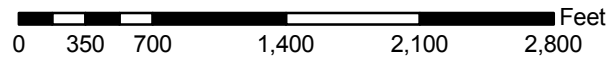
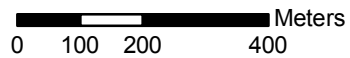
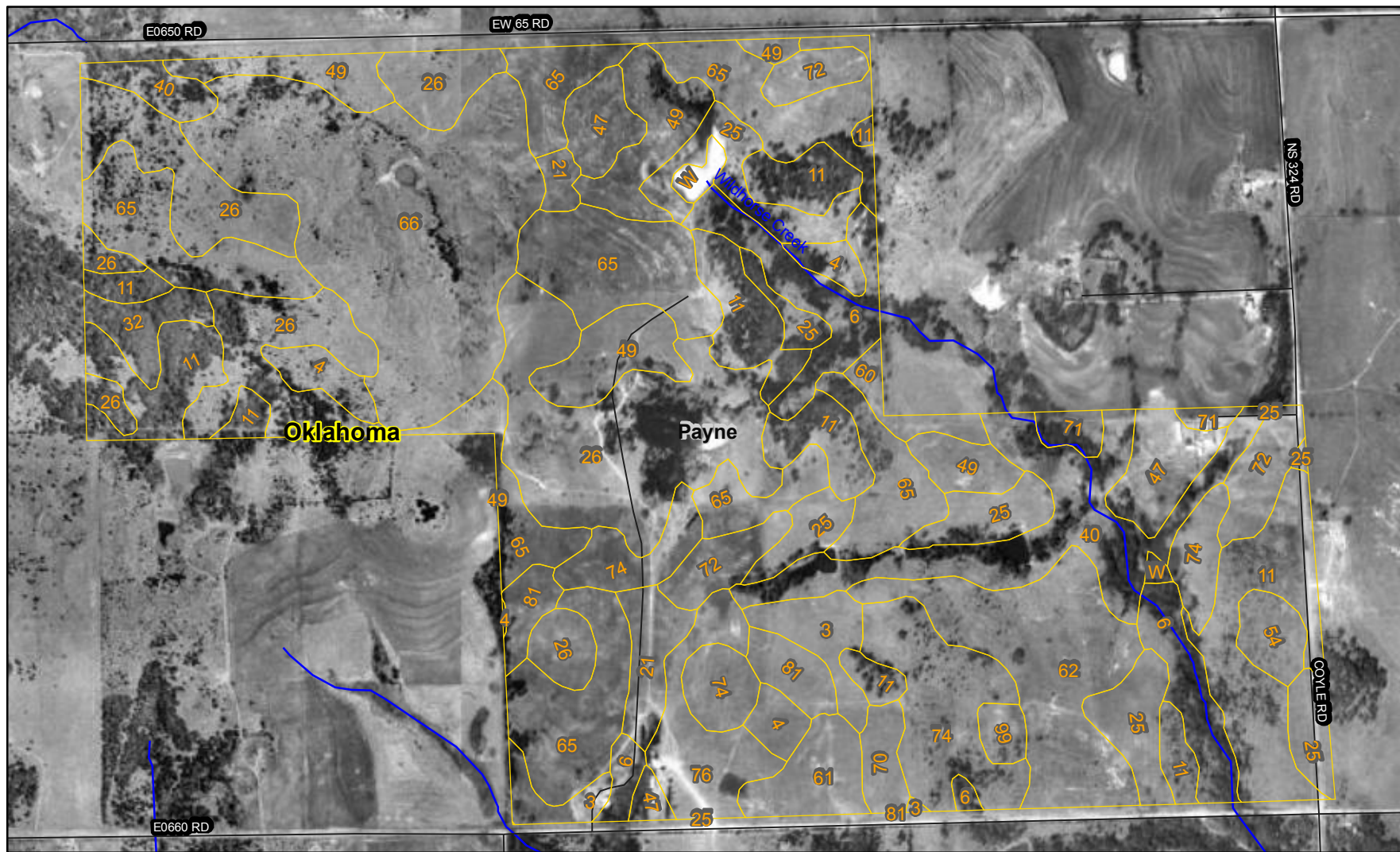


# SOIL SURVEY OF PAYNE COUNTY, OKLAHOMA
































OSURR Headquarters



# SOIL SURVEY OF PAYNE COUNTY, OKLAHOMA

OSURR Headquarters

## MAP LEGEND

-  Soil Map Units
-  Cities
-  Detailed Counties
-  Detailed States
-  Interstate Highways
-  Roads
-  Rails
-  Water
-  Hydrography
-  Oceans
-  Escarpment, bedrock
-  Escarpment, non-bedrock
-  Gully
-  Levee
-  Slope
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Depression, closed
-  Eroded Spot
-  Gravel Pit
-  Gravelly Spot
-  Gully
-  Lava Flow
-  Landfill
-  Marsh or Swamp
-  Miscellaneous Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Slide or Slip
-  Sinkhole
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Perennial Water
-  Wet Spot

## MAP INFORMATION

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>

Coordinate System: UTM Zone 14

Soil Survey Area: Payne County, Oklahoma  
 Spatial Version of Data: 2  
 Soil Map Compilation Scale: 1:24000

Map comprised of aerial images photographed on these dates:  
 2/20/1995; 2/21/1995

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend Summary

## Payne County, Oklahoma

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
3	Coyle loam, 3 to 5 percent slopes	10.7	1.7
4	Coyle loam, 3 to 5 percent slopes, eroded	9.8	1.6
6	Pulaski fine sandy loam, 0 to 1 percent slopes, frequently flooded	25.7	4.1
11	Stephenville-Darnell complex, 3 to 8 percent slopes	61.6	9.9
21	Kirkland silt loam, 1 to 3 percent slopes	8.9	1.4
25	Grainola-Lucien complex, 1 to 5 percent slopes	34.2	5.5
26	Grainola-Lucien complex, 5 to 12 percent slopes	87.4	14.0
32	Harrah-Pulaski complex, 0 to 8 percent slopes	5.8	0.9
40	Grainola-Ashport complex, 0 to 8 percent slopes	34.2	5.5
47	Renfrow loam, 3 to 5 percent slopes, eroded	15.6	2.5
49	Renfrow and Grainola soils, 3 to 8 percent slopes, severely eroded	31.6	5.1
54	Stephenville fine sandy loam, 3 to 5 percent slopes	4.9	0.8
60	Mulhall loam, 3 to 5 percent slopes	3.9	0.6
61	Mulhall loam, 3 to 5 percent slopes, eroded	8.5	1.4
62	Mulhall loam, 3 to 5 percent slopes, gullied	30.8	4.9
65	Grainola clay loam, 3 to 5 percent slopes	92.7	14.8
66	Masham silty clay loam, 5 to 20 percent slopes	70.3	11.3
70	Zaneis loam, 3 to 5 percent slopes	4.3	0.7
71	Zaneis loam, 3 to 5 percent slopes, eroded	3.7	0.6
72	Zaneis-Huska complex, 1 to 5 percent slopes	16.2	2.6
74	Coyle-Lucien complex, 3 to 5 percent slopes	36.9	5.9

## Payne County, Oklahoma

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
76	Coyle and Zaneis soils, 3 to 5 percent slopes, severely eroded	13.5	2.2
81	Huska silt loam, 1 to 3 percent slopes	8.4	1.3
99	Oil waste land-Huska complex, 1 to 5 percent slopes	2.6	0.4
W	Water	2.3	0.4