

## Map Unit Description (Brief, Generated)

Lewis County Area, Washington

[Minor map unit components are excluded from this report]

**Map unit:** 89 - Galvin silt loam, 0 to 8 percent slopes

**Component:** Galvin (90%)

*The Galvin component makes up 90 percent of the map unit. Slopes are 0 to 8 percent. This component is on alluvial fans. The parent material consists of alluvium derived from sandstone and shale. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 8 percent. Nonirrigated land capability classification is 6w. This soil does not meet hydric criteria.*

**Map unit:** 118 - Lacamas silt loam, 0 to 3 percent slopes

**Component:** Lacamas (60%)

*The Lacamas component makes up 60 percent of the map unit. Slopes are 0 to 3 percent. This component is on flood plains, terraces. The parent material consists of alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 15 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.*

**Component:** Lacamas, undrained (35%)

*The Lacamas, undrained component makes up 35 percent of the map unit. Slopes are 0 to 3 percent. This component is on flood plains, terraces. The parent material consists of alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.*

**Map unit:** 131 - Melbourne loam, 8 to 15 percent slopes

**Component:** Melbourne (95%)

*The Melbourne component makes up 95 percent of the map unit. Slopes are 8 to 15 percent. This component is on ridges, mountain slopes. The parent material consists of residuum from siltstone. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.*

**Map unit:** 172 - Reed silty clay loam

**Component:** Reed, Drained (95%)

*The Reed, Drained component makes up 95 percent of the map unit. Slopes are 0 to 3 percent. This component is on flood plains, terraces. The parent material consists of alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 27 inches during January, February, March, April, May, November, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.*