

Major Land Resource Area 025X

Owyhee High Plateau

Accessed: 05/11/2025

Ecological site keys

Dissected low lava plateau

I. Soil characterized by a mollic epipedon

A. Soil greater than 100cm.

- 1 Soil very deep, greater than 150cm, water table present between 100-152cm, evidence of redox features present in the soil profile. ... R025XY028ID – LOAMY BOTTOM 12-16
2. Soil greater than 150cm, no water table present, no evidence of redox features in the soil profile.
 - i. Site is on drainageway landforms. ... R025XY062OR – SILTY SWALE 8-11 PZ
 - ii. Site is on lava plateau landforms. ... R025XY066OR – SHRUBBY LOAM 11-13 PZ

B. Soil 50 to 100cm

1 Slopes greater than 15 percent

- i. south aspect, mollic less than 50cm thick
 - a. Argillic horizon starts at 15cm or less. ... R025XY021OR – CLAYPAN SOUTH SLOPES 11-13 PZ
 - b. Argillic horizon starts at a depth greater than 15cm. ... R025XY020OR – SOUTH SLOPES 11-13 PZ
- ii. North aspect, mollic greater than 50cm thick ... R025XY032OR – NORTH SLOPES 11-13 PZ

2 Slopes less than 15 percent

- i. Mollic epipedon is greater than 25cm thick. ... R025XY012OR – LOAMY 11-13 PZ
- ii. Mollic epipedon is less than 25cm thick. ... R025XY016OR – SHALLOW CLAYPAN 11-13 PZ

II. Soil characterized by an ochric epipedon.

A. Soil greater than 150cm deep, characterized by a aquic soil moisture regime. ... R025XY049NV – WET CLAY BASIN

B. Soils less than 100cm deep

1 soil less than 50cm deep

- i. Soil has an alluvial parent material. The soil restriction is a silica cemented layer; duripan. ... R025XY020ID – LOAMY 7-10
- ii. Soil parent material is loess and residuum. Soil restriction is lithic bedrock. ... R025XY011OR – VERY SHALLOW 8-13 PZ

2 Soil 50-100cm deep

- i. less than 35 percent clay in the particle size control section ... R025XY019ID – LOAMY 10-13
- ii. greater than 35 percent clay particle size control section
 - a. This site has greater than 15 percent rock fragments. ... R025XY048ID – SHALLOW CLAYPAN 11-13
 - b. This site has less than 15 percent rock fragments.
 - 1) Depth to duripan or bedrock is 70 to 100 cm. ... R025XY010OR – LOAMY 8-11 PZ
 - 2) Depth to bedrock or duripan is 51 to 70 cm. ... R025XY061OR – SHALLOW CLAYPAN 8-11 PZ

