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Analyzed by: Andrew Nelson (GeoEngineers)
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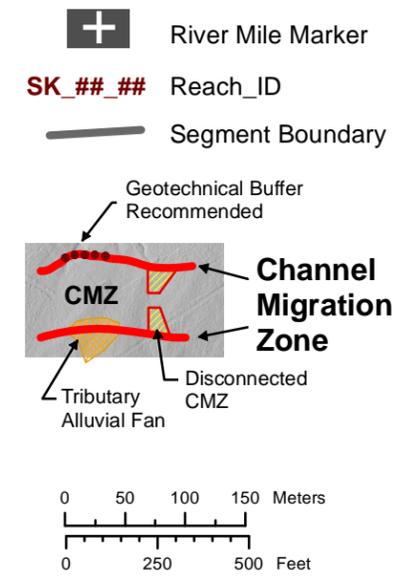
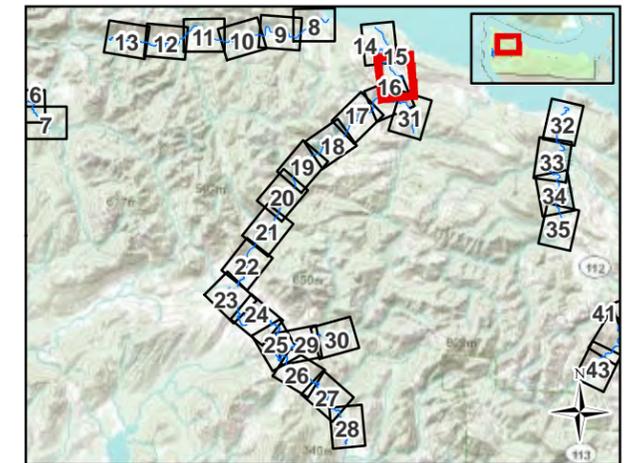


Channel Migration Assessment

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

Hoko River

Map 14



2004 LIDAR topography (Puget Sound LIDAR Consortium).
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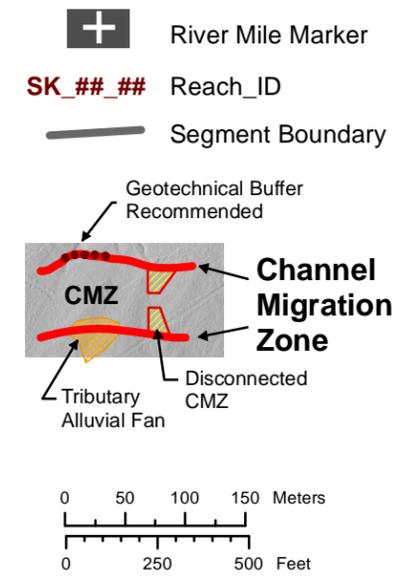
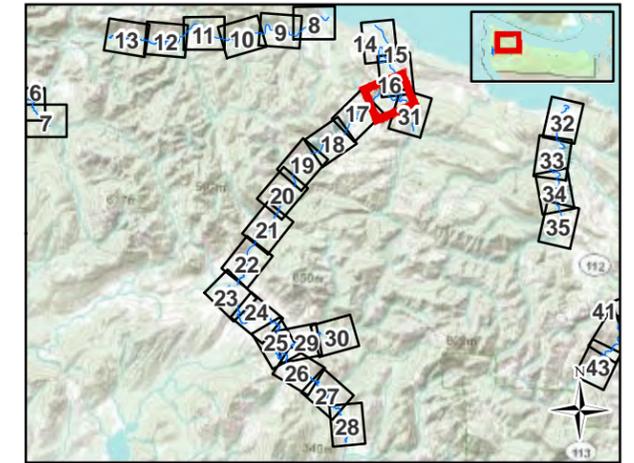
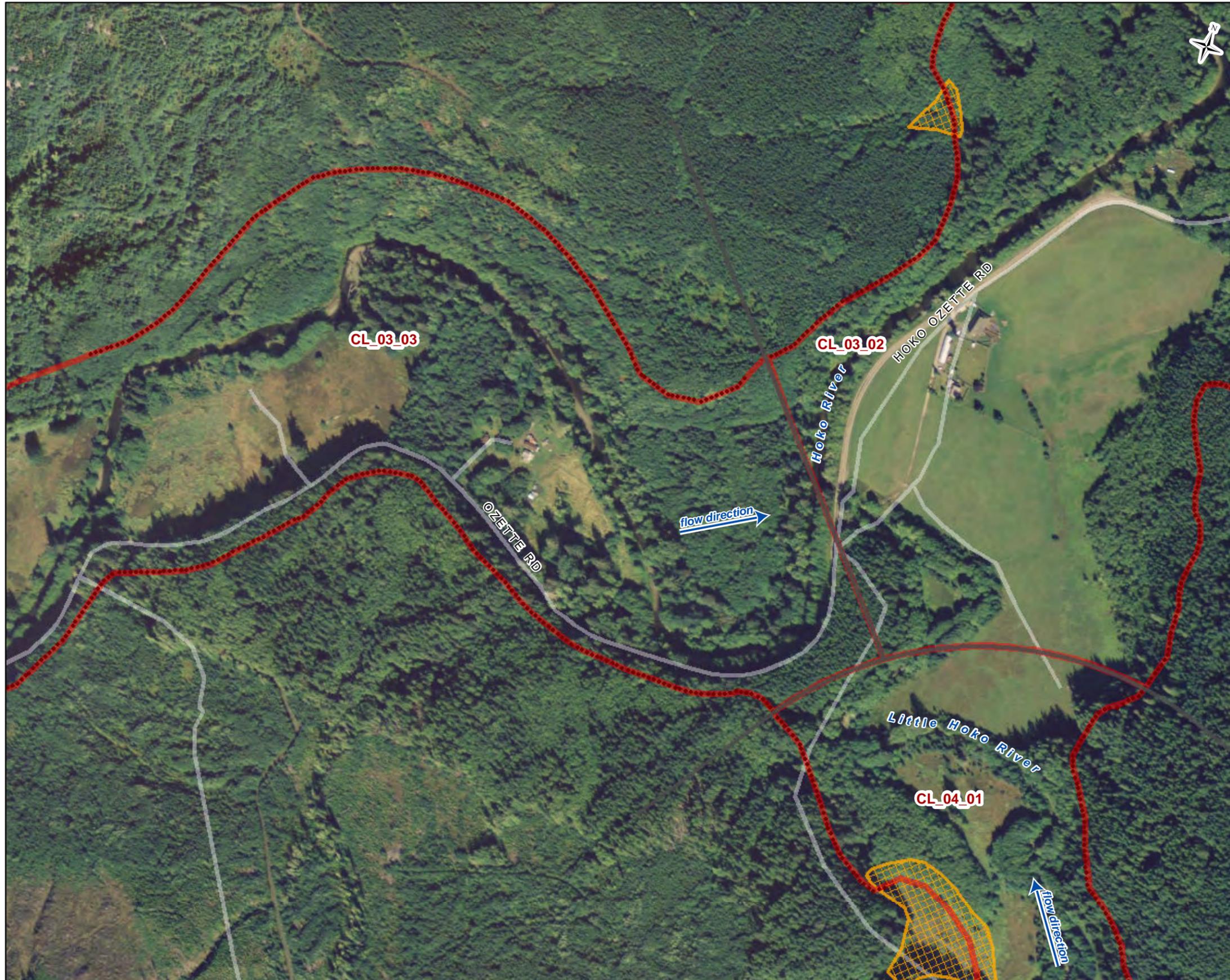


Channel Migration Assessment

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

Hoko River

Map 15



2004 LIDAR topography (Puget Sound LIDAR Consortium).
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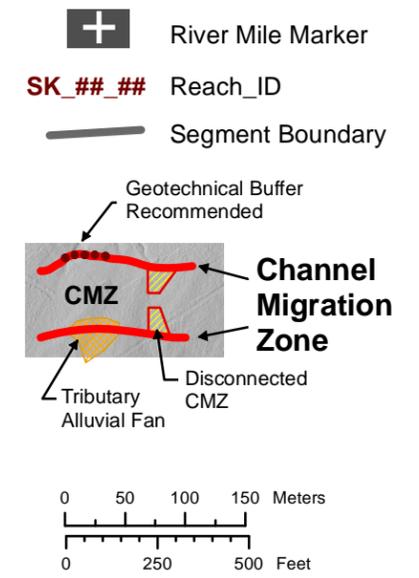
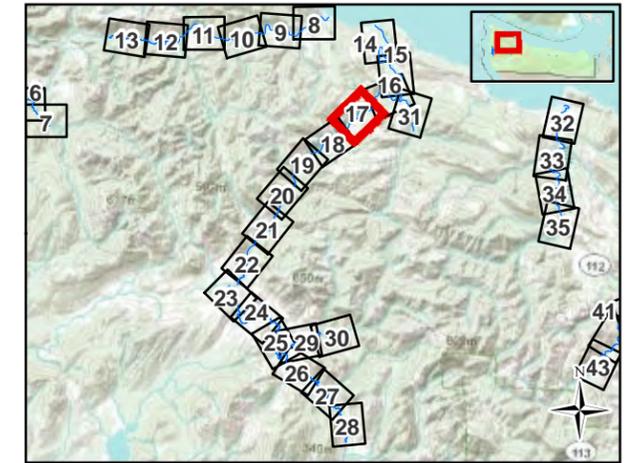


Channel Migration Assessment

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

Hoko River

Map 16



2004 LIDAR topography (Puget Sound LIDAR Consortium).
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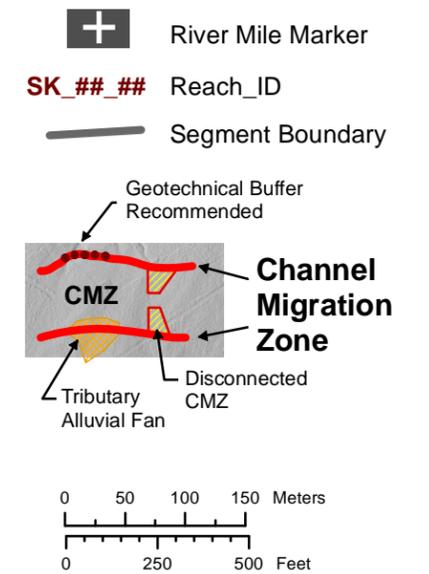
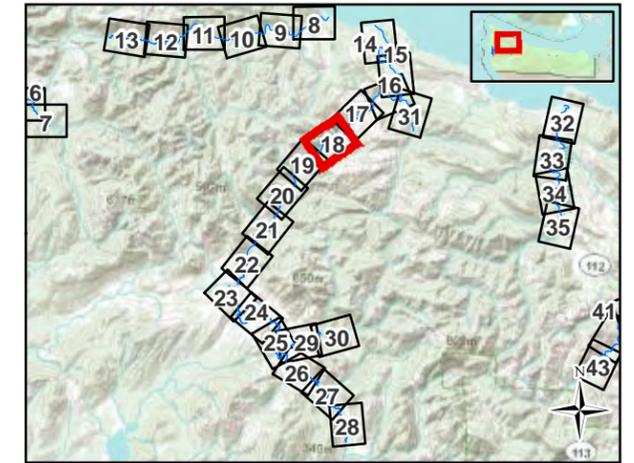


Channel Migration Assessment

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Hoko River

Map 17



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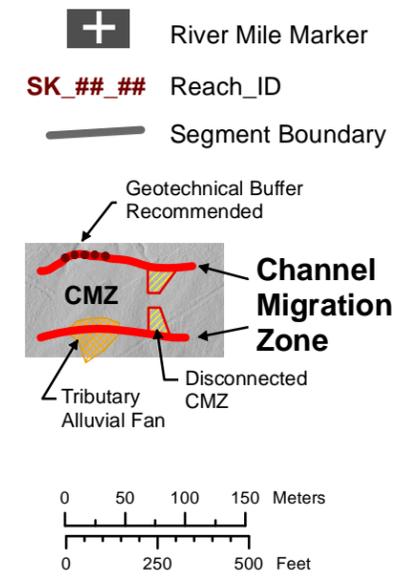
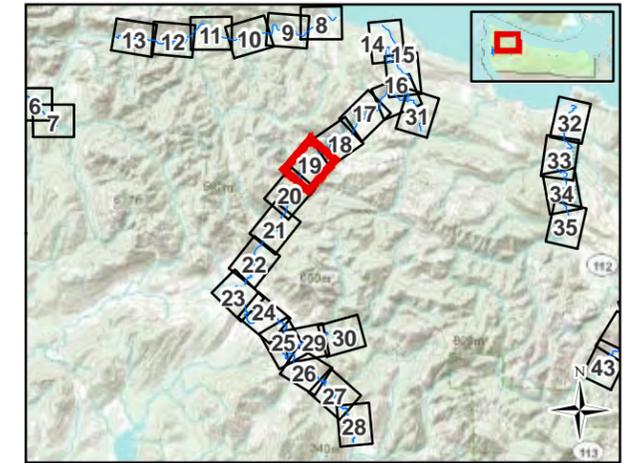
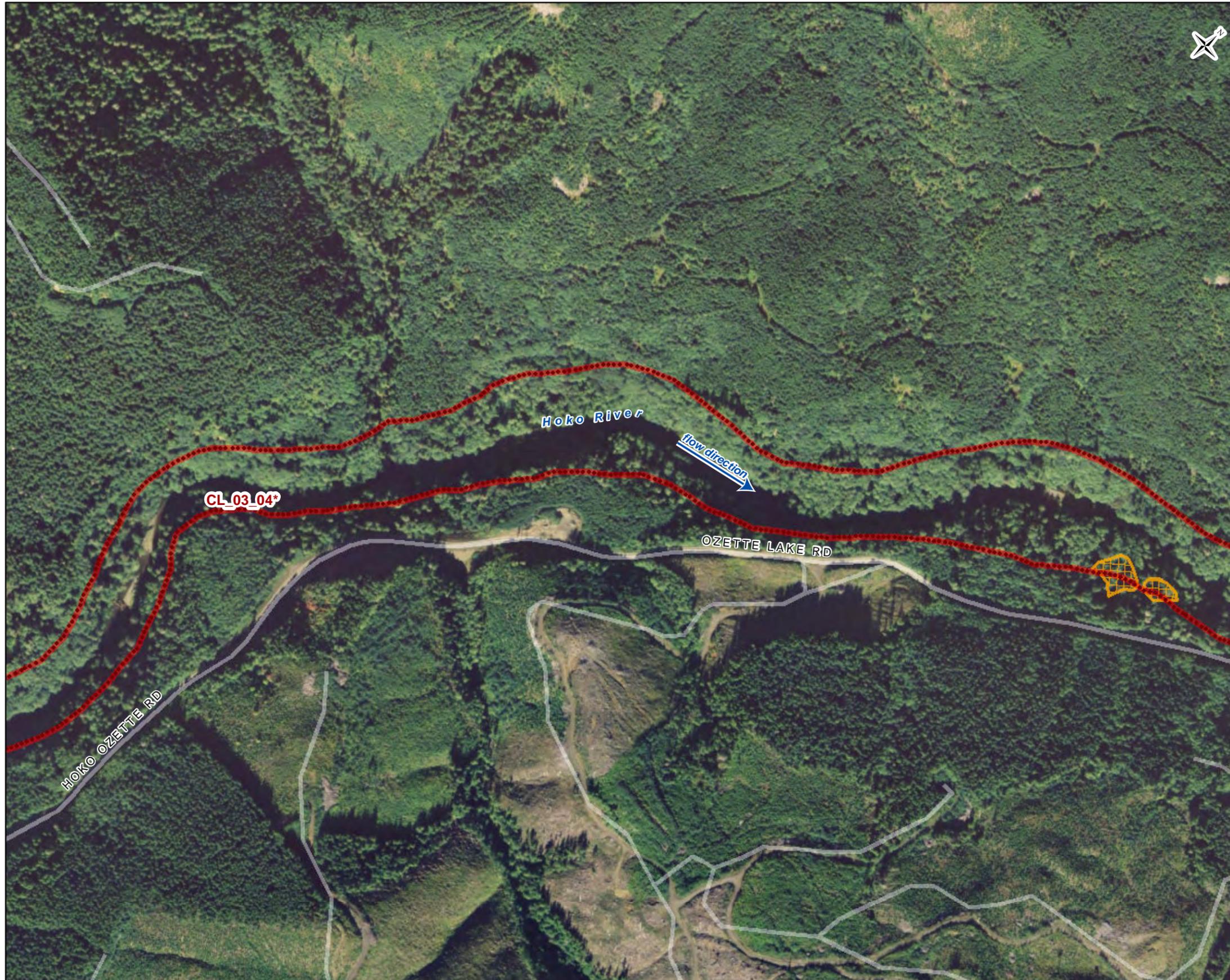


Channel Migration Assessment

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

Hoko River

Map 18



2004 LIDAR topography (Puget Sound LIDAR Consortium).
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 2006 and 2009 aerials from ESRI World Imagery
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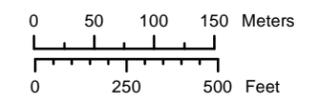
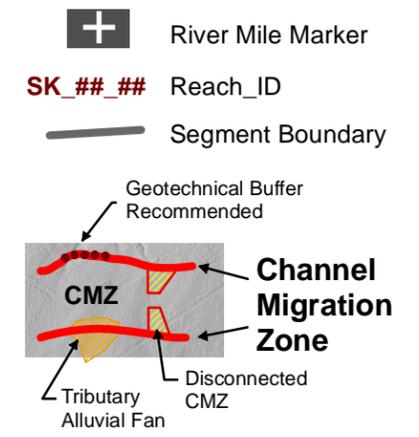
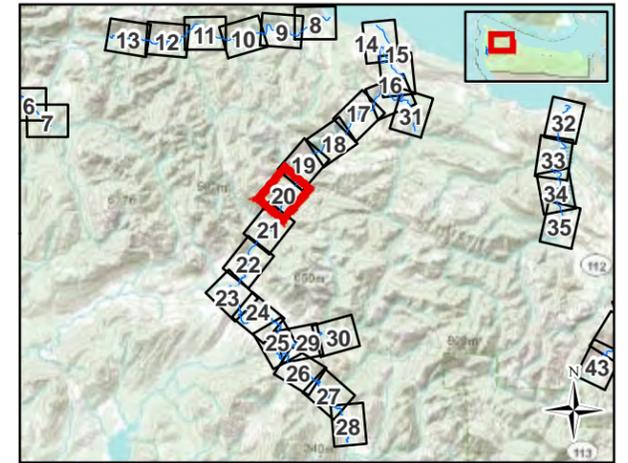


Channel Migration Assessment

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 Clallam County, Washington*

Hoko River

Map 19



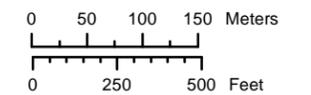
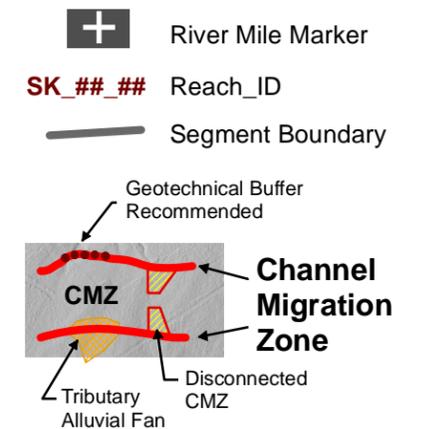
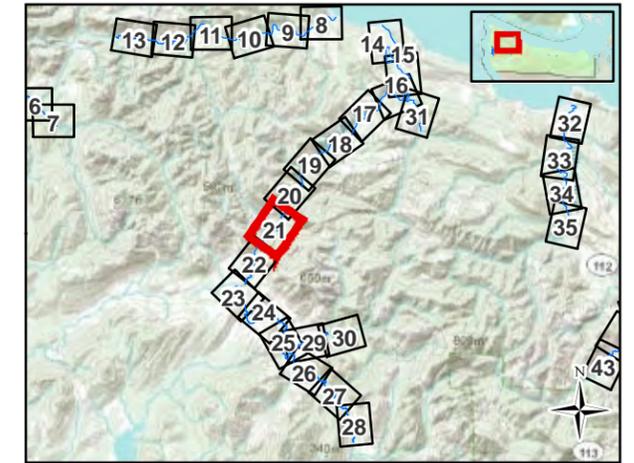
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Channel Migration Assessment
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Hoko River **Map 20**



2004 LIDAR topography (Puget Sound LIDAR Consortium).
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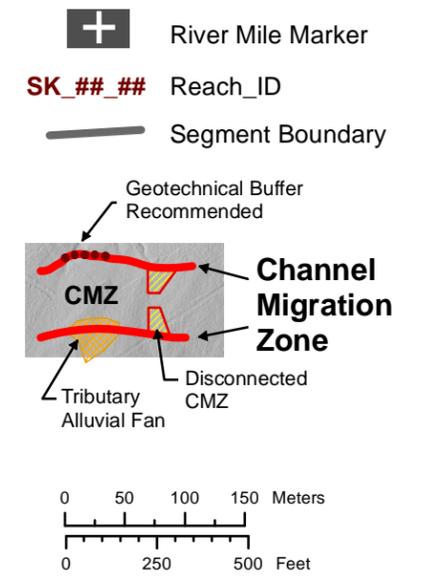
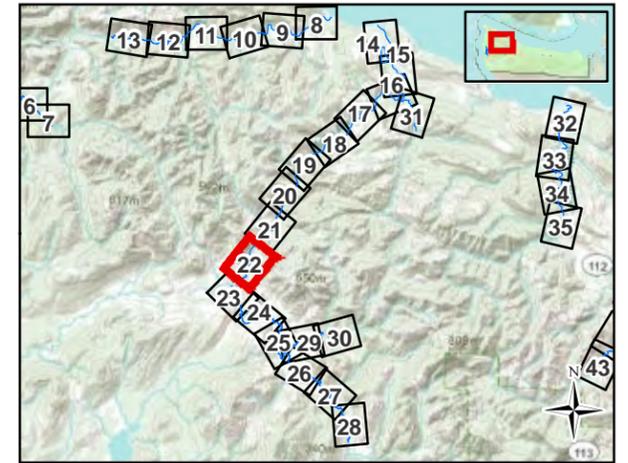
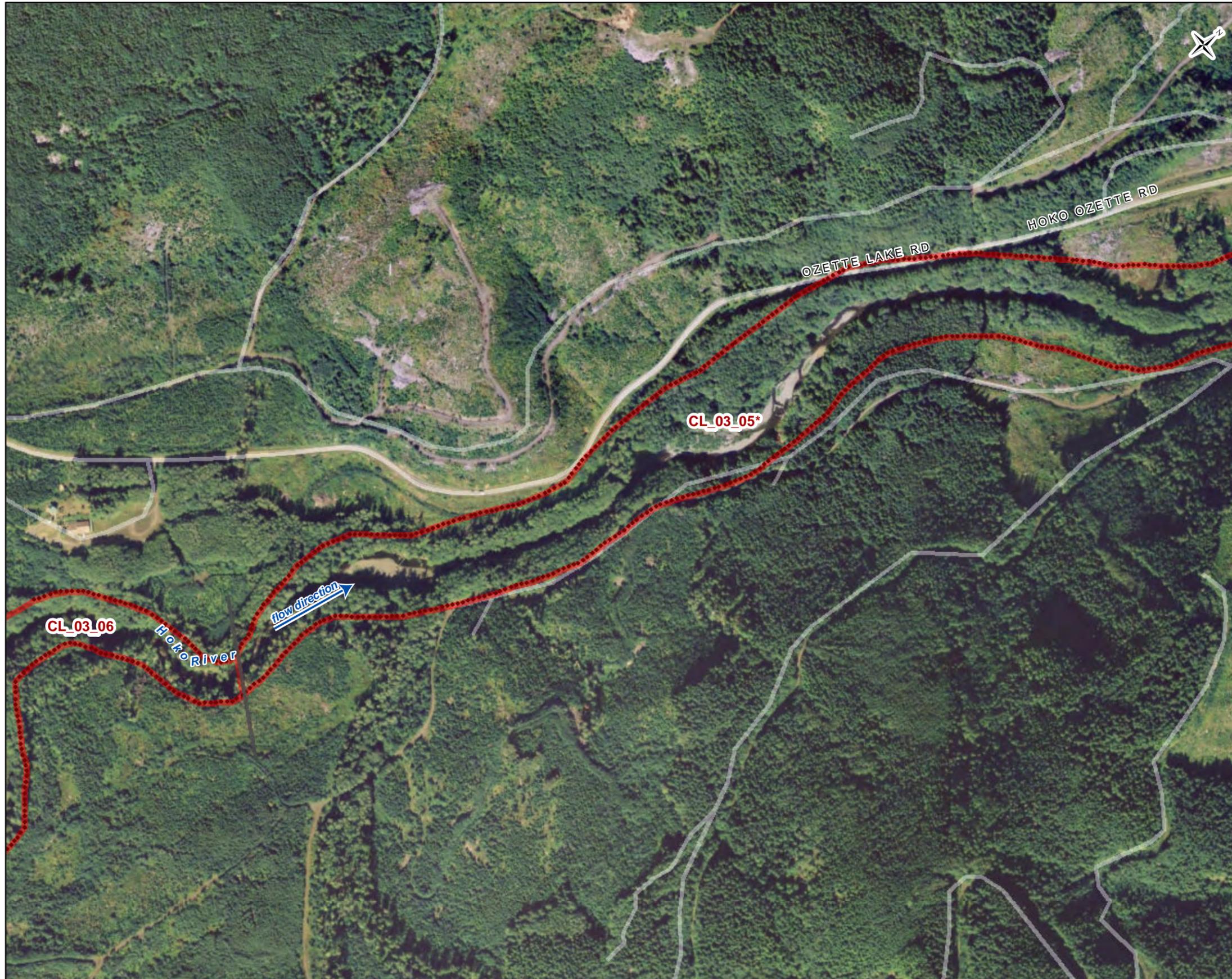


Channel Migration Assessment

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 Clallam County, Washington*

Hoko River

Map 21



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
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 WA State Dept of Nat. Resources 1:100,000 Geology
 River miles calculated from NHD stream alignment (USGS)
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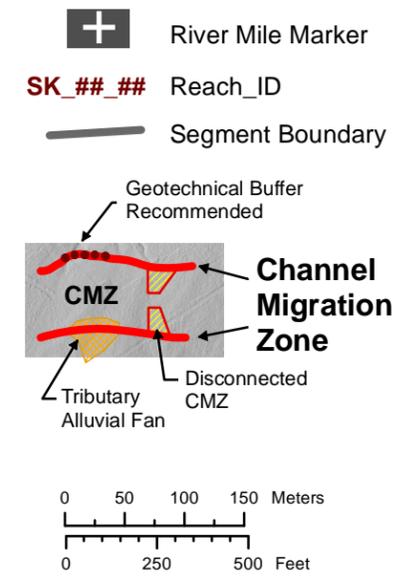
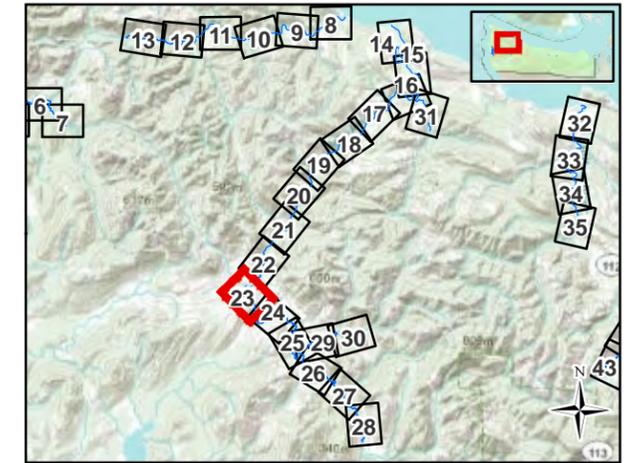
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*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Hoko River **Map 22**

Source File: \\red\projects\0\0504064\GIS\MXD\Clallam_Template_final_Aerial: ADN 12/27/2011



2004 LIDAR topography (Puget Sound LIDAR Consortium).
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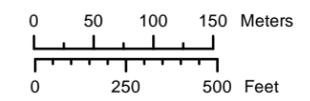
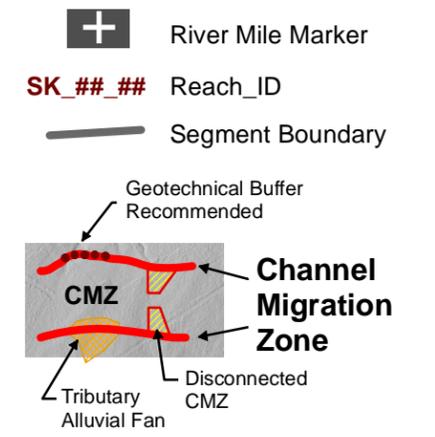
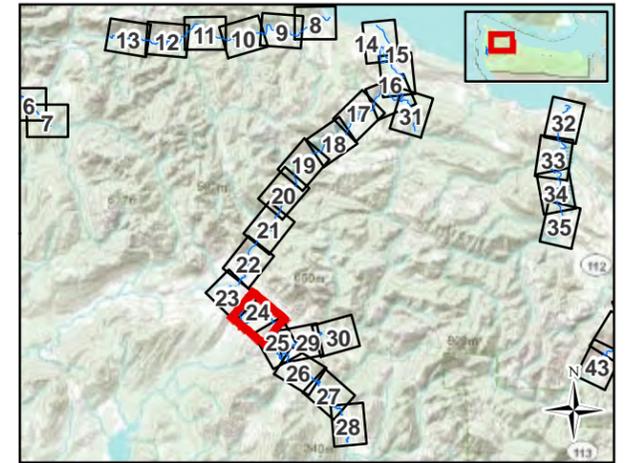


Channel Migration Assessment

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

Hoko River

Map 23



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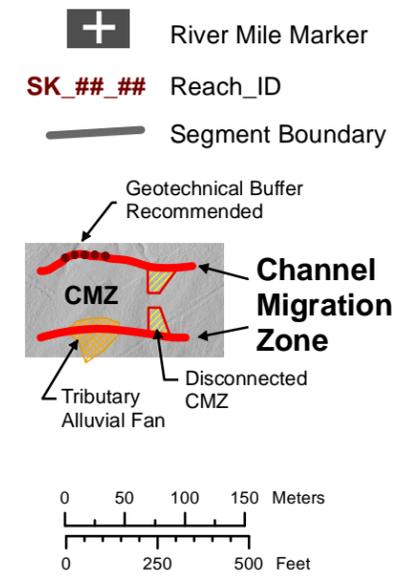
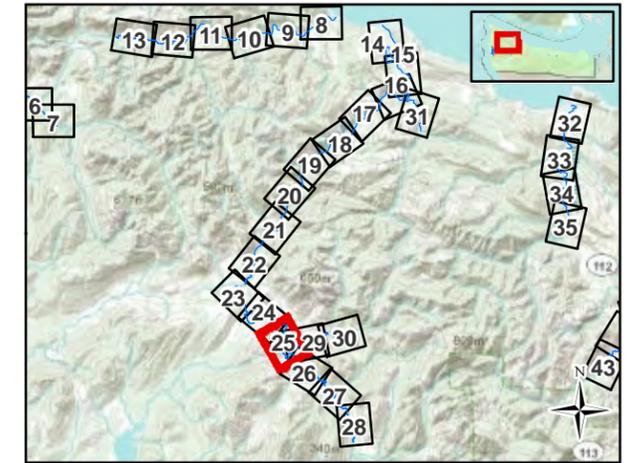
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Channel Migration Assessment
*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Hoko River **Map 24**

Source File: \\red\projects\0\0504064\GIS\MXD\Clallam_Template_final_Aerial: ADN 12/27/2011



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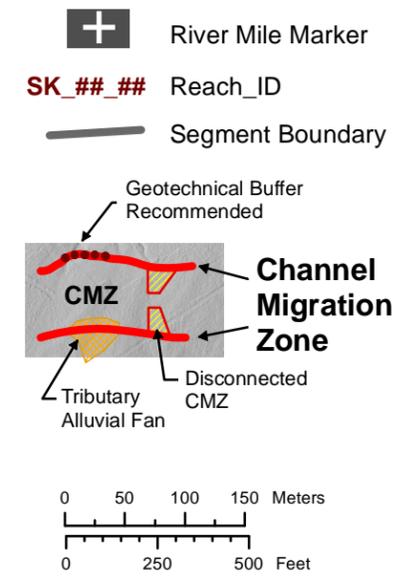
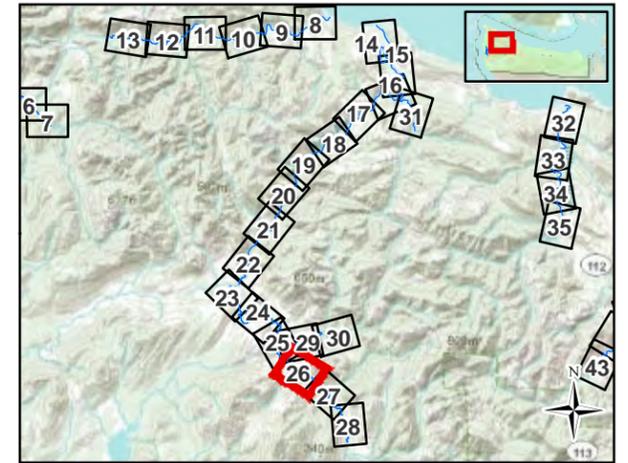
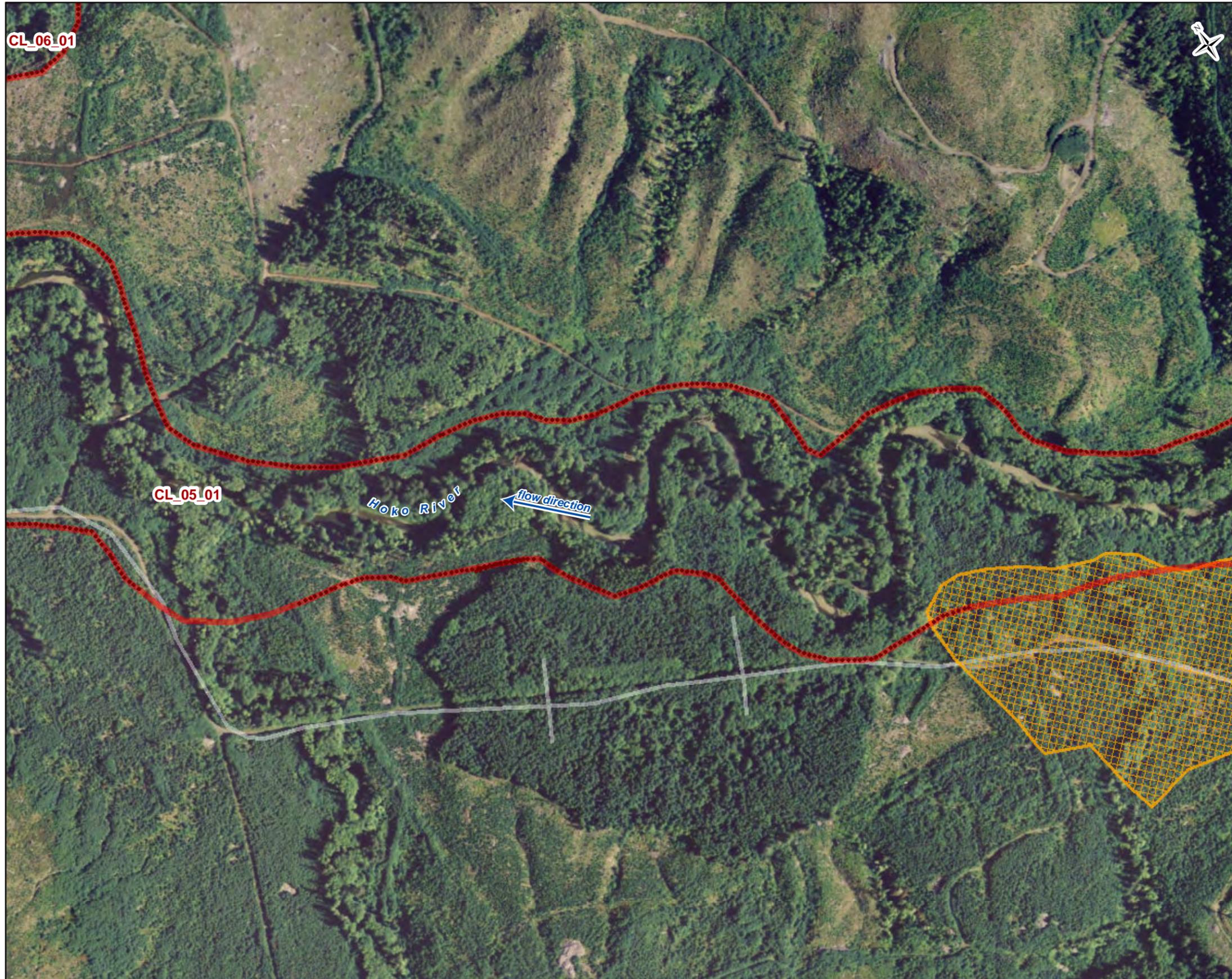


Channel Migration Assessment

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

Hoko River

Map 25



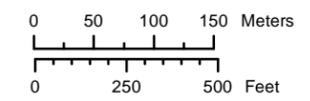
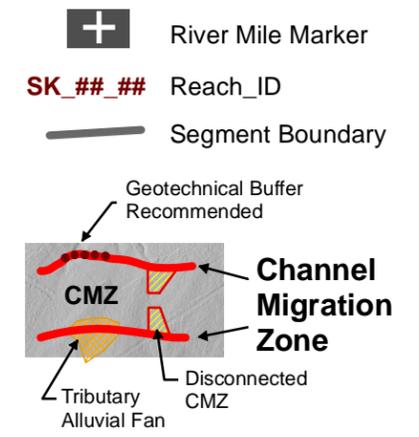
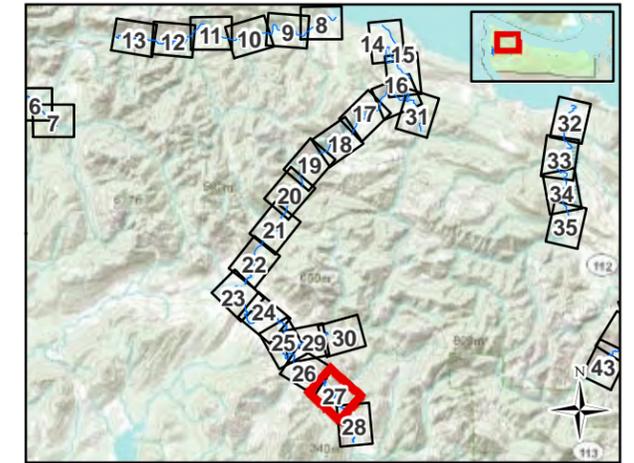
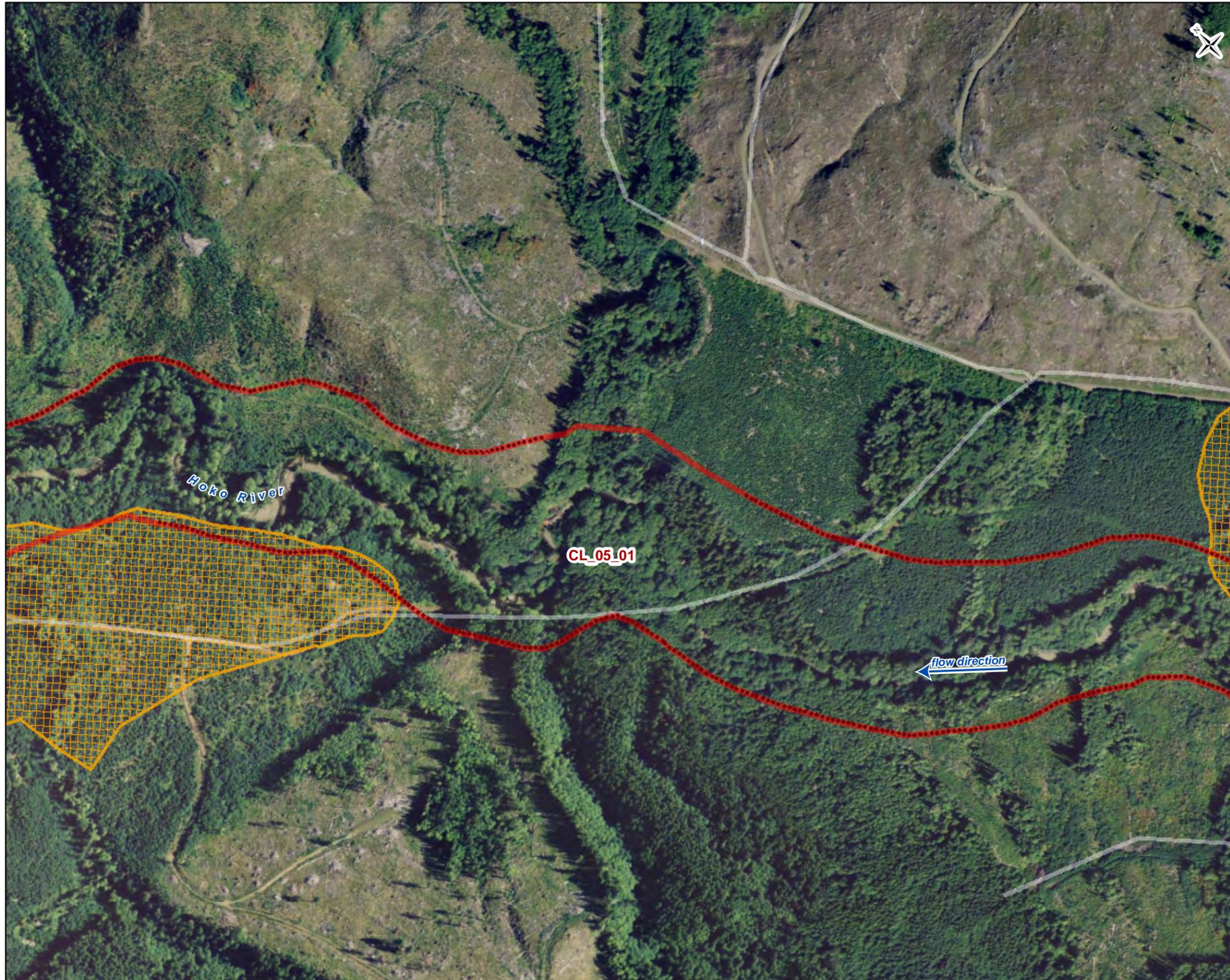
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Channel Migration Assessment
*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Hoko River **Map 26**



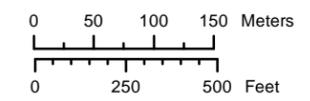
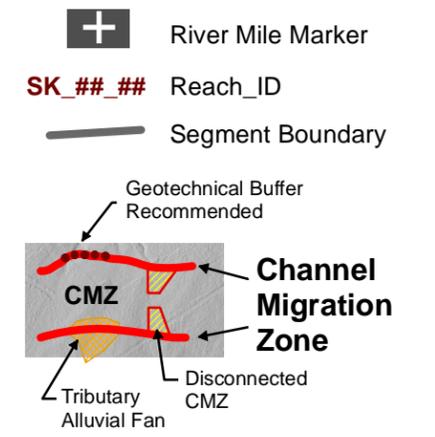
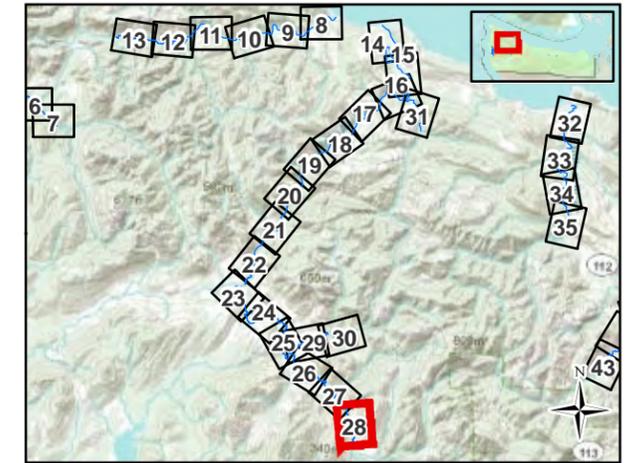
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Channel Migration Assessment
*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Hoko River **Map 27**



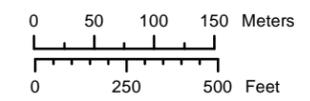
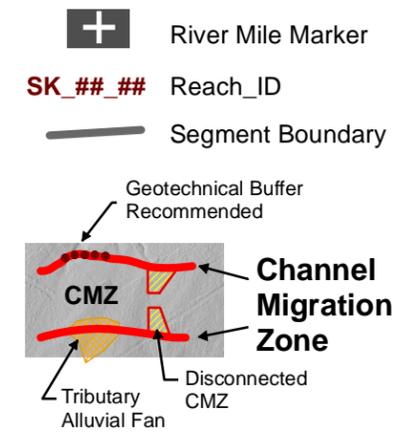
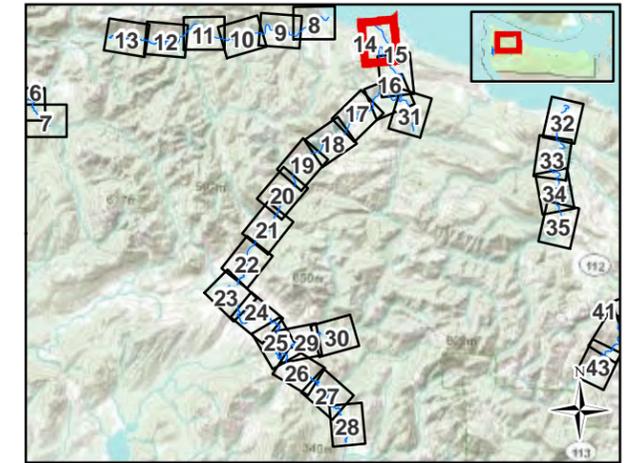
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Channel Migration Assessment
*Prepared for the Shoreline Master Program Update
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Hoko River **Map 28**



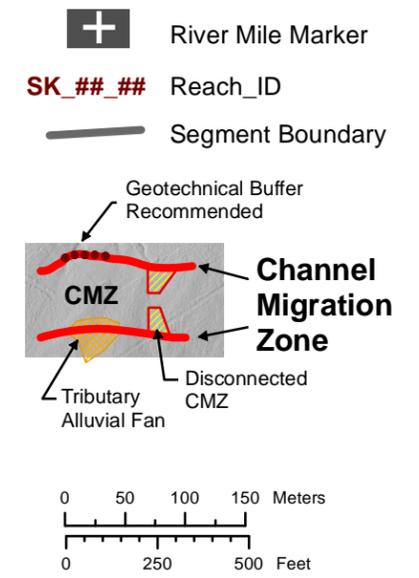
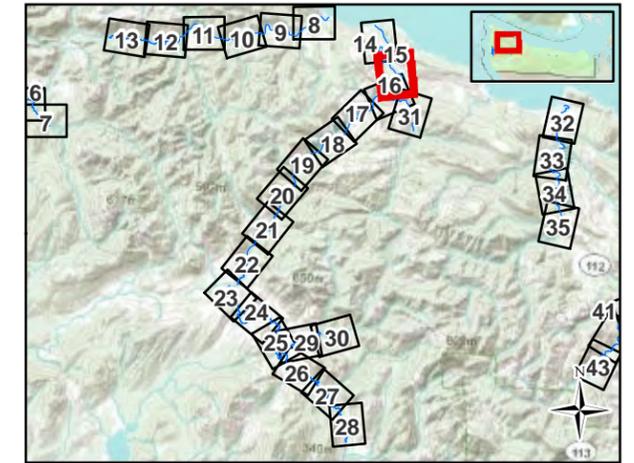
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Channel Migration Assessment
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Hoko River **Map 14**



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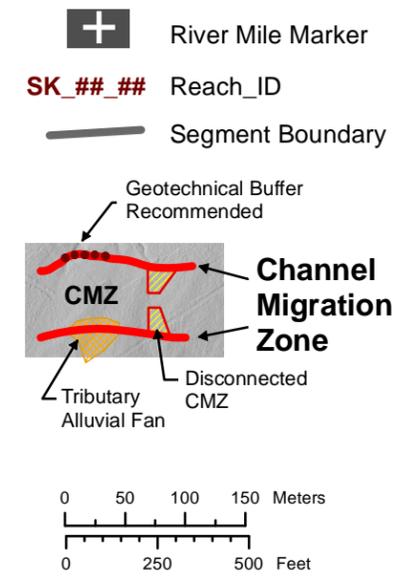
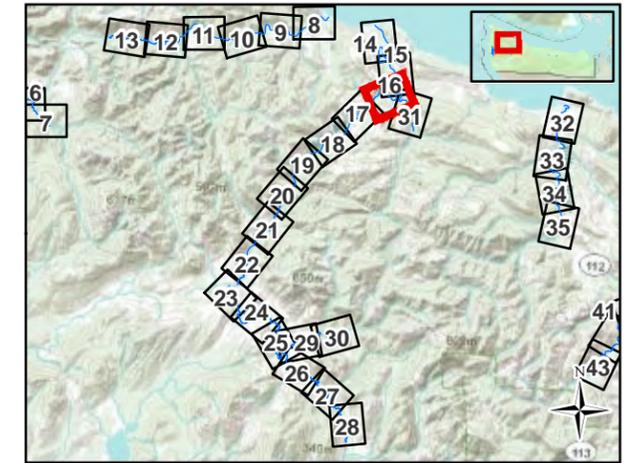
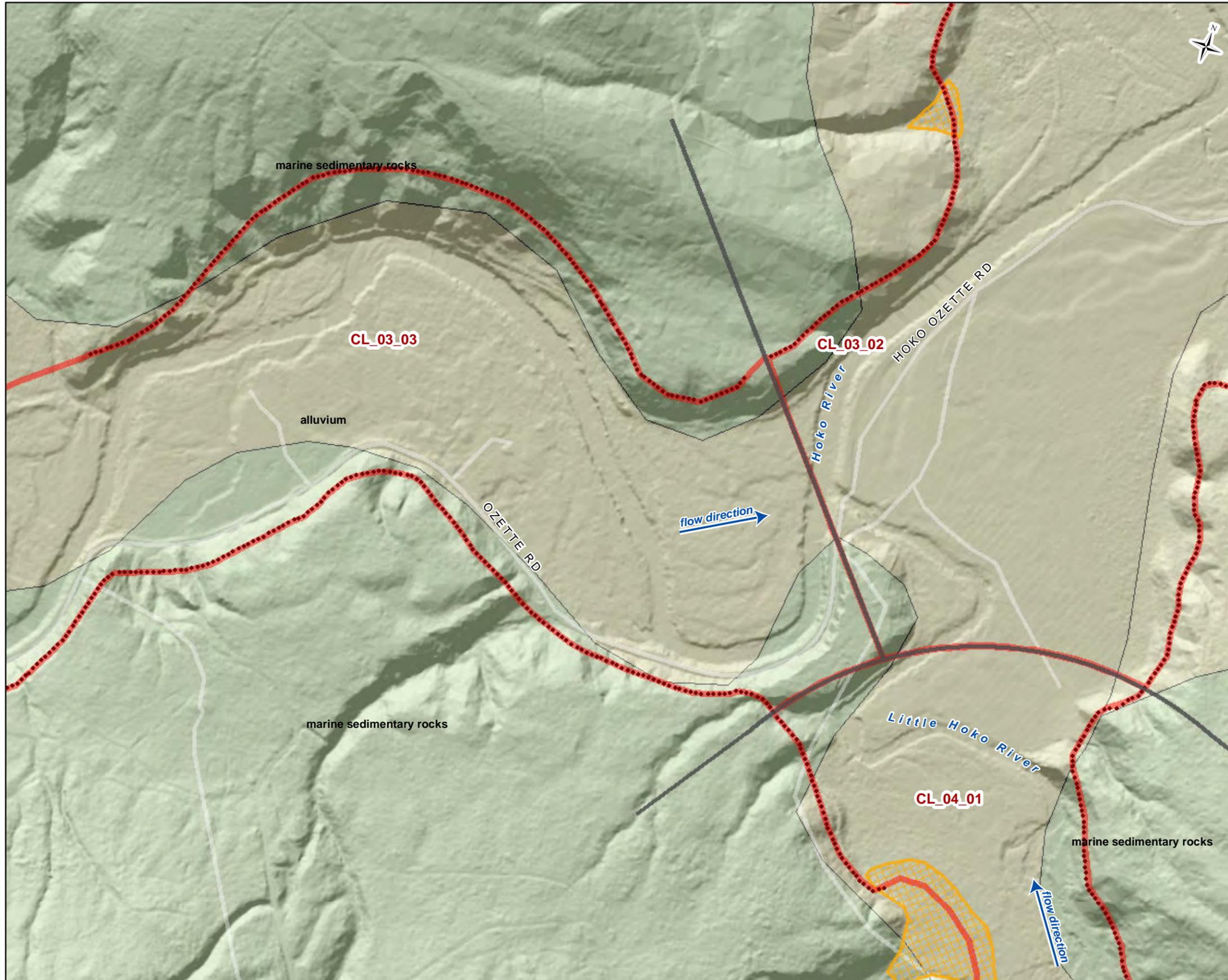


Channel Migration Assessment

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Hoko River

Map 15



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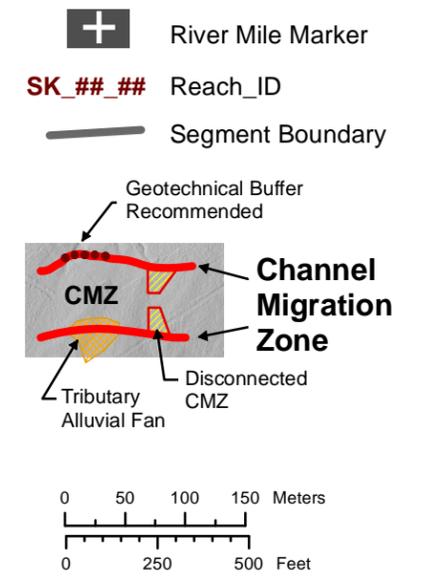
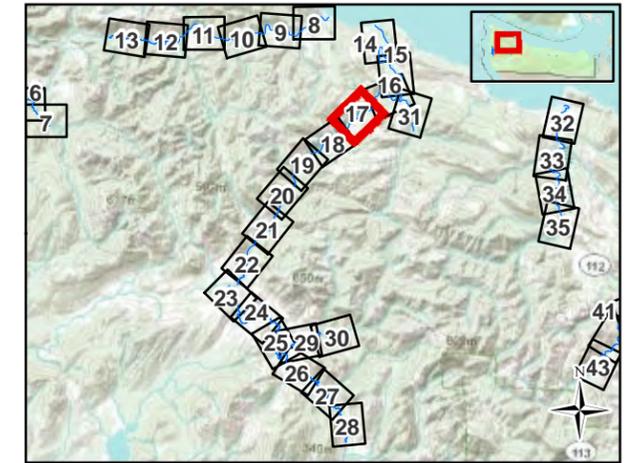
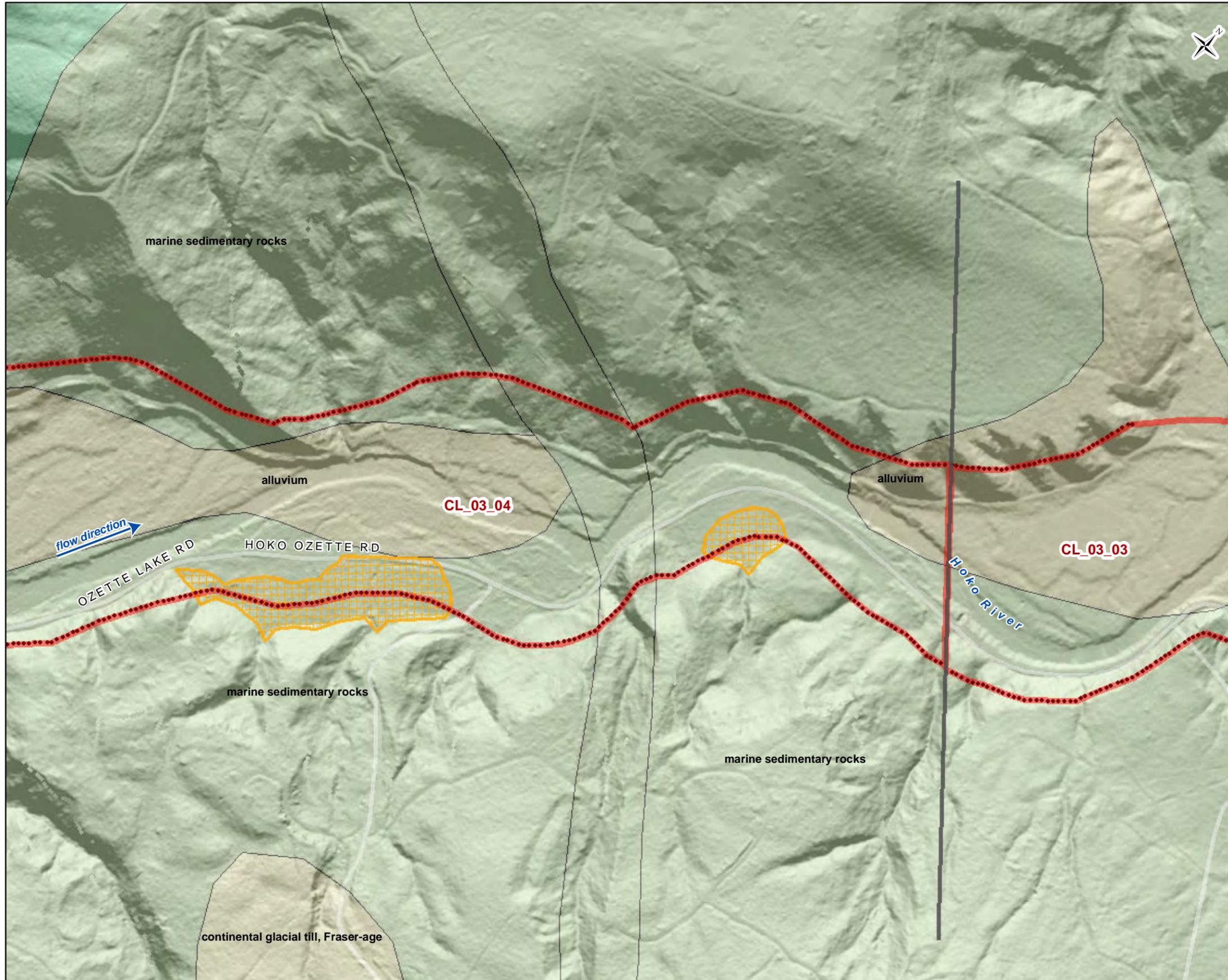


Channel Migration Assessment

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Hoko River

Map 16



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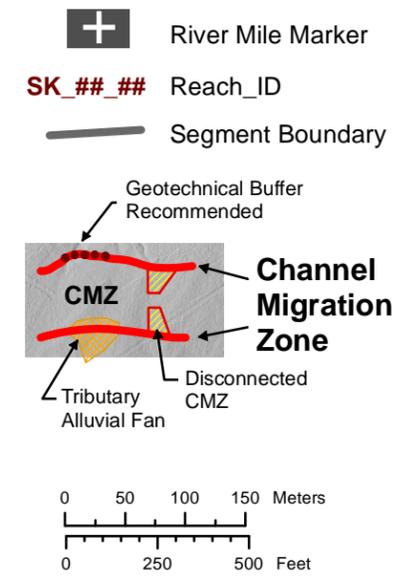
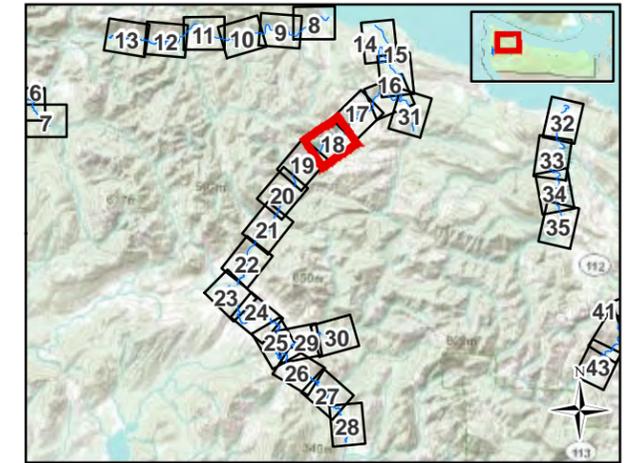


Channel Migration Assessment

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Hoko River

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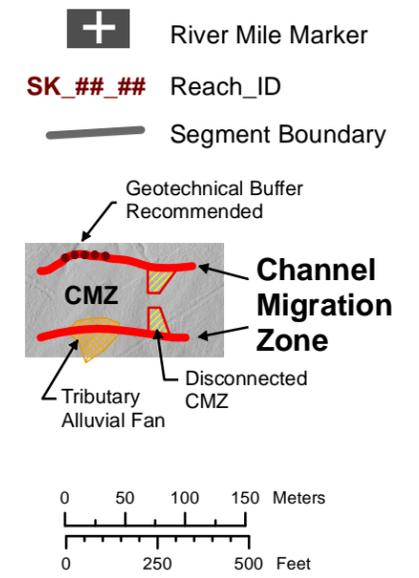
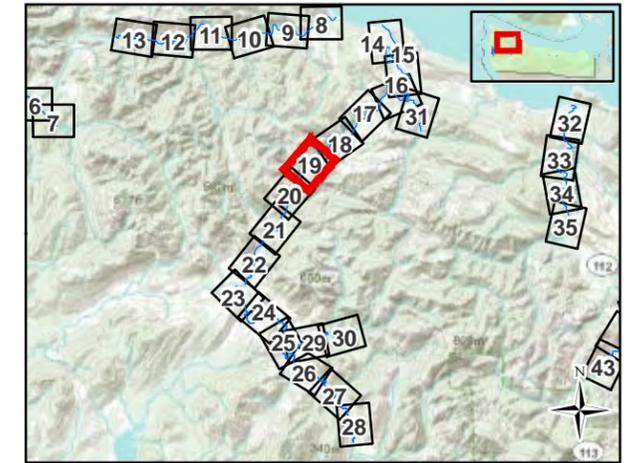
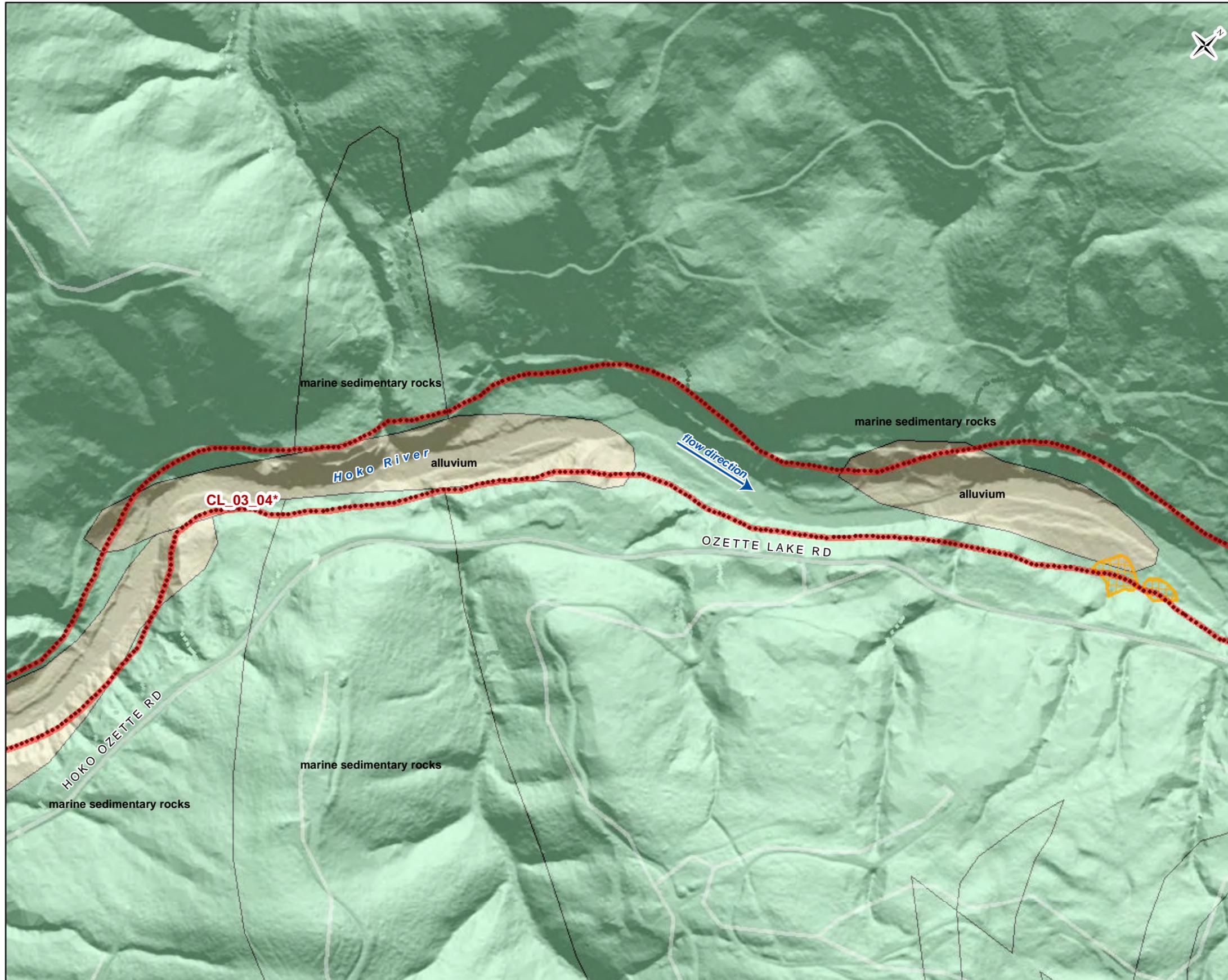


Channel Migration Assessment

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

Hoko River

Map 18



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
 2006 and 2009 aeriols from ESRI World Imagery
 WA State Dept of Nat. Resources 1:100,000 Geology
 River miles calculated from NHD stream alignment (USGS)
 Roads from TIGER (US Census Bureau)
 Coordinate System: State Plane Washington North

Analyzed by: Andrew Nelson (GeoEngineers)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)

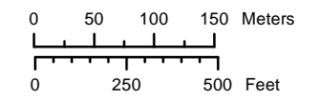
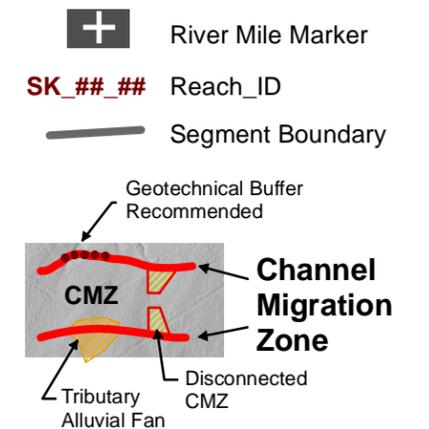
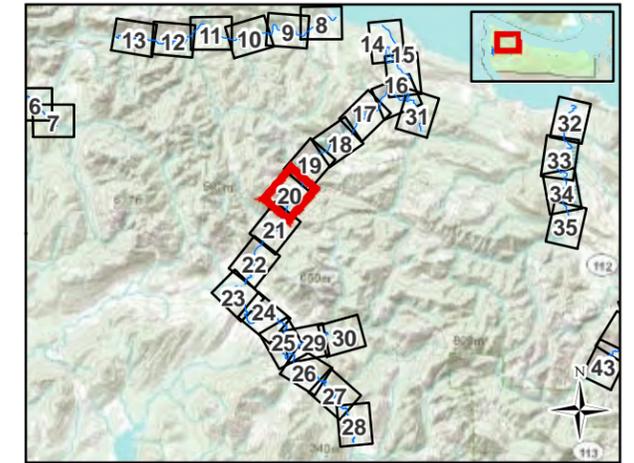


Channel Migration Assessment

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

Hoko River

Map 19



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
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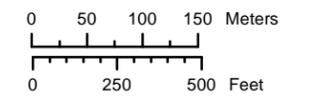
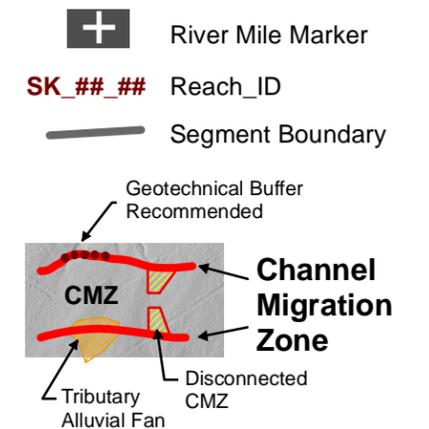
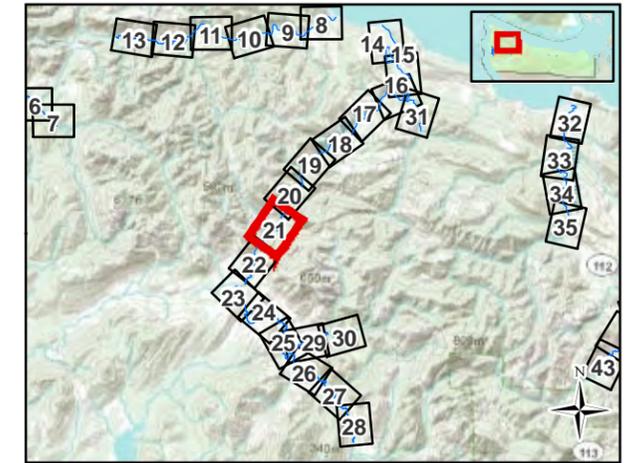
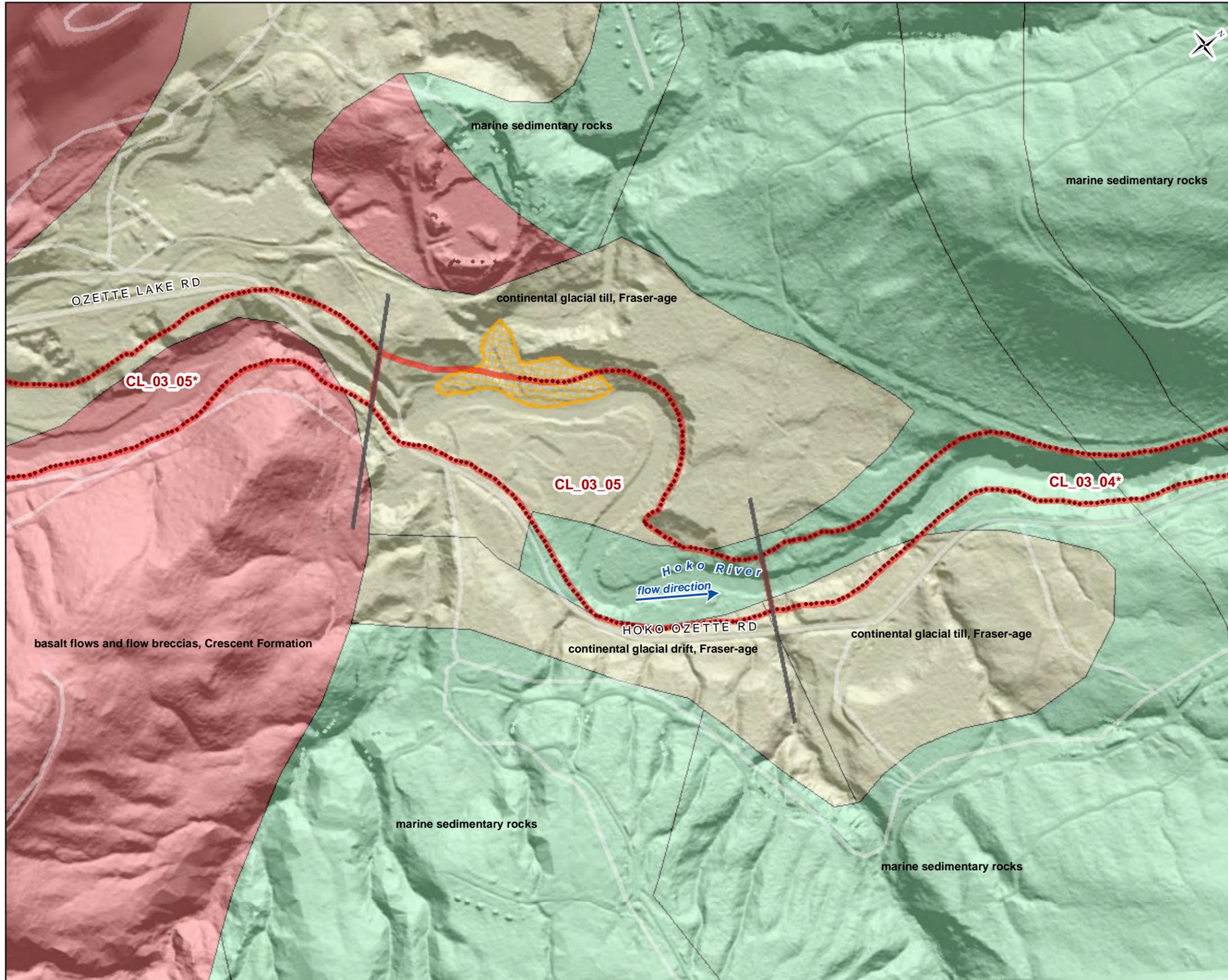


Channel Migration Assessment

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

Hoko River

Map 20



2004 LIDAR topography (Puget Sound LIDAR Consortium).
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 2006 and 2009 aerials from ESRI World Imagery
 WA State Dept of Nat. Resources 1:100,000 Geology
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 Roads from TIGER (US Census Bureau)
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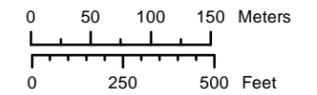
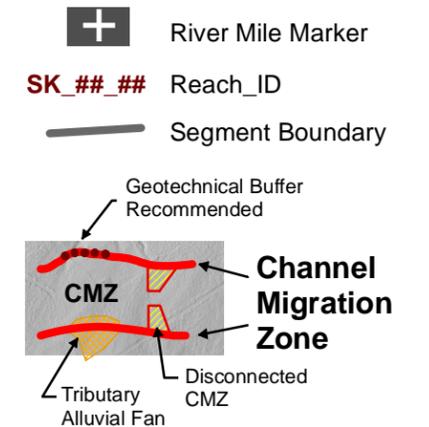
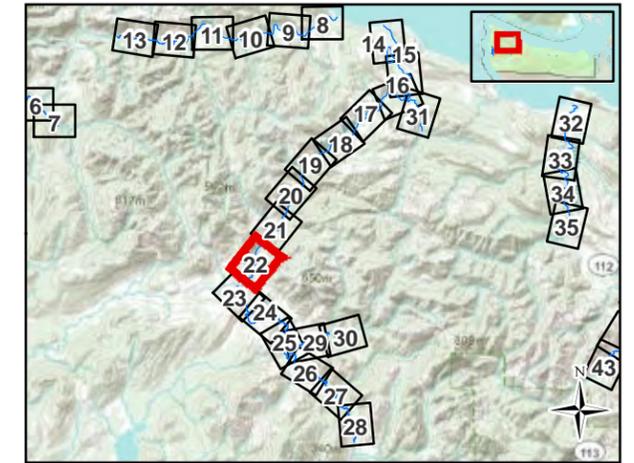
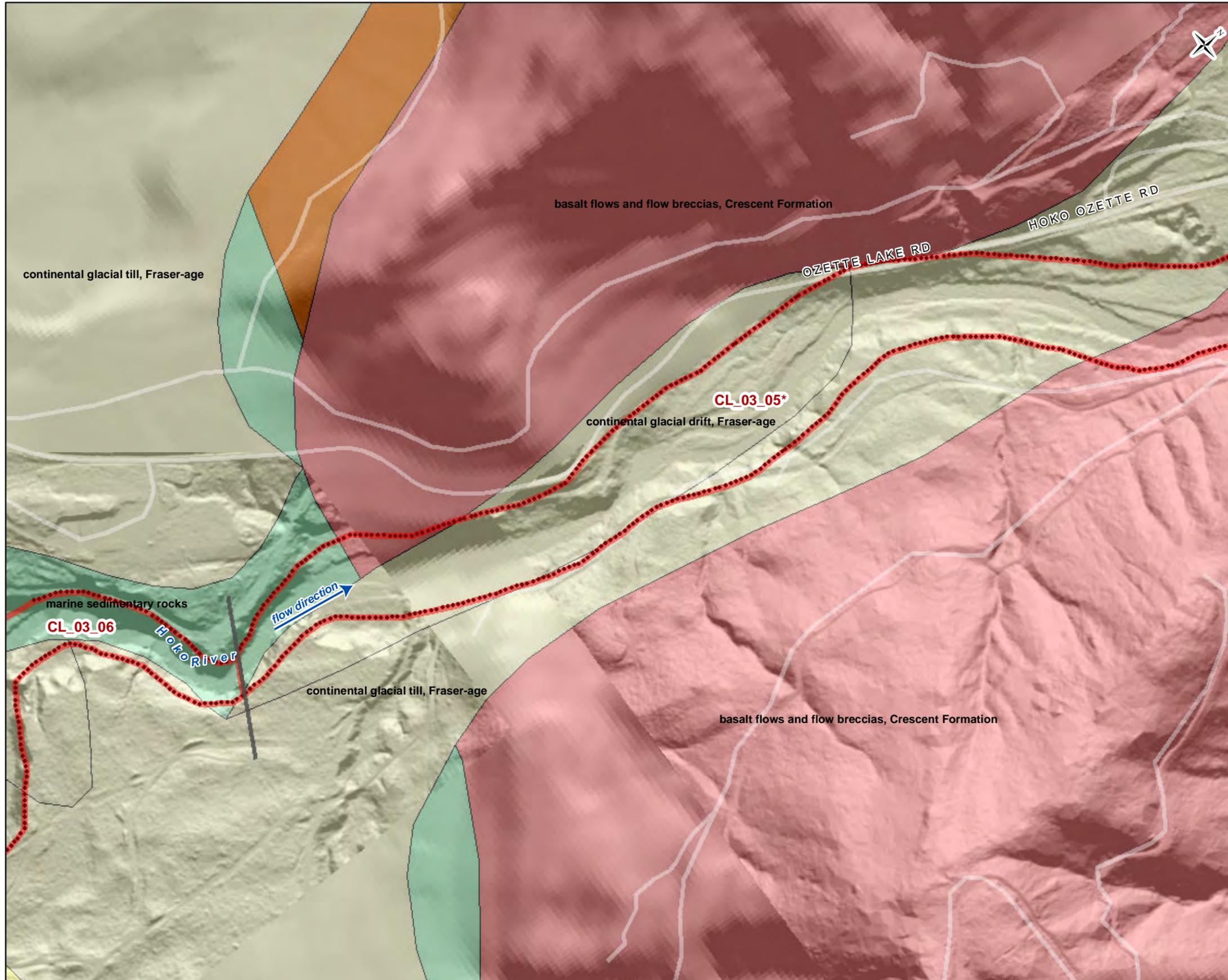


Channel Migration Assessment

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

Hoko River

Map 21



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
 2006 and 2009 aerials from ESRI World Imagery
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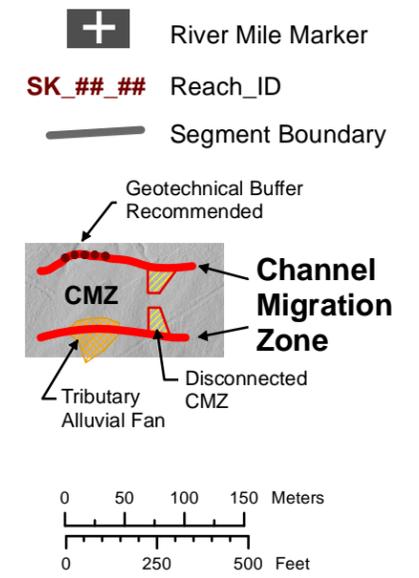
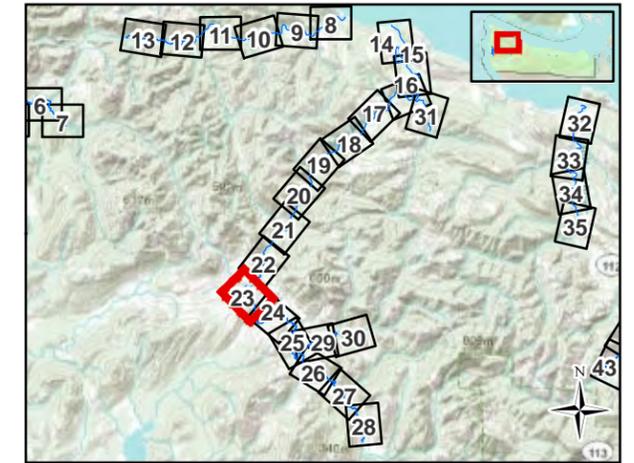
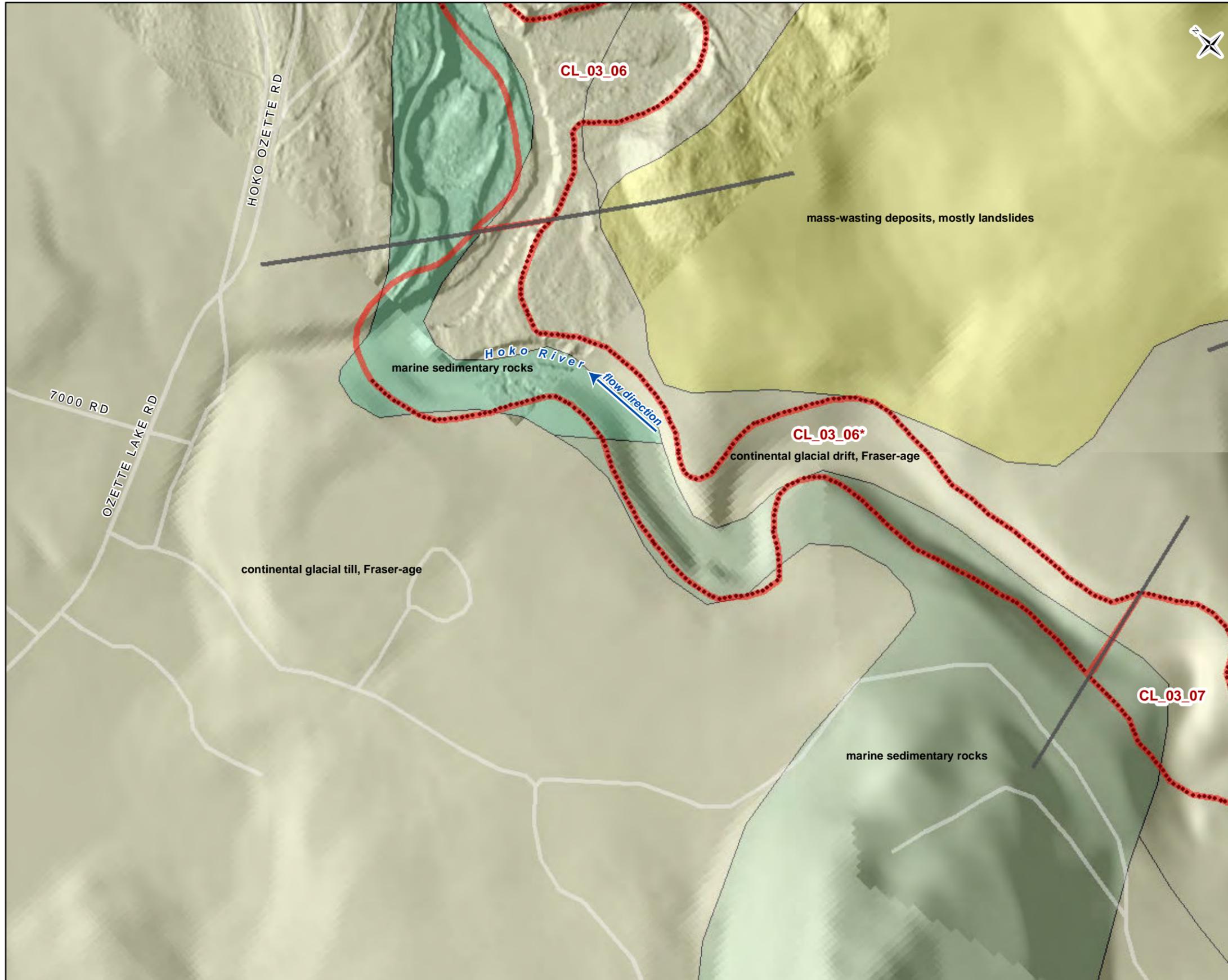


Channel Migration Assessment

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 Clallam County, Washington*

Hoko River

Map 22



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
 2006 and 2009 aeriels from ESRI World Imagery
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 River miles calculated from NHD stream alignment (USGS)
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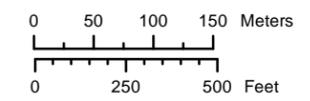
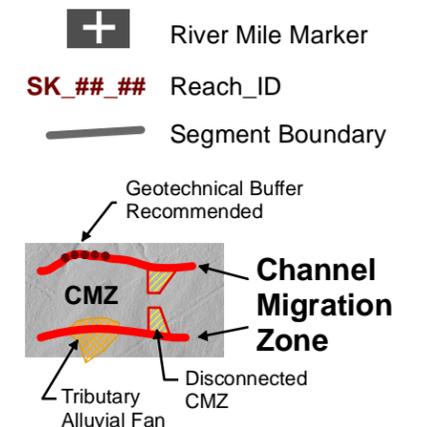
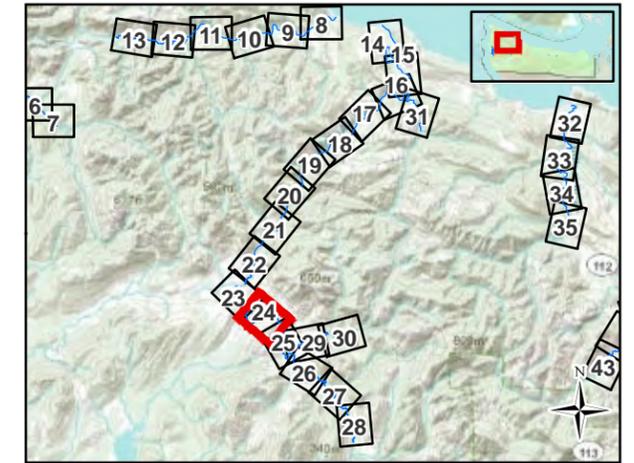
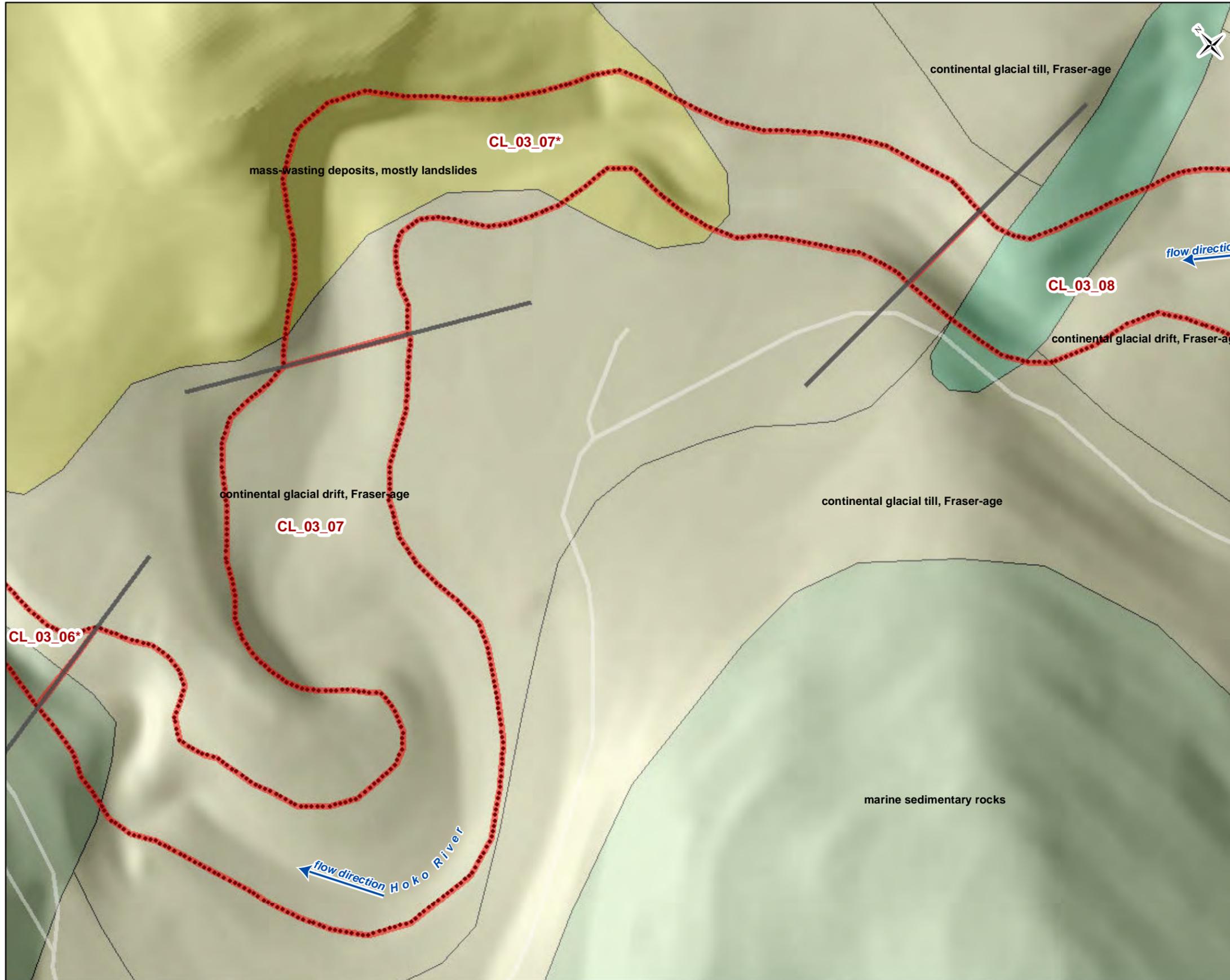


Channel Migration Assessment

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 Clallam County, Washington*

Hoko River

Map 23



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
 2006 and 2009 aerials from ESRI World Imagery
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 River miles calculated from NHD stream alignment (USGS)
 Roads from TIGER (US Census Bureau)
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Analyzed by: Andrew Nelson (GeoEngineers)
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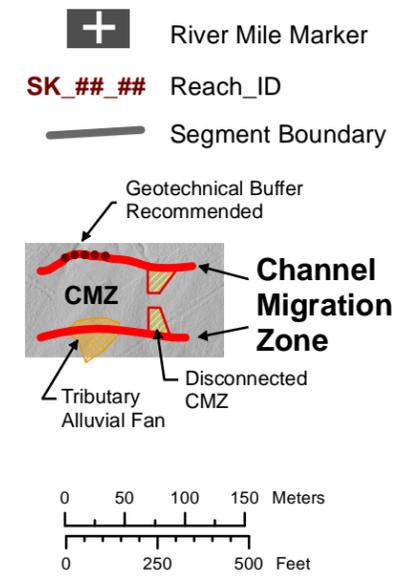
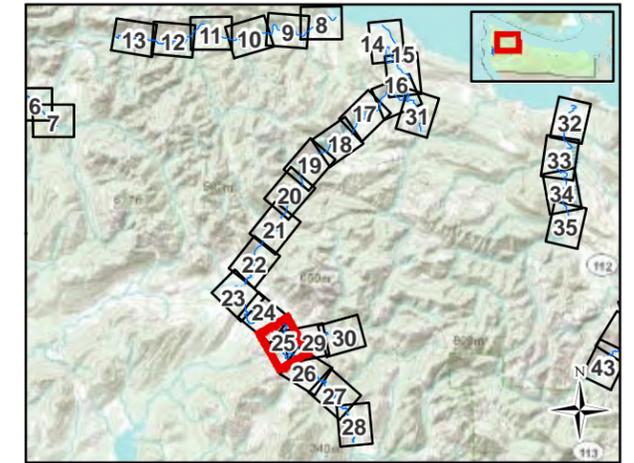


Channel Migration Assessment

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 Clallam County, Washington

Hoko River

Map 24



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
 2006 and 2009 aeriels from ESRI World Imagery
 WA State Dept of Nat. Resources 1:100,000 Geology
 River miles calculated from NHD stream alignment (USGS)
 Roads from TIGER (US Census Bureau)
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Analyzed by: Andrew Nelson (GeoEngineers)
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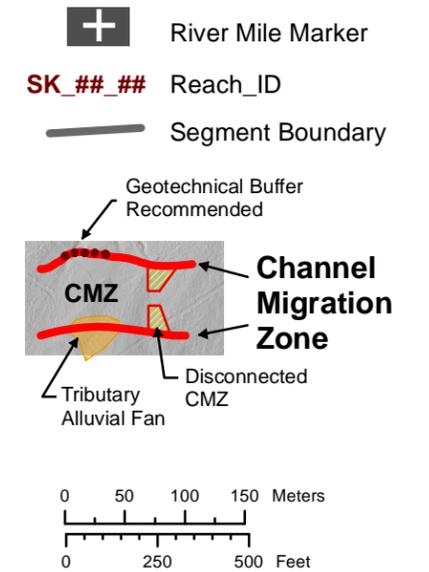
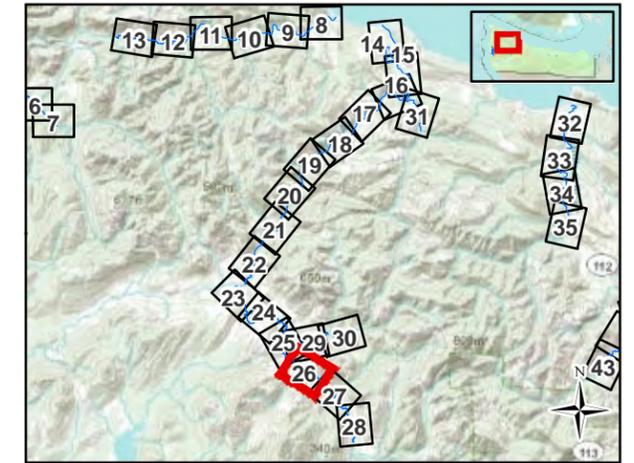


Channel Migration Assessment

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 Clallam County, Washington*

Hoko River

Map 25



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
 2006 and 2009 aeriels from ESRI World Imagery
 WA State Dept of Nat. Resources 1:100,000 Geology
 River miles calculated from NHD stream alignment (USGS)
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Analyzed by: Andrew Nelson (GeoEngineers)
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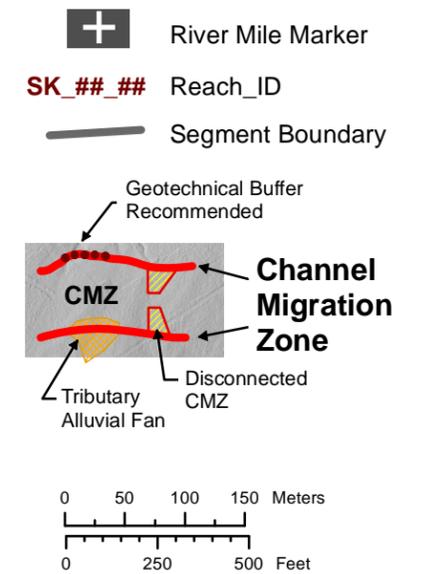
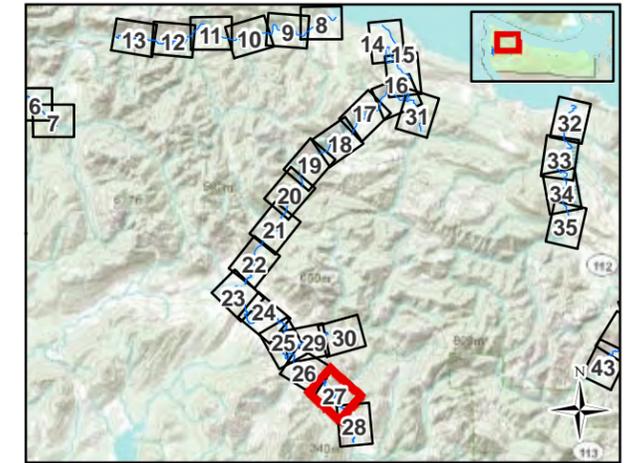
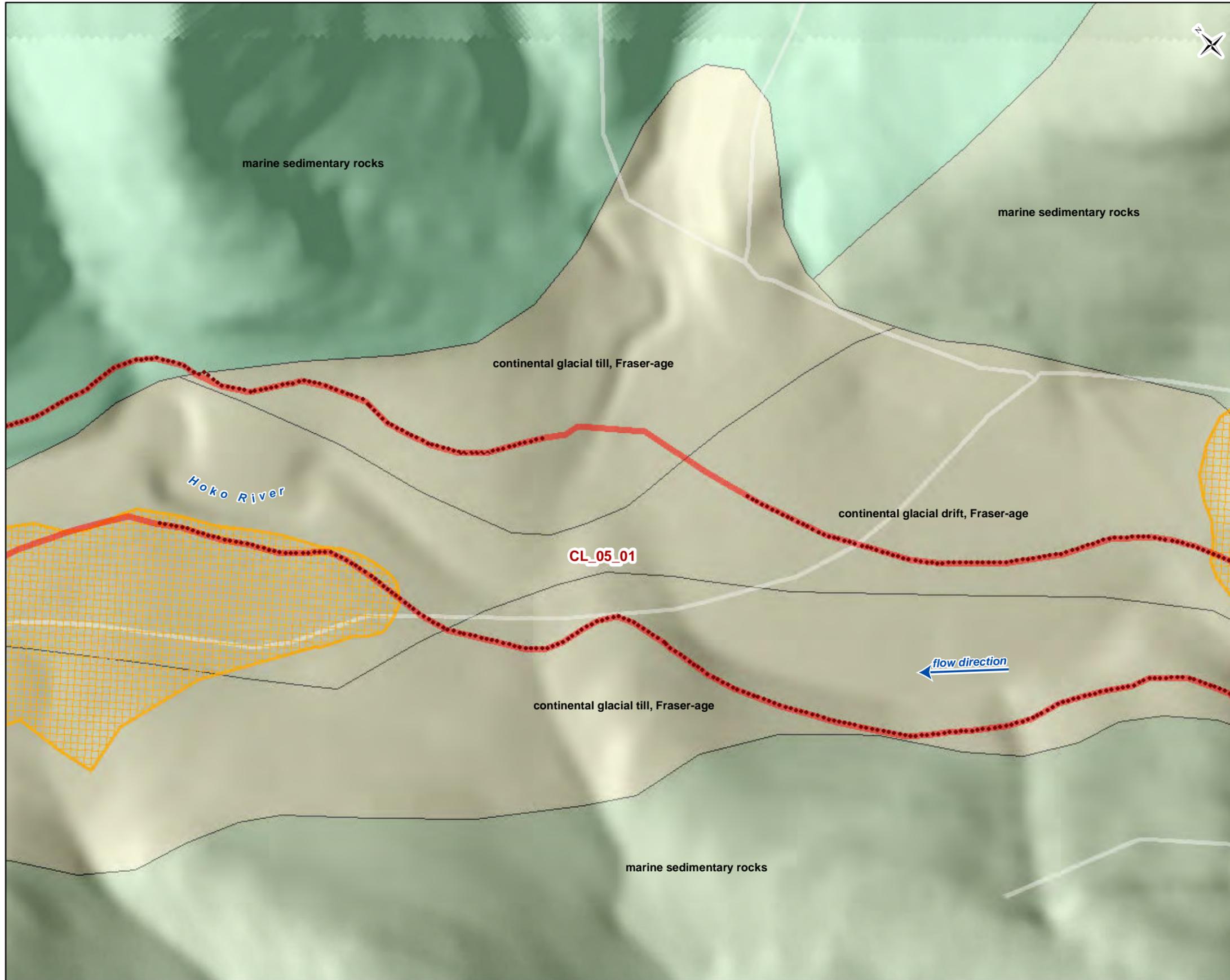


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 Clallam County, Washington*

Hoko River

Map 26



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
 2006 and 2009 aeriols from ESRI World Imagery
 WA State Dept of Nat. Resources 1:100,000 Geology
 River miles calculated from NHD stream alignment (USGS)
 Roads from TIGER (US Census Bureau)
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Analyzed by: Andrew Nelson (GeoEngineers)
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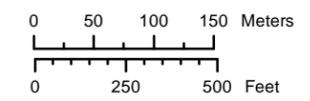
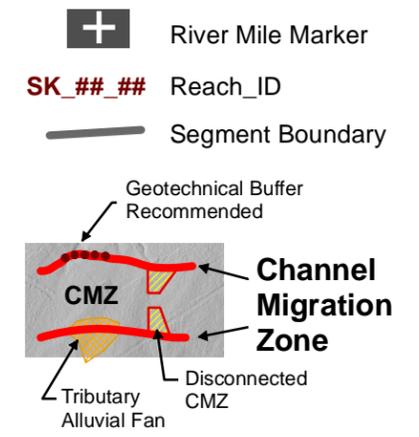
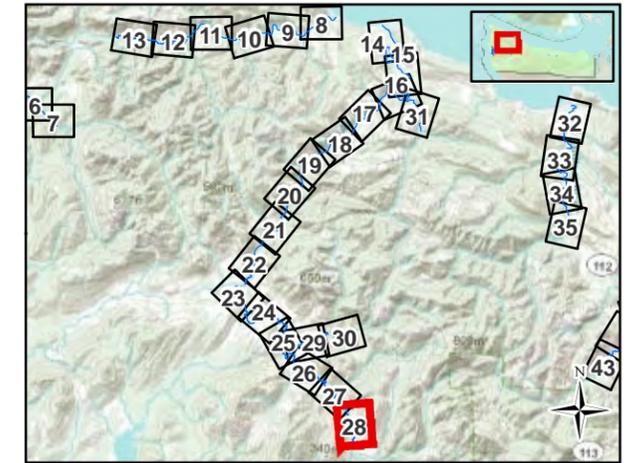


Channel Migration Assessment

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

Hoko River

Map 27



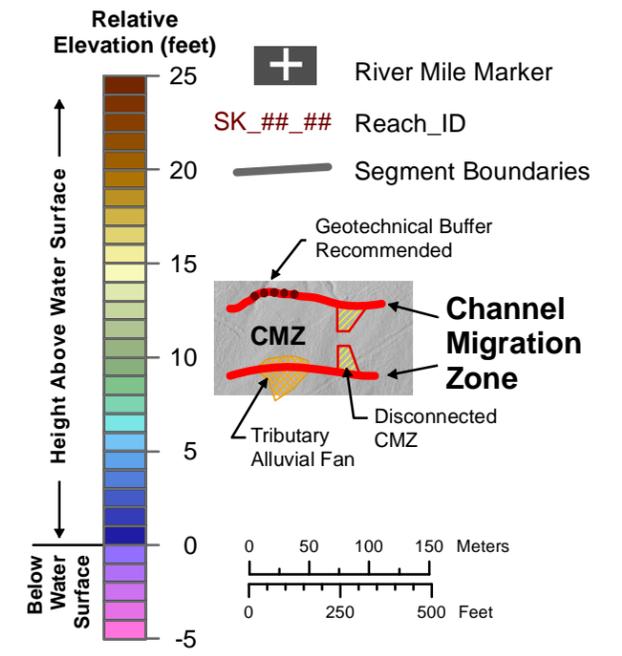
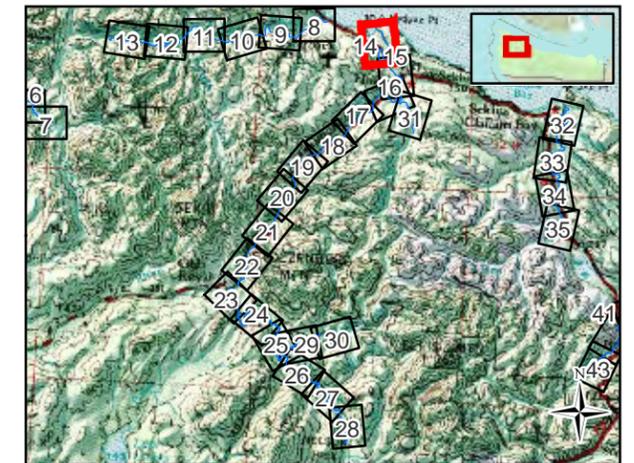
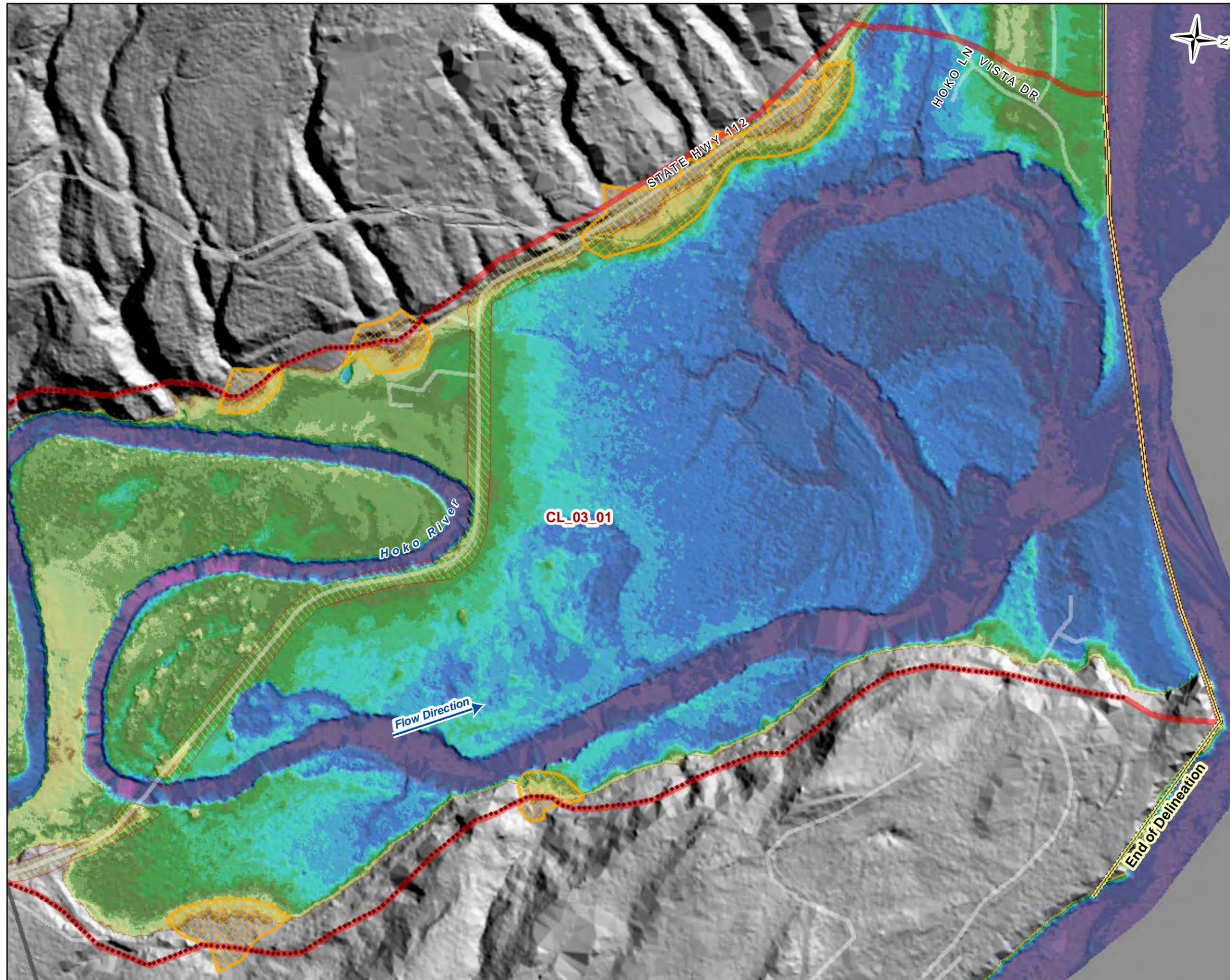
2004 LIDAR topography (Puget Sound LIDAR Consortium).
 10 m USGS Hillshade
 2006 and 2009 aerials from ESRI World Imagery
 WA State Dept of Nat. Resources 1:100,000 Geology
 River miles calculated from NHD stream alignment (USGS)
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Channel Migration Assessment
*Prepared for the Shoreline Master Program Update
 Clallam County, Washington*

Hoko River **Map 28**



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 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)

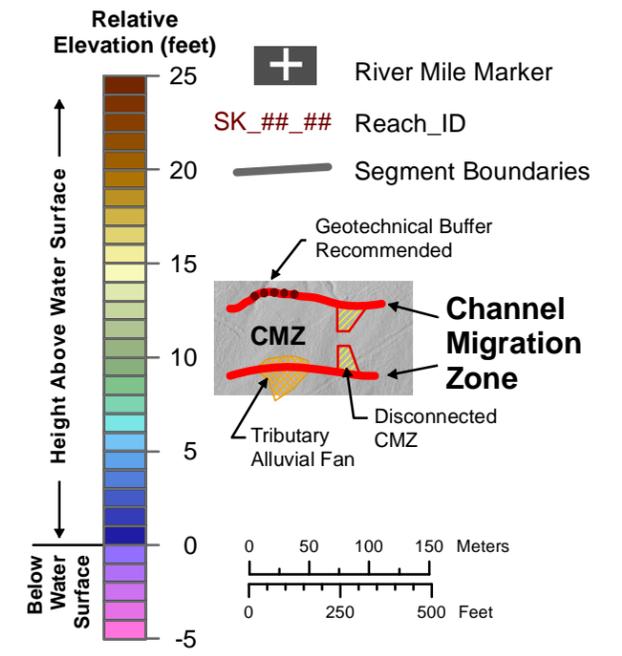
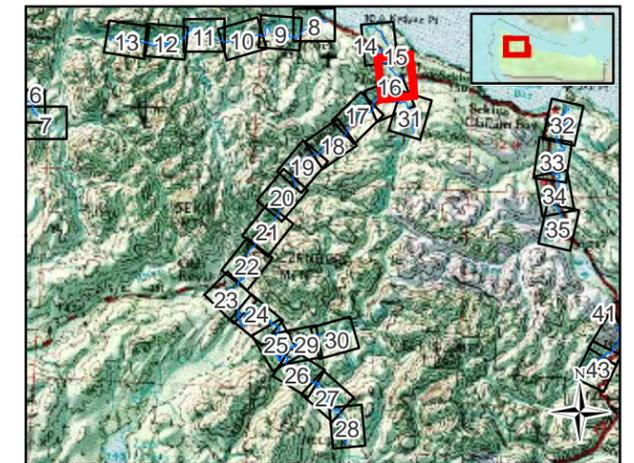
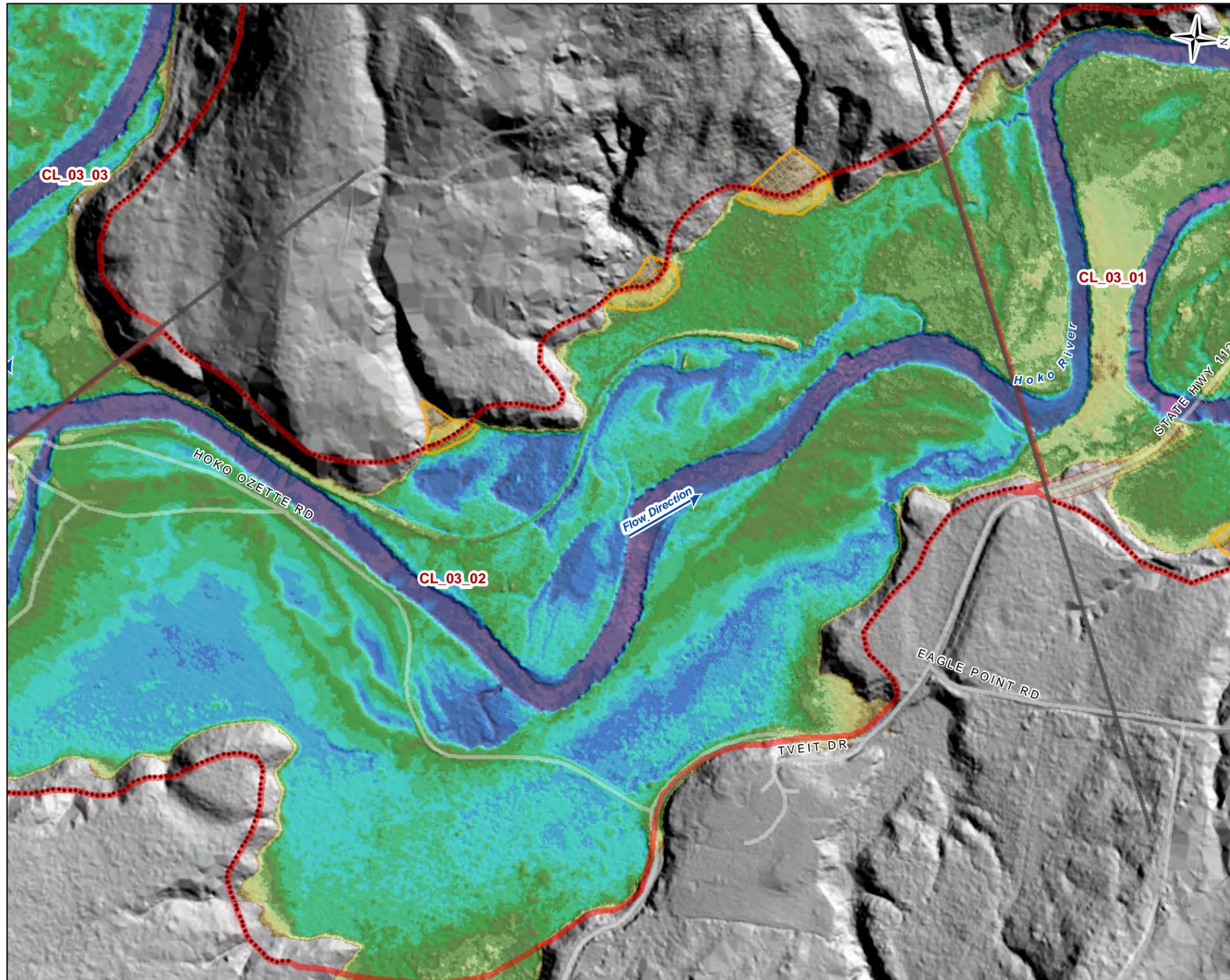
Analyzed by: Andrew Nelson (GeoEngineers)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)



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 Clallam County, Washington*

Hoko River **Map 14**

Source File: \\red\projects\0\0504064\GIS\MXD\Clallam_Template_final_RWSE: ADN 12/27/2011



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 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)

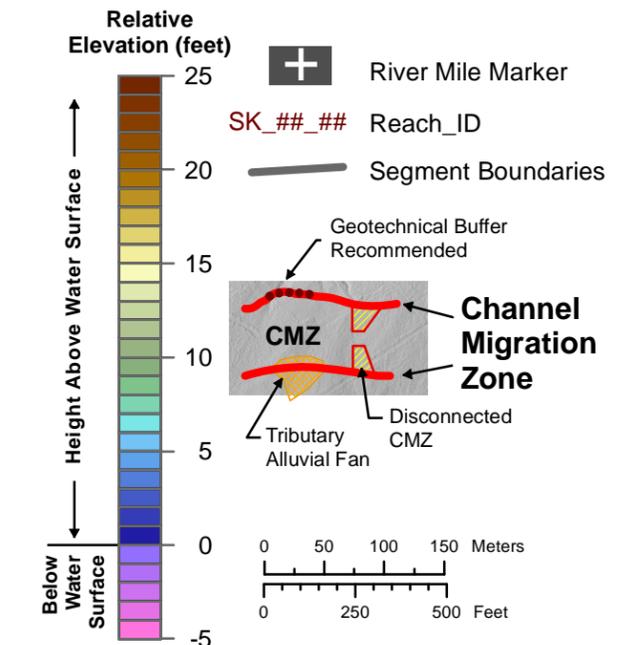
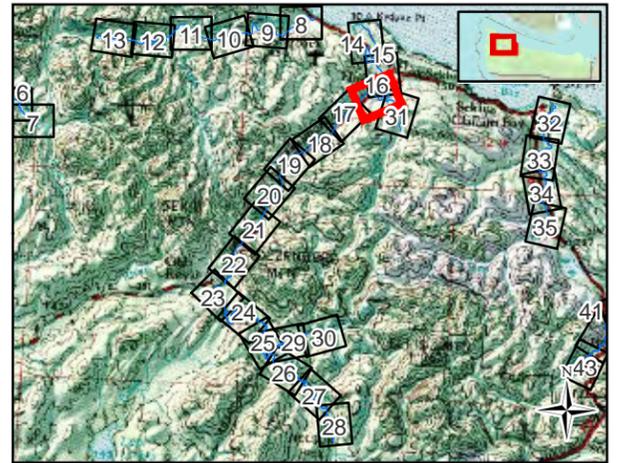
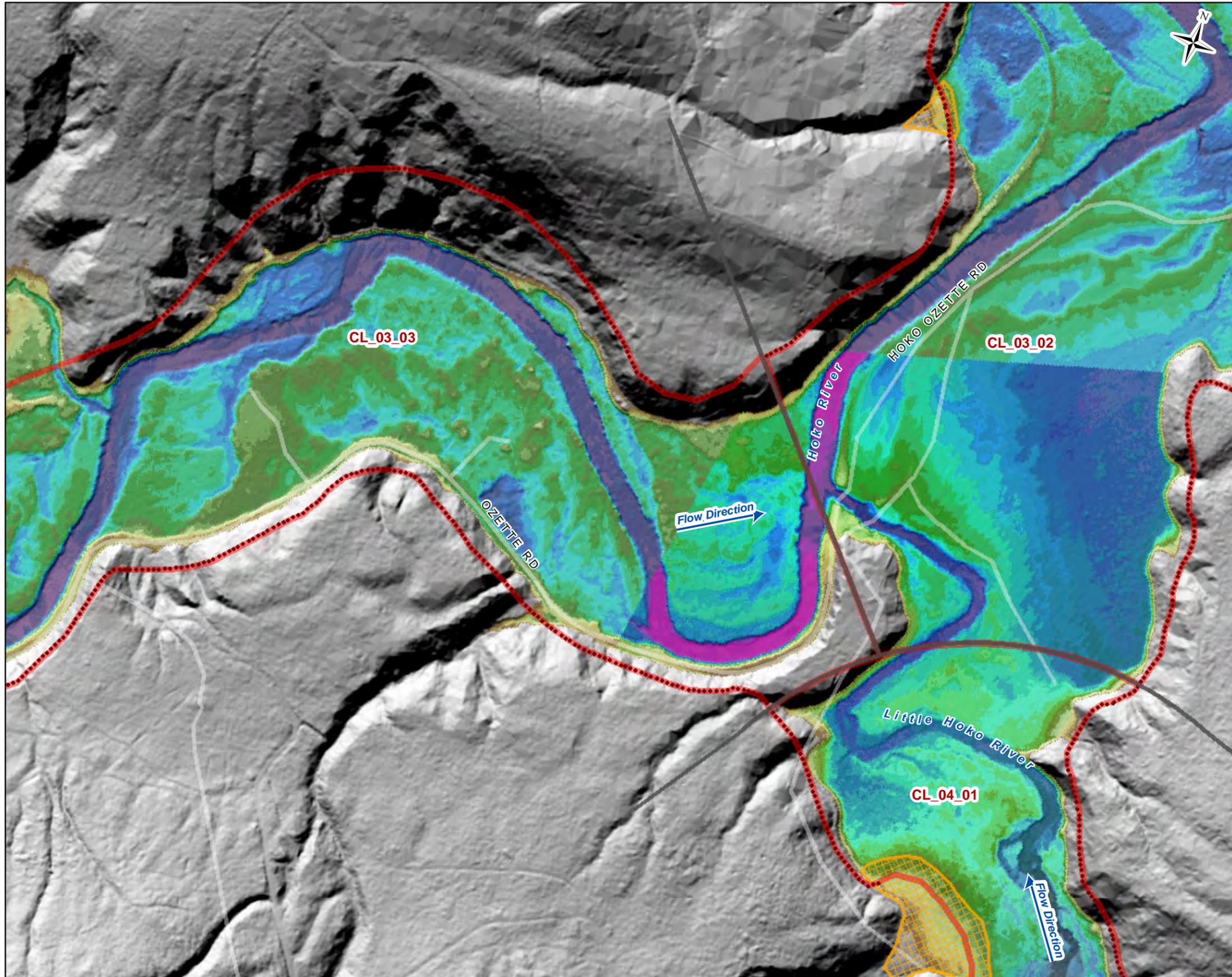
Analyzed by: Andrew Nelson (GeoEngineers)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)



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

Hoko River **Map 15**

Source File: \\red\projects\0\0504064\GIS\MXD\Clallam_Template_final_RWSE: ADN 12/27/2011



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 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)

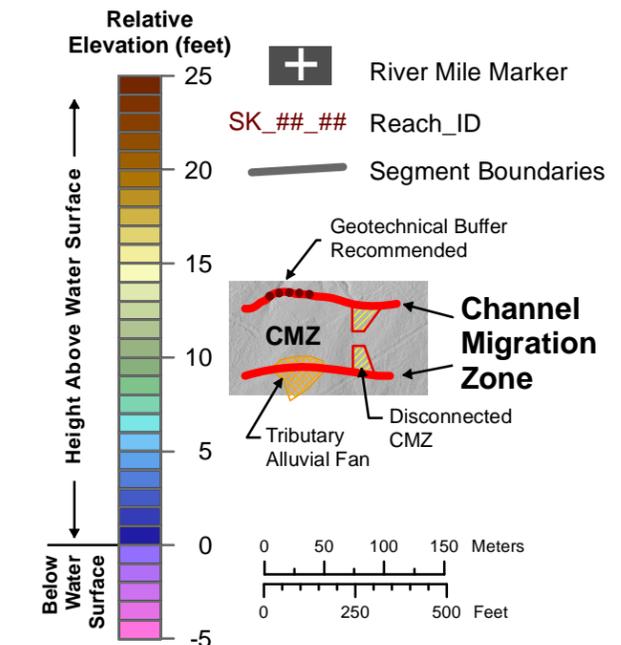
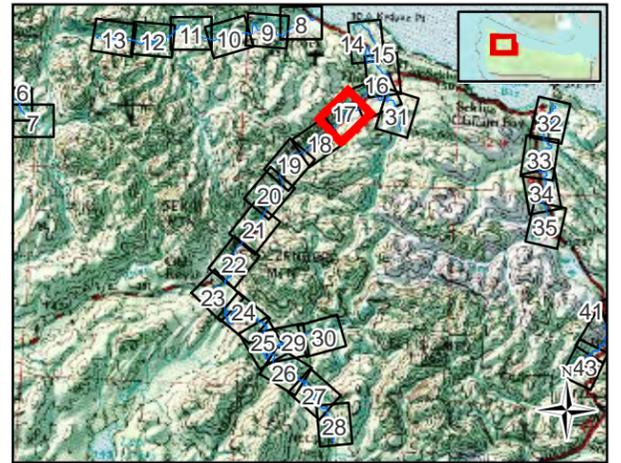
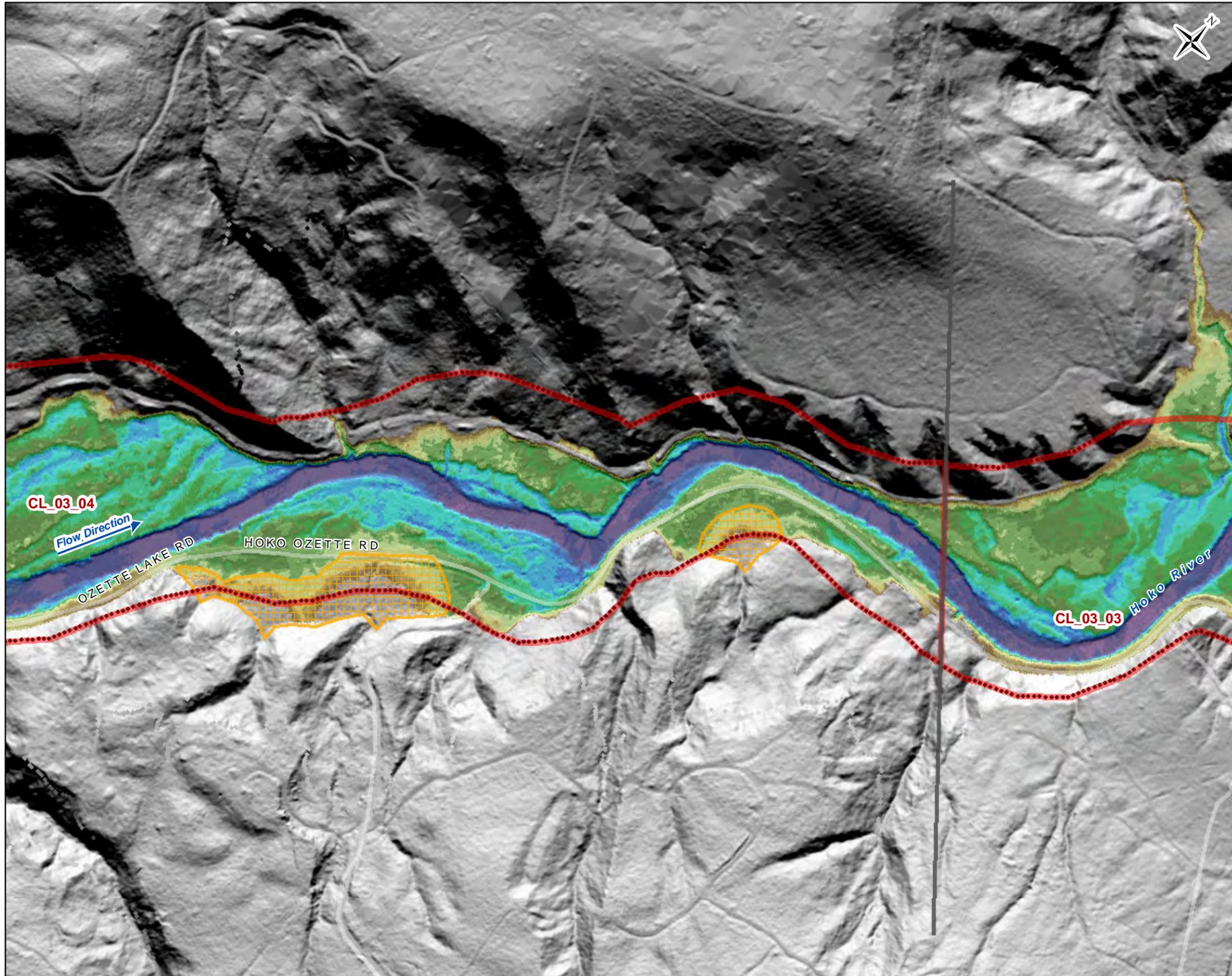
Analyzed by: Andrew Nelson (GeoEngineers)
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 Clallam County, Washington*

Hoko River **Map 16**

Source File: \\red\projects\0\0504064\GIS\MXD\Clallam_Template_final_RWSE: ADN 12/27/2011



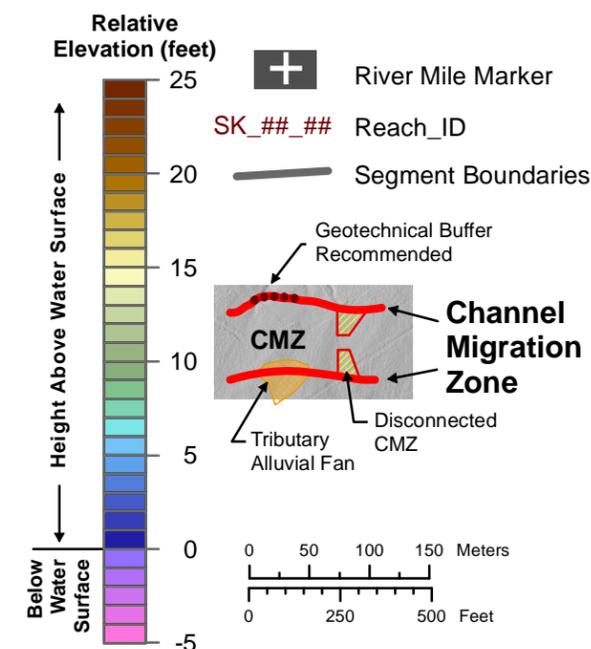
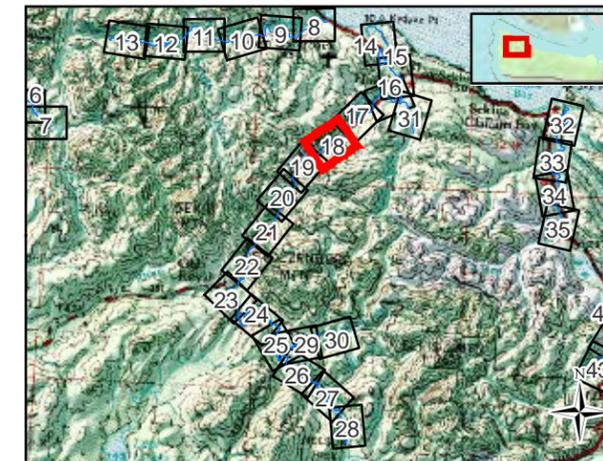
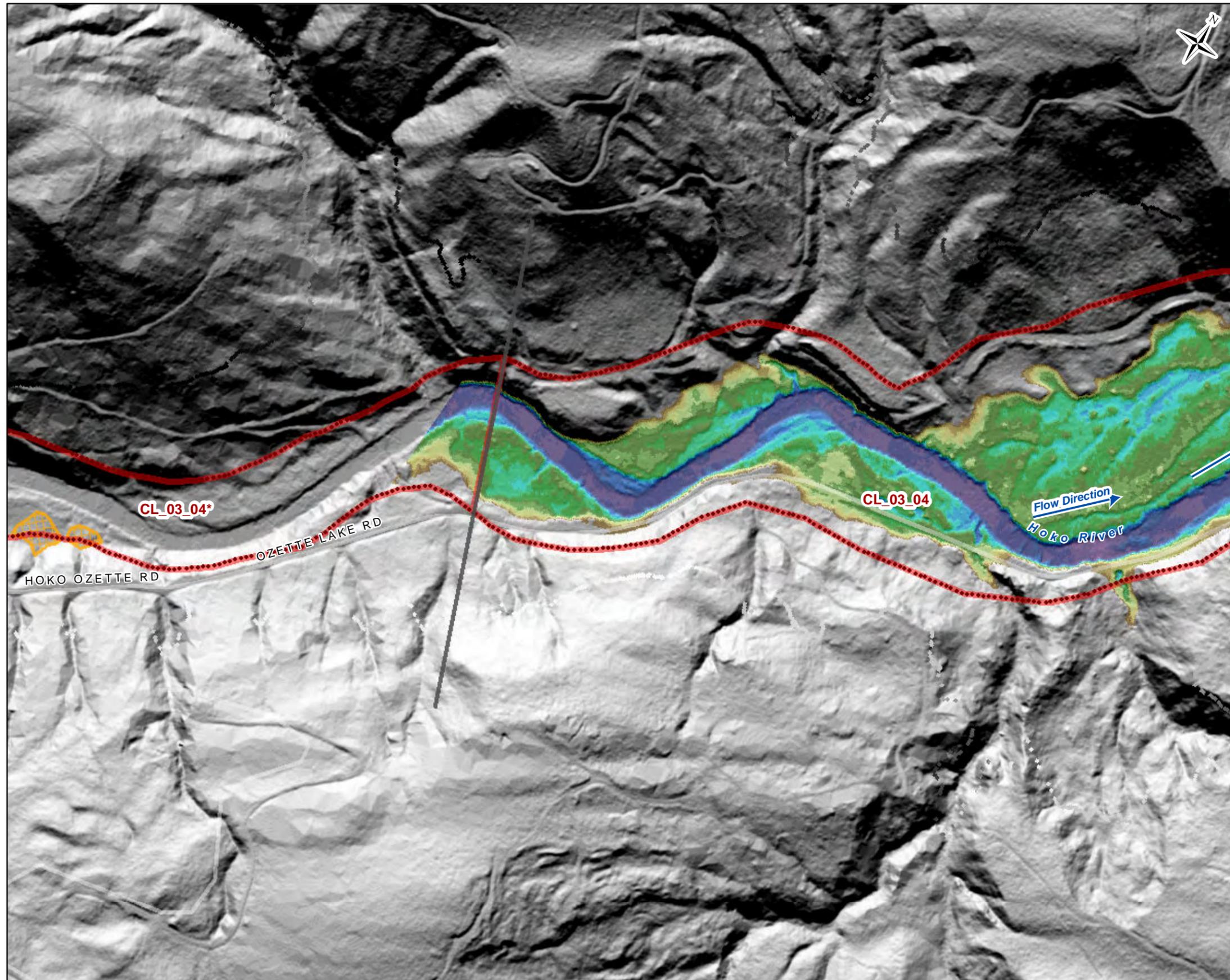
2004 LIDAR topography (Puget Sound LIDAR Consortium).
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
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Channel Migration Assessment
*Prepared for the Shoreline Master Program Update
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Hoko River **Map 17**



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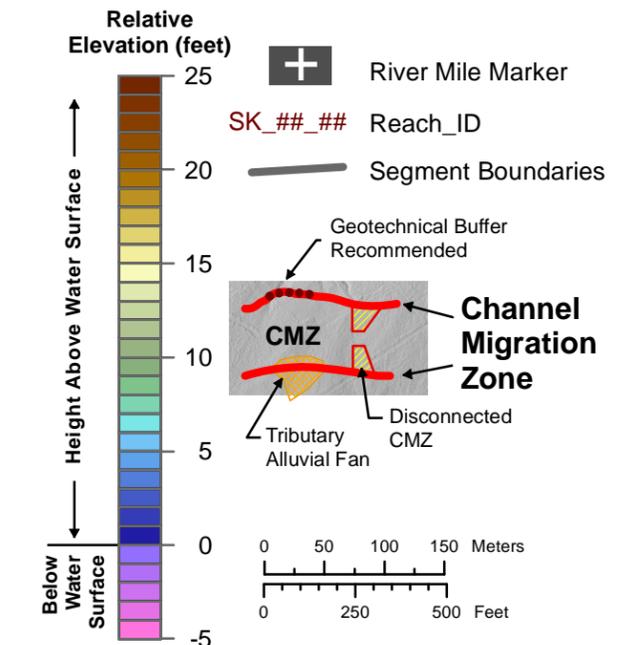
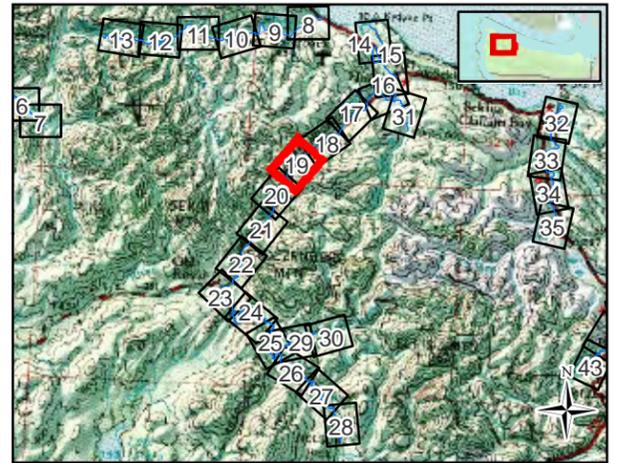
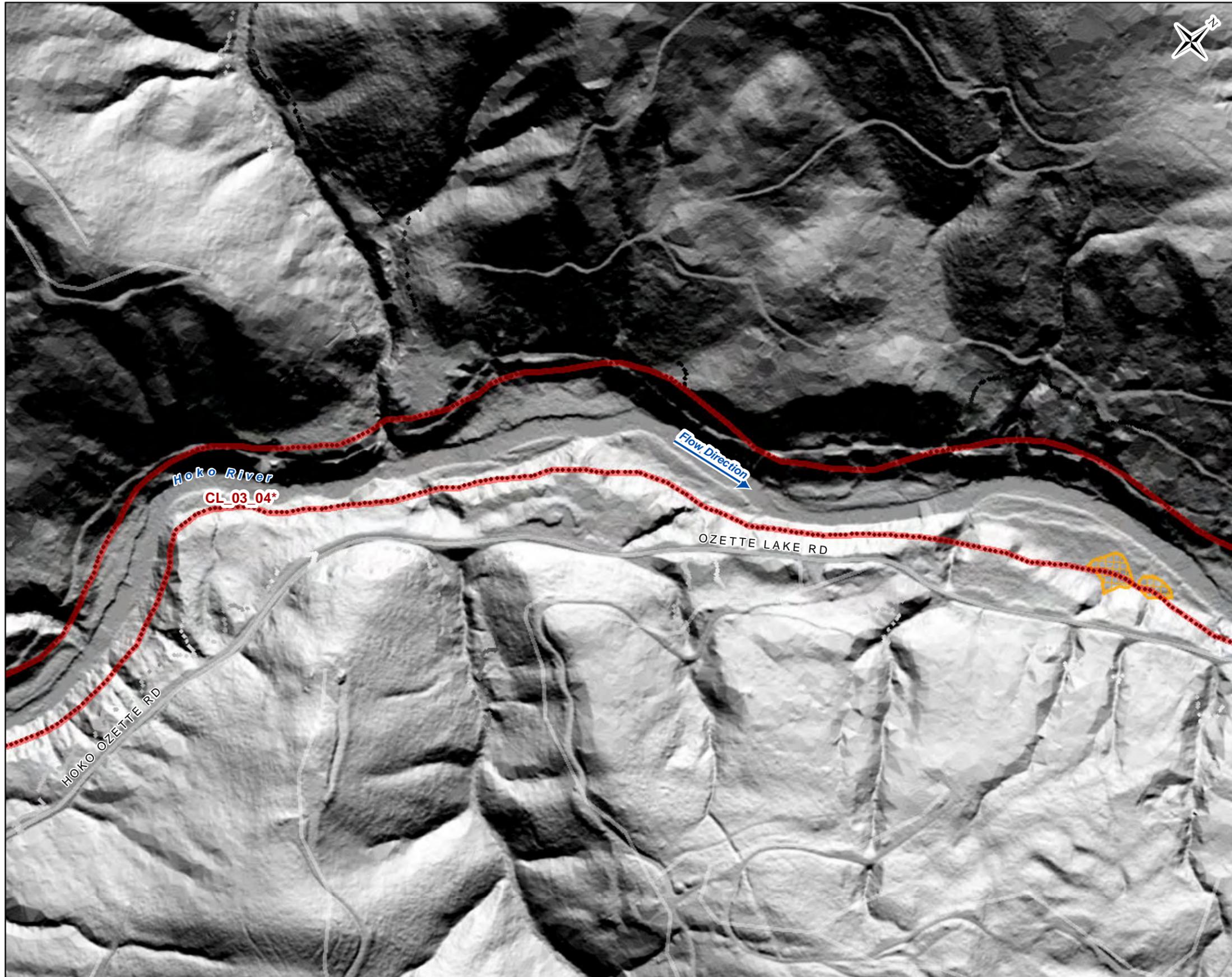


Channel Migration Assessment

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

Hoko River

Map 18



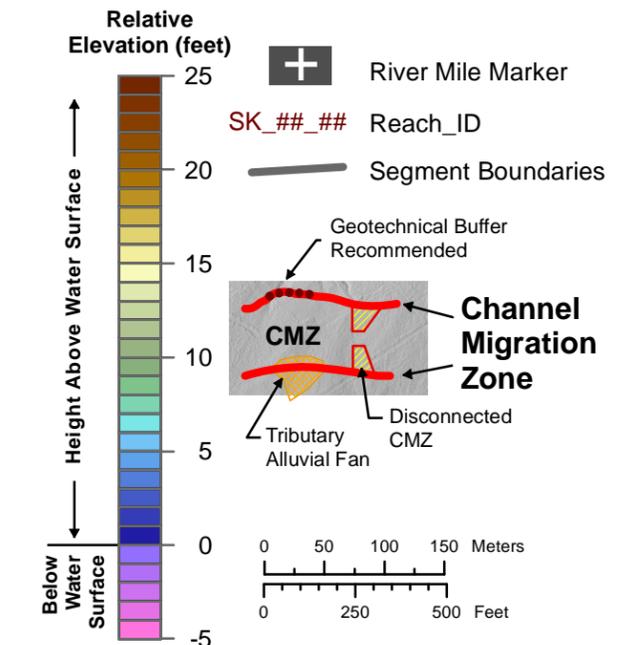
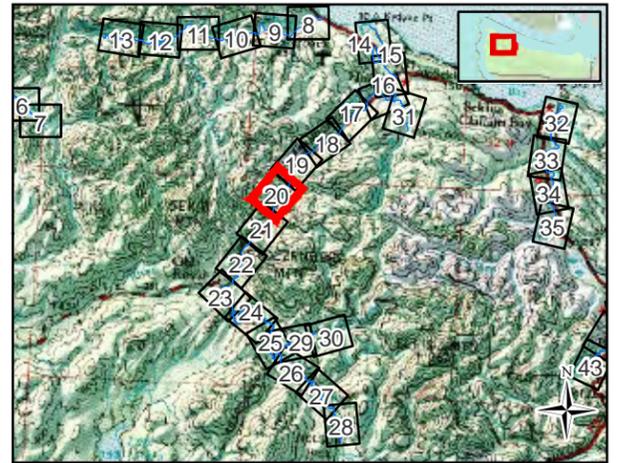
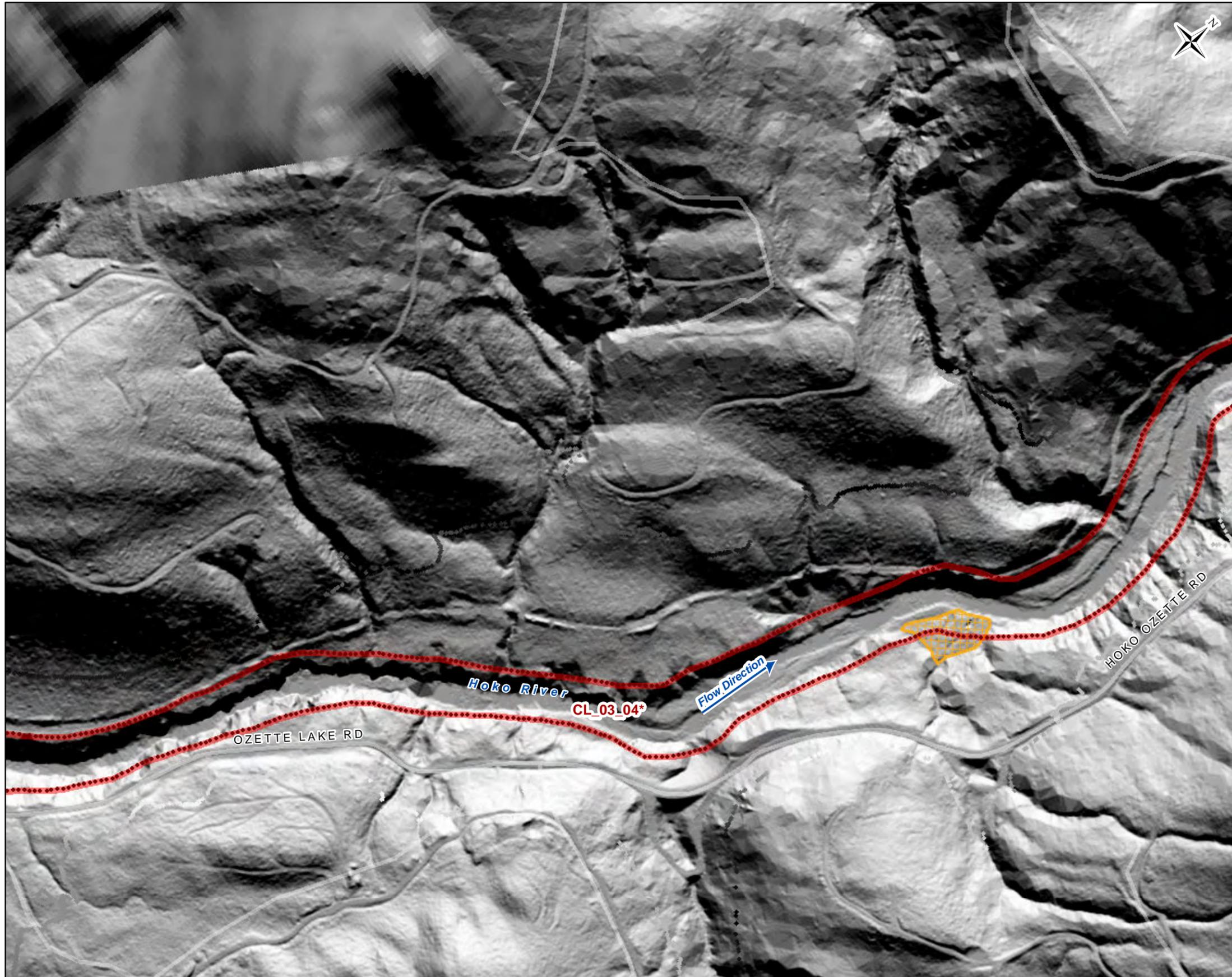
2004 LIDAR topography (Puget Sound LIDAR Consortium).
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Channel Migration Assessment
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 Clallam County, Washington*

Hoko River **Map 19**



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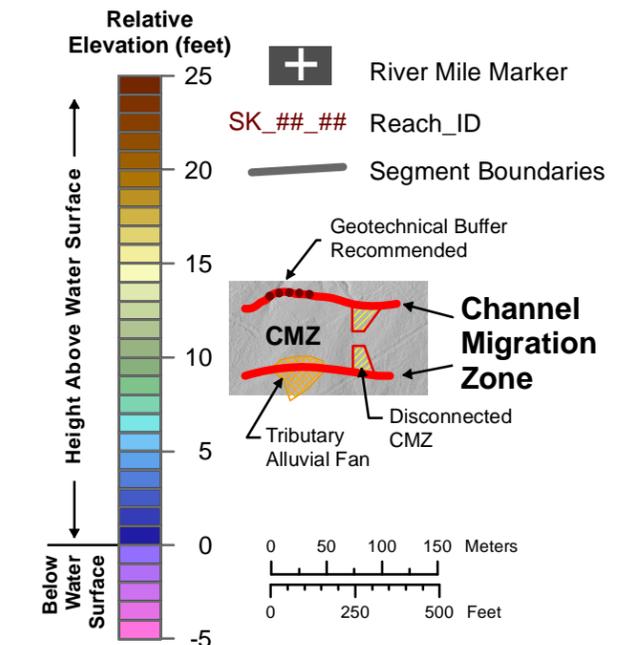
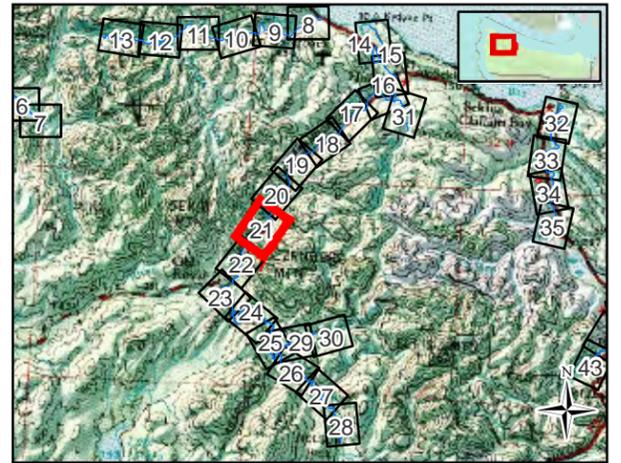
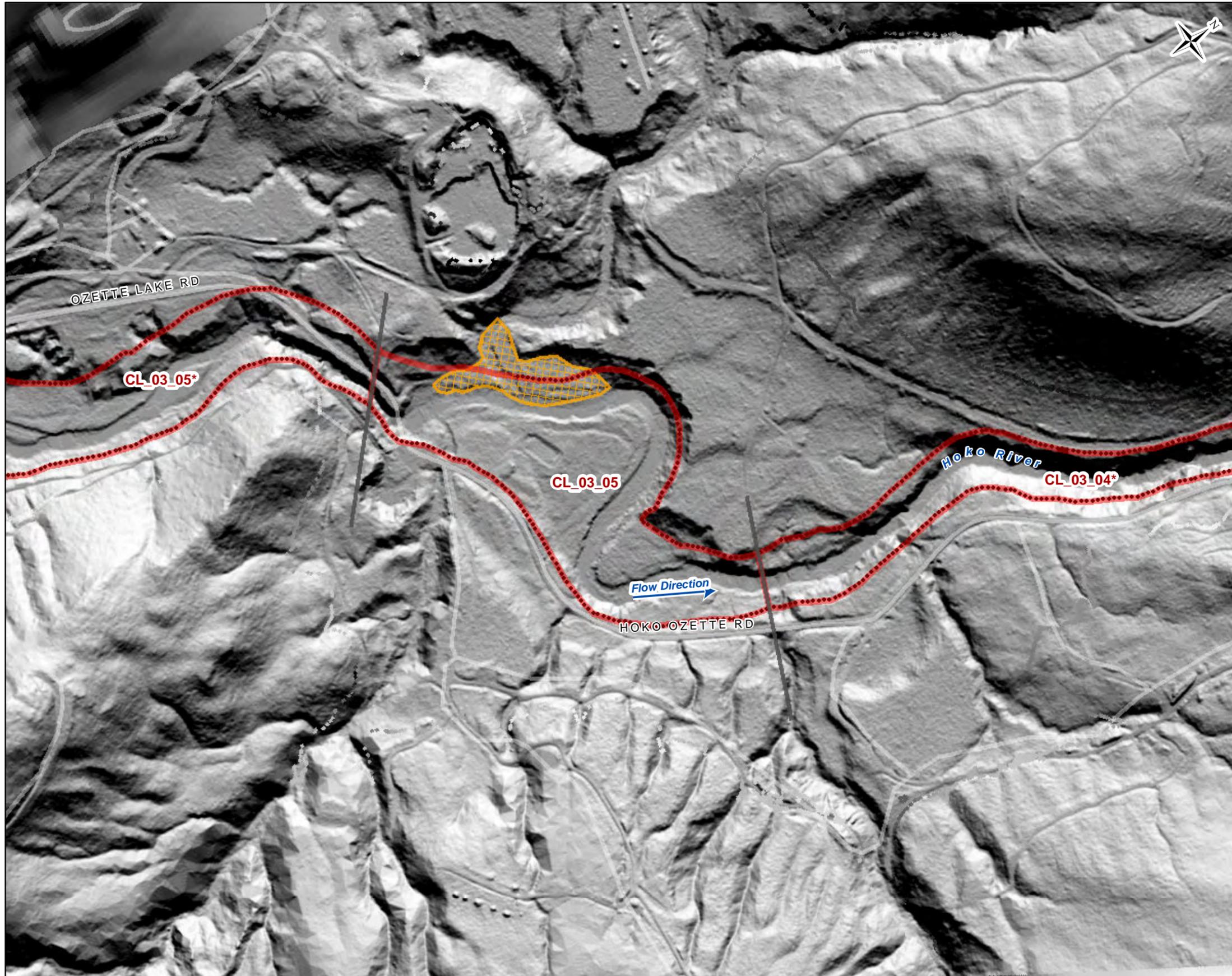
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Hoko River **Map 20**

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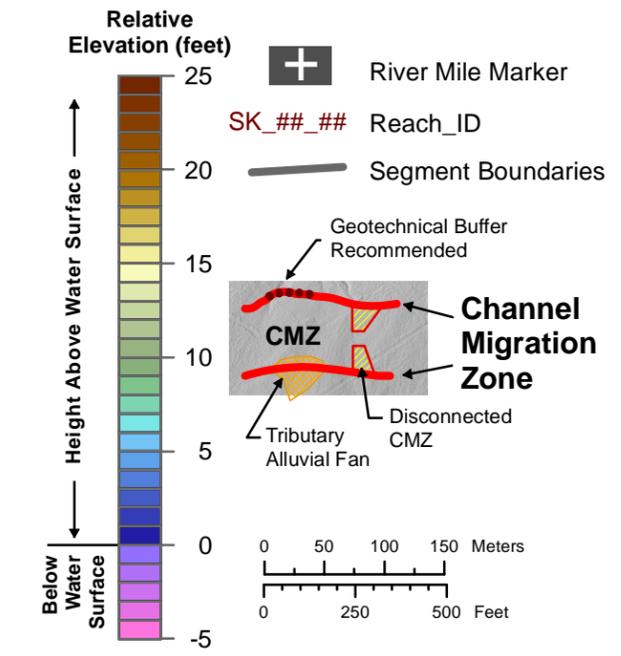
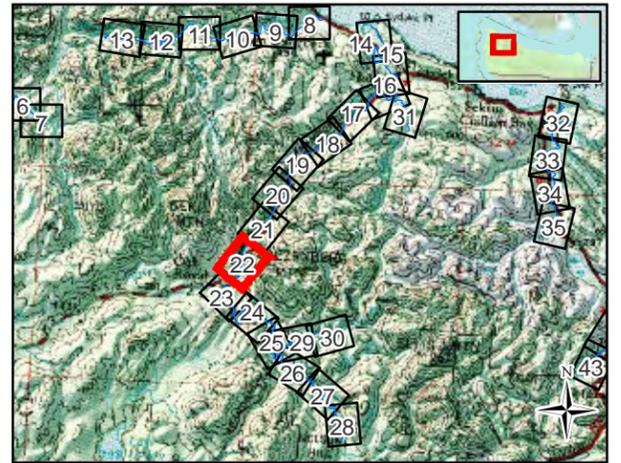
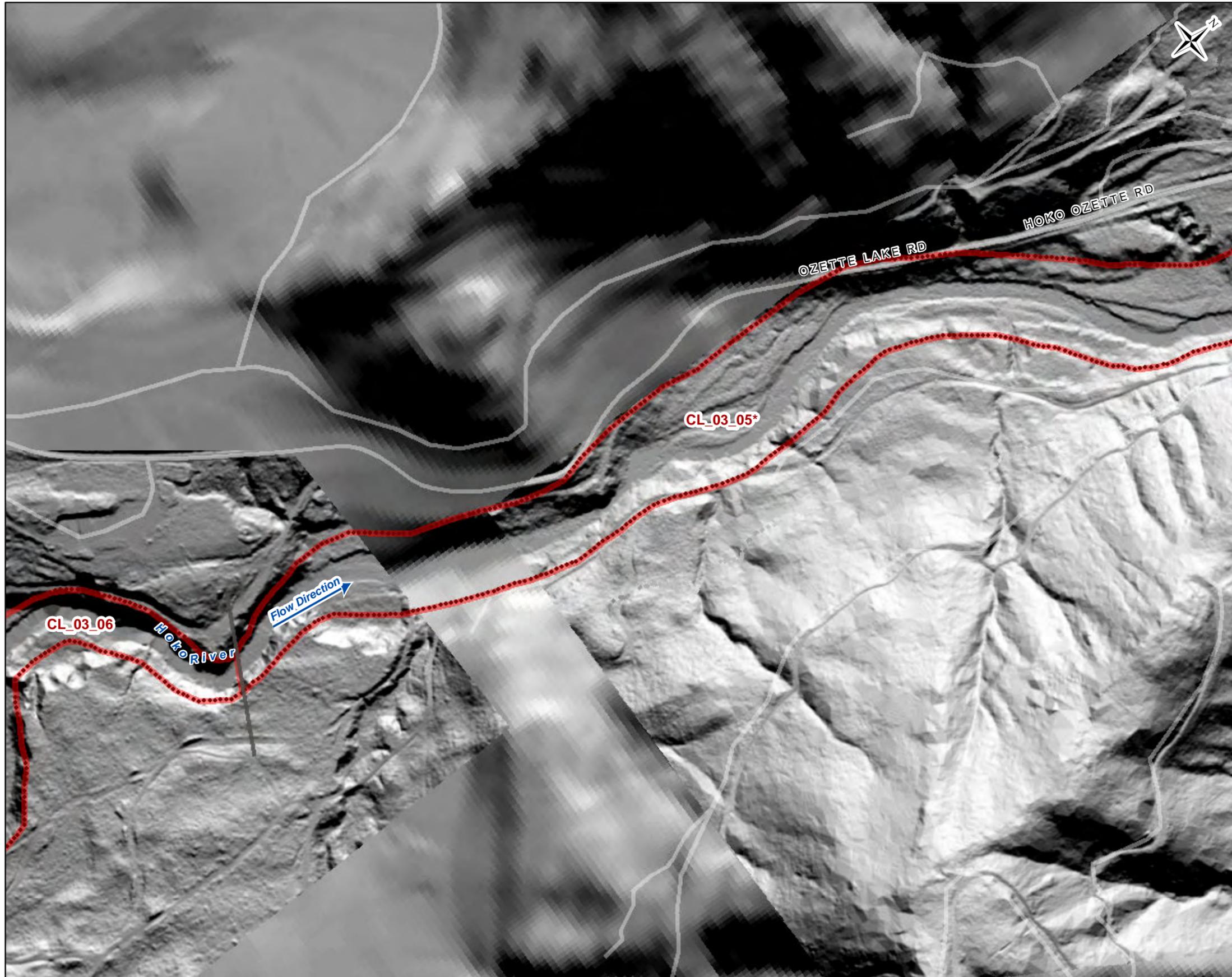
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 Clallam County, Washington*

Hoko River **Map 21**



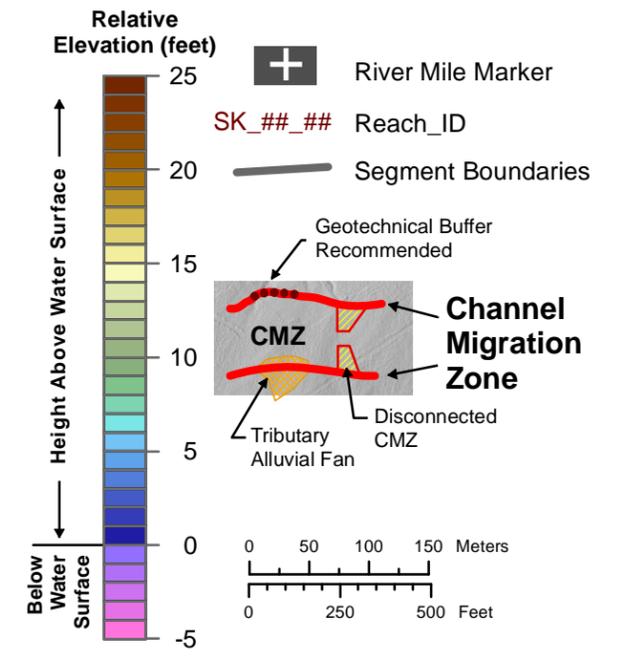
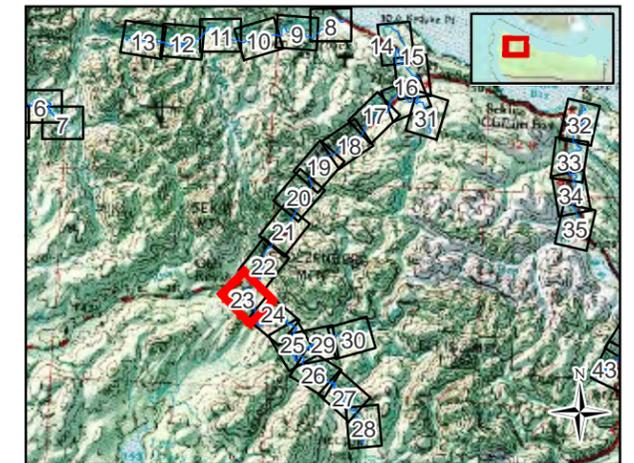
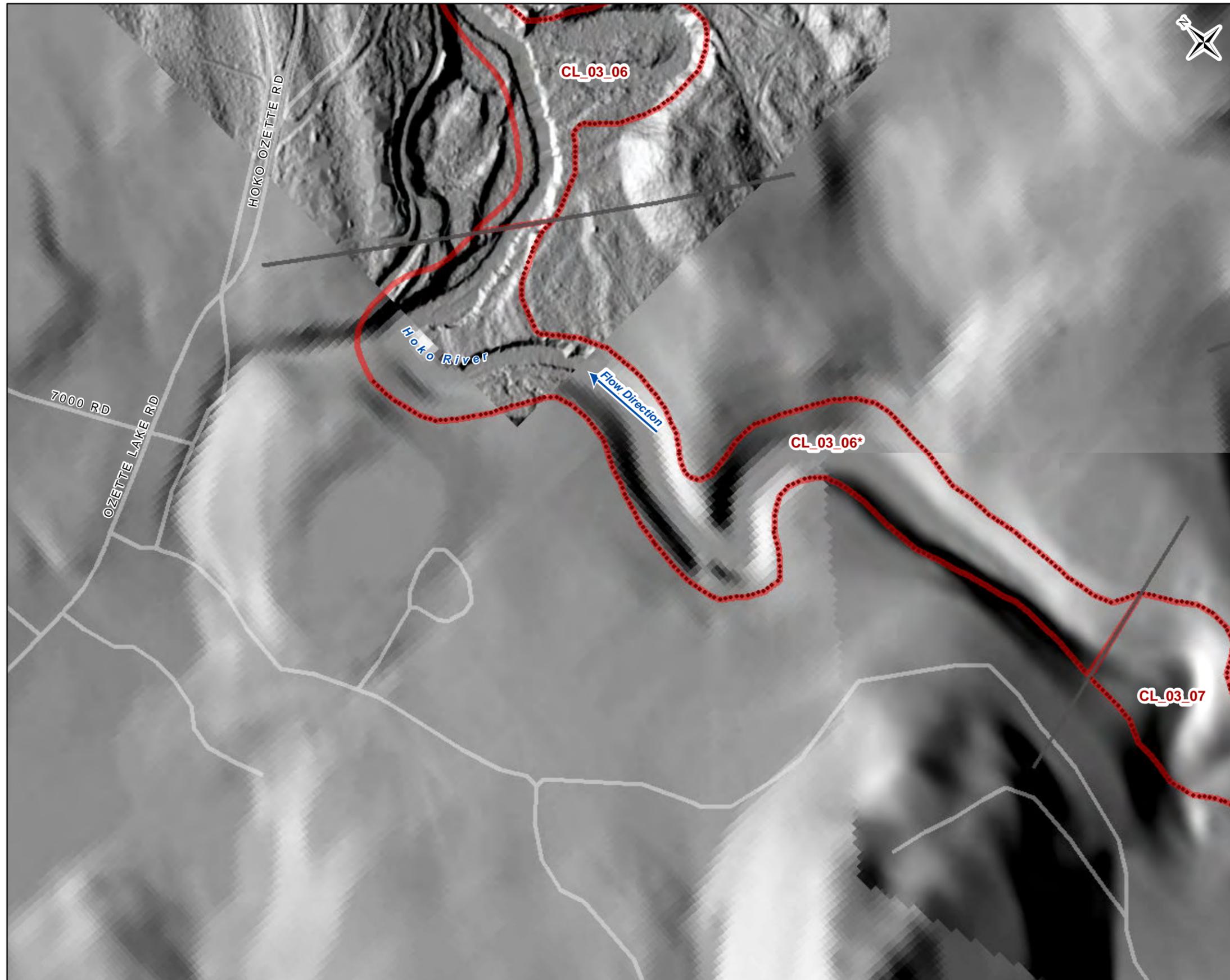
2004 LIDAR topography (Puget Sound LIDAR Consortium).
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
 Roads from TIGER (US Census Bureau)

Analyzed by: Andrew Nelson (GeoEngineers)
 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)



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

Hoko River **Map 22**



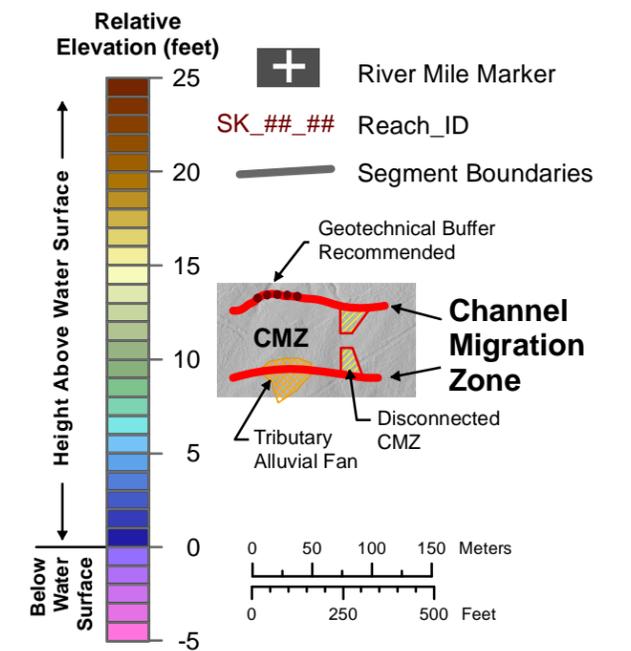
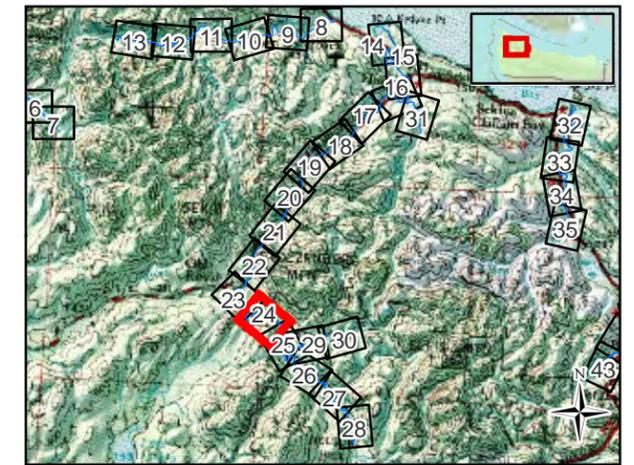
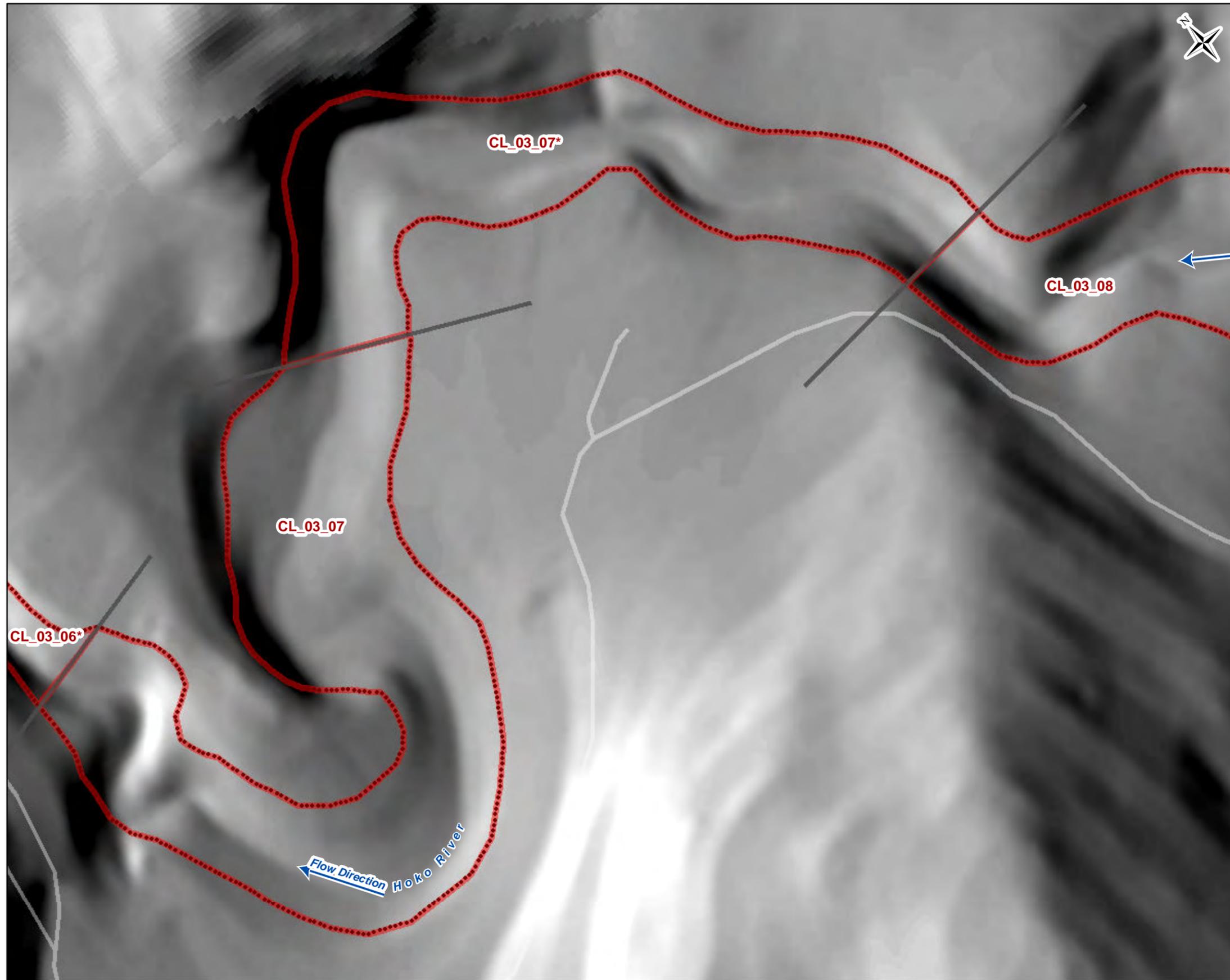
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Hoko River **Map 23**



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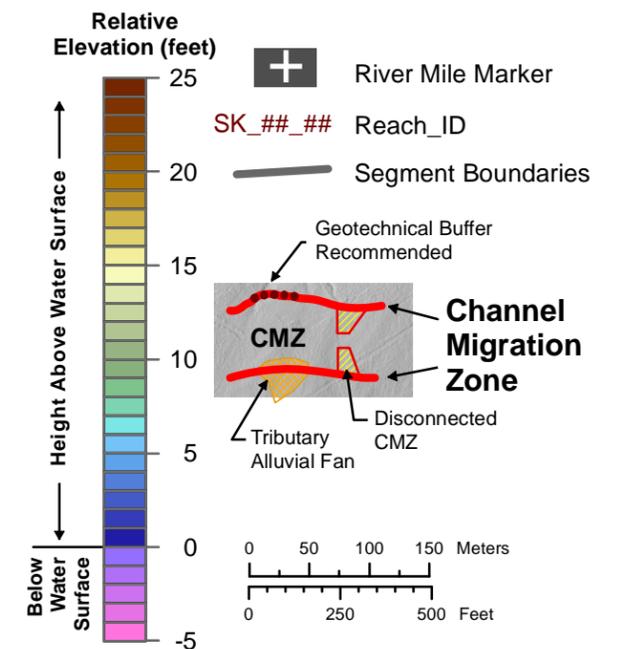
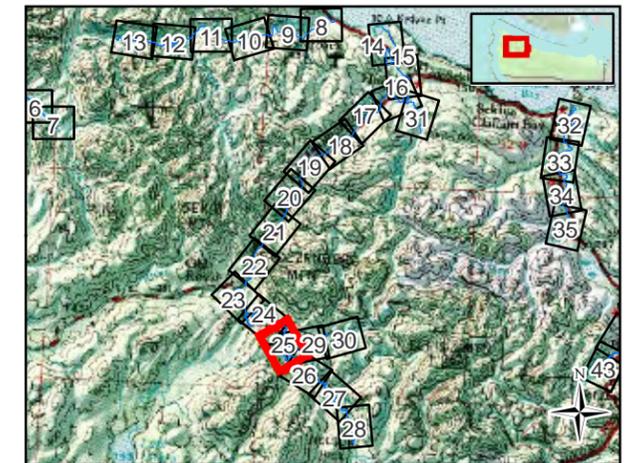
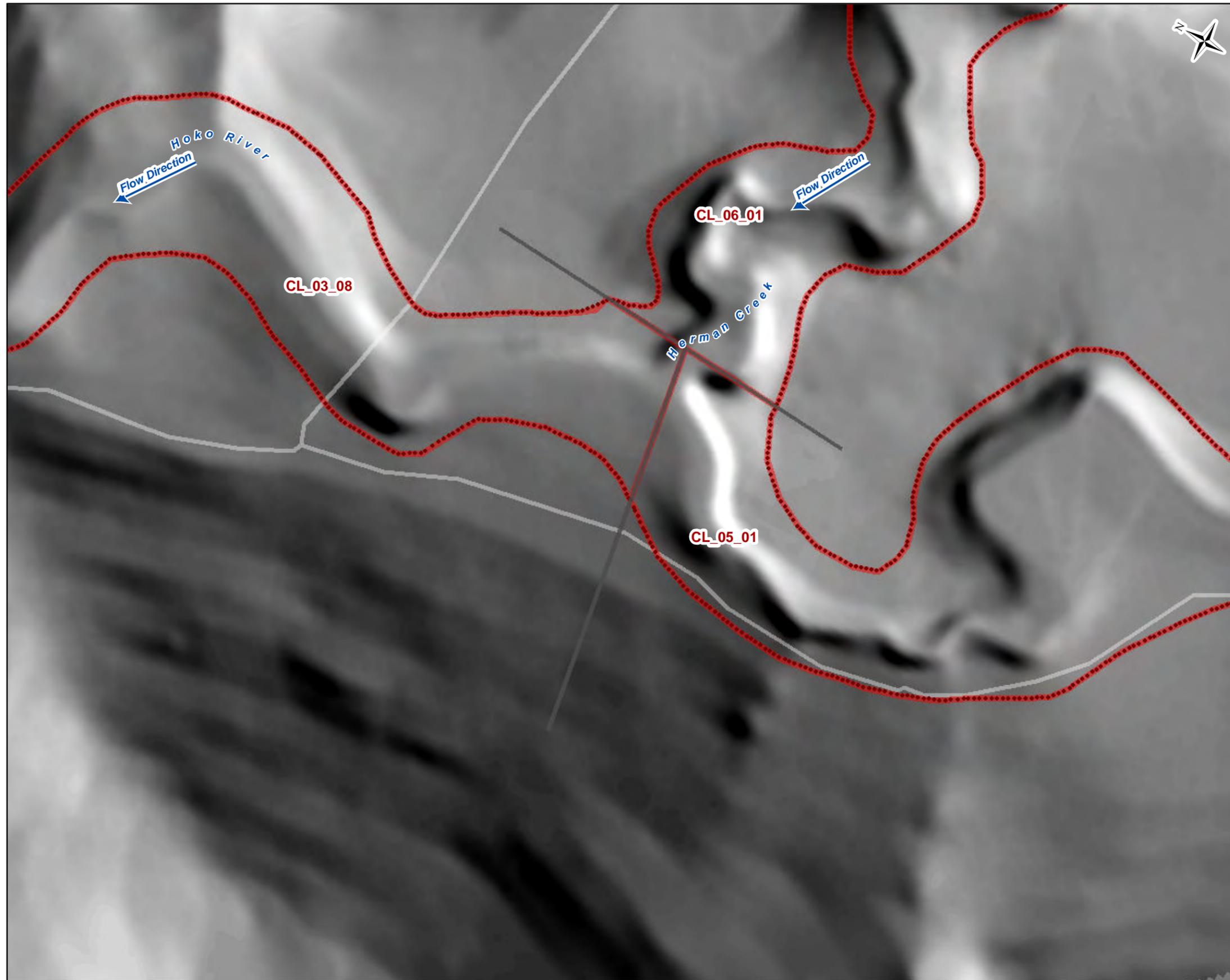


Channel Migration Assessment

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 Clallam County, Washington*

Hoko River

Map 24



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 1:24,000 USGS DRG
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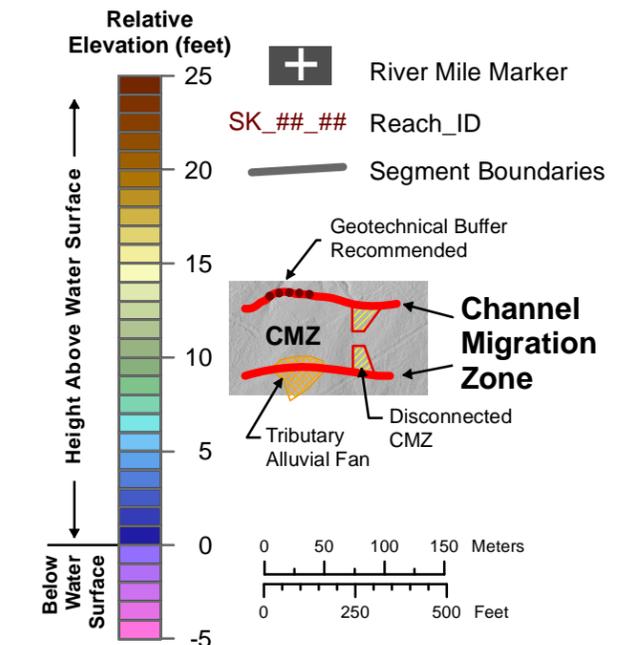
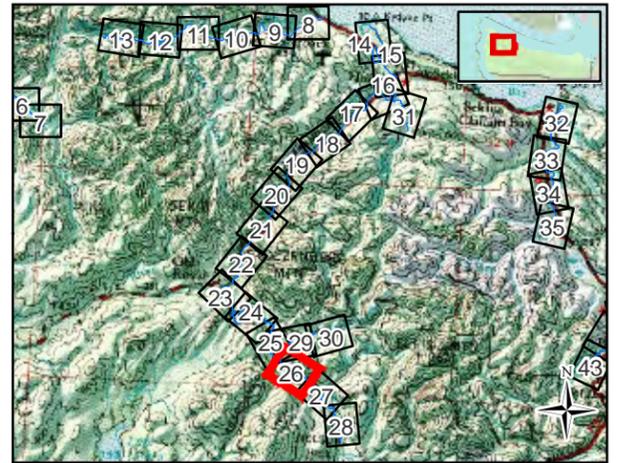
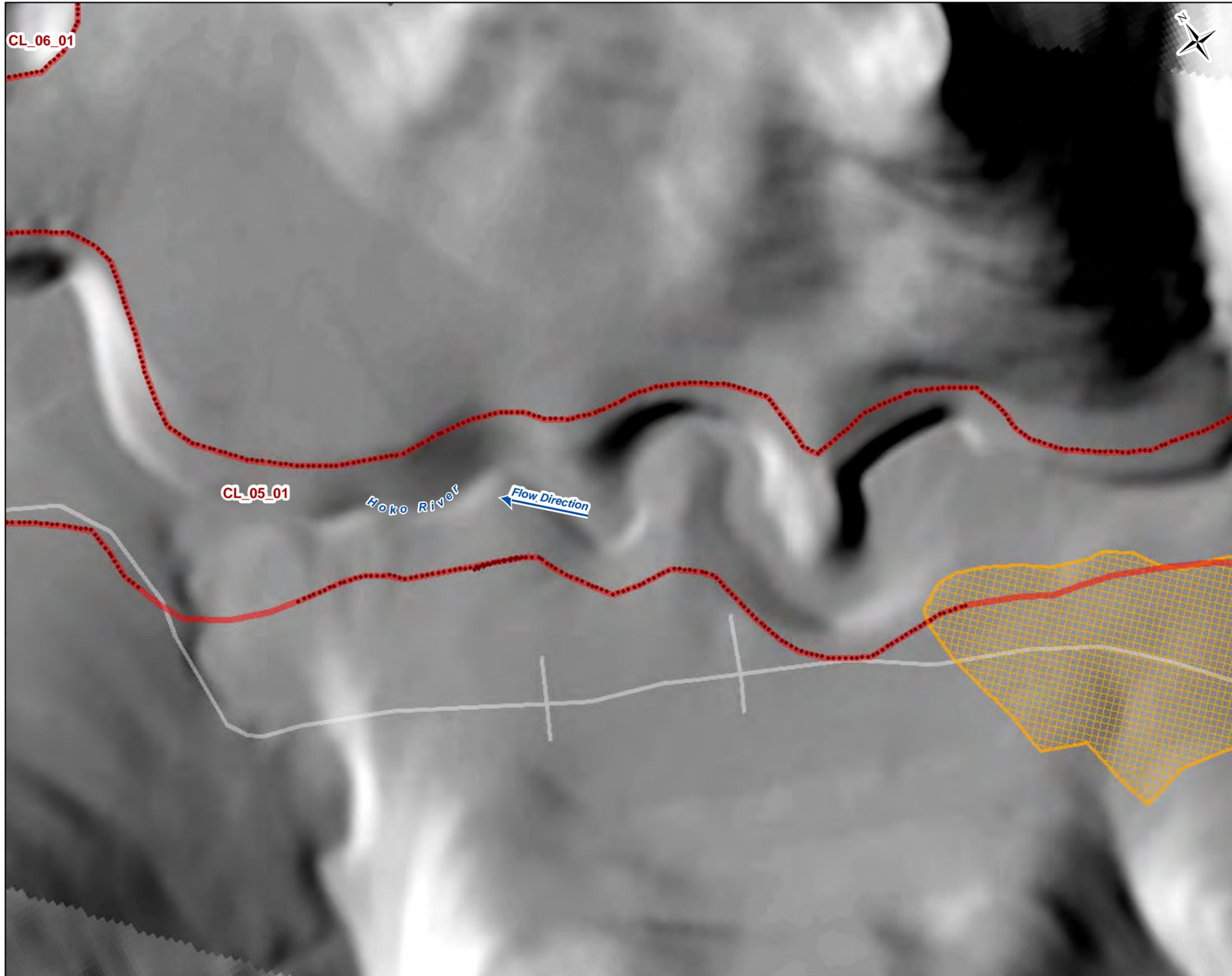


Channel Migration Assessment

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 Clallam County, Washington*

Hoko River

Map 25



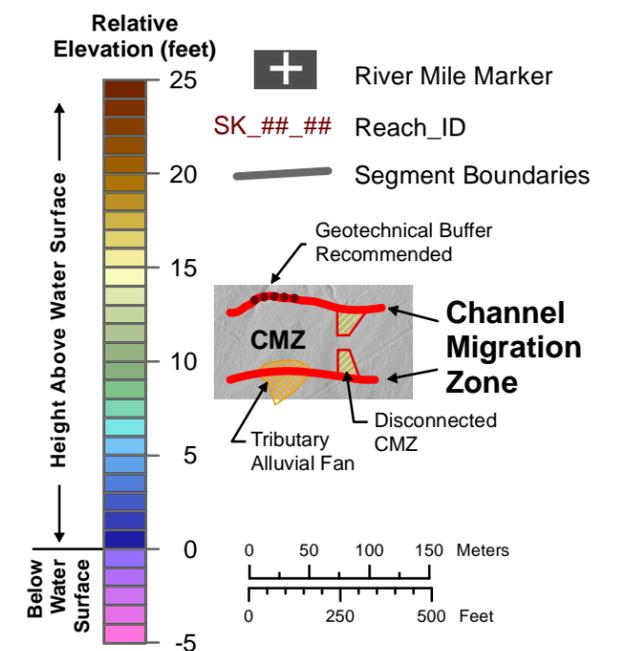
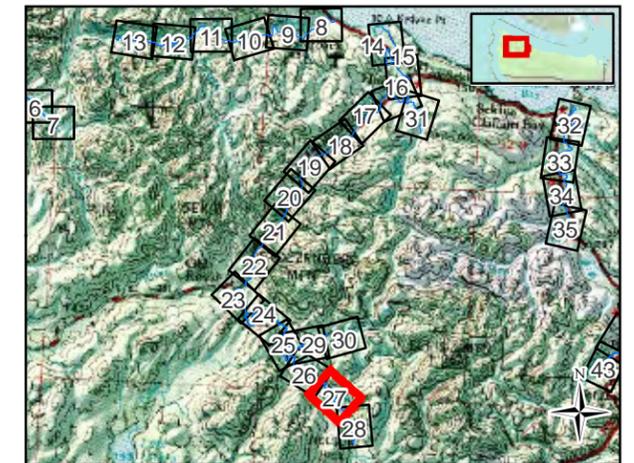
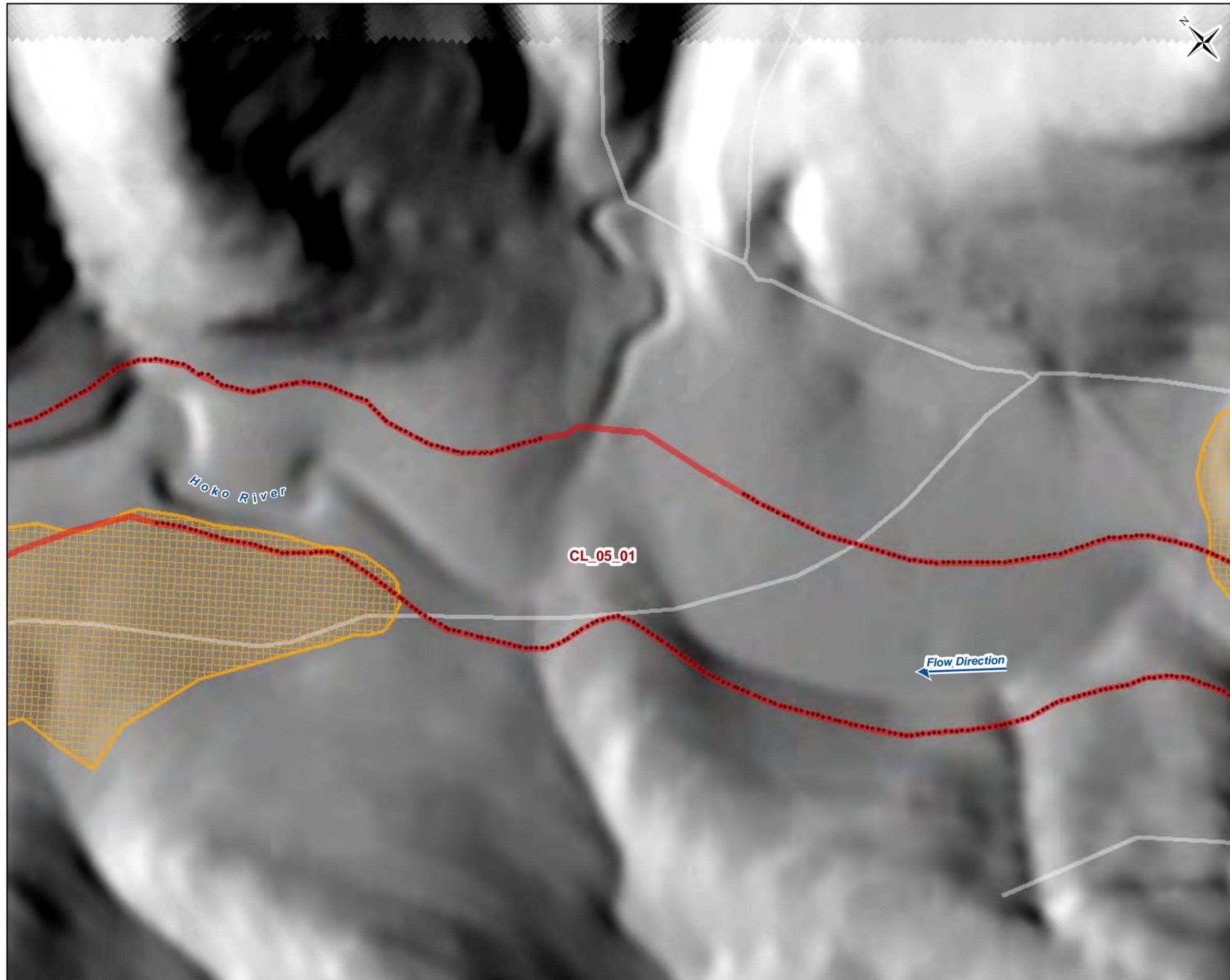
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Channel Migration Assessment
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 Clallam County, Washington

Hoko River **Map 26**



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
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 Reviewed by: Mary Ann Reinhart, LG, LEG (GeoEngineers)

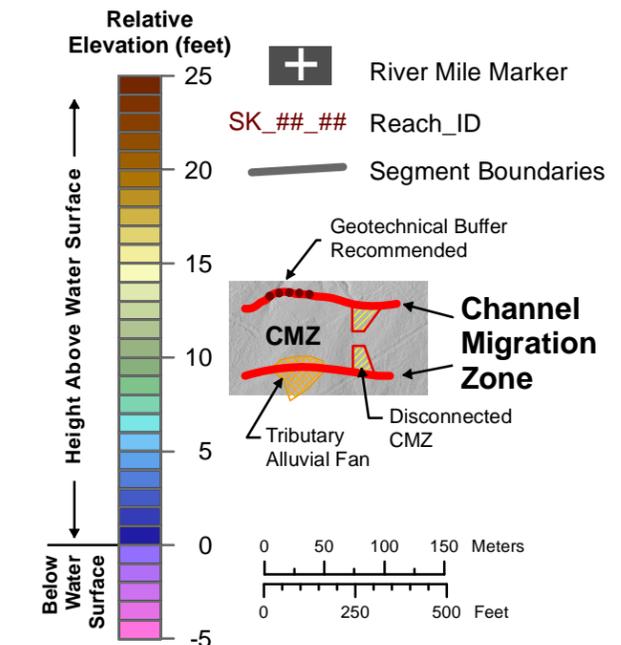
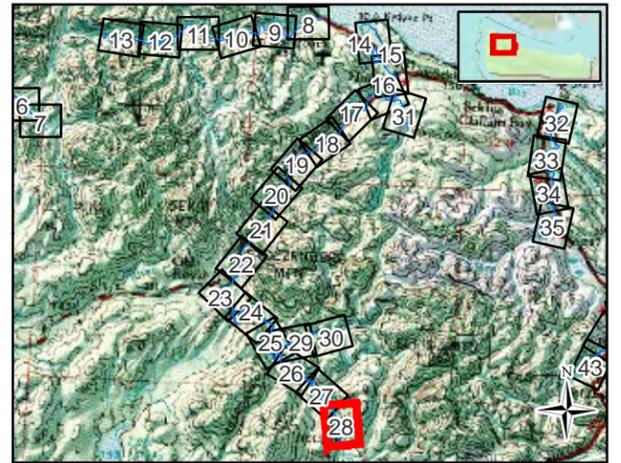
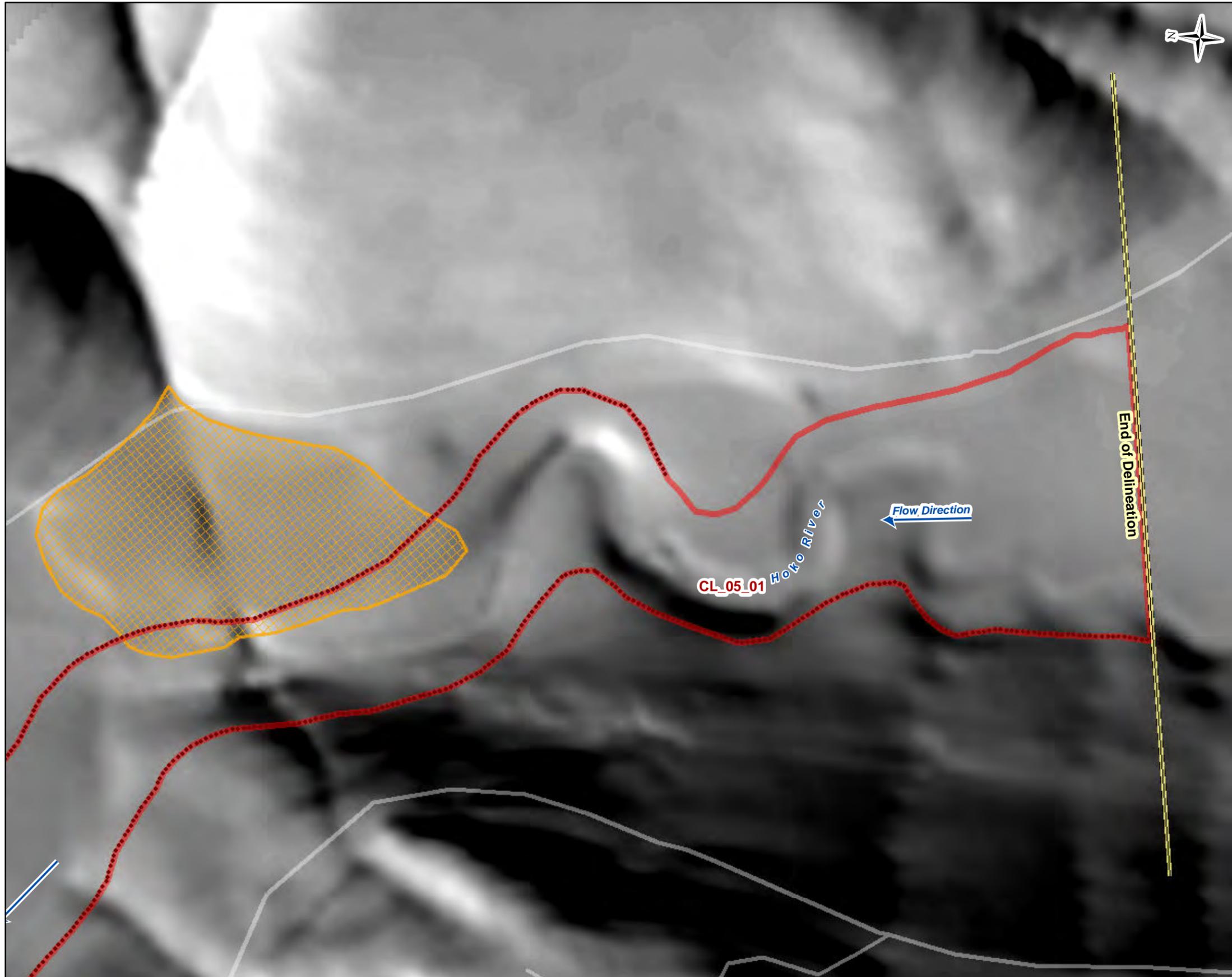


Channel Migration Assessment

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Hoko River

Map 27



2004 LIDAR topography (Puget Sound LIDAR Consortium).
 1:24,000 USGS DRG
 River miles calculated from NHD stream alignment (USGS)
 Relative elevation surface from WA Department of Ecology
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Analyzed by: Andrew Nelson (GeoEngineers)
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Hoko River **Map 28**