Major Land Resource Area 009X
Palouse and Nez Perce Prairies

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Ecological site keys

MLRA 9 - Southern Section - LRU A - Basalt plateaus and high basins

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I. Sites found in open drainageways or swales receiving supplemental subsurface flow
  A. Site predominately found within a 14-17" precipitation zone
    1 Soils typically silt loam over silty clay loam ... R009XY005OR – Cold Swale 13-17 PZ
    2 Soils typically silty clay loam over clay ... R009XY006OR – Cold Clayey Swale 13-17 PZ
  B. Site predominately found within a 17-24" precipitation zone
    1 Soils shallow (10 - 20"), somewhat poorly drained ... R009XY007OR – Cold Swale 17-24 PZ
    2 Soils moderately deep (20 - 40"), poorly drained ... R009XY008OR – Cold Wet Swale 17-24 PZ

II. Not as above
  A. Site predominately found within a 13 - 17" precipitation zone
    1 Sites flat to moderately sloping, not influenced by aspect
      i. Soils very shallow (0 - 10") ... R009XY027OR – Cold Very Shallow 13+ PZ
      ii. Soils shallow (10 - 20") ... R009XY022OR – Cold Shallow 13+ PZ
      iii. Soils moderately deep (20 - 40") ... R009XY017OR – Cold Loamy 13-17 PZ
      iv. Soils deep to very deep (40" +) .. R009XY205OR - Cold Deep Loamy 13-17 PZ (missing concept)
    2 Sites gently to steeply sloping, influenced by aspect
      i. Sites occur on south slope aspects
        a. Soils shallow (10 - 20") ... R009XY036OR – Cold Shallow South 13+ PZ
        b. Soils moderately deep to very deep (20" +)
          1) Slopes 12 - 30% ... R009XY034OR – Cold South 13-17 PZ
          2) Slopes 30 - 90% .. R009XY203OR - Cold Steep South 13-17 PZ (missing concept)
      ii. Sites occur on north slope aspects
        a. Soils shallow (10 - 20") ... R009XY048OR – Shallow North 14+ PZ
        b. Soils moderately deep to very deep (20" +)
          1) Clayey family particle size class, shrubs dominated by Symphorocarpus and Rosa spp. ... R009XY041OR – Deep North 14-17 PZ
          2) Loamy family particle size class
            a) Stony silt loam surface texture, shrubs dominated by Physocarpus malvaceus ... R009XY060OR – Shrubby North 15+ PZ
            b) Silt loam surface texture, shrubs dominated by Crataegus spp. ... R009XY046OR – Shrubby Moist North 15+ PZ
  B. Site predominately found within a 17 - 24" precipitation zone
    2 Sites flat to moderately sloping, not influenced by aspect
      i. Soils very shallow (0 - 10") ... R009XY027OR – Cold Very Shallow 13+ PZ
      ii. Soils shallow (10 - 20") ... R009XY022OR – Cold Shallow 13+ PZ
      iii. Soils moderately deep (20 - 40") ... R009XY018OR – Cold Loamy 17-24 PZ

iv. Soils deep to very deep (40" +) .. R009XY206OR - Cold Deep Loamy 17-24 PZ (missing concept)

1 Sites gently to steeply sloping, influenced by aspect

i. Sites occur on south slope aspects

a. Soils shallow (10 - 20") ... R009XY036OR – Cold Shallow South 13+ PZ

b. Soils moderately deep to very deep (20" +)

1) Slopes 30 - 60% ... R009XY035OR – Cold South 17-24 PZ

2) Slopes 60 - 90% .. R009XY204OR - Cold Steep South 17-24 PZ (missing concept)

ii. Sites occur on north slope aspects

a. Soils very shallow to shallow (0 - 20")

1) Soils very shallow (0-10") .. R009XY202OR - Very Shallow North 14+ PZ (missing concept)

2) Soils shallow (10 - 20") ... R009XY048OR – Shallow North 14+ PZ

b. Soils moderately deep to very deep (20" +)

1) Clayey family particle size class, shrubs dominated by Symphorocarpus and Rosa spp. ... R009XY045OR – North 17-24 PZ

2) Loamy family particle size class

a) Stony silt loam surface texture, shrubs dominated by Physocarpus malvaceus ... R009XY060OR – Shrubby North 15+ PZ

b) Silt loam surface texture, shrubs dominated by Crataegus spp. ... R009XY046OR – Shrubby Moist North 15+ PZ

C. Site predominately found within a 30-40" precipitation zone. R009XY070OR. ... R009XY070OR – High Ridge 30+ PZ