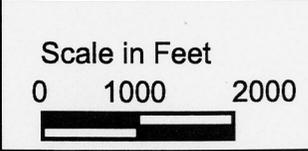


Map Legend

- 55 Soil Unit and Designations; See Table 2 for Soil Descriptions
- 257 Soil Unit and Designations; See Table 2 for Soil Descriptions
- Pond
- Wetland/Pond
- Landslide Hazard Area (See Note 2)
- Soil Erosion Hazard**
- Severe
- Moderate
- Slight
- Landslide Hazard**
- Deep-seated
- Shallow
- Existing Substations
- Proposed Transmission Lines
- Existing Transmission Lines
- River / Stream
- Interstate System Roadway
- State Route
- Paved Road or Improved Gravel Road
- Unimproved Gravel Road
- Contour with elevation; 40 ft intervals
- 24 Section Number



- Notes:**
- 1) Soil mapping adapted from Soil Conservation Service, 1992
 - 2) Landslide hazard areas adapted from Frizell et al, 1984 and from King County Sensitive Areas Map, 09/17/1997

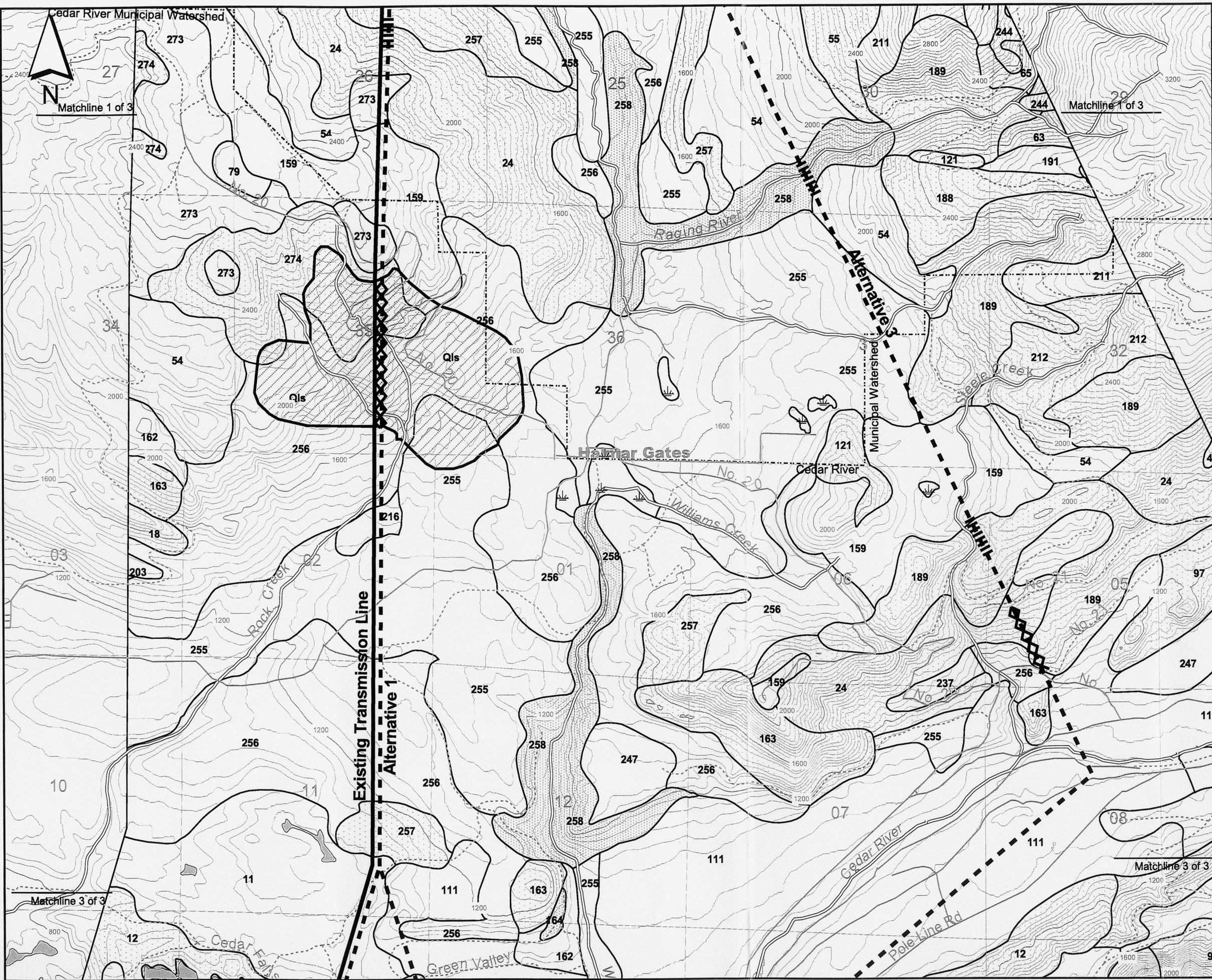
Bonneville Power Administration
Kangley-Echo Lake
Transmission Project

**SOIL MAP
NORTHERN SECTION**

January 2001 21-1-09189-001

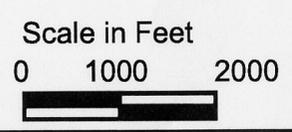
SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 5
Sheet 1 of 3



Map Legend

- 55 Soil Unit and Designations; See Table 2 for Soil Descriptions
- Pond
- Wetland/Pond
- Landslide Hazard Area (See note 2)
- Soil Erosion Hazard**
 - Severe
 - Moderate
 - Slight
- Landslide Hazard**
 - Deep-seated
 - Shallow
- Existing Substations
- Proposed Transmission Lines
- Existing Transmission Lines
- River / Stream
- Interstate System Roadway
- State Route
- Paved Road or Improved Gravel Road
- Unimproved Gravel Road
- Contour with elevation; 40 ft intervals
- 24 Section Number

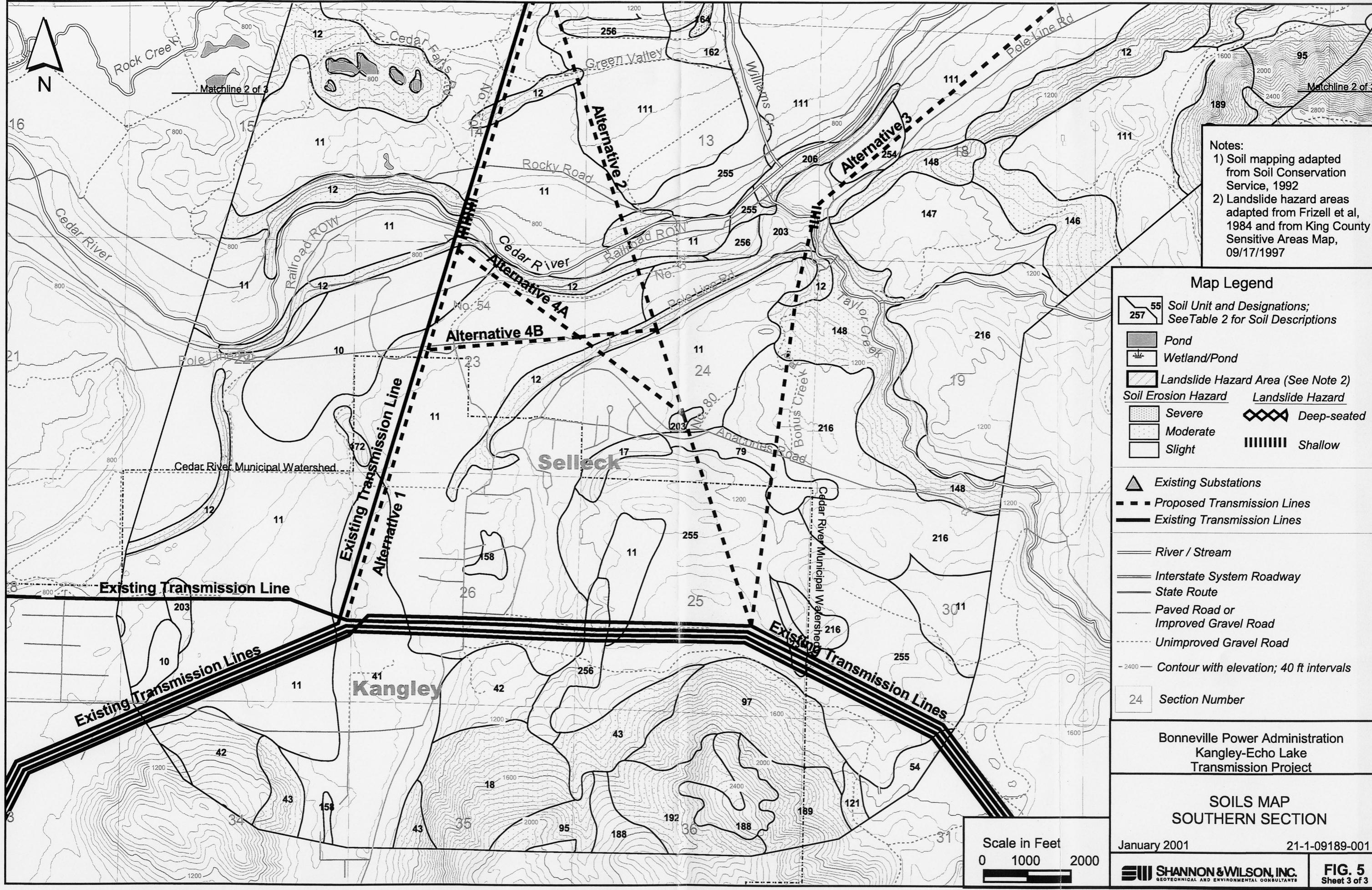


- Notes:**
- 1) Soil mapping adapted from Soil Conservation Service, 1992
 - 2) Landslide hazard areas adapted from Frizell et al, 1984 and from King County Sensitive Areas Map, 09/17/1997

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Transmission Project

**SOILS MAP
CENTRAL SECTION**

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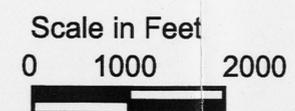
Notes:
 1) Soil mapping adapted from Soil Conservation Service, 1992
 2) Landslide hazard areas adapted from Frizell et al, 1984 and from King County Sensitive Areas Map, 09/17/1997

Map Legend

- 55 Soil Unit and Designations; See Table 2 for Soil Descriptions
- Pond
- Wetland/Pond
- Landslide Hazard Area (See Note 2)
- Soil Erosion Hazard**
- Severe
- Moderate
- Slight
- Landslide Hazard**
- Deep-seated
- Shallow
- Existing Substations
- Proposed Transmission Lines
- Existing Transmission Lines
- River / Stream
- Interstate System Roadway
- State Route
- Paved Road or Improved Gravel Road
- Unimproved Gravel Road
- Contour with elevation; 40 ft intervals
- 24 Section Number

Bonneville Power Administration
 Kangley-Echo Lake
 Transmission Project

**SOILS MAP
 SOUTHERN SECTION**



January 2001 21-1-09189-001