

2010 aerial from Microsoft via ESRI World Imagery
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Roads from TIGER (US Census Bureau)
 Coordinate System: NAD83 State Plane Washington North

Analyzed by: Patricia Olson, PhD, LHG (WA Dept. of Ecology)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)
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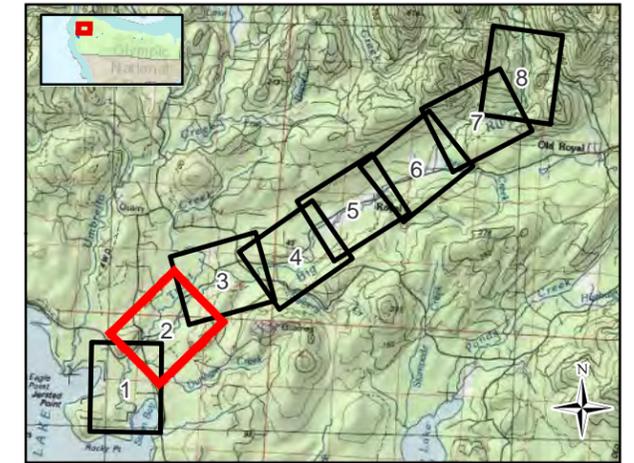


Channel Migration Assessment

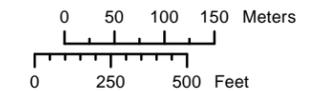
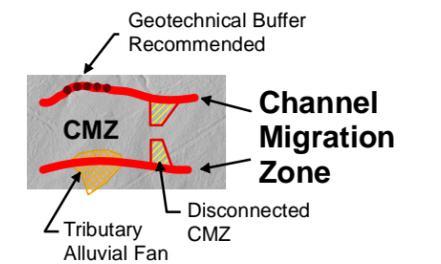
*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Big River

Map 1



-  River Mile Marker
- CL_##_## Reach_ID
-  Segment Boundaries



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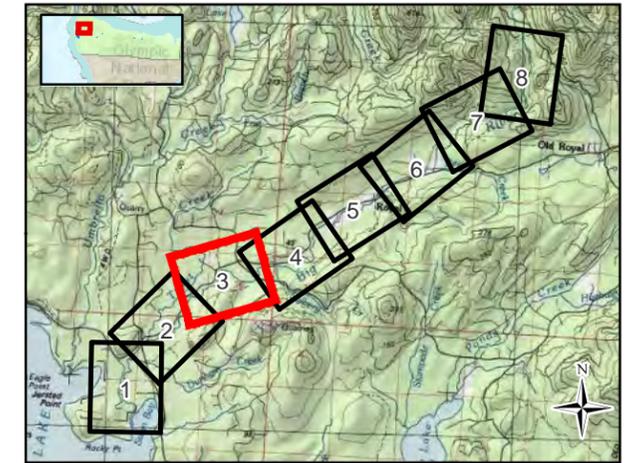
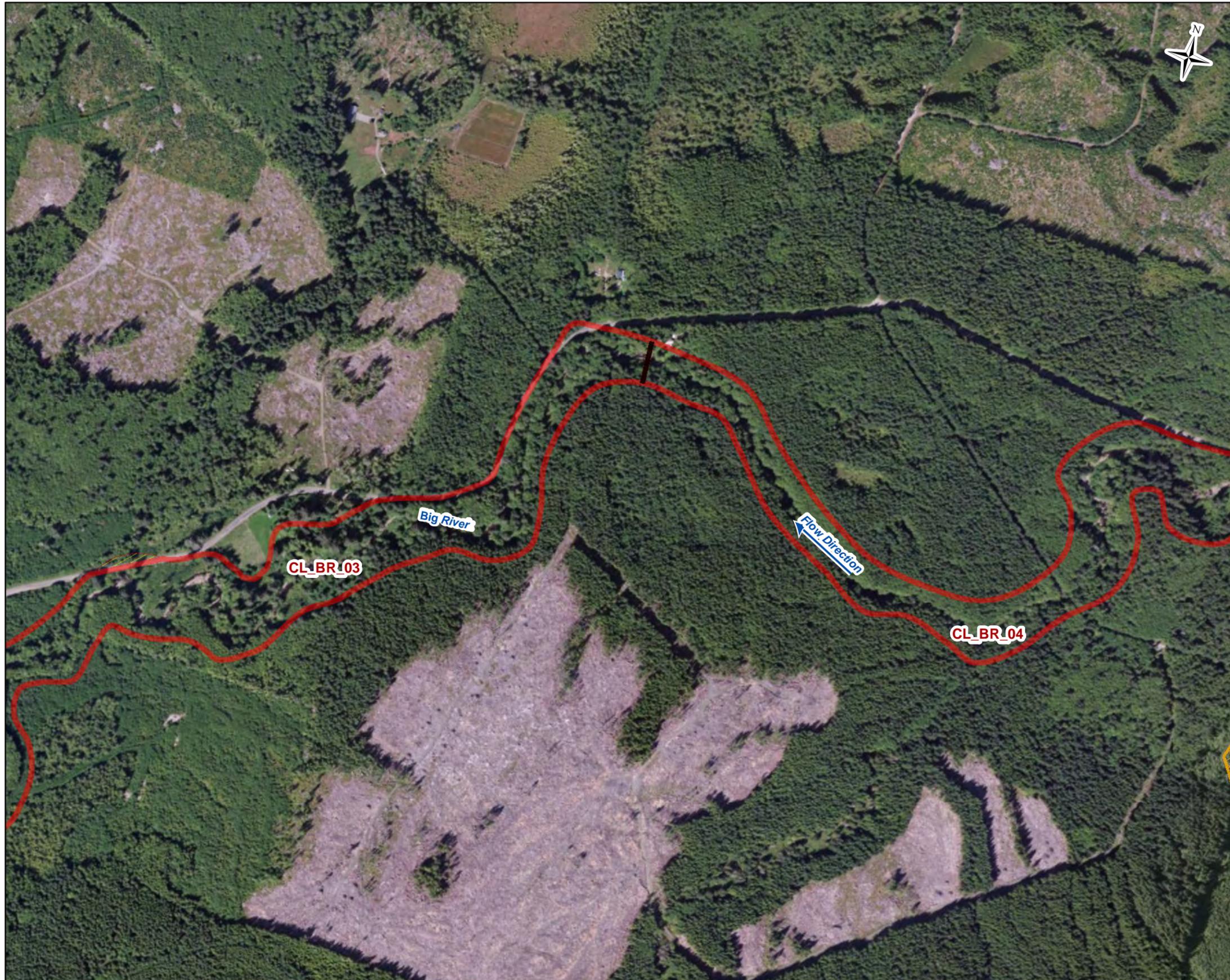


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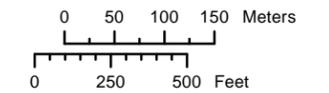
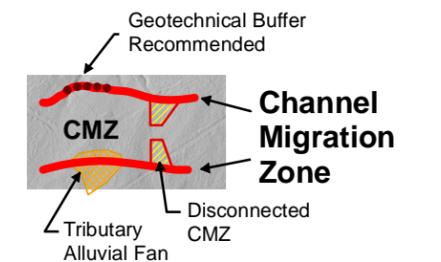
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Big River

Map 2



-  River Mile Marker
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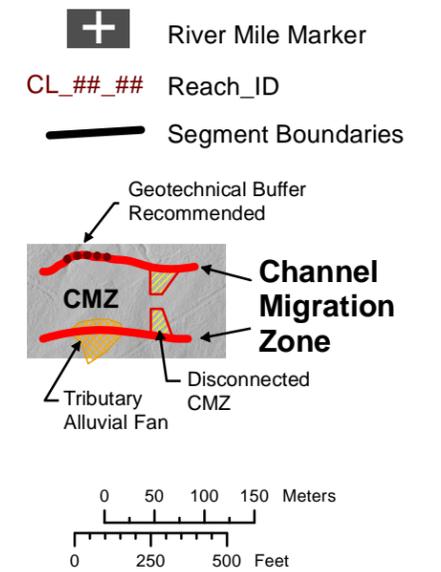
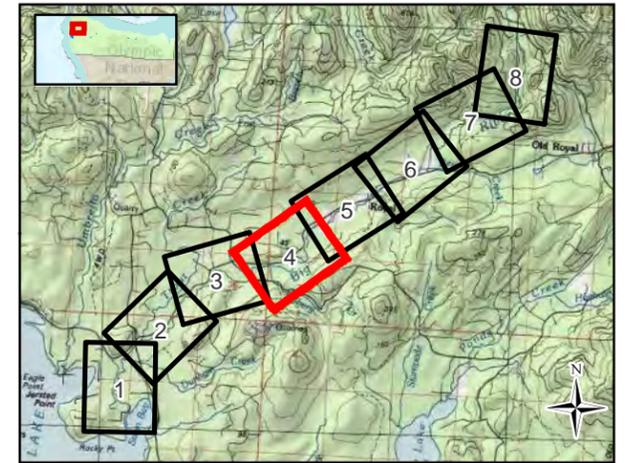
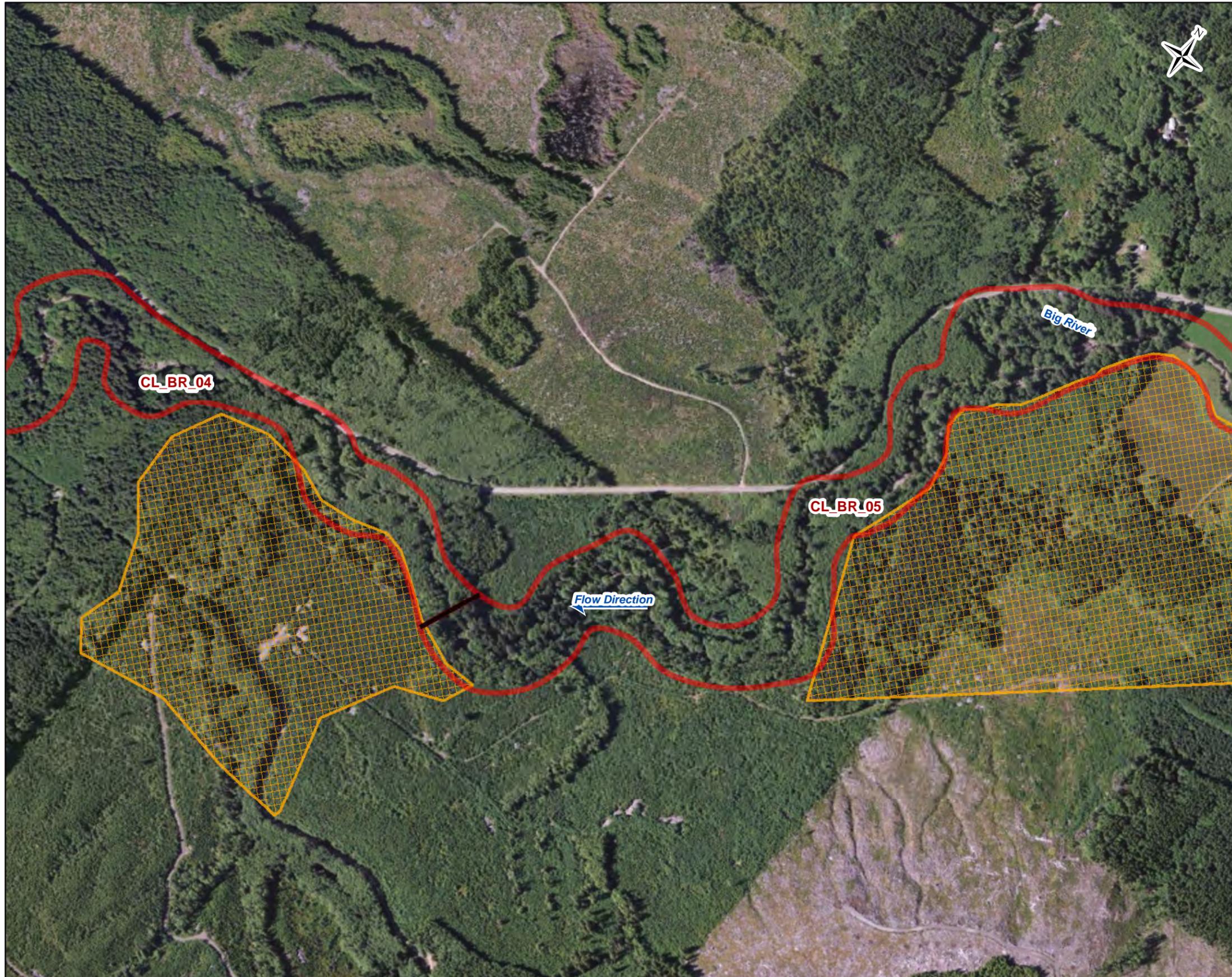


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Map 3



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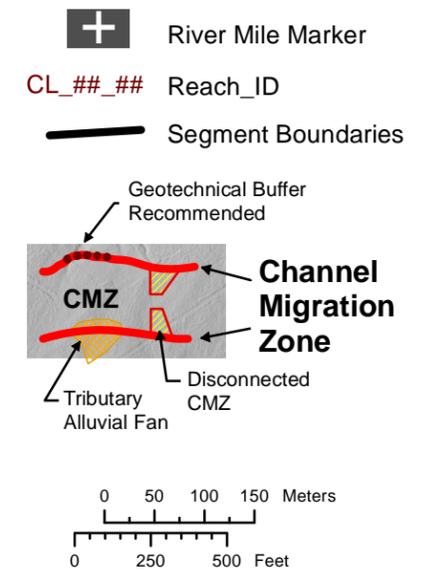
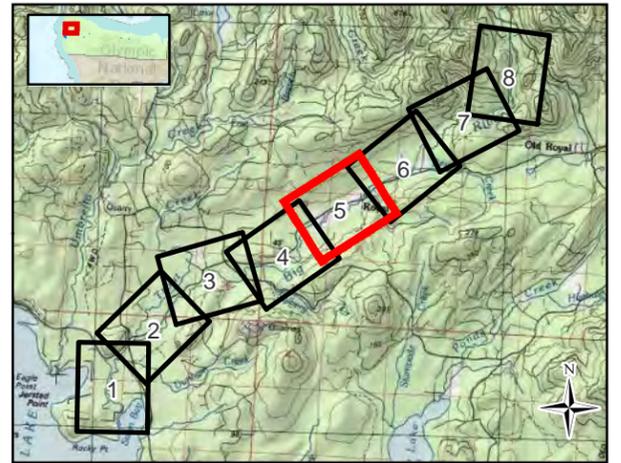


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Big River

Map 4



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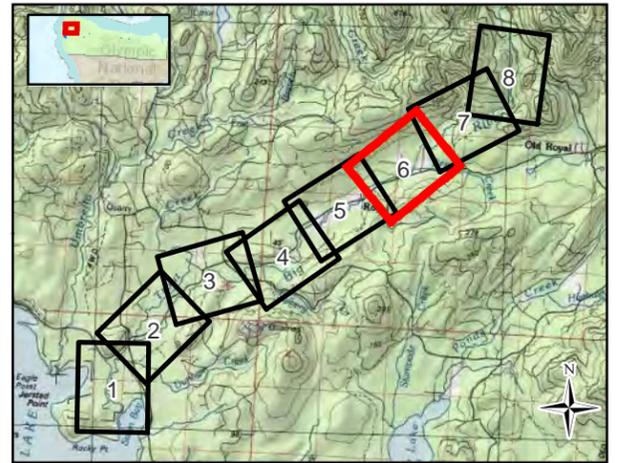


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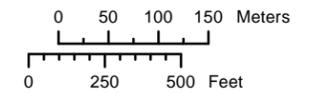
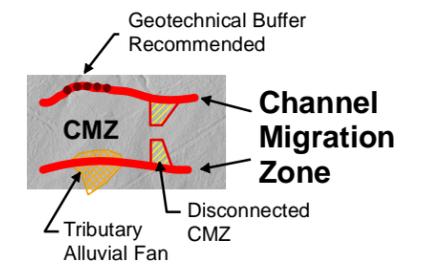
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Big River

Map 5



-  River Mile Marker
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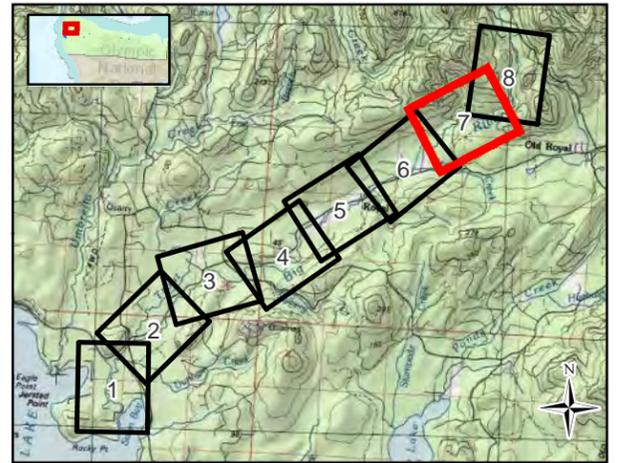
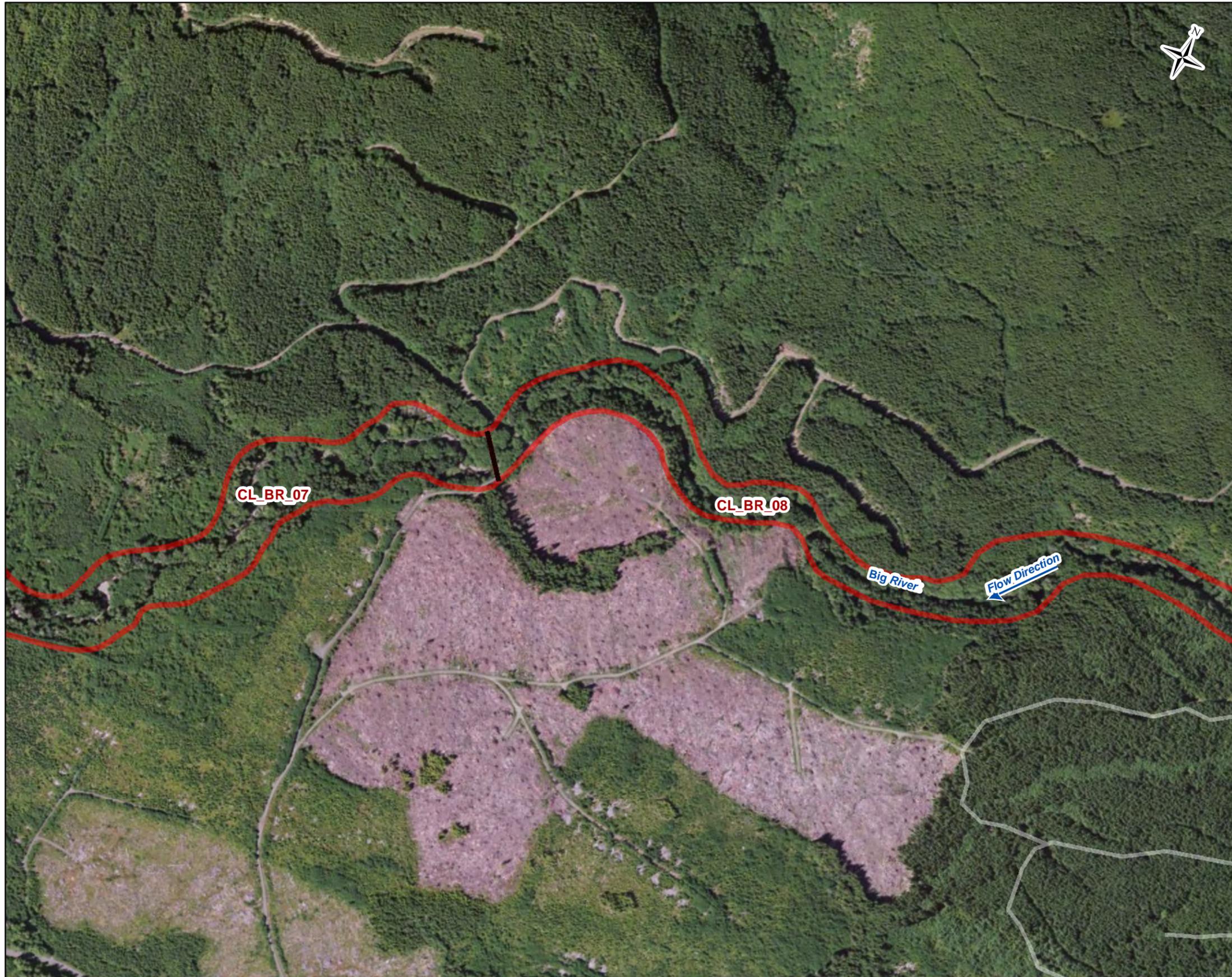


Channel Migration Assessment

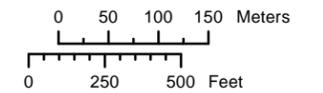
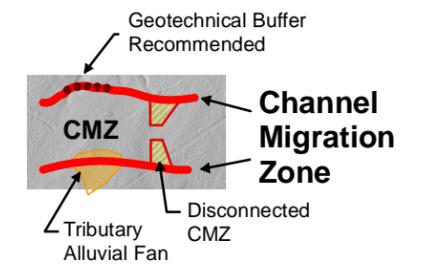
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Big River

Map 6



-  River Mile Marker
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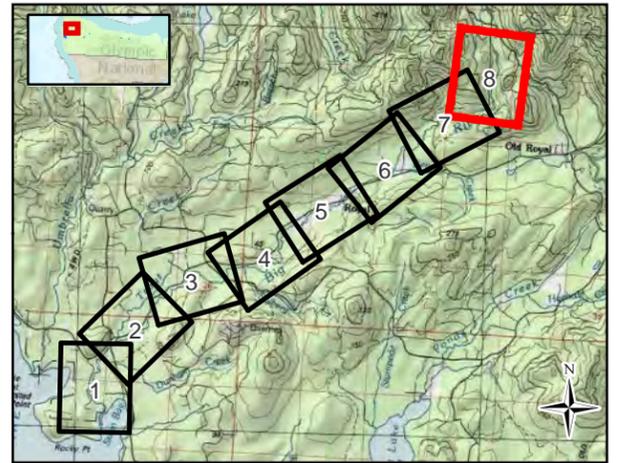


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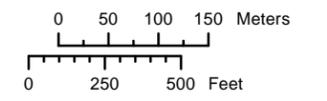
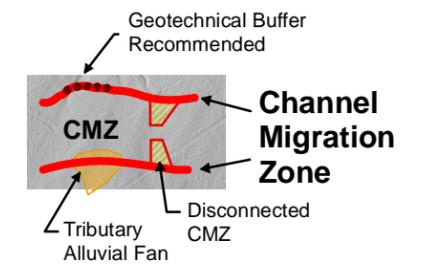
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Big River

Map 7



-  River Mile Marker
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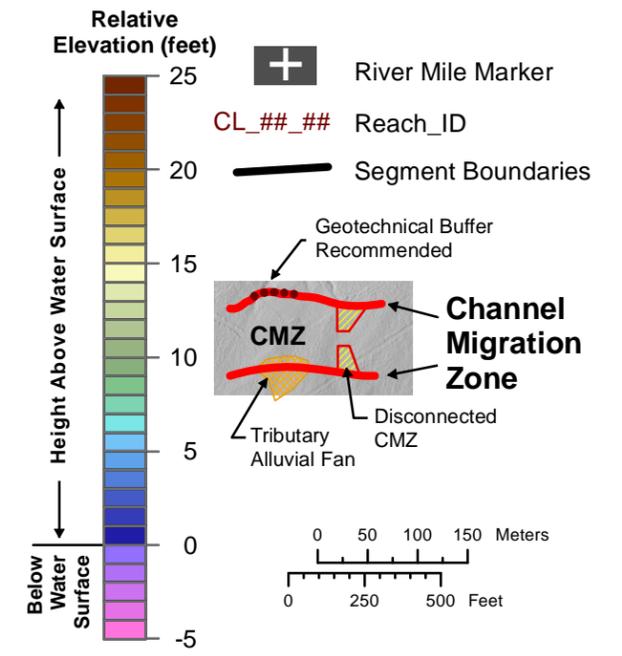
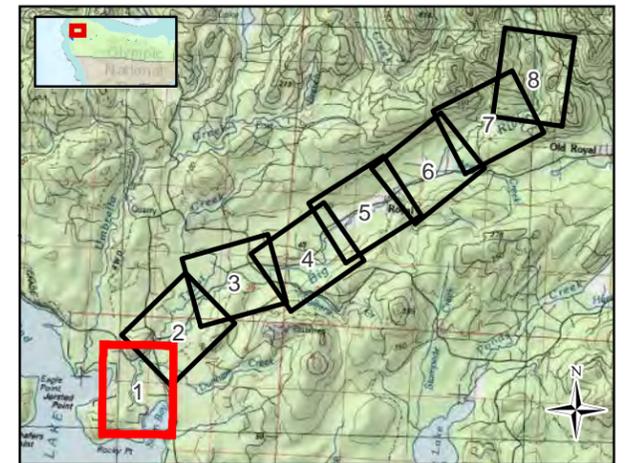
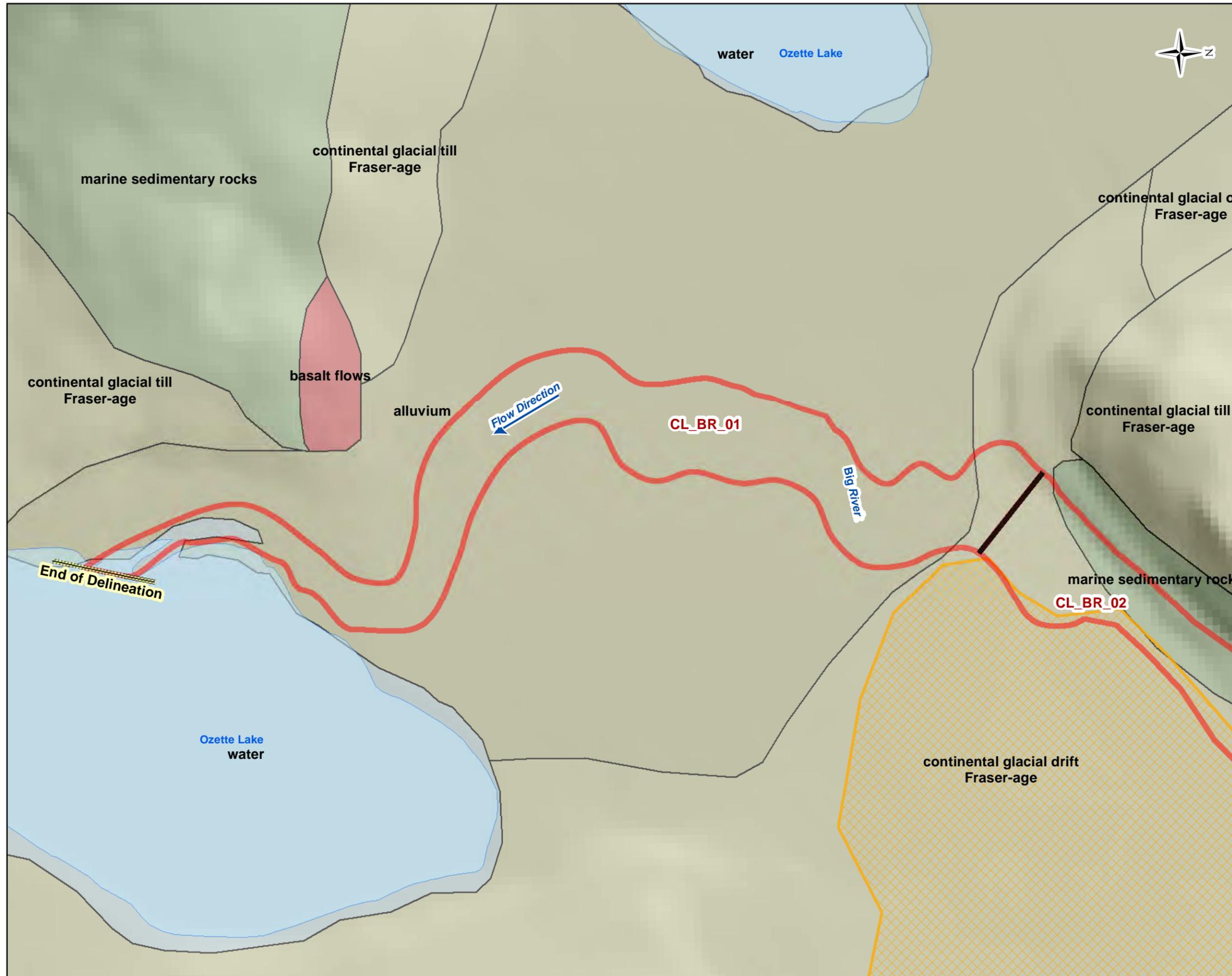
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Big River

Map 8

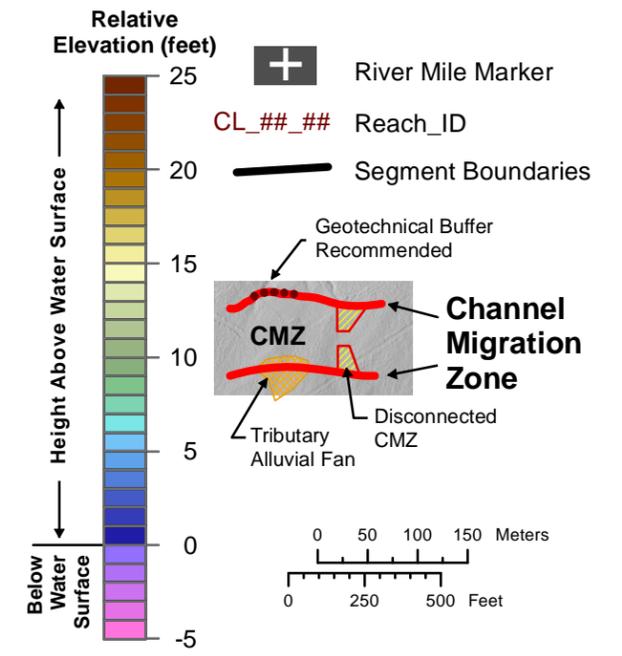
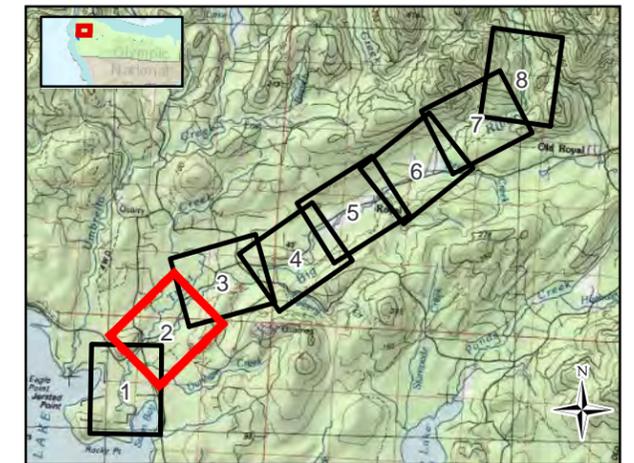
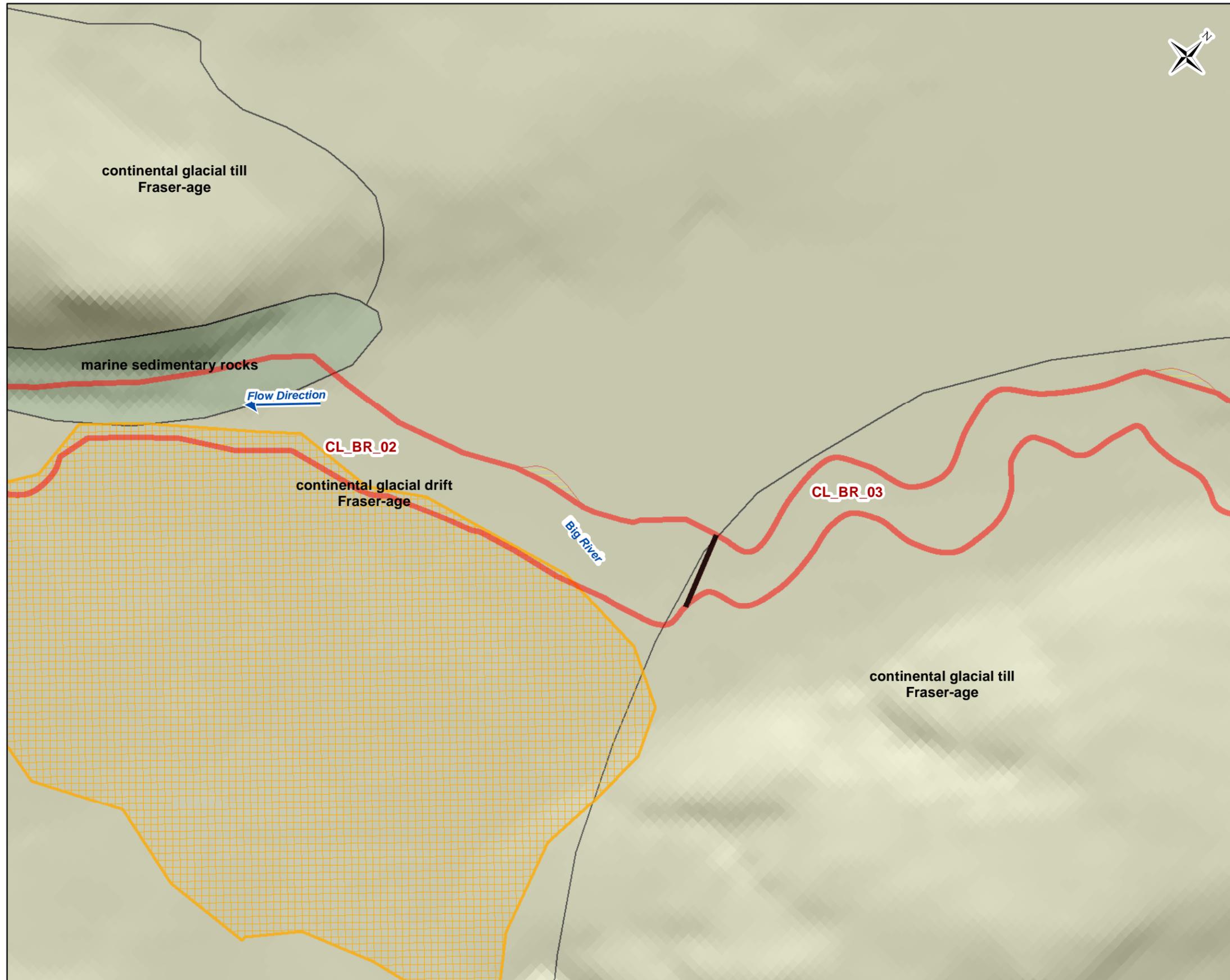


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Big River **Map 1**

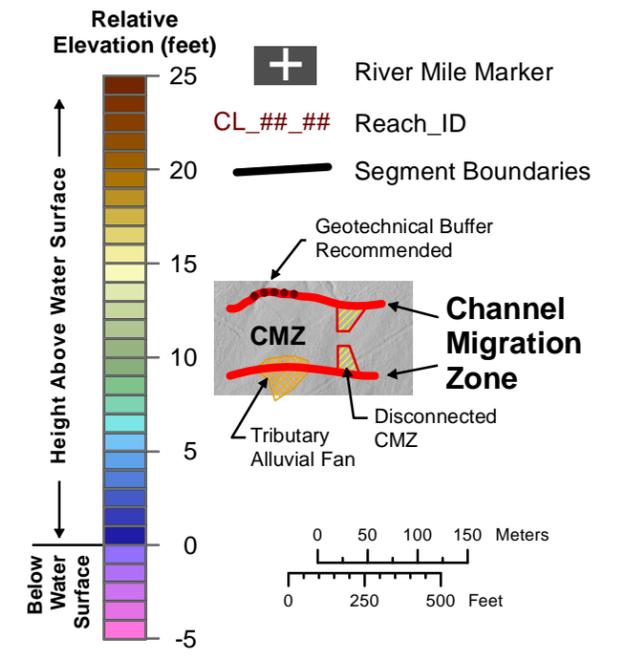
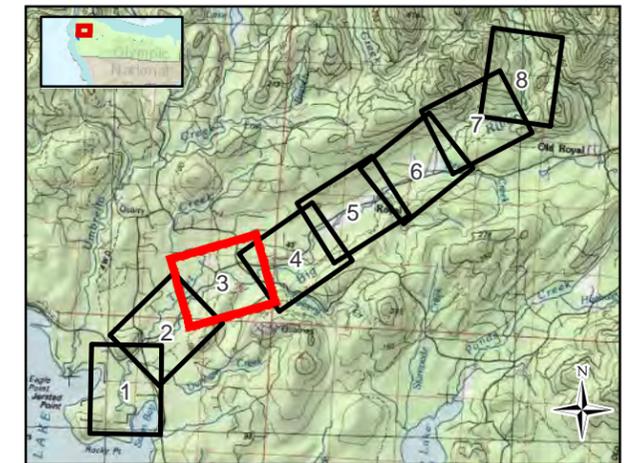


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Big River **Map 2**

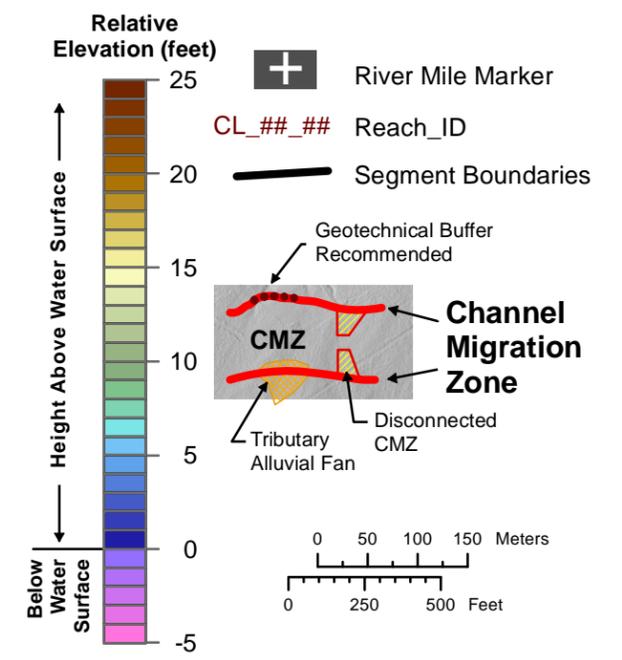
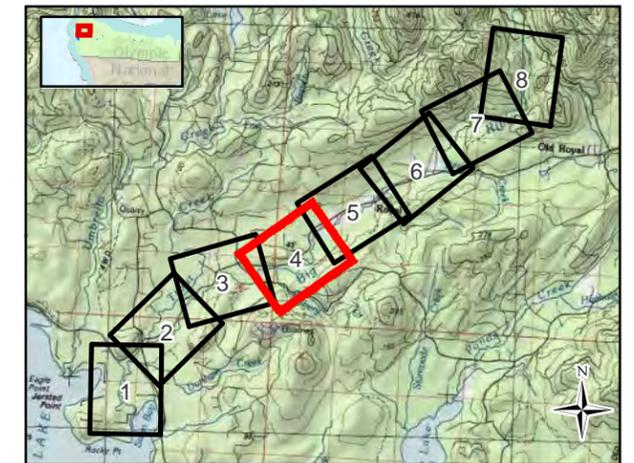


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Big River **Map 3**

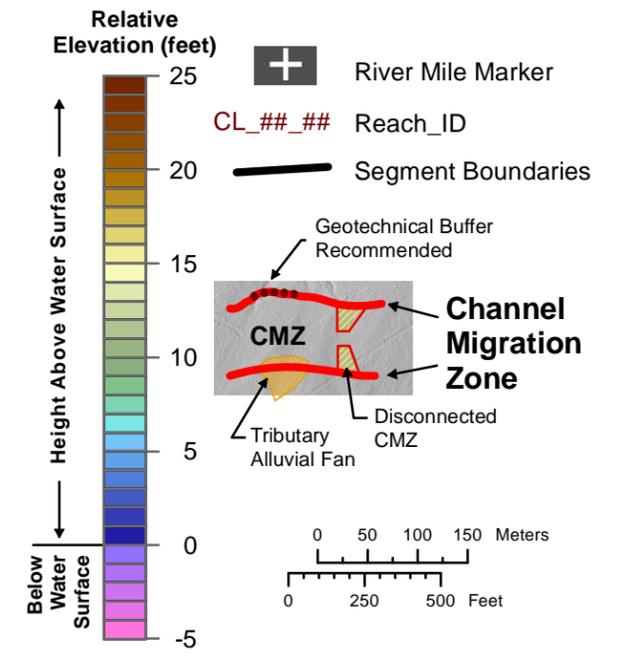
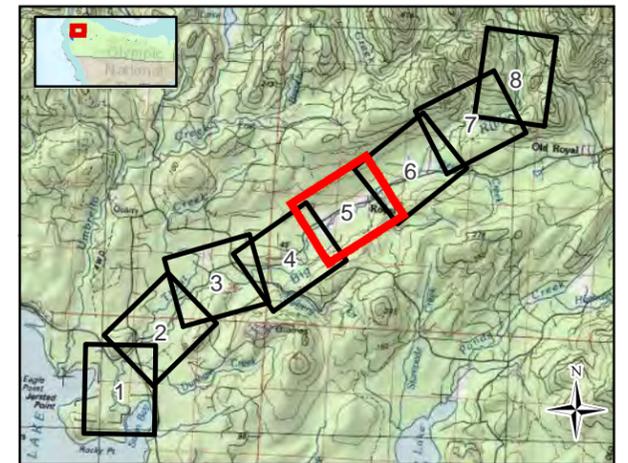


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Big River **Map 4**

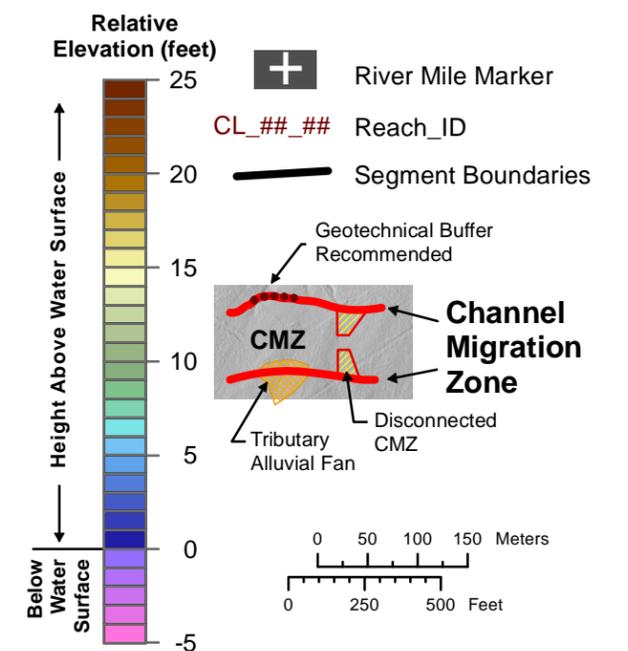
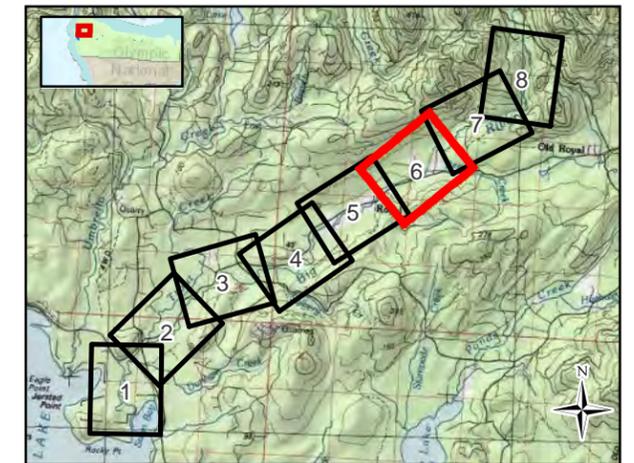
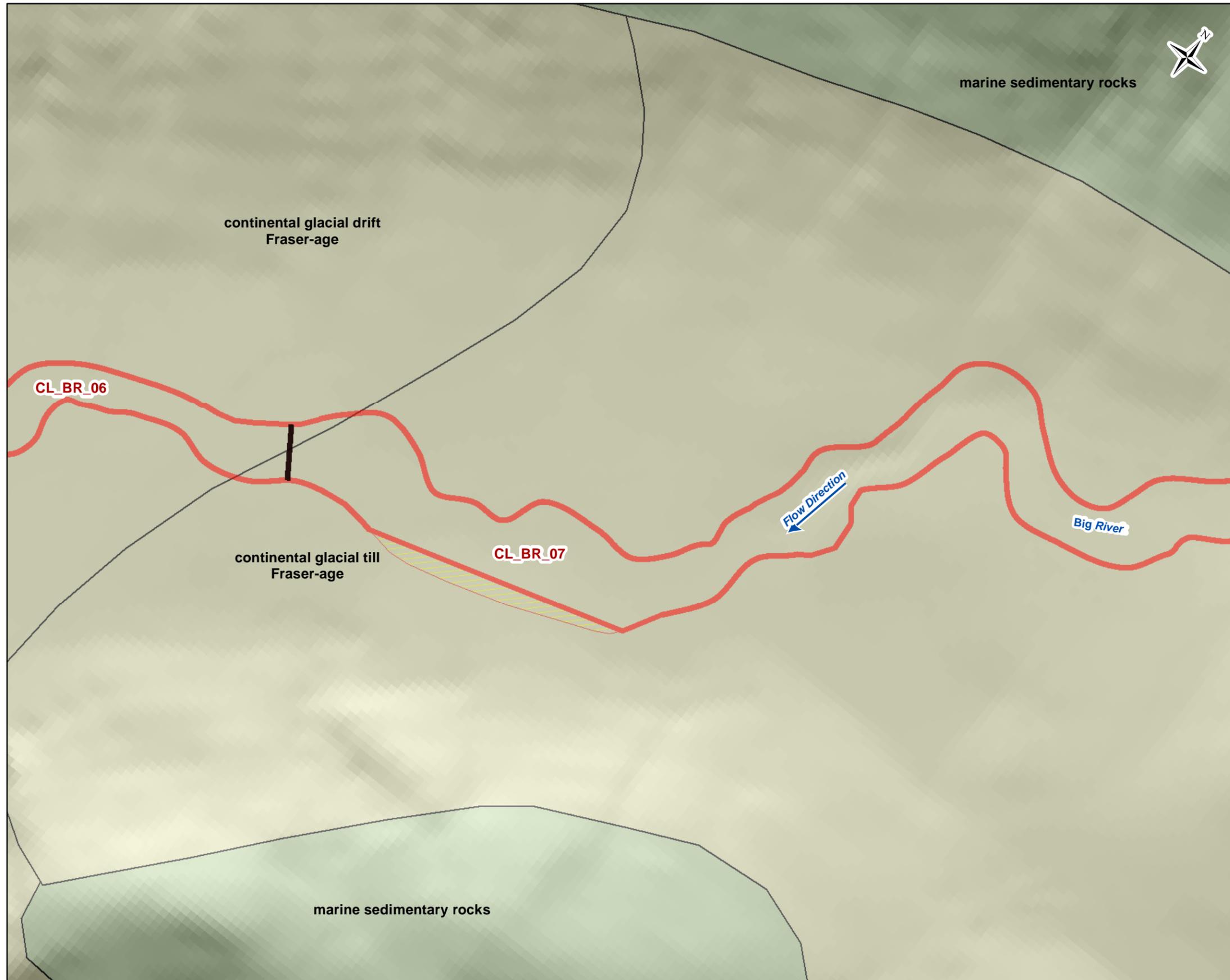


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Big River **Map 5**

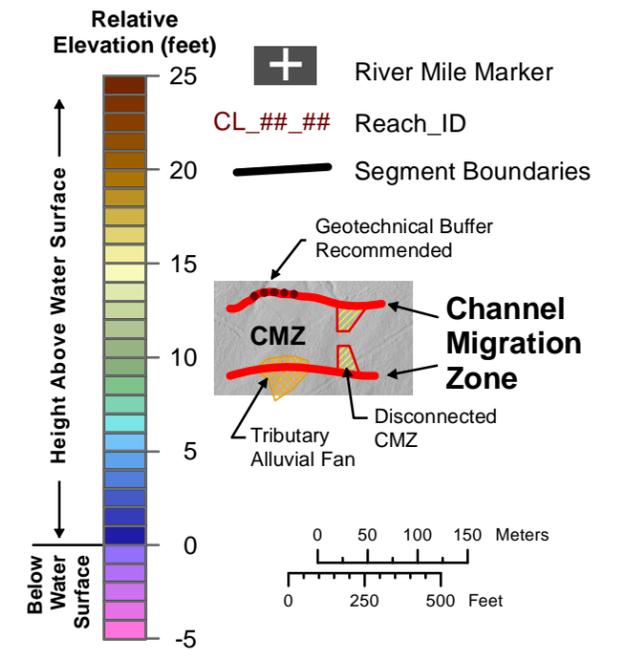
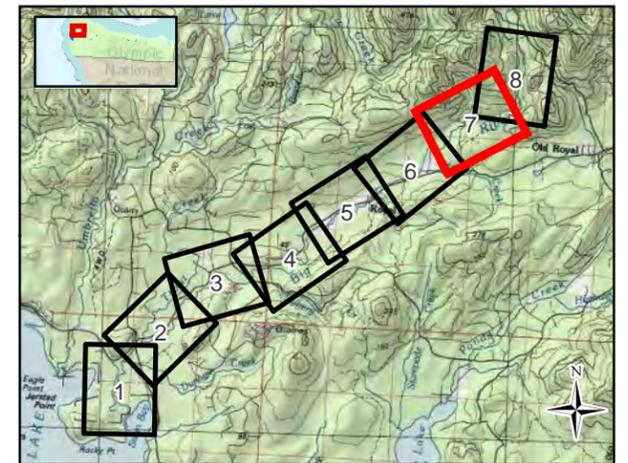


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Big River **Map 6**

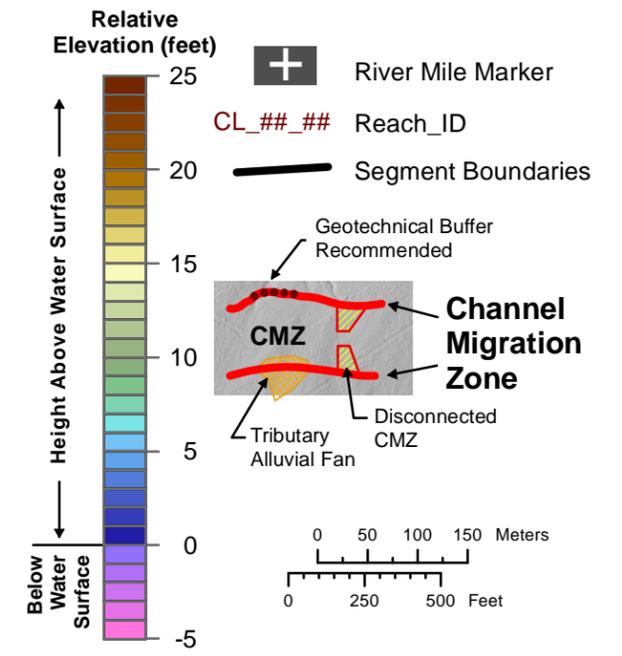
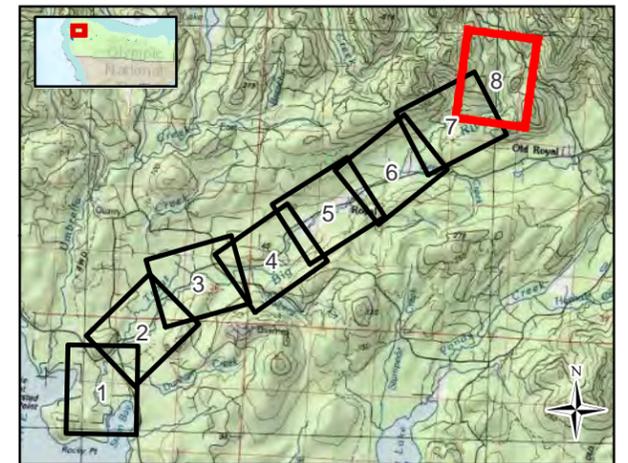
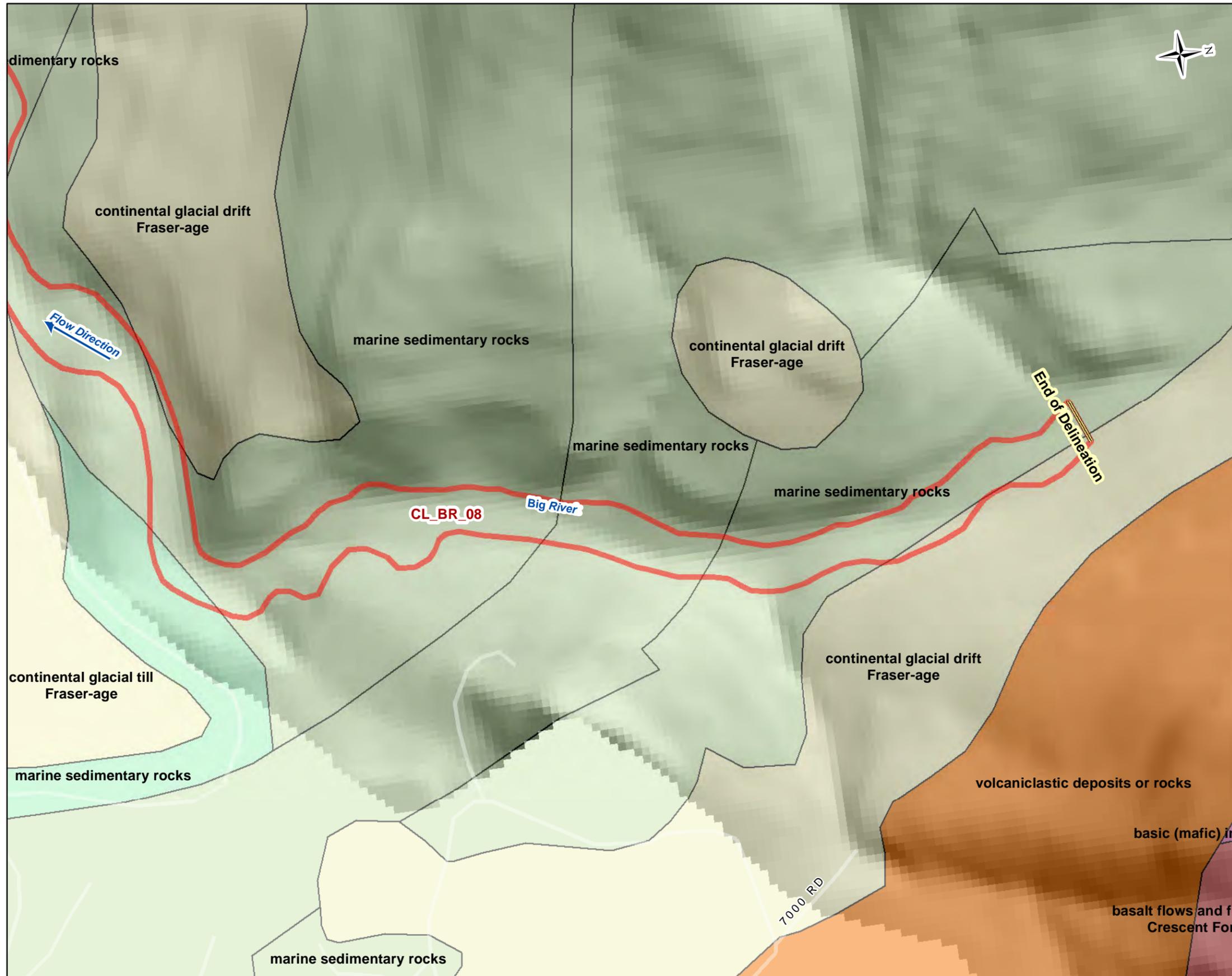


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Big River **Map 7**

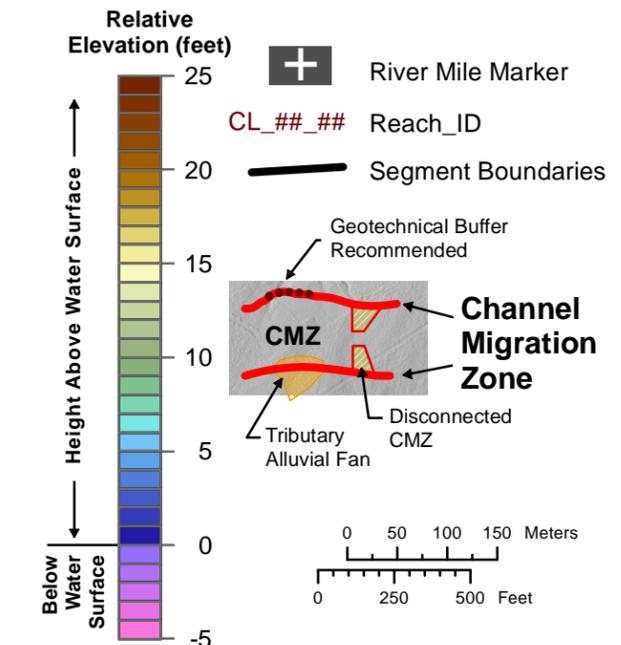
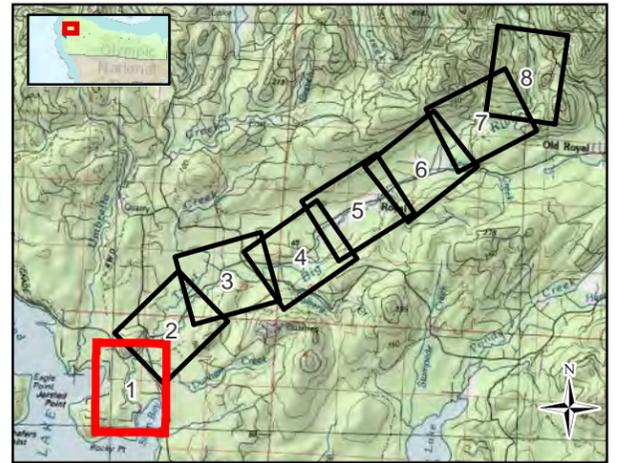


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Big River **Map 8**

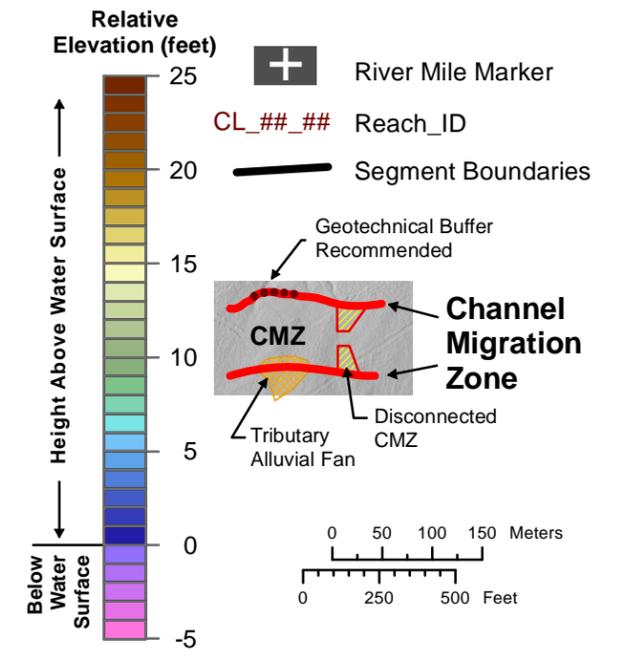
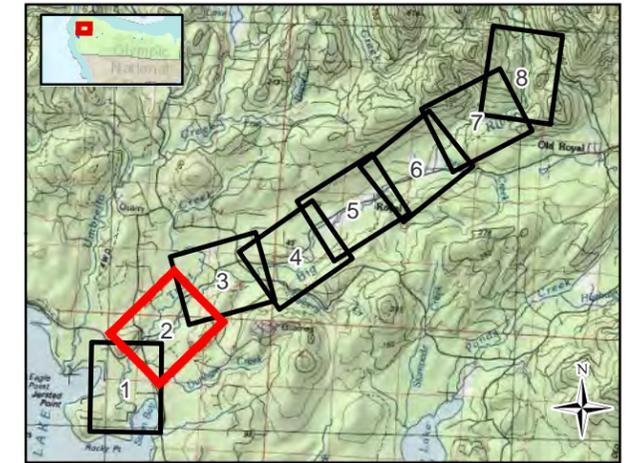
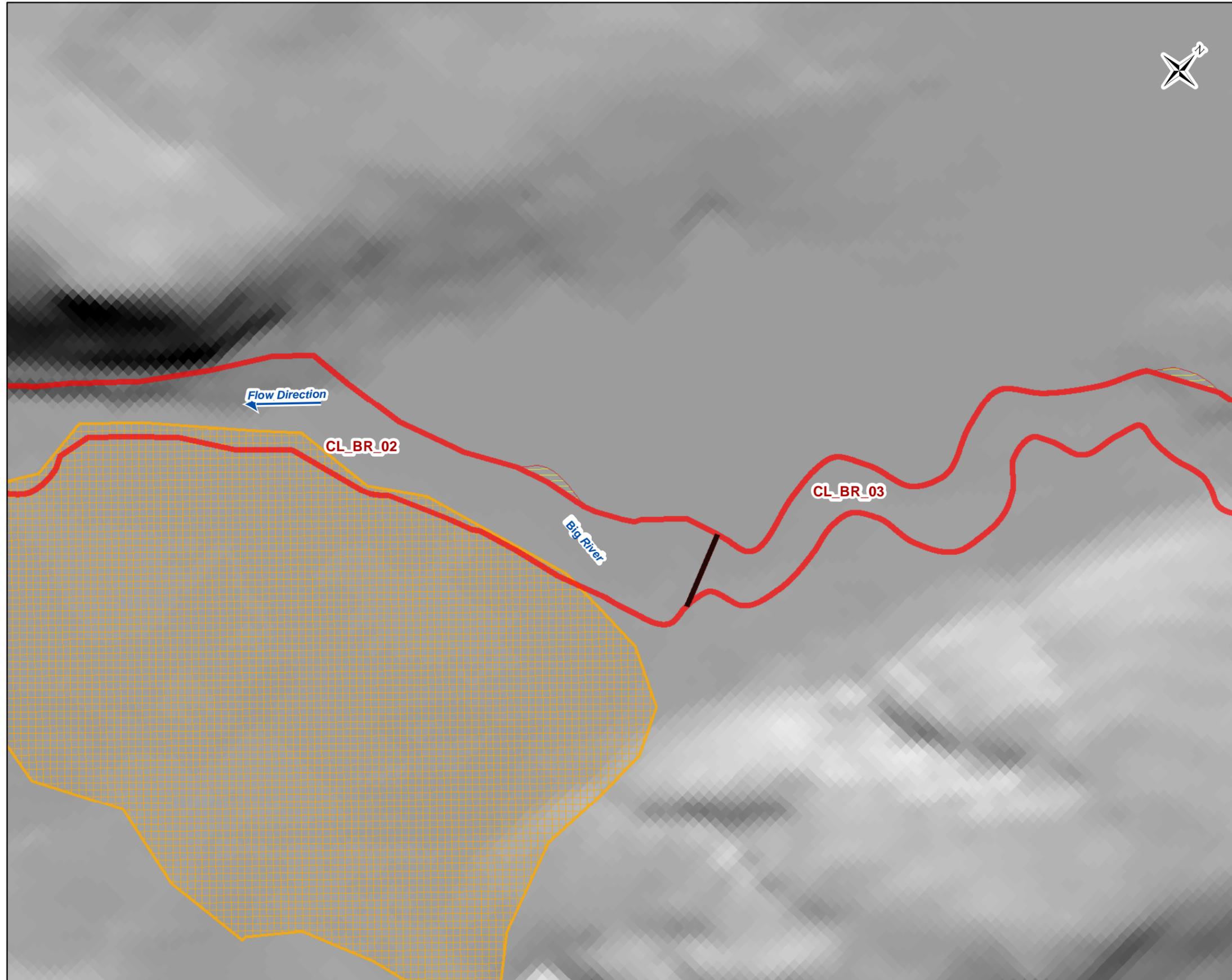


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Big River **Map 1**

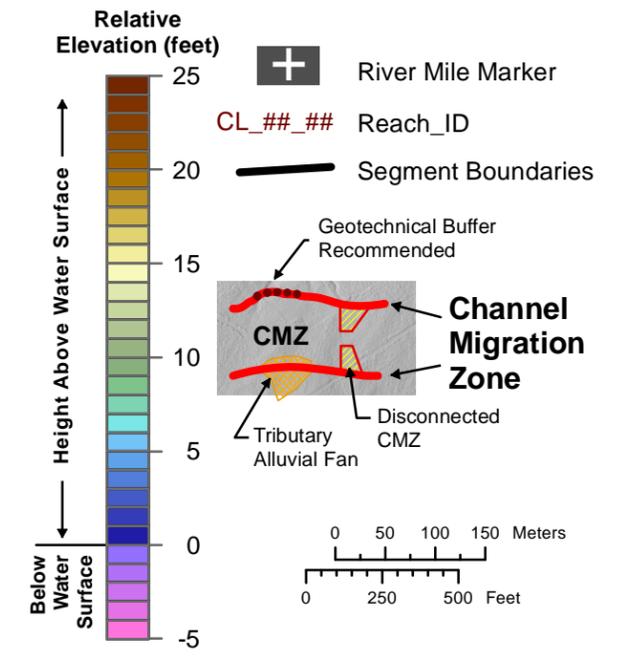
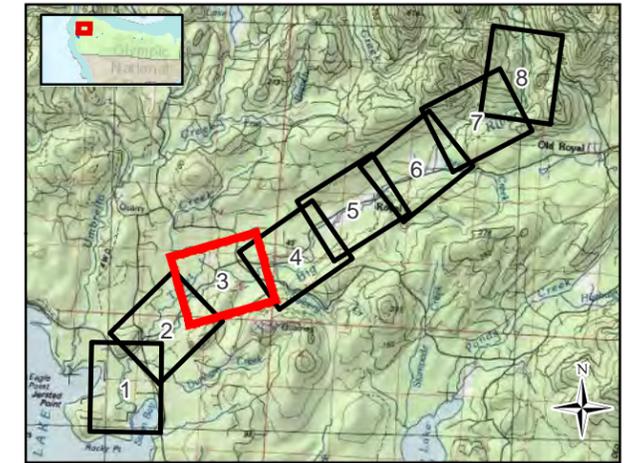
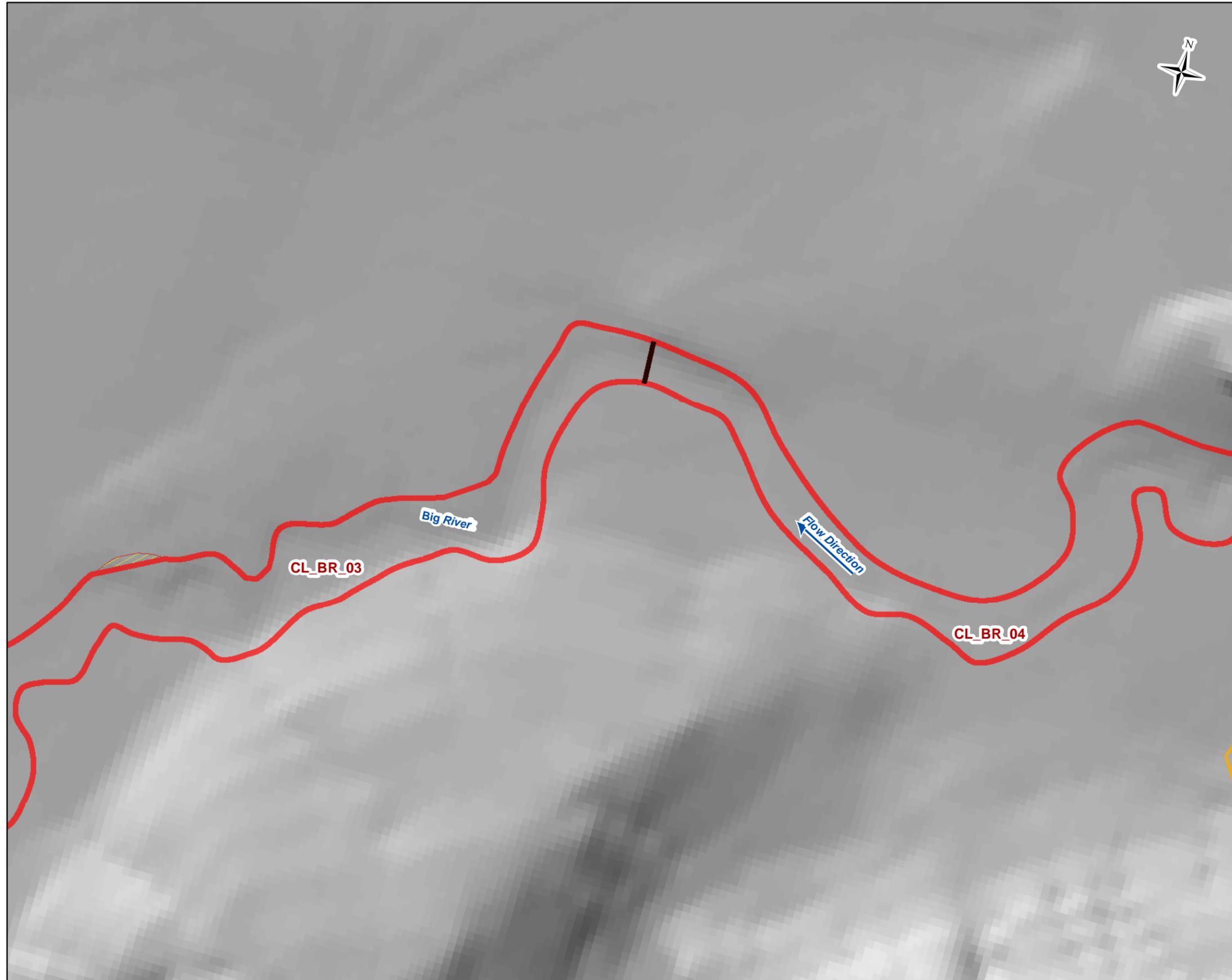


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Big River **Map 2**



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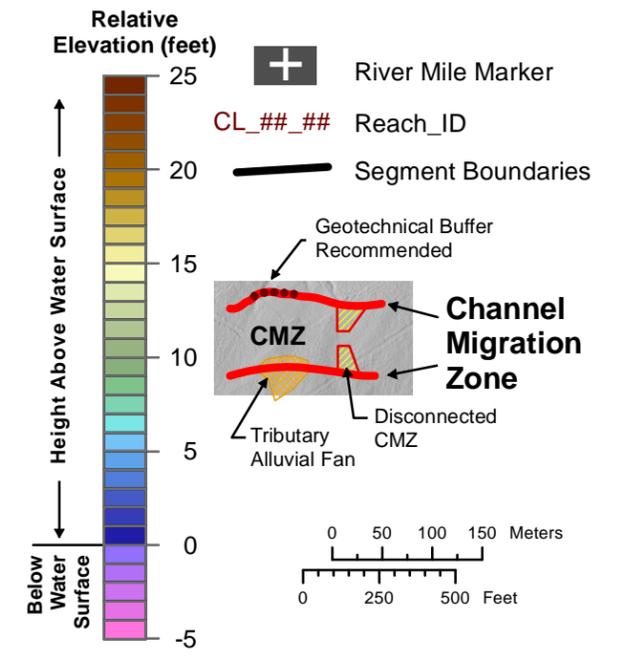
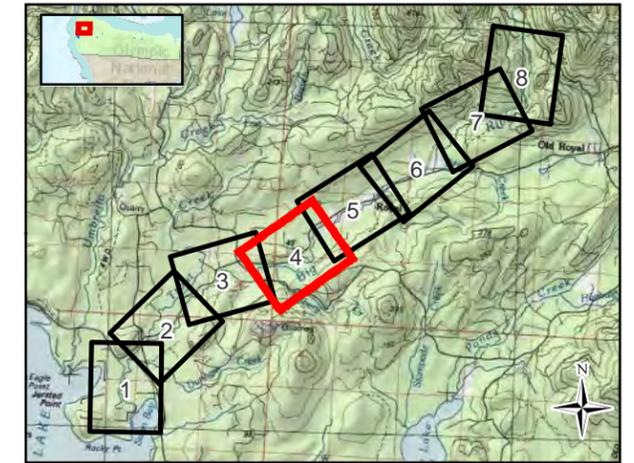
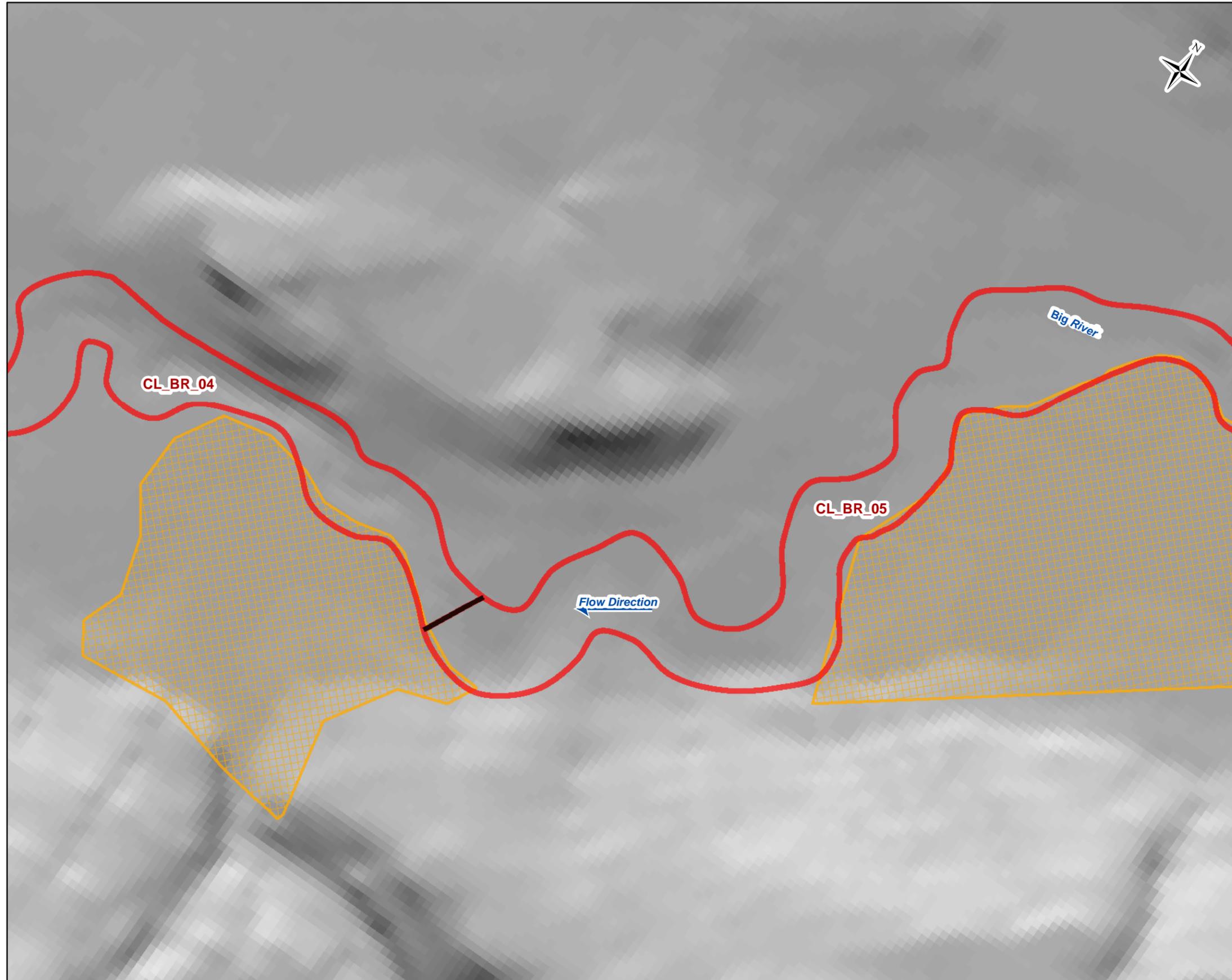


Channel Migration Assessment

*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Big River

Map 3

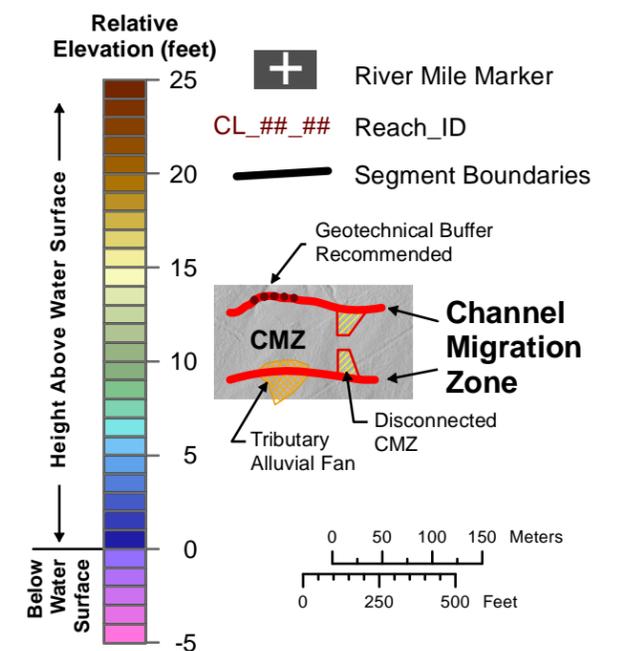
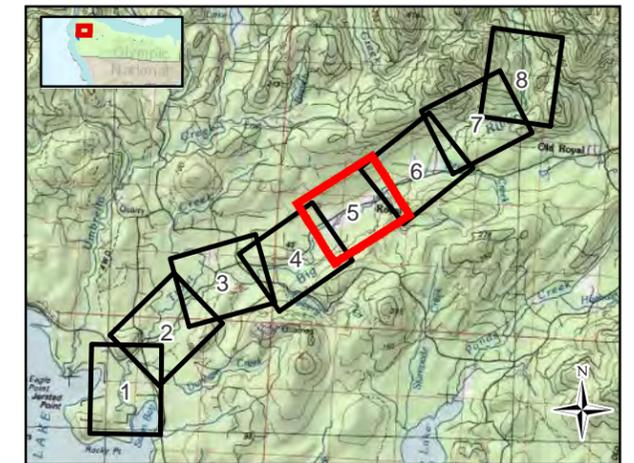
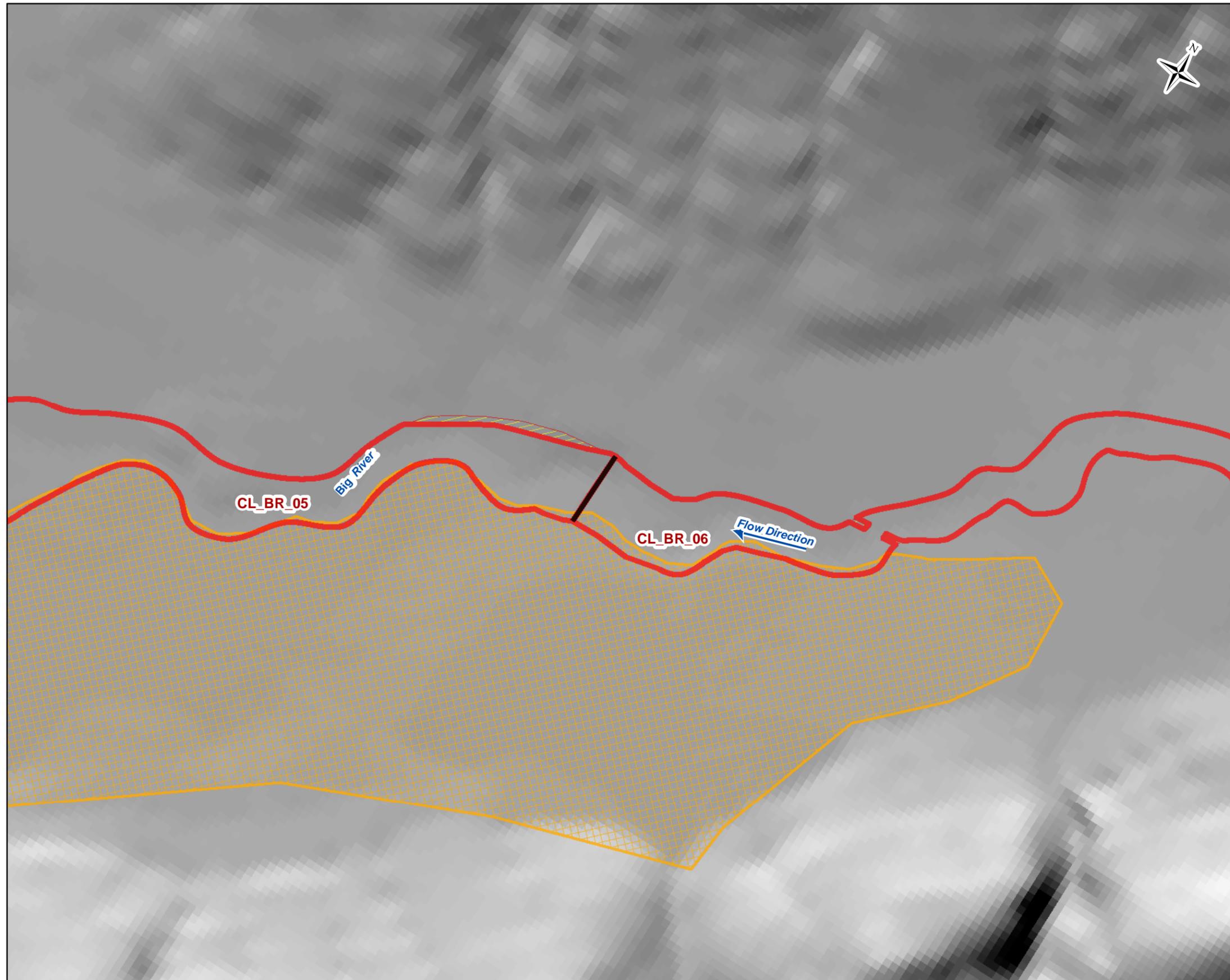


2002 LIDAR topography (Puget Sound LIDAR Consortium).
 10m DEM USGS
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
 Roads from TIGER (US Census Bureau)
 Coordinate System: State Plane Washington North
 Analyzed by: Patricia Olsen, PhD, LHG (WA Dept. of Ecology)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)
 and/or Patricia Olson, PhD, LHG, (WA Dept. of Ecology)



Channel Migration Assessment
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Big River **Map 4**



2002 LIDAR topography (Puget Sound LIDAR Consortium).
 10m DEM USGS
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
 Roads from TIGER (US Census Bureau)
 Coordinate System: State Plane Washington North

Analyzed by: Patricia Olsen, PhD, LHG (WA Dept. of Ecology)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)
 and/or Patricia Olson, PhD, LHG, (WA Dept. of Ecology)

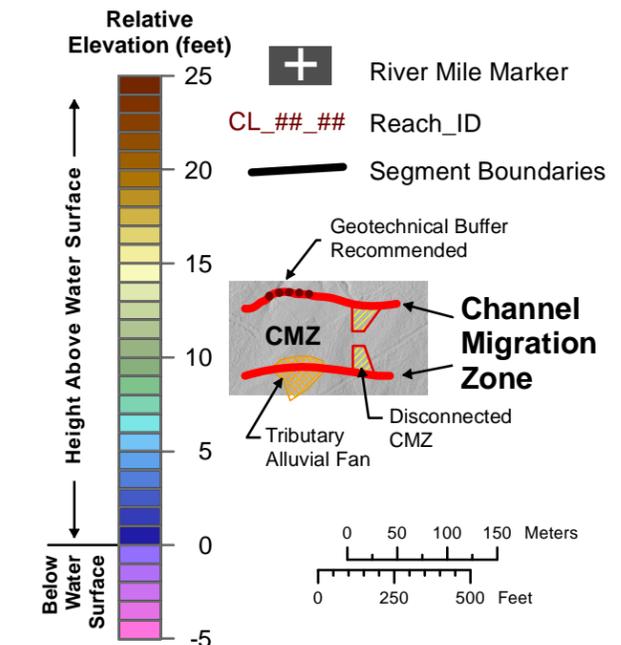
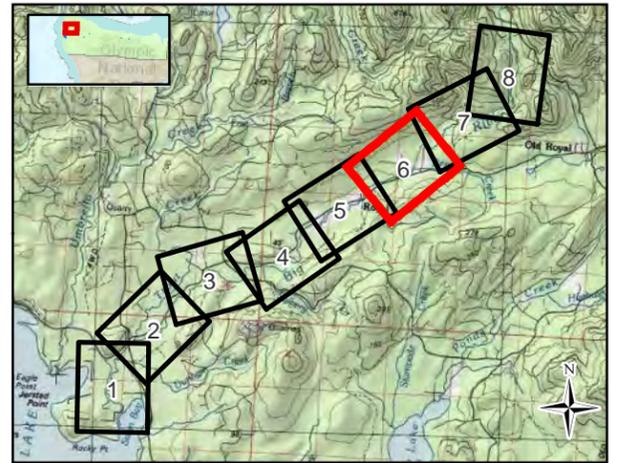
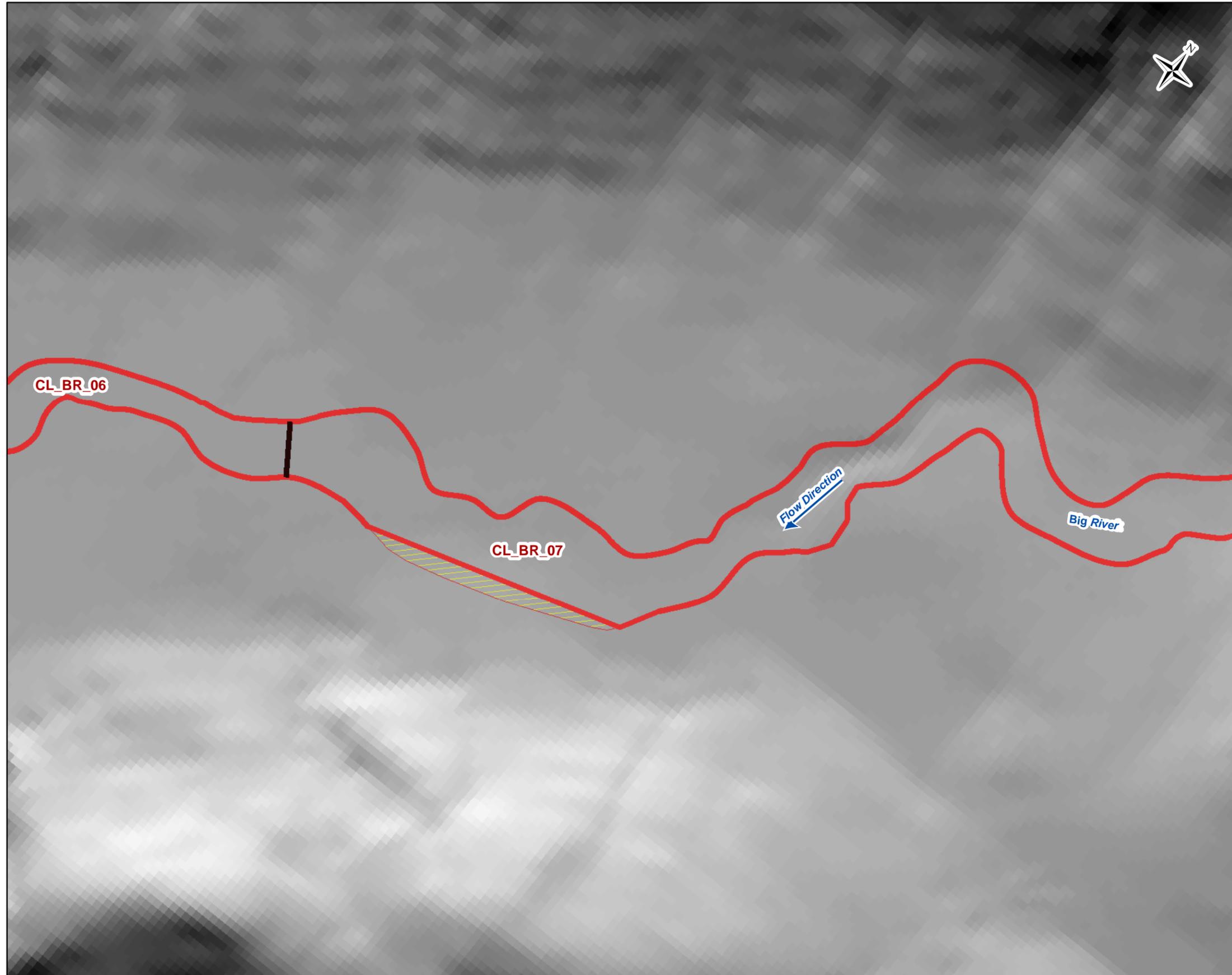


Channel Migration Assessment

*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Big River

Map 5

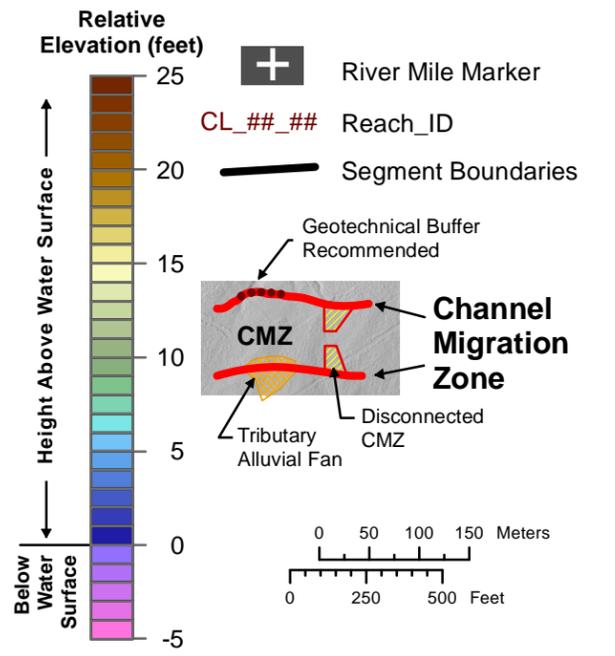
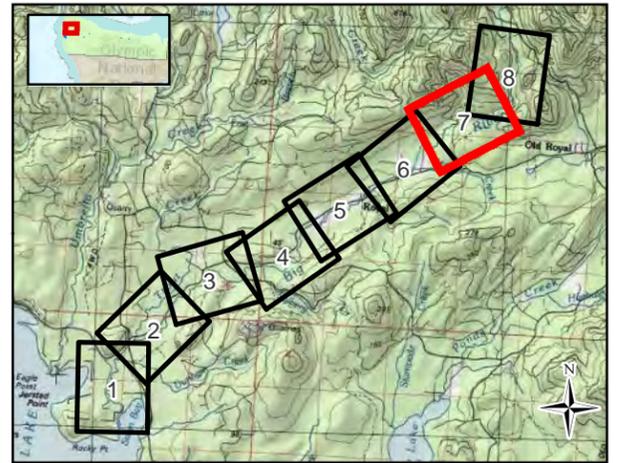
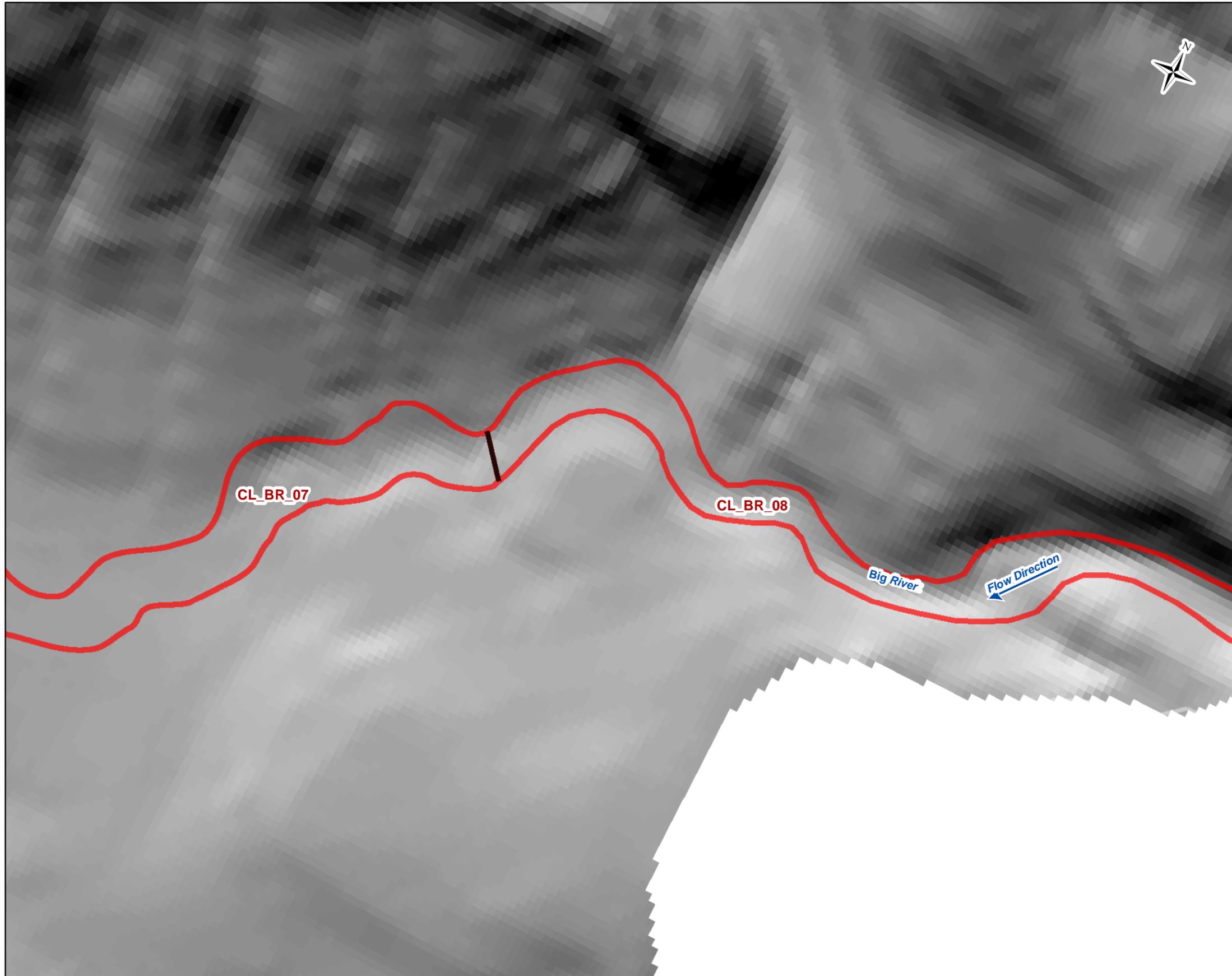


2002 LIDAR topography (Puget Sound LIDAR Consortium).
 10m DEM USGS
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
 Roads from TIGER (US Census Bureau)
 Coordinate System: State Plane Washington North
 Analyzed by: Patricia Olsen, PhD, LHG (WA Dept. of Ecology)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)
 and/or Patricia Olson, PhD, LHG, (WA Dept. of Ecology)



Channel Migration Assessment
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Big River **Map 6**



2002 LIDAR topography (Puget Sound LIDAR Consortium).
 10m DEM USGS
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
 Roads from TIGER (US Census Bureau)
 Coordinate System: State Plane Washington North
 Analyzed by: Patricia Olsen, PhD, LHG (WA Dept. of Ecology)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)
 and/or Patricia Olson, PhD, LHG, (WA Dept. of Ecology)

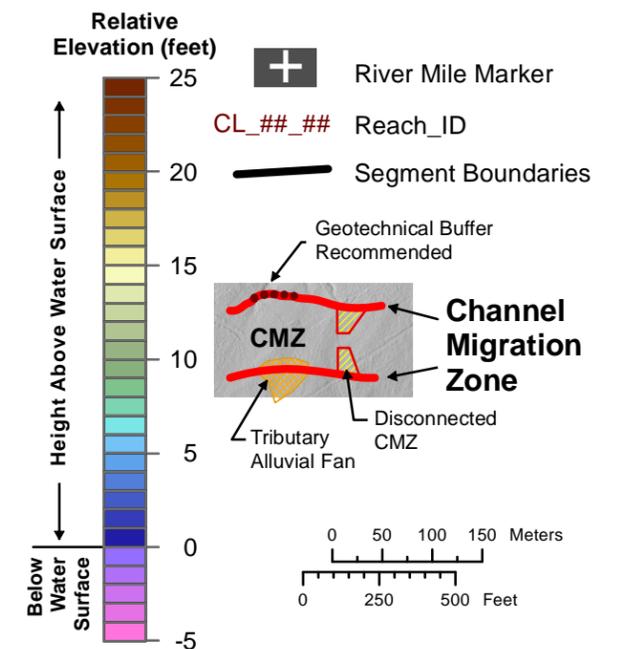
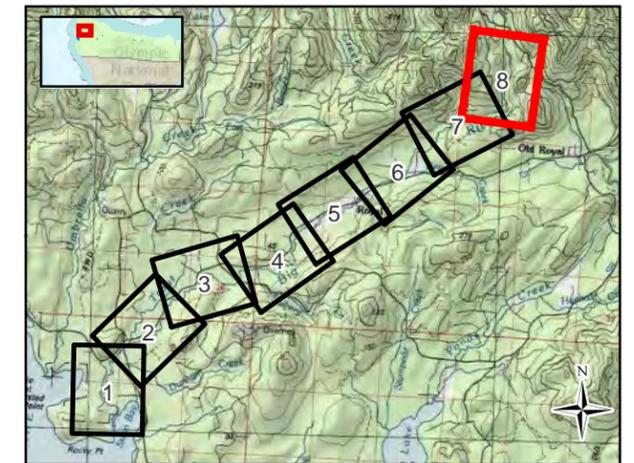
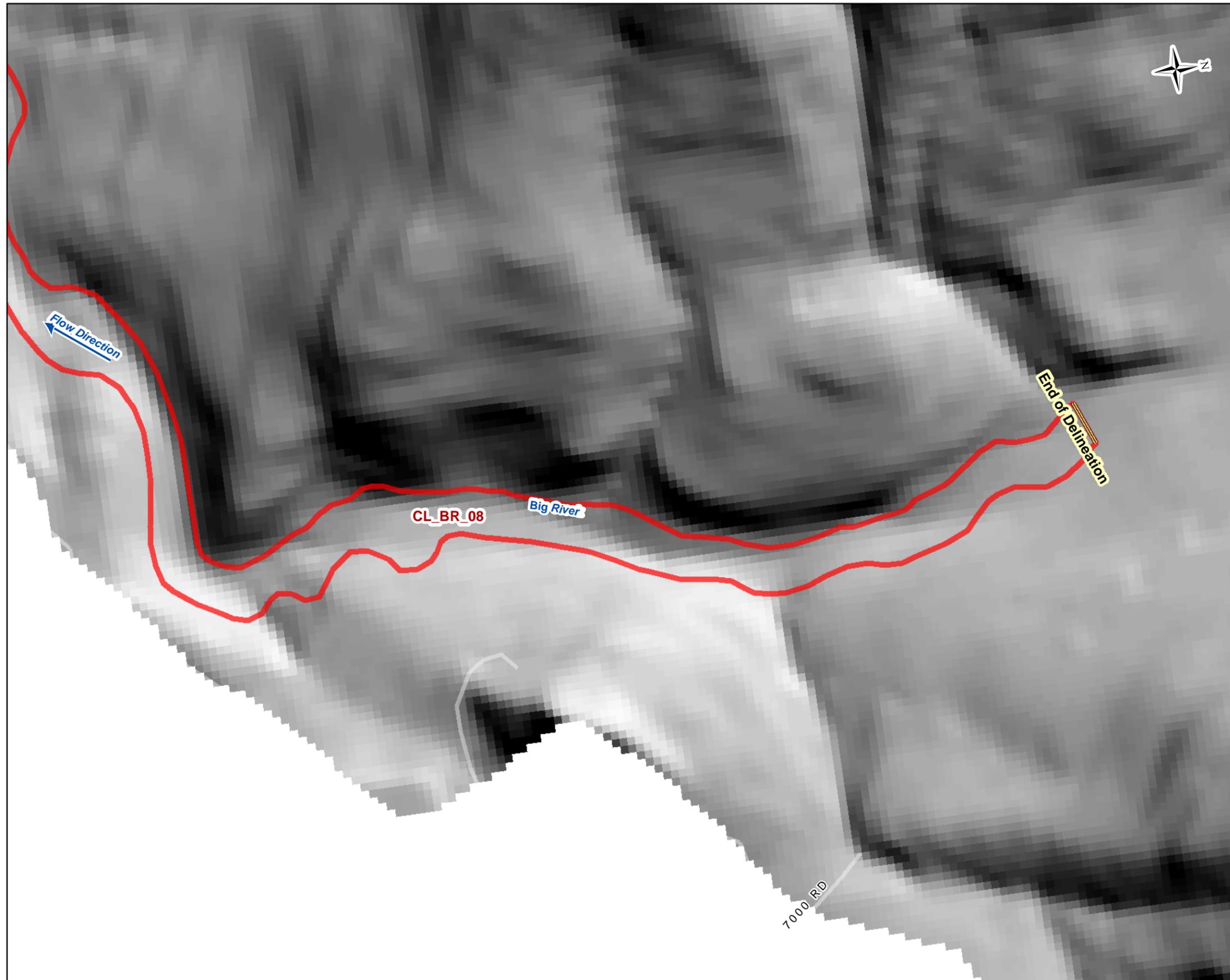


Channel Migration Assessment

*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Big River

Map 7



2002 LIDAR topography (Puget Sound LIDAR Consortium).
 10m DEM USGS
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
 Roads from TIGER (US Census Bureau)
 Coordinate System: State Plane Washington North

Analyzed by: Patricia Olsen, PhD, LHG (WA Dept. of Ecology)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)
 and/or Patricia Olson, PhD, LHG, (WA Dept. of Ecology)



Channel Migration Assessment

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 Clallam County, Washington*

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Map 8