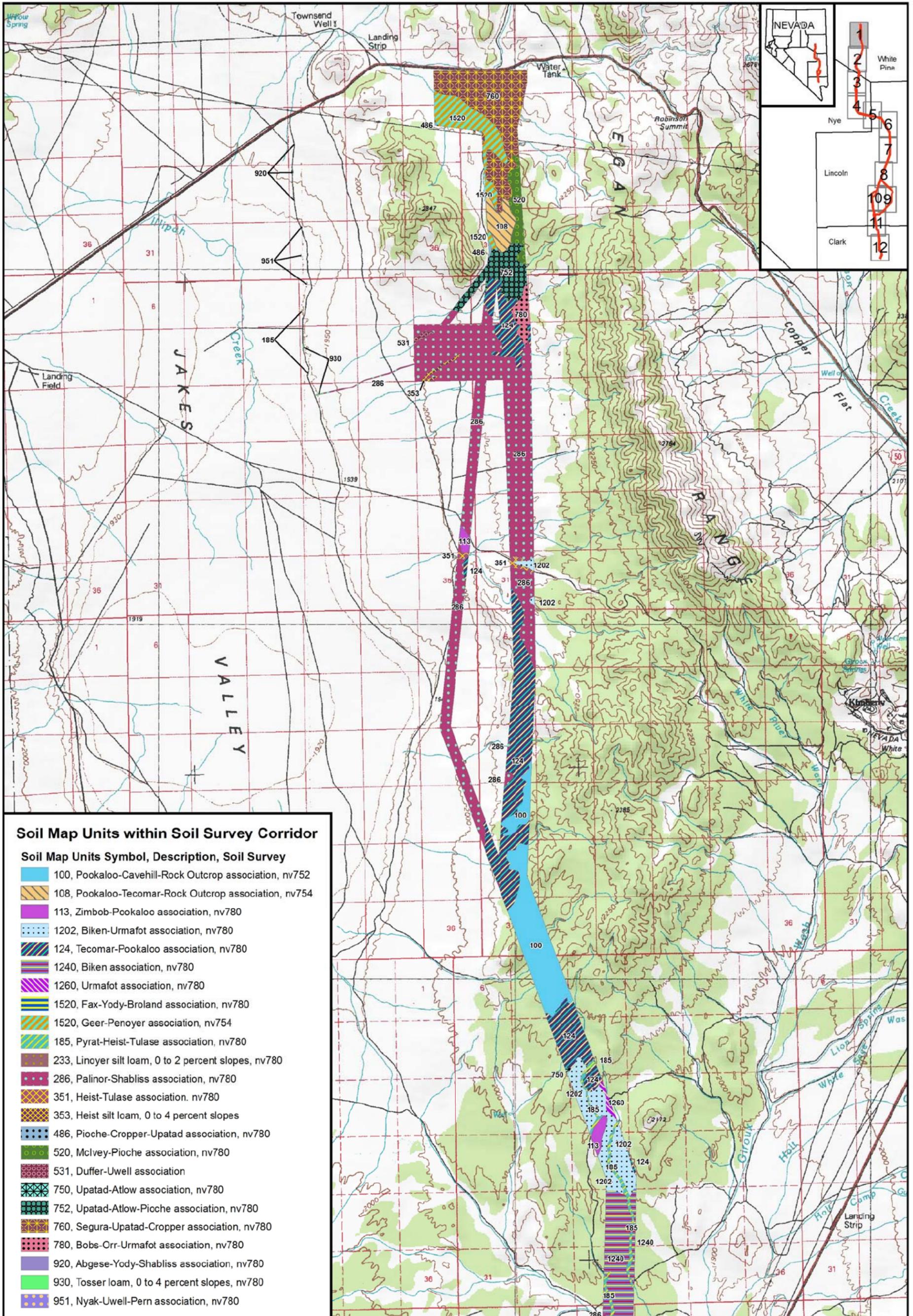


Appendix 3A
Soils Figures



Soil Map Units within Soil Survey Corridor

Soil Map Units Symbol, Description, Soil Survey

- 100, Pookaloo-Cavehill-Rock Outcrop association, nv752
- 108, Pookaloo-Tecomar-Rock Outcrop association, nv754
- 113, Zimbob-Pookaloo association, nv780
- 1202, Biken-Urmafot association, nv780
- 124, Tecomar-Pookaloo association, nv780
- 1240, Biken association, nv780
- 1260, Urmafot association, nv780
- 1520, Fax-Yody-Broland association, nv780
- 1520, Geer-Penoyer association, nv754
- 185, Pyrat-Heist-Tulase association, nv780
- 233, Linoyer silt loam, 0 to 2 percent slopes, nv780
- 286, Palino-Shabliss association, nv780
- 351, Heist-Tulase association, nv780
- 353, Heist silt loam, 0 to 4 percent slopes
- 486, Pioche-Cropper-Upatad association, nv780
- 520, McIvey-Pioche association, nv780
- 531, Duffer-Uwell association
- 750, Upatad-Atlow association, nv780
- 752, Upatad-Atlow-Pioche association, nv780
- 760, Segura-Upatad-Cropper association, nv780
- 780, Bobs-Orr-Urmafot association, nv780
- 920, Abgese-Yody-Shabliss association, nv780
- 930, Tosser loam, 0 to 4 percent slopes, nv780
- 951, Nyak-Uwell-Pern association, nv780

Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

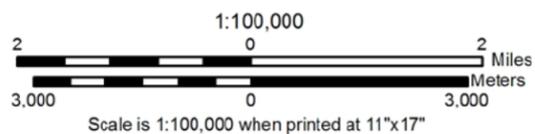
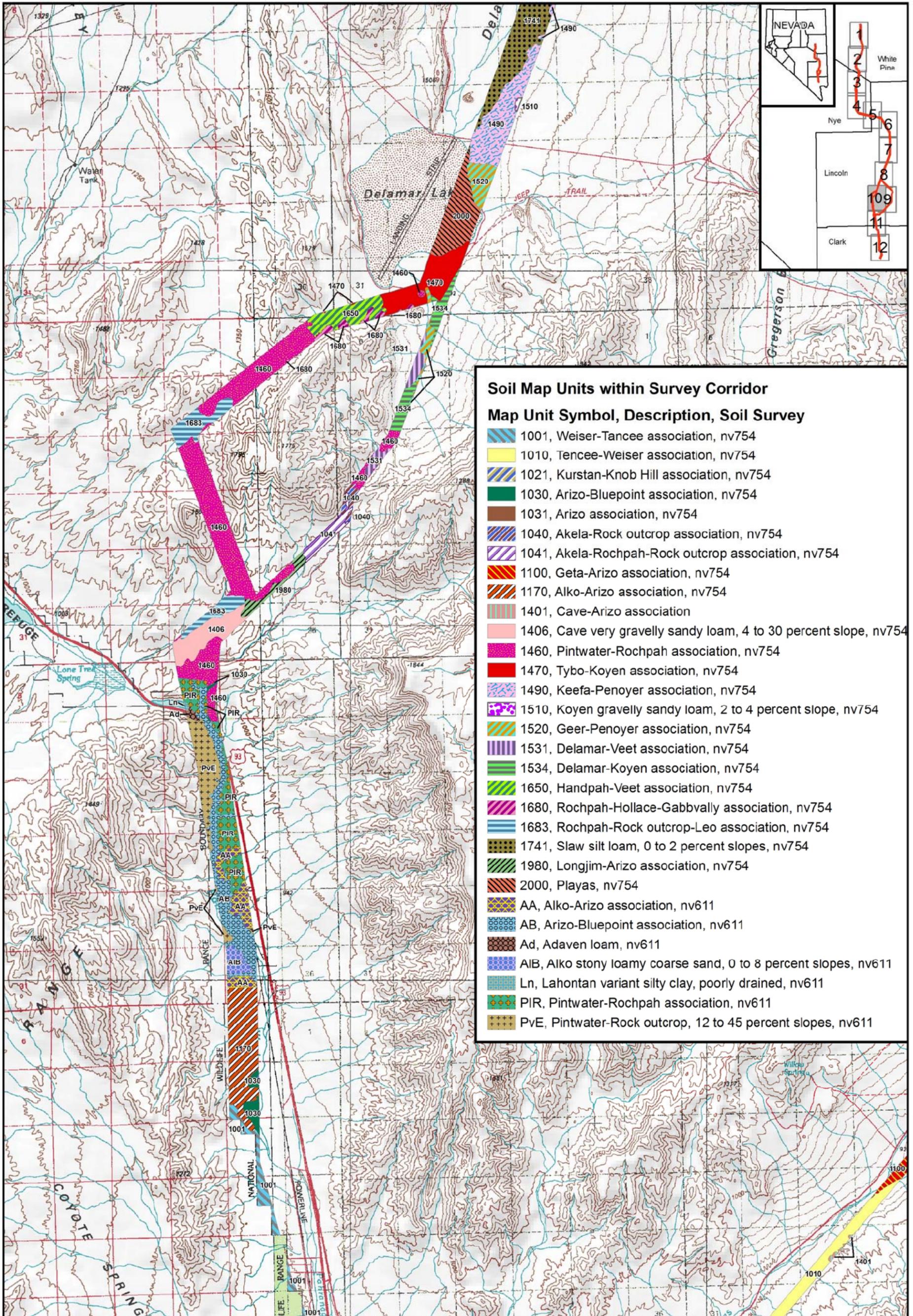


FIGURE 1
SOILS MAP
ON LINE PROJECT



Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

	1001, Weiser-Tancee association, nv754
	1010, Tancee-Weiser association, nv754
	1021, Kurstan-Knob Hill association, nv754
	1030, Arizo-Bluepoint association, nv754
	1031, Arizo association, nv754
	1040, Akela-Rock outcrop association, nv754
	1041, Akela-Rochpah-Rock outcrop association, nv754
	1100, Geta-Arizo association, nv754
	1170, Alko-Arizo association, nv754
	1401, Cave-Arizo association
	1406, Cave very gravelly sandy loam, 4 to 30 percent slope, nv754
	1460, Pintwater-Rochpah association, nv754
	1470, Tybo-Koyen association, nv754
	1490, Keefa-Penoyer association, nv754
	1510, Koyen gravelly sandy loam, 2 to 4 percent slope, nv754
	1520, Geer-Penoyer association, nv754
	1531, Delamar-Veet association, nv754
	1534, Delamar-Koyen association, nv754
	1650, Handpah-Veet association, nv754
	1680, Rochpah-Hollace-Gabbvally association, nv754
	1683, Rochpah-Rock outcrop-Leo association, nv754
	1741, Slaw silt loam, 0 to 2 percent slopes, nv754
	1980, Longjim-Arizo association, nv754
	2000, Playas, nv754
	AA, Alko-Arizo association, nv611
	AB, Arizo-Bluepoint association, nv611
	Ad, Adaven loam, nv611
	AIB, Alko stony loamy coarse sand, 0 to 8 percent slopes, nv611
	Ln, Lahontan variant silty clay, poorly drained, nv611
	PIR, Pintwater-Rochpah association, nv611
	PvE, Pintwater-Rock outcrop, 12 to 45 percent slopes, nv611

Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

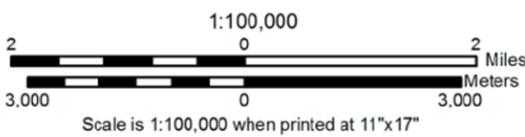
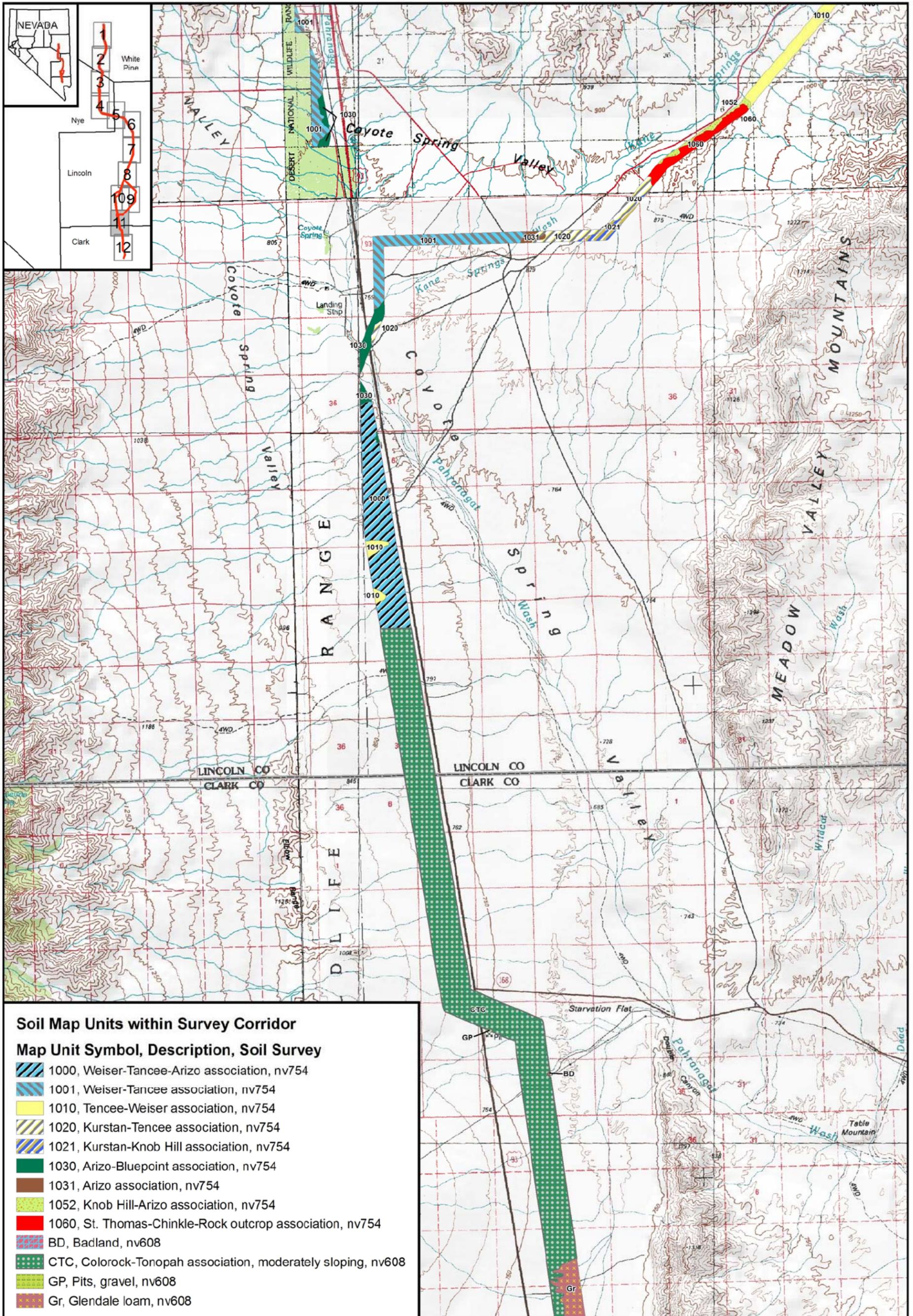


FIGURE 10
SOILS MAP
ON LINE PROJECT



Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

-  1000, Weiser-Tancee-Arizo association, nv754
-  1001, Weiser-Tancee association, nv754
-  1010, Tencee-Weiser association, nv754
-  1020, Kurstan-Tencee association, nv754
-  1021, Kurstan-Knob Hill association, nv754
-  1030, Arizo-Bluepoint association, nv754
-  1031, Arizo association, nv754
-  1052, Knob Hill-Arizo association, nv754
-  1060, St. Thomas-Chinkle-Rock outcrop association, nv754
-  BD, Badland, nv608
-  CTC, Colorock-Tonopah association, moderately sloping, nv608
-  GP, Pits, gravel, nv608
-  Gr, Glendale loam, nv608

Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

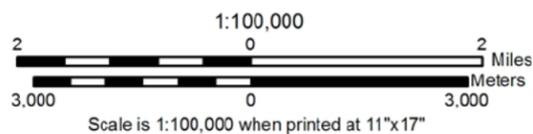
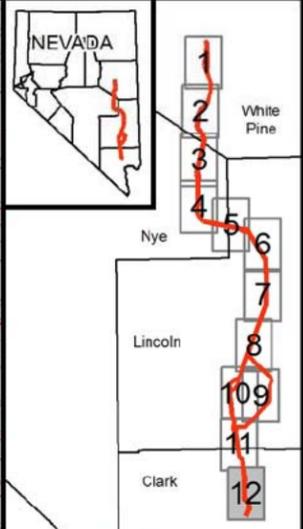
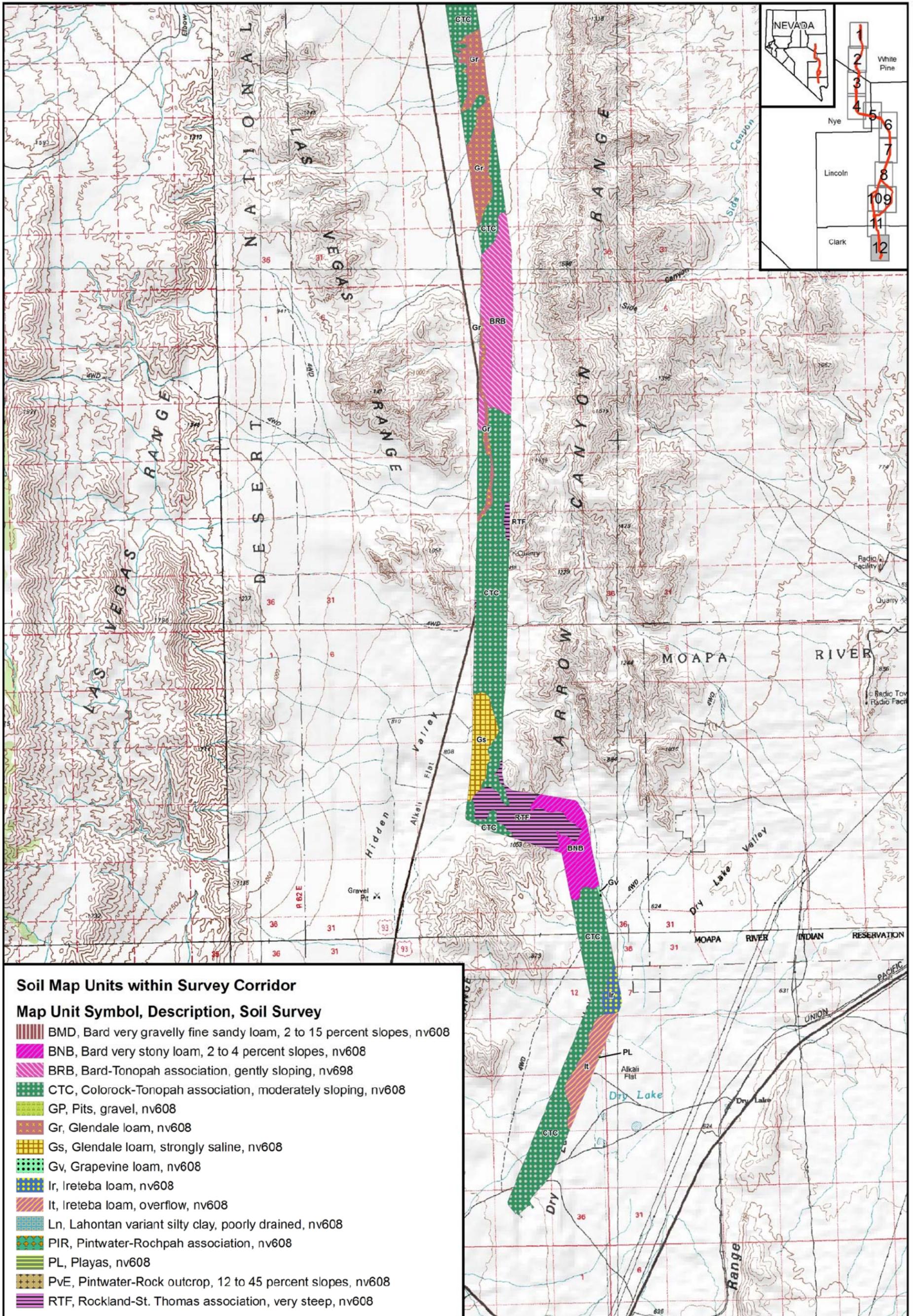


FIGURE 11
SOILS MAP
ON LINE PROJECT



Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

- BMD, Bard very gravelly fine sandy loam, 2 to 15 percent slopes, nv608
- BNB, Bard very stony loam, 2 to 4 percent slopes, nv608
- BRB, Bard-Tonopah association, gently sloping, nv698
- CTC, Colorock-Tonopah association, moderately sloping, nv608
- GP, Pits, gravel, nv608
- Gr, Glendale loam, nv608
- Gs, Glendale loam, strongly saline, nv608
- Gv, Grapevine loam, nv608
- Ir, Ireteba loam, nv608
- It, Ireteba loam, overflow, nv608
- Ln, Lahontan variant silty clay, poorly drained, nv608
- PIR, Pintwater-Rochpah association, nv608
- PL, Playas, nv608
- PvE, Pintwater-Rock outcrop, 12 to 45 percent slopes, nv608
- RTF, Rockland-St. Thomas association, very steep, nv608

Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

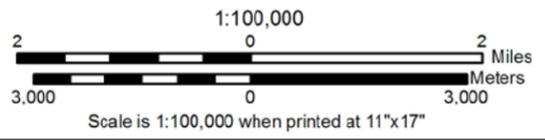
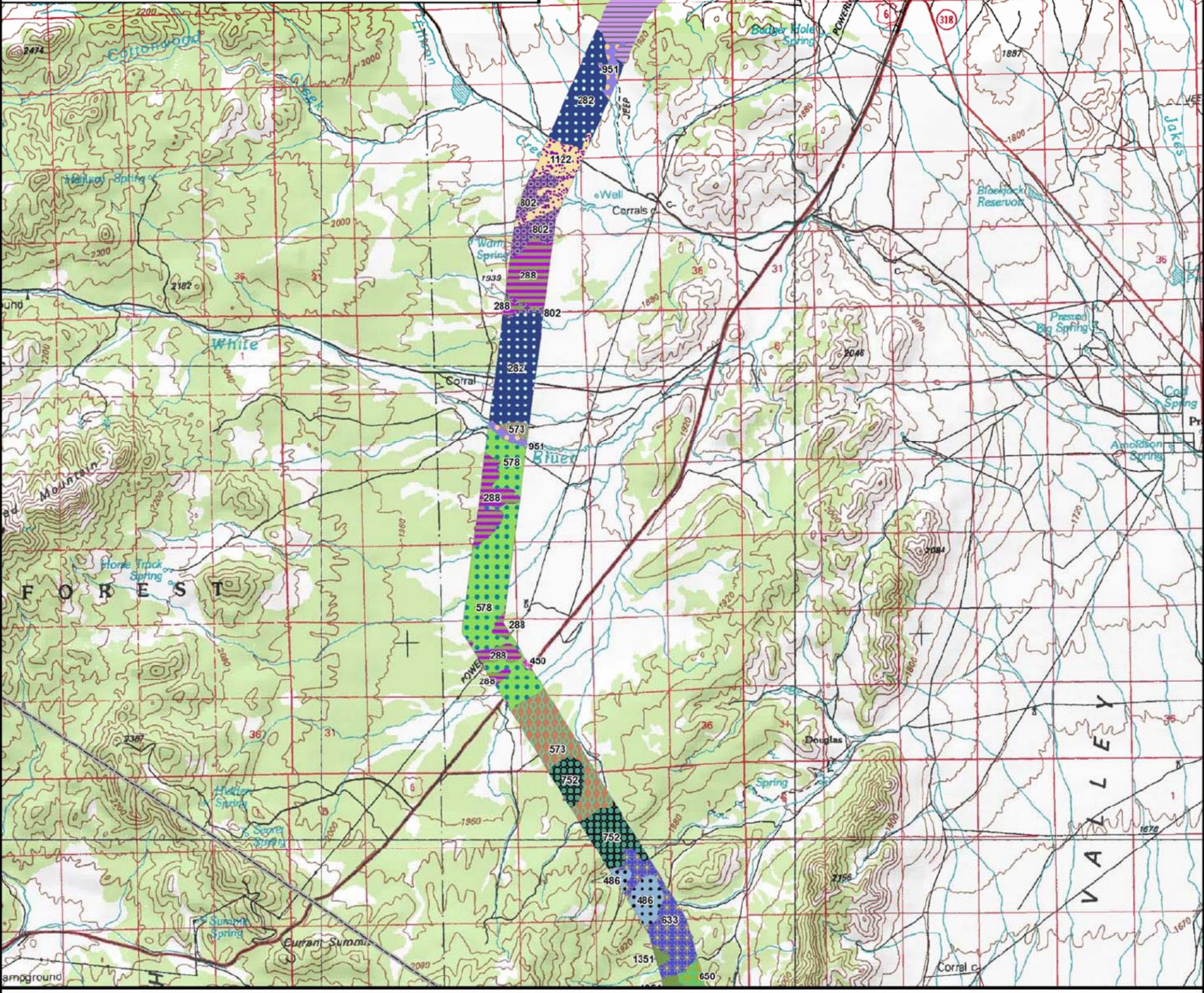
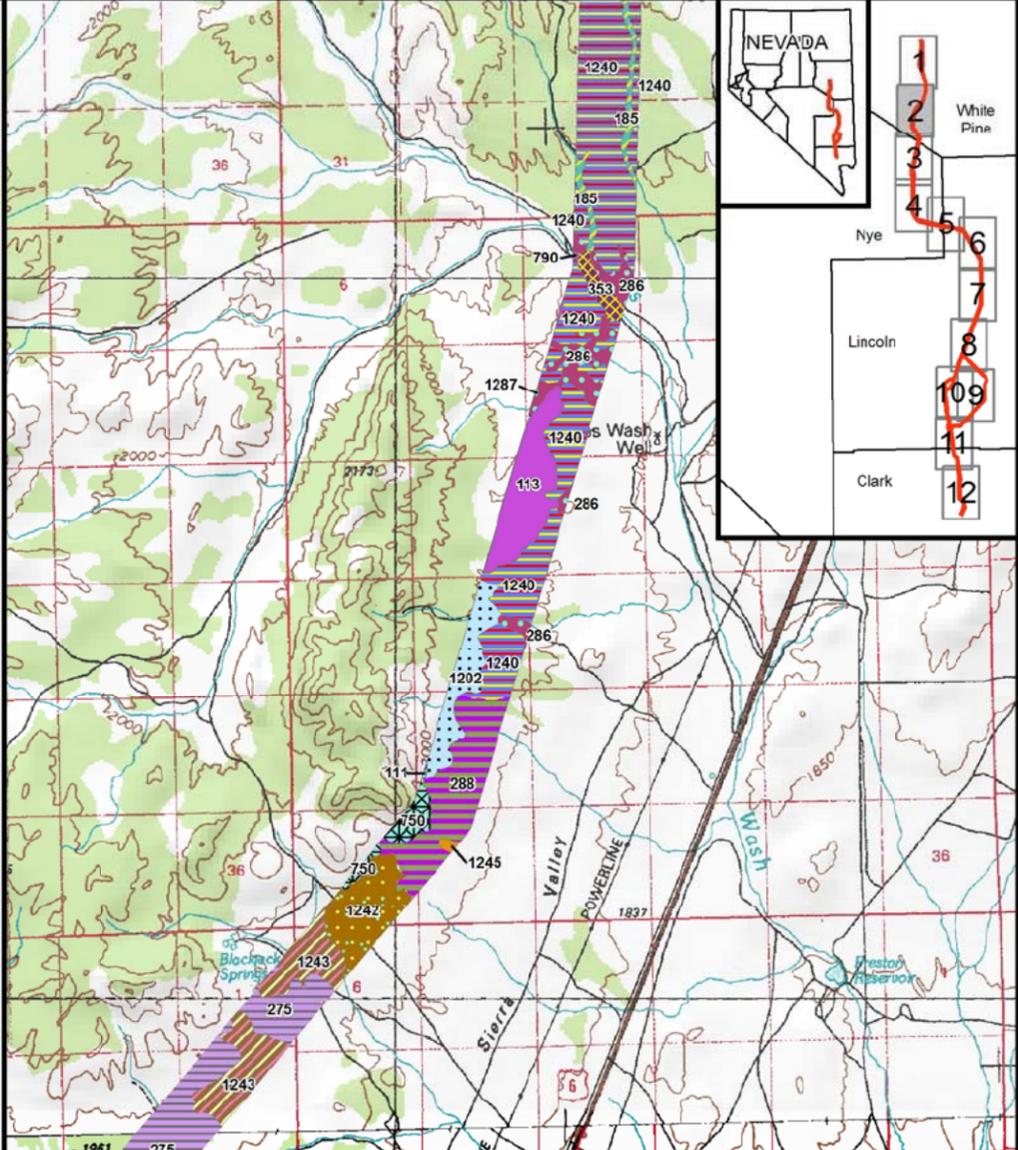


FIGURE 12
SOILS MAP
ON LINE PROJECT

Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

- 111, Zimbob-Hyzon-Rock outcrop association, nv780
- 1122, Kunzler-Pern association, nv780
- 113, Zimbob-Pookaloo association, nv780
- 1202, Biken-Urmafot association, nv780
- 1240, Biken association, nv780
- 1242, Biken-Palino-Barfan association, nv780
- 1243, Biken-Breko association, nv780
- 1245, Biken-Tulase association, nv780
- 1287, Palino-Izar-Biken association, nv780
- 1351, Hyzen-Kyler-Rock Outcrop association, nv780
- 185, Pyrat-Heist-Tulase association, nv780
- 275, Atlow-Upatad association, nv780
- 282, Palino very gravelly loam, 2 to 15 percent slopes, nv780
- 286, Palino-Shabliss association, nv780
- 288, Palino-Yody-Broland association, nv780
- 353, Heist silt loam, 0 to 4 percent slopes, nv780
- 450, Shabliss-Yody association, nv780
- 486, Pioche-Cropper-Upatad association, nv780
- 573, Yody-Palino-Shabliss association, nv780
- 578, Yody gravelly sandy loam, 2 to 4 percent slopes, nv780
- 633, Roden-Izar associatio, nv780
- 650, Eaglepass-Kyler-Rock outcrop associatio, nv780
- 750, Upatad-Atlow association, nv780
- 752, Upatad-Atlow-Pioche association, nv780
- 790, Bylo-Tulase association, nv780
- 802, Broland-Yody association, nv780
- 951, Nyak-Uwell-Pern association, nv780



Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

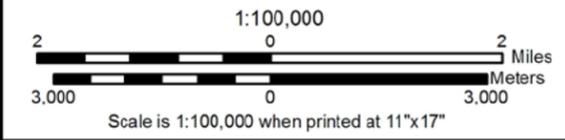
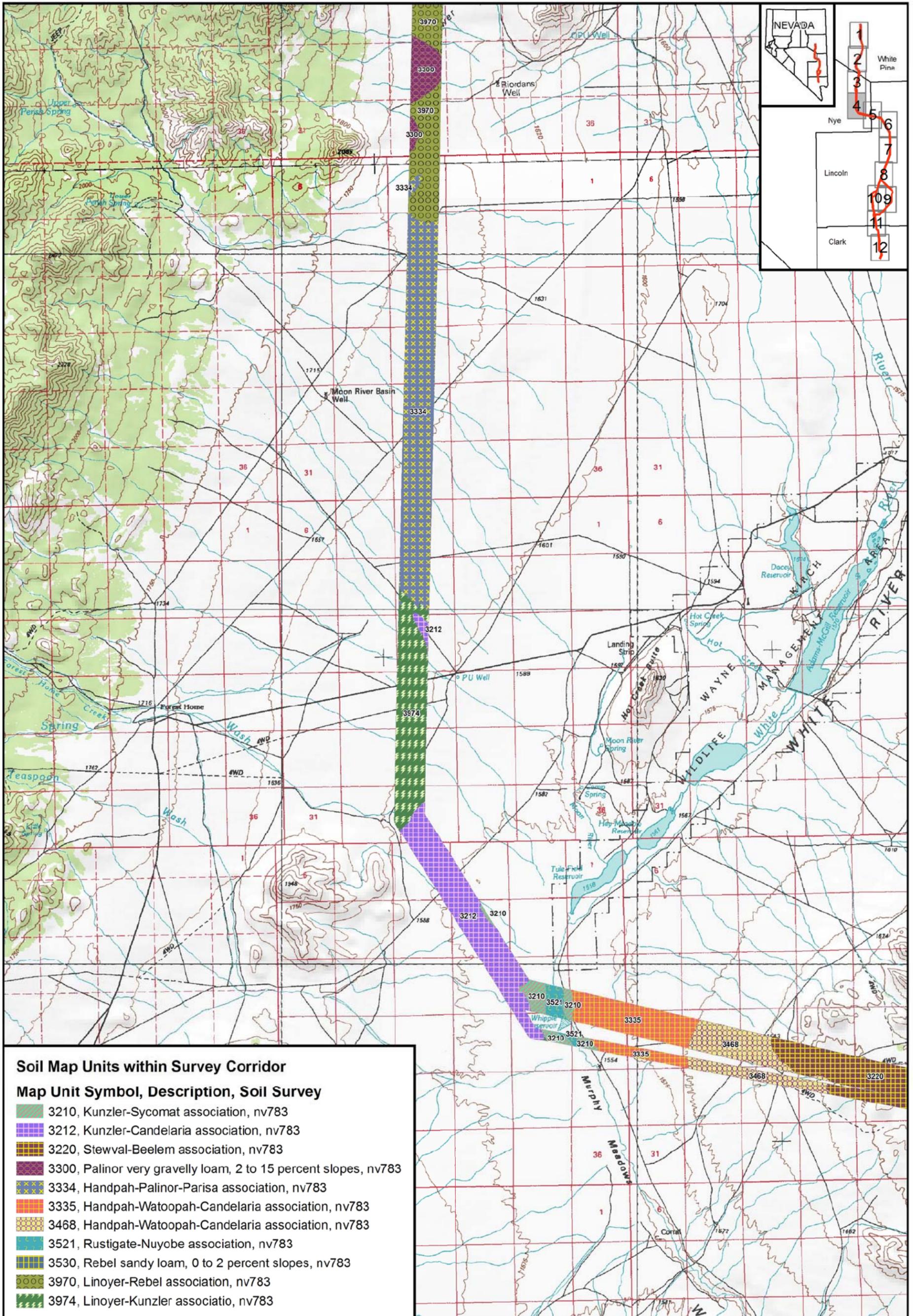


FIGURE 2
SOILS MAP
ON LINE PROJECT



Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

- 3210, Kunzler-Sycomat association, nv783
- 3212, Kunzler-Candelaria association, nv783
- 3220, Stewval-Beelem association, nv783
- 3300, Palinoir very gravelly loam, 2 to 15 percent slopes, nv783
- 3334, Handpah-Palinoir-Parisa association, nv783
- 3335, Handpah-Watopah-Candelaria association, nv783
- 3468, Handpah-Watopah-Candelaria association, nv783
- 3521, Rustigate-Nuyobe association, nv783
- 3530, Rebel sandy loam, 0 to 2 percent slopes, nv783
- 3970, Linoier-Rebel association, nv783
- 3974, Linoier-Kunzler associatio, nv783

Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

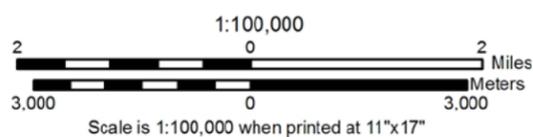
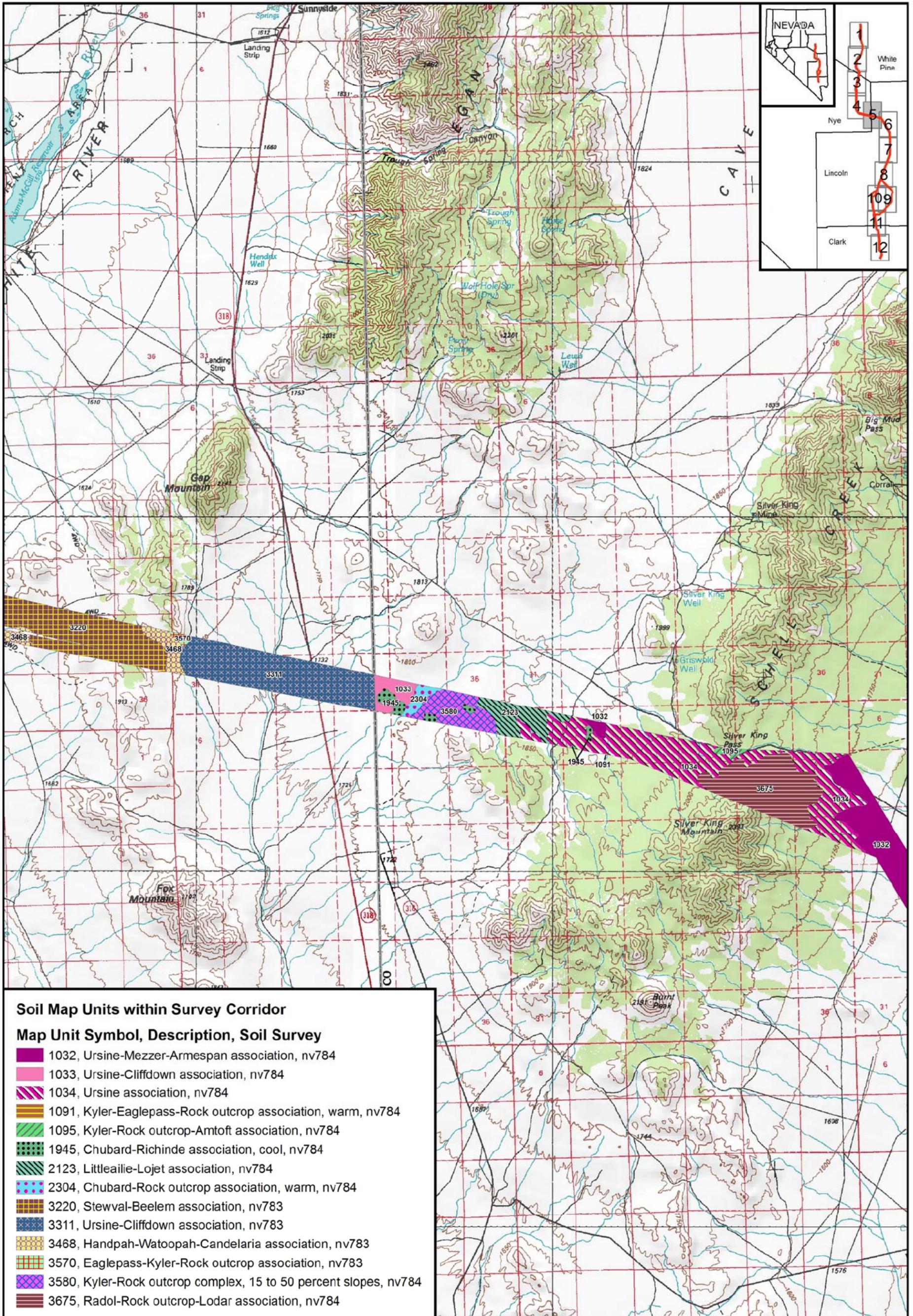


FIGURE 4
SOILS MAP
ON LINE PROJECT



Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

- 1032, Ursine-Mezzer-Armespan association, nv784
- 1033, Ursine-Cliffdown association, nv784
- 1034, Ursine association, nv784
- 1091, Kyler-Eaglepass-Rock outcrop association, warm, nv784
- 1095, Kyler-Rock outcrop-Amtoft association, nv784
- 1945, Chubard-Richinde association, cool, nv784
- 2123, Littleailie-Lojet association, nv784
- 2304, Chubard-Rock outcrop association, warm, nv784
- 3220, Stewval-Beelem association, nv783
- 3311, Ursine-Cliffdown association, nv783
- 3468, Handpah-Watopah-Candelaria association, nv783
- 3570, Eaglepass-Kyler-Rock outcrop association, nv783
- 3580, Kyler-Rock outcrop complex, 15 to 50 percent slopes, nv784
- 3675, Radol-Rock outcrop-Lodar association, nv784

Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

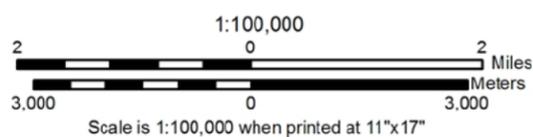
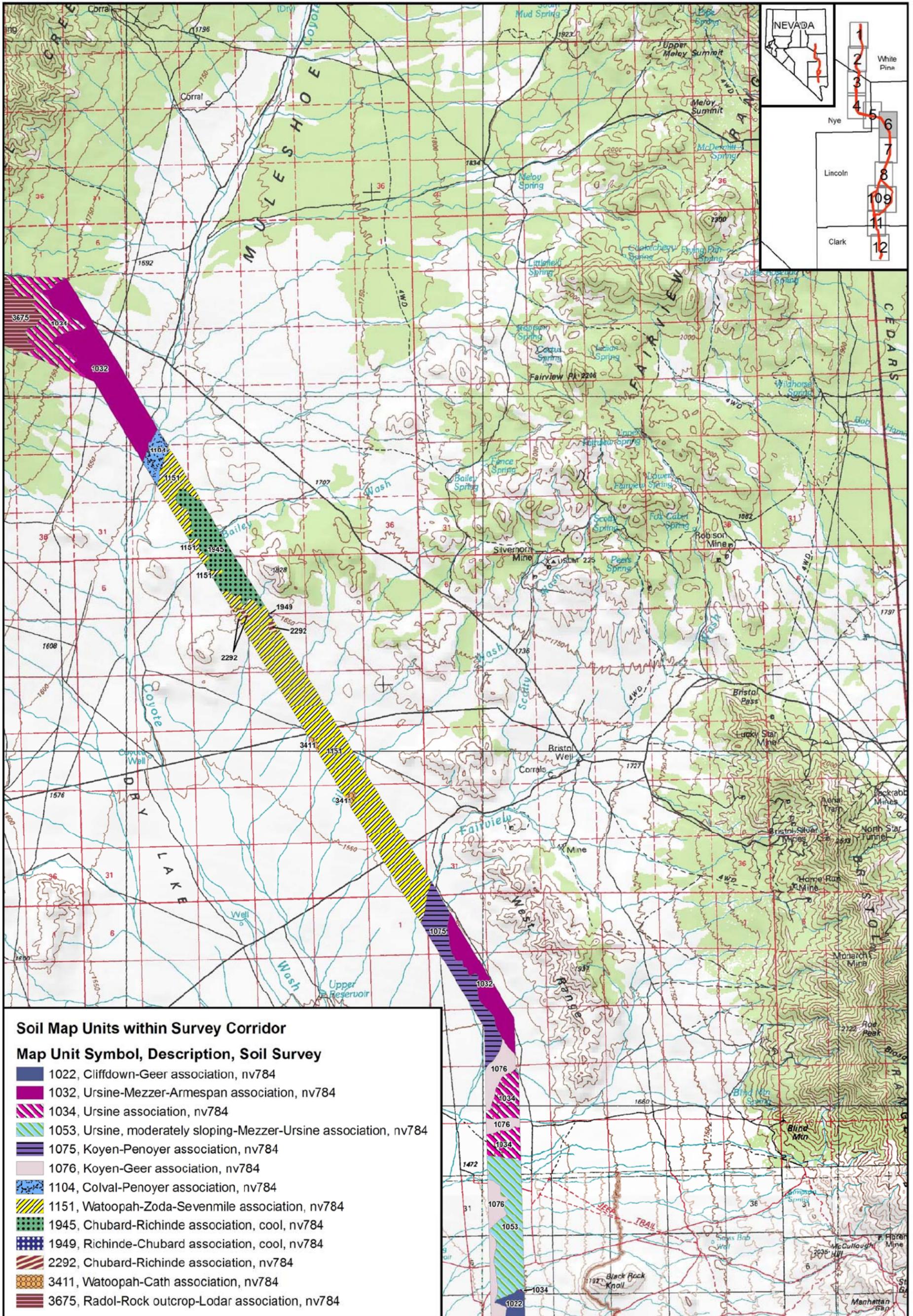


FIGURE 5
SOILS MAP
ON LINE PROJECT



Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

- 1022, Cliffdown-Geer association, nv784
- 1032, Ursine-Mezzer-Armespan association, nv784
- 1034, Ursine association, nv784
- 1053, Ursine, moderately sloping-Mezzer-Ursine association, nv784
- 1075, Koyen-Penoyer association, nv784
- 1076, Koyen-Geer association, nv784
- 1104, Colval-Penoyer association, nv784
- 1151, Watoopah-Zoda-Sevenmile association, nv784
- 1945, Chubard-Richinde association, cool, nv784
- 1949, Richinde-Chubard association, cool, nv784
- 2292, Chubard-Richinde association, nv784
- 3411, Watoopah-Cath association, nv784
- 3675, Radol-Rock outcrop-Lodar association, nv784

Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

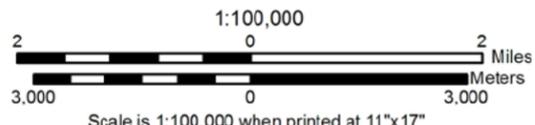
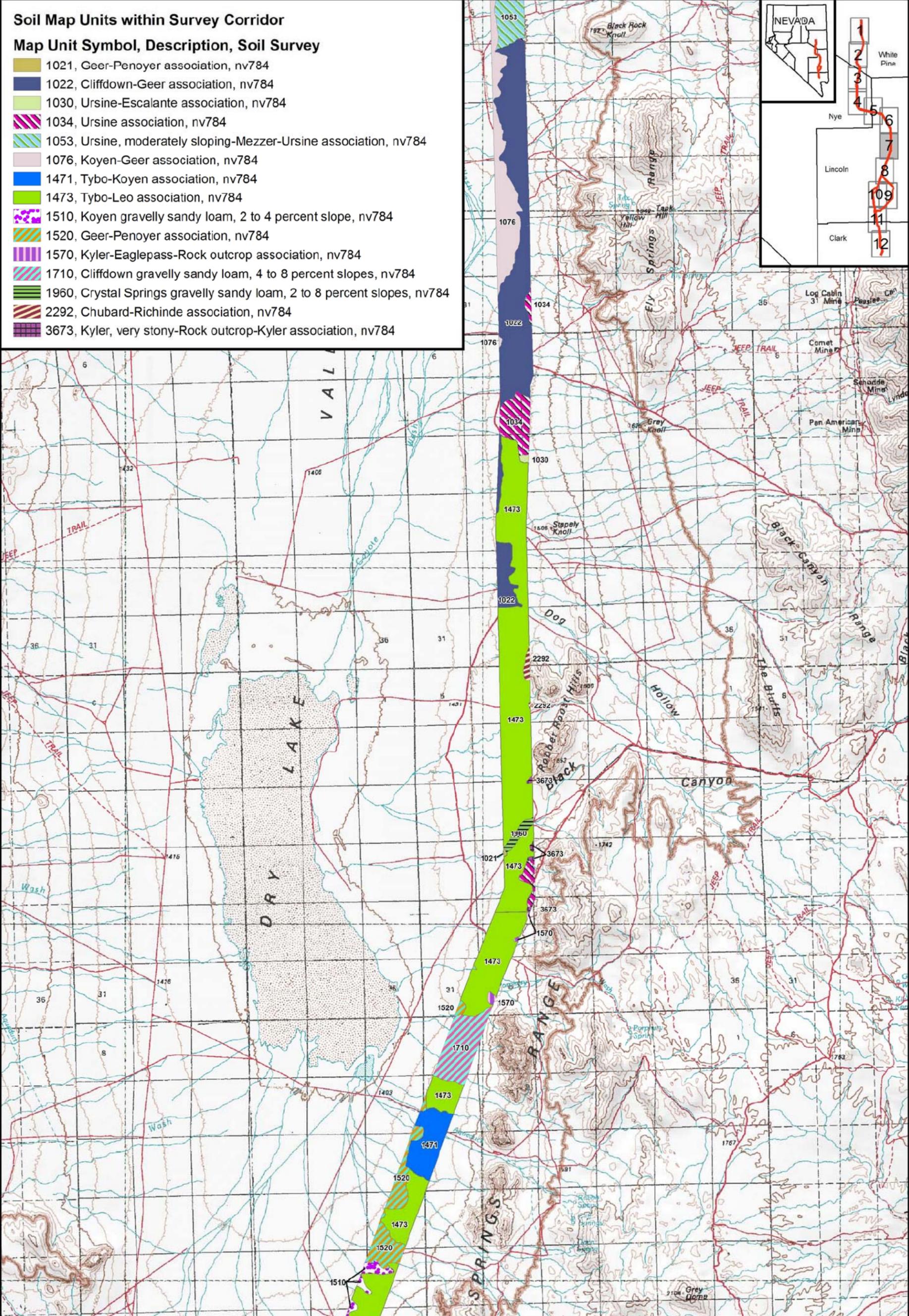


FIGURE 6
SOILS MAP
ON LINE PROJECT

Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

-  1021, Geer-Penoyer association, nv784
-  1022, Cliffdown-Geer association, nv784
-  1030, Ursine-Escalante association, nv784
-  1034, Ursine association, nv784
-  1053, Ursine, moderately sloping-Mezzer-Ursine association, nv784
-  1076, Koyen-Geer association, nv784
-  1471, Tybo-Koyen association, nv784
-  1473, Tybo-Leo association, nv784
-  1510, Koyen gravelly sandy loam, 2 to 4 percent slope, nv784
-  1520, Geer-Penoyer association, nv784
-  1570, Kyler-Eaglepass-Rock outcrop association, nv784
-  1710, Cliffdown gravelly sandy loam, 4 to 8 percent slopes, nv784
-  1960, Crystal Springs gravelly sandy loam, 2 to 8 percent slopes, nv784
-  2292, Chubard-Richinde association, nv784
-  3673, Kyler, very stony-Rock outcrop-Kyler association, nv784



Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

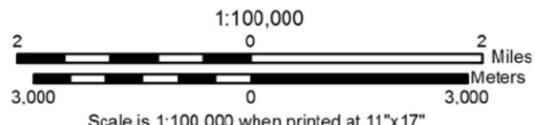
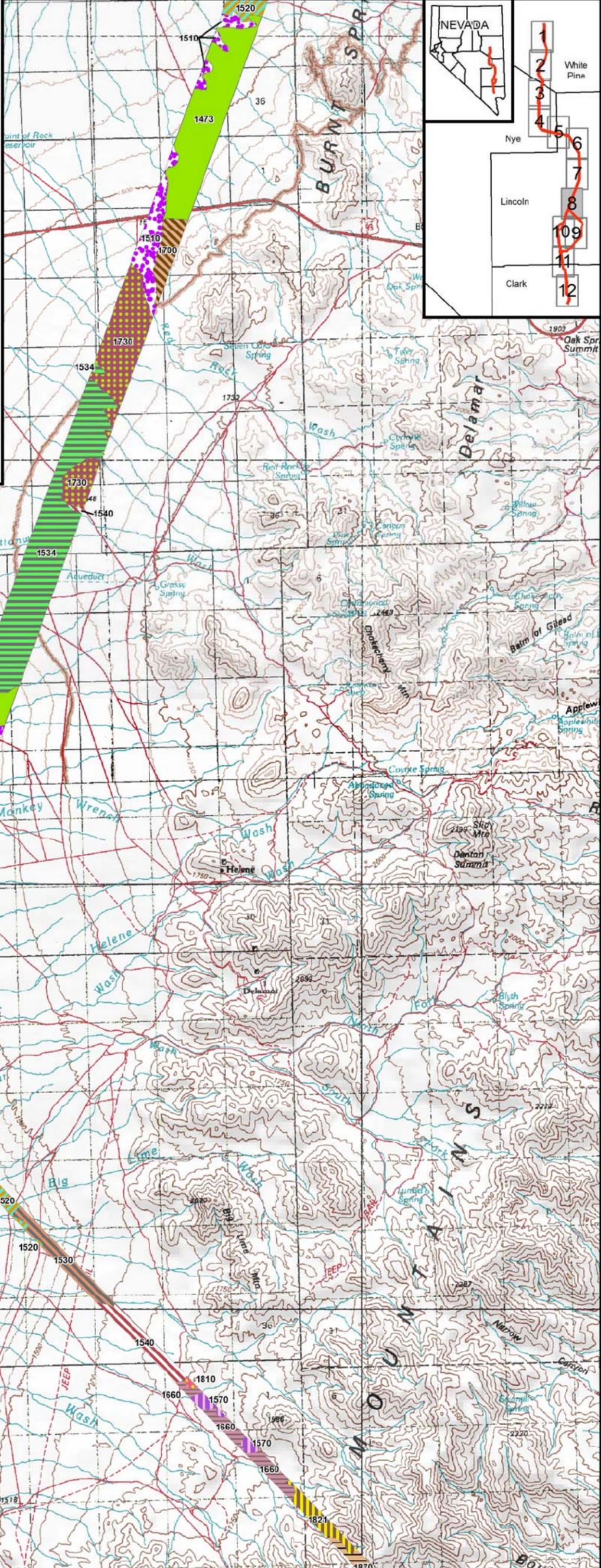


FIGURE 7
SOILS MAP
ON LINE PROJECT

Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

-  1473, Tybo-Leo association, nv754
-  1490, Keefa-Penoyer association, nv754
-  1510, Koyen gravelly sandy loam, 2 to 4 percent slope, nv754
-  1520, Fax-Yody-Broland association, nv754
-  1520, Geer-Penoyer association, nv754
-  1530, Delamar-Leo association, nv754
-  1534, Delamar-Koyen association, nv754
-  1540, Oleman-Leo association, nv754
-  1550, Pahroc-Leo association, nv754
-  1570, Kyler-Eaglepass-Rock outcrop association, nv754
-  1590, Winklo-Wyva association, nv754
-  1660, Dewrust-Veet association, nv754
-  1700, Sierocliiff-Veet association, nv754
-  1730, Cath-Veet association, nv754
-  1741, Slaw silt loam, 0 to 2 percent slopes, nv754
-  1810, Boxspring-Rock outcrop association, nv754
-  1821, Turba-Acti association, nv754
-  1870, Faleria-Laross association, nv754



Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

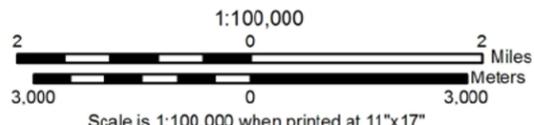
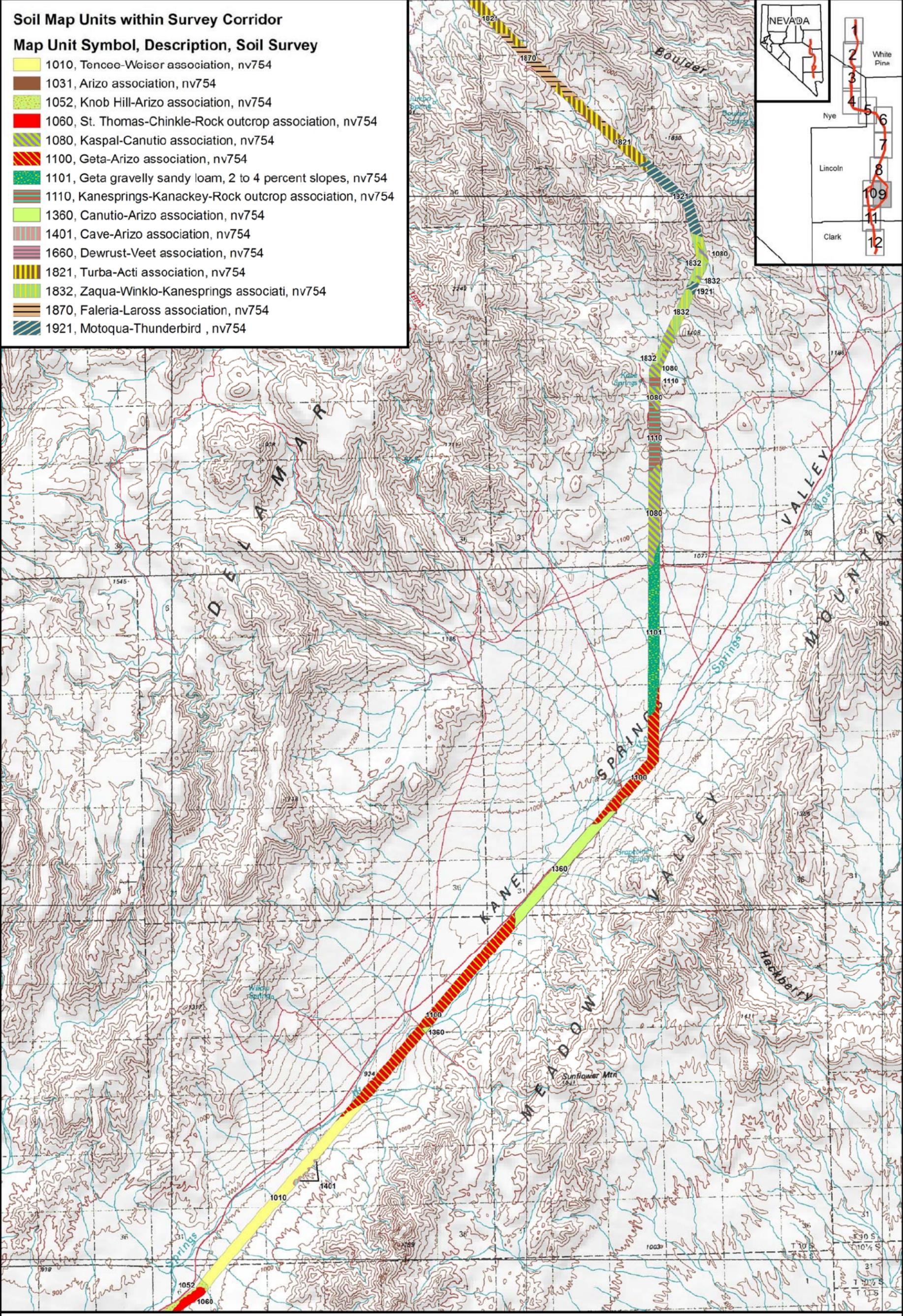


FIGURE 8
SOILS MAP
ON LINE PROJECT

Soil Map Units within Survey Corridor

Map Unit Symbol, Description, Soil Survey

-  1010, Tenocce-Weiser association, nv754
-  1031, Arizo association, nv754
-  1052, Knob Hill-Arizo association, nv754
-  1060, St. Thomas-Chinkle-Rock outcrop association, nv754
-  1080, Kaspal-Canutio association, nv754
-  1100, Geta-Arizo association, nv754
-  1101, Geta gravelly sandy loam, 2 to 4 percent slopes, nv754
-  1110, Kanespings-Kanackey-Rock outcrop association, nv754
-  1360, Canutio-Arizo association, nv754
-  1401, Cave-Arizo association, nv754
-  1660, Dewrust-Veet association, nv754
-  1821, Turba-Acti association, nv754
-  1832, Zaqua-Winklo-Kanespings associati, nv754
-  1870, Faleria-Laross association, nv754
-  1921, Motoqua-Thunderbird , nv754



Source -Soils: USDA NRCS Soil Surveys, nv608, nv611, nv754, nv780, nv783, and nv784
 Base Map: USGS 1:100,000-scale topographic maps

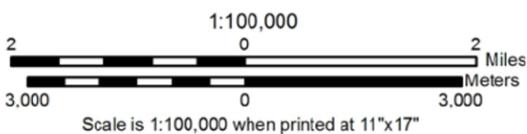


FIGURE 9
SOILS MAP
ON LINE PROJECT