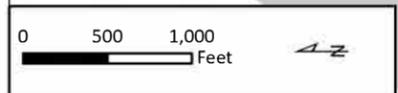
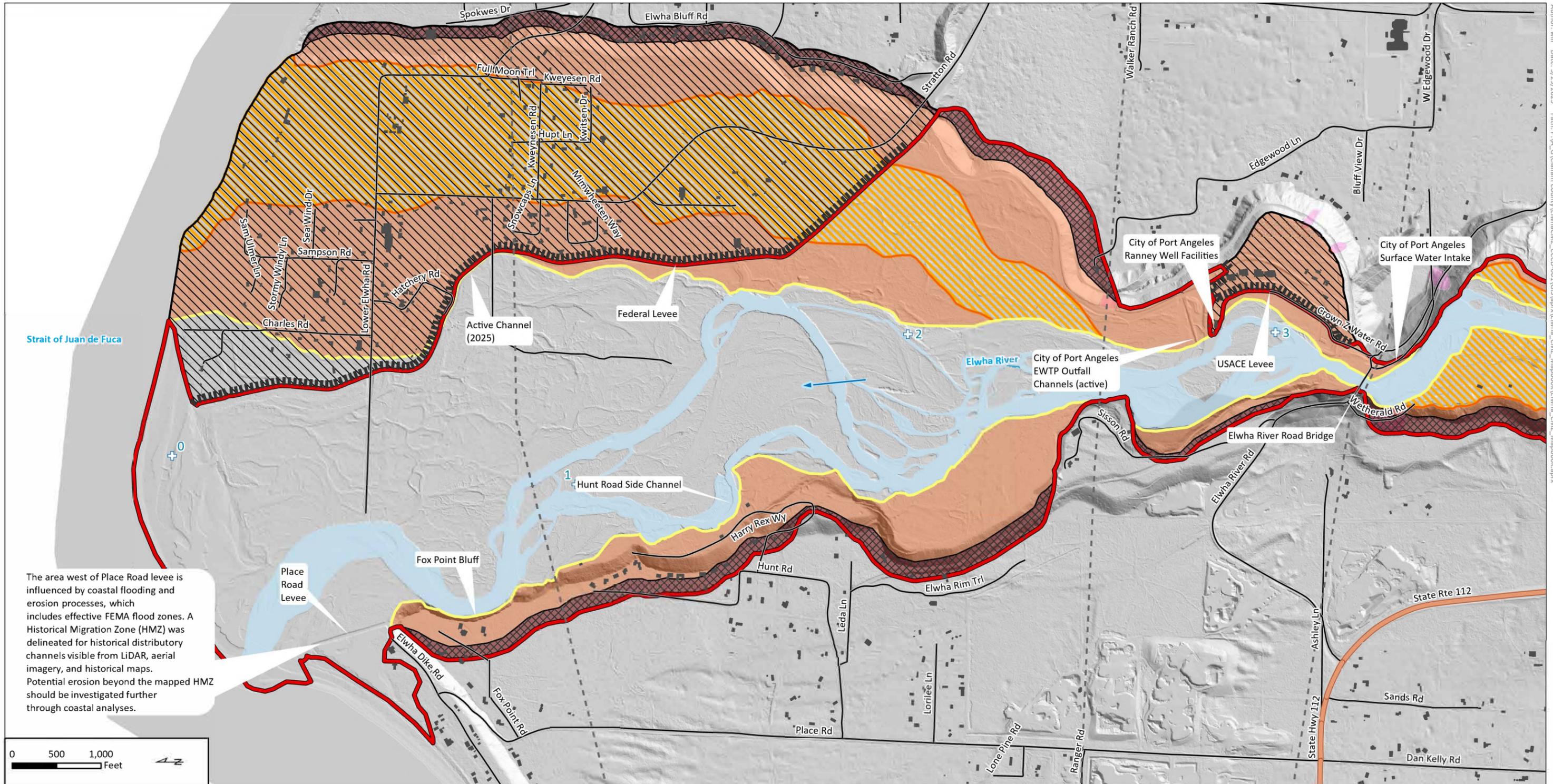


**Appendix A**  
**Detailed CMZ Mapbook**

DRAFT



**Elwha River CMZ** Page 1 of 9  
**CMZ Detail**  
**Elwha River 1**



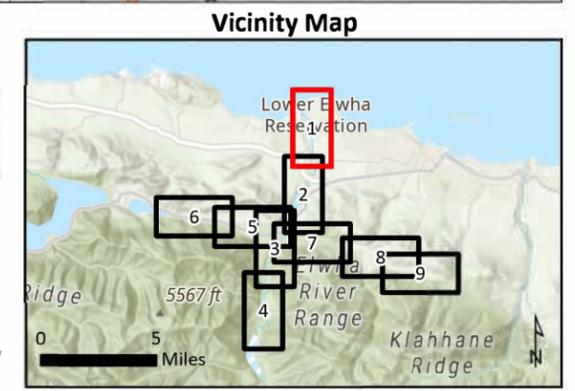
- + River Miles
  - Federal Levees
  - State Highways
  - Other Roads
  - Buildings
  - WGS Mapped Bedrock
  - WGS Mapped Landslides
  - Potentially Unstable Slopes
- Detailed Channel Migration Zone**
  - Alluvial Fan
  - Avulsion Hazard Zone
  - Erosion Setback Area
  - Geotechnical Setback
  - Historical Migration Zone
  - Disconnected Migration Area
- Reach Breaks
  - CMZ Boundary
  - 2018 Active Channel

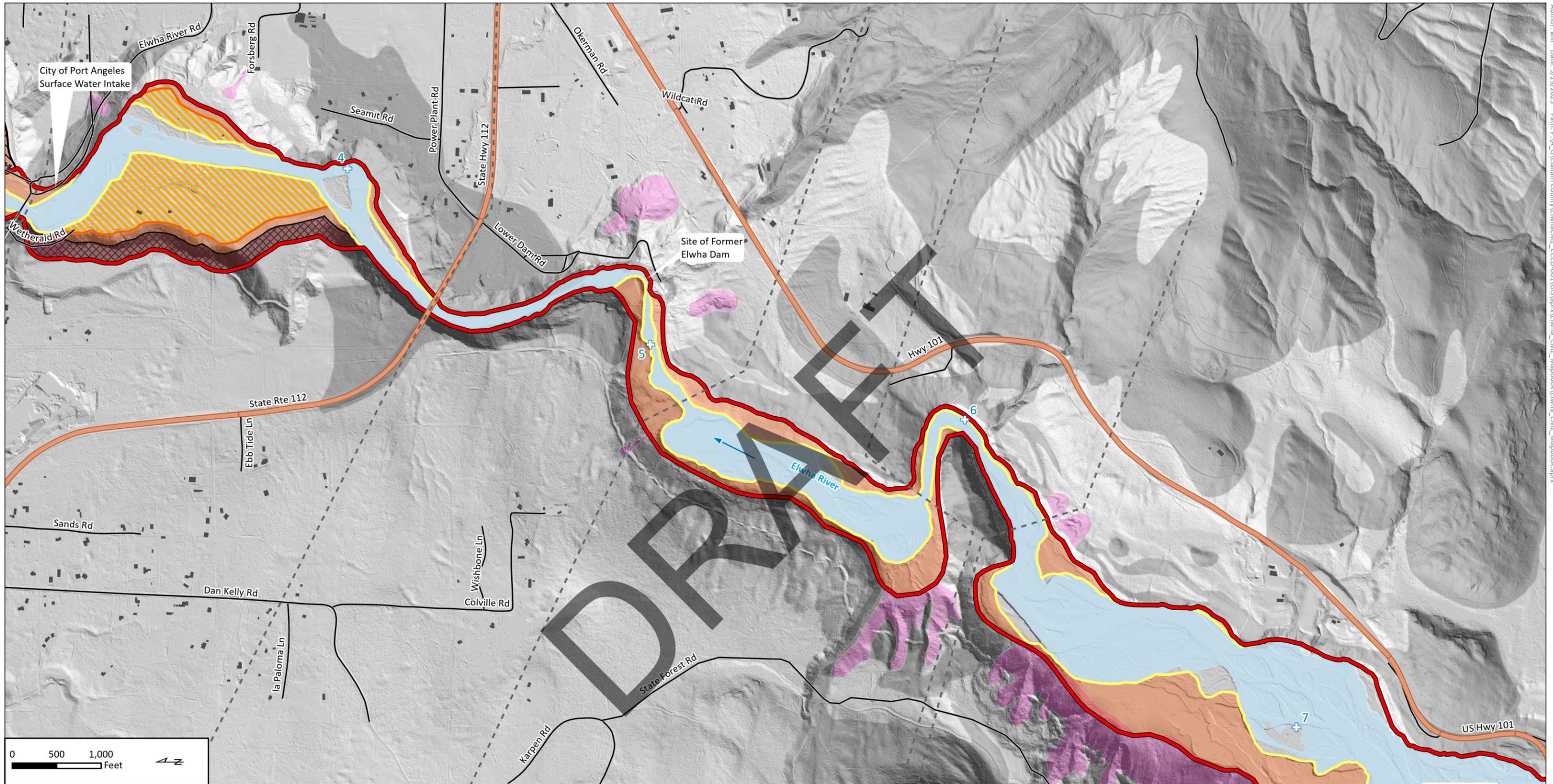


**Timothy B. Abbe**  
 May 29, 2025



Sources:  
 River Miles: USGS / WDFW  
 Levees: USACE  
 Roads: Clallam County  
 Buildings: Microsoft Washington State Buildings  
 Elevation: 2014, 2018 WA LiDAR Portal  
 Geology: Washington Geologic Survey (WGS) / DNR  
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**Elwha River CMZ** Page 2 of 9  
**CMZ Detail**  
**Elwha River 2**



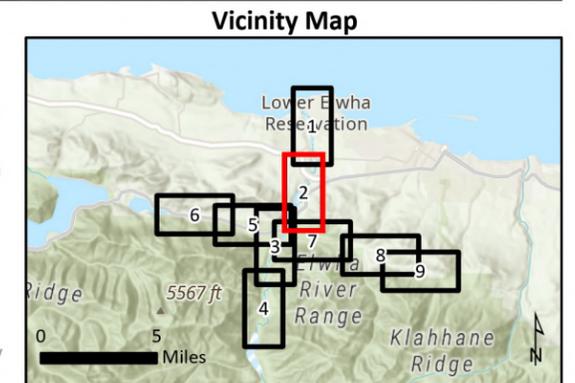
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|-----------------------------|-----------------------------|---------------------|
| River Miles                 | Alluvial Fan                | Reach Breaks        |
| Federal Levees              | Avulsion Hazard Zone        | CMZ Boundary        |
| State Highways              | Erosion Setback Area        | 2018 Active Channel |
| Other Roads                 | Geotechnical Setback        |                     |
| Buildings                   | Historical Migration Zone   |                     |
| WGS Mapped Bedrock          | Disconnected Migration Area |                     |
| WGS Mapped Landslides       |                             |                     |
| Potentially Unstable Slopes |                             |                     |

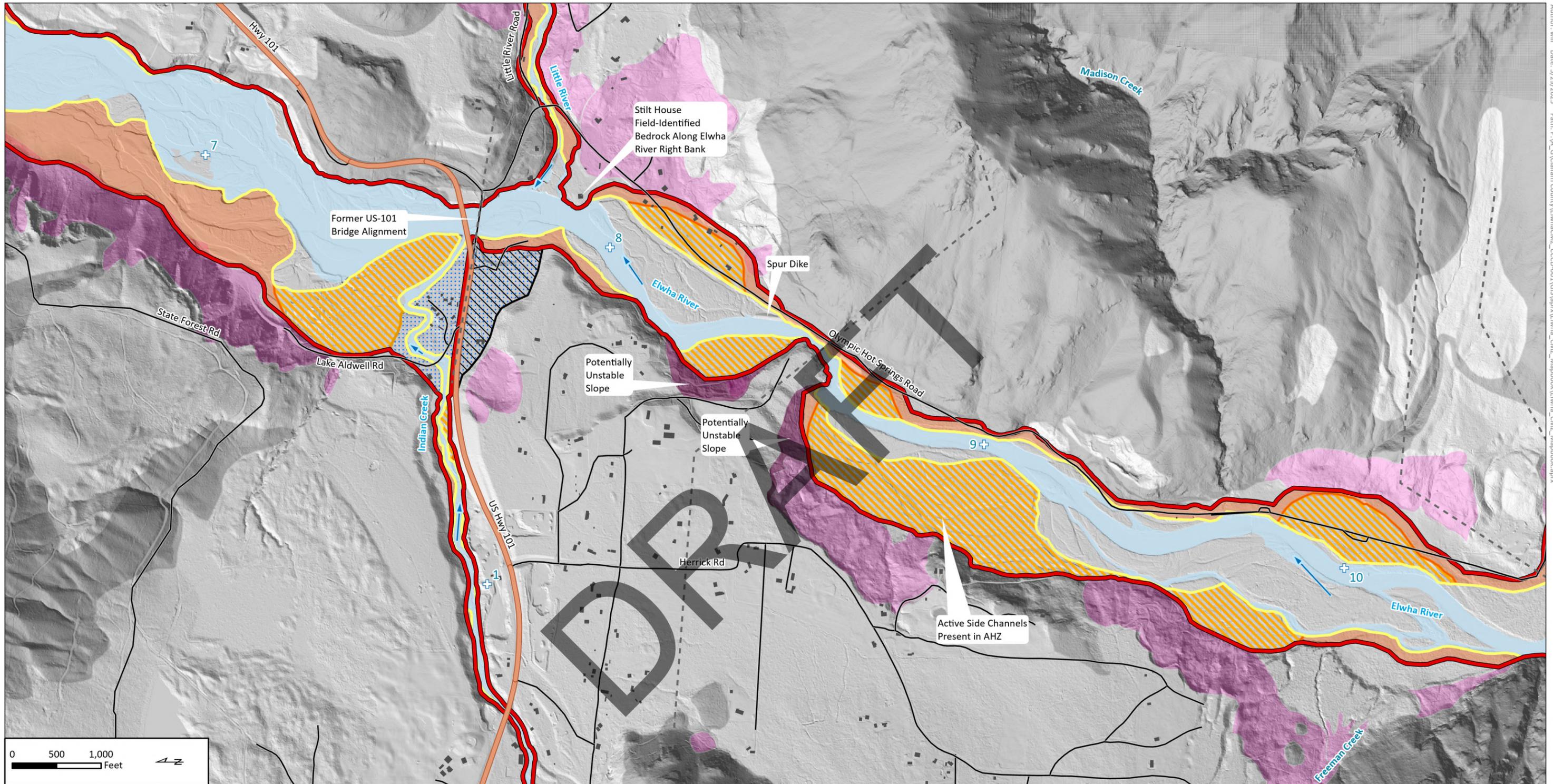


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Sources:  
 River Miles: USGS / WDFW  
 Levees: USACE  
 Roads: Clallam County  
 Buildings: Microsoft Washington State Buildings  
 Elevation: 2014, 2018 WA LIDAR Portal  
 Geology: Washington Geologic Survey (WGS) / DNR  
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**Elwha River CMZ** Page 3 of 9  
**CMZ Detail**  
**Elwha River 3**



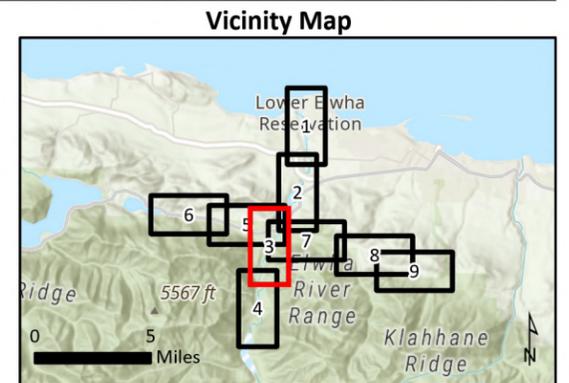
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|-----------------------------|-----------------------------|---------------------|
| River Miles                 | Alluvial Fan                | Reach Breaks        |
| Federal Levees              | Avulsion Hazard Zone        | CMZ Boundary        |
| State Highways              | Erosion Setback Area        | 2018 Active Channel |
| Other Roads                 | Geotechnical Setback        |                     |
| Buildings                   | Historical Migration Zone   |                     |
| WGS Mapped Bedrock          | Disconnected Migration Area |                     |
| WGS Mapped Landslides       |                             |                     |
| Potentially Unstable Slopes |                             |                     |

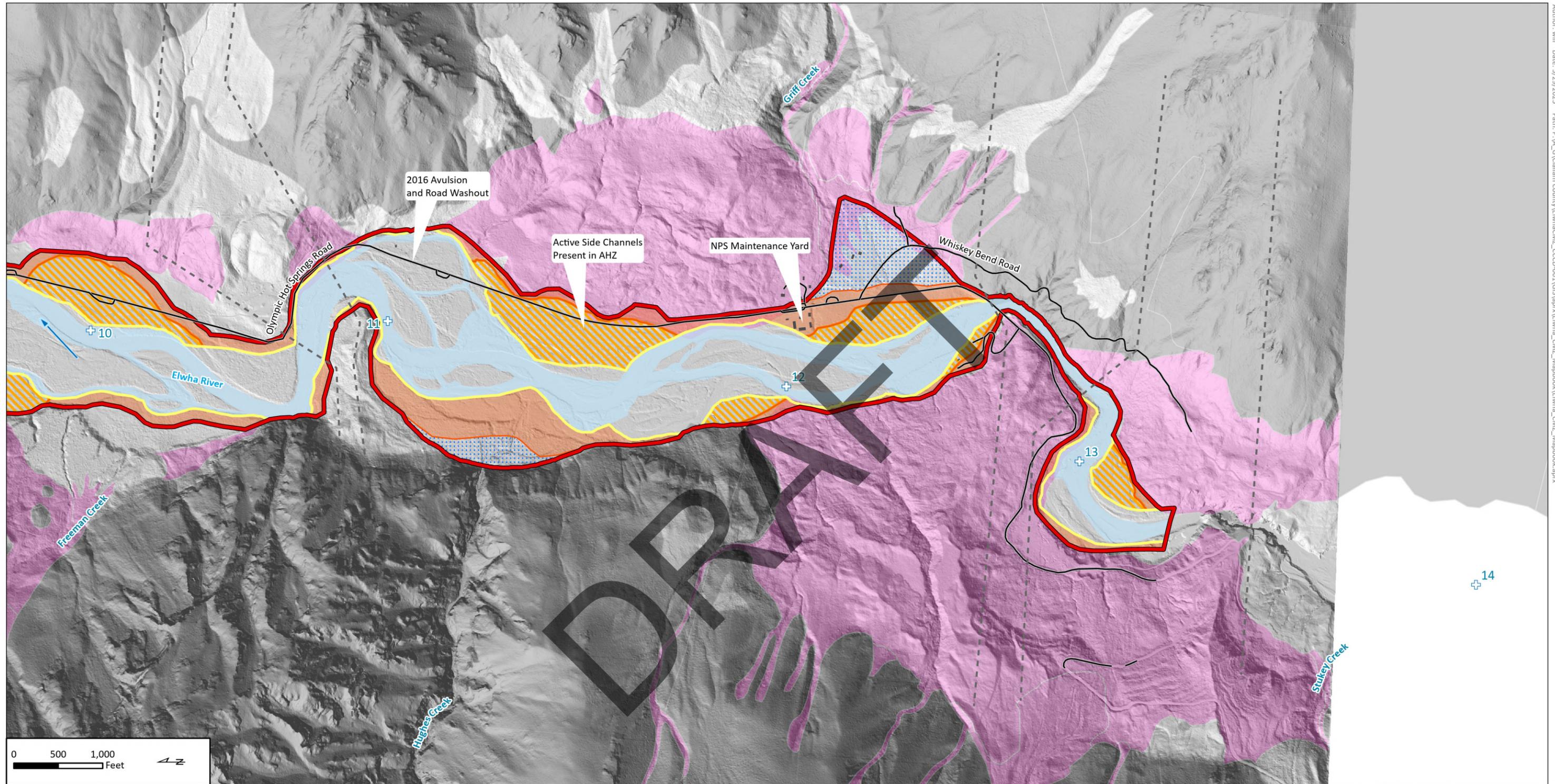


**Timothy B. Abbe**  
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Sources:  
 River Miles: USGS / WDFW  
 Levees: USACE  
 Roads: Clallam County  
 Buildings: Microsoft Washington State Buildings  
 Elevation: 2014, 2018 WA LIDAR Portal  
 Geology: Washington Geologic Survey (WGS) / DNR  
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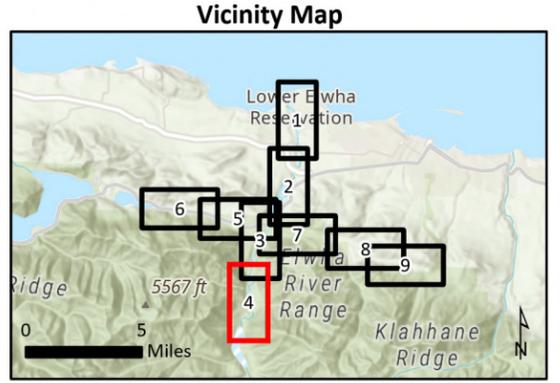
**Elwha River CMZ** Page 4 of 9  
**CMZ Detail**  
**Elwha River 4**

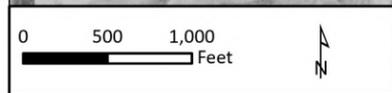
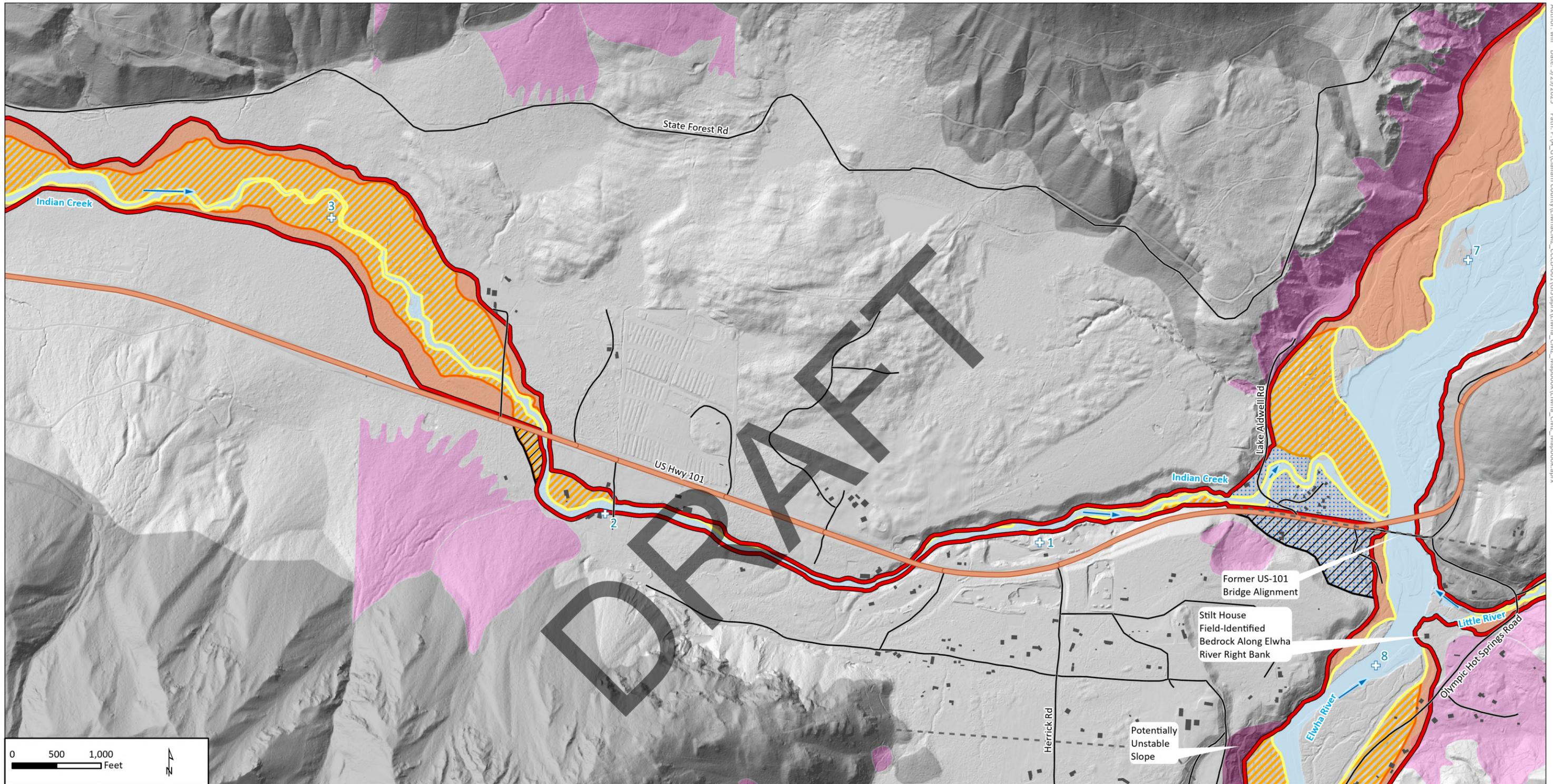


- |   |                             |       |                             |
|---|-----------------------------|-------|-----------------------------|
| + | River Miles                 | ----- | Reach Breaks                |
|   | Federal Levees              | ▭     | CMZ Boundary                |
| — | State Highways              | ▭     | 2018 Active Channel         |
| — | Other Roads                 | ▭     | Alluvial Fan                |
| ■ | Buildings                   | ▭     | Avulsion Hazard Zone        |
| ■ | WGS Mapped Bedrock          | ▭     | Erosion Setback Area        |
| ■ | WGS Mapped Landslides       | ▭     | Geotechnical Setback        |
| ■ | Potentially Unstable Slopes | ▭     | Historical Migration Zone   |
|   |                             | ▭     | Disconnected Migration Area |

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Sources:  
 River Miles: USGS / WDFW  
 Levees: USACE  
 Roads: Clallam County  
 Buildings: Microsoft Washington State Buildings  
 Elevation: 2014, 2018 WA LIDAR Portal  
 Geology: Washington Geologic Survey (WGS) / DNR  
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**Elwha River CMZ** Page 5 of 9  
**CMZ Detail**  
**Indian Creek 1**



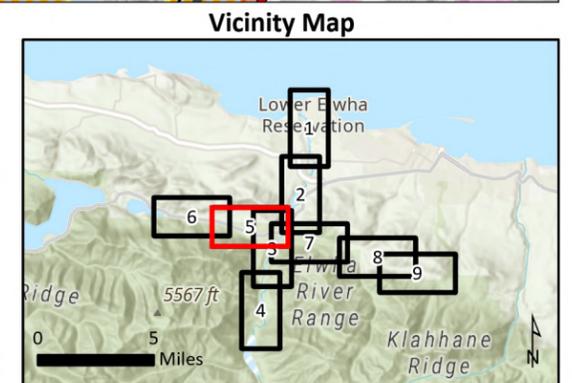
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|-----------------------------|-----------------------------|---------------------|
| River Miles                 | Alluvial Fan                | Reach Breaks        |
| Federal Levees              | Avulsion Hazard Zone        | CMZ Boundary        |
| State Highways              | Erosion Setback Area        | 2018 Active Channel |
| Other Roads                 | Geotechnical Setback        |                     |
| Buildings                   | Historical Migration Zone   |                     |
| WGS Mapped Bedrock          | Disconnected Migration Area |                     |
| WGS Mapped Landslides       |                             |                     |
| Potentially Unstable Slopes |                             |                     |

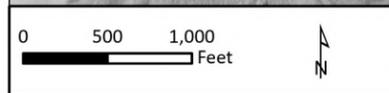


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 May 29, 2025



Sources:  
 River Miles: USGS / WDFW  
 Levees: USACE  
 Roads: Clallam County  
 Buildings: Microsoft Washington State Buildings  
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**Elwha River CMZ** Page 6 of 9  
**CMZ Detail**  
**Indian Creek 2**

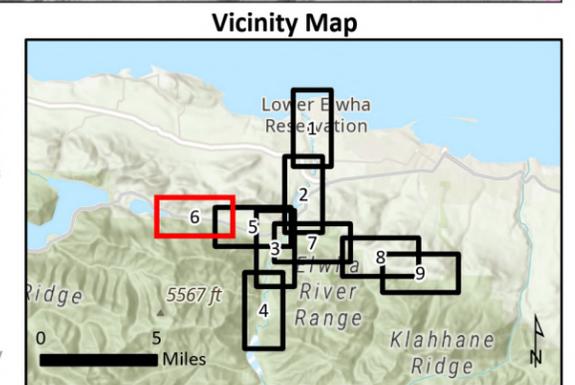
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|-----------------------------|-----------------------------|---------------------|
| River Miles                 | Alluvial Fan                | Reach Breaks        |
| Federal Levees              | Avulsion Hazard Zone        | CMZ Boundary        |
| State Highways              | Erosion Setback Area        | 2018 Active Channel |
| Other Roads                 | Geotechnical Setback        |                     |
| Buildings                   | Historical Migration Zone   |                     |
| WGS Mapped Bedrock          | Disconnected Migration Area |                     |
| WGS Mapped Landslides       |                             |                     |
| Potentially Unstable Slopes |                             |                     |

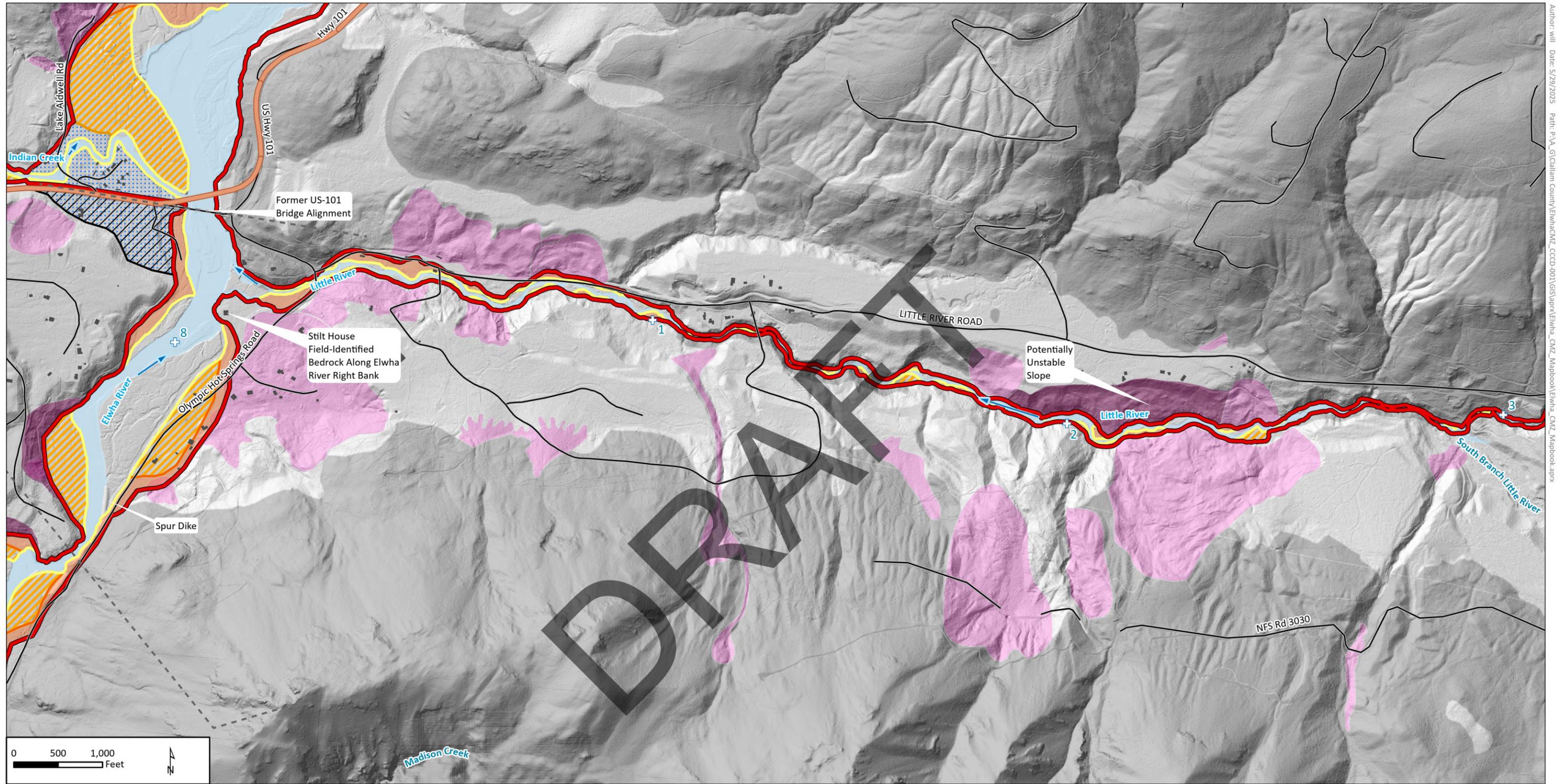


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 May 29, 2025



Sources:  
 River Miles: USGS / WDFW  
 Levees: USACE  
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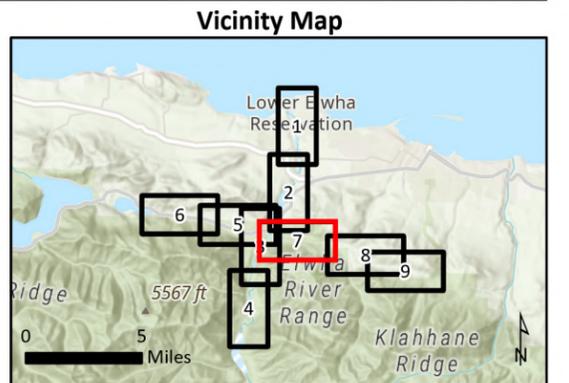
**Elwha River CMZ** Page 7 of 9  
**CMZ Detail**  
**Little River 1**

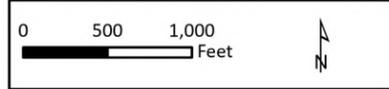
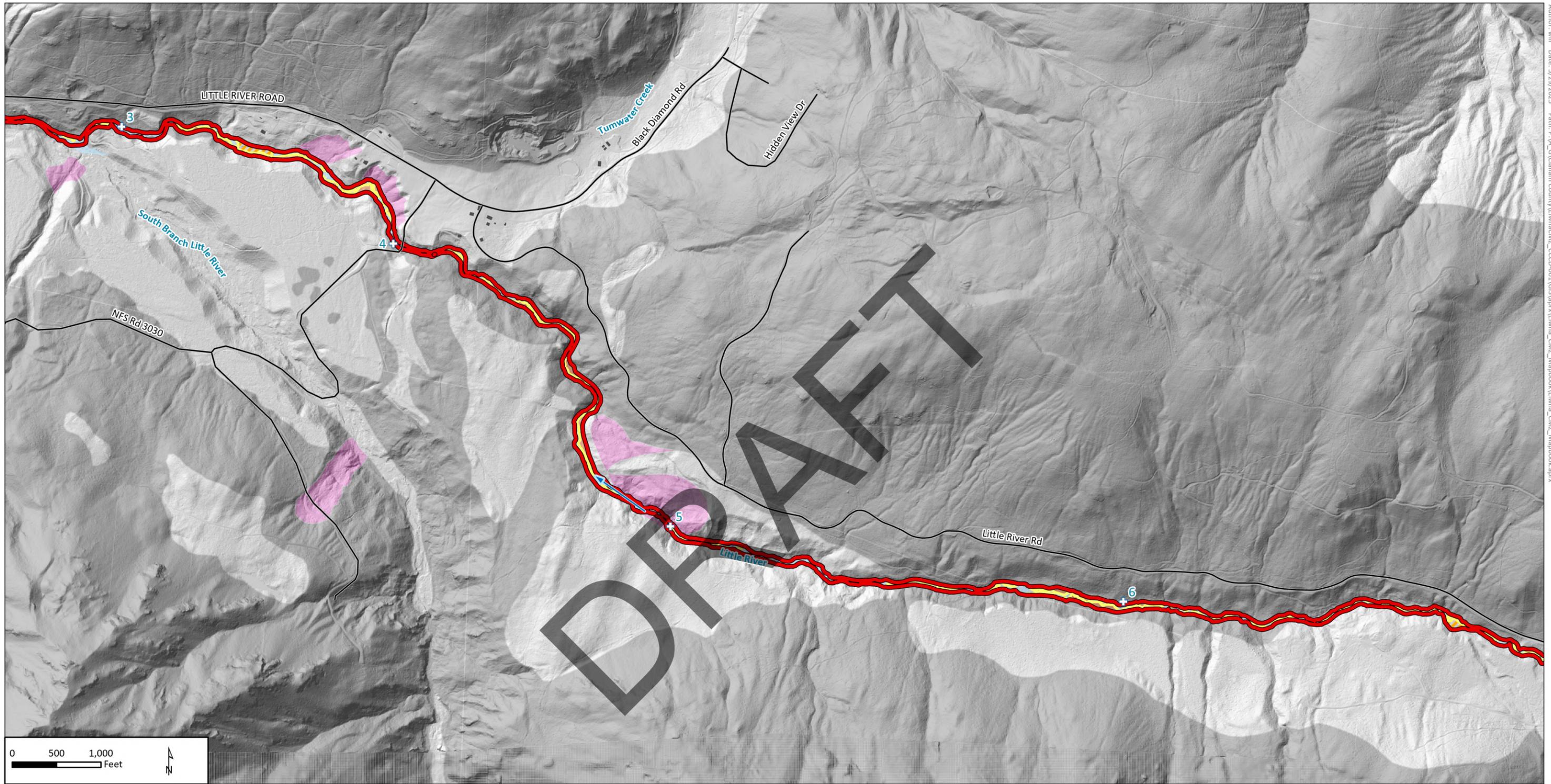


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|-----------------------------|-----------------------------|---------------------|
| River Miles                 | Alluvial Fan                | Reach Breaks        |
| Federal Levees              | Avulsion Hazard Zone        | CMZ Boundary        |
| State Highways              | Erosion Setback Area        | 2018 Active Channel |
| Other Roads                 | Geotechnical Setback        |                     |
| Buildings                   | Historical Migration Zone   |                     |
| WGS Mapped Bedrock          | Disconnected Migration Area |                     |
| WGS Mapped Landslides       |                             |                     |
| Potentially Unstable Slopes |                             |                     |

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 May 29, 2025

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 River Miles: USGS / WDFW  
 Levees: USACE  
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**Elwha River CMZ** Page 8 of 9  
**CMZ Detail**  
**Little River 2**



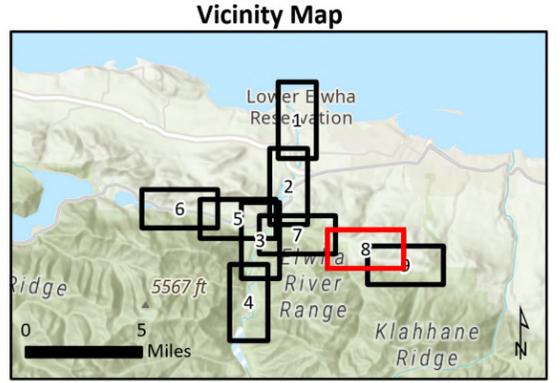
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| River Miles                 | Alluvial Fan                | Reach Breaks        |
| Federal Levees              | Avulsion Hazard Zone        | CMZ Boundary        |
| State Highways              | Erosion Setback Area        | 2018 Active Channel |
| Other Roads                 | Geotechnical Setback        |                     |
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| WGS Mapped Bedrock          | Disconnected Migration Area |                     |
| WGS Mapped Landslides       |                             |                     |
| Potentially Unstable Slopes |                             |                     |



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**Elwha River CMZ** Page 9 of 9  
**CMZ Detail**  
**Little River 3**



- |                             |                             |                     |
|-----------------------------|-----------------------------|---------------------|
| River Miles                 | Alluvial Fan                | Reach Breaks        |
| Federal Levees              | Avulsion Hazard Zone        | CMZ Boundary        |
| State Highways              | Erosion Setback Area        | 2018 Active Channel |
| Other Roads                 | Geotechnical Setback        |                     |
| Buildings                   | Historical Migration Zone   |                     |
| WGS Mapped Bedrock          | Disconnected Migration Area |                     |
| WGS Mapped Landslides       |                             |                     |
| Potentially Unstable Slopes |                             |                     |

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