

**Project Facilities**

- ▲ Powerhouse
- Dam
- - - Tunnel
- == Penstock

**Transportation**

- Major Road
- Minor Road

**Hydrography**

- Watercourse
- Water Body
- Middle Fork American River Watershed\*

\*Modified from Calwater Ver. 2.2 to represent drainage above high-water mark of Folsom Lake

**Elevation**

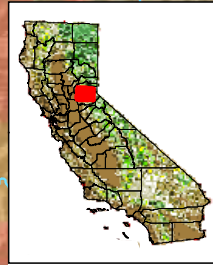
- <1000'
- 1000' - 2000'
- 2000' - 3000'
- 3000' - 4000'
- 4000' - 5000'
- 5000' - 6000'
- 6000' - 7000'
- 7000' - 8000'
- 8000' - 9000'
- 9000' - 10,000'
- 10000'+



Placer County Water Agency  
Middle Fork American River Project

Map 7.2-1

**Topography in the Middle Fork American River Watershed**



0 1 2 3 4 5  
Miles

Projection: CA State Plane, Zone 2  
Datum: NAD 83

Date: 9/7/10

### Underlying Geology

- Glacial Deposits
- Talus
- Mehrten
- Tertiary Volcanic Rhyolite
- Sierra Nevada Batholith and Associated Plutons
- Ultramafic
- Clipper Gap Formation
- Mariposa
- Undifferentiated Gabbro
- Shoo-Fly Complex
- Calaveras Complex-Sedimentary
- Calaveras Complex-Volcanics

### Project Facilities

- Powerhouse
- Dam
- Tunnel
- Penstock

### Transportation

- Major Road
- Minor Road

### Hydrography

#### River Stationing

- 5 Mile
- 1 Mile

- Watercourse
- Water Body
- Middle Fork American River Watershed\*

\*Modified from Calwater Ver. 2.2 to represent drainage above high-water mark of Folsom Lake

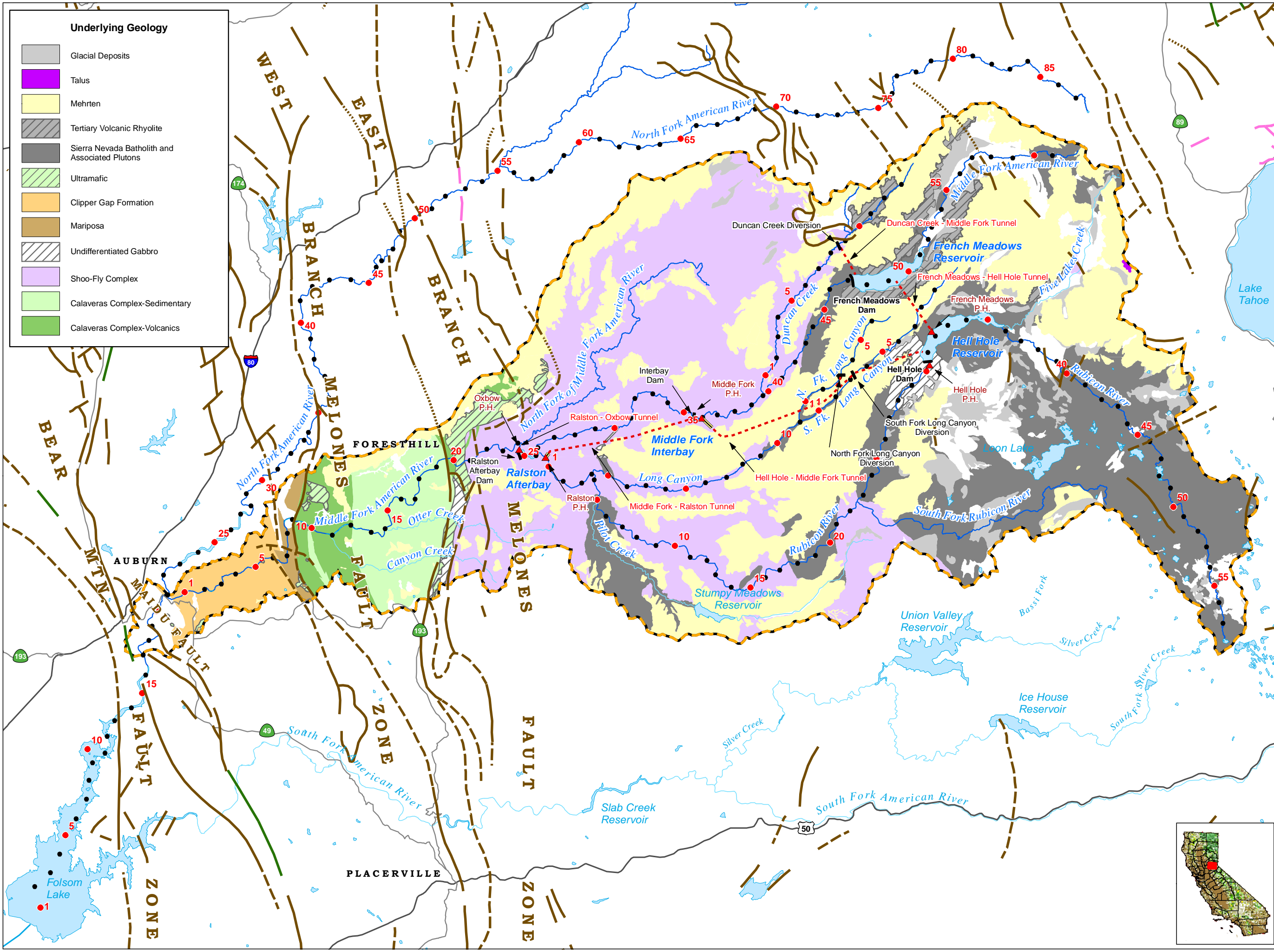

### Fault Data - Accuracy\*\*

- Well Located
- Approximately Located or Inferred
- Concealed

### Fault Data - Period\*\*


- Late Quaternary Displacement
- Quaternary Displacement
- Pre-Quaternary Displacement

\*\*DATA SOURCE:  
Modified from, (California Department of Conservation) Division of Mines and Geology, CD-ROM 2000-006 (2000), Digital database of faults from the Fault Activity Map of California and Adjacent Areas

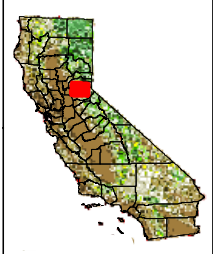



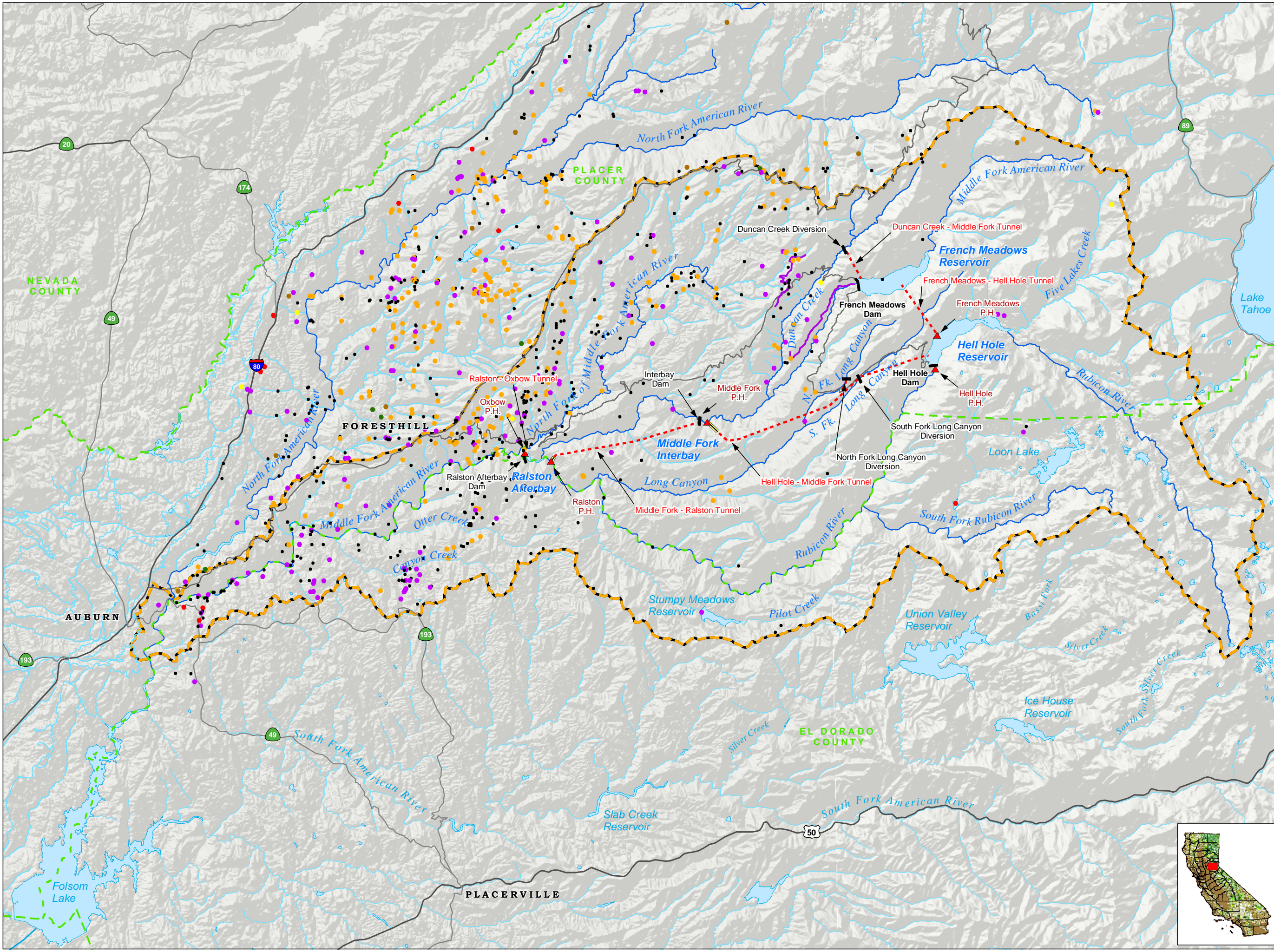
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Middle Fork American River Project  
Map 7.2-2

### Geology in the Middle Fork American River Watershed



Projection: CA State Plane, Zone 2  
Datum: NAD 83  
Date: 9/7/10





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- ▲ Powerhouse
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- == Penstock

**Transportation**

- Major Road
- Minor Road

**Hydrography**

- Watercourse
- Water Body
- Middle Fork American River Watershed\*

**Designated Boundary**

- County Boundary

**Mine Status\*\***

- Developed Deposit
- Experimental Prospect
- Mineral Location
- Past Producer
- Producer
- Raw Prospect
- Unknown / Other

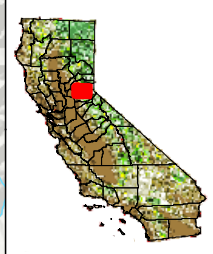
\*Modified from Calwater Ver. 2.2 to represent drainage above high-water mark of Folsom Lake

\*\*SOURCE: Tahoe and Eldorado Natl. Forests



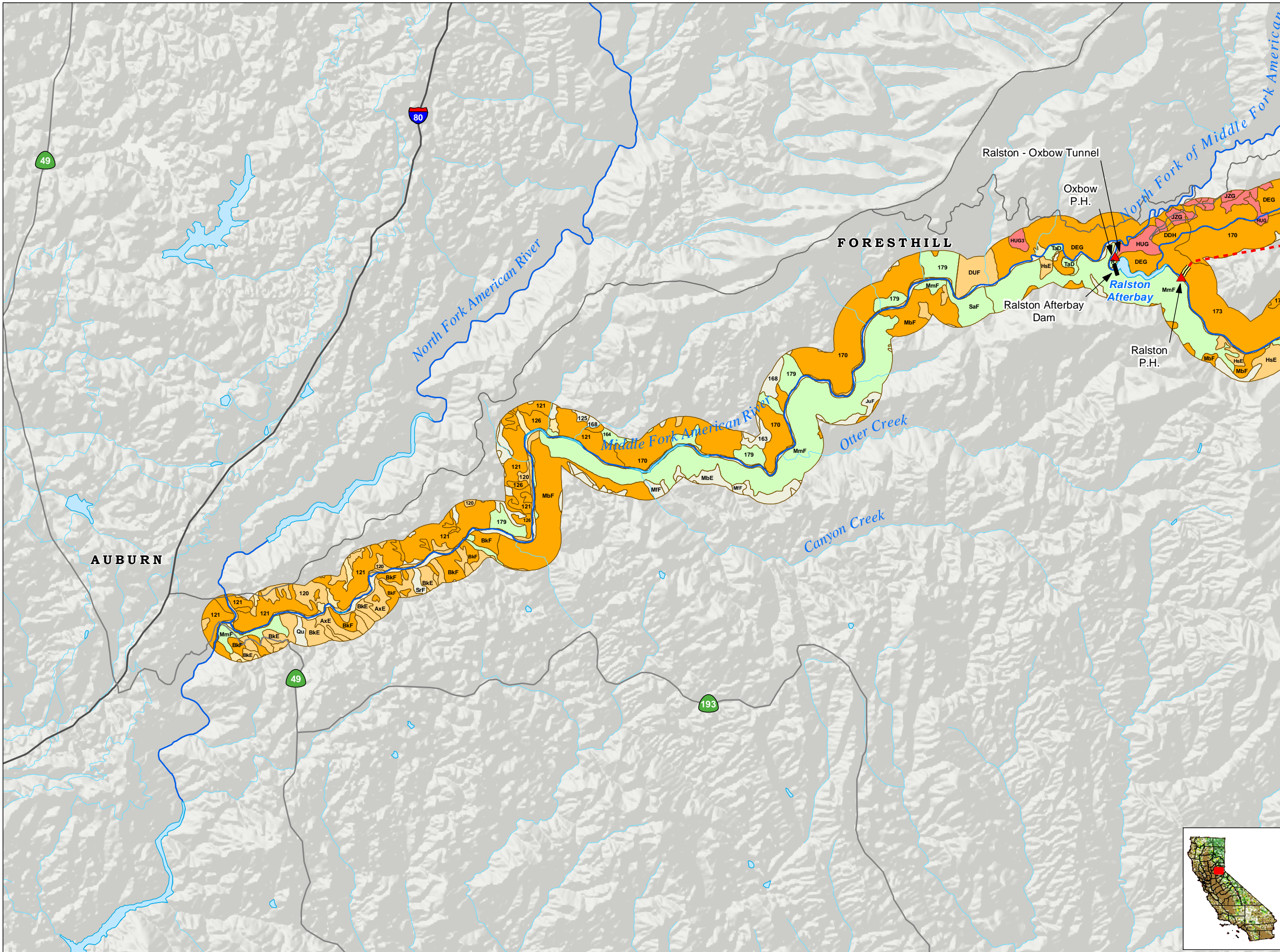
Placer County Water Agency  
Middle Fork American River Project

Map 7.2-3  
**Historic and Current Mining Activity in the Middle Fork American River Watershed**



Scale: 0 1 2 3 4 5 Miles

Projection: CA State Plane, Zone 2  
Datum: NAD 83  
Date: 9/7/10



**Project Facilities**

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- - - Tunnel
- ==== Penstock

**Transportation**

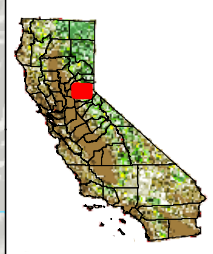
- Major Road
- Minor Road

**Hydrography**

- Watercourse
- Water Body

**Soil Stability Rating**

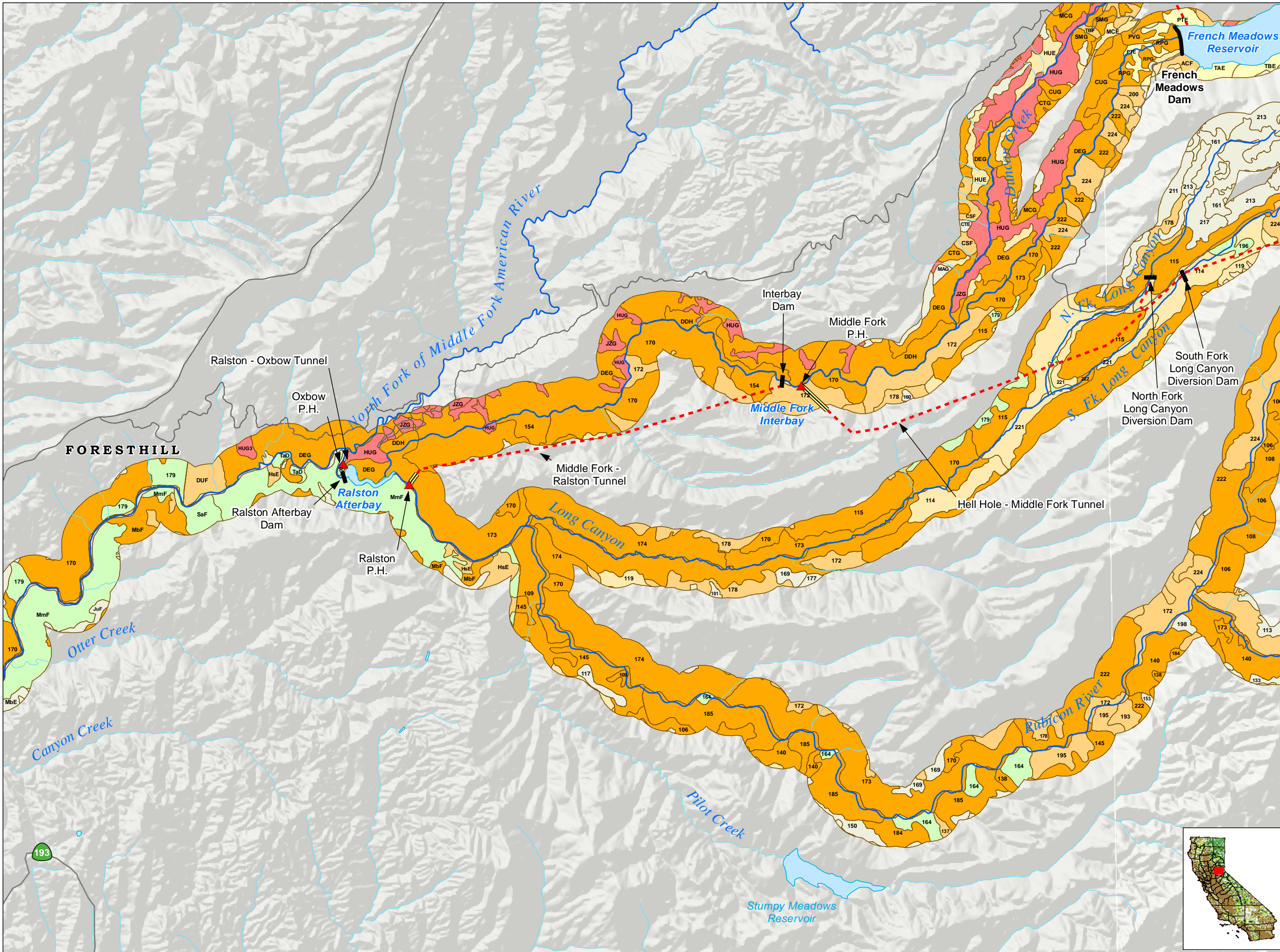
- Severe to Very Severe - Slope/Severely Eroded
- Severe to Very Severe
- Severe
- Moderate to Severe
- Moderate
- Not Rated
- Not Evaluated



**PCWA**  
Placer County Water Agency  
Middle Fork American River Project  
Map 7.2-4a  
**Soil Types and Stability**  
(Sheet 1 of 3)

0 1 2  
Miles

Projection: CA State Plane, Zone 2  
Datum: NAD 83  
Date: 9/7/10



**Project Facilities**

- ▲ Powerhouse
- ▬ Dam
- - - - Tunnel
- ▬▬ Penstock

**Transportation**

- ▬ Major Road
- ▬ Minor Road

**Hydrography**

- ▬ Watercourse
- ▭ Water Body

**Soil Stability Rating**

- Red: Severe to Very Severe - Slope/Severely Eroded
- Orange: Severe to Very Severe
- Light Orange: Severe
- Yellow-Orange: Moderate to Severe
- Yellow: Moderate
- Light Green: Not Rated
- White: Not Evaluated

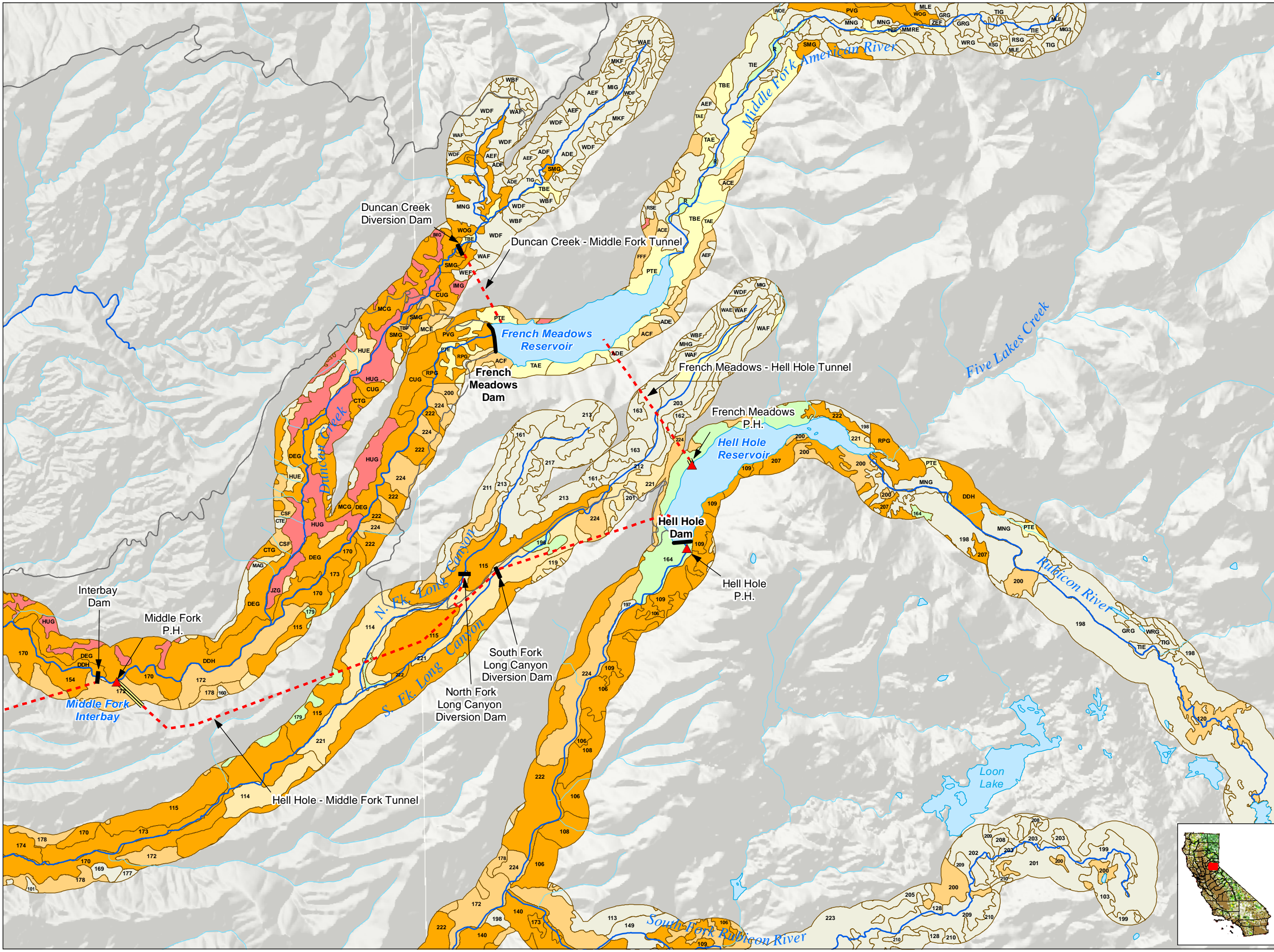
**PCWA**  
Placer County Water Agency  
Middle Fork American River Project

**Map 7.2-4b**  
**Soil Types and Stability**  
(Sheet 2 of 3)

0 1 2  
Miles

Projection: CA State Plane, Zone 2  
Datum: NAD 83

Date: 9/7/10



**Project Facilities**

- ▲ Powerhouse
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- Tunnel
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**Transportation**

- Major Road
- Minor Road

**Hydrography**

- Watercourse
- Water Body

**Soil Stability Rating**

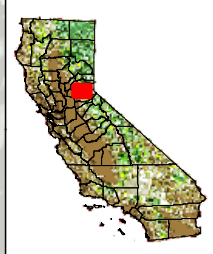
- Severe to Very Severe - Slope/Severely Eroded
- Severe to Very Severe
- Severe
- Moderate to Severe
- Moderate
- Not Rated
- Not Evaluated



Placer County Water Agency  
Middle Fork American River Project

Map 7.2-4c

**Soil Types and Stability**  
(Sheet 3 of 3)



0 1 2  
Miles

Projection: CA State Plane, Zone 2  
Datum: NAD 83

Date: 9/7/10