

ABANDONED URANIUM MINES AND THE NAVAJO NATION
Navajo Nation AUM Screening Assessment Report

NORTHERN AUM REGION COMBINED PATHWAYS - MAP INDEX

Sources

Abandoned uranium mine areas are primarily from the Navajo Abandoned Mine Lands Reclamation Program (NAMLRP) and augmented by several other sources. The Navajo Nation and Chapter boundaries are from the Navajo Land Department. Hydrographic data for streams are from the U.S. Geological Survey (USGS) National Hydrographic Dataset. Buffers were generated by TerraSpectra Geomatics. Map index figure outlines are approximate.

Map Index Area Designations

- | | |
|--------------------------|---------------------------|
| Figure | |
| 22 - North Central Aneth | 28 - Southwest Sweetwater |
| 23 - Northwest Red Mesa | 29 - West Carrizo |
| 24 - North Teec Nos Pos | 30 - East Carrizo |
| 25 - South Red Mesa | 31 - Shiprock |
| 26 - Tse Tah | 32 - Lukachukai |
| 27 - Northeast Carrizo | 33 - Chuska |

Legend

- Northern AUM Region
- Abandoned Uranium Mine
- Mine Buffers
- 1/4 Mile
- 1 Mile
- 4 Miles
- 15 Miles
- Highways

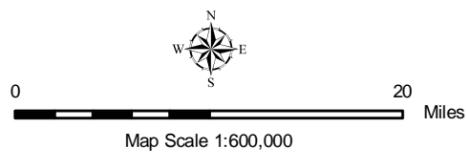
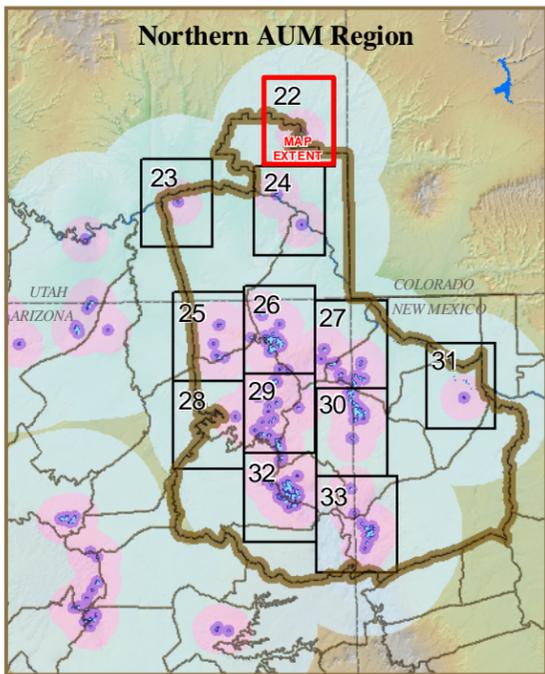
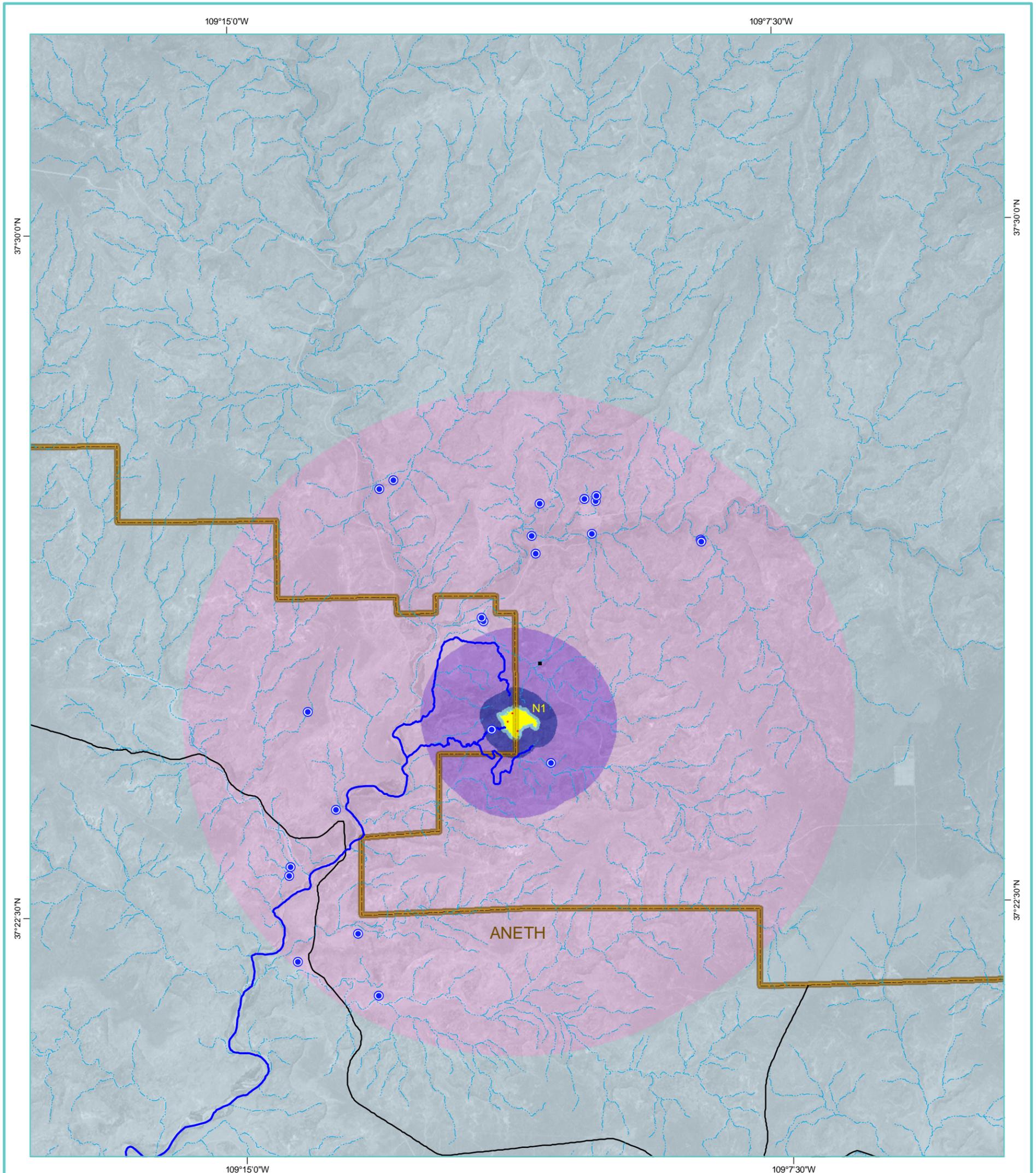
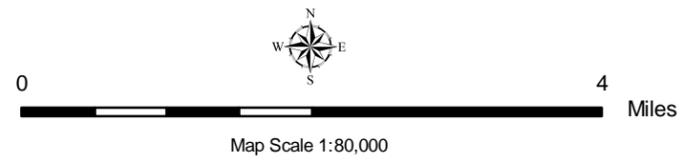


Figure 21. Northern AUM Region Combined Pathways Map Figure Index.



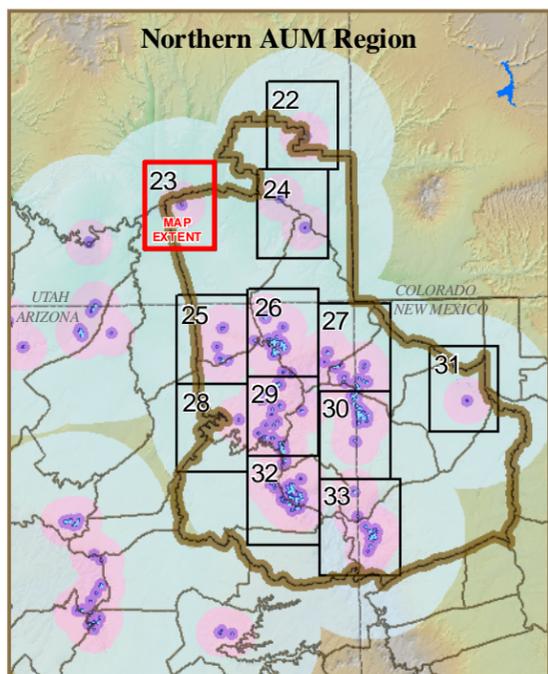
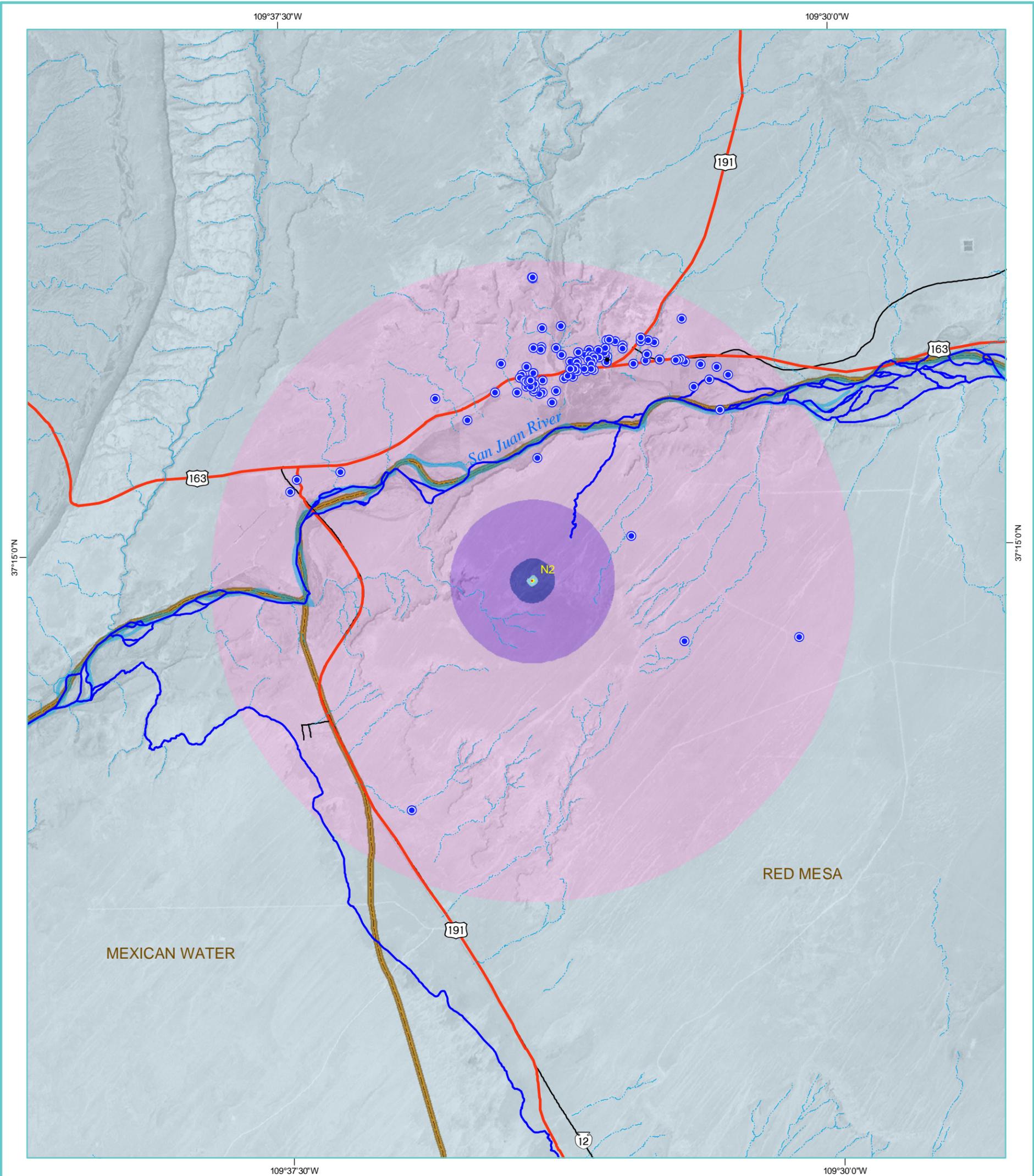
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COMBINED PATHWAYS - NORTH CENTRAL ANETH



- Legend**
- MAP-ID
 - Downstream Water Pathway
 - Abandoned Uranium Mine
 - Mine Feature
 - Intermittent Stream
 - Mine Buffers
 - Structure within 1 Mile
 - Northern AUM Region
 - 200 Feet
 - Well within 4 Miles
 - Chapter
 - 1/4 Mile
 - Paved Road
 - 1 Mile
 - 4 Miles
 - 15 Miles

Figure 22. Combined Pathways in the North Central Aneth Area.



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COMBINED PATHWAYS - NORTHWEST RED MESA

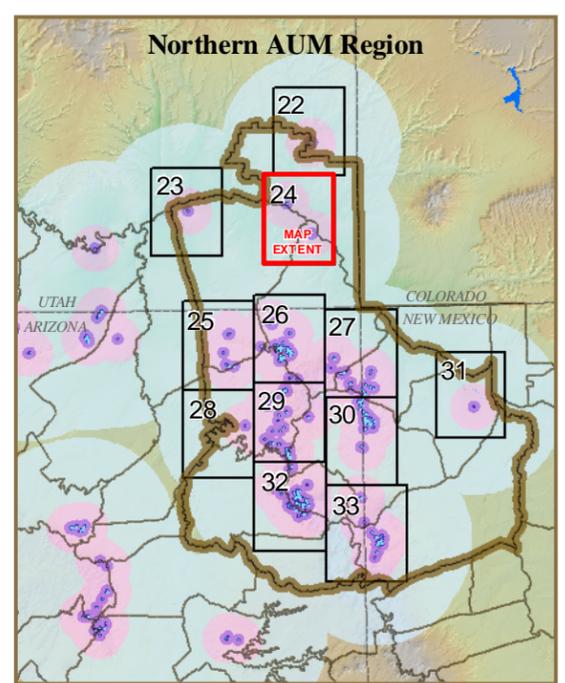
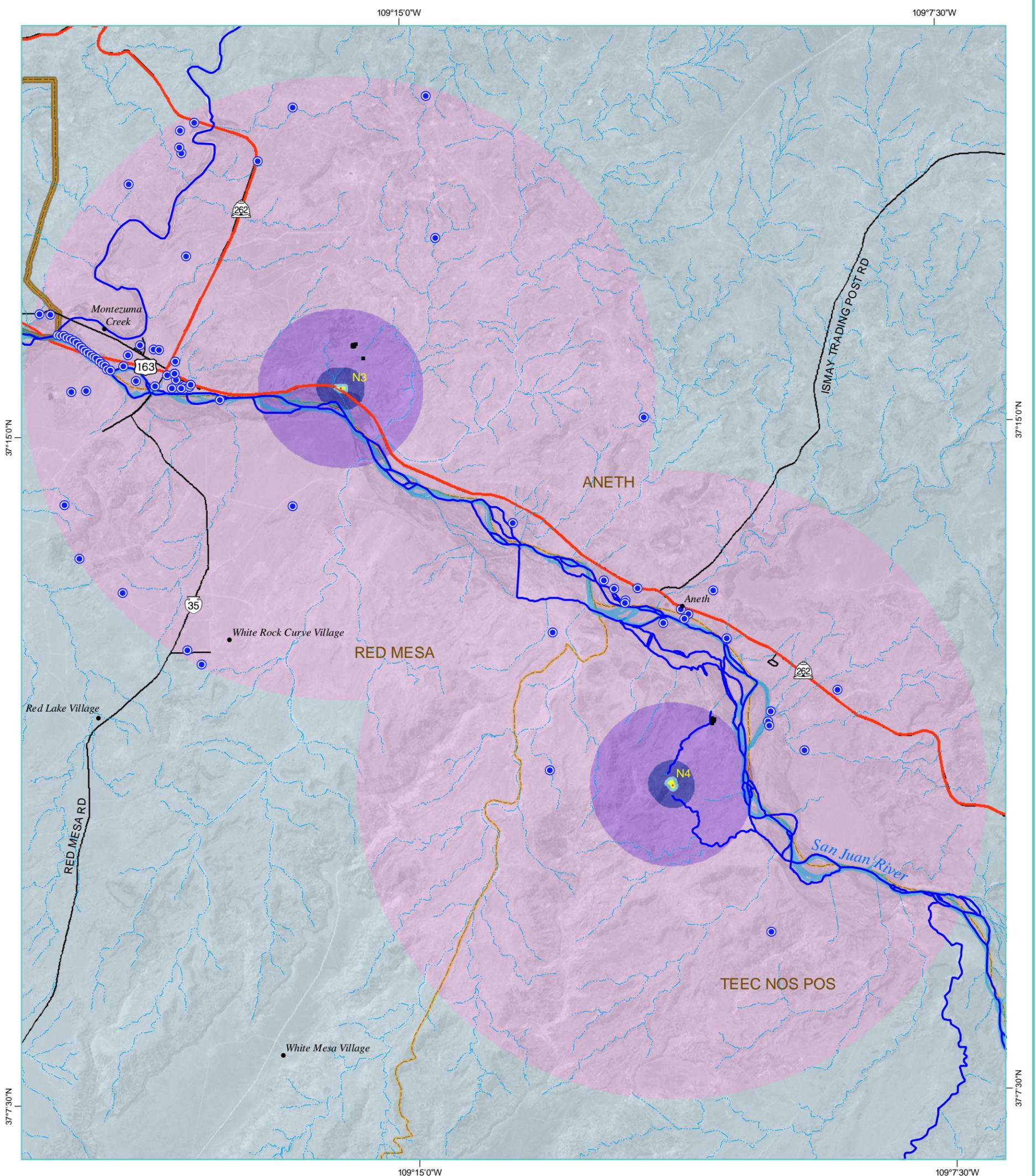


Map Scale 1:80,000

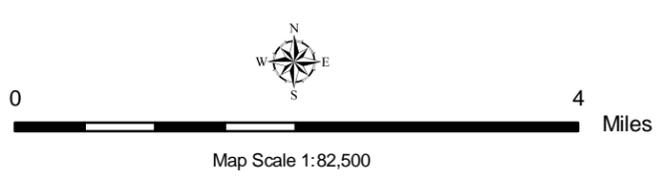
Legend

- | | | |
|-------------------------|--------------------------|------------------------|
| MAP-ID | Downstream Water Pathway | Abandoned Uranium Mine |
| Mine Feature | Perennial Stream | Mine Buffers |
| Structure within 1 Mile | Intermittent Stream | 200 Feet |
| Well within 4 Miles | Northern AUM Region | 1/4 Mile |
| | Chapter | 1 Mile |
| | Highway | 4 Miles |
| | Paved Road | 15 Miles |

Figure 23. Combined Pathways in the Northwest Red Mesa Area.

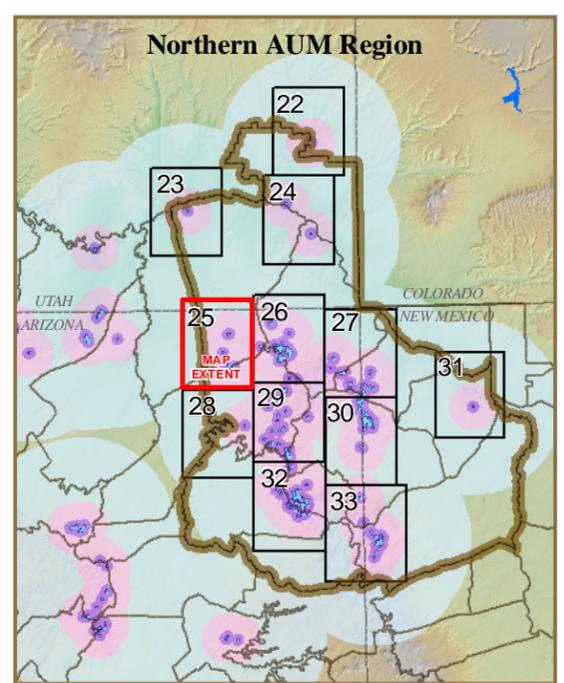
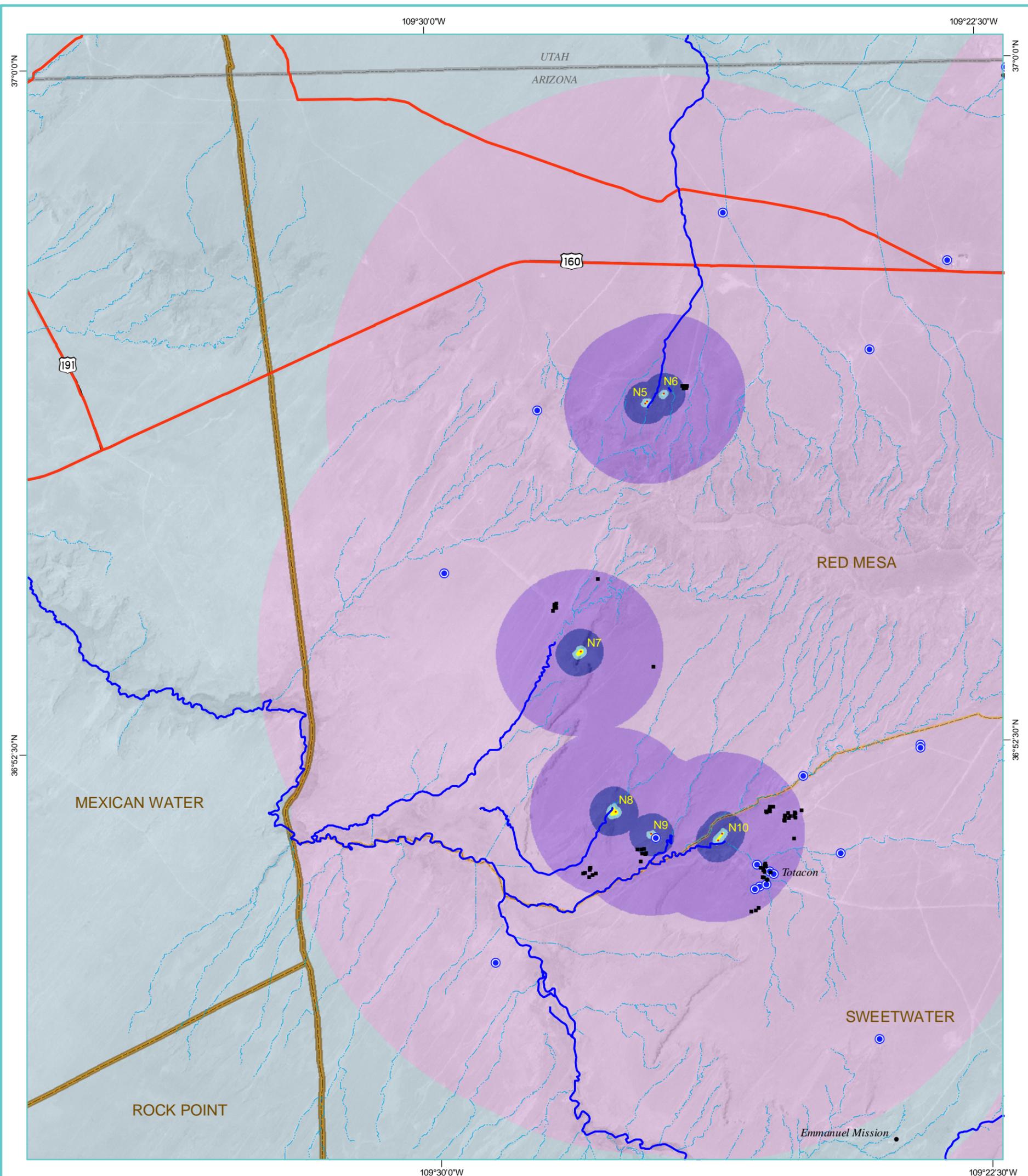


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COMBINED PATHWAYS - NORTH TEEC NOS POS



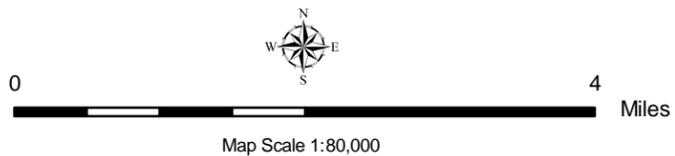
- Legend**
- MAP-ID
 - Downstream Water Pathway
 - Abandoned Uranium Mine
 - Mine Feature
 - Perennial Stream
 - Mine Buffers
 - Structure within 1 Mile
 - Intermittent Stream
 - 200 Feet
 - Well within 4 Miles
 - Northern AUM Region
 - 1/4 Mile
 - Chapter
 - 1 Mile
 - Highway
 - 4 Miles
 - Paved Road
 - 15 Miles

Figure 24. Combined Pathways in the North Teec Nos Pos Area.



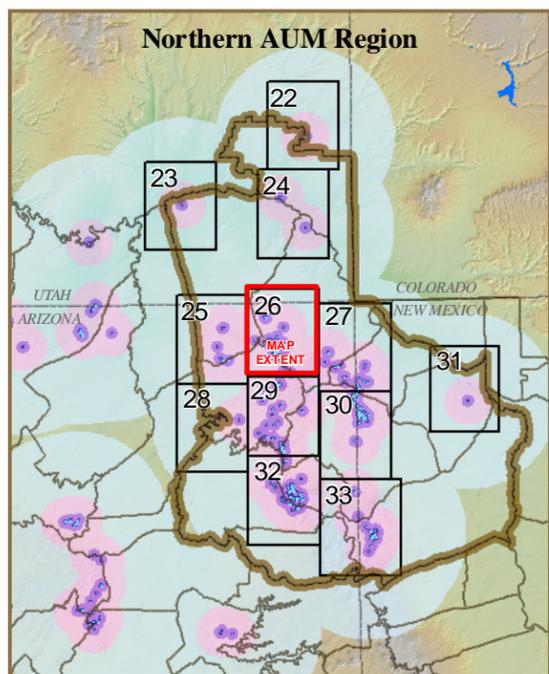
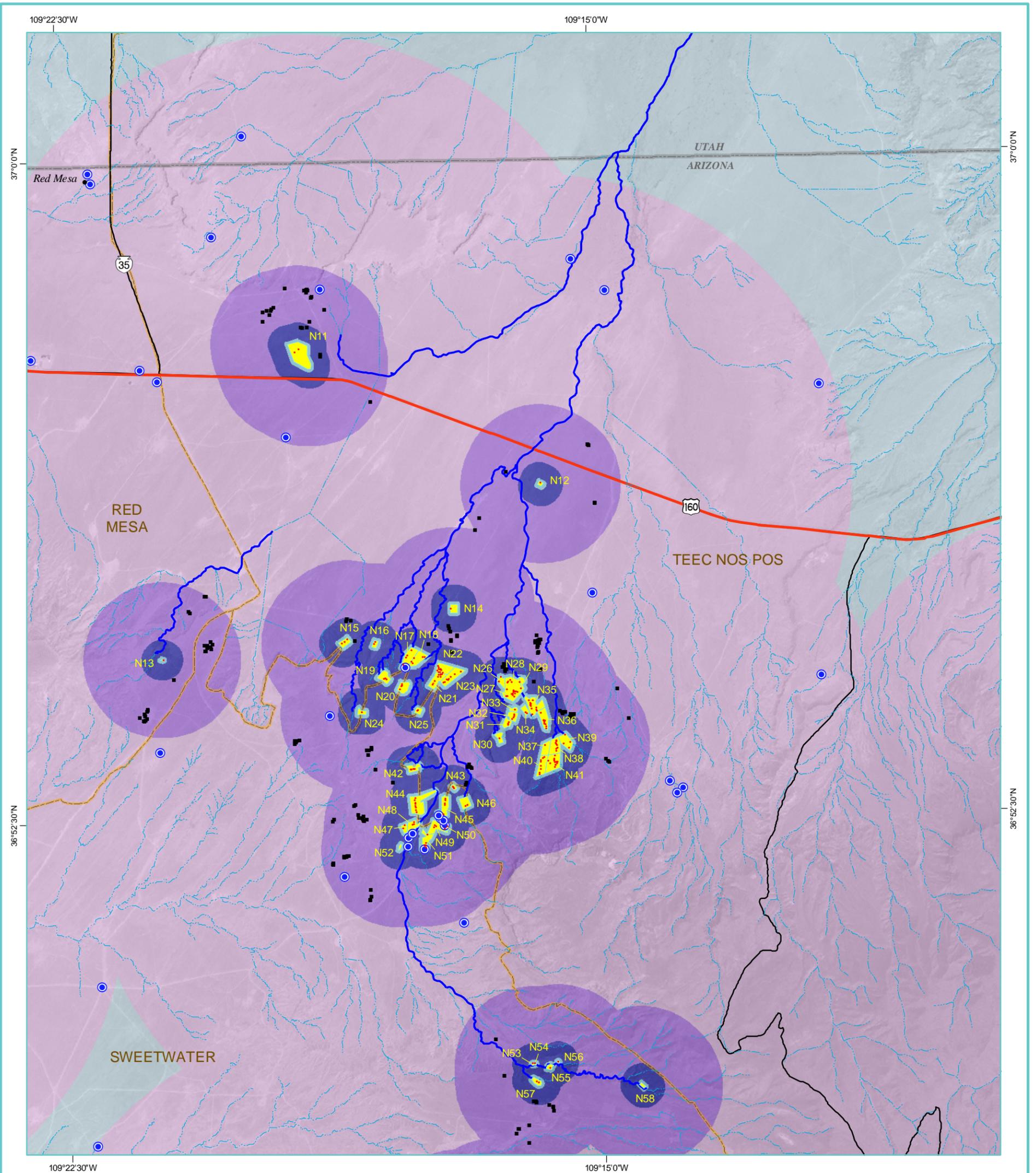
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COMBINED PATHWAYS - SOUTH RED MESA



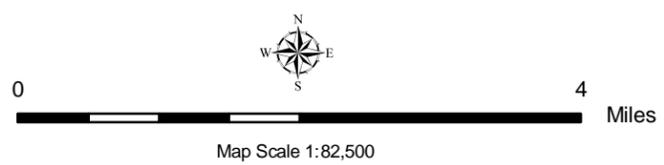
- Legend**
- MAP-ID
 - Downstream Water Pathway
 - Abandoned Uranium Mine
 - Mine Feature
 - Intermittent Stream
 - Mine Buffers
 - Structure within 1 Mile
 - Northern AUM Region
 - 200 Feet
 - Well within 4 Miles
 - Chapter
 - 1/4 Mile
 - State
 - 1 Mile
 - Highway
 - 4 Miles
 - 15 Miles

Figure 25. Combined Pathways in the South Red Mesa Area.



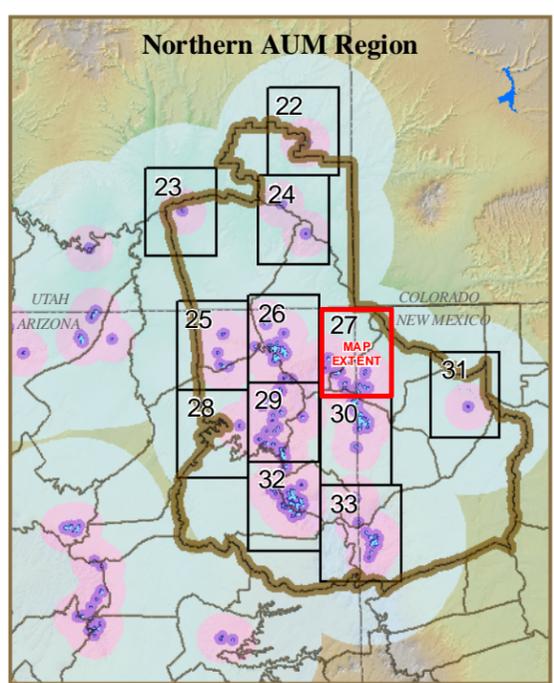
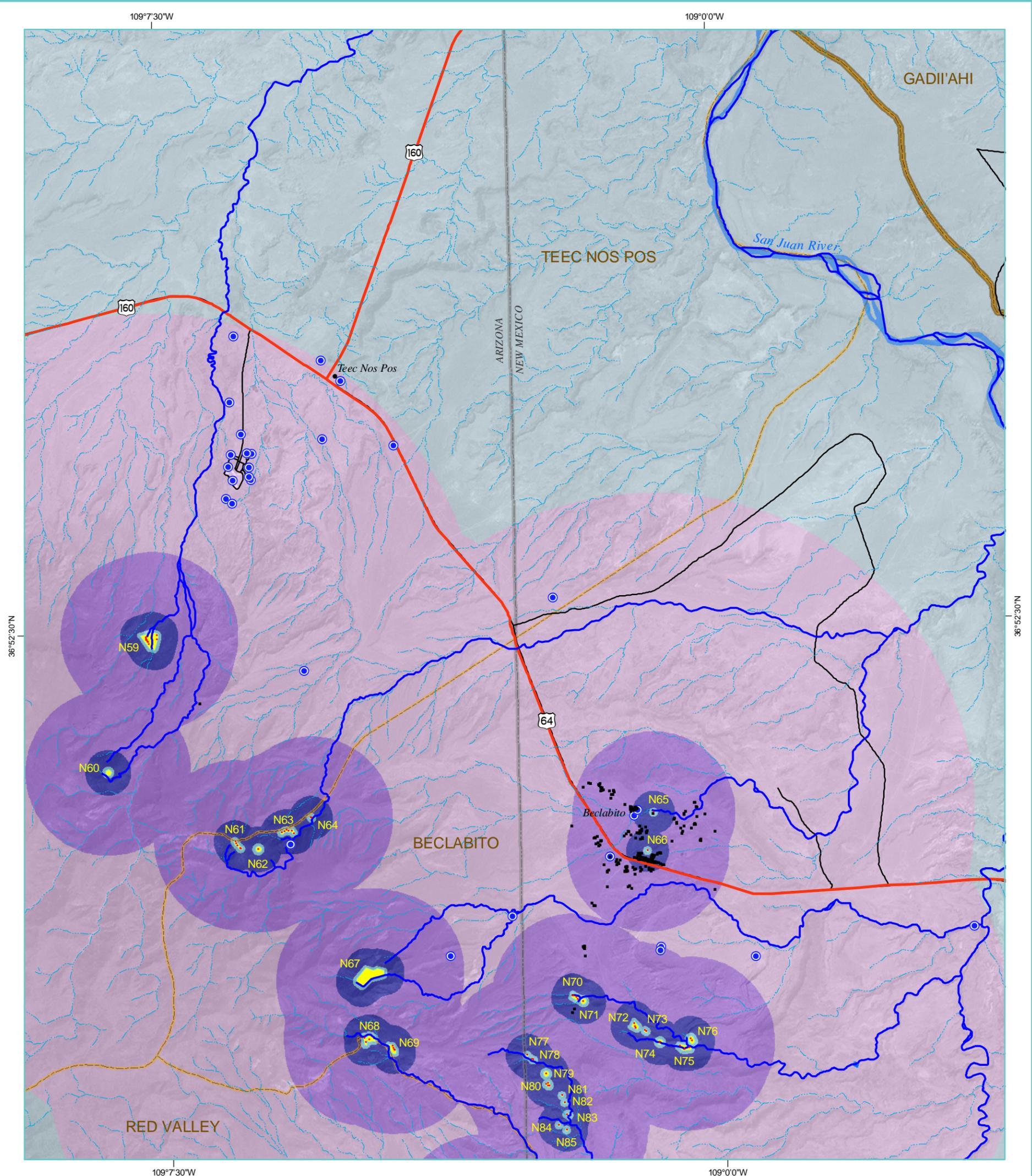
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COMBINED PATHWAYS - TSE TAH



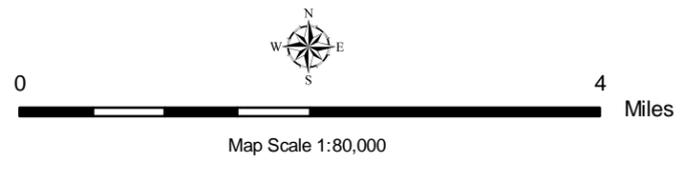
- Legend**
- MAP-ID
 - Mine Feature
 - Structure within 1 Mile
 - Well within 4 Miles
 - Downstream Water Pathway
 - Intermittent Stream
 - Northern AUM Region
 - Chapter
 - State
 - Highway
 - Paved Road
 - Abandoned Uranium Mine
 - Mine Buffers
200 Feet
 - 1/4 Mile
 - 1 Mile
 - 4 Miles
 - 15 Miles

Figure 26. Combined Pathways in the Tse Tah Area.



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COMBINED PATHWAYS - NORTHEAST CARRIZO



- | | | |
|-------------------------|--------------------------|------------------------|
| MAP-ID | Downstream Water Pathway | Abandoned Uranium Mine |
| Mine Feature | Perennial Stream | Mine Buffers |
| Structure within 1 Mile | Intermittent Stream | 200 Feet |
| Well within 4 Miles | Northern AUM Region | 1/4 Mile |
| | Chapter | 1 Mile |
| | State | 4 Miles |
| | Highway | 15 Miles |
| | Paved Road | |

Figure 27. Combined Pathways in the Northeast Carrizo Area.

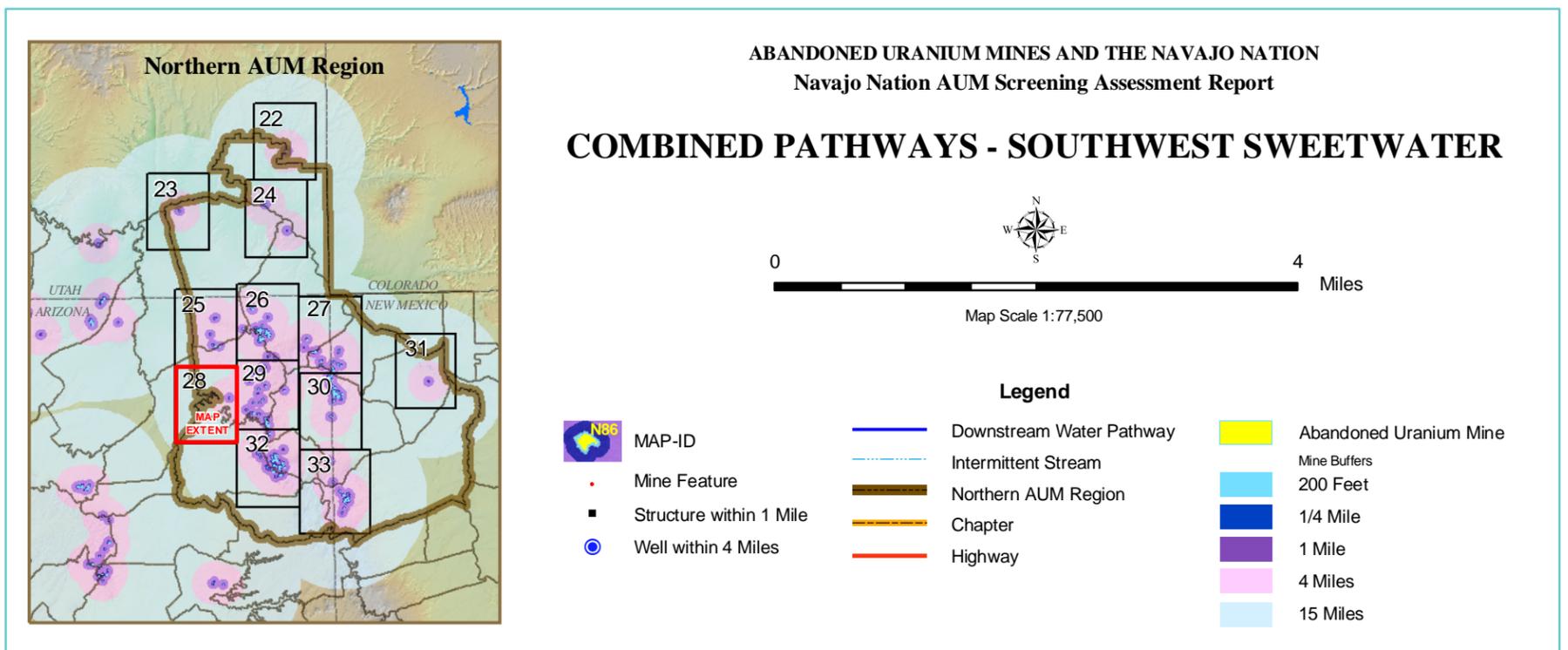
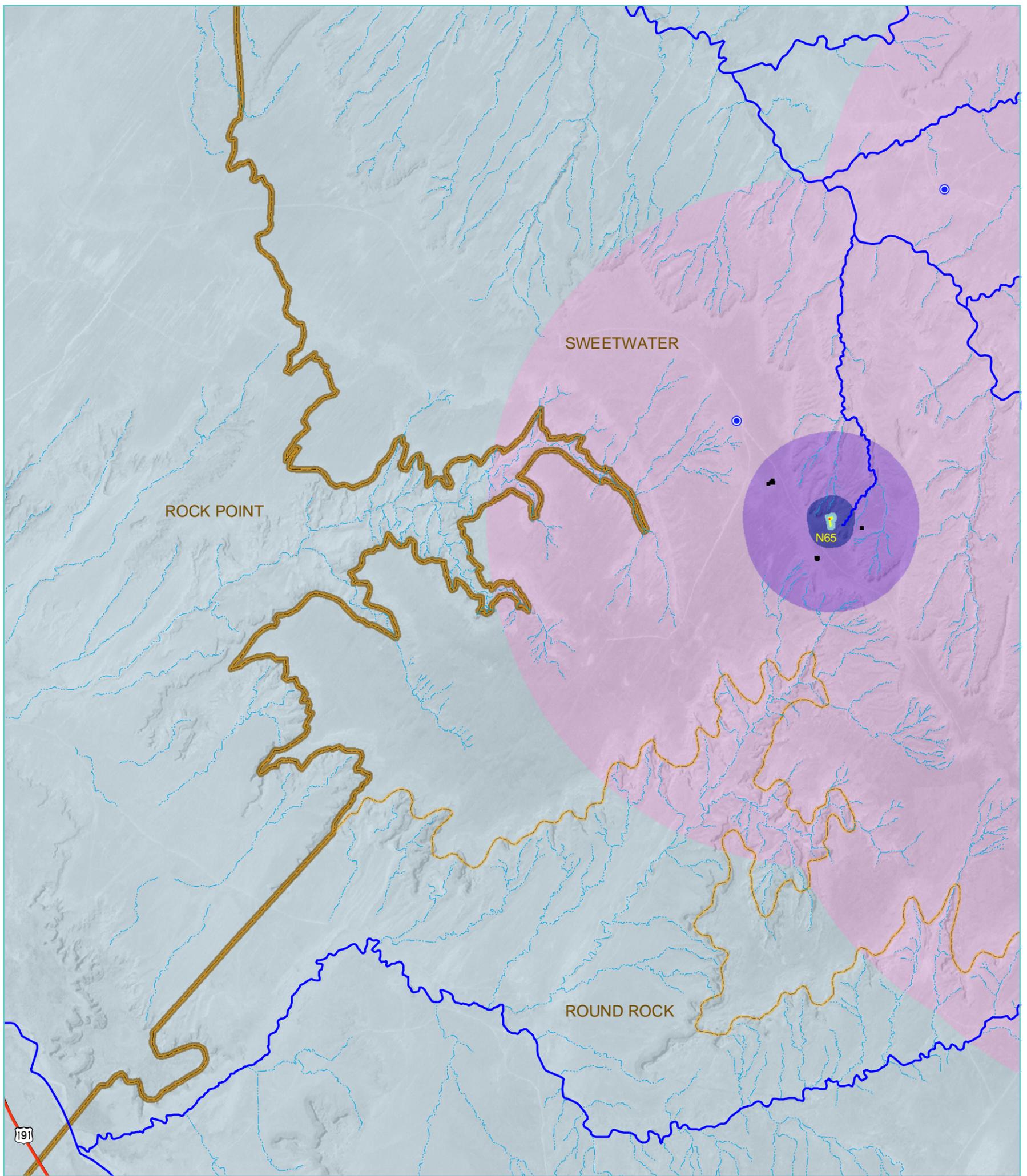


Figure 28. Combined Pathways in the Southwest Sweetwater Area.