

**Legend:**

**Slope Gradient    Landslide Data**

**Percent**

- 0 to 15
- 15 to 40
- Greater Than 40

- 1996/97 Landslides (Hofmeister, 2000)
- Landslide Topography (Schlicker and Others, 1967; Schlicker and Finlayson, 1979)
- Potential Areas of Rapidly Moving Landslides (Hofmeister and Others, 2002)
- Areas of Shallow Bedrock
- Study Area

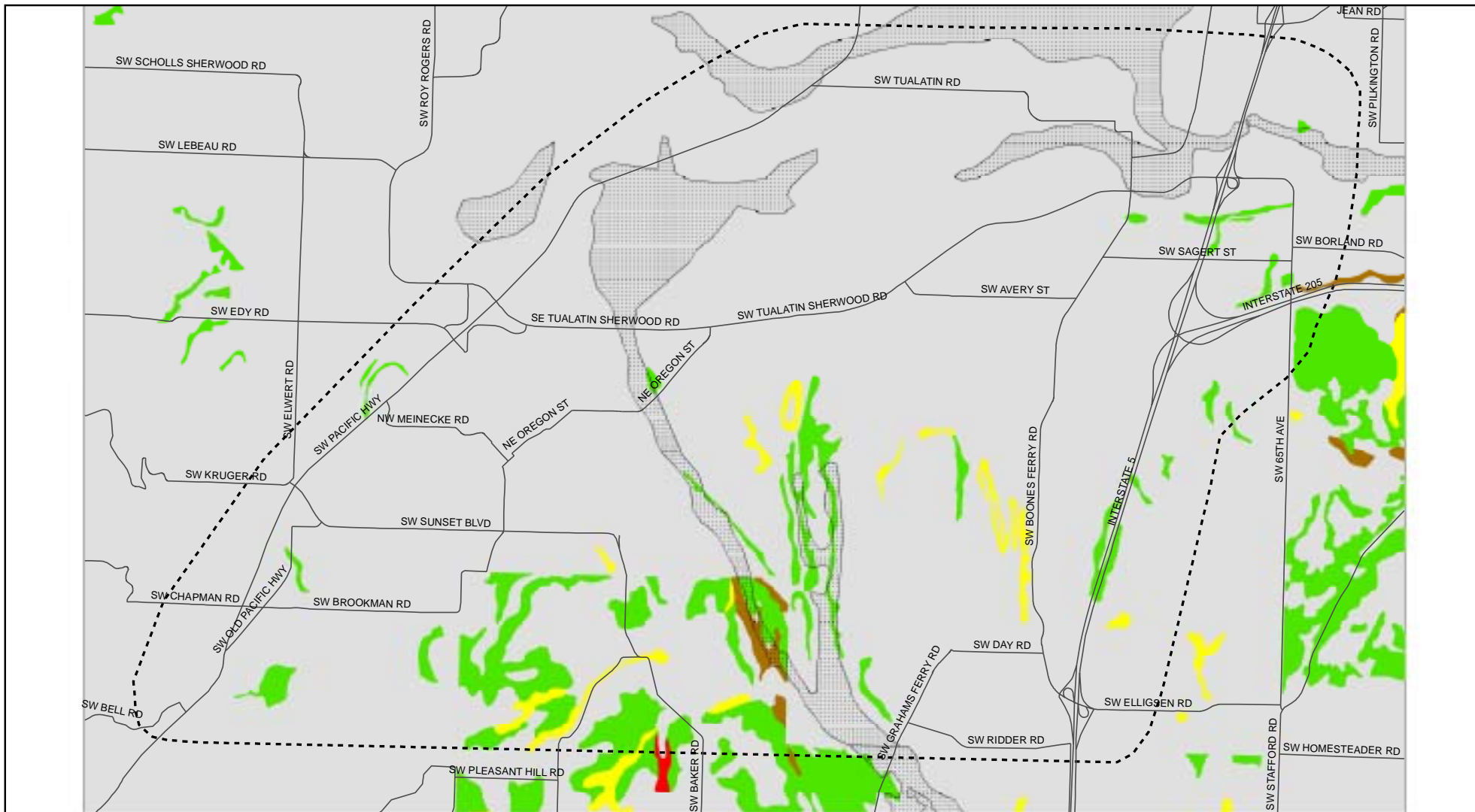


**FIGURE 2-14**

*Landslide Hazards and Shallow Bedrock Areas*

*April 2006*

**Source Info:**  
GIS data from DOGAMI and GeoDesign, 2006.



1 inch equals 3,000 feet

0 1,500 3,000 6,000

Feet

**Source Info:**  
GIS data from NRCS and GeoDesign, 2006.

**Legend:**

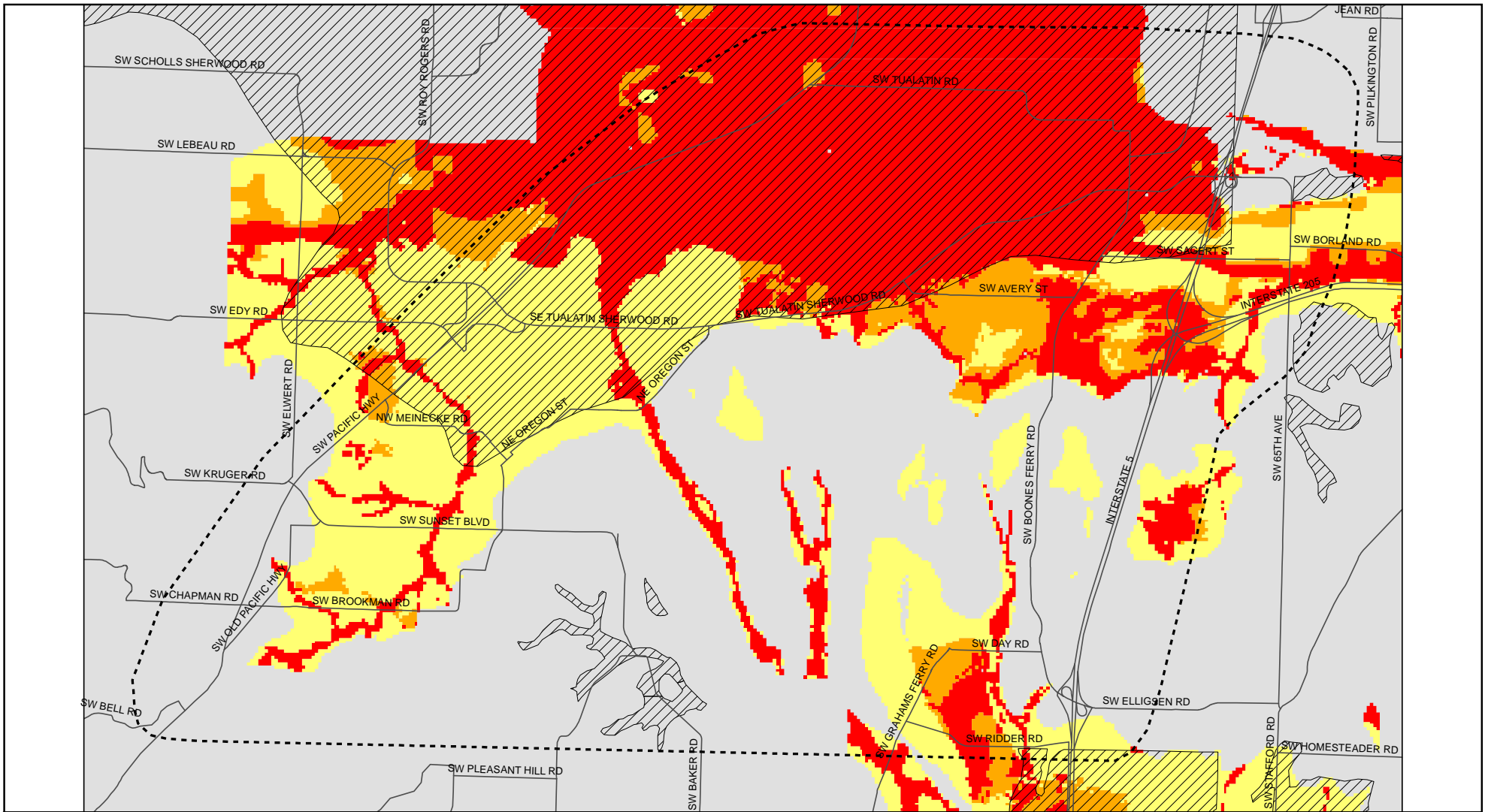
<b>Erosion Hazard</b>	<b>Shrink-Swell Potential</b>	Areas of Soft Soil
Moderate	High	Study Area
Severe		
Very Severe		



**FIGURE 2-15**

*Erosion Hazard, Shrink-Swell Potential, and Soft Soils*

April 2006



1 inch equals 3,000 feet

0 1,500 3,000 6,000  
Feet

**Source Info:**  
GIS data from DOGAMI, Metro Portland, 1997, and GeoDesign, 2006.

**Legend:**

**Liquefaction Hazard Hazard Zone**

- 1
- 2
- 3

Areas of Shallow Groundwater

Study Area



**FIGURE 2-16**

*Liquefaction Hazard and Shallow Groundwater*

April 2006