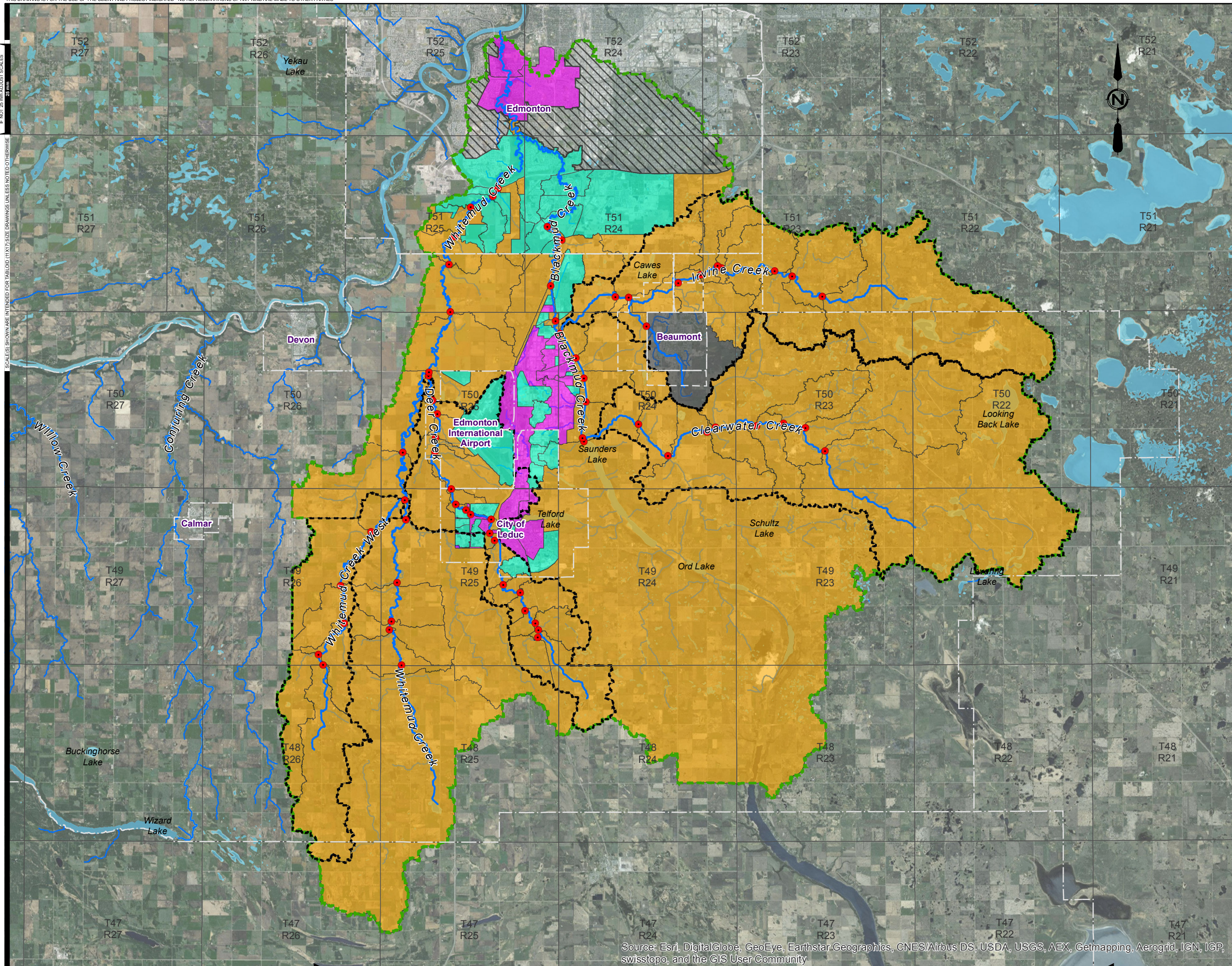


Appendix A - Model Inputs



- Legend:**
- Mike11 Inflow Boundary Location
 - Catchment
 - Subcatchment Classification**
 - Urban Controlled
 - Urban Direct
 - Rural
 - Town of Beaumont
 - Draining to Trunk
 - Creek Centreline
 - Municipal Boundary

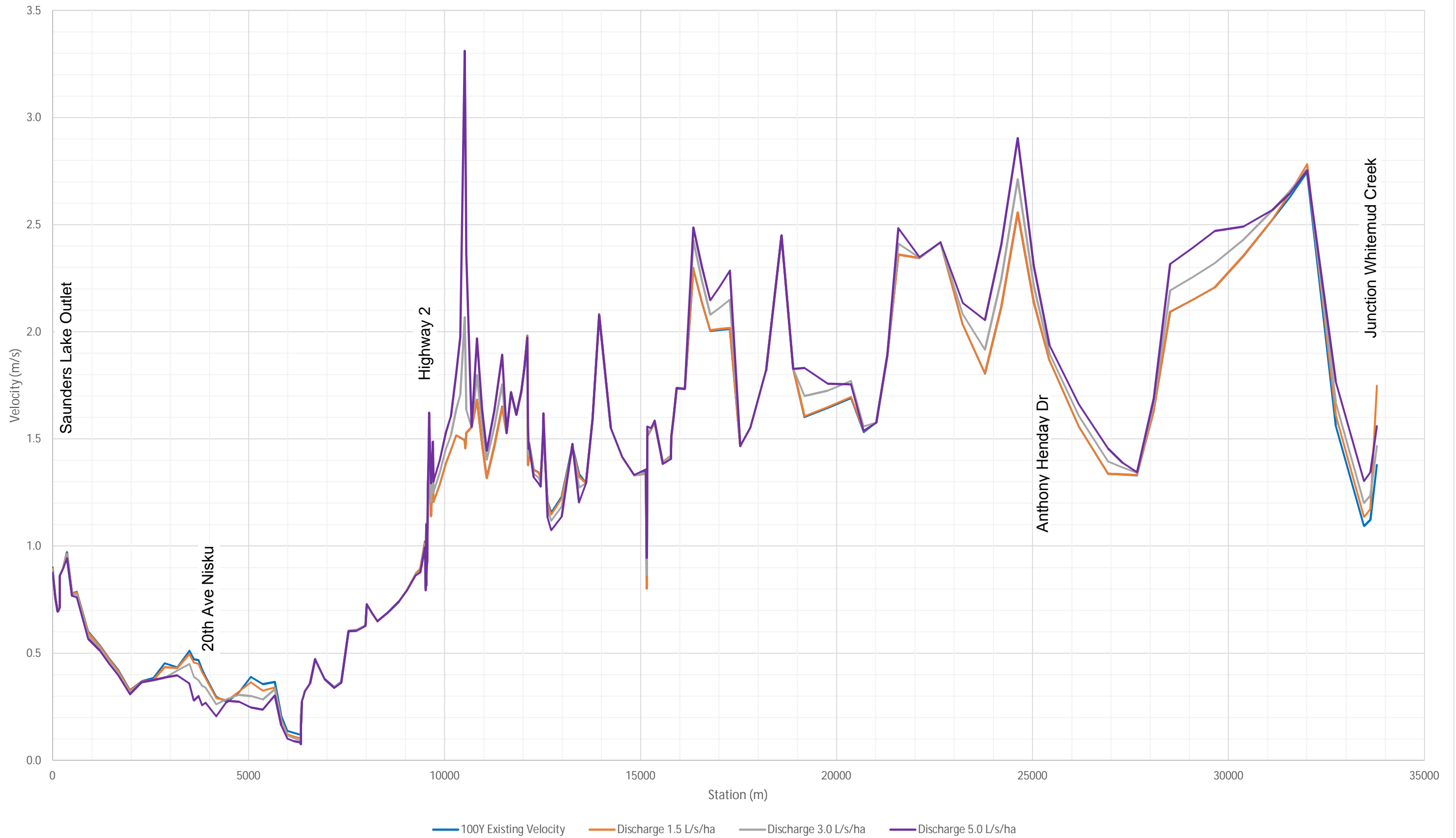


FIGURE No. A-1
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY

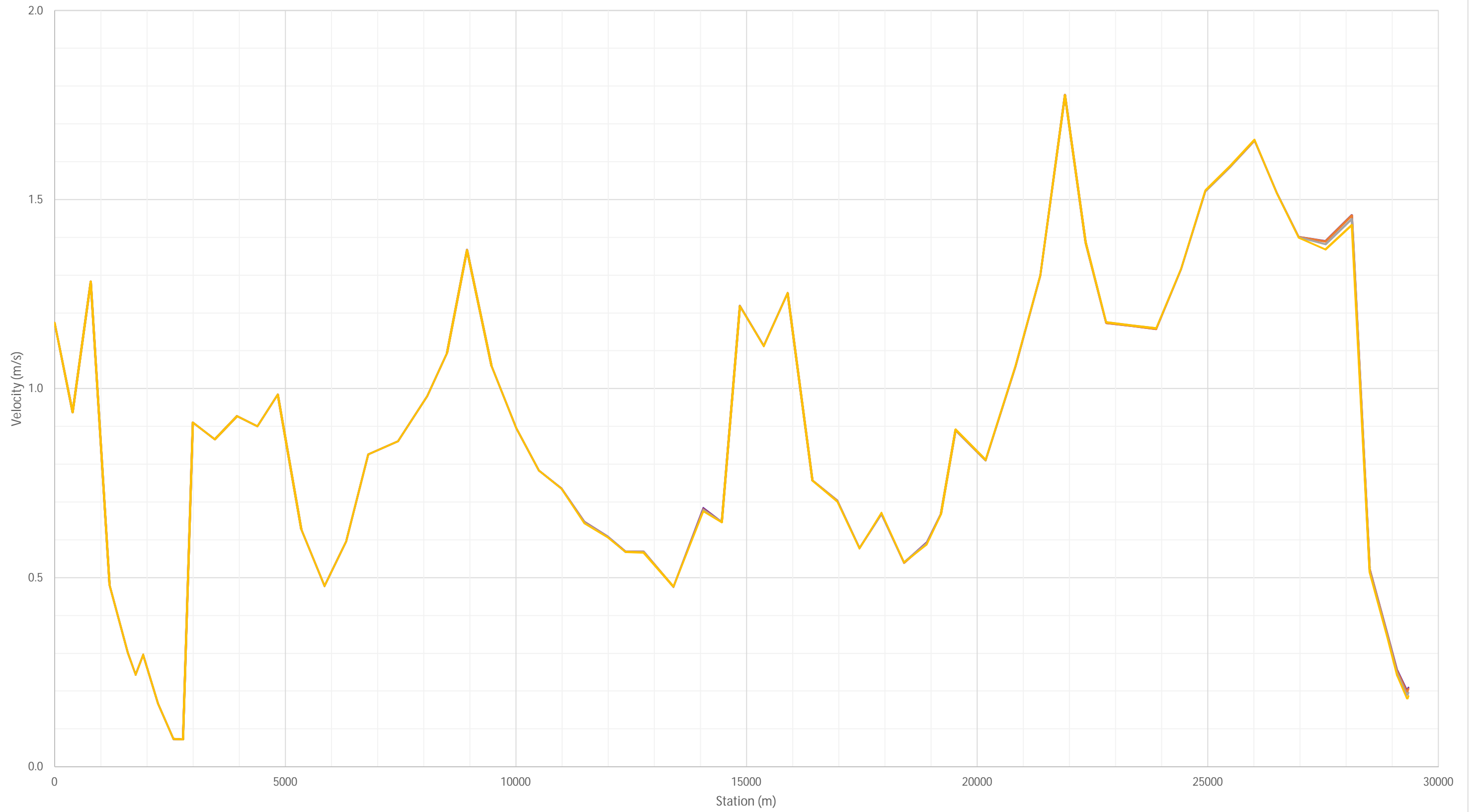
| | |
|-----------------------|-------------------|
| AE PROJECT No. | 2016-3785 |
| SCALE | 1:200,000 |
| APPROVED | |
| DATE | 2017 MAY |
| REV | |
| DESCRIPTION | ISSUED FOR REPORT |

**Appendix B - 1D Velocity Profiles Simulated With the
1D Model**

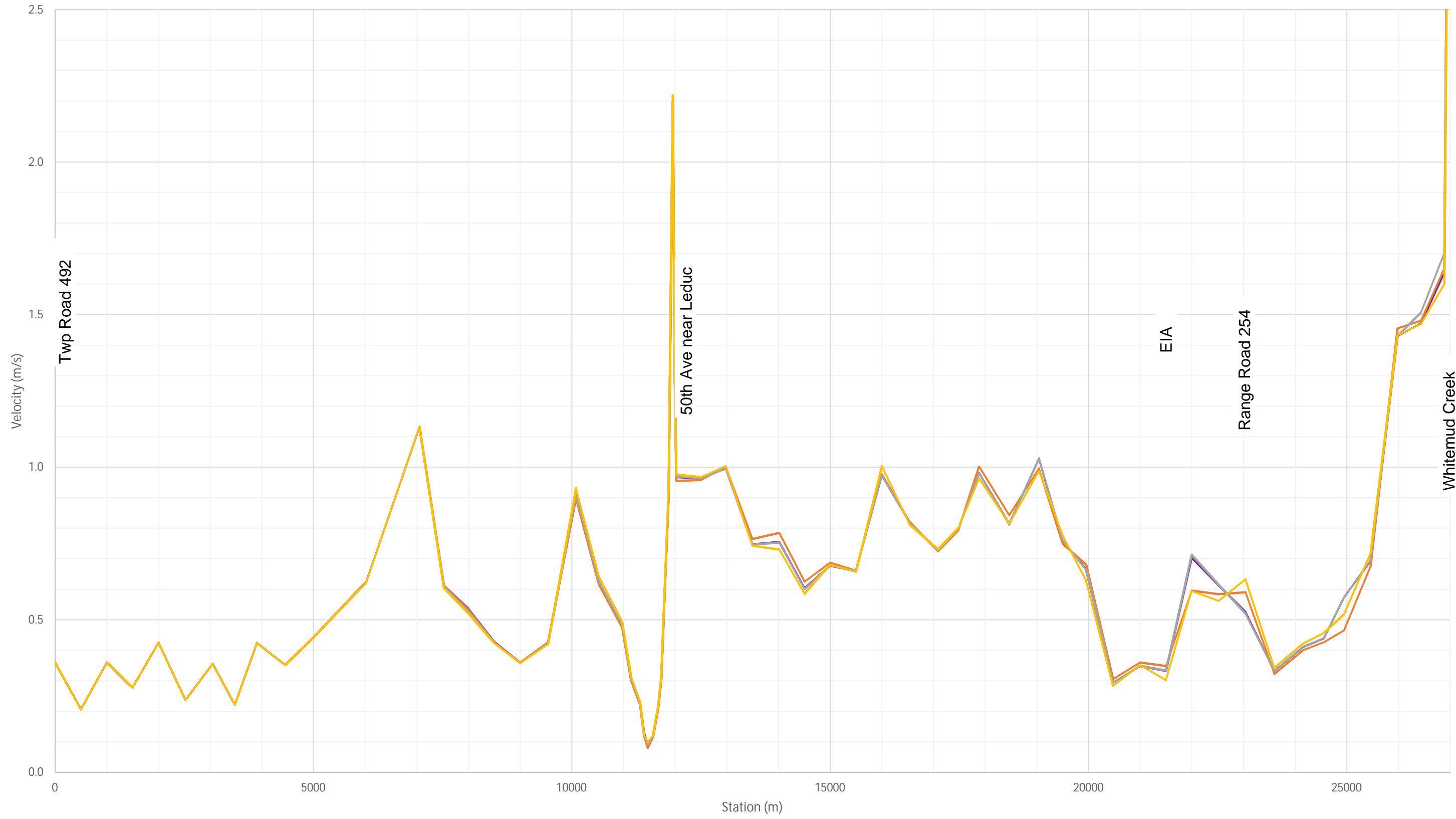
Blackmud Creek Velocities



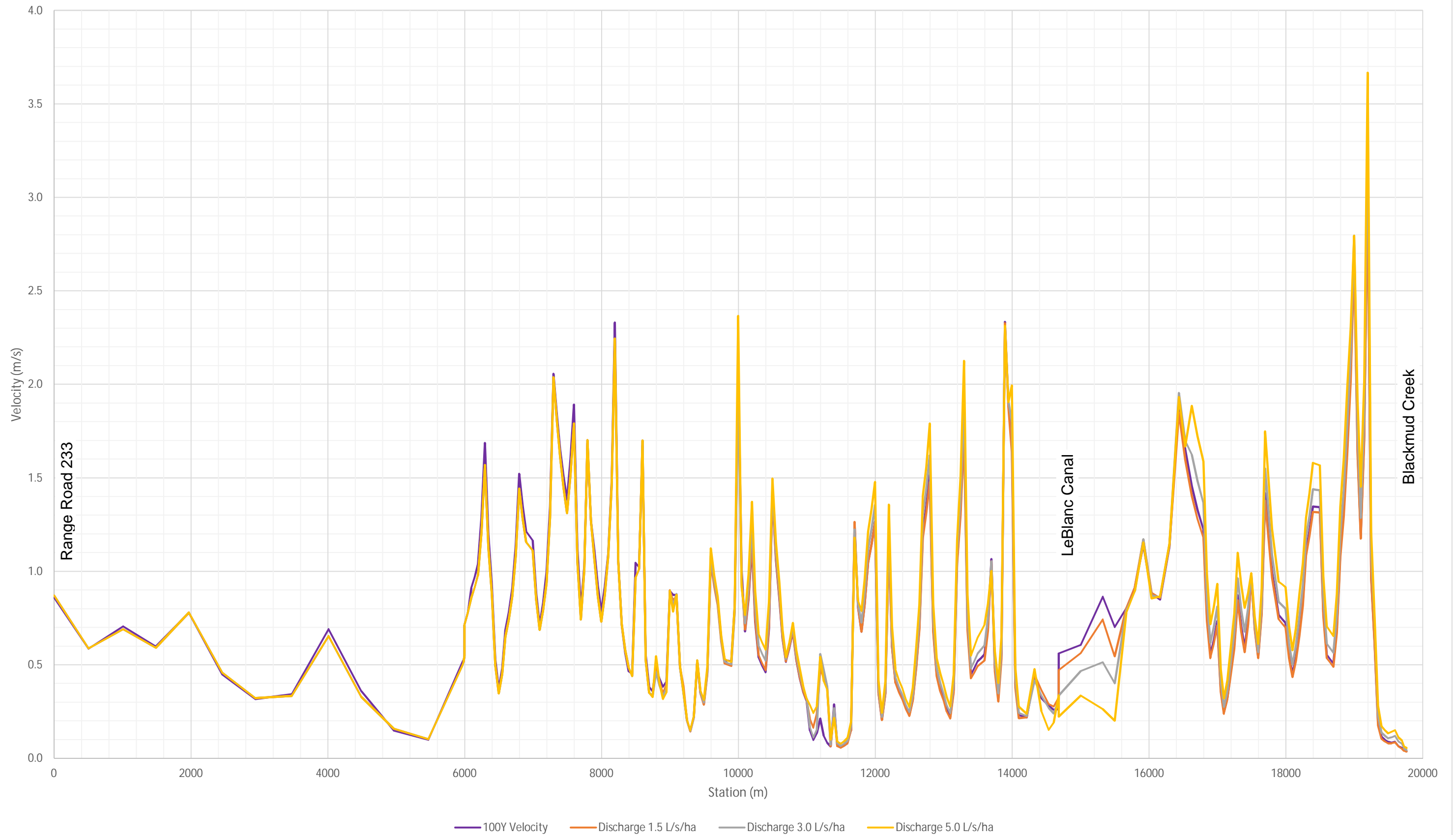
Clearwater Creek Velocities



Deer Creek Velocities



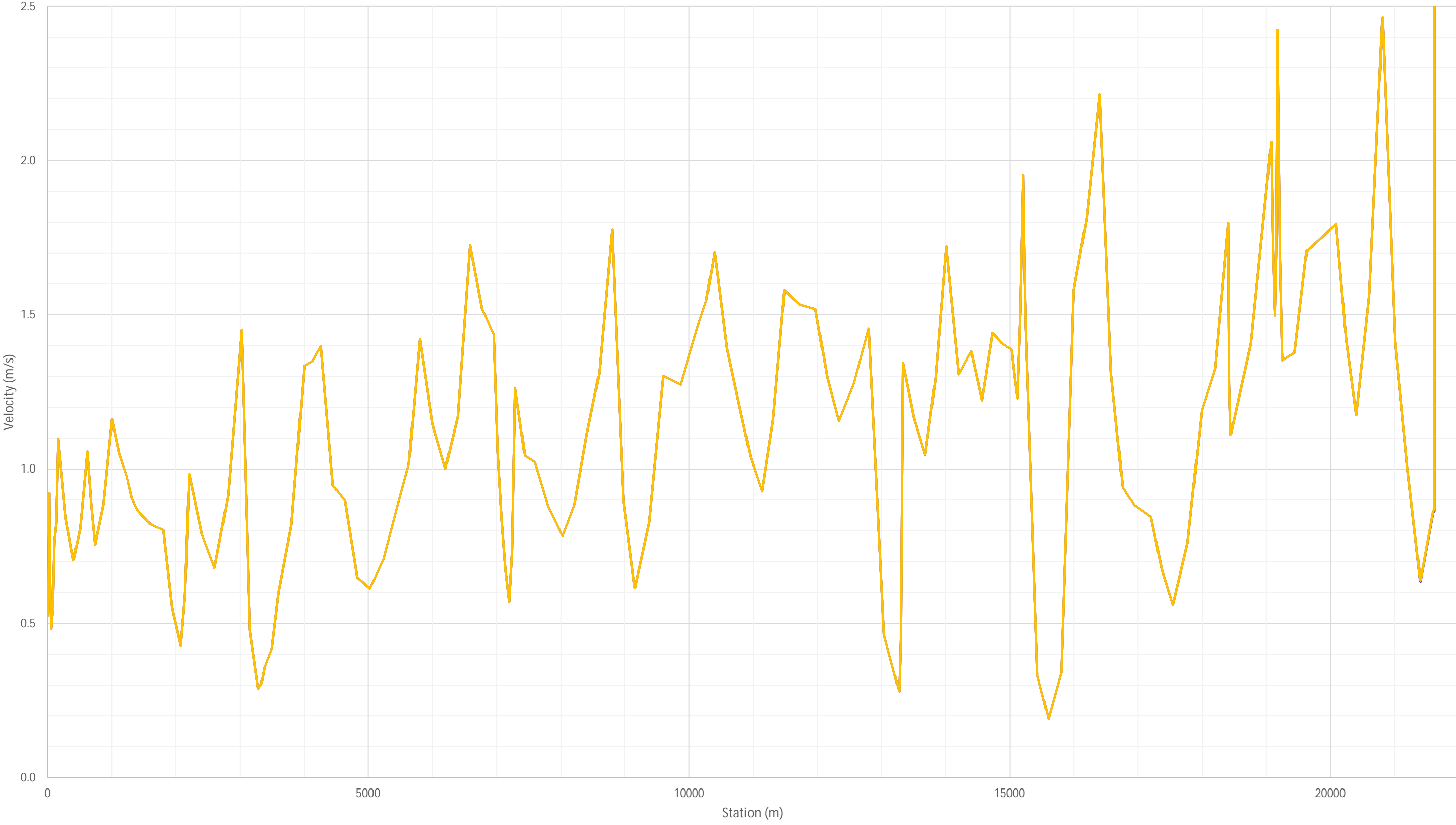
Irvine Creek Velocities



LeBlanc Canal Velocities



West Whitemud Creek Velocities



100Y Velocity Discharge 1.5 L/s/ha Discharge 3.0 L/s/ha Discharge 5.0 L/s/ha

Whitemud Creek Velocities

