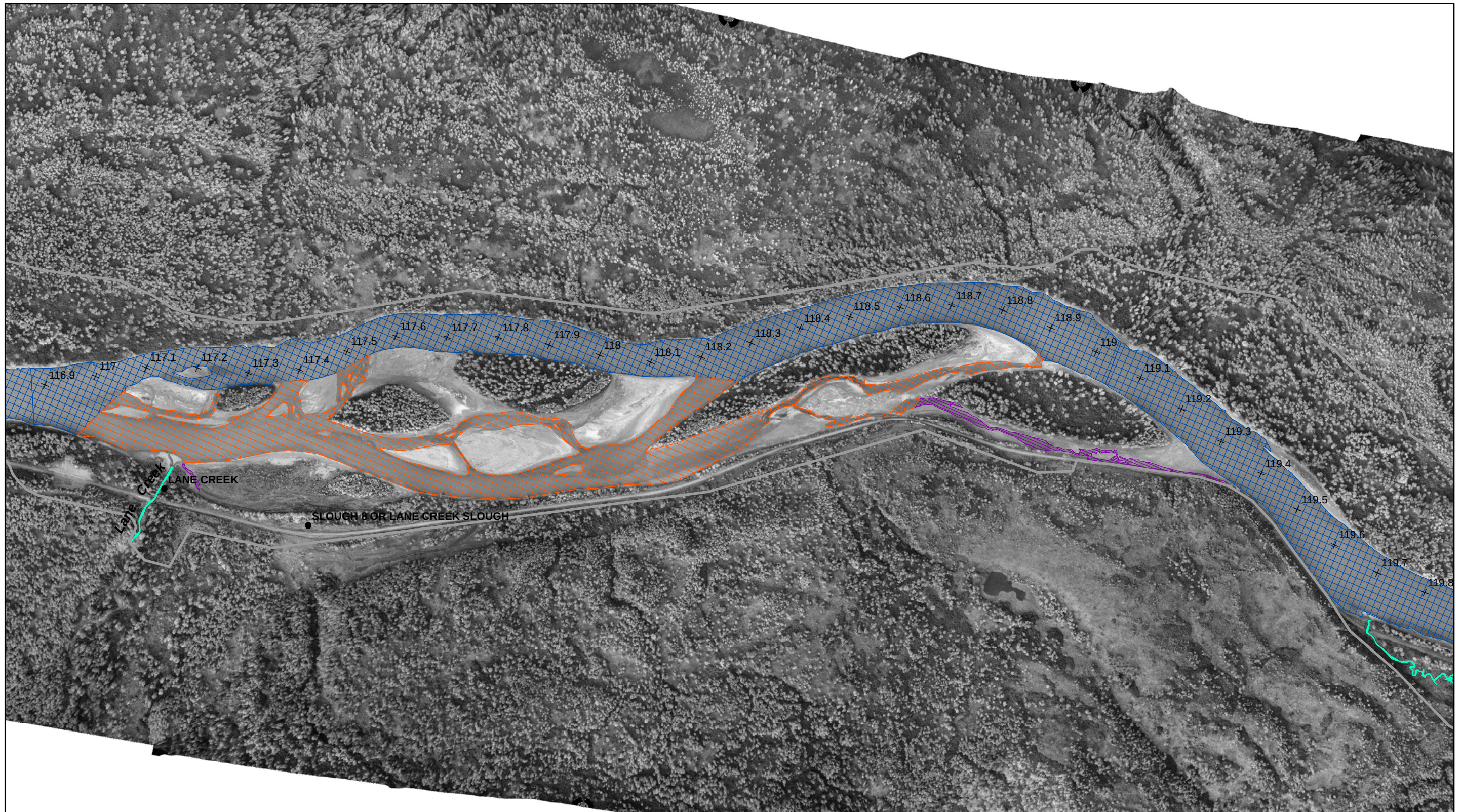












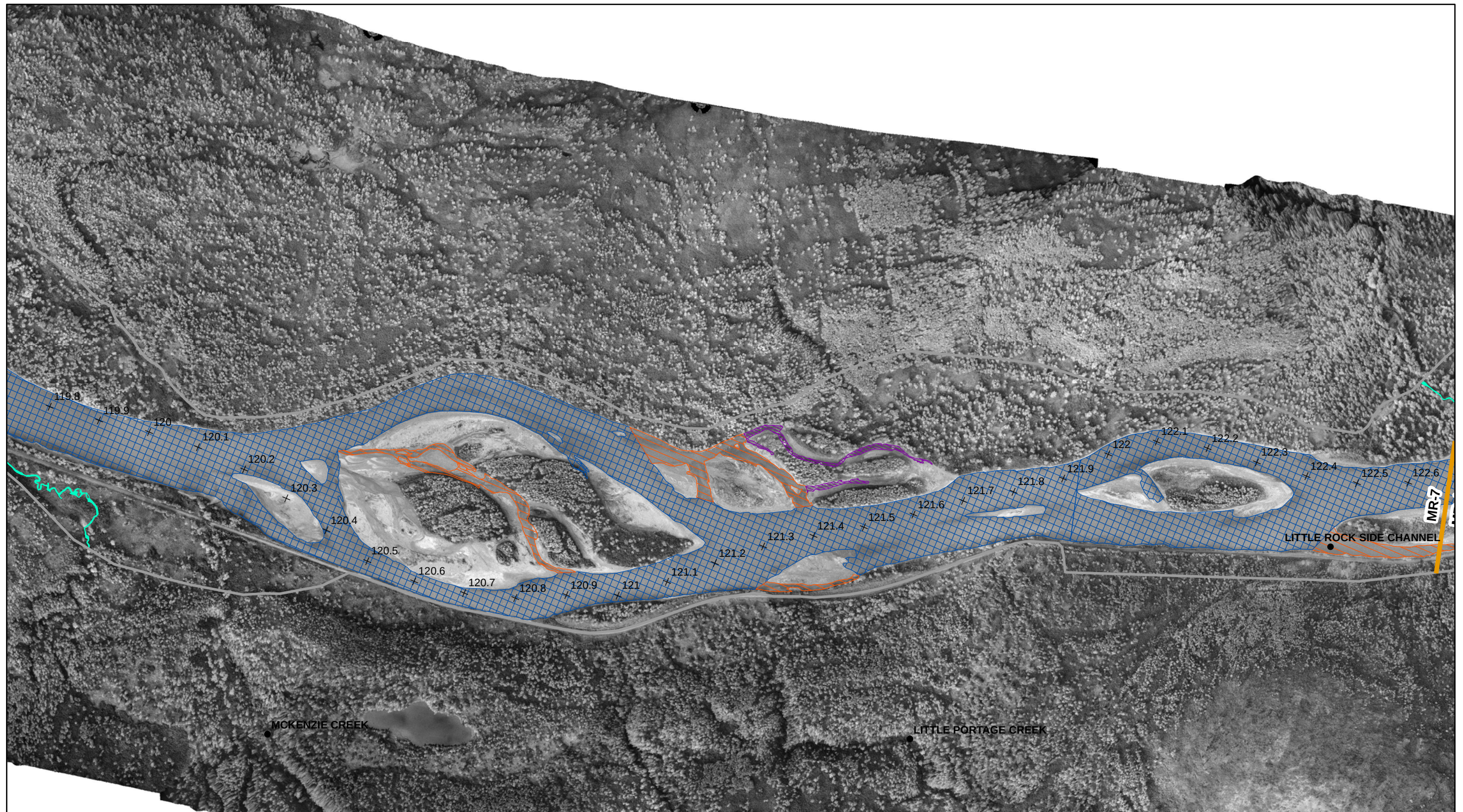
0 1,000 2,000 Feet
See index page for legend and additional data information.

1 inch = 1,000 feet
Sheet 10

**MIDDLE SUSITNA RIVER SEGMENT
1983 AQUATIC MACROHABITAT**

Location: Imagery Date, Discharge (Gold Creek)
PRM 102.4 - 153.9: 09/11/1983 12,500cfs





0 1,000 2,000 Feet

1 inch = 1,000 feet

Sheet 11

See index page for legend and additional data information.

**MIDDLE SUSITNA RIVER SEGMENT
1983 AQUATIC MACROHABITAT**

Location: Imagery Date, Discharge (Gold Creek)
PRM 102.4 - 153.9: 09/11/1983 12,500cfs

