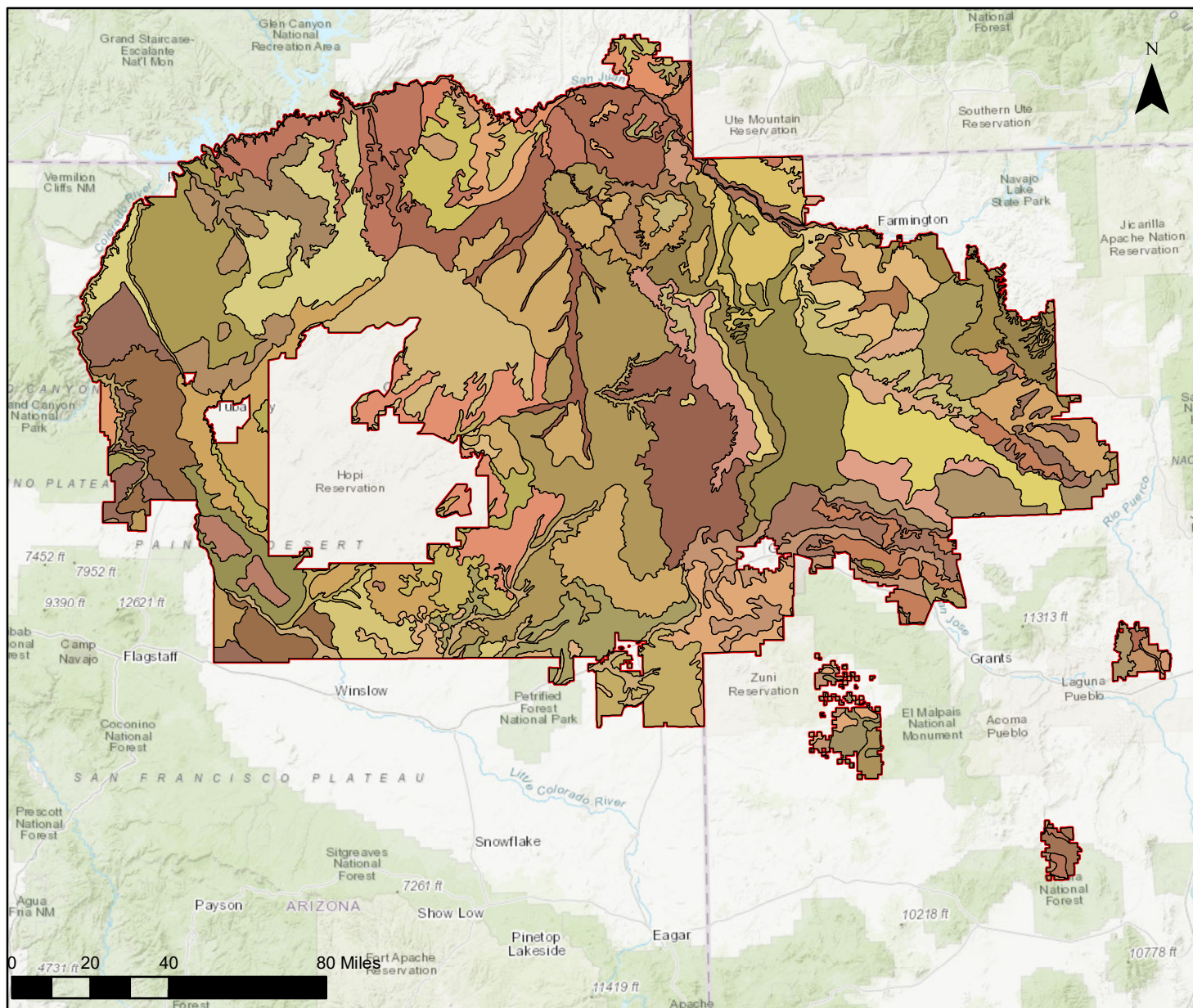


Navajo Nation Soils Order 5 Soils U.S. General Soils Map 2020



Legend

 Navajo Nation	s340	s360	s415	s5092	s5172	s5185	s5225	s5331	s7773
MUSYM	s341	s362	s441	s5112	s5173	s5186	s5227	s5396	s7774
s1417	s342	s363	s442	s5160	s5174	s5187	s5228	s5399	s7938
s1420	s343	s364	s443	s5161	s5175	s5188	s5229	s5400	s7939
s1422	s344	s377	s444	s5164	s5177	s5189	s5233	s5401	s7944
s1424	s345	s383	s445	s5165	s5179	s5192	s5235	s5404	s7945
s318	s348	s384	s452	s5167	s5180	s5193	s5248	s5576	s7947
s319	s351	s392	s466	s5168	s5181	s5194	s5250	s7769	s8104
s337	s355	s393	s490	s5169	s5182	s5197	s5251	s7770	s8189
s338	s356	s394	s495	s5170	s5183	s5213	s5252	s7771	s8369
s339	s357	s398	s5091	s5171	s5184	s5224	s5253	s7772	s9583
									s9584

Order 5 Soils Names and Size on Navajo Nation

MUSYM	Map Unit Name	Acres on Navajo Nation
s318	Torriorthents-Rock outcrop (s318)	123,164.41
s319	Tovar-Toqui-Deama (s319)	13,327.62
s337	Tours saline-Sodic-Riverwash-Jocity saline-Sodic-Ives saline-Sodic-Burnswick (s337)	196,317.82
s338	Marcou-Jocity saline-Sodic-Burnswick (s338)	180,238.46
s339	Wepo-Polacca-Jocity-Jeddito (s339)	57,695.49
s340	Sheppard sodic-Sheppard-Joraibi-Jocity (s340)	213,763.50
s341	Torriorthents-Tewa-Sheppard-Jeddito (s341)	24,873.45
s342	Rock outcrop-Moenkopie (s342)	589,336.63
s343	Nakai-Monue-Blackston (s343)	34,897.05
s344	Purgatory-Epikom-Claysprings-Badland (s344)	1,903.33
s345	Sheppard-Nakai-Monue (s345)	566,221.70
s348	Pennell-Pagina-Kinan (s348)	96,330.44
s351	Wayneco-Sazi-Rock outcrop-Rizno-Palma-Mespin (s351)	244,619.37
s355	Winona-Tusayan-Boysag (s355)	295,913.41
s356	Rock outcrop-Needle-Epikom (s356)	466,884.26
s357	Sheppard-Palma-Hubert-Clovis (s357)	248,512.98
s360	Wupatki-Wukoki-Tuweep (s360)	59,905.86
s362	Rock outcrop (s362)	103,947.40
s363	Sheppard-Grieta (s363)	304,580.94
s364	Ustic Torriorthents-Penistaja-Mido-Begay (s364)	495,889.06
s377	Thunderbird-Springerville-Rudd-Cabezón (s377)	1,843.37
s383	Zyme-Tonalea-Kydestea (s383)	690,721.66
s384	Torriorthents-Badland (s384)	133,782.90
s392	Sogzie-Sheppard-Rock outcrop-Aneth (s392)	583,806.61
s393	Shedado-Rock outcrop-Mespin-Begay-Anasazi (s393)	569,018.64
s394	Ustollic Haplargids-Rock outcrop-Namon (s394)	238,125.41
s398	Sheppard-Rock outcrop-Monue-Moepitz (s398)	222,118.89
s415	Typic Haplustals-Rock outcrop-Eutric Glossoboralfs (s415)	935.71
s441	Rock outcrop-Piute-Bluechief (s441)	900,030.13
s442	Uzona-Shumbegay-Escavada (s442)	1,239,395.03
s443	Millett-Farview-Doakum (s443)	180,035.60
s444	Mido-Blanding-Arches (s444)	83,748.85
s445	Tunitcha-Klizhin-Akhoni (s445)	116,133.39
s452	Telescope-Royosa-Augustine (s452)	616,959.06
s466	Quintana-Kopie (s466)	32,690.00
s490	Nakai-Monue-Blackston (s490)	55,728.56
s495	Torriorthents-Calciorthids-Badland (s495)	45,472.48
s1417	Youngston-Torriorthents	4,932.27
s1420	Rock outcrop-Redlands-Myton family-Moenkopie-Mack-Farb-Badland	12,704.13
s1422	Uzona-Rock outcrop-Myton family-Claysprings (s1422)	55,238.62
s1424	Romberg-Rock outcrop-Rizno-Littlenan-Cragola-Bodot	36.77
s5091	Typic Ustochrepts (s5091)	85.96
s5092	Typic Ustochrepts-Lithic Ustochrepts (s5092)	889.97
s5112	Cumulic Haplustolls (s5112)	493.39
s5160	Viuda-Rock outcrop-Penistaja (s5160)	1,096.93
s5161	Millpaw-Cantina-Cabezón (s5161)	32,493.90
s5164	Rock outcrop-Laporte (s5164)	260,423.61
s5165	Sparank-San Mateo-Penistaja-Mespin (s5165)	24,142.40
s5167	Raton-Lava flows-Charo (s5167)	9,784.59
s5168	Rock outcrop-Flugle-Catman (s5168)	303,552.22
s5169	Rock outcrop-Nogal (s5169)	299,130.70
s5170	Teco-Rock outcrop-Montecito-Cabezón-Atarque (s5170)	55,540.54
s5171	Valnor-Techado-Rock outcrop-Mirabal-Kenray-Cinnadale (s5171)	9,074.98
s5172	Stout-Kiln-Hesperus (s5172)	238,820.84
s5173	Telescope-Royosa (s5173)	83,706.97

Order 5 Soils Names and Size on Navajo Nation

MUSYM	Map Unit Name	Acres on Navajo Nation
s5174	Kimbeto-Farb-Denazar (s5174)	644,144.82
s5175	Turley-Fruitland (s5175)	8,389.02
s5177	Weska-Travessilla-Rock outcrop-Oelop (s5177)	407,321.13
s5179	Persayo-Farb-Blancot-Badland (s5179)	169,652.11
s5180	Shiprock-Sheppard-Doak-Blancot (s5180)	231,275.97
s5181	Sheppard-Badland (s5181)	137,561.11
s5182	Sheppard-Notal-Huerfaco (s5182)	233,756.56
s5183	Rock outcrop-Badland(s5183)	158,926.59
s5184	Persayo-Fruitland-Blancot-Badland (s5184)	31,243.06
s5185	Shiprock-Sheppard-Avalon (s5185)	197,963.12
s5186	Uffens-Shiprock-Sheppard-Doak (s5186)	99,239.93
s5187	Orlie-Gobernador (s5187)	3,540.06
s5188	Sparank-San Mateo-Pinavetes-Florita (s5188)	26,838.67
s5189	Sedale-Penistaja (s5189)	9,309.01
s5192	Royosa-Pinitos (s5192)	6,946.88
s5193	Tsosie-Lybrook (s5193)	7.77
s5194	Ruson-Nalivag(s5194)	14.59
s5197	Menefee-Calendar-Berryman(s5197)	3,716.08
s5213	Tome-Bluepoint-Armijo-Adelino (s5213)	4,000.77
s5224	Silver-Penistaja (s5224)	29,700.83
s5225	Shingle-Kim (s5225)	8,982.82
s5227	Vinton-Kokan-Kim-Badland (s5227)	8,678.64
s5228	Tocito-Mesa-Cudei-Badland (s5228)	74,207.63
s5229	Persayo-Nataani-Littlehat-Awet (s5229)	376,595.22
s5233	Sparank-Sandoval-Querencia (s5233)	620.80
s5235	Zia-Sandoval-Rock outcrop (s5235)	303,160.59
s5248	Sparank-Sheppard-Fajada (s5248)	412,606.64
s5250	Rock outcrop-Mion-Atarque (s5250)	268,740.83
s5251	Kiki-Doak (s5251)	152,562.76
s5252	Doakum-Betonnies (s5252)	80,784.38
s5253	Tsosie-Councilor-Blancot (s5253)	213,977.92
s5331	Thunderbird-Rudd-Hubbell-Cabezon (s5331)	1,303.59
s5396	Loarc-Guy-Dioxice-Datil (s5396)	17,374.32
s5399	Rock outcrop-Motoqua-Mion-Abrazo (s5399)	1,980.25
s5400	Travessilla-Rock outcrop-Puertecito (s5400)	35,352.95
s5401	Lapdun-Datil-Celsosprings-Casajo (s5401)	4,551.58
s5404	Weska-Travessilla-Rock outcrop-Dulce (s5404)	1,411.74
s5576	St. Thomas-Rock outcrop-Kyler (s5576)	70,678.24
s7769	Witt-Sharps-Ruinpoint-Rizno-Cahona (s7769)	16,144.60
s7770	Sheppard-Rock outcrop-Oljeto-Neskahi-Mota (s7770)	134,124.26
s7771	Rock outcrop-Piute-Moenkopie-Hoskinnini (s7771)	62,785.29
s7772	Whit-Sogzie-Sheppard-Rock outcrop (s7772)	26,900.82
s7773	Rock outcrop-Piute-Pickrell-Badland (s7773)	40,399.04
s7774	Rock outcrop-Lithic Torriorthents-Badland (s7774)	585,279.84
s7938	Ruinpoint-Rizno-Cahona (s7938)	25,800.26
s7939	Rock outcrop-Rizno-Mellenthin-Littlenan-Bodot (s7939)	4,327.91
s7944	Rock outcrop-Myton family-Moenkopie (s7944)	116,040.84
s7945	Nakai-Limeridge-Bluechief (s7945)	0.03
s7947	Sheppard-Rock outcrop-Piute (s7947)	260.62
s8104	Tosser-Sitar-Hiko Peak (s8104)	47,917.65
s8189	Rock outcrop-Clapper-Badland (s8189)	1.57
s8369	Water (s8369)	51,543.06
s9583	Torriorthents-Marcou-Claysprings-Burnswick-Badland (s9583)	50,877.44
s9584	Strych-Rock outcrop-Monue (s9584)	149,398.88

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s318:						
Torriorthents-Rock outcrop (s318)	90	Rock outcrop	Miscellaneous area	0	50	99
	10	Torriorthents	Taxon above family	35	67	99
s319:						
Tovar-Toqui-Deama (s319)	70	Deama	Series	0	4	8
	15	Toqui	Series	0	4	8
	15	Tovar	Series	15	38	60
s337:						
Tours saline-Sodic-Riverwash-Jocity saline-Sodic-Ives saline-Sodic-Burnswick (s337)	23	Tours	Series	1	2	3
	21	Burnswick	Series	1	3	5
	17	Jocity	Series	1	2	3
	11	Ives	Series	0	1	1
	11	Riverwash	Miscellaneous area	0	3	5
	6	Trail	Series	0	2	3
	6	Typic Torrifluents	Taxon above family	0	3	5
	4	Navajo	Series	1	2	3
	1	Rock outcrop	Miscellaneous area	1	11	20
s338:						
Marcou-Jocity saline-Sodic-Burnswick (s338)	42	Burnswick	Series	1	3	5
	28	Marcou	Series	1	5	8
	22	Jocity	Series	1	2	3
	7	Claysprings	Series	1	6	10
	1	Rock outcrop	Miscellaneous area	1	11	20

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s339:						
Wepo-Polacca-Jocity-Jeddito (s339)						
	25	Jocity	Series	0	2	3
	20	Polacca	Series	0	2	3
	16	Wepo	Series	0	2	3
	13	Jeddito	Series	0	3	5
	9	Tewa	Series	1	3	5
	8	Sheppard	Series	1	5	8
	7	Monue	Series	1	5	8
	2	Rock outcrop	Miscellaneous area	5	33	60
s340:						
Sheppard sodic-Sheppard-Joraibi-Jocity (s340)						
	30	Sheppard	Series	1	8	15
	28	Sheppard	Series	1	5	8
	21	Jocity	Series	0	2	3
	10	Joraibi	Series	0	1	2
	6	Jocity	Series	0	1	2
	5	Torriorthents	Taxon above family	10	23	35
s341:						
Torriorthents-Tewa-Sheppard-Jeddito (s341)						
	31	Jeddito	Series	0	3	5
	23	Tewa	Series	1	3	5
	15	Sheppard	Series	1	5	8
	10	Torriorthents	Taxon above family	10	23	35
	9	Mido	Series	1	8	15
	6	Monue	Series	1	5	8

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s341: Torriorthents-Tewa-Sheppard-Jeddito (s341)	6	Rock outcrop	Miscellaneous area	5	33	60
s342: Rock outcrop-Moenkopie (s342)	50	Rock outcrop	Miscellaneous area	2	5	8
	25	Moenkopie	Series	2	5	8
	5	Bluechief	Series	2	5	8
	5	Casmos family	Family	2	5	8
	5	Monue family	Family	2	5	8
	5	Nakai	Series	2	5	8
	5	Sheppard	Series	2	5	8
s343: Nakai-Monue-Blackston (s343)	40	Monue	Series	2	4	6
	40	Nakai	Series	1	5	8
	20	Blackston	Series	0	1	2
s344: Purgatory-Epikom-Claysprings-Badland (s344)	48	Purgatory	Series	1	5	8
	23	Claysprings	Series	1	6	10
	15	Badland	Miscellaneous area	1	16	30
	11	Epikom	Series	1	7	12
	3	Rock outcrop	Miscellaneous area	1	11	20
s345: Sheppard-Nakai-Monue (s345)	32	Sheppard	Series	1	5	8
	26	Monue	Series	1	5	8

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s345:						
Sheppard-Nakai-Monue (s345)						
	24	Nakai	Series	1	3	5
	9	Typic Torriorthents	Taxon above family	10	23	35
	7	Tewa	Series	1	3	5
	2	Rock outcrop	Miscellaneous area	0	50	99
s348:						
Pennell-Pagina-Kinan (s348)						
	50	Kinan	Series	4	10	15
	35	Pennell	Series	4	10	15
	15	Pagina	Series	1	8	15
s351:						
Wayneco-Sazi-Rock outcrop-Rizno-Palma-Mespun (s351)						
	30	Palma	Series	2	5	8
	20	Mespun	Series	2	9	15
	15	Sazi	Series	2	5	8
	10	Rizno	Series	3	9	15
	10	Rock outcrop	Miscellaneous area	2	16	30
	10	Wayneco	Series	2	3	3
	5	Mellenthin	Series	4	17	30
s355:						
Winona-Tusayan-Boysag (s355)						
	65	Winona	Series	1	6	10
	20	Tusayan	Series	1	3	5
	15	Boysag	Series	1	6	10
s356:						
Rock outcrop-Needle-Epikom (s356)						
	61	Epikom	Series	1	7	12
	26	Rock outcrop	Miscellaneous area	1	6	10

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s356: Rock outcrop-Needle-Epikom (s356)	13	Needle	Series	1	6	10
s357: Sheppard-Palma-Hubert-Clovis (s357)	45	Clovis	Series	1	2	3
	25	Palma	Series	0	4	8
	20	Sheppard	Series	1	5	8
	10	Hubert	Series	0	4	8
s360: Wupatki-Wukoki-Tuweep (s360)	40	Tuweep	Series	0	8	15
	35	Wukoki	Series	1	8	15
	25	Wupatki	Series	0	8	15
s362: Rock outcrop (s362)	80	Rock outcrop	Miscellaneous area	2	36	70
	3	Arches	Series	2	9	15
	3	Batterson	Series	2	24	45
	3	Bond family	Family	1	6	10
	3	Lava flows	Miscellaneous area	2	14	25
	3	Magotsu	Series	2	11	20
	3	Yaki	Series	3	19	35
	2	Cinder land	Miscellaneous area	15	45	75
s363: Sheppard-Grieta (s363)	62	Grieta	Series	3	7	10
	38	Sheppard	Series	1	7	12

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s364:						
Ustic Torriorthents-Penistaja-Mido-Begay (s364)						
	31	Begay	Series	1	5	8
	29	Penistaja	Series	1	5	8
	19	Mido	Series	1	8	15
	14	Ustic Torriorthents	Taxon above family	10	23	35
	7	Rock outcrop	Miscellaneous area	5	33	60
s377:						
Thunderbird-Springerville-Rudd-Cabazon (s377)						
	60	Thunderbird	Series	2	16	30
	15	Cabazon	Series	2	16	30
	15	Rudd	Series	0	8	15
	10	Springerville	Series	0	10	20
s383:						
Zyme-Tonalea-Kydestea (s383)						
	41	Kydestea	Series	5	28	50
	17	Zyme	Series	5	28	50
	14	Tonalea	Series	5	13	20
	9	Ustic Torriorthents	Taxon above family	5	33	60
	7	Rock outcrop	Miscellaneous area	5	33	60
	6	Begay	Series	1	5	8
	6	Penistaja	Series	1	5	8
s384:						
Torriorthents-Badland (s384)						
	57	Torriorthents	Taxon above family	10	23	35
	29	Badland	Miscellaneous area	8	29	50
	6	Monue	Series	1	5	8

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s384:						
Torriorthents-Badland (s384)	5	Sheppard	Series	1	5	8
	3	Rock outcrop	Miscellaneous area	5	33	60
s392:						
Sogzie-Sheppard-Rock outcrop-Aneth (s392)	45	Aneth	Series	0	4	8
	35	Sheppard	Series	3	8	12
	10	Rock outcrop	Miscellaneous area	0	15	30
	10	Sogzie	Series	1	5	8
s393:						
Shedado-Rock outcrop-Mespun-Begay-Anasazi (s393)	25	Begay	Series	1	8	15
	25	Shedado	Series	1	7	12
	20	Anasazi	Series	3	9	15
	15	Mespun	Series	0	10	20
	15	Rock outcrop	Miscellaneous area	0	8	15
s394:						
Ustollic Haplargids-Rock outcrop-Namon (s394)	40	Namon	Series	3	27	50
	30	Rock outcrop	Miscellaneous area	0	40	80
	30	Ustollic Haplargids	Taxon above family	10	25	40
s398:						
Sheppard-Rock outcrop-Monue-Moepitz (s398)	35	Monue	Series	1	5	8
	25	Moepitz	Series	1	5	8
	25	Sheppard	Series	3	8	12
	10	Rock outcrop	Miscellaneous area	2	7	12

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s398: Sheppard-Rock outcrop-Monue-Moepitz (s398)	5	Deleco	Series	2	11	20
s415: Typic HaplustalFs-Rock outcrop-Eutric Glossoboralfs (s415)	40	Eutric Glossoboralfs	Taxon above family	40	60	80
	40	Typic HaplustalFs	Taxon above family	40	45	50
	20	Rock outcrop	Miscellaneous area	0	50	99
s441: Rock outcrop-Piute-Bluechief (s441)	55	Piute	Series	3	17	30
	30	Bluechief	Series	1	5	8
	15	Rock outcrop	Miscellaneous area	1	36	70
s442: Uzona-Shumbegay-Escavada (s442)	40	Shumbegay	Series	0	13	25
	35	Uzona	Series	0	2	3
	25	Escavada	Series	0	1	1
s443: Millett-Farview-Doakum (s443)	60	Farview	Series	1	6	10
	25	Millett	Series	3	9	15
	15	Doakum	Series	0	5	9
s444: Mido-Blanding-Arches (s444)	50	Arches	Series	2	9	15
	35	Blanding	Series	2	6	10
	15	Mido	Series	0	5	10

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s445:						
Tunitcha-Klizhin-Akhoni (s445)						
	55	Akhoni	Series	3	17	30
	25	Tunitcha	Series	45	53	60
	20	Klizhin	Series	1	33	65
s452:						
Telescope-Royosa-Augustine (s452)						
	45	Augustine	Series	1	4	6
	40	Telescope	Series	0	5	10
	15	Royosa	Series	0	8	15
s466:						
Quintana-Kopie (s466)						
	60	Kopie	Series	1	8	15
	40	Quintana	Series	0	8	15
s490:						
Nakai-Monue-Blackston (s490)						
	40	Monue	Series	2	4	6
	40	Nakai	Series	1	5	8
	20	Blackston	Series	0	1	2
s495:						
Torriorthents-Calciorthids-Badland (s495)						
	60	Badland	Miscellaneous area	1	26	50
	25	Torriorthents	Taxon above family	3	27	50
	15	Calciorthids	Taxon above family	10	20	30
s1417:						
Youngston-Torrifluvents (s1417)						
	70	Youngston	Series	0	3	6
	30	Torrifluvents	Taxon above family	0	2	3

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s1420: Rock outcrop-Redlands-Myton family-Moenkopie-Mack-Farb-Badland (s1420)						
	20	Farb	Series	3	8	12
	20	Mack	Series	0	3	6
	15	Redlands	Series	0	3	6
	15	Rock outcrop	Miscellaneous area	3	42	80
	10	Badland	Miscellaneous area	10	55	99
	10	Moenkopie	Series	2	11	20
	10	Myton family	Family	12	41	70
s1422: Uzona-Rock outcrop-Myton family-Claysprings (s1422)						
	65	Claysprings	Series	3	34	65
	15	Myton family	Family	12	41	70
	10	Rock outcrop	Miscellaneous area	12	46	80
	10	Uzona	Series	3	8	12
s1424: Romberg-Rock outcrop-Rizno-Littlenan-Cragola-Bodot (s1424)						
	20	Cragola	Series	6	43	80
	20	Rizno	Series	3	9	15
	20	Romberg	Series	6	28	50
	15	Littlenan	Series	3	12	20
	15	Rock outcrop	Miscellaneous area	6	43	80
	10	Bodot	Series	20	35	50
s5091: Typic Ustochrepts (s5091)						
	100	Typic Ustochrepts	Taxon above family	15	18	20

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5092:						
Typic Ustochrepts-Lithic Ustochrepts (s5092)						
	60	Typic Ustochrepts	Taxon above family	0	8	15
	40	Lithic Ustochrepts	Taxon above family	1	18	35
s5112:						
Cumulic Haplustolls (s5112)						
	100	Cumulic Haplustolls	Family	2	4	5
s5160:						
Viuda-Rock outcrop-Penistaja (s5160)						
	40	Viuda	Series	2	6	10
	39	Penistaja	Series	1	3	5
	13	Rock outcrop	Miscellaneous area	0	50	99
	4	Aparejo	Series	1	3	5
	4	Venadito	Series	1	3	5
s5161:						
Millpaw-Cantina-Cabazon (s5161)						
	33	Cabazon	Series	1	4	7
	24	Cantina	Series	1	2	3
	17	Millpaw	Series	0	3	5
	8	Montecito	Series	1	3	5
	7	Rock outcrop	Miscellaneous area	0	50	99
	3	Bandera	Series	20	33	45
	3	Ildefonso	Series	20	35	50
	3	Torreón	Series	15	25	35
	2	Loarc	Series	1	6	10
s5164:						
Rock outcrop-Laporte (s5164)						
	54	Laporte	Series	3	12	20
	36	Rock outcrop	Miscellaneous area	0	50	99

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5164:						
Rock outcrop-Laporte (s5164)						
	4	Vessilla	Series	3	9	15
	2	Atarque	Series	2	6	10
	2	Flugle	Series	1	5	8
	2	Mion	Series	3	29	55
s5165:						
Sparank-San Mateo-Penistaja-Mespun (s5165)						
	30	Penistaja	Series	1	2	3
	18	Sparank	Series	1	2	3
	15	San Mateo	Series	1	2	3
	10	Mespun	Series	3	8	12
	9	Palma	Series	1	4	7
	7	Rock outcrop	Miscellaneous area	0	50	99
	6	Mikim	Series	1	3	5
	3	Venadito	Series	0	1	1
	2	Mion	Series	15	40	65
s5167:						
Raton-Lava flows-Charo (s5167)						
	30	Raton	Series	2	6	10
	27	Charo	Series	1	3	5
	27	Lava flows	Miscellaneous area	0	45	90
	6	Rock outcrop	Miscellaneous area	0	50	99
	5	Bandera	Series	30	38	45
	5	Borrego	Series	2	6	10
s5168:						
Rock outcrop-Flugle-Catman (s5168)						
	25	Flugle	Series	3	6	8

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5168:						
Rock outcrop-Flugle-Catman (s5168)						
	13	Rock outcrop	Miscellaneous area	0	50	99
	11	Catman	Series	1	3	5
	7	Celacy	Series	1	3	5
	7	Quintana	Series	5	10	15
	6	Silkie	Series	3	7	10
	6	Teco	Series	1	3	4
	5	Mion	Series	3	29	55
	5	Vessilla	Series	3	29	55
	4	Atarque	Series	2	6	10
	4	Goesling	Series	1	5	8
	4	Venadito	Series	0	3	5
	3	Hickman	Series	2	4	6
s5169:						
Rock outcrop-Nogal (s5169)						
	22	Rock outcrop	Miscellaneous area	0	50	99
	13	Nogal	Series	1	6	10
	9	Galestina	Series	1	5	8
	9	Mion	Series	3	29	55
	9	Pinitos	Series	2	6	10
	9	Vessilla	Series	3	29	55
	6	Ribera	Series	1	6	10
	5	Flugle	Series	3	6	8
	5	Montecito	Series	1	8	15
	5	Teco	Series	1	3	4

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5169:						
Rock outcrop-Nogal (s5169)						
	4	Catman	Series	1	2	3
	4	Hickman	Series	2	4	6
s5170:						
Teco-Rock outcrop-Montecito-Cabazon-Atarque (s5170)						
	40	Teco	Series	2	4	5
	17	Cabazon	Series	2	6	10
	15	Atarque	Series	1	5	8
	14	Montecito	Series	1	3	5
	11	Rock outcrop	Miscellaneous area	0	50	99
	3	Torreon	Series	15	25	35
s5171:						
Valnor-Techado-Rock outcrop-Mirabal-Kenray-Cinnadale (s5171)						
	19	Cinnadale	Series	1	8	15
	17	Valnor	Series	2	5	7
	15	Techado	Series	5	15	25
	12	Kenray	Series	3	9	15
	10	Mirabal	Series	2	9	15
	10	Rock outcrop	Miscellaneous area	0	50	99
	8	Abersito	Series	5	8	10
	3	McGaffey	Series	1	3	5
	3	Stout	Series	3	7	10
	3	Stout	Series	3	9	15
s5172:						
Stout-Kiln-Hesperus (s5172)						
	45	Stout	Series	3	9	15

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5172:						
Stout-Kiln-Hesperus (s5172)						
	35	Hesperus	Series	3	5	6
	20	Kiln	Series	3	6	8
s5173:						
Telescope-Royosa (s5173)						
	45	Royosa	Series	5	15	25
	30	Royosa	Series	5	15	25
	25	Telescope	Series	0	5	10
s5174:						
Kimbeto-Farb-Denazar (s5174)						
	15	Kimbeto	Series	0	2	4
	11	Denazar	Series	1	2	3
	10	Farb	Series	2	14	25
	8	Tocito	Series	1	2	3
	7	Jeddito	Series	0	2	3
	6	Tewa	Series	1	2	3
	5	Huerfano	Series	0	2	3
	5	Shiprock	Series	1	3	5
	4	Benally	Series	1	2	3
	4	Werito	Series	1	2	3
	3	Badland	Miscellaneous area	1	50	99
	3	Brimhall	Series	1	2	3
	3	Genats	Series	15	30	45
	3	Nakai	Series	1	5	8
	3	Rock outcrop	Miscellaneous area	0	50	99
	2	Benally	Series	0	1	2

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5174:						
Kimbeto-Farb-Denazar (s5174)						
	2	Mack	Series	1	3	4
	2	Mesa	Series	1	3	4
	2	Suwanee	Series	1	2	3
	1	Notal	Series	0	1	2
	1	Sheppard	Series	1	5	8
s5175:						
Turley-Fruitland (s5175)						
	37	Fruitland	Series	2	4	5
	29	Turley	Series	1	2	3
	8	Garland	Series	0	2	3
	8	Walrees	Series	0	1	2
	6	Apishapa	Series	0	1	1
	6	Werlog	Series	0	1	1
	4	Green River	Series	0	1	1
	2	Youngston	Series	0	1	1
s5177:						
Weska-Travessilla-Rock outcrop-Oelop (s5177)						
	30	Rock outcrop	Miscellaneous area	0	50	99
	27	Travessilla	Series	20	30	40
	19	Weska	Series	20	30	40
	13	Oelop	Series	0	3	5
	3	Blancot	Series	0	3	5
	3	Notal	Series	0	1	2
	3	Twick	Series	0	13	25
	2	Silver	Series	0	5	10

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5179:						
Persayo-Farb-Blancot-Badland (s5179)						
	20	Badland	Miscellaneous area	1	50	99
	16	Persayo	Series	3	17	30
	12	Farb	Series	3	17	30
	10	Blancot	Series	0	3	5
	8	Rock outcrop	Miscellaneous area	0	50	99
	7	Blackston	Series	8	24	40
	7	Fruitland	Series	0	4	8
	6	Sheppard	Series	0	8	15
	5	Stumble	Series	0	4	8
	4	Notal	Series	0	1	2
	3	Riverwash	Miscellaneous area	0	1	2
	2	Shiprock	Series	0	3	5
s5180:						
Shiprock-Sheppard-Doak-Blancot (s5180)						
	35	Doak	Series	0	3	5
	25	Sheppard	Series	5	18	30
	12	Shiprock	Series	0	3	5
	11	Blancot	Series	0	3	5
	7	Fruitland	Series	5	18	30
	6	Notal	Series	0	1	2
	2	Persayo	Series	5	18	30
	1	Badland	Miscellaneous area	1	50	99
	1	Stumble	Series	0	4	8

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5181:						
Sheppard-Badland (s5181)						
	44	Badland	Miscellaneous area	1	50	99
	11	Sheppard	Series	5	7	8
	9	Monierco	Series	0	4	8
	7	Rock outcrop	Miscellaneous area	0	50	99
	5	Fruitland	Series	5	18	30
	5	Huerfano	Series	0	2	3
	4	Notal	Series	0	1	2
	3	Avalon	Series	3	4	5
	3	Doak	Series	0	2	3
	3	Persayo	Series	3	17	30
	2	Blancot	Series	0	3	5
	2	Shiprock	Series	0	3	5
	2	Uffens	Series	0	2	3
s5182:						
Sheppard-Notal-Huerfano (s5182)						
	27	Sheppard	Series	0	8	15
	26	Huerfano	Series	0	2	3
	14	Notal	Series	0	1	2
	8	Shiprock	Series	0	3	5
	6	Muff	Series	0	4	8
	4	Blancot	Series	0	3	5
	3	Avalon	Series	0	3	5
	3	Badland	Miscellaneous area	1	50	99
	3	Doak	Series	0	2	3

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5182:						
Sheppard-Notal-Huerfano (s5182)						
	3	Uffens	Series	0	2	3
	2	Monierco	Series	0	4	8
	1	Rock outcrop	Miscellaneous area	0	50	99
s5183:						
Rock outcrop-Badland (s5183)						
	65	Badland	Miscellaneous area	1	50	99
	22	Rock outcrop	Miscellaneous area	0	50	99
	8	Riverwash	Miscellaneous area	0	1	2
	3	Blancot	Series	0	3	5
	2	Notal	Series	0	1	2
s5184:						
Persayo-Fruitland-Blancot-Badland (s5184)						
	45	Badland	Miscellaneous area	1	50	99
	17	Fruitland	Series	5	18	30
	11	Blancot	Series	0	3	5
	11	Persayo	Series	3	17	30
	9	Sheppard	Series	0	8	15
	7	Notal	Series	0	1	2
s5185:						
Shiprock-Sheppard-Avalon (s5185)						
	38	Shiprock	Series	0	3	5
	33	Avalon	Series	5	7	8
	15	Sheppard	Series	0	8	15
	9	Mayqueen	Series	0	1	2
	5	Doak	Series	0	3	5

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5186: Uffens-Shiprock-Sheppard-Doak (s5186)						
	35	Doak	Series	0	3	5
	21	Uffens	Series	0	3	5
	12	Sheppard	Series	0	8	15
	11	Shiprock	Series	0	3	5
	9	Avalon	Series	0	3	5
	7	Mayqueen	Series	0	1	2
	3	Fruitland	Series	5	18	30
	1	Huerfano	Series	0	2	3
	1	Monierco	Series	0	4	8
s5187: Orlie-Gobernador (s5187)						
	60	Gobernador	Series	0	1	2
	35	Orlie	Series	1	3	5
	5	Sparham	Series	0	2	3
s5188: Sparank-San Mateo-Pinavetes-Florita (s5188)						
	32	Sparank	Series	0	2	3
	26	Pinavetes	Series	0	2	3
	21	San Mateo	Series	0	1	2
	17	Florita	Series	2	4	6
	4	Riverwash	Miscellaneous area	0	1	2
s5189: Sedale-Penistaja (s5189)						
	73	Penistaja	Series	2	5	8
	13	Sedale	Series	5	13	20

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5189:						
Sedale-Penistaja (s5189)						
	7	Menefee	Series	5	13	20
	4	Rock outcrop	Miscellaneous area	0	50	99
	3	Hosta	Series	3	4	5
s5192:						
Royosa-Pinitos (s5192)						
	70	Pinitos	Series	2	6	10
	30	Royosa	Series	1	5	8
s5193:						
Tsosie-Lybrook (s5193)						
	65	Lybrook	Series	0	1	2
	35	Tsosie	Series	1	2	3
s5194:						
Ruson-Nalivag (s5194)						
	60	Nalivag	Series	2	5	8
	40	Ruson	Series	0	2	3
s5197:						
Menefee-Calendar-Berryman (s5197)						
	50	Berryman	Series	3	7	10
	30	Menefee	Series	2	16	30
	20	Calendar	Series	5	20	35
s5213:						
Tome-Bluepoint-Armijo-Adelino (s5213)						
	34	Armijo	Series	0	1	1
	20	Tome	Series	0	1	1
	15	Bluepoint	Series	1	5	9
	15	Tome	Series	0	2	3
	11	Adelino	Series	0	2	3
	5	Adelino	Series	1	2	3

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5224: Silver-Penistaja (s5224)						
	67	Penistaja	Series	1	3	5
	13	Silver	Series	0	1	2
	6	Otero	Series	1	5	8
	5	Shingle	Series	2	5	8
	5	Travessilla	Series	1	8	15
	4	Badland	Miscellaneous area	1	50	99
s5225: Shingle-Kim (s5225)						
	48	Kim	Series	1	5	8
	36	Shingle	Series	2	5	8
	6	Badland	Miscellaneous area	1	50	99
	6	Gila	Series	0	1	2
	4	Hantz	Series	0	1	2
s5227: Vinton-Kokan-Kim-Badland (s5227)						
	39	Kokan	Series	10	25	40
	34	Vinton	Series	1	2	3
	11	Badland	Miscellaneous area	1	50	99
	11	Kim	Series	1	5	8
	5	Pajarito	Series	1	3	5
s5228: Tocito-Mesa-Cudei-Badland (s5228)						
	20	Badland	Miscellaneous area	1	26	50
	20	Cudei	Series	15	33	50
	12	Tocito	Series	1	2	3
	9	Blackston	Series	2	4	5

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5228:						
Tocito-Mesa-Cudei-Badland (s5228)						
	9	Kimbeto	Series	0	3	5
	6	Mesa	Series	0	1	1
	5	Fruitland	Series	1	2	3
	5	Water	Miscellaneous area	---	---	---
	4	Mesa	Series	0	1	1
	3	Camac	Series	15	38	60
	3	Turley	Series	1	2	3
	2	Rock outcrop	Miscellaneous area	0	25	50
	1	Riverwash	Miscellaneous area	0	1	2
	1	Sheppard	Series	3	4	5
s5229:						
Persayo-Nataani-Littlehat-Awet (s5229)						
	27	Littlehat	Series	1	8	15
	25	Persayo	Series	1	3	5
	12	Lawet	Series	1	2	3
	10	Nataani	Series	1	3	5
	7	Nakai	Series	1	2	3
	4	Badland	Miscellaneous area	1	8	15
	4	Gyptur	Series	0	1	2
	4	Tsebitai	Series	1	2	3
	3	Benally	Series	1	2	2
	2	Rock outcrop	Miscellaneous area	0	8	15
	1	Gullied land	Miscellaneous area	0	50	99
	1	Tocito	Series	1	2	3

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5233:						
Sparank-Sandoval-Querencia (s5233)						
	44	Querencia	Series	1	5	8
	35	Sandoval	Series	3	9	15
	14	Sparank	Series	0	2	3
	2	San Mateo	Series	0	2	3
	2	Skyvillage	Series	3	12	20
	2	Zia	Series	2	5	8
	1	Rock outcrop	Miscellaneous area	0	50	99
s5235:						
Zia-Sandoval-Rock outcrop (s5235)						
	40	Rock outcrop	Miscellaneous area	0	50	99
	20	Zia	Series	8	17	25
	11	Sandoval	Series	3	9	15
	6	San Mateo	Series	0	2	3
	5	Penistaja	Series	1	3	5
	5	Saido	Series	5	23	40
	5	Skyvillage	Series	3	12	20
	4	Hagerman	Series	1	3	5
	3	Sparank	Series	0	1	1
	1	Querencia	Series	2	5	8
s5248:						
Sparank-Sheppard-Fajada (s5248)						
	50	Sheppard	Series	1	5	8
	30	Fajada	Series	1	3	5
	20	Sparank	Series	0	3	5

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5250: Rock outcrop-Mion-Atarque (s5250)	50	Mion	Series	3	24	45
	30	Rock outcrop	Miscellaneous area	0	50	99
	20	Atarque	Series	1	5	8
s5251: Kiki-Doak (s5251)	60	Doak	Series	0	3	5
	40	Kiki	Series	3	6	8
s5252: Doakum-Betonnies (s5252)	60	Doakum	Series	1	3	5
	40	Betonnies	Series	2	5	8
s5253: Tsosie-Councilor-Blancot (s5253)	50	Blancot	Series	1	2	3
	30	Councilor	Series	2	6	10
	20	Tsosie	Series	1	2	3
s5331: Thunderbird-Rudd-Hubbell-Cabezon (s5331)	16	Cabezon	Series	3	14	25
	13	Hubbell	Series	1	5	9
	12	Thunderbird	Series	3	9	15
	10	Rudd	Series	3	9	15
	9	Veteado	Series	1	3	4
	8	Modyon	Series	3	9	15
	8	Penistaja	Series	1	3	5
	7	Celsosprings	Series	3	6	8
	5	Ceniza	Series	1	8	15

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5331: Thunderbird-Rudd-Hubbell-Cabazon (s5331)						
	3	Abrazo	Series	2	6	10
	3	Apache	Series	6	11	15
	3	Flaco	Series	1	5	8
	3	Gatlin	Series	1	8	15
s5396: Loarc-Guy-Dioxice-Datil (s5396)						
	33	Datil	Series	1	13	25
	15	Loarc	Series	1	7	12
	11	Guy	Series	1	8	15
	10	Dioxice	Series	1	5	8
	6	Millpaw	Series	0	4	7
	4	Gustspring	Series	1	4	7
	4	Hiarc	Series	1	3	5
	3	Amenson	Series	1	4	7
	3	Joachem	Series	3	9	15
	3	Landavaso	Series	1	3	5
	3	Pena	Series	2	5	8
	3	Ralphston	Series	1	5	9
	2	Rock outcrop	Miscellaneous area	0	50	99
s5399: Rock outcrop-Motoqua-Mion-Abrazo (s5399)						
	30	Rock outcrop	Miscellaneous area	0	50	99
	26	Motoqua	Series	15	33	50
	17	Mion	Series	2	16	30

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5399: Rock outcrop-Motoqua-Mion-Abrazo (s5399)	12	Abrazo	Series	15	33	50
	5	Gustspring	Series	5	10	15
	4	Travessilla	Series	2	16	30
	3	Goldust	Series	15	23	30
	3	Parquat	Series	5	10	15
s5400: Travessilla-Rock outcrop-Puertecito (s5400)	44	Puertecito	Series	5	30	55
	25	Rock outcrop	Miscellaneous area	0	50	99
	18	Travessilla	Series	1	6	10
	5	Mion	Series	2	6	10
	4	La Fonda	Series	1	3	5
	4	San Mateo	Series	1	3	5
s5401: Lapdun-Datil-Celsosprings-Cascajo (s5401)	14	Datil	Series	5	13	20
	13	Lapdun	Series	1	16	30
	12	Cascajo	Series	15	23	30
	11	Celsosprings	Series	1	5	8
	9	Majada	Series	1	5	8
	8	Millett	Series	1	8	15
	6	Sedillo	Series	1	8	15
	5	Alegros	Series	1	6	10
	5	Hickman	Series	1	2	3

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s5401: Lapdun-Datil-Celsosprings-Cascajo (s5401)						
	5	Ladron	Series	1	8	15
	4	Goldust	Series	2	5	8
	4	Loarc	Series	2	5	8
	4	Magdalena	Series	3	8	12
s5404: Weska-Travessilla-Rock outcrop-Dulce (s5404)						
	25	Dulce	Series	6	28	50
	20	Rock outcrop	Miscellaneous area	6	28	50
	20	Travessilla	Series	6	28	50
	10	Weska	Series	0	15	30
	8	Mikim	Series	3	8	12
	7	Buckle	Series	1	4	6
	5	Florita	Series	3	5	6
	5	Yenlo	Series	1	3	5
s5576: St. Thomas-Rock outcrop-Kyler (s5576)						
	35	St. Thomas	Series	15	33	50
	20	St. Thomas	Series	30	40	50
	15	Rock outcrop	Miscellaneous area	1	26	50
	10	Kyler	Series	30	40	50
	5	Pookaloo	Series	15	23	30
	5	St. Thomas	Series	30	53	75
	5	Tonopah	Series	2	3	4
	5	Weiser	Series	2	5	8

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s7769:						
Witt-Sharps-Ruinpoint-Rizno-Cahona (s7769)						
	25	Rizno	Series	3	9	15
	25	Witt	Series	1	7	12
	20	Ruinpoint	Series	1	5	8
	15	Cahona	Series	1	7	12
	15	Sharps	Series	2	7	12
s7770:						
Sheppard-Rock outcrop-Oljeto-Neskahi-Mota (s7770)						
	50	Mota	Series	1	5	8
	20	Neskahi	Series	1	5	8
	10	Oljeto	Series	1	5	8
	10	Rock outcrop	Miscellaneous area	0	5	10
	10	Sheppard	Series	1	6	10
s7771:						
Rock outcrop-Piute-Moenkopie-Hoskinnini (s7771)						
	40	Moenkopie	Series	3	14	25
	25	Hoskinnini	Series	1	7	12
	20	Rock outcrop	Miscellaneous area	0	13	25
	10	Piute	Series	3	17	30
	5	Deleco	Series	2	16	30
s7772:						
Whit-Sogzie-Sheppard-Rock outcrop (s7772)						
	50	Whit	Series	1	5	8
	25	Sogzie	Series	1	5	8
	15	Sheppard	Series	3	6	8
	10	Rock outcrop	Miscellaneous area	0	4	8

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s7773:						
Rock outcrop-Piute-Pickrell-Badland (s7773)	45	Piute	Series	3	17	30
	25	Pickrell	Series	1	5	8
	15	Rock outcrop	Miscellaneous area	2	21	40
	10	Badland	Miscellaneous area	10	25	40
	5	Sheppard	Series	0	8	15
s7774:						
Rock outcrop-Lithic Torriorthents-Badland (s7774)	50	Rock outcrop	Miscellaneous area	10	45	80
	30	Lithic Torriorthents	Taxon above family	40	60	80
	20	Badland	Miscellaneous area	10	45	80
s7938:						
Ruinpoint-Rizno-Cahona (s7938)	57	Ruinpoint	Series	1	5	8
	22	Rizno	Series	3	9	15
	21	Cahona	Series	1	3	5
s7939:						
Rock outcrop-Rizno-Mellenthin-Littlenan-Bodot (s7939)	38	Rizno	Series	3	9	15
	25	Littlenan	Series	3	12	20
	13	Bodot	Series	20	35	50
	12	Mellenthin	Series	4	15	25
	12	Rock outcrop	Miscellaneous area	3	27	50
s7944:						
Rock outcrop-Myton family-Moenkopie (s7944)	42	Moenkopie	Series	2	11	20
	37	Rock outcrop	Miscellaneous area	2	26	50

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s7944: Rock outcrop-Myton family-Moenkopie (s7944)						
	21	Myton family	Family	30	40	50
s7945: Nakai-Limeridge-Bluechief (s7945)						
	44	Nakai	Series	1	4	6
	31	Limeridge	Series	4	8	12
	25	Bluechief	Series	2	4	6
s7947: Sheppard-Rock outcrop-Piute (s7947)						
	41	Rock outcrop	Miscellaneous area	2	9	15
	35	Piute	Series	4	10	15
	24	Sheppard	Series	2	9	15
s8104: Tosser-Sitar-Hiko Peak (s8104)						
	50	Tosser	Series	3	9	15
	30	Hiko Peak	Series	3	8	12
	20	Sitar	Series	3	9	15
s8189: Rock outcrop-Clapper-Badland (s8189)						
	35	Badland	Miscellaneous area	10	20	30
	30	Rock outcrop	Miscellaneous area	20	55	90
	10	Clapper	Series	2	16	30
	5	Bluechief	Series	2	5	8
	5	Myton family	Family	8	12	15
	5	Rairdent family	Family	3	6	8
	5	Rizno	Series	3	9	15
	5	Wayneco	Series	2	16	30

Component Legend

United States

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. Slope		
				Low	RV	High
s8369: Water (s8369)	100	Water	Miscellaneous area	---	---	---
s9583: Torriorthents-Marcou-Claysprings-Burnswick-Badland (s9583)	44	Badland	Miscellaneous area	1	16	30
	14	Torriorthents	Taxon above family	1	16	30
	12	Burnswick	Series	1	3	5
	12	Claysprings	Series	1	6	10
	12	Marcou	Series	1	5	8
	6	Rock outcrop	Miscellaneous area	20	40	60
s9584: Strych-Rock outcrop-Monue (s9584)	45	Strych	Series	25	43	60
	18	Rock outcrop	Miscellaneous area	25	43	60
	14	Monue	Series	1	3	5
	6	Begay	Series	1	5	8
	6	Kinan	Series	2	7	12
	6	Penistaja	Series	1	5	8
	5	Mido	Series	1	5	8

Taxonomic Classification of the Soils

United States

Soil name	Family or higher taxonomic classification
Abersito	Clayey-skeletal, mixed, active, frigid Typic Paleustalfs
Abrazo	Fine, mixed, superactive, mesic Aridic Argiustolls
Adelino	Fine-loamy, mixed, superactive, thermic Typic Haplocambids
Akhoni	Loamy, mixed, superactive, frigid Lithic Haplustolls
Alegros	Clayey over sandy or sandy-skeletal, smectitic, mesic Typic Haplustalfs
Amenson	Loamy, mixed, superactive, mesic, shallow Petrocalcic Paleustolls
Anasazi	Coarse-loamy, mixed, superactive, mesic Ustic Haplocalcids
Aneth	Sandy, mixed, mesic Typic Torriorthents
Apache	Loamy, mixed, superactive, mesic Lithic Haplustolls
Aparejo	Fine-loamy, mixed, superactive, calcareous, mesic Aridic Ustifluvents
Apishapa	Fine, smectitic, calcareous, mesic Vertic Fluvaquents
Arches	Mixed, mesic Lithic Torripsamments
Armijo	Fine, smectitic, thermic Chromic Haplotorrerts
Atarque	Loamy, mixed, superactive, mesic Lithic Haplustalfs
Augustine	Fine-loamy, mixed, superactive, mesic Aridic Haplustalfs
Avalon	Fine-loamy, mixed, superactive, mesic Typic Haplocalcids
Bandera	Ashy-skeletal over fragmental or cindery, mixed, frigid Vitrandic Haplustolls
Batterson	Sandy, mixed, mesic Lithic Ustic Torriorthents
Begay	Coarse-loamy, mixed, superactive, mesic Ustic Haplocambids
Benally	Fine-loamy, mixed, active, mesic Typic Natrigypsis
Berryman	Fine-loamy, carbonatic, mesic Haplocalcidic Haplustepts
Betonnine	Coarse-loamy, mixed, superactive, mesic Ustic Haplargids
Blackston	Loamy-skeletal, mixed, superactive, mesic Typic Haplocalcids
Blancot	Fine-loamy, mixed, superactive, mesic Ustic Haplargids
Blanding	Fine-silty, mixed, superactive, mesic Ustic Haplargids
Bluechief	Coarse-loamy, mixed, superactive, mesic Typic Haplocalcids
Bluepoint	Mixed, thermic Typic Torripsamments
Bodot	Fine, smectitic, calcareous, mesic Torrtic Ustorthents
Bond family	Loamy, mixed, superactive, mesic Lithic Ustic Haplargids
Borrego	Clayey, mixed, active, frigid Lithic Haplustalfs
Boysag	Clayey, mixed, superactive, mesic Lithic Calcargids
Brimhall	Coarse-loamy, mixed, active, mesic Typic Calcigypsis
Buckle	Fine-loamy, mixed, superactive, mesic Ustic Haplargids
Burnswick	Fine-loamy, mixed, superactive, mesic Typic Haplocambids
Cabazon	Clayey, smectitic, mesic Lithic Argiustolls
Cahona	Fine-silty, mixed, superactive, mesic Calcic Haplustalfs
Calciorthids	Haplocalcids
Calendar	Fine, mixed, superactive, mesic Aridic Haplustepts
Camac	Fine-loamy, mixed, active, mesic Typic Haplocambids
Cantina	Fine, mixed, superactive, mesic Aridic Argiustolls
Casajo	Sandy-skeletal, mixed, mesic Ustic Haplocalcids
Casmos family	Loamy, mixed (calcareous), mesic Lithic Torriorthents
Catman	Very-fine, smectitic, mesic Aridic Haplusterts
Celacy	Fine-loamy, mixed, superactive, mesic Aridic Haplustalfs
Celsosprings	Fine, mixed, superactive, mesic Aridic Argiustolls
Ceniza	Cindery, mesic Pachic Haplustolls
Charo	Fine, mixed, superactive, frigid Typic Argiustolls
Cinnadale	Loamy-skeletal, mixed, superactive, frigid Lithic Haplustepts
Clapper	Loamy-skeletal, mixed, superactive, mesic Ustic Haplocalcids
Claysprings	Clayey, smectitic, calcareous, mesic, shallow Typic Torriorthents

Taxonomic Classification of the Soils

United States

Soil name	Family or higher taxonomic classification
Clovix	Fine-loamy, mixed, superactive, mesic Ustic Calciargids
Councilor	Coarse-loamy, mixed, superactive, calcareous, mesic Ustic Torriorthents
Cragola	Loamy-skeletal, mixed, active, calcareous, mesic, shallow Ustic Torriorthents
Cudei	Cambids
Cumulic Haplustolls	Fine-loamy, mixed, superactive, mesic Cumulic Haplustolls
Datil	Fine-loamy, mixed, superactive, mesic Aridic Argiustolls
Deama	Loamy-skeletal, carbonatic, mesic Lithic Calciustolls
Deleco	Loamy-skeletal, carbonatic, mesic, shallow Typic Petrocalcids
Denazar	Sandy, mixed, mesic Typic Haplocalcids
Dioxice	Fine-loamy, mixed, superactive, mesic Aridic Calciustolls
Doak	Fine-loamy, mixed, active, mesic Typic Haplargids
Doakum	Fine-loamy, mixed, superactive, mesic Ustic Haplargids
Dulce	Loamy, mixed, superactive, calcareous, mesic, shallow Ustic Torriorthents
Epikom	Loamy, mixed, superactive, mesic Lithic Haplocambids
Escavada	Sandy, mixed, mesic Ustic Torrifluvents
Eutric Glossoboralfs	Clayey-skeletal, mixed, frigid Typic Glossudalfs
Fajada	Fine-loamy, mixed, superactive, mesic Typic Natrargids
Farb	Loamy, mixed, superactive, calcareous, mesic Lithic Torriorthents
Farview	Loamy, mixed, active, calcareous, mesic Lithic Ustic Torriorthents
Flaco	Fine-loamy, mixed, superactive, mesic Ustic Calciargids
Florita	Coarse-loamy, mixed, superactive, nonacid, mesic Ustic Torriorthents
Flugle	Fine-loamy, mixed, superactive, mesic Aridic Haplustalfs
Fruitland	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Torriorthents
Galestina	Fine, mixed, superactive, mesic Aridic Paleustalfs
Garland	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Haplargids
Gatlin	Cindery, mixed, mesic Vitriorthic Haplustolls
Genats	Fine, mixed, active, nonacid, mesic Typic Torriorthents
Gila	Coarse-loamy, mixed, superactive, calcareous, thermic Typic Torrifluvents
Gobernador	Fine, smectitic, calcareous, mesic Vertic Ustorthents
Goesling	Fine-loamy, mixed, superactive, mesic Aridic Haplustalfs
Goldust	Clayey-skeletal, mixed, superactive, mesic Aridic Argiustolls
Green River	Coarse-loamy, mixed, superactive, calcareous, mesic Oxyaquic Torrifluvents
Grieta	Fine-loamy, mixed, superactive, mesic Typic Calciargids
Gustspring	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Aridic Argiustolls
Guy	Coarse-loamy, mixed, superactive, mesic Aridic Calciustolls
Gyptur	Fine-silty, mixed, active, mesic Leptic Haplogypsis
Hagerman	Fine-loamy, mixed, superactive, mesic Ustic Haplargids
Hantz	Fine, mixed, superactive, calcareous, thermic Vertic Torrifluvents
Hesperus	Fine-loamy, mixed, superactive, frigid Pachic Argiustolls
Hiarc	Fine-loamy, mixed, superactive, mesic Aridic Argiustolls
Hickman	Fine-loamy, mixed, superactive, calcareous, mesic Aridic Ustifluvents
Hiko Peak	Loamy-skeletal, mixed, active, mesic Xeric Haplocalcids
Hoskinnini	Loamy, mixed, superactive, mesic Lithic Haplargids
Hosta	Fine, mixed, superactive, mesic Aridic Haplustalfs
Hubbell	Ashy, mesic Typic Ustorthents
Hubert	Loamy-skeletal, mixed, superactive, mesic Typic Calciustolls
Huerfano	Loamy, mixed, superactive, mesic, shallow Typic Natrargids
Ildefonso	Loamy-skeletal, mixed, superactive, mesic Ustic Haplocalcids
Ives	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Torrifluvents
Jeddito	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Torriorthents

Taxonomic Classification of the Soils

United States

Soil name	Family or higher taxonomic classification
Joachim	Loamy, mixed, superactive, mesic Lithic Argiustolls
Jocity	Fine-loamy, mixed, superactive, calcareous, mesic Typic Torrifluvents
Joraibi	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, calcareous, mesic Typic Torrifluvents
Kenray	Mixed, frigid Typic Ustipsamments
Kiki	Fine-loamy, mixed, superactive, mesic Typic Haplargids
Kiln	Loamy, mixed, superactive, frigid Lithic Argiustolls
Kim	Fine-loamy, mixed, active, calcareous, mesic Ustic Torriorthents
Kimbeto	Fine-loamy, mixed, active, mesic Typic Calciargids
Kinan	Coarse-loamy, mixed, superactive, mesic Typic Haplocalcids
Klizhin	Coarse-loamy, mixed, superactive, frigid Pachic Haplustolls
Kokan	Sandy-skeletal, mixed, thermic Typic Torriorthents
Kopie	Loamy, mixed, active, mesic Lithic Haplustepts
Kydestea	Loamy-skeletal, mixed, superactive, calcareous, mesic Aridic Lithic Ustorthents
Kyler	Loamy-skeletal, carbonatic, mesic Lithic Xeric Torriorthents
La Fonda	Fine-loamy, mixed, superactive, mesic Ustic Haplocambids
Ladron	Loamy-skeletal, carbonatic, mesic Ustic Haplocalcids
Landavaso	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Aridic Argiustolls
Lapdun	Loamy-skeletal, carbonatic, mesic Aridic Calciustolls
Laporte	Loamy, carbonatic, mesic Lithic Haplustolls
Lawet	Fine-loamy, mixed, superactive, mesic Typic Calciaquolls
Limeridge	Loamy, mixed, superactive, mesic, shallow Calcic Petrocalcids
Lithic Torriorthents	Lithic Torriorthents
Lithic Ustochrepts	Loamy-skeletal, mixed, thermic Lithic Haplustepts
Littlehat	Fine-silty, mixed, semiactive, mesic Sodic Haplocambids
Littlenan	Fine, smectitic, mesic Ustertic Haplocambids
Loarc	Fine-loamy, mixed, superactive, mesic Aridic Argiustolls
Lybrook	Fine, mixed, superactive, calcareous, mesic Ustic Torriorthents
Mack	Fine-loamy, mixed, superactive, mesic Typic Calciargids
Magdalena	Clayey-skeletal, mixed, superactive, mesic Calcic Paleargids
Magotsu	Clayey, smectitic, mesic, shallow Petrocalcic Paleustolls
Majada	Loamy-skeletal, mixed, superactive, mesic Aridic Argiustolls
Marcou	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Torriorthents
Mayqueen	Coarse-loamy, mixed, superactive, mesic Typic Haplargids
McGaffey	Fine-loamy, mixed, superactive, frigid Cumulic Haplustolls
Mellenthin	Loamy-skeletal, mixed, superactive, mesic Lithic Ustic Haplocalcids
Menefee	Loamy, mixed, active, calcareous, mesic, shallow Aridic Ustorthents
Mesa	Fine-loamy, mixed, superactive, mesic Typic Calciargids
Mespun	Siliceous, mesic Ustic Torripsamments
Mido	Mixed, mesic Ustic Torripsamments
Mikim	Fine-loamy, mixed, superactive, calcareous, mesic Ustic Torriorthents
Millett	Fine-loamy, mixed, superactive, mesic Ustic Calciargids
Millpaw	Fine, mixed, superactive, mesic Pachic Argiustolls
Mion	Clayey, mixed, superactive, calcareous, mesic, shallow Ustic Torriorthents
Mirabal	Loamy-skeletal, mixed, superactive, nonacid, frigid Typic Ustorthents
Modyon	Loamy-skeletal, mixed, superactive, mesic Aridic Calciustolls
Moenkopie	Loamy, mixed, superactive, calcareous, mesic Lithic Torriorthents
Moepitz	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Torriorthents
Monierco	Loamy, mixed, superactive, mesic, shallow Typic Haplargids
Montecito	Fine, mixed, superactive, mesic Aridic Haplustalfs
Monue	Coarse-loamy, mixed, superactive, mesic Typic Haplocambids

Taxonomic Classification of the Soils

United States

Soil name	Family or higher taxonomic classification
Monue family	Typic Haplocambids
Mota	Coarse-silty, mixed, superactive, mesic Typic Haplocalcids
Motoqua	Loamy-skeletal, mixed, superactive, mesic Lithic Argiustolls
Muff	Fine-loamy, mixed, superactive, mesic Typic Natrargids
Myton family	Loamy-skeletal, mixed (calcareous), mesic Typic Torriorthents
Nakai	Coarse-loamy, mixed, superactive, mesic Typic Haplocalcids
Nalivag	Fine-loamy, mixed, superactive, calcareous, mesic Typic Ustorthents
Namon	Loamy-skeletal, mixed, superactive, frigid Typic Haplustalfs
Nataani	Coarse-silty, mixed, semiactive, mesic Typic Haplogypsis
Navajo	Fine, mixed, superactive, calcareous, mesic Vertic Torrifluents
Needle	Mixed, mesic Lithic Torripsamments
Neskahi	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Torrifluents
Nogal	Fine, mixed, superactive, mesic Aridic Haplustalfs
Notal	Fine, mixed, active, calcareous, mesic Typic Torriorthents
Oelop	Fine-loamy, mixed, superactive, mesic Ustic Haplargids
Oljeto	Sandy-skeletal, mixed, mesic Typic Haplocalcids
Orlie	Fine-loamy, mixed, superactive, mesic Aridic Haplustalfs
Otero	Coarse-loamy, mixed, superactive, calcareous, mesic Aridic Ustorthents
Pagina	Coarse-loamy, mixed, superactive, mesic Typic Haplocalcids
Pajarito	Coarse-loamy, mixed, superactive, thermic Typic Haplocambids
Palma	Coarse-loamy, mixed, superactive, mesic Ustic Calciargids
Parquat	Clayey-skeletal, mixed, superactive, mesic Aridic Argiustolls
Pena	Loamy-skeletal, mixed, superactive, mesic Aridic Calciustolls
Penistaja	Fine-loamy, mixed, superactive, mesic Ustic Haplargids
Pennell	Loamy, mixed, superactive, mesic Lithic Haplocalcids
Persayo	Loamy, mixed, active, calcareous, mesic, shallow Typic Torriorthents
Pickrell	Sandy, mixed, mesic Lithic Haplocalcids
Pinavetes	Mixed, mesic Ustic Torripsamments
Pinitos	Fine-loamy, mixed, superactive, mesic Aridic Haplustalfs
Piute	Sandy, mixed, mesic Lithic Torriorthents
Polacca	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Haplocambids
Pookaloo	Loamy-skeletal, carbonatic, mesic Lithic Xeric Haplocalcids
Puertecito	Loamy-skeletal, mixed, superactive, mesic Lithic Ustic Haplargids
Purgatory	Fine-loamy, gypsic, mesic Leptic Haplogypsis
Querencia	Fine-loamy, mixed, superactive, mesic Ustic Haplocambids
Quintana	Fine-loamy, mixed, superactive, mesic Typic Calciustepts
Rairdent family	Typic Haplogypsis
Ralphston	Fine-loamy, mixed, superactive, mesic Torriorthentic Haplustolls
Raton	Clayey-skeletal, smectitic, frigid Lithic Argiustolls
Redlands	Fine-loamy, mixed, superactive, mesic Typic Haplargids
Ribera	Fine-loamy, mixed, superactive, mesic Aridic Haplustalfs
Rizno	Loamy, mixed, superactive, calcareous, mesic Lithic Ustic Torriorthents
Romberg	Loamy-skeletal, mixed, superactive, mesic Ustic Haplargids
Royosa	Mixed, mesic Aridic Ustipsamments
Rudd	Loamy-skeletal, mixed, superactive, mesic Lithic Calciustolls
Ruinpoint	Fine-silty, mixed, superactive, mesic Ustic Haplocambids
Ruson	Fine, mixed, superactive, calcareous, mesic Typic Ustorthents
Saido	Coarse-silty, gypsic, mesic Leptic Haplogypsis
San Mateo	Fine-loamy, mixed, superactive, calcareous, mesic Ustic Torrifluents
Sandoval	Loamy, mixed, superactive, calcareous, mesic, shallow Ustic Torriorthents

Taxonomic Classification of the Soils

United States

Soil name	Family or higher taxonomic classification
Sazi	Coarse-loamy, mixed, superactive, mesic Ustic Haplocalcids
Sedillo	Loamy-skeletal, mixed, superactive, mesic Ustic Calciargids
Sharps	Fine-silty, mixed, superactive, mesic Aridic Haplustalfs
Shedado	Coarse-loamy, mixed, superactive, calcareous, mesic Ustic Torriorthents
Sheppard	Mixed, mesic Typic Torripsamments
Shingle	Loamy, mixed, superactive, calcareous, mesic, shallow Ustic Torriorthents
Shiprock	Coarse-loamy, mixed, superactive, mesic Typic Haplargids
Shumbegay	Sandy, mixed, mesic Typic Torriorthents
Silkie	Fine, mixed, superactive, mesic Vertic Haplustalfs
Silver	Fine, mixed, superactive, mesic Ustic Haplargids
Sitar	Loamy-skeletal, mixed, superactive, mesic Xeric Haplocalcids
Skyvillage	Loamy, mixed, superactive, calcareous, mesic Lithic Ustic Torriorthents
Sogzie	Coarse-loamy, mixed, superactive, mesic Typic Calciargids
Sparank	Fine, mixed, superactive, calcareous, mesic Ustic Torrifluvents
Sparham	Fine, mixed, superactive, calcareous, mesic Aridic Ustifluvents
Springerville	Fine, smectitic, mesic Aridic Haplusterts
St. Thomas	Loamy-skeletal, carbonatic, thermic Lithic Torriorthents
Stout	Loamy, mixed, superactive, frigid Lithic Haplustepts
Strych	Loamy-skeletal, mixed, superactive, mesic Ustic Haplocalcids
Stumble	Mixed, mesic Typic Torripsamments
Suwanee	Fine-loamy, mixed, superactive, calcareous, mesic Ustic Torrifluvents
Tchado	Clayey, mixed, superactive, nonacid, frigid, shallow Typic Ustorthents
Teco	Fine, mixed, superactive, mesic Aridic Haplustalfs
Telescope	Coarse-loamy, mixed, superactive, mesic Haplocalcidic Haplustepts
Tewa	Fine-loamy, mixed, superactive, mesic Typic Haplocambids
Thunderbird	Fine, smectitic, mesic Aridic Argiustolls
Tocito	Fine-silty, mixed, active, calcareous, mesic Typic Torriorthents
Tome	Fine-silty, mixed, superactive, calcareous, thermic Typic Torriorthents
Tonalea	Mixed, mesic Typic Ustipsamments
Tonopah	Sandy-skeletal, mixed, thermic Typic Haplocalcids
Toqui	Clayey, smectitic, mesic Lithic Haplustalfs
Torreon	Fine, smectitic, mesic Calcic Argiustolls
Torrifluvents	Torrifluvents
Torriorthents	Torriorthents
Tosser	Sandy-skeletal, mixed, mesic Xeric Haplocalcids
Tours	Fine-silty, mixed, superactive, calcareous, mesic Typic Torrifluvents
Tovar	Fine, smectitic, mesic Vertic Paleustalfs
Trail	Sandy, mixed, mesic Typic Torrifluvents
Travessilla	Loamy, mixed, superactive, calcareous, mesic Lithic Ustic Torriorthents
Tsebitai	Coarse-silty, mixed, active, mesic Typic Haplocambids
Tsosie	Fine-loamy, mixed, superactive, calcareous, mesic Ustic Torriorthents
Tunitcha	Fine-loamy, mixed, superactive, frigid Typic Haplustalfs
Turley	Fine-loamy, mixed, active, calcareous, mesic Typic Torriorthents
Tusayan	Loamy-skeletal, carbonatic, mesic Ustic Haplocalcids
Tuweep	Fine-loamy, mixed, superactive, mesic Ustic Calciargids
Twick	Clayey, mixed, superactive, mesic, shallow Ustic Haplargids
Typic Haplustalfs	Fine, mixed, mesic Typic Haplustalfs
Typic Torrifluvents	Typic Torrifluvents
Typic Torriorthents	Typic Torriorthents
Typic Ustochrepts	Loamy-skeletal, mixed, mesic Typic Haplustepts

Taxonomic Classification of the Soils

United States

Soil name	Family or higher taxonomic classification
Typic Ustochrepts	Fine-loamy, mixed, mesic Typic Haplustepts
Uffens	Fine-loamy, mixed, superactive, mesic Typic Natrargids
Ustic Torriorthents	Ustic Torriorthents
Ustollic Haplargids	Haplargids
Uzona	Fine, smectitic, mesic Typic Haplosalids
Valnor	Fine, mixed, superactive, frigid Typic Haplustalfs
Venadito	Very-fine, smectitic, mesic Chromic Haplotorrerts
Vessilla	Loamy, mixed, active, calcareous, mesic Aridic Lithic Ustorthents
Veteado	Fine, mixed, superactive, mesic Ustic Paleargids
Vinton	Sandy, mixed, thermic Typic Torrifluvents
Viuda	Clayey, mixed, superactive, mesic Lithic Ustic Haplargids
Walrees	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, calcareous, mesic Oxyaquic Ustifluvents
Wayneco	Loamy, mixed, superactive, mesic Lithic Ustic Haplocalcids
Weiser	Loamy-skeletal, carbonatic, thermic Typic Haplocalcids
Wepo	Fine, mixed, superactive, mesic Vertic Haplocambids
Werito	Fine, mixed, active, mesic Sodid Haplocambids
Werlog	Fine-loamy, mixed, active, calcareous, mesic Aquic Ustifluvents
Weska	Loamy, mixed, superactive, nonacid, mesic, shallow Ustic Torriorthents
Whit	Fine-silty, mixed, superactive, mesic Typic Calciargids
Winona	Loamy-skeletal, carbonatic, mesic Lithic Ustic Haplocalcids
Witt	Fine-silty, mixed, superactive, mesic Ustic Calciargids
Wukoki	Ashy-skeletal over fragmental or cindery, mixed, mesic Vitrandic Haplocambids
Wupatki	Cindery, mixed, mesic, shallow Argiduridic Durustolls
Yaki	Loamy-skeletal, carbonatic, mesic Lithic Ustic Haplocalcids
Yenlo	Fine-loamy, mixed, superactive, mesic Ustic Haplargids
Youngston	Fine-loamy, mixed, superactive, calcareous, mesic Typic Torrifluvents
Zia	Coarse-loamy, mixed, superactive, calcareous, mesic Ustic Torriorthents
Zyme	Clayey, smectitic, calcareous, mesic, shallow Ustic Torriorthents

Chemical Soil Properties

United States

[Absence of an entry indicates that data were not estimated]

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s318:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Torriorthents	0-60	---	---	---	---	---	---	---
s319:								
Deama	0-4	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	4-12	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	12-16	---	---	---	---	---	---	---
Toqui	0-3	5.0-15	---	6.1 - 7.3	0	0	0.0-2.0	0
	3-15	10-20	---	6.6 - 8.4	5-45	0	0.0-2.0	0
	15-19	10-20	---	7.4 - 8.4	5-45	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Tovar	0-3	8.8-17	---	6.1 - 7.8	---	---	---	---
	3-8	---	---	6.6 - 8.4	---	---	---	---
	8-35	---	---	6.6 - 8.4	---	---	---	---
	35-39	---	---	---	---	---	---	---
s337:								
Tours	0-6	10-25	---	7.9 - 9.0	5-15	0-5	16.0-32.0	13-30
	6-47	10-25	---	7.9 - 9.0	10-20	0-5	16.0-32.0	13-30
	47-60	3.0-10	---	7.9 - 9.0	10-20	0-5	16.0-32.0	13-30
Burnswick	0-3	10-20	---	7.9 - 9.0	1-5	0	0.0-4.0	6-20
	3-16	10-20	---	7.9 - 9.0	1-15	0	0.0-8.0	6-20
	16-41	10-20	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
	41-53	2.0-10	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
	53-60	10-20	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
Jocity	0-9	10-20	---	7.9 - 9.0	1-15	0	4.0-32.0	4-13
	9-41	10-20	---	7.9 - 9.0	1-15	0	4.0-32.0	4-13
	41-60	2.0-10	---	7.9 - 9.0	1-15	0	4.0-32.0	4-13
Ives	0-13	5.0-10	---	7.9 - 9.0	1-5	0	4.0-32.0	1-13
	13-55	4.0-10	---	7.9 - 9.0	1-10	0	4.0-32.0	1-13
	55-62	1.0-5.0	---	7.9 - 9.0	1-10	0	4.0-32.0	4-30
Riverwash	0-59	---	---	---	---	---	---	---
Trail	0-3	2.0-5.0	---	7.9 - 8.4	1-3	0	0.0-2.0	0
	3-60	2.0-5.0	---	7.9 - 9.0	1-3	0	0.0-8.0	0-5
Typic Torrifluvents	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s337:								
Navajo	0-5	20-35	---	7.9 - 9.0	1-10	0	16.0-32.0	0-13
	5-60	20-35	---	7.9 - 9.0	1-10	0	16.0-32.0	0-13
Rock outcrop	---	---	---	---	---	---	---	---
s338:								
Burnswick	0-3	10-20	---	7.9 - 9.0	1-5	0	0.0-4.0	6-20
	3-16	10-20	---	7.9 - 9.0	1-15	0	0.0-8.0	6-20
	16-41	10-20	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
	41-53	2.0-10	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
	53-60	10-20	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
Marcou	0-6	1.0-5.0	---	7.9 - 8.4	1-10	0	0.0-8.0	2-13
	6-47	5.0-10	---	8.5 - 9.0	1-10	0	2.0-8.0	13-30
	47-54	10-25	---	8.5 - 9.0	1-10	0	2.0-8.0	13-30
	54-60	1.0-5.0	---	8.5 - 9.0	5-20	0	2.0-8.0	13-30
Jocity	0-9	10-20	---	7.9 - 9.0	1-15	0	4.0-32.0	4-13
	9-41	10-20	---	7.9 - 9.0	1-15	0	4.0-32.0	4-13
	41-60	2.0-10	---	7.9 - 9.0	1-15	0	4.0-32.0	4-13
Claysprings	0-3	20-30	---	7.4 - 9.0	1-10	0	0.0-16.0	0-13
	3-18	15-35	---	7.4 - 9.0	1-10	0	0.0-16.0	0-13
	18-28	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---
s339:								
Jocity	0-3	5.0-10	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	3-84	10-20	---	7.9 - 8.4	0-10	0-5	0.0-2.0	0
Polacca	0-3	10-25	---	7.4 - 8.4	5-15	0	0.0-2.0	0
	3-33	10-30	---	7.4 - 8.4	5-15	0	0.0-2.0	0
	33-84	1.0-5.0	---	7.4 - 8.4	1-10	0	0.0-2.0	0
Wepo	0-3	15-25	---	7.4 - 8.4	0-10	0	0.0-2.0	0
	3-32	15-25	---	7.4 - 8.4	5-15	0	2.0-8.0	0
	32-84	15-25	---	7.4 - 8.4	5-15	0	2.0-8.0	0-15
Jeddito	0-2	2.0-5.0	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	2-9	4.0-10	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	9-27	4.0-10	---	7.4 - 8.4	0-5	0	2.0-4.0	0
	27-84	4.0-10	---	7.4 - 8.4	0-5	0	2.0-4.0	0

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s339:								
Tewa	0-1	5.0-15	---	7.4 - 7.8	1-5	0	0.0-2.0	0
	1-25	10-20	---	7.4 - 8.4	1-15	1-5	0.0-2.0	0
	25-31	5.0-10	---	7.4 - 8.4	1-15	1-5	0.0-2.0	0
	31-84	10-20	---	7.4 - 8.4	1-15	0-3	0.0-2.0	0-4
Sheppard	0-2	2.0-5.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	2-84	1.0-5.0	---	7.4 - 8.4	0-5	0	0.0-2.0	0
Monue	0-5	5.0-10	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	5-84	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	0
Rock outcrop	0-60	---	---	---	---	---	---	---
s340:								
Sheppard	0-2	2.0-5.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	2-84	1.0-5.0	---	7.4 - 8.4	0-5	0	0.0-2.0	0
Sheppard	0-1	2.0-4.0	---	7.4 - 8.4	0-1	0	0.0-2.0	10-15
	1-84	2.0-5.0	---	7.9 - 9.0	0-5	0	0.0-2.0	10-15
Jocity	0-3	5.0-10	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	3-84	10-20	---	7.9 - 8.4	0-10	0-5	0.0-2.0	0
Joraibi	0-2	10-25	---	7.9 - 9.0	1-10	0	2.0-16.0	20-45
	2-23	5.0-10	---	7.9 - 9.0	1-10	0	2.0-16.0	20-45
	23-54	0.0-5.0	---	7.9 - 9.0	1-10	0	2.0-16.0	20-45
	54-84	5.0-20	---	7.4 - 9.0	1-10	0	2.0-16.0	20-45
Jocity	0-1	10-20	---	7.9 - 11.0	0-5	0	8.0-16.0	13-35
	1-24	10-20	---	7.9 - 11.0	1-10	0-5	8.0-16.0	13-35
	24-84	10-30	---	7.4 - 9.0	1-10	0-5	8.0-16.0	13-35
Torriorthents	0-20	---	---	---	---	---	---	---
	20-60	---	---	---	---	---	---	---
s341:								
Jeddito	0-2	2.0-5.0	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	2-9	4.0-10	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	9-27	4.0-10	---	7.4 - 8.4	0-5	0	2.0-4.0	0
	27-84	4.0-10	---	7.4 - 8.4	0-5	0	2.0-4.0	0
Tewa	0-1	5.0-15	---	7.4 - 7.8	1-5	0	0.0-2.0	0
	1-25	10-20	---	7.4 - 8.4	1-15	1-5	0.0-2.0	0
	25-31	5.0-10	---	7.4 - 8.4	1-15	1-5	0.0-2.0	0
	31-84	10-20	---	7.4 - 8.4	1-15	0-3	0.0-2.0	0-4

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s341:								
Sheppard	0-2	2.0-5.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	2-84	1.0-5.0	---	7.4 - 8.4	0-5	0	0.0-2.0	0
Torriorthents	0-20	---	---	---	---	---	---	---
	20-60	---	---	---	---	---	---	---
Mido	0-3	1.0-5.0	---	7.4 - 9.0	0-2	0	0.0-2.0	0
	3-84	1.0-4.0	---	7.4 - 9.0	1-5	0	0.0-2.0	0
Monue	0-5	5.0-10	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	5-84	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	0
Rock outcrop	0-60	---	---	---	---	---	---	---
s342:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Moenkopie	0-3	5.0-12	---	7.4 - 9.0	1-10	---	0.0-2.0	---
	3-8	3.0-14	---	7.4 - 9.0	1-10	0-1	0.0-2.0	0-2
	8-12	---	---	---	---	---	---	---
Bluechief	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-25	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	25-38	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	38-42	---	---	---	---	---	---	---
Casmos family	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-8	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	8-11	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	11-15	---	---	---	---	---	---	---
Monue family	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-31	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	31-35	---	---	---	---	---	---	---
Nakai	0-3	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	3-51	---	---	7.3 - 9.6	---	---	0.0-2.0	---
	51-55	---	---	---	---	---	---	---
Sheppard	0-12	1.4-4.0	---	7.4 - 8.4	0-5	---	---	---
	12-60	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
s343:								
Monue	0-3	2.0-5.0	---	7.9 - 8.4	1-3	---	0.0-2.0	1-5
	3-60	3.0-11	---	7.9 - 9.0	3-10	---	0.0-2.0	1-5

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s343:								
Nakai	0-18	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	18-34	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	34-60	---	---	7.9 - 9.0	---	---	2.0-8.0	---
Blackston	0-3	5.0-10	---	7.9 - 8.4	1-5	---	0.0-2.0	0-5
	3-9	5.0-10	---	7.9 - 9.0	5-10	---	0.0-2.0	5-13
	9-15	10-20	---	7.9 - 9.0	10-15	---	2.0-4.0	5-13
	15-35	5.0-10	---	7.9 - 8.4	5-10	---	2.0-4.0	0-5
	35-70	0.0-5.0	---	7.9 - 8.4	1-5	---	0.0-2.0	---
s344:								
Purgatory	0-1	5.0-10	---	7.4 - 8.4	0-15	0-10	2.0-8.0	0
	1-20	5.0-15	---	7.4 - 8.4	0-15	30-55	2.0-8.0	0
	20-27	15-20	---	7.4 - 8.4	0-15	30-55	2.0-8.0	0
	27-60	---	---	---	---	20-80	---	---
Claysprings	0-3	20-30	---	7.4 - 9.0	1-10	0	0.0-16.0	0-13
	3-18	15-35	---	7.4 - 9.0	1-10	0	0.0-16.0	0-13
	18-28	---	---	---	---	---	---	---
Badland	0-1	---	---	---	1-15	0-90	2.0-16.0	1-30
	1-60	---	---	---	1-15	0-90	2.0-16.0	1-30
Epikom	0-1	2.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0
	1-10	5.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0
	10-14	5.0-10	---	7.9 - 8.4	5-15	0	0.0-2.0	0
	14-24	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---
s345:								
Sheppard	0-2	2.0-5.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	2-84	1.0-5.0	---	7.4 - 8.4	0-5	0	0.0-2.0	0
Monue	0-5	5.0-10	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	5-84	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	0
Nakai	0-3	5.0-15	---	7.4 - 9.0	1-10	0	0.0-2.0	0
	3-30	3.0-10	---	7.9 - 9.0	1-15	0	0.0-2.0	0-6
	30-84	10-20	---	7.9 - 9.0	15-40	0	0.0-2.0	15-30
Typic Torriorthents	0-20	---	---	---	---	---	---	---
	20-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s345:								
Tewa	0-1	5.0-15	---	7.4 - 7.8	1-5	0	0.0-2.0	0
	1-25	10-20	---	7.4 - 8.4	1-15	1-5	0.0-2.0	0
	25-31	5.0-10	---	7.4 - 8.4	1-15	1-5	0.0-2.0	0
	31-84	10-20	---	7.4 - 8.4	1-15	0-3	0.0-2.0	0-4
Rock outcrop	0-60	---	---	---	---	---	---	---
s348:								
Kinan	0-1	2.0-10	---	7.4 - 8.4	2-10	---	0.0-2.0	---
	1-13	2.0-10	---	7.4 - 8.4	5-15	---	0.0-2.0	---
	13-27	2.0-10	---	7.9 - 8.4	15-30	---	0.0-2.0	---
	27-60	2.0-10	---	7.9 - 8.4	15-30	---	0.0-2.0	---
Pennell	0-4	2.0-10	---	7.9 - 8.4	2-10	---	0.0-2.0	---
	4-7	2.0-10	---	7.9 - 8.4	5-15	---	0.0-2.0	---
	7-14	2.0-10	---	7.9 - 8.4	10-20	---	0.0-2.0	---
	14-19	2.0-10	---	7.9 - 8.4	15-25	---	0.0-2.0	---
	19-23	---	---	---	---	---	---	---
Pagina	0-2	0.0-10	---	7.9 - 8.4	0-5	---	0.0-2.0	---
	2-22	0.0-10	---	7.9 - 8.4	5-15	---	0.0-2.0	---
	22-39	2.0-10	---	7.9 - 8.4	15-25	---	0.0-2.0	---
	39-43	---	---	---	---	---	---	---
s351:								
Palma	0-4	4.0-10	---	7.4 - 8.4	0-2	0	0.0-2.0	0-5
	4-60	4.0-15	---	7.3 - 9.6	0-10	0	0.0-2.0	0-5
Mespun	0-18	2.6-6.4	---	6.1 - 7.8	---	---	---	---
	18-60	2.0-6.1	---	6.1 - 7.8	---	---	---	---
Sazi	0-4	7.3-13	---	7.4 - 8.4	---	---	---	---
	4-17	---	---	7.4 - 9.0	---	---	---	---
	17-32	---	---	7.8 - 9.6	---	---	0.0-2.0	---
	32-36	---	---	---	---	---	---	---
Rizno	0-2	5.0-10	---	7.4 - 8.4	5-15	---	0.0-2.0	---
	2-8	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	8-10	5.0-10	---	7.4 - 9.0	5-15	---	0.0-2.0	---
	10-14	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s351:								
Wayneco	0-3	5.6-9.1	---	7.9 - 8.4	1-5	---	---	0
	3-9	4.1-8.6	---	7.9 - 8.4	1-5	---	---	0
	9-19	4.0-12	---	7.9 - 9.0	15-30	---	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Mellenthin	0-4	5.0-10	---	7.9 - 8.4	---	---	0.0-2.0	---
	4-15	10-20	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-18	5.0-10	---	7.9 - 8.4	---	---	0.0-2.0	---
	18-22	---	---	---	---	---	---	---
s355:								
Winona	0-2	9.5-17	---	7.4 - 8.4	---	---	---	---
	2-15	---	---	7.4 - 8.4	---	---	---	---
	15-19	---	---	---	---	---	---	---
Tusayan	0-10	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	10-29	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	29-33	---	---	---	---	---	---	---
Boysag	0-3	8.9-17	---	6.6 - 7.8	---	---	---	---
	3-13	---	---	7.4 - 8.4	---	---	---	---
	13-16	---	---	7.4 - 8.4	---	---	---	---
	16-20	---	---	---	---	---	---	---
s356:								
Epikom	0-1	2.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0
	1-10	5.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0
	10-14	5.0-10	---	7.9 - 8.4	5-15	0	0.0-2.0	0
	14-24	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Needle	0-7	0.0-5.0	---	7.4 - 8.4	0	0	0.0-2.0	0
	7-9	0.0-10	---	7.4 - 8.4	0	0	0.0-2.0	0
	9-19	---	---	---	---	---	---	---
s357:								
Clovis	0-5	5.0-10	---	7.4 - 8.4	0	0	0.0-2.0	0-4
	5-25	10-25	---	6.6 - 8.4	0-15	0	0.0-2.0	0-4
	25-60	4.0-10	---	7.9 - 8.4	15-60	0-1	0.0-2.0	0-4
Palma	0-7	8.9-17	---	6.6 - 8.4	---	---	---	---
	7-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s357:								
Sheppard	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	60-70	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Hubert	0-10	---	---	7.4 - 8.4	---	---	---	---
	10-15	---	---	7.4 - 8.4	---	---	---	---
	15-48	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	48-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
s360:								
Tuweep	0-3	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	3-34	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	34-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Wukoki	0-10	5.0-20	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	10-18	5.0-20	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	18-65	0.0-1.0	---	7.4 - 8.4	0-5	0	0.0-2.0	0
Wupatki	0-6	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	6-16	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---
	20-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
s362:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Arches	0-4	2.6-6.4	---	7.4 - 8.4	0-5	---	---	---
	4-13	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
	13-15	0.0-15	---	7.4 - 9.0	0-10	---	0.0-2.0	---
	15-19	---	---	---	---	---	---	---
Batterson	0-4	1.8-7.8	---	7.9 - 8.4	---	---	---	---
	4-15	1.4-7.4	---	7.9 - 8.4	1-4	---	---	---
	15-19	---	---	---	---	---	---	---
Bond family	0-2	8.9-17	---	7.4 - 7.8	---	---	---	---
	2-16	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---
Lava flows	0-60	---	---	---	---	---	---	---
Magotsu	0-5	---	---	6.6 - 7.8	---	---	0.0-2.0	---
	5-17	---	---	6.6 - 7.8	---	---	0.0-2.0	---
	17-21	---	---	---	---	---	---	---
	21-25	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s362:								
Yaki	0-2	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	2-19	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	19-23	---	---	---	---	---	---	---
Cinder land	0-60	---	---	---	---	---	---	---
s363:								
Grieta	0-3	5.0-10	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	3-20	10-20	---	7.9 - 8.4	1-15	0	0.0-2.0	0
	20-44	10-20	---	7.9 - 8.4	15-30	0	0.0-2.0	0
	44-60	5.0-10	---	7.9 - 8.4	5-30	0	0.0-2.0	0
Sheppard	0-60	2.0-5.0	---	7.4 - 8.4	0-2	0	0.0	0
s364:								
Begay	0-4	4.0-15	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	4-57	2.0-10	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	57-84	2.0-10	---	7.4 - 8.4	1-5	0	0.0-2.0	0
Penistaja	0-2	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	2-18	10-25	---	6.6 - 8.4	0-5	0	0.0-2.0	0
	18-58	5.0-15	---	6.6 - 8.4	3-10	0	0.0-2.0	0
	58-84	1.0-5.0	---	6.6 - 8.4	3-10	0	0.0-2.0	0-5
Mido	0-3	1.0-5.0	---	7.4 - 9.0	0-2	0	0.0-2.0	0
	3-84	1.0-4.0	---	7.4 - 9.0	1-5	0	0.0-2.0	0
Ustic Torriorthents	0-31	---	---	---	---	---	---	---
	31-41	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
s377:								
Thunderbird	0-2	15-30	---	6.6 - 7.8	0-15	---	0.0-2.0	---
	2-31	15-35	---	6.6 - 8.4	5-15	---	0.0-2.0	---
	31-35	---	---	---	---	---	---	---
Cabezon	0-4	20-32	---	6.1 - 7.3	---	---	---	---
	4-12	---	---	6.1 - 7.3	---	---	---	---
	12-16	---	---	---	---	---	---	---
Rudd	0-10	17-23	---	7.4 - 8.4	---	---	---	---
	10-13	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	13-17	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s377:								
Springerville	0-4	26-46	---	7.4 - 8.4	---	---	---	---
	4-35	---	---	7.4 - 8.4	---	---	---	---
	35-42	---	---	7.4 - 8.4	---	---	---	---
	42-46	---	---	---	---	---	---	---
s383:								
Kydestea	0-1	10-25	---	7.4 - 7.8	0-10	0	0.0-2.0	0
	1-5	10-25	---	7.4 - 8.4	5-15	0	0.0-4.0	0
	5-15	10-25	---	7.4 - 8.4	5-15	0	0.0-4.0	0
	15-19	---	---	---	---	---	---	---
Zyme	0-1	15-30	---	7.4 - 8.4	1-5	0	0.0-2.0	0
	1-18	15-30	---	7.4 - 8.4	1-10	0-5	0.0-2.0	0
	18-22	---	---	---	---	---	---	---
Tonalea	0-3	0.0-15	---	7.4 - 7.8	0	0	0.0-2.0	0
	3-24	0.0-15	---	7.4 - 8.4	0-10	0	0.0-2.0	0
	24-26	---	---	---	---	---	---	---
	26-30	---	---	---	---	---	---	---
Ustic Torriorthents	0-20	---	---	---	---	---	---	---
	20-60	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Begay	0-4	4.0-15	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	4-57	2.0-10	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	57-84	2.0-10	---	7.4 - 8.4	1-5	0	0.0-2.0	0
Penistaja	0-2	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	2-18	10-25	---	6.6 - 8.4	0-5	0	0.0-2.0	0
	18-58	5.0-15	---	6.6 - 8.4	3-10	0	0.0-2.0	0
	58-84	1.0-5.0	---	6.6 - 8.4	3-10	0	0.0-2.0	0-5
s384:								
Torriorthents	0-31	---	---	---	---	---	---	---
	31-41	---	---	---	---	---	---	---
Badland	0-60	---	---	---	1-15	0-90	2.0-16.0	1-30
Monue	0-5	5.0-10	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	5-84	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	0
Sheppard	0-2	2.0-5.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	2-84	1.0-5.0	---	7.4 - 8.4	0-5	0	0.0-2.0	0

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s384:								
Rock outcrop	0-60	---	---	---	---	---	---	---
s392:								
Aneth	0-2	0.0-10	---	7.9 - 8.4	0-5	---	0.0-2.0	---
	2-60	0.0-10	---	7.4 - 8.4	0-10	---	0.0-2.0	---
Sheppard	0-12	1.4-4.0	---	7.4 - 8.4	0-5	---	---	---
	12-60	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Sogzie	0-5	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	5-21	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	21-80	---	---	7.9 - 8.4	---	---	0.0-2.0	---
s393:								
Begay	0-3	2.1-9.3	---	7.4 - 8.4	3-15	0-2	---	1-10
	3-42	5.0-10	---	7.4 - 9.0	5-20	0-2	0.0-2.0	1-10
	42-60	5.0-10	---	7.9 - 9.0	5-20	0-2	0.0-2.0	1-10
Shedado	0-7	5.0-12	---	6.6 - 8.4	10-25	---	0.0-2.0	---
	7-15	2.0-6.0	---	6.6 - 7.3	10-25	---	0.0-2.0	---
	15-35	2.0-12	---	6.6 - 8.4	10-25	---	0.0-2.0	---
	35-39	---	---	---	---	---	---	---
Anasazi	0-4	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	4-24	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	24-28	---	---	---	---	---	---	---
Mespun	0-18	1.4-7.4	---	6.1 - 7.8	---	---	---	---
	18-60	2.0-6.1	---	6.1 - 7.8	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
s394:								
Namon	0-5	7.6-14	---	6.1 - 7.3	---	---	---	---
	5-21	---	---	6.6 - 7.8	---	---	---	---
	21-48	---	---	6.6 - 7.8	---	---	---	---
	48-52	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Ustollic Haplargids	0-8	6.9-14	---	7.4 - 8.4	---	---	---	---
	8-24	---	---	7.4 - 8.4	---	---	---	---
	24-60	---	---	7.4 - 9.0	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s398:								
Monue	0-13	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	13-46	---	---	8.4 - 9.6	---	---	0.0-2.0	---
	46-50	---	---	---	---	---	---	---
Moepitz	0-10	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	10-22	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	22-30	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	30-34	---	---	---	---	---	---	---
Sheppard	0-12	1.4-4.0	---	7.4 - 8.4	0-5	---	---	---
	12-60	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Deleco	0-3	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	3-7	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	7-10	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	10-14	---	---	---	---	---	---	---
	14-45	---	---	9.0 - 9.6	---	---	0.0-2.0	---
s415:								
Eutric Glossoboralfs	0-2	11-15	---	6.6 - 7.3	---	---	---	---
	2-16	8.7-14	---	6.6 - 7.3	---	---	---	---
	16-35	16-24	---	6.1 - 6.5	---	---	---	---
	35-67	19-26	---	6.1 - 6.5	---	---	---	---
Typic Haplustalfs	0-7	13-22	---	6.6 - 7.3	---	---	---	---
	7-30	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	30-41	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	41-48	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	48-60	---	---	7.4 - 7.8	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
s441:								
Piute	0-9	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	9-13	---	---	---	---	---	---	---
Bluechief	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-25	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	25-38	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	38-42	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s442:								
Shumbegay	0-2	1.0-3.0	---	7.9 - 9.0	1-3	---	0.0-2.0	0-13
	2-6	3.0-5.0	---	8.5 - 9.0	1-3	---	0.0-2.0	13-30
	6-10	1.0-3.0	---	8.5 - 9.0	1-3	---	0.0-2.0	5-30
	10-80	2.0-4.0	---	8.5 - 9.0	1-3	---	0.0-2.0	5-30
Uzona	0-1	---	---	7.4 - 8.4	---	---	8.0-16.0	---
	1-45	---	---	7.9 - 9.0	---	---	16.0	---
	45-58	---	---	8.4 - 9.6	---	---	16.0	---
	58-60	---	---	8.4 - 9.6	---	---	16.0	---
Escavada	0-2	2.0-10	---	7.4 - 8.4	1-5	---	0.0-2.0	0-5
	2-70	1.0-5.0	---	7.4 - 9.0	1-5	---	4.0-8.0	0-5
s443:								
Farview	0-2	5.4-9.7	---	7.4 - 8.4	5-10	---	---	---
	2-6	5.0-10	---	7.9 - 8.4	15-20	---	2.0-4.0	---
	6-10	---	---	---	---	---	---	---
Millett	0-4	---	---	6.6 - 8.4	---	---	0.0-2.0	---
	4-12	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	12-50	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	50-60	---	---	8.5 - 9.0	---	---	0.0-2.0	---
Doakum	0-5	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	5-17	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	17-60	---	---	8.5 - 9.0	---	---	4.0-8.0	---
s444:								
Arches	0-4	2.6-6.4	---	7.4 - 8.4	0-5	---	---	---
	4-13	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
	13-15	0.0-15	---	7.4 - 9.0	0-10	---	0.0-2.0	---
	15-19	---	---	---	---	---	---	---
Blanding	0-4	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	4-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Mido	0-2	5.0-10	---	7.9 - 8.4	3-15	0-1	0.0-2.0	1-5
	2-60	5.0-10	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-1
s445:								
Akhoni	0-6	15-20	---	6.1 - 7.3	---	---	0.0-2.0	---
	6-18	15-20	---	6.1 - 7.3	---	---	0.0-2.0	---
	18-22	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s445:								
Tunitcha	0-5	8.9-16	---	6.6 - 7.3	---	---	---	---
	5-8	8.9-16	---	6.6 - 7.3	---	---	---	---
	8-38	16-22	---	6.1 - 7.3	---	---	---	---
	38-57	8.6-15	---	6.1 - 7.3	---	---	---	---
	57-61	---	---	---	---	---	---	---
Klizhin	0-2	3.1-11	---	6.1 - 7.3	---	---	---	---
	2-40	3.0-16	---	6.1 - 7.3	---	---	---	---
	40-60	2.9-15	---	6.1 - 7.3	---	---	---	---
s452:								
Augustine	0-3	7.3-15	---	6.6 - 7.8	---	---	---	---
	3-37	---	---	7.4 - 7.8	---	---	---	---
	37-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Telescope	0-3	2.6-9.4	---	6.6 - 7.8	---	---	---	---
	3-19	---	---	7.4 - 7.8	---	---	---	---
	19-45	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	45-55	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Royosa	0-4	1.9-5.3	---	6.6 - 7.8	---	---	---	---
	4-43	---	---	6.6 - 7.8	---	---	---	---
	43-45	---	---	6.6 - 7.8	---	---	---	---
	45-49	---	---	---	---	---	---	---
s466:								
Kopie	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-6	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	6-14	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Quintana	0-6	13-22	---	7.4 - 7.8	---	---	---	---
	6-33	---	---	7.4 - 8.4	---	---	---	---
	33-41	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	41-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
s490:								
Monue	0-3	2.0-5.0	---	7.9 - 8.4	1-3	---	0.0-2.0	1-5
	3-60	3.0-11	---	7.9 - 9.0	3-10	---	0.0-2.0	1-5
Nakai	0-18	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	18-34	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	34-60	---	---	7.9 - 9.0	---	---	2.0-8.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s490:								
Blackston	0-3	5.0-10	---	7.9 - 8.4	1-5	---	0.0-2.0	0-5
	3-9	5.0-10	---	7.9 - 9.0	5-10	---	0.0-2.0	5-13
	9-15	10-20	---	7.9 - 9.0	10-15	---	2.0-4.0	5-13
	15-35	5.0-10	---	7.9 - 8.4	5-10	---	2.0-4.0	0-5
	35-70	0.0-5.0	---	7.9 - 8.4	1-5	---	0.0-2.0	---
s495:								
Badland	0-60	---	---	---	---	---	---	---
Torriorthents	0-60	---	---	7.9 - 9.0	---	15-90	2.0-8.0	---
Calciorthids	0-5	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	5-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
s1417:								
Youngston	0-10	10-20	---	7.4 - 7.8	0-5	---	0.0-4.0	---
	10-43	5.0-20	---	7.4 - 8.4	4-15	---	0.0-4.0	---
	43-60	5.0-20	---	7.4 - 8.4	4-15	---	0.0-4.0	---
Torrifluvents	0-6	---	---	---	---	---	---	---
	6-60	0.0-7.8	---	6.6 - 7.8	0-5	---	---	---
s1420:								
Farb	0-7	11-16	---	7.4 - 8.4	---	---	---	---
	7-10	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	10-14	---	---	---	---	---	---	---
Mack	0-4	5.0-10	---	6.6 - 8.4	0-5	---	0.0-2.0	---
	4-18	5.0-20	---	6.6 - 8.4	0-5	---	0.0-2.0	---
	18-36	5.0-15	---	7.9 - 8.4	15-40	---	2.0-8.0	---
	36-60	5.0-15	---	7.9 - 8.4	15-40	---	2.0-8.0	---
	60-70	5.0-15	---	7.9 - 9.0	10-15	---	2.0-8.0	0-10
Redlands	0-7	13-17	---	7.4 - 8.4	---	---	---	---
	7-18	---	---	7.4 - 8.4	---	---	---	---
	18-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Badland	0-60	---	---	---	---	---	---	---
Moenkopie	0-3	2.0-12	---	7.4 - 9.0	1-10	---	0.0-2.0	---
	3-8	3.0-14	---	7.4 - 9.0	1-10	0-1	0.0-2.0	0-2
	8-12	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s1420:								
Myton family	0-6	12-19	---	7.9 - 8.4	5-15	---	---	---
	6-60	4.0-12	---	7.9 - 9.0	15-30	0-1	0.0-2.0	---
s1422:								
Claysprings	0-3	10-20	---	7.9 - 9.0	1-15	0-5	0.0-4.0	0-10
	3-18	15-35	---	7.8 - 9.6	1-15	0-10	0.0-4.0	0-10
	18-22	---	---	---	---	---	---	---
Myton family	0-6	12-19	---	7.9 - 8.4	5-15	---	---	---
	6-60	4.0-12	---	7.9 - 9.0	15-30	0-1	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Uzona	0-1	10-20	---	7.4 - 8.4	1-5	---	2.0-4.0	0-10
	1-45	15-35	---	7.4 - 9.0	1-15	0-5	4.0-16.0	15-50
	45-60	10-25	---	7.4 - 9.0	1-15	0-15	4.0-16.0	15-50
s1424:								
Cragola	0-2	11-19	---	7.4 - 7.8	0-5	---	---	---
	2-18	10-20	---	7.4 - 8.4	1-15	---	0.0-2.0	---
	18-22	---	---	---	---	---	---	---
Rizno	0-2	5.0-10	---	7.4 - 8.4	5-15	---	0.0-2.0	---
	2-5	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	5-7	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	7-14	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Romberg	0-2	13-22	---	6.6 - 7.8	---	---	---	---
	2-20	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	20-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Littlenan	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-29	---	---	7.9 - 9.0	---	---	2.0-4.0	---
	29-33	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Bodot	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-36	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	36-40	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5091:								
Typic Ustochrepts	0-9	7.7-12	---	7.9 - 8.4	---	---	---	---
	9-37	---	---	7.9 - 8.4	---	---	---	---
	37-60	---	---	7.9 - 8.4	---	---	---	---
s5092:								
Typic Ustochrepts	0-6	7.3-12	---	7.4 - 7.8	---	---	---	---
	6-33	---	---	7.4 - 8.4	---	---	---	---
	33-41	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	41-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Lithic Ustochrepts	0-3	9.2-13	---	6.6 - 8.4	---	---	---	---
	3-11	---	---	6.6 - 8.4	---	---	---	---
	11-15	---	---	---	---	---	---	---
s5112:								
Cumulic Haplustolls	0-14	9.1-21	---	6.6 - 7.8	---	---	---	---
	14-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	60-70	---	---	7.4 - 8.4	---	---	0.0-2.0	---
s5160:								
Viuda	0-3	8.6-17	---	7.4 - 7.8	---	---	---	---
	3-16	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	16-19	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	19-23	---	---	---	---	---	---	---
Penistaja	0-4	8.0-16	---	6.6 - 8.4	---	---	0.0-2.0	---
	4-28	13-19	---	6.6 - 8.4	5-10	---	0.0-2.0	---
	28-60	10-16	---	6.6 - 8.4	5-10	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Aparejo	0-2	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	2-18	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	18-60	---	---	7.9 - 8.4	---	---	2.0-4.0	---
Venadito	0-3	20-35	---	7.9 - 8.4	5-10	0-2	0.0-2.0	0-5
	3-60	40-55	---	7.9 - 8.4	5-10	0-2	2.0-4.0	0-10
s5161:								
Cabezon	0-2	7.8-18	---	6.1 - 7.8	---	---	---	---
	2-18	---	---	6.1 - 7.8	---	---	---	---
	18-22	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5161:								
Cantina	0-2	13-17	---	6.6 - 7.3	---	---	---	---
	2-9	---	---	6.6 - 7.3	---	---	---	---
	9-31	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	31-54	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	54-58	---	---	---	---	---	---	---
Millpaw	0-4	16-21	---	7.4 - 7.8	---	---	---	---
	4-35	---	---	7.4 - 7.8	---	---	---	---
	35-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Montecito	0-3	21-24	---	6.6 - 7.8	---	---	---	---
	3-24	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	24-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Bandera	0-9	10-18	---	6.6 - 8.4	0	0	0.0-2.0	0-4
	9-16	8.0-16	---	6.6 - 8.4	0-5	0	0.0-2.0	0-4
	16-60	1.0-5.0	---	6.6 - 8.4	0-5	0	0.0-2.0	0-4
Ildefonso	0-3	7.1-16	---	7.4 - 7.8	---	---	---	---
	3-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Torreon	0-2	11-25	---	6.6 - 7.3	---	---	---	---
	2-25	---	---	6.6 - 7.8	---	---	---	---
	25-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Loarc	0-14	8.9-13	---	6.6 - 7.3	---	---	---	---
	14-23	---	---	6.6 - 8.4	---	---	---	---
	23-36	---	---	6.1 - 9.0	---	---	0.0-2.0	---
	36-60	---	---	6.1 - 9.0	---	---	0.0-2.0	---
s5164:								
Laporte	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-11	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	11-15	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Vessilla	0-2	5.4-11	---	6.6 - 8.4	5-10	---	---	---
	2-11	5.0-10	---	7.4 - 8.4	5-10	---	0.0-2.0	---
	11-15	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5164:								
Atarque	0-2	8.6-15	---	6.6 - 7.3	---	---	---	---
	2-16	---	---	6.6 - 7.8	---	---	---	---
	16-22	---	---	---	---	---	---	---
Flugle	0-3	4.8-9.3	---	6.6 - 7.3	---	---	---	---
	3-25	---	---	6.6 - 8.4	---	---	---	---
	25-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Mion	0-4	17-23	---	7.4 - 8.4	---	---	---	---
	4-14	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
s5165:								
Penistaja	0-4	8.0-16	---	6.6 - 8.4	---	---	0.0-2.0	---
	4-28	13-19	---	6.6 - 8.4	5-10	---	0.0-2.0	---
	28-60	10-16	---	6.6 - 8.4	5-10	---	0.0-2.0	---
Sparank	0-2	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	2-60	---	---	7.4 - 8.4	---	---	2.0-4.0	---
San Mateo	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-29	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	29-60	---	---	7.4 - 9.0	---	---	2.0-4.0	---
Mespun	0-11	2.6-6.2	---	6.1 - 7.8	---	---	---	---
	11-60	---	---	6.1 - 7.8	---	---	---	---
Palma	0-7	4.8-9.1	---	6.6 - 8.4	---	---	---	---
	7-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Mikim	0-9	8.9-21	---	6.6 - 8.4	---	---	---	---
	9-60	---	---	7.4 - 9.0	---	---	0.0-2.0	---
Venadito	0-3	20-35	---	7.9 - 8.4	5-10	0-2	0.0-2.0	0-5
	3-60	40-55	---	7.9 - 8.4	5-10	0-2	2.0-4.0	0-10
Mion	0-3	13-21	---	6.6 - 8.4	---	---	---	---
	3-13	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	13-17	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5167:								
Raton	0-9	18-29	---	6.6 - 7.3	---	---	---	---
	9-15	---	---	6.6 - 7.3	---	---	---	---
	15-19	---	---	---	---	---	---	---
Charo	0-5	17-22	---	6.6 - 7.3	---	---	---	---
	5-28	---	---	6.6 - 7.8	---	---	---	---
	28-32	---	---	---	---	---	---	---
Lava flows	0-60	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Bandera	0-9	10-18	---	6.6 - 8.4	0	0	0.0-2.0	0-4
	9-16	8.0-16	---	6.6 - 8.4	0-5	0	0.0-2.0	0-4
	16-60	1.0-5.0	---	6.6 - 8.4	0-5	0	0.0-2.0	0-4
Borrego	0-6	11-19	---	6.6 - 7.3	---	---	---	---
	6-13	---	---	5.6 - 7.3	---	---	---	---
	13-18	---	---	5.6 - 7.3	---	---	---	---
	18-22	---	---	---	---	---	---	---
s5168:								
Flugle	0-3	4.8-9.3	---	6.6 - 7.3	---	---	---	---
	3-25	---	---	6.6 - 8.4	---	---	---	---
	25-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Catman	0-3	---	---	7.4 - 7.8	---	---	2.0-8.0	---
	3-43	---	---	7.4 - 8.4	---	---	2.0-8.0	---
	43-70	---	---	7.4 - 8.4	---	---	2.0-8.0	---
Celacy	0-8	13-16	---	7.4 - 7.8	---	---	---	---
	8-22	---	---	7.4 - 7.8	---	---	---	---
	22-28	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	28-32	---	---	---	---	---	---	---
Quintana	0-11	8.6-17	---	7.4 - 7.8	---	---	---	---
	11-46	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	46-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Silkie	0-4	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	4-60	---	---	6.6 - 7.8	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5168:								
Teco	0-6	8.9-17	---	6.6 - 7.3	---	---	---	---
	6-36	---	---	7.4 - 8.4	---	---	---	---
	36-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Mion	0-4	17-23	---	7.4 - 8.4	---	---	---	---
	4-14	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Vessilla	0-2	5.4-11	---	6.6 - 8.4	5-10	---	---	---
	2-11	5.0-10	---	7.4 - 8.4	5-10	---	0.0-2.0	---
	11-15	---	---	---	---	---	---	---
Atarque	0-2	8.6-15	---	6.6 - 7.3	---	---	---	---
	2-16	---	---	6.6 - 7.8	---	---	---	---
	16-22	---	---	---	---	---	---	---
Goesling	0-4	4.8-9.3	---	6.6 - 7.8	---	---	---	---
	4-30	---	---	6.6 - 8.4	---	---	---	---
	30-64	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Venadito	0-3	20-35	---	7.9 - 8.4	5-10	0-2	0.0-2.0	0-5
	3-60	40-55	---	7.9 - 8.4	5-10	0-2	2.0-4.0	0-10
Hickman	0-3	13-23	---	7.4 - 8.4	0-2	---	---	1-5
	3-60	13-27	---	7.4 - 9.0	1-10	---	0.0-2.0	1-12
s5169:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Nogal	0-2	8.9-16	---	6.6 - 7.3	---	---	---	---
	2-30	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	30-34	---	---	---	---	---	---	---
Galestina	0-2	8.6-16	---	6.6 - 7.3	---	---	---	---
	2-7	---	---	6.6 - 7.8	---	---	---	---
	7-46	---	---	6.6 - 7.8	---	---	---	---
	46-60	---	---	---	---	---	---	---
Mion	0-4	17-23	---	7.4 - 8.4	---	---	---	---
	4-14	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Pinitos	0-2	8.6-15	---	6.6 - 7.3	---	---	---	---
	2-24	14-27	---	6.6 - 7.8	---	---	---	---
	24-60	11-20	---	7.4 - 7.8	5-10	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5169:								
Vessilla	0-2	5.4-11	---	6.6 - 8.4	5-10	---	---	---
	2-11	5.0-10	---	7.4 - 8.4	5-10	---	0.0-2.0	---
	11-15	---	---	---	---	---	---	---
Ribera	0-9	10-15	---	6.6 - 7.8	---	---	---	---
	9-26	---	---	7.4 - 8.4	---	---	---	---
	26-31	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	31-35	---	---	---	---	---	---	---
Flugle	0-3	4.8-9.3	---	6.6 - 7.3	---	---	---	---
	3-25	---	---	6.6 - 8.4	---	---	---	---
	25-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Montecito	0-6	8.6-17	---	6.6 - 7.8	---	---	---	---
	6-19	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	19-30	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	30-45	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	45-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Teco	0-6	8.9-17	---	6.6 - 7.3	---	---	---	---
	6-36	---	---	7.4 - 8.4	---	---	---	---
	36-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Catman	0-3	---	---	7.4 - 7.8	---	---	2.0-8.0	---
	3-43	---	---	7.4 - 8.4	---	---	2.0-8.0	---
	43-70	---	---	7.4 - 8.4	---	---	2.0-8.0	---
Hickman	0-3	13-23	---	7.4 - 8.4	0-2	---	---	1-5
	3-60	13-27	---	7.4 - 9.0	1-10	---	0.0-2.0	1-12
s5170:								
Teco	0-6	8.9-17	---	6.6 - 7.3	---	---	---	---
	6-36	---	---	7.4 - 8.4	---	---	---	---
	36-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Cabezon	0-2	13-23	---	6.1 - 7.8	---	---	---	---
	2-18	---	---	6.1 - 7.8	---	---	---	---
	18-22	---	---	---	---	---	---	---
Atarque	0-2	8.6-15	---	6.6 - 7.3	---	---	---	---
	2-16	---	---	6.6 - 7.8	---	---	---	---
	16-22	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5170:								
Montecito	0-3	21-24	---	6.6 - 7.8	---	---	---	---
	3-24	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	24-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Torreon	0-2	11-25	---	6.6 - 7.3	---	---	---	---
	2-25	---	---	6.6 - 7.8	---	---	---	---
	25-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
s5171:								
Cinnadale	0-4	8.9-13	---	6.6 - 7.3	---	---	---	---
	4-12	---	---	6.6 - 7.3	---	---	---	---
	12-16	---	---	---	---	---	---	---
Valnor	0-6	17-29	---	6.6 - 7.3	---	---	---	---
	6-12	---	---	6.6 - 7.3	---	---	---	---
	12-31	---	---	6.6 - 7.8	---	---	---	---
	31-36	---	---	6.6 - 8.4	---	---	0.0-2.0	---
	36-40	---	---	---	---	---	---	---
Techado	0-3	23-30	---	6.6 - 7.3	---	---	---	---
	3-16	---	---	6.6 - 7.3	---	---	---	---
	16-20	---	---	---	---	---	---	---
Kenray	0-15	4.0-7.7	---	6.6 - 7.3	---	---	---	---
	15-60	---	---	6.6 - 7.3	---	---	---	---
Mirabal	0-3	8.9-16	---	6.1 - 6.5	---	---	---	---
	3-14	---	---	6.1 - 6.5	---	---	---	---
	14-21	---	---	6.1 - 6.5	---	---	---	---
	21-25	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Abersito	0-3	15-25	---	6.1 - 6.5	0	0	0.0-2.0	0-4
	3-9	7.0-15	---	6.1 - 6.5	0	0	0.0-2.0	0-4
	9-24	25-45	---	6.1 - 6.5	0	0	0.0-2.0	0-4
	24-28	---	---	---	---	---	---	---
McGaffey	0-3	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	3-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5171:								
Stout	0-3	8.6-15	---	6.6 - 7.3	---	---	---	---
	3-14	---	---	6.6 - 7.3	---	---	---	---
	14-18	---	---	---	---	---	---	---
Stout	0-3	8.6-15	---	6.6 - 7.3	---	---	---	---
	3-14	---	---	6.6 - 7.3	---	---	---	---
	14-18	---	---	---	---	---	---	---
s5172:								
Stout	0-3	8.6-15	---	6.6 - 7.3	---	---	---	---
	3-14	---	---	6.6 - 7.3	---	---	---	---
	14-18	---	---	---	---	---	---	---
Hesperus	0-11	7.5-16	---	6.1 - 7.8	---	---	---	---
	11-44	17-29	---	6.1 - 7.8	---	---	---	---
	44-60	11-27	---	6.1 - 7.8	---	---	---	---
Kiln	0-5	10-25	---	6.6 - 7.8	0-1	0	0.0-2.0	0-4
	5-10	15-25	---	6.6 - 7.8	0-1	0	0.0-2.0	0-4
	10-14	---	---	---	---	---	---	---
s5173:								
Royosa	0-8	0.0-5.3	---	6.6 - 7.8	0-3	---	---	---
	8-60	0.0-7.4	---	6.6 - 7.8	0-3	---	---	---
Royosa	0-8	2.7-8.2	---	6.6 - 7.8	0-3	---	---	---
	8-60	0.0-7.4	---	6.6 - 7.8	0-3	---	---	---
Telescope	0-3	2.6-9.4	---	6.6 - 7.8	---	---	---	---
	3-19	---	---	7.4 - 7.8	---	---	---	---
	19-45	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	45-55	---	---	7.9 - 8.4	---	---	0.0-2.0	---
s5174:								
Kimbeto	0-3	2.0-5.0	---	7.4 - 8.4	0-1	---	0.0-2.0	---
	3-10	5.0-10	---	7.9 - 8.4	1-5	---	0.0-2.0	0-5
	10-18	10-15	---	7.9 - 9.6	5-10	---	0.0-2.0	0-5
	18-29	5.0-10	---	7.9 - 9.0	10-30	---	2.0-8.0	5-25
	29-42	2.0-10	---	7.9 - 9.0	5-15	0-5	4.0-16.0	13-30
	42-46	---	---	---	---	---	---	---
Denazar	0-11	1.0-5.0	---	6.6 - 7.8	0-3	---	0.0-2.0	---
	11-34	2.0-5.0	---	7.9 - 9.0	5-15	---	2.0-4.0	0-5
	34-62	2.0-5.0	---	7.9 - 9.0	15-50	---	2.0-4.0	0-5

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5174:								
Farb	0-3	13-17	---	7.4 - 8.4	---	---	---	---
	3-11	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	11-15	---	---	---	---	---	---	---
Tocito	0-6	10-15	---	7.9 - 8.4	5-10	0-1	2.0-4.0	0-5
	6-12	10-15	---	7.9 - 8.4	5-10	0-1	2.0-4.0	0-5
	12-16	15-20	---	7.9 - 8.4	5-10	1-5	4.0-8.0	5-13
	16-28	10-15	---	7.9 - 8.4	10-15	1-5	4.0-8.0	0-5
	28-70	10-20	---	7.9 - 8.4	10-15	1-5	4.0-8.0	5-13
Jeddito	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-9	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	9-27	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	27-60	---	---	7.4 - 8.4	---	---	2.0-4.0	---
Tewa	0-1	13-17	---	7.4 - 7.8	---	---	---	---
	1-25	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	25-31	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	31-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Huerfano	0-1	5.0-10	---	7.4 - 8.4	1-3	---	0.0-2.0	0-5
	1-11	10-20	---	8.5 - 9.0	3-10	0-1	4.0-8.0	30-60
	11-18	10-20	---	7.9 - 8.4	2-5	1-5	8.0-16.0	13-30
	18-22	---	---	---	---	---	---	---
Shiprock	0-3	2.0-5.0	---	7.9 - 8.4	1-3	---	0.0-2.0	---
	3-36	5.0-10	---	7.9 - 9.0	3-5	---	2.0-4.0	0-5
	36-66	5.0-10	---	7.9 - 9.0	3-5	---	4.0-8.0	5-13
Benally	0-4	2.0-5.0	---	7.4 - 8.4	1-3	---	0.0-2.0	0-5
	4-15	5.0-10	---	7.9 - 9.0	1-3	---	0.0-2.0	5-13
	15-56	10-20	---	8.5 - 9.0	3-5	1-3	4.0-8.0	13-30
	56-64	2.0-5.0	---	7.9 - 8.4	1-3	0-1	4.0-8.0	5-13
Werito	0-3	10-15	---	7.9 - 8.4	3-5	---	0.0-2.0	0-5
	3-7	15-20	---	8.5 - 9.0	3-5	---	0.0-4.0	5-13
	7-17	15-20	---	7.9 - 9.0	3-10	---	2.0-4.0	13-30
	17-22	15-30	---	6.1 - 7.8	1-3	5-10	4.0-8.0	13-30
	22-34	---	15-30	3.6 - 6.0	0-1	0-1	4.0-8.0	13-30
	34-38	---	---	---	---	---	---	---
Badland	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5174:								
Brimhall	0-2	2.0-5.0	---	7.4 - 8.4	2-5	---	0.0-2.0	---
	2-21	5.0-10	---	7.9 - 8.4	5-20	0-1	0.0-2.0	0-5
	21-29	5.0-10	---	7.9 - 8.4	5-10	1-5	2.0-4.0	0-5
	29-49	5.0-10	---	7.9 - 8.4	1-5	15-30	4.0-16.0	5-35
	49-53	---	---	---	---	---	---	---
Genats	0-4	2.0-5.0	---	7.4 - 7.8	1-3	0-1	2.0-4.0	0-5
	4-13	15-30	---	7.4 - 9.0	0-1	1-5	4.0-8.0	13-30
	13-27	15-30	---	6.1 - 7.8	---	1-3	8.0-16.0	13-30
	27-31	---	---	---	---	---	---	---
Nakai	0-18	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	18-34	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	34-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Benally	0-2	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	2-18	---	---	8.5 - 9.0	---	---	4.0-16.0	---
	18-45	---	---	7.9 - 8.4	---	---	8.0-16.0	---
	45-49	---	---	---	---	---	---	---
Mack	0-3	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	3-16	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	16-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Mesa	0-4	13-17	---	7.4 - 7.8	---	---	---	---
	4-14	---	---	7.4 - 8.4	---	---	---	---
	14-20	---	---	7.9 - 8.4	---	---	0.0-8.0	---
	20-60	---	---	7.9 - 8.4	---	---	4.0-16.0	---
Suwanee	0-7	---	---	7.4 - 8.4	---	---	0.0-4.0	---
	7-60	---	---	7.4 - 8.4	---	---	0.0-4.0	---
Notal	0-3	---	---	7.9 - 9.0	---	---	4.0-8.0	---
	3-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
s5175:								
Fruitland	0-7	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
	7-60	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5175:								
Turley	0-3	---	---	7.4 - 9.0	---	---	2.0-4.0	---
	3-57	---	---	7.4 - 9.0	---	---	2.0-4.0	---
	57-80	---	---	7.4 - 9.0	---	---	2.0-4.0	---
Garland	0-4	10-15	---	7.4 - 8.4	---	---	2.0-4.0	---
	4-21	15-20	---	7.4 - 9.0	0-5	---	2.0-4.0	1-10
	21-30	10-15	---	7.9 - 9.0	5-10	0-5	2.0-4.0	5-10
	30-60	---	---	7.9 - 8.4	0-5	0-5	0.0-2.0	---
Walrees	0-6	10-20	---	7.9 - 9.0	0-5	0	2.0-8.0	0-5
	6-30	10-25	---	7.9 - 9.0	5-15	0	2.0-8.0	0-5
	30-81	1.0-10	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
Apishapa	0-8	---	---	7.4 - 8.4	---	---	2.0-16.0	---
	8-60	---	---	7.9 - 9.0	---	---	4.0-16.0	---
Werlog	0-6	12-17	---	7.4 - 9.0	---	---	2.0-4.0	---
	6-60	11-21	---	7.4 - 9.0	---	---	2.0-4.0	---
	60-81	1.0-6.0	---	7.4 - 9.0	---	---	2.0-4.0	---
Green River	0-6	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	6-60	---	---	7.9 - 8.4	---	---	2.0-8.0	---
Youngston	0-10	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	10-60	---	---	7.9 - 8.4	---	---	2.0-4.0	---
s5177:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Travessilla	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-12	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	12-16	---	---	---	---	---	---	---
Weska	0-1	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	1-7	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	7-11	---	---	---	---	---	---	---
Oelop	0-3	12-22	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-44	11-23	---	7.9 - 8.4	1-10	---	2.0-4.0	---
	44-60	6.0-12	---	7.9 - 9.0	5-15	---	2.0-4.0	---
Blancot	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5177:								
Notal	0-3	---	---	7.9 - 9.0	---	---	4.0-8.0	---
	3-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---
Twick	0-4	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	4-17	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	17-21	---	---	---	---	---	---	---
Silver	0-4	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	4-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	60-70	---	---	7.4 - 8.4	---	---	0.0-2.0	---
s5179:								
Badland	0-60	---	---	---	---	---	---	---
Persayo	0-4	---	---	7.9 - 9.0	---	---	0.0-8.0	---
	4-14	---	---	7.4 - 9.0	---	---	0.0-8.0	---
	14-18	---	---	---	---	---	---	---
Farb	0-7	11-16	---	7.4 - 8.4	---	---	---	---
	7-10	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	10-14	---	---	---	---	---	---	---
Blancot	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Blackston	0-14	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	14-28	---	---	7.9 - 8.4	---	---	4.0-8.0	---
	28-60	---	---	7.9 - 8.4	---	---	4.0-8.0	---
Fruitland	0-7	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
	7-60	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Stumble	0-5	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	5-29	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	29-49	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	49-81	---	---	7.9 - 9.0	---	---	0.0-4.0	---
Notal	0-3	---	---	7.9 - 9.0	---	---	4.0-8.0	---
	3-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5179:								
Riverwash	0-3	---	---	---	---	---	---	---
	3-60	---	---	---	---	---	---	---
Shiprock	0-2	8.6-16	---	7.4 - 8.4	---	---	---	---
	2-60	---	---	7.4 - 9.0	---	---	0.0-4.0	---
s5180:								
Doak	0-5	5.0-15	---	7.4 - 8.4	0-5	---	0.0-2.0	---
	5-43	10-20	---	7.4 - 9.0	1-10	---	2.0-4.0	---
	43-69	10-20	---	7.9 - 9.0	5-12	---	2.0-4.0	---
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Shiprock	0-2	8.6-16	---	7.4 - 8.4	---	---	---	---
	2-60	---	---	7.4 - 9.0	---	---	0.0-4.0	---
Blancot	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---
Fruitland	0-7	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
	7-60	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
Notal	0-3	---	---	7.9 - 9.0	---	---	4.0-8.0	---
	3-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---
Persayo	0-4	---	---	7.9 - 9.0	---	---	0.0-8.0	---
	4-14	---	---	7.4 - 9.0	---	---	0.0-8.0	---
	14-18	---	---	---	---	---	---	---
Badland	0-60	---	---	---	---	---	---	---
Stumble	0-5	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	5-29	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	29-49	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	49-81	---	---	7.9 - 9.0	---	---	0.0-4.0	---
s5181:								
Badland	0-60	---	---	---	---	---	---	---
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5181:								
Monierco	0-5	8.8-17	---	7.4 - 8.4	---	---	---	---
	5-16	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Fruitland	0-7	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
	7-60	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
Huerfano	0-2	---	---	7.9 - 9.0	---	---	4.0-16.0	---
	2-15	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	15-19	---	---	---	---	---	---	---
Notal	0-3	---	---	7.9 - 9.0	---	---	4.0-8.0	---
	3-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---
Avalon	0-11	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	11-42	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	42-60	---	---	7.9 - 8.4	---	---	2.0-8.0	---
Doak	0-5	5.0-15	---	7.4 - 8.4	0-5	---	0.0-2.0	---
	5-43	10-20	---	7.4 - 9.0	1-10	---	2.0-4.0	---
	43-69	10-20	---	7.9 - 9.0	5-12	---	2.0-4.0	---
Persayo	0-4	---	---	7.9 - 9.0	---	---	0.0-8.0	---
	4-14	---	---	7.4 - 9.0	---	---	0.0-8.0	---
	14-18	---	---	---	---	---	---	---
Blancot	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---
Shiprock	0-2	8.6-16	---	7.4 - 8.4	---	---	---	---
	2-60	---	---	7.4 - 9.0	---	---	0.0-4.0	---
Uffens	0-9	---	---	7.4 - 8.4	---	---	4.0-8.0	---
	9-20	---	---	8.4 - 9.6	---	---	16.0	---
	20-60	---	---	7.8 - 9.6	---	---	16.0	---
s5182:								
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5182:								
Huerfano	0-2	---	---	7.9 - 9.0	---	---	4.0-16.0	---
	2-15	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	15-19	---	---	---	---	---	---	---
Notal	0-3	---	---	7.9 - 9.0	---	---	4.0-8.0	---
	3-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---
Shiprock	0-2	8.6-16	---	7.4 - 8.4	---	---	---	---
	2-60	---	---	7.4 - 9.0	---	---	0.0-4.0	---
Muff	0-5	5.0-15	---	7.4 - 8.4	0-5	0-4	2.0-4.0	0-5
	5-19	10-20	---	8.4 - 9.6	4-15	0-4	4.0-8.0	13-30
	19-30	10-15	---	8.4 - 9.6	4-15	0-4	4.0-8.0	5-20
	30-34	---	---	---	---	---	---	---
Blancot	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---
Avalon	0-11	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	11-42	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	42-60	---	---	7.9 - 8.4	---	---	2.0-8.0	---
Badland	0-60	---	---	---	---	---	---	---
Doak	0-5	5.0-15	---	7.4 - 8.4	0-5	---	0.0-2.0	---
	5-43	10-20	---	7.4 - 9.0	1-10	---	2.0-4.0	---
	43-69	10-20	---	7.9 - 9.0	5-12	---	2.0-4.0	---
Uffens	0-9	---	---	7.4 - 8.4	---	---	4.0-8.0	---
	9-20	---	---	8.4 - 9.6	---	---	16.0	---
	20-60	---	---	7.8 - 9.6	---	---	16.0	---
Monierco	0-5	8.8-17	---	7.4 - 8.4	---	---	---	---
	5-16	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
s5183:								
Badland	0-60	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5183:								
Riverwash	0-3	---	---	---	---	---	---	---
	3-60	---	---	---	---	---	---	---
Blancot	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---
Notal	0-3	---	---	7.9 - 9.0	---	---	4.0-8.0	---
	3-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---
s5184:								
Badland	0-60	---	---	---	---	---	---	---
Fruitland	0-7	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
	7-60	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
Blancot	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---
Persayo	0-4	---	---	7.9 - 9.0	---	---	0.0-8.0	---
	4-14	---	---	7.4 - 9.0	---	---	0.0-8.0	---
	14-18	---	---	---	---	---	---	---
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Notal	0-3	---	---	7.9 - 9.0	---	---	4.0-8.0	---
	3-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---
s5185:								
Shiprock	0-2	8.6-16	---	7.4 - 8.4	---	---	---	---
	2-60	---	---	7.4 - 9.0	---	---	0.0-4.0	---
Avalon	0-11	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	11-42	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	42-60	---	---	7.9 - 8.4	---	---	2.0-8.0	---
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Mayqueen	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-12	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	12-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5185:								
Doak	0-5	5.0-15	---	7.4 - 8.4	0-5	---	0.0-2.0	---
	5-43	10-20	---	7.4 - 9.0	1-10	---	2.0-4.0	---
	43-69	10-20	---	7.9 - 9.0	5-12	---	2.0-4.0	---
s5186:								
Doak	0-5	5.0-15	---	7.4 - 8.4	0-5	---	0.0-2.0	---
	5-43	10-20	---	7.4 - 9.0	1-10	---	2.0-4.0	---
	43-69	10-20	---	7.9 - 9.0	5-12	---	2.0-4.0	---
Uffens	0-9	---	---	7.4 - 8.4	---	---	4.0-8.0	---
	9-20	---	---	8.4 - 9.6	---	---	16.0	---
	20-60	---	---	7.8 - 9.6	---	---	16.0	---
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Shiprock	0-2	8.6-16	---	7.4 - 8.4	---	---	---	---
	2-60	---	---	7.4 - 9.0	---	---	0.0-4.0	---
Avalon	0-11	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	11-42	---	---	7.9 - 8.4	---	---	2.0-8.0	---
	42-60	---	---	7.9 - 8.4	---	---	2.0-8.0	---
Mayqueen	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-12	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	12-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Fruitland	0-7	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
	7-60	5.0-10	---	7.4 - 8.4	5-10	---	0.0-4.0	---
Huerfano	0-2	---	---	7.9 - 9.0	---	---	4.0-16.0	---
	2-15	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	15-19	---	---	---	---	---	---	---
Monierco	0-5	8.8-17	---	7.4 - 8.4	---	---	---	---
	5-16	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---
s5187:								
Gobernador	0-2	22-29	---	7.8 - 9.6	1-5	---	2.0-4.0	13-45
	2-60	28-38	---	7.8 - 9.6	1-5	---	8.0-16.0	13-45
Orlie	0-2	13-17	---	6.6 - 7.3	---	---	---	---
	2-22	19-23	---	6.6 - 8.4	0-5	---	0.0-2.0	---
	22-60	18-22	---	7.4 - 8.4	5-10	---	0.0-4.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5187:								
Sparham	0-4	22-26	---	7.9 - 8.4	1-10	---	0.0-2.0	1-12
	4-41	25-31	---	7.9 - 8.4	1-10	---	4.0-8.0	5-12
	41-54	25-31	---	7.9 - 8.4	1-10	---	4.0-8.0	5-12
	54-60	7.0-12	---	7.4 - 8.4	5-15	---	0.0-2.0	5-12
s5188:								
Sparank	0-2	14-21	---	7.9 - 9.0	1-10	---	0.0-4.0	1-5
	2-60	21-31	---	7.9 - 9.0	5-15	---	4.0-8.0	13-30
Pinavetes	0-10	2.6-7.8	---	6.6 - 8.4	1-5	---	---	---
	10-60	4.2-11	---	6.6 - 8.4	1-5	---	---	---
San Mateo	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-29	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	29-60	---	---	7.4 - 9.0	---	---	2.0-4.0	---
Florita	0-4	13-17	---	7.4 - 7.8	---	---	---	---
	4-43	---	---	7.4 - 7.8	---	---	---	---
	43-60	---	---	7.4 - 7.8	---	---	---	---
Riverwash	0-3	---	---	---	---	---	---	---
	3-60	---	---	---	---	---	---	---
s5189:								
Penistaja	0-4	8.0-16	---	6.6 - 8.4	---	---	0.0-2.0	---
	4-28	13-19	---	6.6 - 8.4	5-10	---	0.0-2.0	---
	28-60	10-16	---	6.6 - 8.4	5-10	---	0.0-2.0	---
Sedale	0-2	---	---	6.6 - 7.8	---	---	---	---
	2-8	---	---	6.6 - 7.8	---	---	---	---
	8-15	---	---	---	---	---	---	---
	15-19	---	---	---	---	---	---	---
Menefee	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-14	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Hosta	0-8	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	8-46	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	46-60	---	---	7.4 - 8.4	---	---	4.0-8.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5192:								
Pinitos	0-2	13-20	---	6.6 - 7.3	---	---	---	---
	2-24	14-27	---	6.6 - 7.8	---	---	---	---
	24-60	11-20	---	7.4 - 7.8	5-10	---	---	---
Royosa	0-8	0.0-5.3	---	6.6 - 7.8	0-3	---	---	---
	8-60	0.0-7.4	---	6.6 - 7.8	0-3	---	---	---
s5193:								
Lybrook	0-5	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	5-30	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	30-60	---	---	8.4 - 9.6	---	---	4.0-8.0	---
Tsosie	0-2	---	---	6.6 - 7.8	---	---	2.0-4.0	---
	2-26	---	---	8.5 - 9.0	---	---	4.0-8.0	---
	26-36	---	---	8.5 - 9.0	---	---	4.0-8.0	---
	36-60	---	---	8.5 - 9.0	---	---	4.0-8.0	---
s5194:								
Nalivag	0-3	10-20	---	6.6 - 7.3	---	---	0.0-2.0	---
	3-60	13-23	---	7.4 - 7.8	1-5	---	0.0-2.0	---
Ruson	0-2	17-22	---	7.4 - 8.4	---	---	---	---
	2-19	23-30	---	7.4 - 8.4	---	---	---	---
	19-60	25-31	---	7.4 - 8.4	0-5	---	0.0-4.0	---
s5197:								
Berryman	0-3	13-21	---	7.4 - 8.4	40-55	0-1	---	---
	3-60	4.7-19	---	7.4 - 8.4	40-55	0-1	---	---
Menefee	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-14	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Calendar	0-2	17-22	---	7.4 - 8.4	5-10	---	---	---
	2-17	26-34	---	7.4 - 8.4	5-10	---	---	---
	17-35	20-25	---	7.4 - 8.4	10-15	---	0.0-4.0	---
	35-39	---	---	---	---	---	---	---
s5213:								
Armijo	0-11	---	---	8.4 - 9.6	---	---	4.0-16.0	---
	11-33	---	---	8.4 - 9.6	---	---	4.0-16.0	---
	33-60	---	---	8.4 - 9.6	---	---	4.0-16.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5213:								
Tome	0-5	---	---	8.4 - 9.6	---	---	16.0	---
	5-42	---	---	8.4 - 9.6	---	---	16.0	---
	42-60	---	---	8.4 - 9.6	---	---	16.0	---
Bluepoint	0-9	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	9-24	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	24-41	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	41-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---
Tome	0-5	---	---	8.4 - 9.6	---	---	16.0	---
	5-42	---	---	8.4 - 9.6	---	---	16.0	---
	42-60	---	---	8.4 - 9.6	---	---	16.0	---
Adelino	0-4	---	---	8.5 - 9.0	---	---	4.0-8.0	---
	4-38	---	---	8.5 - 9.0	---	---	4.0-8.0	---
	38-60	---	---	8.5 - 9.0	---	---	4.0-8.0	---
Adelino	0-4	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	4-38	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	38-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
s5224:								
Penistaja	0-4	8.0-16	---	6.6 - 8.4	---	---	0.0-2.0	---
	4-28	13-19	---	6.6 - 8.4	5-10	---	0.0-2.0	---
	28-60	10-16	---	6.6 - 8.4	5-10	---	0.0-2.0	---
Silver	0-3	13-21	---	7.4 - 7.8	---	---	---	---
	3-45	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	45-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	60-70	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Otero	0-14	5.0-20	---	7.4 - 8.4	0-5	---	0.0-2.0	---
	14-60	2.0-10	---	7.4 - 8.4	1-5	---	0.0-4.0	---
Shingle	0-4	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	4-15	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	15-19	---	---	---	---	---	---	---
Travessilla	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-12	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	12-16	---	---	---	---	---	---	---
Badland	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5225:								
Kim	0-6	5.4-9.7	---	7.4 - 8.4	---	---	---	---
	6-60	---	---	7.9 - 8.4	---	---	---	---
Shingle	0-4	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	4-15	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	15-19	---	---	---	---	---	---	---
Badland	0-60	---	---	---	---	---	---	---
Gila	0-10	---	---	7.4 - 8.4	---	---	0.0-4.0	---
	10-60	---	---	7.4 - 8.4	---	---	0.0-4.0	---
Hantz	0-3	---	---	7.9 - 9.0	---	---	2.0-4.0	---
	3-60	---	---	7.9 - 9.0	---	---	2.0-4.0	---
	60-70	---	---	7.9 - 9.0	---	---	2.0-4.0	---
s5227:								
Kokan	0-4	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	4-60	---	---	7.4 - 9.0	---	---	0.0-2.0	---
Vinton	0-12	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	12-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Badland	0-60	---	---	---	---	---	---	---
Kim	0-6	5.4-9.7	---	7.4 - 8.4	---	---	---	---
	6-60	---	---	7.9 - 8.4	---	---	---	---
Pajarito	0-5	5.0-12	---	7.4 - 8.4	0	0	0.0-2.0	0
	5-40	10-20	---	7.9 - 8.4	2-15	0	0.0-2.0	0
	40-60	10-20	---	7.9 - 8.4	10-15	0	0.0-2.0	0
	60-70	5.0-10	---	7.9 - 8.4	10-15	0	0.0-2.0	0
s5228:								
Badland	0-60	---	---	---	---	---	---	---
Cudei	0-4	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	4-12	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	12-42	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	42-60	---	---	7.9 - 9.0	---	---	0.0-4.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5228:								
Tocito	0-6	10-15	---	7.9 - 8.4	5-10	0-1	2.0-4.0	0-5
	6-12	10-15	---	7.9 - 8.4	5-10	0-1	2.0-4.0	0-5
	12-16	15-20	---	7.9 - 8.4	5-10	1-5	4.0-8.0	5-13
	16-28	10-15	---	7.9 - 8.4	10-15	1-5	4.0-8.0	0-5
	28-70	10-20	---	7.9 - 8.4	10-15	1-5	4.0-8.0	5-13
Blackston	0-4	5.0-10	---	7.9 - 8.4	2-10	0	0.0	0
	4-25	5.0-15	---	7.9 - 9.0	15-25	0	0.0-2.0	0
	25-60	5.0-10	---	7.9 - 9.0	15-30	0	0.0-2.0	0
Kimbeto	0-2	5.0-10	---	7.4 - 7.8	3-5	---	0.0-2.0	---
	2-10	10-15	---	7.9 - 9.0	5-10	---	2.0-4.0	0-5
	10-54	10-15	---	7.9 - 9.0	10-30	0-2	4.0-16.0	5-30
	54-66	10-15	---	7.4 - 8.4	5-15	2-5	8.0-16.0	13-30
Mesa	0-4	21-28	---	7.4 - 8.4	---	---	---	---
	4-14	---	---	7.4 - 8.4	---	---	---	---
	14-20	---	---	7.9 - 8.4	---	---	0.0-8.0	---
	20-60	---	---	7.9 - 8.4	---	---	4.0-16.0	---
Fruitland	0-7	10-15	---	7.4 - 8.4	3-5	---	2.0-4.0	---
	7-42	5.0-10	---	7.4 - 8.4	3-5	---	2.0-4.0	---
	42-65	10-15	---	7.4 - 8.4	3-5	0-1	2.0-4.0	---
Water	---	---	---	---	---	---	---	---
Mesa	0-4	21-28	---	7.4 - 8.4	---	---	---	---
	4-14	---	---	7.4 - 8.4	---	---	---	---
	14-20	---	---	7.9 - 8.4	---	---	0.0-8.0	---
	20-60	---	---	7.9 - 8.4	---	---	4.0-16.0	---
Camac	0-3	5.0-10	---	7.9 - 8.4	5-10	---	0.0-4.0	0-5
	3-17	5.0-15	---	7.9 - 9.0	5-15	---	0.0-4.0	0-5
	17-31	10-20	---	7.9 - 9.0	10-15	0-1	4.0-8.0	5-13
	31-35	---	---	---	---	---	---	---
Turley	0-2	---	---	7.4 - 9.0	---	---	2.0-4.0	---
	2-23	---	---	7.4 - 9.0	---	---	2.0-4.0	---
	23-31	---	---	7.4 - 9.0	---	---	2.0-4.0	---
	31-57	---	---	7.4 - 9.0	---	---	2.0-4.0	---
	57-60	---	---	7.4 - 9.0	---	---	2.0-4.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5228:								
Riverwash	0-3	---	---	---	---	---	---	---
	3-60	---	---	---	---	---	---	---
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
s5229:								
Littlehat	0-2	5.0-15	---	7.9 - 9.0	10-20	1-10	4.0-16.0	13-30
	2-31	5.0-15	---	7.9 - 9.0	10-20	1-5	8.0-35.0	30-100
	31-35	---	---	---	---	---	---	---
Persayo	0-5	---	---	8.5 - 9.0	---	---	0.0-8.0	---
	5-12	---	---	8.5 - 9.0	---	---	0.0-8.0	---
	12-16	---	---	---	---	---	---	---
Lawet	0-10	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	10-29	---	---	8.5 - 9.0	---	---	2.0-4.0	---
	29-60	---	---	7.9 - 9.0	---	---	4.0-8.0	---
Nataani	0-3	5.0-10	---	7.4 - 8.4	5-10	0-1	2.0-4.0	0-5
	3-9	5.0-10	---	7.9 - 8.4	10-15	0-1	2.0-4.0	0-5
	9-21	5.0-10	---	7.4 - 8.4	5-15	15-45	2.0-16.0	0-13
	21-30	5.0-10	---	7.9 - 8.4	5-15	1-5	8.0-16.0	5-13
	30-34	---	---	---	---	---	---	---
Nakai	0-18	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	18-34	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	34-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Badland	0-60	---	---	---	---	---	---	---
Gyptur	0-2	5.0-10	---	7.4 - 8.4	5-10	---	2.0-4.0	0-5
	2-5	10-20	---	7.9 - 9.0	5-15	0-2	2.0-4.0	5-13
	5-17	10-20	---	7.9 - 9.0	5-15	10-25	2.0-8.0	5-13
	17-46	10-20	---	7.9 - 9.0	5-15	5-10	8.0-25.0	13-50
	46-50	---	---	---	---	---	---	---
Tsebitai	0-5	5.0-10	---	7.4 - 8.4	5-10	0-1	0.0-2.0	---
	5-26	5.0-10	---	7.4 - 8.4	5-10	0-1	0.0-2.0	---
	26-64	5.0-10	---	7.4 - 8.4	5-10	2-5	2.0-8.0	0-5
Benally	0-2	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	2-18	---	---	8.5 - 9.0	---	---	4.0-16.0	---
	18-45	---	---	7.9 - 8.4	---	---	8.0-16.0	---
	45-49	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5229:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Gullied land	0-60	---	---	---	---	---	---	---
Tocito	0-6	10-15	---	7.9 - 8.4	5-10	0-1	2.0-4.0	0-5
	6-12	10-15	---	7.9 - 8.4	5-10	0-1	2.0-4.0	0-5
	12-16	15-20	---	7.9 - 8.4	5-10	1-5	4.0-8.0	5-13
	16-28	10-15	---	7.9 - 8.4	10-15	1-5	4.0-8.0	0-5
	28-70	10-20	---	7.9 - 8.4	10-15	1-5	4.0-8.0	5-13
s5233:								
Querencia	0-4	11-21	---	7.4 - 8.4	---	---	---	---
	4-24	---	---	7.4 - 8.4	---	---	---	---
	24-60	---	---	7.4 - 8.4	---	---	---	---
Sandoval	0-2	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	2-15	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	15-19	---	---	---	---	---	---	---
Sparank	0-2	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	2-60	---	---	7.4 - 8.4	---	---	2.0-4.0	---
San Mateo	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-29	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	29-60	---	---	7.4 - 9.0	---	---	2.0-4.0	---
Skyvillage	0-2	8.9-13	---	7.4 - 8.4	---	---	---	---
	2-16	---	---	7.4 - 8.4	---	---	---	---
	16-20	---	---	---	---	---	---	---
Zia	0-5	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	5-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
s5235:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Zia	0-5	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	5-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Sandoval	0-2	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	2-15	---	---	7.9 - 9.0	---	---	0.0-4.0	---
	15-19	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5235:								
San Mateo	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-29	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	29-60	---	---	7.4 - 9.0	---	---	2.0-4.0	---
Penistaja	0-4	8.0-16	---	6.6 - 8.4	---	---	0.0-2.0	---
	4-28	13-19	---	6.6 - 8.4	5-10	---	0.0-2.0	---
	28-60	10-16	---	6.6 - 8.4	5-10	---	0.0-2.0	---
Saido	0-5	2.0-15	---	7.4 - 8.4	1-10	2-10	2.0-8.0	0-4
	5-60	2.0-15	---	7.9 - 8.4	5-10	35-50	0.0-2.0	0-4
Skyvillage	0-2	8.9-13	---	7.4 - 8.4	---	---	---	---
	2-16	---	---	7.4 - 8.4	---	---	---	---
	16-20	---	---	---	---	---	---	---
Hagerman	0-3	8.8-17	---	6.6 - 7.8	---	---	---	---
	3-30	12-22	---	6.6 - 8.4	2-10	---	0.0-2.0	---
	30-34	---	---	---	---	---	---	---
Sparank	0-2	---	---	7.9 - 9.0	---	---	16.0	---
	2-60	---	---	7.9 - 9.0	---	---	16.0	---
Querencia	0-4	11-15	---	7.4 - 8.4	---	---	---	---
	4-24	---	---	7.4 - 8.4	---	---	---	---
	24-60	---	---	7.4 - 8.4	---	---	---	---
s5248:								
Sheppard	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Fajada	0-2	---	---	7.4 - 7.8	---	---	2.0-4.0	---
	2-6	---	---	9.0 - 9.6	---	---	4.0-16.0	---
	6-16	---	---	9.0 - 9.6	---	---	4.0-16.0	---
	16-28	---	---	7.9 - 8.4	---	---	4.0-16.0	---
	28-60	---	---	---	---	---	---	---
Sparank	0-2	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	2-60	---	---	7.4 - 8.4	---	---	2.0-4.0	---
s5250:								
Mion	0-2	25-29	---	6.6 - 8.4	---	---	---	---
	2-16	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5250:								
Atarque	0-2	8.6-15	---	6.6 - 7.3	---	---	---	---
	2-16	---	---	6.6 - 7.8	---	---	---	---
	16-22	---	---	---	---	---	---	---
s5251:								
Doak	0-5	5.0-10	---	7.4 - 8.4	0-5	---	0.0-2.0	---
	5-43	10-20	---	7.4 - 9.0	1-10	---	2.0-4.0	---
	43-69	10-20	---	7.9 - 9.0	5-12	---	2.0-4.0	---
Kiki	0-6	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	6-14	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	14-24	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	24-28	---	---	---	---	---	---	---
s5252:								
Doakum	0-5	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	5-17	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	17-60	---	---	8.5 - 9.0	---	---	4.0-8.0	---
Betonne	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
s5253:								
Blancot	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-23	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	23-60	---	---	7.9 - 9.0	---	---	2.0-4.0	---
Councilor	0-2	3.0-10	---	7.9 - 8.4	0-5	0	0.0-2.0	0-4
	2-60	2.0-12	---	7.9 - 9.0	3-5	0	2.0-4.0	4-13
Tsowie	0-2	---	---	6.6 - 7.8	---	---	2.0-4.0	---
	2-26	---	---	8.5 - 9.0	---	---	4.0-8.0	---
	26-36	---	---	8.5 - 9.0	---	---	4.0-8.0	---
	36-60	---	---	8.5 - 9.0	---	---	4.0-8.0	---
s5331:								
Cabezon	0-4	24-36	---	6.1 - 7.3	---	---	---	---
	4-12	---	---	6.1 - 7.3	---	---	---	---
	12-16	---	---	---	---	---	---	---
Hubbell	0-4	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	4-60	---	---	9.0 - 9.6	---	---	2.0-4.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5331:								
Thunderbird	0-5	14-23	---	6.6 - 7.8	---	---	---	---
	5-23	---	---	6.6 - 8.4	---	---	0.0-2.0	---
	23-27	---	---	---	---	---	---	---
Rudd	0-10	17-23	---	7.4 - 8.4	---	---	---	---
	10-13	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	13-17	---	---	---	---	---	---	---
Veteado	0-6	13-17	---	6.6 - 7.3	---	---	---	---
	6-16	---	---	6.6 - 7.8	---	---	---	---
	16-28	---	---	7.4 - 8.4	---	---	---	---
	28-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Modyon	0-3	17-21	---	7.9 - 8.4	---	---	---	---
	3-16	---	---	7.9 - 8.4	---	---	---	---
	16-28	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	28-32	---	---	---	---	---	---	---
Penistaja	0-4	8.0-16	---	6.6 - 8.4	---	---	0.0-2.0	---
	4-28	13-19	---	6.6 - 8.4	5-10	---	0.0-2.0	---
	28-60	10-16	---	6.6 - 8.4	5-10	---	0.0-2.0	---
Celsosprings	0-3	17-23	---	6.1 - 6.5	---	---	---	---
	3-13	---	---	6.6 - 7.3	---	---	---	---
	13-26	---	---	6.6 - 7.3	---	---	---	---
	26-33	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	33-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Ceniza	0-6	11-17	---	7.4 - 7.8	---	---	---	---
	6-30	8.5-12	---	7.9 - 8.4	---	---	---	---
	30-42	0.0-3.8	---	7.9 - 8.4	---	---	---	---
	42-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Abrazo	0-2	8.9-17	---	6.6 - 7.3	---	---	---	---
	2-20	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	20-27	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	27-31	---	---	---	---	---	---	---
Apache	0-3	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	3-10	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	10-14	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5331:								
Flaco	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-11	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	11-29	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	29-33	---	---	---	---	---	---	---
Gatlin	0-4	13-22	---	7.4 - 8.4	---	---	---	---
	4-10	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	10-60	---	---	7.4 - 9.0	---	---	0.0-2.0	---
s5396:								
Datil	0-7	13-21	---	7.4 - 7.8	---	---	---	---
	7-22	---	---	7.4 - 7.8	---	---	---	---
	22-40	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	40-60	---	---	7.4 - 7.8	---	---	0.0-2.0	---
Loarc	0-14	8.9-13	---	6.6 - 7.3	---	---	---	---
	14-23	---	---	6.6 - 8.4	---	---	---	---
	23-36	---	---	6.1 - 9.0	---	---	0.0-2.0	---
	36-60	---	---	6.1 - 9.0	---	---	0.0-2.0	---
Guy	0-3	5.0-10	---	7.4 - 8.4	1-5	0	0.0-1.0	0-2
	3-10	5.0-10	---	7.4 - 8.4	1-5	0	0.0-2.0	0-2
	10-60	3.0-10	---	7.4 - 8.4	10-30	0	0.0-2.0	0-5
Dioxice	0-3	15-19	---	7.4 - 7.8	---	---	---	---
	3-24	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	24-60	---	---	7.4 - 7.8	---	---	0.0-2.0	---
Millpaw	0-4	16-21	---	7.4 - 7.8	---	---	---	---
	4-35	---	---	7.4 - 7.8	---	---	---	---
	35-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Gustspring	0-2	13-17	---	6.6 - 7.3	---	---	---	---
	2-11	---	---	6.6 - 8.4	---	---	---	---
	11-22	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	22-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Hiarc	0-2	13-17	---	6.6 - 7.3	---	---	---	---
	2-7	---	---	6.6 - 7.3	---	---	---	---
	7-19	---	---	6.6 - 7.3	---	---	---	---
	19-27	---	---	6.6 - 7.3	---	---	---	---
	27-31	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5396:								
Amenson	0-3	17-23	---	7.4 - 7.8	---	---	---	---
	3-11	---	---	7.4 - 7.8	---	---	---	---
	11-15	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
Joachim	0-3	7.5-14	---	7.4 - 7.8	---	---	---	---
	3-8	---	---	7.4 - 8.4	---	---	---	---
	8-11	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	11-15	---	---	---	---	---	---	---
Landavaso	0-10	13-17	---	6.6 - 7.3	---	---	---	---
	10-27	---	---	6.6 - 7.3	---	---	---	---
	27-60	---	---	6.6 - 7.3	---	---	---	---
Pena	0-8	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	8-30	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	30-60	---	---	7.9 - 8.4	---	---	2.0-4.0	---
	60-70	---	---	7.9 - 8.4	---	---	2.0-4.0	---
Ralphston	0-2	11-15	---	7.9 - 8.4	---	---	---	---
	2-13	---	---	7.9 - 8.4	---	---	---	---
	13-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
s5399:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Motoqua	0-2	8.9-17	---	6.6 - 7.3	---	---	---	---
	2-16	---	---	6.6 - 7.3	---	---	---	---
	16-20	---	---	---	---	---	---	---
Mion	0-2	25-29	---	6.6 - 8.4	---	---	---	---
	2-16	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---
Abrazo	0-8	13-21	---	6.6 - 7.3	---	---	---	---
	8-26	---	---	6.6 - 8.4	---	---	0.0-2.0	---
	26-30	---	---	---	---	---	---	---
Gustspring	0-2	8.9-13	---	6.6 - 7.3	---	---	---	---
	2-11	---	---	6.6 - 8.4	---	---	---	---
	11-22	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	22-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5399:								
Travessilla	0-3	8.9-16	---	6.6 - 8.4	---	---	---	---
	3-13	---	---	6.6 - 8.4	---	---	0.0-2.0	---
	13-17	---	---	---	---	---	---	---
Goldust	0-7	8.9-17	---	6.6 - 7.8	---	---	---	---
	7-27	---	---	6.6 - 7.8	---	---	---	---
	27-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Parquat	0-2	11-17	---	7.4 - 7.8	---	---	---	---
	2-12	---	---	7.4 - 7.8	---	---	---	---
	12-19	---	---	7.4 - 7.8	---	---	---	---
	19-33	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	33-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
s5400:								
Puertecito	0-2	5.0-15	---	6.6 - 7.3	8-15	0	0.0-2.0	0-4
	2-14	10-25	---	6.6 - 7.3	8-15	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Travessilla	0-3	8.9-16	---	6.6 - 8.4	---	---	---	---
	3-13	---	---	6.6 - 8.4	---	---	0.0-2.0	---
	13-17	---	---	---	---	---	---	---
Mion	0-2	13-17	---	6.6 - 8.4	---	---	---	---
	2-16	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---
La Fonda	0-3	8.7-13	---	7.4 - 8.4	---	---	---	---
	3-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
San Mateo	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-29	---	---	7.4 - 8.4	---	---	2.0-4.0	---
	29-60	---	---	7.4 - 9.0	---	---	2.0-4.0	---
s5401:								
Datil	0-7	8.1-21	---	7.4 - 7.8	---	---	---	---
	7-22	---	---	7.4 - 7.8	---	---	---	---
	22-40	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	40-60	---	---	7.4 - 7.8	---	---	0.0-2.0	---
Lapdun	0-9	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	9-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5401:								
Cascajo	0-10	4.6-12	---	7.4 - 8.4	---	---	---	---
	10-21	---	---	7.4 - 8.4	---	---	---	---
	21-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Celsosprings	0-3	17-23	---	6.1 - 6.5	---	---	---	---
	3-13	---	---	6.6 - 7.3	---	---	---	---
	13-26	---	---	6.6 - 7.3	---	---	---	---
	26-33	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	33-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Majada	0-7	8.9-17	---	6.6 - 7.8	---	---	---	---
	7-19	---	---	7.4 - 7.8	---	---	---	---
	19-40	---	---	7.9 - 9.0	---	---	---	---
	40-60	---	---	7.4 - 9.0	---	---	0.0-2.0	---
Millett	0-2	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	2-8	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	8-18	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	18-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Sedillo	0-3	8.6-17	---	7.4 - 8.4	---	---	---	---
	3-23	---	---	7.4 - 8.4	---	---	---	---
	23-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Alegros	0-2	16-31	---	6.6 - 7.3	---	---	---	---
	2-21	---	---	6.6 - 7.8	---	---	---	---
	21-52	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	52-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
Hickman	0-3	13-23	---	7.4 - 8.4	0-2	---	---	1-5
	3-60	13-27	---	7.4 - 9.0	1-10	---	0.0-2.0	1-12
Ladron	0-2	9.2-13	---	7.4 - 7.8	---	---	---	---
	2-31	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	31-47	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	47-60	---	---	8.5 - 9.0	---	---	0.0-2.0	---
Goldust	0-4	---	---	6.6 - 7.3	---	---	0.0-2.0	---
	4-22	---	---	6.6 - 7.8	---	---	0.0-2.0	---
	22-35	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	35-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Loarc	0-14	8.9-13	---	6.6 - 7.3	---	---	---	---
	14-23	---	---	6.6 - 8.4	---	---	---	---
	23-36	---	---	6.1 - 9.0	---	---	0.0-2.0	---
	36-60	---	---	6.1 - 9.0	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5401:								
Magdalena	0-2	8.6-13	---	6.1 - 7.3	---	---	---	---
	2-62	---	---	6.1 - 7.8	---	---	---	---
	62-74	---	---	7.4 - 8.4	---	---	2.0-4.0	---
s5404:								
Dulce	0-13	4.6-15	---	7.4 - 8.4	---	---	---	---
	13-17	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Travessilla	0-4	4.8-13	---	6.6 - 8.4	---	---	---	---
	4-8	---	---	6.6 - 8.4	---	---	0.0-2.0	---
	8-12	---	---	---	---	---	---	---
Weska	0-1	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	1-7	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	7-11	---	---	---	---	---	---	---
Mikim	0-9	8.9-21	---	6.6 - 8.4	---	---	---	---
	9-60	---	---	7.4 - 9.0	---	---	0.0-2.0	---
Buckle	0-5	10-20	---	7.4 - 8.4	0-5	0	0.0-2.0	0-5
	5-44	10-20	---	7.9 - 9.0	5-14	0	0.0-2.0	5-10
	44-66	10-20	---	7.9 - 9.0	0-10	0	0.0-2.0	5-10
Florita	0-4	13-17	---	7.4 - 7.8	---	---	---	---
	4-43	---	---	7.4 - 7.8	---	---	---	---
	43-60	---	---	7.4 - 7.8	---	---	---	---
Yenlo	0-3	8.9-16	---	6.6 - 7.8	---	---	---	---
	3-13	---	---	7.4 - 7.8	---	---	---	---
	13-60	---	---	7.4 - 8.4	---	---	0.0-2.0	---
s5576:								
St. Thomas	0-2	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	2-12	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	12-16	---	---	---	---	---	---	---
St. Thomas	0-2	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	2-12	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	12-16	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s5576:								
Kyler	0-3	---	---	7.9 - 9.0	30-40	---	0.0-2.0	---
	3-7	---	---	7.9 - 9.0	30-40	---	0.0-2.0	---
	7-11	---	---	---	---	---	---	---
Pookaloo	0-4	10-20	---	7.9 - 8.4	20-30	0	0.0	---
	4-19	10-20	---	7.9 - 8.4	30-50	0	0.0	---
	19-23	---	---	---	---	---	---	---
St. Thomas	0-2	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	2-12	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	12-16	---	---	---	---	---	---	---
Tonopah	0-6	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	6-60	---	---	8.5 - 9.0	---	---	0.0-4.0	---
Weiser	0-6	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	6-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
s7769:								
Rizno	0-2	5.0-10	---	7.4 - 8.4	5-15	---	0.0-2.0	---
	2-5	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	5-7	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	7-14	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Witt	0-7	7.1-17	---	6.6 - 8.4	---	---	---	---
	7-48	13-27	---	6.6 - 8.4	0-10	---	---	---
	48-60	10-20	---	7.9 - 9.0	5-30	---	0.0-2.0	---
Ruinpoint	0-2	13-17	---	7.4 - 8.4	---	---	---	---
	2-13	---	---	7.4 - 8.4	---	---	---	---
	13-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Cahona	0-11	8.6-17	---	6.6 - 8.4	0-5	---	---	---
	11-24	5.0-25	---	6.6 - 8.4	1-15	---	0.0-2.0	---
	24-60	5.0-20	---	7.9 - 9.0	1-15	---	0.0-2.0	---
Sharps	0-9	8.6-17	---	6.6 - 7.8	0-3	---	---	---
	9-19	16-28	---	6.6 - 8.4	5-10	---	---	---
	19-30	10-20	---	7.9 - 9.0	10-20	---	0.0-2.0	---
	30-34	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s7770:								
Mota	0-6	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	6-23	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	23-60	---	---	9.0 - 9.6	---	---	0.0-2.0	---
Neskahi	0-6	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	6-60	---	---	8.5 - 9.0	---	---	0.0-2.0	---
Oljeto	0-20	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	20-60	---	---	7.9 - 8.4	---	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Sheppard	0-12	1.4-4.0	---	7.4 - 8.4	0-5	---	---	---
	12-60	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
s7771:								
Moenkopie	0-2	---	---	7.9 - 8.4	---	---	0.0-4.0	---
	2-9	---	---	7.4 - 8.4	---	---	0.0-4.0	---
	9-13	---	---	---	---	---	---	---
Hoskinnini	0-1	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	1-8	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	8-12	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	12-16	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Piute	0-9	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	9-13	---	---	---	---	---	---	---
Deleco	0-3	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	3-7	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	7-10	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	10-14	---	---	---	---	---	---	---
	14-45	---	---	9.0 - 9.6	---	---	0.0-2.0	---
s7772:								
Whit	0-4	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	4-30	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	30-66	---	---	7.8 - 9.6	---	---	0.0-2.0	---
Sogzie	0-5	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	5-21	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	21-80	---	---	7.9 - 8.4	---	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s7772:								
Sheppard	0-12	1.4-4.0	---	7.4 - 8.4	0-5	---	---	---
	12-60	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
Rock outcrop	0-60	---	---	---	---	---	---	---
s7773:								
Piute	0-9	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	9-13	---	---	---	---	---	---	---
Pickrell	0-5	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	5-18	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	18-22	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Badland	0-60	---	---	---	---	---	---	---
Sheppard	0-12	1.4-4.0	---	7.4 - 8.4	0-5	---	---	---
	12-60	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
s7774:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Lithic Torriorthents	0-3	---	---	7.4 - 9.0	---	---	0.0-2.0	---
	3-8	---	---	---	---	---	---	---
	8-12	---	---	---	---	---	---	---
Badland	0-60	---	---	---	---	---	---	---
s7938:								
Ruinpoint	0-2	13-17	---	7.4 - 8.4	---	---	---	---
	2-13	---	---	7.4 - 8.4	---	---	---	---
	13-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Rizno	0-2	5.0-10	---	7.4 - 8.4	5-15	---	0.0-2.0	---
	2-5	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	5-7	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	7-14	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Cahona	0-11	13-21	---	6.6 - 8.4	0-5	---	---	---
	11-24	5.0-25	---	6.6 - 8.4	1-15	---	0.0-2.0	---
	24-60	5.0-20	---	7.9 - 9.0	1-15	---	0.0-2.0	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s7939:								
Rizno	0-2	5.0-10	---	7.4 - 8.4	5-15	---	0.0-2.0	---
	2-5	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	5-7	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	7-14	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	14-18	---	---	---	---	---	---	---
Littlenan	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-29	---	---	7.9 - 9.0	---	---	2.0-4.0	---
	29-33	---	---	---	---	---	---	---
Bodot	0-6	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	6-15	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-36	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	36-40	---	---	---	---	---	---	---
Mellenthin	0-4	5.0-10	---	7.9 - 8.4	---	---	0.0-2.0	---
	4-15	10-20	---	7.9 - 8.4	---	---	0.0-2.0	---
	15-18	5.0-10	---	7.9 - 8.4	---	---	0.0-2.0	---
	18-22	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
s7944:								
Moenkopie	0-3	2.0-12	---	7.4 - 9.0	1-10	---	0.0-2.0	---
	3-8	3.0-14	---	7.4 - 9.0	1-10	0-1	0.0-2.0	0-2
	8-12	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Myton family	0-6	7.4-11	---	7.9 - 8.4	5-15	---	---	---
	6-60	4.0-12	---	7.9 - 9.0	15-30	0-1	0.0-2.0	---
s7945:								
Nakai	0-2	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	2-28	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	28-52	---	---	7.8 - 9.6	---	---	0.0-2.0	---
	52-56	---	---	---	---	---	---	---
Limeridge	0-1	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	1-8	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	8-16	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	16-20	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s7945:								
Bluechief	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-25	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	25-38	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	38-42	---	---	---	---	---	---	---
s7947:								
Rock outcrop	0-60	---	---	---	---	---	---	---
Piute	0-9	---	---	7.4 - 8.4	---	---	0.0-2.0	---
	9-13	---	---	---	---	---	---	---
Sheppard	0-12	1.4-4.0	---	7.4 - 8.4	0-5	---	---	---
	12-60	0.0-10	---	7.4 - 9.0	0-10	---	0.0-2.0	---
s8104:								
Tosser	0-4	---	---	7.4 - 8.4	3-15	---	0.0-2.0	---
	4-10	---	---	7.9 - 9.0	3-15	---	0.0-2.0	---
	10-23	---	---	8.4 - 9.6	15-35	---	0.0-4.0	5-10
	23-37	---	---	8.4 - 9.6	1-3	---	0.0-4.0	5-10
	37-60	---	---	8.4 - 9.6	3-15	---	0.0-4.0	5-10
Hiko Peak	0-4	5.0-15	---	7.9 - 9.0	15-25	---	0.0-4.0	---
	4-13	5.0-10	---	7.9 - 9.0	25-35	---	0.0-4.0	---
	13-60	5.0-10	---	7.9 - 9.0	25-35	---	0.0-4.0	---
Sitar	0-8	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	8-29	---	---	8.4 - 9.6	---	---	0.0-2.0	---
	29-60	---	---	8.4 - 9.6	---	---	0.0-2.0	---
s8189:								
Badland	0-60	---	---	---	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
Clapper	0-3	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	3-10	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	10-60	---	---	7.9 - 9.0	---	---	0.0-2.0	---
Bluechief	0-3	---	---	7.9 - 8.4	---	---	0.0-2.0	---
	3-25	---	---	7.9 - 9.0	---	---	0.0-2.0	---
	25-38	---	---	8.5 - 9.0	---	---	0.0-2.0	---
	38-42	---	---	---	---	---	---	---

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s8189:								
Myton family	0-3	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	3-9	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	9-14	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	14-26	---	---	7.4 - 7.8	---	---	0.0-2.0	---
	26-60	---	---	7.4 - 7.8	---	---	0.0-2.0	---
Rairdent family	0-8	---	---	7.9 - 8.4	---	---	0.0-4.0	---
	8-30	---	---	7.9 - 8.4	---	---	0.0-4.0	---
	30-60	---	---	7.9 - 8.4	---	---	0.0-4.0	---
Rizno	0-2	5.0-10	---	7.4 - 8.4	5-15	---	0.0-2.0	---
	2-8	5.0-10	---	7.9 - 9.0	5-15	---	0.0-2.0	---
	8-10	5.0-10	---	7.4 - 9.0	5-15	---	0.0-2.0	---
	10-14	---	---	---	---	---	---	---
Wayneco	0-3	5.6-9.1	---	7.9 - 8.4	1-5	---	---	0
	3-9	4.1-8.6	---	7.9 - 8.4	1-5	---	---	0
	9-19	4.0-12	---	7.9 - 9.0	15-30	---	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
s8369:								
Water	---	---	---	---	---	---	---	---
s9583:								
Badland	0-1	---	---	---	1-15	0-90	2.0-16.0	1-30
	1-60	---	---	---	1-15	0-90	2.0-16.0	1-30
Torriorthents	0-10	---	---	---	---	---	4.0-16.0	0-13
	10-60	---	---	---	---	---	---	---
Burnswick	0-3	10-20	---	7.9 - 9.0	1-5	0	0.0-4.0	6-20
	3-16	10-20	---	7.9 - 9.0	1-15	0	0.0-8.0	6-20
	16-41	10-20	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
	41-53	2.0-10	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
	53-60	10-20	---	8.5 - 9.0	1-15	0	0.0-8.0	13-30
Claysprings	0-3	20-30	---	7.4 - 9.0	1-10	0	0.0-16.0	0-13
	3-18	15-35	---	7.4 - 9.0	1-10	0	0.0-16.0	0-13
	18-28	---	---	---	---	---	---	---
Marcou	0-6	1.0-5.0	---	7.9 - 8.4	1-10	0	0.0-8.0	2-13
	6-47	5.0-10	---	8.5 - 9.0	1-10	0	2.0-8.0	13-30
	47-54	10-25	---	8.5 - 9.0	1-10	0	2.0-8.0	13-30
	54-60	1.0-5.0	---	8.5 - 9.0	5-20	0	2.0-8.0	13-30

Chemical Soil Properties

United States

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
s9583: Rock outcrop	0-60	---	---	---	---	---	---	---
s9584: Strych	0-2	5.0-15	---	7.4 - 8.4	1-14	0	0.0-2.0	0
	2-9	5.0-15	---	7.9 - 8.4	5-14	0	0.0-2.0	0
	9-23	5.0-10	---	7.9 - 8.4	14-30	0	0.0-2.0	0
	23-60	5.0-10	---	7.9 - 9.0	15-30	0	0.0-2.0	0
Rock outcrop	0-60	---	---	---	---	---	---	---
Monue	0-1	5.0-10	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	1-46	5.0-10	---	7.4 - 8.4	1-5	0	0.0-2.0	0
	46-84	0.0-5.0	---	7.4 - 8.4	1-5	0	0.0-2.0	0-10
Begay	0-4	4.0-15	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	4-57	2.0-10	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	57-84	2.0-10	---	7.4 - 8.4	1-5	0	0.0-2.0	0
Kinan	0-1	2.0-5.0	---	7.4 - 8.4	5-10	0	0.0-2.0	0
	1-12	5.0-10	---	7.4 - 8.4	5-15	0	0.0-2.0	0
	12-30	5.0-10	---	7.9 - 8.4	15-35	0	0.0-2.0	0
	30-84	2.0-5.0	---	7.9 - 8.4	10-35	0	0.0-2.0	0
Penistaja	0-2	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	2-18	10-25	---	6.6 - 8.4	0-5	0	0.0-2.0	0
	18-58	5.0-15	---	6.6 - 8.4	3-10	0	0.0-2.0	0
	58-84	1.0-5.0	---	6.6 - 8.4	3-10	0	0.0-2.0	0-5
Mido	0-3	1.0-5.0	---	7.4 - 9.0	0-2	0	0.0-2.0	0
	3-84	1.0-5.0	---	7.9 - 9.0	1-5	0	0.0-2.0	0

Physical Soil Properties

United States

[Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated]

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s318:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Torriorthents	0-60	---	---	---	---	---	---	---	---	---	---	---	---	---
s319:														
Deama	0-4	---	---	18-25	1.30-1.40	4.23-14.11	0.12-0.14	0.0-2.9	1.0-2.0	.20	.37	1	8	0
	4-12	---	---	18-25	1.40-1.50	4.23-14.11	0.05-0.08	0.0-2.9	---	.10	.49			
	12-16	---	---	---	---	---	---	---	---	---	---			
Toqui	0-3	---	---	8-20	1.35-1.50	14.11-42.34	0.13-0.15	0.0-2.9	1.0-2.0	.24	.24	1	3	---
	3-15	---	---	35-50	1.15-1.40	0.42-1.41	0.16-0.21	6.0-8.9	0.5-1.0	.15	.17			
	15-19	---	---	25-35	1.15-1.40	4.23-14.11	0.10-0.15	3.0-5.9	0.5-1.0	.05	.10			
	19-23	---	---	---	---	---	---	---	---	---	---			
Tovar	0-3	---	---	15-25	---	4.23-14.11	0.08-0.11	0.0-2.9	0.5-1.0	.05	.20	2	8	0
	3-8	---	---	28-40	---	1.41-4.23	0.11-0.15	3.0-5.9	---	.15	.28			
	8-35	---	---	35-55	---	0.42-1.41	0.11-0.15	6.0-8.9	---	.10	.20			
	35-39	---	---	---	---	---	---	---	---	---	---			
s337:														
Tours	0-6	---	---	30-40	1.20-1.30	1.40-4.00	0.05-0.07	3.0-5.9	0.2-0.5	.43	.43	5	4L	86
	6-47	---	---	25-40	1.20-1.30	1.40-4.00	0.05-0.07	3.0-5.9	0.0-0.5	.37	.37			
	47-60	---	---	5-20	1.20-1.55	4.00-14.00	0.03-0.04	0.0-2.9	0.0-0.5	.32	.32			
Burnswick	0-3	---	---	20-35	1.25-1.35	1.40-4.00	0.03-0.08	3.0-5.9	0.5-1.0	.24	.28	5	4L	86
	3-16	---	---	20-35	1.35-1.50	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			
	16-41	---	---	20-35	1.35-1.50	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			
	41-53	---	---	5-20	1.10-1.30	14.00-42.00	0.02-0.07	0.0-2.9	0.0-0.5	.20	.20			
	53-60	---	---	20-35	1.25-1.35	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s337:														
Jocity	0-9	---	---	20-35	1.20-1.30	1.40-4.00	0.01-0.12	3.0-5.9	0.0-0.5	.28	.28	5	5	56
	9-41	---	---	20-35	1.20-1.30	1.40-4.00	0.01-0.12	3.0-5.9	0.0-0.5	.28	.28			
	41-60	---	---	5-20	1.40-1.55	14.00-42.00	0.01-0.11	0.0-2.9	0.0-0.5	.24	.24			
Ives	0-13	---	---	10-18	1.45-1.60	4.00-14.00	0.03-0.05	0.0-2.9	0.5-1.0	.55	.55	5	3	86
	13-55	---	---	5-18	1.40-1.55	4.00-14.00	0.01-0.03	0.0-2.9	0.0-0.5	.24	.24			
	55-62	---	---	2-10	1.50-1.60	14.00-42.00	0.01-0.02	0.0-2.9	0.0-0.5	.17	.17			
Riverwash	0-59	---	---	---	---	---	---	---	---	---	---	---	---	---
Trail	0-3	---	---	4-8	1.50-1.60	42.00-141.00	0.06-0.08	0.0-2.9	0.2-0.6	.15	.15	5	2	134
	3-60	---	---	4-8	1.40-1.50	14.00-42.00	0.06-0.09	0.0-2.9	0.2-0.6	.20	.20			
Typic Torrifluvents	0-60	---	---	---	---	---	---	---	---	---	---	3	---	---
Navajo	0-5	---	---	45-50	1.15-1.30	0.00-0.42	0.03-0.05	6.0-8.9	0.0-0.5	.28	.28	5	4	86
	5-60	---	---	40-60	1.15-1.30	0.00-0.42	0.03-0.05	6.0-8.9	0.0-0.5	.28	.28			
Rock outcrop	---	---	---	---	---	---	---	---	---	---	---	---	8	0
s338:														
Burnswick	0-3	---	---	20-35	1.25-1.35	1.40-4.00	0.03-0.08	3.0-5.9	0.5-1.0	.24	.28	5	4L	86
	3-16	---	---	20-35	1.35-1.50	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			
	16-41	---	---	20-35	1.35-1.50	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			
	41-53	---	---	5-20	1.10-1.30	14.00-42.00	0.02-0.07	0.0-2.9	0.0-0.5	.20	.20			
	53-60	---	---	20-35	1.25-1.35	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			
Marcou	0-6	---	---	3-5	1.45-1.60	14.00-42.00	0.05-0.08	0.0-2.9	0.5-1.0	.15	.15	5	2	134
	6-47	---	---	10-15	1.35-1.50	4.00-14.00	0.09-0.11	0.0-2.9	0.0-0.5	.20	.20			
	47-54	---	---	20-35	1.20-1.30	4.00-14.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.28			
	54-60	---	---	1-10	1.50-1.60	42.00-141.00	0.02-0.04	0.0-2.9	0.0-0.5	.15	.15			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s338:														
Jocity	0-9	---	---	20-35	1.20-1.30	1.40-4.00	0.01-0.12	3.0-5.9	0.0-0.5	.28	.28	5	5	56
	9-41	---	---	20-35	1.20-1.30	1.40-4.00	0.01-0.12	3.0-5.9	0.0-0.5	.28	.28			
	41-60	---	---	5-20	1.40-1.55	14.00-42.00	0.01-0.11	0.0-2.9	0.0-0.5	.24	.24			
Claysprings	0-3	---	---	40-50	1.15-1.30	0.00-0.42	0.14-0.16	6.0-8.9	0.5-1.0	.28	.28	2	4	86
	3-18	---	---	40-55	1.15-1.30	0.00-0.42	0.14-0.16	6.0-8.9	0.0-0.5	.28	.28			
	18-28	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	---	---	---	---	---	---	---	---	---	---	---	---	8	0
s339:														
Jocity	0-3	---	---	7-18	1.25-1.55	4.00-14.00	0.14-0.16	0.0-2.9	0.0-0.5	.28	.28	5	3	86
	3-84	---	---	20-35	1.55-1.75	0.42-1.40	0.14-0.18	3.0-5.9	0.0-0.5	.32	.32			
Polacca	0-3	---	---	28-35	1.25-1.55	1.40-4.00	0.16-0.19	3.0-5.9	1.0-2.0	.28	.32	5	4L	86
	3-33	---	---	22-30	1.35-1.55	0.42-1.40	0.15-0.18	3.0-5.9	0.5-1.0	.24	.24			
	33-84	---	---	3-8	1.45-1.65	42.00-141.00	0.05-0.08	0.0-2.9	0.0-0.5	.10	.15			
Wepo	0-3	---	---	35-40	1.20-1.30	0.42-1.40	0.18-0.20	6.0-8.9	0.5-1.0	.32	.32	5	4	86
	3-32	---	---	35-45	1.45-1.55	0.42-1.40	0.14-0.17	6.0-8.9	0.0-0.5	.32	.32			
	32-84	---	---	35-45	1.25-1.35	0.42-1.40	0.14-0.17	6.0-8.9	0.0-0.5	.28	.28			
Jeddito	0-2	---	---	5-10	1.45-1.65	42.00-141.00	0.08-0.11	0.0-2.9	0.0-0.5	.15	.15	5	2	134
	2-9	---	---	10-15	1.10-1.20	14.00-42.00	0.11-0.13	0.0-2.9	0.0-0.5	.24	.24			
	9-27	---	---	10-15	1.35-1.45	14.00-42.00	0.12-0.14	0.0-2.9	0.0-0.5	.20	.20			
	27-84	---	---	10-15	1.10-1.20	14.00-42.00	0.11-0.13	0.0-2.9	0.0-0.5	.24	.24			
Tewa	0-1	---	---	15-20	1.15-1.25	4.00-14.00	0.14-0.16	0.0-2.9	0.0-1.0	.37	.37	5	3	86
	1-25	---	---	25-35	1.35-1.45	1.40-4.00	0.15-0.19	0.0-2.9	0.0-0.5	.32	.32			
	25-31	---	---	10-20	1.25-1.35	4.00-14.00	0.13-0.15	0.0-2.9	0.0-0.5	.32	.32			
	31-84	---	---	25-35	1.20-1.30	1.40-4.00	0.15-0.19	0.0-2.9	0.0-0.5	.32	.32			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s339:														
Sheppard	0-2	---	---	5-8	1.20-1.30	42.00-141.00	0.06-0.08	0.0-2.9	0.5-1.0	.15	.15	5	2	134
	2-84	---	---	1-10	1.20-1.40	42.00-141.00	0.05-0.08	0.0-2.9	0.0-0.5	.15	.15			
Monue	0-5	---	---	10-15	1.25-1.55	14.00-42.00	0.14-0.16	0.0-2.9	0.0-0.5	.28	.28	5	3	86
	5-84	---	---	10-20	1.25-1.35	14.00-42.00	0.12-0.16	0.0-2.9	0.0-0.5	.28	.32			
Rock outcrop	0-60	---	---	---	1.50-1.80	0.00-1.40	---	---	0.0	---	---	---	8	0
s340:														
Sheppard	0-2	---	---	5-8	1.20-1.30	42.00-141.00	0.06-0.08	0.0-2.9	0.5-1.0	.15	.15	5	2	134
	2-84	---	---	1-10	1.20-1.40	42.00-141.00	0.05-0.08	0.0-2.9	0.0-0.5	.15	.15			
Sheppard	0-1	---	---	3-5	1.20-1.35	42.00-141.00	0.05-0.07	0.0-2.9	0.0-0.5	.10	.10	5	2	134
	1-84	---	---	3-8	1.20-1.35	42.00-141.00	0.05-0.08	0.0-2.9	0.0-0.5	.15	.15			
Jocity	0-3	---	---	7-18	1.25-1.55	4.00-14.00	0.14-0.16	0.0-2.9	0.0-0.5	.28	.28	5	3	86
	3-84	---	---	20-35	1.55-1.75	0.42-1.40	0.14-0.18	3.0-5.9	0.0-0.5	.32	.32			
Joraibi	0-2	---	---	30-40	1.25-1.55	0.42-1.40	0.12-0.16	3.0-5.9	0.0-0.5	.28	.28	5	4L	86
	2-23	---	---	27-40	1.25-1.35	1.40-4.00	0.10-0.14	0.0-2.9	0.0-0.5	.37	.37			
	23-54	---	---	5-8	1.55-1.65	42.00-141.00	0.04-0.07	0.0-2.9	0.0-0.5	.15	.20			
	54-84	---	---	20-35	1.25-1.55	0.42-1.40	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
Jocity	0-1	---	---	27-35	1.25-1.55	0.42-1.40	0.03-0.10	3.0-5.9	0.0-0.5	.24	.32	5	4L	86
	1-24	---	---	20-35	1.55-1.75	1.40-4.00	0.04-0.12	3.0-5.9	0.0-0.5	.24	.24			
	24-84	---	---	20-35	1.25-1.55	0.42-1.40	0.04-0.10	3.0-5.9	0.0-0.5	.37	.37			
Torriorthents	0-20	---	---	---	---	0.42-141.00	---	---	0.0-0.5	---	---	3	---	---
	20-60	---	---	---	---	0.00-1.40	---	---	0.0	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s341:														
Jeddito	0-2	---	---	5-10	1.45-1.65	42.00-141.00	0.08-0.11	0.0-2.9	0.0-0.5	.15	.15	5	2	134
	2-9	---	---	10-15	1.10-1.20	14.00-42.00	0.11-0.13	0.0-2.9	0.0-0.5	.24	.24			
	9-27	---	---	10-15	1.35-1.45	14.00-42.00	0.12-0.14	0.0-2.9	0.0-0.5	.20	.20			
	27-84	---	---	10-15	1.10-1.20	14.00-42.00	0.11-0.13	0.0-2.9	0.0-0.5	.24	.24			
Tewa	0-1	---	---	15-20	1.15-1.25	4.00-14.00	0.14-0.16	0.0-2.9	0.0-1.0	.37	.37	5	3	86
	1-25	---	---	25-35	1.35-1.45	1.40-4.00	0.15-0.19	0.0-2.9	0.0-0.5	.32	.32			
	25-31	---	---	10-20	1.25-1.35	4.00-14.00	0.13-0.15	0.0-2.9	0.0-0.5	.32	.32			
	31-84	---	---	25-35	1.20-1.30	1.40-4.00	0.15-0.19	0.0-2.9	0.0-0.5	.32	.32			
Sheppard	0-2	---	---	5-8	1.20-1.30	42.00-141.00	0.06-0.08	0.0-2.9	0.5-1.0	.15	.15	5	2	134
	2-84	---	---	1-10	1.20-1.40	42.00-141.00	0.05-0.08	0.0-2.9	0.0-0.5	.15	.15			
Torriorthents	0-20	---	---	---	---	0.42-141.00	---	---	0.0-0.5	---	---	3	---	---
	20-60	---	---	---	---	0.00-1.40	---	---	0.0	---	---			
Mido	0-3	---	---	1-5	1.55-1.65	42.00-141.00	0.05-0.07	0.0-2.9	0.5-1.0	.17	.17	5	1	220
	3-84	---	---	3-8	1.55-1.65	42.00-141.00	0.05-0.09	0.0-2.9	0.0-0.5	.32	.32			
Monue	0-5	---	---	10-15	1.25-1.55	14.00-42.00	0.14-0.16	0.0-2.9	0.0-0.5	.28	.28	5	3	86
	5-84	---	---	10-20	1.25-1.35	14.00-42.00	0.12-0.16	0.0-2.9	0.0-0.5	.28	.32			
Rock outcrop	0-60	---	---	---	1.50-1.80	0.00-1.40	---	---	0.0	---	---	---	8	0
s342:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Moenkopie	0-3	---	---	12-18	1.35-1.45	4.23-14.11	0.10-0.14	0.0-2.9	0.5-1.0	.20	.20	1	3	---
	3-8	---	---	7-20	1.35-1.45	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.32			
	8-12	---	---	---	---	0.00-1.41	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s342:														
Bluechief	0-3	---	---	5-10	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.37	.37	2	3	---
	3-25	---	---	10-15	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	---	.43	.43			
	25-38	---	---	12-18	1.40-1.50	14.11-42.34	0.11-0.14	0.0-2.9	---	.43	.17			
	38-42	---	---	---	---	---	---	---	---	---	---			
Casmos family	0-2	---	---	15-20	1.25-1.40	14.11-42.34	0.09-0.11	0.0-2.9	0.5-1.0	.24	.24	1	3	---
	2-8	---	---	18-27	1.20-1.35	4.23-14.11	0.14-0.16	0.0-2.9	0.0-0.5	.32	.32			
	8-11	---	---	18-27	1.25-1.40	4.23-14.11	0.11-0.14	0.0-2.9	0.0-0.5	.24	.32			
	11-15	---	---	---	---	---	---	---	---	---	---			
Monue family	0-3	---	---	2-5	1.40-1.50	14.11-42.34	0.07-0.08	0.0-2.9	0.5-1.0	.24	.24	2	2	---
	3-31	---	---	10-17	1.40-1.50	14.11-42.34	0.10-0.12	0.0-2.9	0.5-1.0	.37	.37			
	31-35	---	---	---	---	---	---	---	---	---	---			
Nakai	0-3	---	---	5-10	1.30-1.45	14.11-42.34	0.08-0.11	0.0-2.9	0.5-1.0	.28	.28	3	2	---
	3-51	---	---	10-18	1.30-1.50	14.11-42.34	0.10-0.16	0.0-2.9	---	.28	.28			
	51-55	---	---	---	---	---	---	---	---	---	---			
Sheppard	0-12	---	---	2-5	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.24	.24	5	2	---
	12-60	---	---	3-8	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20			
s343:														
Monue	0-3	---	---	3-5	1.45-1.55	14.11-42.34	0.07-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	---
	3-60	---	---	8-17	1.35-1.45	14.11-42.34	0.10-0.15	0.0-2.9	0.0-0.5	.28	.28			
Nakai	0-18	---	---	3-10	1.45-1.55	42.34-141.14	0.07-0.09	0.0-2.9	0.5-1.0	.28	.28	5	2	---
	18-34	---	---	8-18	1.50-1.60	14.11-42.34	0.10-0.18	0.0-2.9	0.5-1.0	.43	.43			
	34-60	---	---	5-10	1.55-1.65	42.34-141.14	0.08-0.11	0.0-2.9	0.5-1.0	.28	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s343:														
Blackston	0-3	---	---	10-18	1.50-1.60	14.11-42.34	0.07-0.09	0.0-2.9	0.4-0.6	.15	.24	5	5	---
	3-9	---	---	10-18	1.50-1.60	14.11-42.34	0.11-0.13	0.0-2.9	0.3-0.5	.24	.24			
	9-15	---	---	20-35	1.50-1.60	4.23-14.11	0.10-0.12	3.0-5.9	0.3-0.5	.15	.32			
	15-35	---	---	10-18	1.45-1.55	42.34-141.14	0.03-0.06	0.0-2.9	0.2-0.4	.05	.20			
	35-70	---	---	0-8	1.45-1.55	141.14	0.01-0.03	0.0-2.9	0.2-0.4	.02	.15			
s344:														
Purgatory	0-1	---	---	10-15	1.40-1.55	4.00-14.00	0.10-0.15	0.0-2.9	0.5-1.0	.49	.49	3	3	86
	1-20	---	---	10-25	1.35-1.45	4.00-14.00	0.12-0.16	0.0-2.9	0.0-0.5	.37	.43			
	20-27	---	---	30-35	1.20-1.30	4.00-14.00	0.19-0.21	3.0-5.9	0.0-0.5	.37	.37			
	27-60	---	---	---	---	---	---	---	---	---	---			
Claysprings	0-3	---	---	40-50	1.15-1.30	0.00-0.42	0.14-0.16	6.0-8.9	0.5-1.0	.28	.28	2	4	86
	3-18	---	---	40-55	1.15-1.30	0.00-0.42	0.14-0.16	6.0-8.9	0.0-0.5	.28	.28			
	18-28	---	---	---	---	---	---	---	---	---	---			
Badland	0-1	---	---	---	---	---	---	---	---	---	---	---	---	---
	1-60	---	---	---	---	---	---	6.0-8.9	---	---	---			
Epikom	0-1	---	---	5-18	1.45-1.65	14.00-42.00	0.07-0.11	0.0-2.9	0.0-0.5	.17	.20	1	3	86
	1-10	---	---	15-18	1.40-1.50	4.00-14.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
	10-14	---	---	12-18	1.35-1.45	4.00-14.00	0.07-0.12	0.0-2.9	0.0-0.5	.10	.32			
	14-24	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	---	---	---	---	---	---	---	---	---	---	---	---	8	0
s345:														
Sheppard	0-2	---	---	5-8	1.20-1.30	42.00-141.00	0.06-0.08	0.0-2.9	0.5-1.0	.15	.15	5	2	134
	2-84	---	---	1-10	1.20-1.40	42.00-141.00	0.05-0.08	0.0-2.9	0.0-0.5	.15	.15			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s345:														
Monue	0-5	---	---	10-15	1.25-1.55	14.00-42.00	0.14-0.16	0.0-2.9	0.0-0.5	.28	.28	5	3	86
	5-84	---	---	10-20	1.25-1.35	14.00-42.00	0.12-0.16	0.0-2.9	0.0-0.5	.28	.32			
Nakai	0-3	---	---	8-18	1.25-1.35	14.00-42.00	0.15-0.17	0.0-2.9	0.5-1.0	.49	.49	5	3	86
	3-30	---	---	8-18	1.25-1.55	14.00-42.00	0.10-0.18	0.0-2.9	0.0-0.5	.43	.43			
	30-84	---	---	20-30	1.55-1.75	1.40-4.00	0.14-0.16	3.0-5.9	0.0-0.5	.28	.28			
Typic Torriorthents	0-20	---	---	---	---	0.42-141.00	---	---	0.0-0.5	---	---	3	---	---
	20-60	---	---	---	---	0.00-1.40	---	---	0.0	---	---			
Tewa	0-1	---	---	15-20	1.15-1.25	4.00-14.00	0.14-0.16	0.0-2.9	0.0-1.0	.37	.37	5	3	86
	1-25	---	---	25-35	1.35-1.45	1.40-4.00	0.15-0.19	0.0-2.9	0.0-0.5	.32	.32			
	25-31	---	---	10-20	1.25-1.35	4.00-14.00	0.13-0.15	0.0-2.9	0.0-0.5	.32	.32			
	31-84	---	---	25-35	1.20-1.30	1.40-4.00	0.15-0.19	0.0-2.9	0.0-0.5	.32	.32			
Rock outcrop	0-60	---	---	---	1.50-1.80	0.00-1.40	---	---	0.0	---	---	---	8	0
s348:														
Kinan	0-1	---	---	10-20	1.25-1.35	14.11-42.34	0.08-0.10	0.0-2.9	0.5-1.0	.17	.32	5	3	---
	1-13	---	---	5-20	1.25-1.35	14.11-42.34	0.11-0.14	0.0-2.9	0.5-1.0	.24	.24			
	13-27	---	---	5-20	1.35-1.50	14.11-42.34	0.05-0.08	0.0-2.9	0.0-0.5	.05	.17			
	27-60	---	---	5-20	1.25-1.35	14.11-42.34	0.11-0.14	0.0-2.9	0.0-0.5	.24	.24			
Pennell	0-4	---	---	10-20	1.30-1.35	4.23-14.11	0.12-0.15	0.0-2.9	0.0-0.5	.32	.37	1	5	---
	4-7	---	---	10-15	1.35-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.0-0.5	.20	.17			
	7-14	---	---	10-15	1.35-1.40	14.11-42.34	0.05-0.08	0.0-2.9	0.0-0.5	.15	.17			
	14-19	---	---	10-15	1.35-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.0-0.5	.20	.17			
	19-23	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s348:														
Pagina	0-2	---	---	0-15	1.45-1.55	42.34-141.14	0.08-0.11	0.0-2.9	0.5-1.0	.15	.17	2	2	---
	2-22	---	---	0-15	1.45-1.55	42.34-141.14	0.08-0.11	0.0-2.9	0.0-0.5	.15	.17			
	22-39	---	---	5-20	1.35-1.50	14.11-42.34	0.09-0.13	0.0-2.9	0.0-0.5	.20	.24			
	39-43	---	---	---	---	---	---	---	---	---	---			
s351:														
Palma	0-4	---	---	8-12	1.20-1.45	14.11-42.34	0.12-0.14	0.0-2.9	0.5-1.0	.28	.28	5	3	---
	4-60	---	---	12-18	1.20-1.45	14.11-42.34	0.12-0.14	0.0-2.9	0.5-1.0	.28	.28			
Mespu	0-18	---	---	3-8	1.40-1.50	141.14	0.05-0.08	0.0-2.9	0.5-1.0	.24	.24	5	1	---
	18-60	---	---	3-8	1.40-1.50	42.34-141.14	0.05-0.09	0.0-2.9	0.0-0.5	.24	.24			
Sazi	0-4	---	---	8-14	1.35-1.50	14.11-42.34	0.12-0.16	0.0-2.9	1.0-3.0	.37	.37	2	3	---
	4-17	---	---	10-18	1.35-1.50	14.11-42.34	0.10-0.16	0.0-2.9	---	.43	.43			
	17-32	---	---	8-16	1.35-1.50	14.11-42.34	0.11-0.16	0.0-2.9	---	.37	.37			
	32-36	---	---	---	---	---	---	---	---	---	---			
Rizno	0-2	---	---	3-18	1.30-1.55	14.11-42.34	0.08-0.12	0.0-2.9	0.5-1.0	.32	.24	1	3	---
	2-8	---	---	5-18	1.30-1.55	14.11-42.34	0.08-0.12	0.0-2.9	0.5-1.0	.20	.32			
	8-10	---	---	5-18	1.30-1.55	14.11-42.34	0.08-0.12	0.0-2.9	0.5-1.0	.32	.17			
	10-14	---	---	---	---	0.00-1.41	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Wayneco	0-3	---	---	6-10	1.40-1.50	14.11-42.34	0.06-0.10	0.0-2.9	1.0-2.0	.17	.24	1	3	---
	3-9	---	---	5-10	1.45-1.50	14.11-42.34	0.04-0.08	0.0-2.9	0.0-0.5	.17	.15			
	9-19	---	---	10-18	1.35-1.40	4.23-14.11	0.08-0.13	0.0-2.9	0.0-0.5	.28	.32			
	19-23	---	---	---	---	0.00-1.41	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s351:														
Mellenthin	0-4	---	---	10-15	1.25-1.35	4.23-14.11	0.07-0.09	0.0-2.9	0.8-2.0	.02	.24	1	5	---
	4-15	---	---	15-25	1.25-1.35	4.23-14.11	0.09-0.11	0.0-2.9	0.5-1.0	.05	.32			
	15-18	---	---	10-15	1.25-1.35	4.23-14.11	0.06-0.08	0.0-2.9	0.5-1.0	.02	.17			
	18-22	---	---	---	---	0.00-1.41	---	---	---	---	---			
s355:														
Winona	0-2	---	---	15-25	---	4.23-14.11	0.08-0.15	0.0-2.9	0.5-1.0	.15	.24	1	8	0
	2-15	---	---	15-25	---	4.23-14.11	0.05-0.10	0.0-2.9	---	.10	.64			
	15-19	---	---	---	---	---	---	---	---	---	---			
Tusayan	0-10	---	---	15-20	---	4.23-14.11	0.11-0.13	0.0-2.9	0.5-1.0	.20	.32	2	8	0
	10-29	---	---	10-28	---	4.23-14.11	0.05-0.07	0.0-2.9	---	.10	.37			
	29-33	---	---	---	---	---	---	---	---	---	---			
Boysag	0-3	---	---	10-20	---	4.23-14.11	0.11-0.13	0.0-2.9	1.0-2.0	.15	.24	1	8	0
	3-13	---	---	35-50	---	0.42-1.41	0.14-0.19	6.0-8.9	---	.17	.24			
	13-16	---	---	8-20	---	1.41-4.23	0.05-0.08	0.0-2.9	---	.05	.10			
	16-20	---	---	---	---	---	---	---	---	---	---			
s356:														
Epikom	0-1	---	---	5-18	1.45-1.65	14.00-42.00	0.07-0.11	0.0-2.9	0.0-0.5	.17	.20	1	3	86
	1-10	---	---	15-18	1.40-1.50	4.00-14.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
	10-14	---	---	12-18	1.35-1.45	4.00-14.00	0.07-0.12	0.0-2.9	0.0-0.5	.10	.32			
	14-24	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	1.50-1.80	---	---	---	---	---	---	---	8	0
Needle	0-7	---	---	0-10	1.35-1.45	141.00-705.00	0.05-0.07	0.0-2.9	0.5-1.0	.10	.10	1	1	310
	7-9	---	---	0-15	1.45-1.55	42.00-141.00	0.05-0.08	0.0-2.9	0.5-1.0	.10	.10			
	9-19	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s357:														
Clovis	0-5	---	---	10-17	1.45-1.55	4.23-14.11	0.13-0.15	0.0-2.9	0.7-0.9	.28	.28	5	3	---
	5-25	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.18	3.0-5.9	0.5-0.7	.32	.32			
	25-60	---	---	9-17	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	0.0-0.5	.43	.43			
Palma	0-7	---	---	10-20	1.70-1.75	14.11-42.34	0.13-0.15	0.0-2.9	1.0-2.0	.24	.24	5	3	---
	7-60	---	---	10-20	1.65-1.70	14.11-42.34	0.13-0.17	0.0-2.9	---	.28	.28			
Sheppard	0-2	---	---	5-8	1.20-1.30	42.34-141.14	0.06-0.08	0.0-2.9	0.5-1.0	.15	.15	5	2	---
	2-60	---	---	3-8	1.15-1.30	42.34-141.14	0.04-0.07	0.0-2.9	---	.15	.15			
	60-70	---	---	1-10	1.20-1.40	42.34-141.14	0.05-0.08	0.0-2.9	---	.15	.15			
Hubert	0-10	---	---	20-27	---	4.23-14.11	0.13-0.15	0.0-2.9	---	.17	.28	5	4L	---
	10-15	---	---	25-35	---	4.23-14.11	0.12-0.15	3.0-5.9	---	.15	.24			
	15-48	---	---	20-27	---	4.23-14.11	0.08-0.11	0.0-2.9	---	.10	.28			
	48-60	---	---	25-35	---	1.41-4.23	0.09-0.12	3.0-5.9	---	.10	.28			
s360:														
Tuweep	0-3	---	---	18-25	---	4.23-14.11	0.05-0.08	0.0-2.9	0.5-1.0	.10	.37	5	8	0
	3-34	---	---	28-34	---	1.41-4.23	0.17-0.19	3.0-5.9	---	.32	.43			
	34-60	---	---	15-20	---	4.23-14.11	0.04-0.06	0.0-2.9	---	.10	.64			
Wukoki	0-10	---	---	18-25	1.00-1.05	4.23-14.11	0.05-0.08	0.0-2.9	1.0-2.0	.10	.37	2	8	0
	10-18	---	---	18-25	1.05-1.10	4.23-14.11	0.05-0.08	0.0-2.9	0.5-1.0	.10	.37			
	18-65	---	---	0-1	---	141.14	0.03-0.05	0.0-2.9	0.0-0.5	.02	.02			
Wupatki	0-6	---	---	18-25	---	4.23-14.11	0.07-0.09	0.0-2.9	1.0-2.0	.10	.37	1	8	0
	6-16	---	---	18-25	---	4.23-14.11	0.07-0.09	0.0-2.9	---	.10	.37			
	16-20	---	---	---	---	---	---	---	---	---	---			
	20-60	---	---	0-1	---	141.14	0.03-0.05	0.0-2.9	---	.02	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s362:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Arches	0-4	---	---	3-8	1.40-1.50	42.34-141.14	0.08-0.10	0.0-2.9	0.5-1.0	.28	.28	1	2	---
	4-13	---	---	2-6	1.30-1.50	42.34-141.14	0.06-0.08	0.0-2.9	0.5-1.0	.28	.28			
	13-15	---	---	3-8	1.40-1.50	42.34-141.14	0.08-0.10	0.0-2.9	0.5-1.0	.28	.28			
	15-19	---	---	---	---	---	---	---	---	---	---			
Batterson	0-4	---	---	2-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.5-1.0	.20	.20	1	2	---
	4-15	---	---	2-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.24	.24			
	15-19	---	---	---	---	0.07-1.41	---	---	---	---	---			
Bond family	0-2	---	---	10-20	1.30-1.40	14.11-42.34	0.10-0.12	0.0-2.9	1.0	.24	.24	1	3	---
	2-16	---	---	20-35	1.40-1.50	4.23-14.11	0.13-0.15	0.0-2.9	---	.15	.24			
	16-20	---	---	---	---	---	---	---	---	---	---			
Lava flows	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Magotsu	0-5	---	---	12-25	1.25-1.40	4.23-14.11	0.07-0.09	0.0-2.9	1.0-2.0	.05	.32	1	8	0
	5-17	---	---	33-47	1.25-1.40	1.41-4.23	0.15-0.18	6.0-8.9	---	.24	.32			
	17-21	---	---	---	---	---	---	---	---	---	---			
	21-25	---	---	---	---	---	---	---	---	---	---			
Yaki	0-2	---	---	14-25	1.25-1.40	14.11-42.34	0.07-0.09	0.0-2.9	0.5-1.0	.02	.20	2	8	0
	2-19	---	---	20-27	1.30-1.45	14.11-42.34	0.09-0.12	0.0-2.9	---	.10	.32			
	19-23	---	---	---	---	---	---	---	---	---	---			
Cinder land	0-60	---	---	0-1	---	42.34-141.14	0.01-0.02	0.0-2.9	0.0-0.1	---	---	5	8	0

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s363:														
Grieta	0-3	---	---	10-20	1.45-1.55	14.00-42.00	0.11-0.13	0.0-2.9	0.1-0.5	.20	.20	5	3	86
	3-20	---	---	20-35	1.40-1.50	4.00-14.00	0.13-0.20	3.0-5.9	0.1-0.5	.28	.28			
	20-44	---	---	20-35	1.40-1.50	4.00-14.00	0.13-0.20	3.0-5.9	0.1-0.5	.28	.28			
	44-60	---	---	10-20	1.45-1.55	14.00-42.00	0.11-0.13	0.0-2.9	0.1-0.5	.20	.20			
Sheppard	0-60	---	---	2-5	1.50-1.60	42.00-141.00	0.06-0.08	0.0-2.9	0.0-0.5	.24	.24	5	2	134
s364:														
Begay	0-4	---	---	5-15	1.25-1.35	4.00-14.00	0.14-0.17	0.0-2.9	1.0-2.0	.32	.32	5	3	86
	4-57	---	---	5-15	1.25-1.55	14.00-42.00	0.12-0.15	0.0-2.9	0.5-1.0	.32	.32			
	57-84	---	---	5-10	1.45-1.65	42.00-141.00	0.07-0.10	0.0-2.9	0.0-0.5	.17	.24			
Penistaja	0-2	---	---	10-20	1.25-1.55	4.00-14.00	0.13-0.15	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	2-18	---	---	20-30	1.55-1.75	4.00-14.00	0.15-0.18	0.0-2.9	0.5-1.0	.32	.32			
	18-58	---	---	15-25	1.25-1.55	14.00-42.00	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
	58-84	---	---	5-10	1.45-1.65	42.00-141.00	0.04-0.07	0.0-2.9	0.0-0.5	.20	.20			
Mido	0-3	---	---	1-5	1.55-1.65	42.00-141.00	0.05-0.07	0.0-2.9	0.5-1.0	.17	.17	5	1	220
	3-84	---	---	3-8	1.55-1.65	42.00-141.00	0.05-0.09	0.0-2.9	0.0-0.5	.32	.32			
Ustic Torriorthents	0-31	---	---	---	---	0.42-141.00	---	---	0.0-1.0	---	---	3	---	---
	31-41	---	---	---	---	0.00-1.40	---	---	0.0	---	---			
Rock outcrop	0-60	---	---	---	1.50-1.80	0.00-1.40	---	---	0.0	---	---	---	8	0
s377:														
Thunderbird	0-2	---	---	30-45	0.95-1.20	1.41-4.23	0.11-0.12	6.0-8.9	1.0-2.0	.10	.20	2	8	0
	2-31	---	---	35-55	0.95-1.20	0.00-0.42	0.14-0.16	6.0-8.9	0.5-1.0	.24	.32			
	31-35	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s377:														
Cabezon	0-4	---	---	30-40	1.40-1.50	0.42-1.41	0.05-0.10	3.0-5.9	1.0-2.0	.15	.28	1	8	0
	4-12	---	---	45-60	1.35-1.45	0.42-1.41	0.12-0.14	6.0-8.9	---	.17	.24			
	12-16	---	---	---	---	---	---	---	---	---	---			
Rudd	0-10	---	---	20-27	---	4.23-14.11	0.12-0.14	0.0-2.9	1.0-3.0	.20	.37	1	5	---
	10-13	---	---	20-32	---	4.23-14.11	0.09-0.11	0.0-2.9	---	.10	.37			
	13-17	---	---	---	---	---	---	---	---	---	---			
Springerville	0-4	---	---	40-60	1.75-1.80	0.42-1.41	0.09-0.12	6.0-8.9	1.0-2.0	.05	.10	3	8	0
	4-35	---	---	40-60	1.85-1.90	0.00-0.42	0.15-0.17	6.0-8.9	---	.28	.28			
	35-42	---	---	40-60	1.85-1.90	0.42-1.41	0.10-0.14	6.0-8.9	---	.17	.28			
	42-46	---	---	---	---	---	---	---	---	---	---			
s383:														
Kydestea	0-1	---	---	25-35	1.15-1.25	1.40-4.00	0.07-0.10	3.0-5.9	1.0-2.0	.15	.49	1	8	0
	1-5	---	---	25-35	1.15-1.25	1.40-4.00	0.08-0.12	3.0-5.9	1.0-2.0	.15	.49			
	5-15	---	---	25-35	1.15-1.25	1.40-4.00	0.06-0.10	3.0-5.9	1.0-2.0	.05	.24			
	15-19	---	---	---	---	0.00-1.40	---	---	0.0	---	---			
Zyme	0-1	---	---	35-40	1.25-1.55	1.40-4.00	0.16-0.20	6.0-8.9	1.0-2.0	.43	.43	1	4	86
	1-18	---	---	35-45	1.15-1.55	0.42-1.40	0.14-0.19	6.0-8.9	0.5-1.0	.43	.43			
	18-22	---	---	---	---	0.00-1.40	---	---	0.0	---	---			
Tonalea	0-3	---	---	5-10	1.25-1.35	42.00-141.00	0.09-0.11	0.0-2.9	0.2-0.5	.20	.20	2	2	134
	3-24	---	---	5-10	1.30-1.40	42.00-141.00	0.06-0.09	0.0-2.9	0.2-0.5	.20	.20			
	24-26	---	---	---	---	0.00-1.40	---	---	0.0	---	---			
	26-30	---	---	---	---	0.00-1.40	---	---	0.0	---	---			
Ustic Torriorthents	0-20	---	---	---	---	0.42-141.00	---	---	0.0-0.5	---	---	3	---	---
	20-60	---	---	---	---	0.00-1.40	---	---	0.0	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s383:														
Rock outcrop	0-60	---	---	---	1.50-1.80	0.00-1.40	---	---	0.0	---	---	---	8	0
Begay	0-4	---	---	5-15	1.25-1.35	4.00-14.00	0.14-0.17	0.0-2.9	1.0-2.0	.32	.32	5	3	86
	4-57	---	---	5-15	1.25-1.55	14.00-42.00	0.12-0.15	0.0-2.9	0.5-1.0	.32	.32			
	57-84	---	---	5-10	1.45-1.65	42.00-141.00	0.07-0.10	0.0-2.9	0.0-0.5	.17	.24			
Penistaja	0-2	---	---	10-20	1.25-1.55	4.00-14.00	0.13-0.15	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	2-18	---	---	20-30	1.55-1.75	4.00-14.00	0.15-0.18	0.0-2.9	0.5-1.0	.32	.32			
	18-58	---	---	15-25	1.25-1.55	14.00-42.00	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
	58-84	---	---	5-10	1.45-1.65	42.00-141.00	0.04-0.07	0.0-2.9	0.0-0.5	.20	.20			
s384:														
Torriorthents	0-31	---	---	---	---	0.42-141.00	---	---	0.0-1.0	---	---	3	---	---
	31-41	---	---	---	---	0.00-1.40	---	---	0.0	---	---			
Badland	0-60	---	---	---	---	0.00-1.40	---	---	0.0	---	---	---	---	---
Monue	0-5	---	---	10-15	1.25-1.55	14.00-42.00	0.14-0.16	0.0-2.9	0.0-0.5	.28	.28	5	3	86
	5-84	---	---	10-20	1.25-1.35	14.00-42.00	0.12-0.16	0.0-2.9	0.0-0.5	.28	.32			
Sheppard	0-2	---	---	5-8	1.20-1.30	42.00-141.00	0.06-0.08	0.0-2.9	0.5-1.0	.15	.15	5	2	134
	2-84	---	---	1-10	1.20-1.40	42.00-141.00	0.05-0.08	0.0-2.9	0.0-0.5	.15	.15			
Rock outcrop	0-60	---	---	---	1.50-1.80	0.00-1.40	---	---	0.0	---	---	---	8	0
s392:														
Aneth	0-2	---	---	3-10	1.55-1.65	42.34-141.14	0.08-0.10	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	2-60	---	---	3-10	1.55-1.65	42.34-141.14	0.08-0.10	0.0-2.9	0.0-0.5	.15	.15			
Sheppard	0-12	---	---	2-5	1.50-1.60	42.34-141.14	0.05-0.07	0.0-2.9	0.0-0.5	.20	.20	5	1	---
	12-60	---	---	3-8	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s392:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Sogzie	0-5	---	---	10-18	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	0.5-1.0	.43	.43	5	3	---
	5-21	---	---	10-18	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	---	.43	.43			
	21-80	---	---	10-18	1.35-1.45	4.23-14.11	0.11-0.13	0.0-2.9	---	.32	.32			
s393:														
Begay	0-3	---	---	2-10	1.40-1.50	14.11-42.34	0.08-0.11	0.0-2.9	1.0-3.0	.49	.49	5	2	---
	3-42	---	---	12-18	1.40-1.50	14.11-42.34	0.13-0.18	0.0-2.9	0.5-1.0	.43	.43			
	42-60	---	---	5-12	1.40-1.50	14.11-42.34	0.10-0.15	0.0-2.9	0.0-0.5	.37	.37			
Shedado	0-7	---	---	5-10	1.45-1.55	14.11-42.34	0.09-0.11	0.0-2.9	2.0-3.0	.37	.37	2	2	---
	7-15	---	---	3-8	1.45-1.55	14.11-42.34	0.06-0.08	0.0-2.9	0.5-1.0	.43	.43			
	15-35	---	---	5-18	1.40-1.50	14.11-42.34	0.09-0.11	0.0-2.9	0.5-1.0	.28	.28			
	35-39	---	---	---	---	0.00-1.41	---	---	---	---	---			
Anasazi	0-4	---	---	12-18	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.24	.37	2	8	0
	4-24	---	---	12-18	1.40-1.50	14.11-42.34	0.09-0.12	0.0-2.9	---	.43	.49			
	24-28	---	---	---	---	---	---	---	---	---	---			
Mespun	0-18	---	---	2-10	1.40-1.50	42.34-141.14	0.08-0.10	0.0-2.9	0.0-0.5	.32	.32	5	2	---
	18-60	---	---	3-8	1.40-1.50	42.34-141.14	0.05-0.09	0.0-2.9	0.0-0.5	.24	.24			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
s394:														
Namon	0-5	---	---	8-15	1.40-1.50	14.11-42.34	0.05-0.08	0.0-2.9	3.0-5.0	.10	.49	1	8	0
	5-21	---	---	10-18	1.40-1.50	14.11-42.34	0.08-0.10	0.0-2.9	---	.24	.49			
	21-48	---	---	10-18	1.40-1.50	14.11-42.34	0.04-0.07	0.0-2.9	---	.10	.43			
	48-52	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s394:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Ustollic Haplargids	0-8	---	---	8-18	1.30-1.45	14.11-42.34	0.08-0.10	0.0-2.9	1.0-3.0	.17	.24	3	8	0
	8-24	---	---	20-40	1.15-1.35	1.41-14.11	0.13-0.16	3.0-5.9	---	.10	.24			
	24-60	---	---	28-35	1.10-1.30	0.42-14.11	0.12-0.15	3.0-5.9	---	.20	.24			
s398:														
Monue	0-13	---	---	5-18	1.30-1.45	14.11-42.34	0.08-0.11	0.0-2.9	0.5-1.0	.28	.28	3	2	---
	13-46	---	---	10-18	1.20-1.35	14.11-42.34	0.10-0.16	0.0-2.9	---	.28	.28			
	46-50	---	---	---	---	---	---	---	---	---	---			
Moepitz	0-10	---	---	3-5	1.50-1.60	14.11-42.34	0.09-0.12	0.0-2.9	0.5-1.0	.49	.49	3	1	---
	10-22	---	---	14-18	1.35-1.45	14.11-42.34	0.08-0.10	0.0-2.9	---	.20	.37			
	22-30	---	---	12-18	1.35-1.45	14.11-42.34	0.09-0.13	0.0-2.9	---	.49	.49			
	30-34	---	---	---	---	---	---	---	---	---	---			
Sheppard	0-12	---	---	2-5	1.50-1.60	42.34-141.14	0.05-0.07	0.0-2.9	0.0-0.5	.20	.20	5	1	---
	12-60	---	---	3-8	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Deleco	0-3	---	---	3-10	1.45-1.55	14.11-42.34	0.08-0.09	0.0-2.9	0.0-0.5	.37	.37	1	2	---
	3-7	---	---	5-10	1.40-1.45	14.11-42.34	0.07-0.09	0.0-2.9	---	.15	.17			
	7-10	---	---	5-10	1.40-1.45	14.11-42.34	0.05-0.06	0.0-2.9	---	.10	.17			
	10-14	---	---	---	---	---	---	---	---	---	---			
	14-45	---	---	0-10	1.35-1.45	0.00-0.42	0.08-0.09	0.0-2.9	---	.43	.43			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s415:														
Eutric Glossoboralfs	0-2	---	---	18-26	1.20-1.30	14.11-42.34	0.11-0.15	0.0-2.9	0.5-0.9	.20	---	5	7	---
	2-16	---	---	15-25	1.45-1.55	14.11-42.34	0.07-0.13	0.0-2.9	---	.20	---			
	16-35	---	---	30-45	1.35-1.45	1.41-4.23	0.07-0.09	3.0-5.9	---	.10	---			
	35-67	---	---	35-50	1.30-1.40	1.41-4.23	0.05-0.08	3.0-5.9	---	.10	---			
Typic Haplustalfs	0-7	---	---	20-35	1.30-1.40	4.23-14.11	0.14-0.20	3.0-5.9	1.0-2.0	.37	---	4	6	---
	7-30	---	---	35-50	1.40-1.50	0.42-4.23	0.12-0.18	6.0-8.9	---	.28	---			
	30-41	---	---	35-50	1.40-1.50	1.41-4.23	0.07-0.10	3.0-5.9	---	.15	---			
	41-48	---	---	18-25	1.45-1.55	4.23-14.11	0.07-0.10	0.0-2.9	---	.15	---			
	48-60	---	---	5-15	1.40-1.50	42.34-141.14	0.03-0.05	0.0-2.9	---	.10	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
s441:														
Piute	0-9	---	---	2-8	1.45-1.50	14.11-42.34	0.08-0.09	0.0-2.9	0.0-0.5	.43	.43	1	2	---
	9-13	---	---	---	---	---	---	---	---	---	---			
Bluechief	0-3	---	---	5-10	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.37	.37	2	3	---
	3-25	---	---	10-15	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	---	.43	.43			
	25-38	---	---	12-18	1.40-1.50	14.11-42.34	0.11-0.14	0.0-2.9	---	.43	.17			
	38-42	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
s442:														
Shumbegay	0-2	---	---	2-5	1.55-1.65	42.34-141.14	0.09-0.10	0.0-2.9	0.2-0.5	.20	.20	5	2	---
	2-6	---	---	5-8	1.55-1.65	14.11-42.34	0.09-0.10	0.0-2.9	0.2-0.5	.20	.20			
	6-10	---	---	2-5	1.55-1.65	42.34-141.14	0.07-0.09	0.0-2.9	0.2-0.5	.20	.20			
	10-80	---	---	3-8	1.55-1.65	14.11-42.34	0.09-0.11	0.0-2.9	0.2-0.5	.20	.20			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s442:														
Uzona	0-1	---	---	20-27	1.35-1.55	4.23-14.11	0.04-0.07	3.0-5.9	0.5-1.0	.37	.37	5	4L	---
	1-45	---	---	35-55	1.30-1.45	0.00-0.42	0.03-0.06	6.0-8.9	---	.32	.32			
	45-58	---	---	20-30	1.35-1.50	1.41-4.23	0.03-0.05	3.0-5.9	---	.28	.28			
	58-60	---	---	5-10	1.50-1.60	42.34-141.14	0.01-0.02	0.0-2.9	---	.10	.10			
Escavada	0-2	---	---	5-15	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	0.2-0.6	.55	.55	5	3	---
	2-70	---	---	2-10	1.50-1.55	4.23-14.11	0.06-0.08	0.0-2.9	0.2-0.6	.17	.17			
s443:														
Farview	0-2	---	---	10-18	1.50-1.60	14.11-42.34	0.12-0.14	0.0-2.9	0.5-1.0	.28	.32	1	3	---
	2-6	---	---	10-18	1.50-1.60	14.11-42.34	0.10-0.14	0.0-2.9	0.5-1.0	.20	.28			
	6-10	---	---	---	---	---	---	---	---	---	---			
Millett	0-4	---	---	13-16	1.35-1.45	14.11-42.34	0.07-0.09	0.0-2.9	1.0-3.0	.15	.32	3	3	---
	4-12	---	---	18-35	1.40-1.50	4.23-14.11	0.12-0.16	3.0-5.9	---	.24	.43			
	12-50	---	---	8-22	1.40-1.55	4.23-42.34	0.08-0.12	3.0-5.9	---	.15	.28			
	50-60	---	---	5-12	1.40-1.55	14.11-141.14	0.05-0.09	0.0-2.9	---	.10	.37			
Doakum	0-5	---	---	10-20	1.40-1.50	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	5-17	---	---	18-35	1.45-1.55	4.23-14.11	0.17-0.20	3.0-5.9	---	.32	.32			
	17-60	---	---	20-35	1.40-1.50	4.23-14.11	0.12-0.15	3.0-5.9	---	.32	.32			
s444:														
Arches	0-4	---	---	3-8	1.40-1.50	42.34-141.14	0.08-0.10	0.0-2.9	0.5-1.0	.28	.28	1	2	---
	4-13	---	---	2-6	1.30-1.50	42.34-141.14	0.06-0.08	0.0-2.9	0.5-1.0	.28	.28			
	13-15	---	---	3-8	1.40-1.50	42.34-141.14	0.08-0.10	0.0-2.9	0.5-1.0	.28	.28			
	15-19	---	---	---	---	---	---	---	---	---	---			
Blanding	0-4	---	---	10-18	1.35-1.40	4.23-14.11	0.16-0.18	0.0-2.9	0.8-0.9	.43	.43	5	3	---
	4-60	---	---	20-25	1.25-1.30	4.23-14.11	0.16-0.18	0.0-2.9	---	.49	.49			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s444:														
Mido	0-2	---	---	8-18	1.40-1.50	14.11-42.34	0.09-0.12	0.0-2.9	0.0-0.5	.37	.37	5	3	---
	2-60	---	---	3-8	1.40-1.50	42.34-141.14	0.05-0.09	0.0-2.9	0.0-0.5	.32	.32			
s445:														
Akhoni	0-6	---	---	5-18	1.70-1.80	14.11-42.34	0.14-0.16	0.0-2.9	1.0-3.0	.24	---	1	3	---
	6-18	---	---	5-18	1.70-1.80	14.11-42.34	0.13-0.15	0.0-2.9	1.0-2.0	.24	---			
	18-22	---	---	---	---	---	---	---	---	---	---			
Tunitcha	0-5	---	---	10-18	1.25-1.35	14.11-42.34	0.05-0.08	0.0-2.9	1.0-4.0	.10	.24	3	6	---
	5-8	---	---	10-18	1.35-1.45	14.11-42.34	0.08-0.10	0.0-2.9	1.0-4.0	.15	.24			
	8-38	---	---	20-27	1.40-1.50	4.23-14.11	0.12-0.15	0.0-2.9	0.5-1.0	.32	.32			
	38-57	---	---	10-18	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.4-0.6	.24	.24			
	57-61	---	---	---	---	---	---	---	---	---	---			
Klizhin	0-2	---	---	3-12	1.25-1.35	14.11-42.34	0.09-0.10	0.0-2.9	2.0-4.0	.20	.20	5	2	---
	2-40	---	---	3-18	1.35-1.45	14.11-42.34	0.11-0.14	0.0-2.9	1.0-3.0	.28	.28			
	40-60	---	---	3-18	1.65-1.75	14.11-42.34	0.11-0.14	0.0-2.9	0.5-1.0	.28	.28			
s452:														
Augustine	0-3	---	---	8-17	1.35-1.45	14.11-42.34	0.12-0.14	0.0-2.9	1.0-2.0	.28	.37	5	3	---
	3-37	---	---	18-35	1.40-1.50	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.37			
	37-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.15	3.0-5.9	---	.37	.37			
Telescope	0-3	---	---	3-11	1.40-1.50	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20	4	2	---
	3-19	---	---	5-15	1.45-1.55	14.11-42.34	0.12-0.14	0.0-2.9	---	.28	.28			
	19-45	---	---	5-15	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.28	.28			
	45-55	---	---	3-11	1.45-1.55	42.34-141.14	0.09-0.11	0.0-2.9	---	.20	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s452:														
Royosa	0-4	---	---	2-6	1.35-1.45	141.14	0.05-0.07	0.0-2.9	1.0-2.0	.17	.17	3	1	---
	4-43	---	---	3-10	1.40-1.50	141.14	0.05-0.08	0.0-2.9	---	.17	.17			
	43-45	---	---	5-15	1.45-1.55	14.11-42.34	0.13-0.15	0.0-2.9	---	.28	.28			
	45-49	---	---	---	---	---	---	---	---	---	---			
s466:														
Kopie	0-2	---	---	8-15	---	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.17	.17	1	3	---
	2-6	---	---	15-25	---	4.23-14.11	0.16-0.18	0.0-2.9	---	.28	.32			
	6-14	---	---	15-25	---	4.23-14.11	0.14-0.18	0.0-2.9	---	.15	.20			
	14-18	---	---	---	---	---	---	---	---	---	---			
Quintana	0-6	---	---	15-27	1.30-1.40	4.23-14.11	0.08-0.10	0.0-2.9	1.0-2.0	.20	.32	5	7	---
	6-33	---	---	20-30	1.45-1.55	4.23-14.11	0.16-0.19	3.0-5.9	---	.37	.37			
	33-41	---	---	10-16	1.40-1.50	14.11-42.34	0.10-0.12	0.0-2.9	---	.24	.24			
	41-60	---	---	10-16	1.40-1.50	14.11-42.34	0.07-0.15	0.0-2.9	---	.10	.32			
s490:														
Monue	0-3	---	---	3-5	1.45-1.55	14.11-42.34	0.07-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	---
	3-60	---	---	8-17	1.35-1.45	14.11-42.34	0.10-0.15	0.0-2.9	0.0-0.5	.28	.28			
Nakai	0-18	---	---	3-10	1.45-1.55	42.34-141.14	0.07-0.09	0.0-2.9	0.5-1.0	.28	.28	5	2	---
	18-34	---	---	8-18	1.50-1.60	14.11-42.34	0.10-0.18	0.0-2.9	0.5-1.0	.43	.43			
	34-60	---	---	5-10	1.55-1.65	42.34-141.14	0.08-0.11	0.0-2.9	0.5-1.0	.28	.28			
Blackston	0-3	---	---	10-18	1.50-1.60	14.11-42.34	0.07-0.09	0.0-2.9	0.4-0.6	.15	.24	5	5	---
	3-9	---	---	10-18	1.50-1.60	14.11-42.34	0.11-0.13	0.0-2.9	0.3-0.5	.24	.24			
	9-15	---	---	20-35	1.50-1.60	4.23-14.11	0.10-0.12	3.0-5.9	0.3-0.5	.15	.32			
	15-35	---	---	10-18	1.45-1.55	42.34-141.14	0.03-0.06	0.0-2.9	0.2-0.4	.05	.20			
	35-70	---	---	0-8	1.45-1.55	141.14	0.01-0.03	0.0-2.9	0.2-0.4	.02	.15			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s495:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Torriorthents	0-60	---	---	---	---	---	---	---	---	---	---	---	---	---
Calciorthids	0-5	---	---	20-27	---	4.23-14.11	0.08-0.10	0.0-2.9	0.5-2.0	.10	.28	3	6	---
	5-60	---	---	15-30	---	14.11-42.34	0.07-0.09	0.0-2.9	---	.10	.28			
s1417:														
Youngston	0-10	---	---	27-35	1.25-1.35	1.41-4.23	0.15-0.18	3.0-5.9	0.5-1.0	.32	.32	5	5	---
	10-43	---	---	18-35	1.25-1.40	1.41-4.23	0.15-0.18	3.0-5.9	0.5-1.0	.32	.32			
	43-60	---	---	18-35	1.25-1.40	1.41-4.23	0.15-0.18	3.0-5.9	0.5-1.0	.32	.32			
Torrifluvents	0-6	---	---	---	---	1.41-141.14	---	---	0.5-3.0	---	---	---	8	0
	6-60	---	---	0-10	1.45-1.60	42.34-141.14	0.03-0.06	0.0-2.9	0.5-1.0	.05	.20			
s1420:														
Farb	0-7	---	---	15-20	1.45-1.55	14.11-42.34	0.08-0.13	0.0-2.9	0.0-0.7	.28	.28	1	3	---
	7-10	---	---	10-20	1.45-1.55	14.11-42.34	0.06-0.13	0.0-2.9	0.0-0.5	.24	.24			
	10-14	---	---	---	---	---	---	---	---	---	---			
Mack	0-4	---	---	15-20	1.40-1.50	4.23-14.11	0.13-0.18	0.0-2.9	0.5-1.0	.20	.20	5	4	---
	4-18	---	---	18-35	1.30-1.40	1.41-4.23	0.16-0.18	0.0-2.9	0.0-0.5	.28	.28			
	18-36	---	---	15-25	1.30-1.40	4.23-14.11	0.12-0.14	0.0-2.9	0.0-0.5	.28	.49			
	36-60	---	---	15-25	1.30-1.40	4.23-14.11	0.10-0.12	0.0-2.9	0.0-0.5	.17	.32			
	60-70	---	---	10-25	1.30-1.40	4.23-14.11	0.13-0.16	0.0-2.9	0.0-0.5	.28	.28			
Redlands	0-7	---	---	15-20	1.30-1.40	14.11-42.34	0.10-0.12	0.0-2.9	0.5-1.0	.24	.24	5	3	---
	7-18	---	---	20-30	1.30-1.40	4.23-14.11	0.16-0.18	0.0-2.9	---	.28	.28			
	18-60	---	---	10-18	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	---	.32	.32			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s1420:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Moenkopie	0-3	---	---	5-17	1.30-1.40	14.11-42.34	0.06-0.10	0.0-2.9	0.5-1.0	.10	.37	1	6	---
	3-8	---	---	7-20	1.35-1.45	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.32			
	8-12	---	---	---	---	0.00-1.41	---	---	---	---	---			
Myton family	0-6	---	---	18-27	1.25-1.35	4.23-14.11	0.07-0.11	0.0-2.9	0.5-1.0	.15	.37	5	8	0
	6-60	---	---	10-18	1.35-1.45	14.11-42.34	0.05-0.08	0.0-2.9	0.5-1.0	.05	.17			
s1422:														
Claysprings	0-3	---	---	27-35	1.25-1.40	1.41-4.23	0.10-0.12	3.0-5.9	0.0-0.5	.15	.49	1	8	0
	3-18	---	---	35-60	1.20-1.35	0.42-1.41	0.16-0.18	6.0-8.9	0.0-0.5	.28	.37			
	18-22	---	---	---	---	---	---	---	---	---	---			
Myton family	0-6	---	---	18-27	1.25-1.35	4.23-14.11	0.07-0.11	0.0-2.9	0.5-1.0	.15	.37	5	8	0
	6-60	---	---	10-18	1.35-1.45	14.11-42.34	0.05-0.08	0.0-2.9	0.5-1.0	.05	.17			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Uzona	0-1	---	---	27-35	1.35-1.40	1.41-4.23	0.16-0.18	3.0-5.9	0.5-1.0	.24	.43	5	6	---
	1-45	---	---	35-60	1.35-1.45	0.00-0.42	0.15-0.17	6.0-8.9	0.5-1.0	.28	.32			
	45-60	---	---	27-40	1.40-1.45	1.41-4.23	0.17-0.19	3.0-5.9	0.0-0.5	.24	.28			
s1424:														
Cragola	0-2	---	---	20-35	1.45-1.55	4.23-14.11	0.06-0.09	0.0-2.9	0.5-1.0	.10	.37	1	8	0
	2-18	---	---	27-35	1.45-1.55	0.42-1.41	0.07-0.10	0.0-2.9	0.0-0.5	.17	---			
	18-22	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s1424:														
Rizno	0-2	---	---	10-17	1.20-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.24	1	3	---
	2-5	---	---	20-30	1.10-1.30	4.23-14.11	0.12-0.15	0.0-2.9	0.5-1.0	.15	.24			
	5-7	---	---	10-18	1.20-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.17			
	7-14	---	---	6-10	1.40-1.50	42.34-141.14	0.05-0.06	0.0-2.9	---	.10	.15			
	14-18	---	---	---	---	---	---	---	---	---	---			
Romberg	0-2	---	---	15-27	---	4.23-14.11	0.12-0.14	0.0-2.9	1.0-2.0	.20	.37	5	8	0
	2-20	---	---	27-35	---	1.41-4.23	0.07-0.08	3.0-5.9	---	.10	.32			
	20-60	---	---	27-35	---	1.41-4.23	0.07-0.08	3.0-5.9	---	.10	.32			
Littleman	0-3	---	---	20-40	1.20-1.35	0.42-4.23	0.14-0.16	3.0-5.9	0.5-1.0	.20	.37	3	4L	---
	3-29	---	---	35-45	1.15-1.30	0.42-1.41	0.16-0.18	6.0-8.9	---	.24	.32			
	29-33	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Bodot	0-6	---	---	20-27	1.15-1.35	1.41-14.11	0.08-0.12	3.0-5.9	1.0-2.0	.43	.64	2	8	0
	6-15	---	---	30-40	1.20-1.40	0.42-4.23	0.16-0.18	6.0-8.9	---	.43	.43			
	15-36	---	---	35-60	1.20-1.40	0.42-1.41	0.17-0.18	6.0-8.9	---	.37	.37			
	36-40	---	---	---	---	0.00-14.11	---	---	---	---	---			
s5091:														
Typic Ustochrepts	0-9	---	---	12-18	1.45-1.55	4.23-14.11	0.09-0.11	0.0-2.9	0.5-0.9	.10	---	5	7	---
	9-37	---	---	24-30	1.45-1.55	4.23-14.11	0.07-0.10	3.0-5.9	---	.10	---			
	37-60	---	---	5-15	1.45-1.55	14.11-42.34	0.05-0.08	0.0-2.9	---	.10	---			
s5092:														
Typic Ustochrepts	0-6	---	---	10-16	1.35-1.45	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.24	---	5	3	---
	6-33	---	---	20-30	1.45-1.55	4.23-14.11	0.16-0.19	3.0-5.9	---	.37	---			
	33-41	---	---	10-16	1.40-1.50	14.11-42.34	0.10-0.12	0.0-2.9	---	.24	---			
	41-60	---	---	10-16	1.40-1.50	14.11-42.34	0.07-0.15	0.0-2.9	---	.10	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5092:														
Lithic Ustochrepts	0-3	---	---	15-20	1.45-1.55	4.23-14.11	0.11-0.14	0.0-2.9	0.5-0.9	.20	---	1	5	---
	3-11	---	---	10-20	1.45-1.55	4.23-14.11	0.07-0.09	0.0-2.9	---	.10	---			
	11-15	---	---	---	---	---	---	---	---	---	---			
s5112:														
Cumulic Haplustolls	0-14	---	---	10-25	1.20-1.30	4.23-14.11	0.16-0.18	0.0-2.9	2.0-3.0	.43	---	5	6	---
	14-60	---	---	18-34	1.40-1.50	1.41-4.23	0.16-0.21	3.0-5.9	---	.37	---			
	60-70	---	---	15-20	1.45-1.55	14.11-42.34	0.13-0.15	0.0-2.9	---	.28	---			
s5160:														
Viuda	0-3	---	---	10-20	1.35-1.40	14.11-42.34	0.05-0.07	0.0-2.9	0.5-0.9	.10	.24	1	6	---
	3-16	---	---	35-50	1.40-1.45	0.42-1.41	0.14-0.17	6.0-8.9	---	.20	.20			
	16-19	---	---	20-35	1.45-1.50	4.23-14.11	0.15-0.17	3.0-5.9	---	.15	.32			
	19-23	---	---	---	---	---	---	---	---	---	---			
Penistaja	0-4	---	---	10-20	1.35-1.45	4.23-14.11	0.13-0.15	0.0-2.9	0.8-2.0	.28	.28	5	3	---
	4-28	---	---	20-30	1.40-1.50	4.23-14.11	0.15-0.18	0.0-2.9	0.0-0.5	.32	.32			
	28-60	---	---	15-25	1.20-1.30	14.11-42.34	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Aparejo	0-2	---	---	18-25	1.20-1.30	4.23-14.11	0.19-0.21	0.0-2.9	0.5-0.9	.43	.43	5	4L	---
	2-18	---	---	18-35	1.20-1.30	1.41-4.23	0.19-0.21	3.0-5.9	---	.37	.37			
	18-60	---	---	18-30	1.20-1.30	4.23-14.11	0.14-0.21	0.0-2.9	---	.32	.32			
Venadito	0-3	---	---	30-39	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	0.5-1.0	.37	.37	5	4L	---
	3-60	---	---	60-80	1.15-1.25	0.07-0.42	0.14-0.16	6.0-8.9	0.5-1.0	.20	.20			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5161:														
Cabezon	0-2	---	---	10-20	1.25-1.40	14.11-42.34	0.06-0.08	0.0-2.9	1.0-2.0	.10	.24	1	8	0
	2-18	---	---	35-60	1.35-1.45	0.42-1.41	0.14-0.17	6.0-8.9	---	.24	.28			
	18-22	---	---	---	---	---	---	---	---	---	---			
Cantina	0-2	---	---	15-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.24	.24	3	3	---
	2-9	---	---	20-35	1.35-1.45	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	9-31	---	---	35-55	1.35-1.45	0.42-1.41	0.15-0.17	6.0-8.9	---	.28	.28			
	31-54	---	---	25-40	1.40-1.50	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.32			
	54-58	---	---	---	---	---	---	---	---	---	---			
Millpaw	0-4	---	---	18-25	1.15-1.25	4.23-14.11	0.16-0.18	0.0-2.9	2.0-3.0	.37	.37	5	6	---
	4-35	---	---	35-50	1.40-1.50	0.42-1.41	0.17-0.19	6.0-8.9	---	.32	.32			
	35-60	---	---	18-35	1.40-1.50	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.37			
Montecito	0-3	---	---	27-30	1.35-1.45	4.23-14.11	0.19-0.21	0.0-2.9	0.5-0.9	.32	.37	5	6	---
	3-24	---	---	35-40	1.45-1.55	1.41-4.23	0.19-0.21	3.0-5.9	---	.32	.37			
	24-60	---	---	35-40	1.45-1.55	1.41-4.23	0.15-0.17	3.0-5.9	---	.32	.32			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Bandera	0-9	---	---	10-15	1.10-1.20	4.23-14.11	0.06-0.12	0.0-2.9	2.0-3.0	.10	.32	1	7	---
	9-16	---	---	10-15	1.10-1.20	4.23-14.11	0.06-0.12	0.0-2.9	1.0-2.0	.10	.32			
	16-60	---	---	0-5	1.00-1.10	141.14	0.01-0.03	0.0-2.9	0.5-1.0	.02	---			
Ildefonso	0-3	---	---	8-18	1.45-1.55	14.11-42.34	0.04-0.08	0.0-2.9	0.5-2.0	.10	.24	5	6	---
	3-60	---	---	8-18	1.45-1.55	14.11-42.34	0.04-0.08	0.0-2.9	---	.10	.32			
Torreón	0-2	---	---	15-25	1.10-1.15	4.23-14.11	0.08-0.09	0.0-2.9	1.0-3.0	.10	.37	5	8	0
	2-25	---	---	35-50	1.25-1.30	0.42-1.41	0.14-0.16	6.0-8.9	---	.24	.28			
	25-60	---	---	30-40	1.25-1.30	1.41-4.23	0.19-0.21	3.0-5.9	---	.37	.43			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5161:														
Loarc	0-14	---	---	10-15	1.35-1.45	14.11-42.34	0.13-0.15	0.0-2.9	1.0-3.0	.28	.28	5	3	---
	14-23	---	---	18-35	1.40-1.50	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	23-36	---	---	10-25	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.28			
	36-60	---	---	10-25	1.40-1.50	14.11-42.34	0.09-0.11	0.0-2.9	---	.15	.24			
s5164:														
Laporte	0-3	---	---	12-20	1.35-1.40	4.23-14.11	0.11-0.14	0.0-2.9	1.0-2.0	.20	.37	1	5	---
	3-11	---	---	15-27	1.35-1.40	4.23-14.11	0.11-0.14	0.0-2.9	---	.20	.37			
	11-15	---	---	---	---	0.00-1.41	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Vessilla	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.9	.24	.24	1	3	---
	2-11	---	---	8-18	1.50-1.60	14.11-42.34	0.13-0.15	0.0-2.9	0.0-0.5	.28	.28			
	11-15	---	---	---	---	---	---	---	---	---	---			
Atarque	0-2	---	---	10-18	1.40-1.50	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.9	.28	.28	1	3	---
	2-16	---	---	24-35	1.40-1.50	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	16-22	---	---	---	---	---	---	---	---	---	---			
Flugle	0-3	---	---	5-10	1.45-1.55	42.34-141.14	0.09-0.10	0.0-2.9	1.0-3.0	.20	.20	5	2	---
	3-25	---	---	20-35	1.45-1.55	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.37			
	25-60	---	---	10-20	1.45-1.55	4.23-14.11	0.11-0.13	0.0-2.9	---	.24	.24			
Mion	0-4	---	---	20-27	1.30-1.40	4.23-14.11	0.16-0.18	0.0-2.9	1.0-3.0	.37	.37	1	4L	---
	4-14	---	---	38-55	1.35-1.45	0.00-0.42	0.15-0.17	6.0-8.9	---	.32	.32			
	14-18	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5165:														
Penistaja	0-4	---	---	10-20	1.35-1.45	4.23-14.11	0.13-0.15	0.0-2.9	0.8-2.0	.28	.28	5	3	---
	4-28	---	---	20-30	1.40-1.50	4.23-14.11	0.15-0.18	0.0-2.9	0.0-0.5	.32	.32			
	28-60	---	---	15-25	1.20-1.30	14.11-42.34	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
Sparank	0-2	---	---	30-40	1.35-1.45	1.41-4.23	0.19-0.21	3.0-5.9	1.0-2.0	.32	.32	5	4L	---
	2-60	---	---	35-50	1.50-1.60	0.00-0.42	0.16-0.18	6.0-8.9	---	.37	.37			
San Mateo	0-2	---	---	27-35	1.35-1.45	1.41-4.23	0.19-0.21	3.0-5.9	0.5-0.9	.24	.24	5	4L	---
	2-29	---	---	20-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.32			
	29-60	---	---	18-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.43			
Mespuñ	0-11	---	---	3-8	1.35-1.45	141.14	0.05-0.07	0.0-2.9	0.5-0.7	.17	.17	5	1	---
	11-60	---	---	3-10	1.35-1.45	42.34-141.14	0.05-0.09	0.0-2.9	---	.17	.17			
Palma	0-7	---	---	5-10	1.70-1.75	42.34-141.14	0.06-0.11	0.0-2.9	1.0-2.0	.20	.20	5	2	---
	7-60	---	---	10-20	1.65-1.70	14.11-42.34	0.13-0.17	0.0-2.9	---	.28	.28			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Mikim	0-9	---	---	10-25	1.40-1.45	4.23-14.11	0.16-0.18	0.0-2.9	1.0-3.0	.32	.32	5	5	---
	9-60	---	---	18-32	1.35-1.45	4.23-14.11	0.14-0.16	0.0-2.9	---	.32	.32			
Venadito	0-3	---	---	30-39	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	0.5-1.0	.32	.32	5	4L	---
	3-60	---	---	60-80	1.15-1.25	0.07-0.42	0.14-0.16	6.0-8.9	0.5-1.0	.20	.20			
Mion	0-3	---	---	15-25	1.20-1.30	4.23-14.11	0.10-0.15	0.0-2.9	2.0-4.0	.20	.37	1	8	0
	3-13	---	---	35-55	1.35-1.45	0.00-0.42	0.15-0.21	6.0-8.9	---	.17	.17			
	13-17	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5167:														
Raton	0-9	---	---	20-27	1.20-1.30	1.41-4.23	0.10-0.12	0.0-2.9	2.0-4.0	.20	.37	1	8	0
	9-15	---	---	35-55	1.35-1.45	0.42-1.41	0.08-0.09	6.0-8.9	---	.10	.32			
	15-19	---	---	---	---	---	---	---	---	---	---			
Charo	0-5	---	---	20-27	1.30-1.40	4.23-14.11	0.13-0.15	0.0-2.9	1.0-2.0	.20	.32	2	7	---
	5-28	---	---	35-60	1.35-1.45	0.42-1.41	0.15-0.18	3.0-5.9	---	.28	.28			
	28-32	---	---	---	---	---	---	---	---	---	---			
Lava flows	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Bandera	0-9	---	---	10-15	1.10-1.20	4.23-14.11	0.10-0.15	0.0-2.9	2.0-3.0	.20	.43	1	6	---
	9-16	---	---	10-15	1.10-1.20	4.23-14.11	0.06-0.12	0.0-2.9	1.0-2.0	.10	.32			
	16-60	---	---	0-5	1.00-1.10	141.14	0.01-0.03	0.0-2.9	0.5-1.0	.02	---			
Borrego	0-6	---	---	20-35	1.20-1.30	1.41-4.23	0.13-0.15	3.0-5.9	2.0-4.0	.37	.37	1	6	---
	6-13	---	---	35-45	1.40-1.50	0.00-0.42	0.10-0.12	6.0-8.9	---	.20	.24			
	13-18	---	---	30-35	1.45-1.55	4.23-14.11	0.10-0.12	3.0-5.9	---	.15	.32			
	18-22	---	---	---	---	---	---	---	---	---	---			
s5168:														
Flugle	0-3	---	---	5-10	1.45-1.55	42.34-141.14	0.09-0.10	0.0-2.9	1.0-3.0	.20	.20	5	2	---
	3-25	---	---	20-35	1.45-1.55	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.37			
	25-60	---	---	10-20	1.45-1.55	4.23-14.11	0.11-0.13	0.0-2.9	---	.24	.24			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Catman	0-3	---	---	25-40	1.40-1.50	1.41-4.23	0.14-0.20	3.0-5.9	0.5-0.9	.32	.32	5	4L	---
	3-43	---	---	60-75	1.15-1.25	0.00-0.42	0.13-0.15	6.0-8.9	---	.20	.20			
	43-70	---	---	30-45	1.40-1.50	0.00-0.42	0.15-0.17	3.0-5.9	---	.28	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5168:														
Celacy	0-8	---	---	15-18	1.35-1.45	14.11-42.34	0.11-0.13	0.0-2.9	1.0-3.0	.24	.24	2	3	---
	8-22	---	---	18-35	1.45-1.55	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.37			
	22-28	---	---	18-30	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	---	.32	.37			
	28-32	---	---	---	---	---	---	---	---	---	---			
Quintana	0-11	---	---	10-20	1.40-1.45	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.9	.28	.28	5	3	---
	11-46	---	---	20-35	1.35-1.40	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	46-60	---	---	10-20	1.40-1.45	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.24			
Silkie	0-4	---	---	30-40	1.35-1.45	0.42-1.41	0.19-0.21	3.0-5.9	0.5-0.9	.32	.32	5	6	---
	4-60	---	---	35-55	1.35-1.45	0.00-0.42	0.16-0.18	6.0-8.9	---	.24	.24			
Teco	0-6	---	---	10-20	1.35-1.45	14.11-42.34	0.12-0.14	0.0-2.9	1.0-2.0	.24	.24	5	3	---
	6-36	---	---	35-45	1.45-1.55	1.41-4.23	0.15-0.18	6.0-8.9	---	.37	.37			
	36-60	---	---	15-30	1.45-1.55	14.11-42.34	0.15-0.17	0.0-2.9	---	.28	.43			
Mion	0-4	---	---	20-27	1.30-1.40	4.23-14.11	0.16-0.18	0.0-2.9	1.0-3.0	.37	.37	1	4L	---
	4-14	---	---	38-55	1.35-1.45	0.00-0.42	0.15-0.17	6.0-8.9	---	.32	.32			
	14-18	---	---	---	---	---	---	---	---	---	---			
Vessilla	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.9	.24	.24	1	3	---
	2-11	---	---	8-18	1.50-1.60	14.11-42.34	0.13-0.15	0.0-2.9	0.0-0.5	.28	.28			
	11-15	---	---	---	---	---	---	---	---	---	---			
Atarque	0-2	---	---	10-18	1.40-1.50	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.9	.28	.28	1	3	---
	2-16	---	---	24-35	1.40-1.50	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	16-22	---	---	---	---	---	---	---	---	---	---			
Goesling	0-4	---	---	5-10	1.45-1.55	42.34-141.14	0.09-0.10	0.0-2.9	1.0-3.0	.20	.20	5	2	---
	4-30	---	---	18-35	1.45-1.55	1.41-4.23	0.17-0.19	3.0-5.9	---	.32	.32			
	30-64	---	---	16-30	1.40-1.50	1.41-4.23	0.13-0.15	0.0-2.9	---	.28	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5168:														
Venadito	0-3	---	---	30-39	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	0.5-1.0	.32	.32	5	4L	---
	3-60	---	---	60-80	1.15-1.25	0.07-0.42	0.14-0.16	6.0-8.9	0.5-1.0	.20	.20			
Hickman	0-3	---	---	15-27	1.05-1.15	4.23-14.11	0.15-0.17	0.0-2.9	2.0-4.0	.37	.49	5	5	---
	3-60	---	---	18-35	1.20-1.30	1.41-4.23	0.14-0.16	3.0-5.9	0.0-0.8	.32	.37			
s5169:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Nogal	0-2	---	---	10-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.24	.24	2	3	---
	2-30	---	---	40-60	1.30-1.40	0.42-1.41	0.11-0.17	6.0-8.9	---	.24	.24			
	30-34	---	---	---	---	---	---	---	---	---	---			
Galestina	0-2	---	---	10-19	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.24	3	3	---
	2-7	---	---	15-30	1.25-1.35	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.37			
	7-46	---	---	35-60	1.35-1.50	0.42-1.41	0.16-0.18	6.0-8.9	---	.28	.28			
	46-60	---	---	---	---	---	---	---	---	---	---			
Mion	0-4	---	---	20-27	1.30-1.40	4.23-14.11	0.16-0.18	0.0-2.9	1.0-3.0	.37	.37	1	4L	---
	4-14	---	---	38-55	1.35-1.45	0.00-0.42	0.15-0.17	6.0-8.9	---	.32	.32			
	14-18	---	---	---	---	---	---	---	---	---	---			
Pinitos	0-2	---	---	10-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.24	5	3	---
	2-24	---	---	20-35	1.40-1.50	4.23-14.11	0.17-0.19	3.0-5.9	0.0-0.5	.32	.32			
	24-60	---	---	15-25	1.40-1.50	14.11-42.34	0.13-0.15	0.0-2.9	0.0-0.5	.28	.28			
Vessilla	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.9	.24	.24	1	3	---
	2-11	---	---	8-18	1.50-1.60	14.11-42.34	0.13-0.15	0.0-2.9	0.0-0.5	.28	.28			
	11-15	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5169:														
Ribera	0-9	---	---	12-18	1.30-1.40	4.23-14.11	0.13-0.16	0.0-2.9	0.5-1.0	.28	.28	2	3	---
	9-26	---	---	20-30	1.20-1.30	4.23-14.11	0.16-0.19	0.0-2.9	---	.32	.32			
	26-31	---	---	12-18	1.55-1.65	4.23-14.11	0.13-0.16	0.0-2.9	---	.32	.32			
	31-35	---	---	---	---	---	---	---	---	---	---			
Flugle	0-3	---	---	5-10	1.45-1.55	42.34-141.14	0.09-0.10	0.0-2.9	1.0-3.0	.20	.20	5	2	---
	3-25	---	---	20-35	1.45-1.55	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.37			
	25-60	---	---	10-20	1.45-1.55	4.23-14.11	0.11-0.13	0.0-2.9	---	.24	.24			
Montecito	0-6	---	---	10-20	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.28	.28	5	3	---
	6-19	---	---	35-50	1.35-1.45	1.41-4.23	0.15-0.17	6.0-8.9	---	.32	.32			
	19-30	---	---	35-50	1.35-1.45	1.41-4.23	0.12-0.14	6.0-8.9	---	.15	.28			
	30-45	---	---	16-28	1.40-1.50	14.11-42.34	0.07-0.09	0.0-2.9	---	.10	.24			
	45-60	---	---	16-28	1.20-1.30	14.11-42.34	0.04-0.06	0.0-2.9	---	.05	.24			
Teco	0-6	---	---	10-20	1.35-1.45	14.11-42.34	0.12-0.14	0.0-2.9	1.0-2.0	.24	.24	5	3	---
	6-36	---	---	35-45	1.45-1.55	1.41-4.23	0.15-0.18	6.0-8.9	---	.37	.37			
	36-60	---	---	15-30	1.45-1.55	14.11-42.34	0.15-0.17	0.0-2.9	---	.28	.43			
Catman	0-3	---	---	30-40	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	0.5-0.9	.37	.37	5	4L	---
	3-43	---	---	60-75	1.15-1.25	0.00-0.42	0.13-0.15	6.0-8.9	---	.20	.20			
	43-70	---	---	30-45	1.40-1.50	0.00-0.42	0.15-0.17	3.0-5.9	---	.28	.28			
Hickman	0-3	---	---	15-27	1.05-1.15	4.23-14.11	0.15-0.17	0.0-2.9	2.0-4.0	.37	.49	5	5	---
	3-60	---	---	18-35	1.20-1.30	1.41-4.23	0.14-0.16	3.0-5.9	0.0-0.8	.32	.37			
s5170:														
Teco	0-6	---	---	10-20	1.35-1.45	14.11-42.34	0.12-0.14	0.0-2.9	1.0-2.0	.24	.24	5	3	---
	6-36	---	---	35-45	1.45-1.55	1.41-4.23	0.15-0.18	6.0-8.9	---	.37	.37			
	36-60	---	---	15-30	1.45-1.55	14.11-42.34	0.15-0.17	0.0-2.9	---	.28	.43			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5170:														
Cabezon	0-2	---	---	18-27	1.25-1.40	4.23-14.11	0.09-0.11	0.0-2.9	1.0-2.0	.10	.43	1	8	0
	2-18	---	---	35-60	1.35-1.45	0.42-1.41	0.14-0.17	6.0-8.9	---	.24	.28			
	18-22	---	---	---	---	---	---	---	---	---	---			
Atarque	0-2	---	---	10-18	1.40-1.50	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.9	.28	.28	1	3	---
	2-16	---	---	24-35	1.40-1.50	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	16-22	---	---	---	---	---	---	---	---	---	---			
Montecito	0-3	---	---	27-30	1.35-1.45	4.23-14.11	0.19-0.21	0.0-2.9	0.5-0.9	.32	.37	5	6	---
	3-24	---	---	35-40	1.45-1.55	1.41-4.23	0.19-0.21	3.0-5.9	---	.32	.37			
	24-60	---	---	35-40	1.45-1.55	1.41-4.23	0.15-0.17	3.0-5.9	---	.32	.32			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Torreón	0-2	---	---	15-25	1.10-1.15	4.23-14.11	0.08-0.09	0.0-2.9	1.0-3.0	.10	.37	5	8	0
	2-25	---	---	35-50	1.25-1.30	0.42-1.41	0.14-0.16	6.0-8.9	---	.24	.28			
	25-60	---	---	30-40	1.25-1.30	1.41-4.23	0.19-0.21	3.0-5.9	---	.37	.43			
s5171:														
Cinnadale	0-4	---	---	10-15	1.35-1.45	14.11-42.34	0.12-0.14	0.0-2.9	1.0-2.0	.28	.43	1	4	---
	4-12	---	---	10-15	1.40-1.50	14.11-42.34	0.08-0.10	0.0-2.9	---	.10	.43			
	12-16	---	---	---	---	---	---	---	---	---	---			
Valnor	0-6	---	---	20-35	1.35-1.45	1.41-4.23	0.19-0.21	3.0-5.9	2.0-4.0	.32	.37	2	6	---
	6-12	---	---	20-35	1.45-1.55	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.37			
	12-31	---	---	35-45	1.55-1.65	0.42-1.41	0.14-0.16	6.0-8.9	---	.32	.32			
	31-36	---	---	35-45	1.55-1.65	0.42-1.41	0.14-0.16	6.0-8.9	---	.32	.32			
	36-40	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5171:														
Techado	0-3	---	---	29-39	1.40-1.50	1.41-4.23	0.14-0.16	3.0-5.9	0.5-0.9	.15	.28	1	7	---
	3-16	---	---	40-55	1.40-1.50	0.42-1.41	0.13-0.15	6.0-8.9	---	.20	.24			
	16-20	---	---	---	---	---	---	---	---	---	---			
Kenray	0-15	---	---	5-10	1.40-1.50	42.34-141.14	0.05-0.07	0.0-2.9	0.5-0.9	.17	.17	5	1	---
	15-60	---	---	5-12	1.55-1.65	42.34-141.14	0.06-0.08	0.0-2.9	---	.17	.17			
Mirabal	0-3	---	---	10-18	1.40-1.50	4.23-14.11	0.09-0.10	0.0-2.9	1.0-2.0	.10	.37	2	7	---
	3-14	---	---	10-18	1.40-1.50	4.23-14.11	0.09-0.10	0.0-2.9	---	.10	.37			
	14-21	---	---	20-25	1.25-1.35	4.23-14.11	0.07-0.09	0.0-2.9	---	.10	.37			
	21-25	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Abersito	0-3	---	---	18-26	1.15-1.25	4.23-14.11	0.12-0.14	0.0-2.9	1.0-2.0	.20	.37	2	7	---
	3-9	---	---	10-19	1.40-1.50	14.11-42.34	0.07-0.08	0.0-2.9	0.5-1.0	.10	.37			
	9-24	---	---	40-55	1.40-1.50	0.42-1.41	0.07-0.08	6.0-8.9	0.5-1.0	.05	.20			
	24-28	---	---	---	---	---	---	---	---	---	---			
McGaffey	0-3	---	---	20-27	1.25-1.35	4.23-14.11	0.17-0.19	0.0-2.9	2.0-3.0	.43	.43	5	6	---
	3-60	---	---	20-30	1.40-1.50	4.23-14.11	0.17-0.19	0.0-2.9	---	.37	.37			
Stout	0-3	---	---	10-18	1.50-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.28	1	3	---
	3-14	---	---	10-18	1.50-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.28			
	14-18	---	---	---	---	---	---	---	---	---	---			
Stout	0-3	---	---	10-18	1.50-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.28	1	3	---
	3-14	---	---	10-18	1.50-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.28			
	14-18	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5172:														
Stout	0-3	---	---	10-18	1.50-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.28	1	3	---
	3-14	---	---	10-18	1.50-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.28			
	14-18	---	---	---	---	---	---	---	---	---	---			
Hesperus	0-11	---	---	8-18	1.35-1.40	14.11-42.34	0.12-0.14	0.0-2.9	2.0-4.0	.17	.17	5	3	---
	11-44	---	---	20-35	1.30-1.40	1.41-14.11	0.16-0.19	0.0-2.9	1.0-3.0	.32	.32			
	44-60	---	---	15-35	1.40-1.50	4.23-14.11	0.16-0.19	0.0-2.9	0.0-0.5	.28	.28			
Kiln	0-5	---	---	18-32	1.05-1.15	4.23-14.11	0.10-0.15	0.0-2.9	2.0-3.0	.24	.37	1	7	---
	5-10	---	---	28-35	1.40-1.50	4.23-14.11	0.10-0.15	3.0-5.9	2.0-3.0	.20	.37			
	10-14	---	---	---	---	0.00-0.42	---	---	---	---	---			
s5173:														
Royosa	0-8	---	---	0-6	1.35-1.45	141.14	0.05-0.06	0.0-2.9	1.0-2.0	.10	.10	5	1	---
	8-60	---	---	0-10	1.40-1.50	141.14	0.05-0.08	0.0-2.9	0.0-0.5	.17	.17			
Royosa	0-8	---	---	3-10	1.35-1.45	141.14	0.06-0.08	0.0-2.9	1.0-2.0	.17	.17	5	2	---
	8-60	---	---	0-10	1.40-1.50	141.14	0.05-0.08	0.0-2.9	0.0-0.5	.17	.17			
Telescope	0-3	---	---	3-11	1.40-1.50	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20	4	2	---
	3-19	---	---	5-15	1.45-1.55	14.11-42.34	0.12-0.14	0.0-2.9	---	.28	.28			
	19-45	---	---	5-15	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.28	.28			
	45-55	---	---	3-11	1.45-1.55	42.34-141.14	0.09-0.11	0.0-2.9	---	.20	.28			
s5174:														
Kimbeto	0-3	---	---	5-10	1.55-1.65	42.34-141.14	0.08-0.10	0.0-2.9	0.5-0.8	.20	.20	3	2	---
	3-10	---	---	10-18	1.45-1.55	14.11-42.34	0.12-0.15	0.0-2.9	0.5-0.8	.28	.28			
	10-18	---	---	18-27	1.50-1.60	4.23-14.11	0.13-0.15	0.0-2.9	0.5-0.8	.32	.32			
	18-29	---	---	15-20	1.50-1.60	14.11-42.34	0.10-0.12	0.0-2.9	0.3-0.8	.28	.28			
	29-42	---	---	5-18	1.55-1.65	14.11-42.34	0.05-0.10	0.0-2.9	0.2-0.4	.28	.28			
	42-46	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5174:														
Denazar	0-11	---	---	1-5	1.50-1.60	42.34-141.14	0.05-0.07	0.0-2.9	0.3-0.5	.17	.17	5	1	---
	11-34	---	---	4-10	1.55-1.65	42.34-141.14	0.06-0.09	0.0-2.9	0.2-0.4	.17	.17			
	34-62	---	---	5-12	1.60-1.70	14.11-42.34	0.06-0.11	0.0-2.9	0.2-0.4	.20	.20			
Farb	0-3	---	---	15-20	1.35-1.45	14.11-42.34	0.10-0.12	0.0-2.9	0.5-1.0	.24	.24	1	3	---
	3-11	---	---	15-20	1.35-1.45	14.11-42.34	0.09-0.11	0.0-2.9	---	.15	.20			
	11-15	---	---	---	---	---	---	---	---	---	---			
Tocito	0-6	---	---	18-27	1.20-1.30	4.23-14.11	0.19-0.21	0.0-2.9	0.5-1.0	.43	.43	5	4L	---
	6-12	---	---	27-35	1.40-1.50	1.41-4.23	0.16-0.20	0.0-2.9	0.3-0.5	.32	.32			
	12-16	---	---	27-35	1.40-1.50	1.41-4.23	0.14-0.16	3.0-5.9	0.3-0.5	.37	.37			
	16-28	---	---	18-25	1.40-1.50	4.23-14.11	0.12-0.15	0.0-2.9	0.2-0.5	.43	.43			
	28-70	---	---	20-35	1.45-1.55	1.41-4.23	0.12-0.15	3.0-5.9	0.2-0.4	.43	.43			
Jeddito	0-2	---	---	5-10	1.20-1.30	42.34-141.14	0.08-0.11	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	2-9	---	---	10-15	1.10-1.20	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.24			
	9-27	---	---	10-15	1.35-1.45	14.11-42.34	0.12-0.14	0.0-2.9	---	.20	.20			
	27-60	---	---	10-15	1.10-1.20	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.24			
Tewa	0-1	---	---	15-20	1.15-1.25	4.23-14.11	0.14-0.16	0.0-2.9	0.5-1.0	.37	.37	5	3	---
	1-25	---	---	25-35	1.35-1.45	1.41-4.23	0.15-0.19	0.0-2.9	---	.32	.32			
	25-31	---	---	10-20	1.25-1.35	4.23-14.11	0.13-0.15	0.0-2.9	---	.32	.32			
	31-60	---	---	25-35	1.20-1.30	1.41-4.23	0.15-0.19	0.0-2.9	---	.32	.32			
Huerfano	0-1	---	---	10-20	1.50-1.60	14.11-42.34	0.12-0.14	0.0-2.9	0.2-0.5	.28	.28	1	3	---
	1-11	---	---	27-35	1.50-1.60	1.41-4.23	0.09-0.11	3.0-5.9	0.2-0.4	.32	.32			
	11-18	---	---	27-35	1.35-1.45	1.41-4.23	0.09-0.11	3.0-5.9	0.2-0.4	.32	.32			
	18-22	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5174:														
Shiprock	0-3	---	---	5-10	1.50-1.60	42.34-141.14	0.09-0.10	0.0-2.9	0.4-0.6	.20	.20	5	2	---
	3-36	---	---	15-18	1.55-1.65	14.11-42.34	0.13-0.15	0.0-2.9	0.3-0.5	.28	.28			
	36-66	---	---	10-15	1.50-1.60	14.11-42.34	0.10-0.11	0.0-2.9	0.2-0.4	.28	.28			
Benally	0-4	---	---	4-10	1.45-1.55	42.34-141.14	0.06-0.08	0.0-2.9	0.2-0.4	.17	.17	5	2	---
	4-15	---	---	10-18	1.45-1.55	14.11-42.34	0.12-0.14	0.0-2.9	0.3-0.5	.28	.28			
	15-56	---	---	20-35	1.40-1.50	1.41-4.23	0.11-0.14	3.0-5.9	0.3-0.5	.32	.32			
	56-64	---	---	4-10	1.45-1.55	42.34-141.14	0.03-0.05	0.0-2.9	0.2-0.4	.17	.17			
Werito	0-3	---	---	18-27	1.25-1.35	4.23-14.11	0.14-0.17	0.0-2.9	0.4-0.6	.37	.37	2	4L	---
	3-7	---	---	27-40	1.40-1.50	1.41-4.23	0.16-0.20	3.0-5.9	0.4-0.6	.32	.32			
	7-17	---	---	35-40	1.40-1.50	0.42-1.41	0.16-0.20	3.0-5.9	0.4-0.6	.32	.32			
	17-22	---	---	35-55	1.40-1.50	0.42-1.41	0.10-0.14	3.0-5.9	0.3-0.5	.24	.24			
	22-34	---	---	35-55	1.50-1.60	0.42-1.41	0.11-0.15	3.0-5.9	0.3-0.5	.24	.24			
	34-38	---	---	---	---	---	---	---	---	---	---			
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Brimhall	0-2	---	---	4-8	1.50-1.60	42.34-141.14	0.08-0.09	0.0-2.9	0.2-0.6	.20	.20	3	2	---
	2-21	---	---	8-18	1.50-1.60	14.11-42.34	0.12-0.15	0.0-2.9	0.2-0.4	.28	.28			
	21-29	---	---	8-18	1.50-1.60	14.11-42.34	0.12-0.15	0.0-2.9	0.2-0.4	.28	.28			
	29-49	---	---	---	1.50-1.60	14.11-42.34	0.07-0.09	0.0-2.9	0.2-0.4	.15	.28			
	49-53	---	---	---	---	---	---	---	---	---	---			
Genats	0-4	---	---	5-10	1.45-1.55	42.34-141.14	0.07-0.08	0.0-2.9	0.2-0.6	.10	.17	2	2	---
	4-13	---	---	35-55	1.45-1.55	0.42-1.41	0.14-0.16	3.0-5.9	0.4-0.6	.24	.28			
	13-27	---	---	35-55	1.45-1.55	0.42-1.41	0.08-0.11	3.0-5.9	0.3-0.5	.24	.28			
	27-31	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5174:														
Nakai	0-18	---	---	3-10	1.45-1.55	42.34-141.14	0.07-0.09	0.0-2.9	0.5-1.0	.28	.28	5	2	---
	18-34	---	---	8-18	1.50-1.60	14.11-42.34	0.10-0.18	0.0-2.9	0.0-0.5	.43	.43			
	34-60	---	---	5-10	1.55-1.65	42.34-141.14	0.08-0.11	0.0-2.9	0.0-0.5	.28	.28			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Benally	0-2	---	---	20-25	1.30-1.40	4.23-14.11	0.12-0.14	0.0-2.9	0.2-0.6	.32	.32	3	5	---
	2-18	---	---	25-35	1.40-1.50	0.42-1.41	0.04-0.08	3.0-5.9	---	.32	.32			
	18-45	---	---	20-30	1.40-1.50	4.23-14.11	0.06-0.08	0.0-2.9	---	.32	.32			
	45-49	---	---	---	---	---	---	---	---	---	---			
Mack	0-3	---	---	5-17	1.30-1.50	4.23-42.34	0.12-0.17	0.0-2.9	1.0-3.0	.32	.32	5	4L	---
	3-16	---	---	18-33	1.20-1.40	1.41-14.11	0.16-0.19	3.0-5.9	---	.43	.43			
	16-60	---	---	5-19	1.20-1.30	4.23-42.34	0.13-0.17	0.0-2.9	---	.49	.49			
Mesa	0-4	---	---	15-20	1.35-1.45	4.23-14.11	0.14-0.17	0.0-2.9	0.5-1.0	.49	.49	5	3	---
	4-14	---	---	25-30	1.25-1.40	1.41-14.11	0.17-0.20	3.0-5.9	---	.28	.28			
	14-20	---	---	25-30	1.25-1.40	4.23-14.11	0.14-0.17	3.0-5.9	---	.28	.28			
	20-60	---	---	25-30	1.25-1.40	4.23-14.11	0.08-0.12	0.0-2.9	---	.10	.28			
Suwanee	0-7	---	---	18-27	1.20-1.30	4.23-14.11	0.15-0.18	0.0-2.9	1.0-2.0	.43	.43	5	4L	---
	7-60	---	---	18-35	1.25-1.35	1.41-4.23	0.12-0.18	3.0-5.9	---	.43	.43			
Notal	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.09-0.11	3.0-5.9	0.5-0.7	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.08-0.10	6.0-8.9	---	.24	.24			
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5175:														
Fruitland	0-7	---	---	5-10	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.8	.28	.28	5	3	---
	7-60	---	---	5-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.0-0.5	.28	.28			
Turley	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.18-0.20	3.0-5.9	0.5-0.6	.32	.32	5	4L	---
	3-57	---	---	18-35	1.40-1.50	1.41-4.23	0.18-0.20	3.0-5.9	---	.37	.37			
	57-80	---	---	28-35	1.45	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
Garland	0-4	---	---	20-27	1.15-1.25	4.23-14.11	0.16-0.18	0.0-2.9	0.5-1.0	.32	.32	2	6	---
	4-21	---	---	27-35	1.25-1.35	4.23-14.11	0.19-0.21	3.0-5.9	0.0-0.5	.37	.37			
	21-30	---	---	20-30	1.25-1.35	4.23-14.11	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
	30-60	---	---	3-5	1.45-1.55	42.34-141.14	0.03-0.05	0.0-2.9	0.0-0.5	.02	.10			
Walrees	0-6	---	---	18-27	1.30-1.40	4.23-14.11	0.13-0.17	0.0-2.9	1.0-2.0	.37	.37	5	4L	---
	6-30	---	---	18-35	1.40-1.50	1.41-4.23	0.13-0.19	0.0-2.9	0.5-1.0	.49	.49			
	30-81	---	---	0-15	1.40-1.50	141.14	0.07-0.13	0.0-2.9	0.0-0.8	.10	---			
Apishapa	0-8	---	---	30-40	1.25-1.35	1.41-4.23	0.14-0.18	3.0-5.9	1.0-2.0	.20	.20	5	4	---
	8-60	---	---	35-60	1.30-1.35	0.42-1.41	0.10-0.14	6.0-8.9	---	.24	.24			
Werlog	0-6	---	---	18-27	1.40-1.50	4.23-14.11	0.13-0.17	0.0-2.9	0.9-1.0	.37	.37	5	6	---
	6-60	---	---	18-35	1.40-1.50	1.41-4.23	0.15-0.19	3.0-5.9	0.0-0.5	.32	.32			
	60-81	---	---	0-10	1.40-1.50	141.14	0.03-0.06	0.0-2.9	0.0-0.5	.10	.15			
Green River	0-6	---	---	10-18	1.30-1.40	14.11-42.34	0.08-0.12	0.0-2.9	1.0-2.0	.24	.24	5	3	---
	6-60	---	---	15-18	1.25-1.35	4.23-14.11	0.09-0.12	0.0-2.9	---	.28	.28			
Youngston	0-10	---	---	28-35	---	1.41-4.23	0.19-0.21	3.0-5.9	0.6-0.9	.32	.32	5	6	---
	10-60	---	---	18-35	---	1.41-4.23	0.16-0.19	3.0-5.9	---	.32	.32			
s5177:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5177:														
Travessilla	0-2	---	---	15-20	1.45-1.55	14.11-42.34	0.08-0.13	0.0-2.9	0.4-0.6	.28	.28	1	3	---
	2-12	---	---	15-27	1.45-1.55	14.11-42.34	0.08-0.17	0.0-2.9	---	.37	.37			
	12-16	---	---	---	---	---	---	---	---	---	---			
Weska	0-1	---	---	28-35	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	0.5-0.7	.37	.37	1	6	---
	1-7	---	---	28-35	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	---	.37	.37			
	7-11	---	---	---	---	---	---	---	---	---	---			
Oelop	0-3	---	---	18-27	1.15-1.25	4.23-14.11	0.19-0.21	0.0-2.9	1.0-2.0	.43	.43	5	6	---
	3-44	---	---	18-35	1.45-1.55	1.41-4.23	0.17-0.20	3.0-5.9	0.0-0.5	.37	.37			
	44-60	---	---	10-17	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.0-0.5	.24	.24			
Blancot	0-2	---	---	15-26	1.20-1.30	4.23-14.11	0.13-0.19	0.0-2.9	0.0-0.7	.43	.43	5	6	---
	2-15	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.19	3.0-5.9	---	.37	.37			
	15-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.19	3.0-5.9	---	.32	.32			
Notal	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.09-0.11	3.0-5.9	0.5-0.7	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.08-0.10	6.0-8.9	---	.24	.24			
Twick	0-4	---	---	28-35	1.40-1.50	1.41-4.23	0.15-0.19	3.0-5.9	1.0-2.0	.20	.37	1	5	---
	4-17	---	---	35-60	1.30-1.40	0.42-1.41	0.13-0.17	6.0-8.9	---	.28	.28			
	17-21	---	---	---	---	---	---	---	---	---	---			
Silver	0-4	---	---	30-40	---	1.41-4.23	0.14-0.16	3.0-5.9	1.0-2.0	.20	.37	5	4	---
	4-60	---	---	35-50	---	0.42-1.41	0.15-0.17	6.0-8.9	---	.32	.32			
	60-70	---	---	30-40	---	1.41-4.23	0.14-0.16	3.0-5.9	---	.15	.28			
s5179:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5179:														
Persayo	0-4	---	---	27-35	1.35-1.45	1.41-4.23	0.15-0.17	3.0-5.9	0.5-1.0	.37	.37	1	8	0
	4-14	---	---	20-35	1.25-1.35	1.41-4.23	0.17-0.19	3.0-5.9	---	.37	.37			
	14-18	---	---	---	---	0.00-1.41	---	---	---	---	---			
Farb	0-7	---	---	15-20	1.45-1.55	14.11-42.34	0.08-0.13	0.0-2.9	0.0-0.7	.28	.28	1	3	---
	7-10	---	---	10-20	1.45-1.55	14.11-42.34	0.06-0.13	0.0-2.9	0.0-0.5	.24	.24			
	10-14	---	---	---	---	---	---	---	---	---	---			
Blancot	0-2	---	---	15-26	1.20-1.30	4.23-14.11	0.13-0.19	0.0-2.9	0.0-0.7	.43	.43	5	6	---
	2-15	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.19	3.0-5.9	---	.37	.37			
	15-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.19	3.0-5.9	---	.32	.32			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Blackston	0-14	---	---	15-25	---	4.23-14.11	0.11-0.14	0.0-2.9	0.5-1.0	.10	.17	3	8	0
	14-28	---	---	15-25	---	4.23-14.11	0.07-0.10	0.0-2.9	---	.10	.28			
	28-60	---	---	0-5	---	42.34-141.14	0.03-0.06	0.0-2.9	---	.10	.28			
Fruitland	0-7	---	---	5-10	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.8	.28	.28	5	3	---
	7-60	---	---	5-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.0-0.5	.28	.28			
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
Stumble	0-5	---	---	0-10	---	42.34-141.14	0.06-0.08	0.0-2.9	---	.17	.17	5	2	---
	5-29	---	---	0-10	---	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
	29-49	---	---	0-5	---	42.34-141.14	0.04-0.06	0.0-2.9	---	.10	.24			
	49-81	---	---	0-10	---	42.34-141.14	0.06	0.0-2.9	---	.15	.15			
Notal	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.09-0.11	3.0-5.9	0.5-0.7	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.08-0.10	6.0-8.9	---	.24	.24			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5179:														
Riverwash	0-3	---	---	7-15	---	4.23-14.11	0.13-0.14	0.0-2.9	0.0-0.1	---	---	---	5	---
	3-60	---	---	3-10	---	14.11-42.34	0.07-0.09	0.0-2.9	---	---	---			
Shiprock	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	2-60	---	---	10-18	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	---	.28	.28			
s5180:														
Doak	0-5	---	---	15-27	1.20-1.30	4.23-14.11	0.15-0.17	0.0-2.9	0.5-0.6	.37	.37	5	5	---
	5-43	---	---	25-35	1.45-1.55	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
	43-69	---	---	25-35	1.40-1.50	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
Shiprock	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	2-60	---	---	10-18	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	---	.28	.28			
Blancot	0-2	---	---	15-26	1.20-1.30	4.23-14.11	0.13-0.19	0.0-2.9	0.0-0.7	.43	.43	5	6	---
	2-15	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.19	3.0-5.9	---	.37	.37			
	15-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.19	3.0-5.9	---	.32	.32			
Fruitland	0-7	---	---	5-10	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.8	.28	.28	5	3	---
	7-60	---	---	5-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.0-0.5	.28	.28			
Notal	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.09-0.11	3.0-5.9	0.5-0.7	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.08-0.10	6.0-8.9	---	.24	.24			
Persayo	0-4	---	---	27-35	1.35-1.45	1.41-4.23	0.15-0.17	3.0-5.9	0.5-1.0	.37	.37	1	8	0
	4-14	---	---	20-35	1.25-1.35	1.41-4.23	0.17-0.19	3.0-5.9	---	.37	.37			
	14-18	---	---	---	---	0.00-1.41	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5180:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Stumble	0-5	---	---	0-10	---	42.34-141.14	0.06-0.08	0.0-2.9	---	.17	.17	5	2	---
	5-29	---	---	0-10	---	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
	29-49	---	---	0-5	---	42.34-141.14	0.04-0.06	0.0-2.9	---	.10	.24			
	49-81	---	---	0-10	---	42.34-141.14	0.06	0.0-2.9	---	.15	.15			
s5181:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
Monierco	0-5	---	---	10-20	1.45-1.55	14.11-42.34	0.08-0.13	0.0-2.9	0.7-0.9	.28	.28	1	3	---
	5-16	---	---	18-35	1.40-1.50	1.41-4.23	0.13-0.19	3.0-5.9	---	.37	.37			
	16-20	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Fruitland	0-7	---	---	5-10	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.8	.28	.28	5	3	---
	7-60	---	---	5-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.0-0.5	.28	.28			
Huerfano	0-2	---	---	15-25	1.55-1.65	4.23-14.11	0.15-0.17	3.0-5.9	0.5-8.0	.37	.37	1	5	---
	2-15	---	---	28-35	1.40-1.50	1.41-4.23	0.15-0.19	3.0-5.9	---	.32	.32			
	15-19	---	---	---	---	---	---	---	---	---	---			
Notal	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.09-0.11	3.0-5.9	0.5-0.7	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.08-0.10	6.0-8.9	---	.24	.24			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5181:														
Avalon	0-11	---	---	15-20	1.40-1.50	4.23-14.11	0.16-0.18	0.0-2.9	0.5-1.0	.43	.43	3	4L	---
	11-42	---	---	18-35	1.40-1.50	4.23-14.11	0.15-0.17	3.0-5.9	---	.43	---			
	42-60	---	---	5-15	1.50-1.65	14.11-42.34	0.10-0.12	0.0-2.9	---	.32	.37			
Doak	0-5	---	---	15-27	1.20-1.30	4.23-14.11	0.15-0.17	0.0-2.9	0.5-0.6	.37	.37	5	5	---
	5-43	---	---	25-35	1.45-1.55	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
	43-69	---	---	25-35	1.40-1.50	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
Persayo	0-4	---	---	27-35	1.35-1.45	1.41-4.23	0.15-0.17	3.0-5.9	0.5-1.0	.37	.37	1	8	0
	4-14	---	---	20-35	1.25-1.35	1.41-4.23	0.17-0.19	3.0-5.9	---	.37	.37			
	14-18	---	---	---	---	0.00-1.41	---	---	---	---	---			
Blancot	0-2	---	---	15-26	1.20-1.30	4.23-14.11	0.13-0.19	0.0-2.9	0.0-0.7	.43	.43	5	6	---
	2-15	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.19	3.0-5.9	---	.37	.37			
	15-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.19	3.0-5.9	---	.32	.32			
Shiprock	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	2-60	---	---	10-18	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	---	.28	.28			
Uffens	0-9	---	---	10-20	1.30-1.40	14.11-42.34	0.08-0.14	0.0-2.9	0.5-1.0	.20	.20	1	3	---
	9-20	---	---	25-35	1.20-1.30	1.41-4.23	0.05-0.10	3.0-5.9	---	.32	.32			
	20-60	---	---	20-30	1.20-1.35	1.41-4.23	0.05-0.10	3.0-5.9	---	.28	.28			
s5182:														
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
Huerfano	0-2	---	---	15-25	1.55-1.65	4.23-14.11	0.15-0.17	3.0-5.9	0.5-8.0	.37	.37	1	5	---
	2-15	---	---	28-35	1.40-1.50	1.41-4.23	0.15-0.19	3.0-5.9	---	.32	.32			
	15-19	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5182:														
Notal	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.09-0.11	3.0-5.9	0.5-0.7	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.08-0.10	6.0-8.9	---	.24	.24			
Shiprock	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	2-60	---	---	10-18	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	---	.28	.28			
Muff	0-5	---	---	5-15	1.25-1.35	4.23-14.11	0.13-0.15	0.0-2.9	0.5-1.0	.32	.32	2	3	---
	5-19	---	---	20-35	1.20-1.35	0.42-1.41	0.04-0.16	3.0-5.9	0.0-0.5	.37	.37			
	19-30	---	---	20-30	1.25-1.40	1.41-4.23	0.12-0.14	3.0-5.9	0.0-0.5	.32	.32			
	30-34	---	---	---	---	---	---	---	---	---	---			
Blancot	0-2	---	---	15-26	1.20-1.30	4.23-14.11	0.13-0.19	0.0-2.9	0.0-0.7	.43	.43	5	6	---
	2-15	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.19	3.0-5.9	---	.37	.37			
	15-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.19	3.0-5.9	---	.32	.32			
Avalon	0-11	---	---	5-15	1.50-1.60	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.37	.37	3	3	---
	11-42	---	---	18-35	1.40-1.50	4.23-14.11	0.15-0.17	3.0-5.9	---	.43	---			
	42-60	---	---	5-15	1.50-1.65	14.11-42.34	0.10-0.12	0.0-2.9	---	.32	.37			
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Doak	0-5	---	---	15-27	1.20-1.30	4.23-14.11	0.15-0.17	0.0-2.9	0.5-0.6	.37	.37	5	5	---
	5-43	---	---	25-35	1.45-1.55	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
	43-69	---	---	25-35	1.40-1.50	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
Uffens	0-9	---	---	10-20	1.30-1.40	14.11-42.34	0.08-0.14	0.0-2.9	0.5-1.0	.20	.20	1	3	---
	9-20	---	---	25-35	1.20-1.30	1.41-4.23	0.05-0.10	3.0-5.9	---	.32	.32			
	20-60	---	---	20-30	1.20-1.35	1.41-4.23	0.05-0.10	3.0-5.9	---	.28	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5182:														
Monierco	0-5	---	---	10-20	1.45-1.55	14.11-42.34	0.08-0.13	0.0-2.9	0.7-0.9	.28	.28	1	3	---
	5-16	---	---	18-35	1.40-1.50	1.41-4.23	0.13-0.19	3.0-5.9	---	.37	.37			
	16-20	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
s5183:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Riverwash	0-3	---	---	7-15	---	4.23-14.11	0.13-0.14	0.0-2.9	0.0-0.1	---	---	---	5	---
	3-60	---	---	3-10	---	14.11-42.34	0.07-0.09	0.0-2.9	---	---	---			
Blancot	0-2	---	---	15-26	1.20-1.30	4.23-14.11	0.13-0.19	0.0-2.9	0.0-0.7	.43	.43	5	6	---
	2-15	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.19	3.0-5.9	---	.37	.37			
	15-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.19	3.0-5.9	---	.32	.32			
Notal	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.09-0.11	3.0-5.9	0.5-0.7	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.08-0.10	6.0-8.9	---	.24	.24			
s5184:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Fruitland	0-7	---	---	5-10	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.8	.28	.28	5	3	---
	7-60	---	---	5-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.0-0.5	.28	.28			
Blancot	0-2	---	---	15-26	1.20-1.30	4.23-14.11	0.13-0.19	0.0-2.9	0.0-0.7	.43	.43	5	6	---
	2-15	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.19	3.0-5.9	---	.37	.37			
	15-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.19	3.0-5.9	---	.32	.32			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5184:														
Persayo	0-4	---	---	27-35	1.35-1.45	1.41-4.23	0.15-0.17	3.0-5.9	0.5-1.0	.37	.37	1	8	0
	4-14	---	---	20-35	1.25-1.35	1.41-4.23	0.17-0.19	3.0-5.9	---	.37	.37			
	14-18	---	---	---	---	0.00-1.41	---	---	---	---	---			
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
Notal	0-3	---	---	28-35	1.40-1.50	1.41-4.23	0.09-0.11	3.0-5.9	0.5-0.7	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.08-0.10	6.0-8.9	---	.24	.24			
s5185:														
Shiprock	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	2-60	---	---	10-18	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	---	.28	.28			
Avalon	0-11	---	---	5-15	1.50-1.60	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.37	.37	3	3	---
	11-42	---	---	18-35	1.40-1.50	4.23-14.11	0.15-0.17	3.0-5.9	---	.43	---			
	42-60	---	---	5-15	1.50-1.65	14.11-42.34	0.10-0.12	0.0-2.9	---	.32	.37			
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
Mayqueen	0-3	---	---	5-10	1.40-1.50	42.34-141.14	0.06-0.10	0.0-2.9	0.0-0.5	.20	.20	5	2	---
	3-12	---	---	8-18	1.45-1.55	14.11-42.34	0.10-0.14	0.0-2.9	---	.28	.28			
	12-60	---	---	5-10	1.40-1.50	42.34-141.14	0.07-0.10	0.0-2.9	---	.20	.20			
Doak	0-5	---	---	15-27	1.20-1.30	4.23-14.11	0.15-0.17	0.0-2.9	0.5-0.6	.37	.37	5	5	---
	5-43	---	---	25-35	1.45-1.55	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
	43-69	---	---	25-35	1.40-1.50	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5186:														
Doak	0-5	---	---	15-27	1.20-1.30	4.23-14.11	0.15-0.17	0.0-2.9	0.5-0.6	.37	.37	5	5	---
	5-43	---	---	25-35	1.45-1.55	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
	43-69	---	---	25-35	1.40-1.50	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
Uffens	0-9	---	---	10-20	1.30-1.40	14.11-42.34	0.08-0.14	0.0-2.9	0.5-1.0	.20	.20	1	3	---
	9-20	---	---	25-35	1.20-1.30	1.41-4.23	0.05-0.10	3.0-5.9	---	.32	.32			
	20-60	---	---	20-30	1.20-1.35	1.41-4.23	0.05-0.10	3.0-5.9	---	.28	.28			
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
Shiprock	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	2-60	---	---	10-18	1.45-1.55	14.11-42.34	0.09-0.12	0.0-2.9	---	.28	.28			
Avalon	0-11	---	---	5-15	1.50-1.60	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.37	.37	3	3	---
	11-42	---	---	18-35	1.40-1.50	4.23-14.11	0.15-0.17	3.0-5.9	---	.43	---			
	42-60	---	---	5-15	1.50-1.65	14.11-42.34	0.10-0.12	0.0-2.9	---	.32	.37			
Mayqueen	0-3	---	---	5-10	1.40-1.50	42.34-141.14	0.06-0.10	0.0-2.9	0.0-0.5	.20	.20	5	2	---
	3-12	---	---	8-18	1.45-1.55	14.11-42.34	0.10-0.14	0.0-2.9	---	.28	.28			
	12-60	---	---	5-10	1.40-1.50	42.34-141.14	0.07-0.10	0.0-2.9	---	.20	.20			
Fruitland	0-7	---	---	5-10	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.8	.28	.28	5	3	---
	7-60	---	---	5-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.0-0.5	.28	.28			
Huerfano	0-2	---	---	15-25	1.55-1.65	4.23-14.11	0.15-0.17	3.0-5.9	0.5-8.0	.37	.37	1	5	---
	2-15	---	---	28-35	1.40-1.50	1.41-4.23	0.15-0.19	3.0-5.9	---	.32	.32			
	15-19	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5186:														
Monierco	0-5	---	---	10-20	1.45-1.55	14.11-42.34	0.08-0.13	0.0-2.9	0.7-0.9	.28	.28	1	3	---
	5-16	---	---	18-35	1.40-1.50	1.41-4.23	0.13-0.19	3.0-5.9	---	.37	.37			
	16-20	---	---	---	---	---	---	---	---	---	---			
s5187:														
Gobernador	0-2	---	---	28-35	1.30-1.40	1.41-4.23	0.10-0.11	3.0-5.9	1.0-2.0	.37	.37	5	4L	---
	2-60	---	---	40-50	1.35-1.45	0.42-1.41	0.07-0.08	6.0-8.9	0.0-0.5	.24	.24			
Orlie	0-2	---	---	15-20	1.15-1.25	1.41-4.23	0.11-0.14	0.0-2.9	2.0-3.0	.28	.32	5	3	---
	2-22	---	---	28-35	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	0.7-0.9	.37	.37			
	22-60	---	---	28-35	1.40-1.50	1.41-4.23	0.16-0.20	3.0-5.9	0.0-0.5	.37	.37			
Sparham	0-4	---	---	35-39	1.30-1.45	1.41-4.23	0.19-0.21	3.0-5.9	0.7-0.9	.32	.32	5	4L	---
	4-41	---	---	40-50	1.35-1.50	0.00-0.42	0.14-0.16	6.0-8.9	0.0-0.5	.20	.20			
	41-54	---	---	40-50	1.30-1.40	0.42-1.41	0.15-0.17	6.0-8.9	0.0-0.5	.32	.32			
	54-60	---	---	10-20	1.50-1.60	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.24			
s5188:														
Sparank	0-2	---	---	20-27	1.10-1.20	4.23-14.11	0.10-0.12	0.0-2.9	1.0-2.0	.43	.43	5	4L	---
	2-60	---	---	35-50	1.35-1.45	0.00-0.42	0.10-0.12	6.0-8.9	0.0-0.5	.37	.37			
Pinavetes	0-10	---	---	3-10	1.40-1.50	42.34-141.14	0.06-0.08	0.0-2.9	0.5-1.0	.17	.17	5	2	---
	10-60	---	---	7-15	1.40-1.50	42.34-141.14	0.05-0.07	0.0-2.9	0.0-0.8	.20	.20			
San Mateo	0-2	---	---	30-40	1.35-1.45	1.41-4.23	0.19-0.21	3.0-5.9	0.5-0.9	.37	.37	5	4L	---
	2-29	---	---	20-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.32			
	29-60	---	---	18-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.43			
Florida	0-4	---	---	15-20	1.35-1.45	14.11-42.34	0.08-0.13	0.0-2.9	1.0-3.0	.24	.24	5	3	---
	4-43	---	---	5-20	1.45-1.55	14.11-42.34	0.10-0.13	0.0-2.9	---	.20	.20			
	43-60	---	---	0-5	1.40-1.50	42.34-141.14	0.03-0.05	0.0-2.9	---	.20	.20			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5188:														
Riverwash	0-3	---	---	7-15	---	4.23-14.11	0.13-0.14	0.0-2.9	0.0-0.1	---	---	---	5	---
	3-60	---	---	3-10	---	14.11-42.34	0.07-0.09	0.0-2.9	---	---	---			
s5189:														
Penistaja	0-4	---	---	10-20	1.35-1.45	4.23-14.11	0.13-0.15	0.0-2.9	0.8-2.0	.28	.28	5	3	---
	4-28	---	---	20-30	1.40-1.50	4.23-14.11	0.15-0.18	0.0-2.9	0.0-0.5	.32	.32			
	28-60	---	---	15-25	1.20-1.30	14.11-42.34	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
Sedale	0-2	---	---	5-18	1.45-1.55	14.11-42.34	0.10-0.15	0.0-2.9	0.5-0.9	.28	.28	1	3	---
	2-8	---	---	5-18	1.45-1.55	14.11-42.34	0.10-0.15	0.0-2.9	---	.32	.32			
	8-15	---	---	---	---	---	---	---	---	---	---			
	15-19	---	---	---	---	---	---	---	---	---	---			
Menefee	0-2	---	---	30-35	1.15-1.25	1.41-4.23	0.17-0.19	3.0-5.9	2.0-3.0	.37	.37	1	4L	---
	2-14	---	---	20-35	1.15-1.25	0.42-1.41	0.16-0.19	3.0-5.9	---	.37	.37			
	14-18	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Hosta	0-8	---	---	30-40	1.20-1.35	1.41-4.23	0.18-0.20	3.0-5.9	1.0-3.0	.32	.32	5	6	---
	8-46	---	---	35-55	1.30-1.50	0.42-1.41	0.14-0.16	6.0-8.9	---	.20	.20			
	46-60	---	---	30-50	1.50-1.60	0.42-1.41	0.12-0.16	6.0-8.9	---	.37	.37			
s5192:														
Pinitos	0-2	---	---	15-25	1.45-1.55	4.23-14.11	0.16-0.18	0.0-2.9	0.5-0.9	.37	.37	5	4	---
	2-24	---	---	20-35	1.40-1.50	4.23-14.11	0.17-0.19	3.0-5.9	0.0-0.5	.32	.32			
	24-60	---	---	15-25	1.40-1.50	14.11-42.34	0.13-0.15	0.0-2.9	0.0-0.5	.28	.28			
Royosa	0-8	---	---	0-6	1.35-1.45	141.14	0.06-0.07	0.0-2.9	1.0-2.0	.17	.17	5	1	---
	8-60	---	---	0-10	1.40-1.50	141.14	0.05-0.08	0.0-2.9	0.0-0.5	.17	.17			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5193:														
Lybrook	0-5	---	---	28-35	1.40-1.50	1.41-4.23	0.14-0.18	3.0-5.9	0.2-0.5	.32	.32	5	4L	---
	5-30	---	---	35-45	1.55-1.65	0.42-1.41	0.14-0.18	3.0-5.9	---	.32	.32			
	30-60	---	---	35-45	1.40-1.50	0.42-1.41	0.10-0.12	3.0-5.9	---	.32	.32			
Tsosie	0-2	---	---	15-20	1.30-1.40	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.9	.28	.28	5	3	---
	2-26	---	---	18-35	1.45-1.55	1.41-4.23	0.14-0.17	3.0-5.9	---	.37	.37			
	26-36	---	---	20-35	1.45-1.55	4.23-14.11	0.11-0.14	3.0-5.9	---	.32	.32			
	36-60	---	---	18-35	1.30-1.45	4.23-14.11	0.10-0.15	3.0-5.9	---	.32	.43			
s5194:														
Nalivag	0-3	---	---	15-27	1.35-1.45	4.23-14.11	0.16-0.18	0.0-2.9	0.5-1.0	.37	.37	5	6	---
	3-60	---	---	20-35	1.45-1.55	1.41-4.23	0.17-0.20	3.0-5.9	0.5-1.0	.32	.32			
Ruson	0-2	---	---	20-26	1.00-1.15	4.23-14.11	0.19-0.21	0.0-2.9	1.0-2.0	.43	.49	5	4L	---
	2-19	---	---	35-40	1.40-1.50	1.41-4.23	0.17-0.19	3.0-5.9	0.0-0.5	.37	.37			
	19-60	---	---	40-50	1.40-1.50	0.42-1.41	0.13-0.15	6.0-8.9	0.0-0.5	.24	.28			
s5197:														
Berryman	0-3	---	---	18-26	1.15-1.25	4.23-14.11	0.19-0.21	0.0-2.9	1.0-2.0	.43	.43	5	4L	---
	3-60	---	---	18-35	1.45-1.55	0.42-1.41	0.18-0.20	3.0-5.9	0.0-0.5	.37	.37			
Menefee	0-2	---	---	30-35	1.15-1.25	1.41-4.23	0.17-0.19	3.0-5.9	2.0-3.0	.37	.37	1	4L	---
	2-14	---	---	20-35	1.15-1.25	0.42-1.41	0.16-0.19	3.0-5.9	---	.37	.37			
	14-18	---	---	---	---	---	---	---	---	---	---			
Calendar	0-2	---	---	20-26	1.15-1.25	4.23-14.11	0.11-0.13	0.0-2.9	1.0-2.0	.20	.43	2	5	---
	2-17	---	---	40-45	1.40-1.50	0.42-1.41	0.13-0.15	6.0-8.9	0.0-0.5	.20	.24			
	17-35	---	---	40-45	1.40-1.50	0.42-1.41	0.13-0.15	6.0-8.9	0.0-0.5	.20	.24			
	35-39	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5213:														
Armijo	0-11	---	---	40-50	1.40-1.50	0.42-1.41	0.05-0.07	6.0-8.9	0.7-0.9	.20	.20	5	5	---
	11-33	---	---	40-50	1.40-1.50	0.00-0.42	0.05-0.08	6.0-8.9	---	.32	.32			
	33-60	---	---	30-45	1.40-1.50	0.42-1.41	0.05-0.09	6.0-8.9	---	.32	.32			
Tome	0-5	---	---	18-25	1.30-1.40	1.41-4.23	0.10-0.12	0.0-2.9	1.0-2.0	.37	.37	5	4L	---
	5-42	---	---	18-30	1.40-1.50	0.42-1.41	0.11-0.13	3.0-5.9	---	.37	.37			
	42-60	---	---	15-20	1.40-1.50	4.23-14.11	0.09-0.11	0.0-2.9	---	.55	.55			
Bluepoint	0-9	---	---	2-6	1.45-1.65	42.34-141.14	0.06-0.10	0.0-2.9	0.0-0.5	.17	.17	5	2	---
	9-24	---	---	2-6	1.50-1.65	42.34-141.14	0.05-0.08	0.0-2.9	---	.10	.28			
	24-41	---	---	2-6	1.50-1.65	42.34-141.14	0.05-0.09	0.0-2.9	---	.17	.17			
	41-60	---	---	2-10	1.50-1.65	14.11-42.34	0.05-0.14	0.0-2.9	---	.24	.24			
Tome	0-5	---	---	27-30	1.30-1.40	0.42-1.41	0.11-0.13	3.0-5.9	1.0-2.0	.37	.37	5	4L	---
	5-42	---	---	18-30	1.40-1.50	0.42-1.41	0.11-0.13	3.0-5.9	---	.37	.37			
	42-60	---	---	15-20	1.40-1.50	4.23-14.11	0.09-0.11	0.0-2.9	---	.55	.55			
Adelino	0-4	---	---	15-25	1.20-1.30	4.23-14.11	0.07-0.09	0.0-2.9	0.4-0.8	.37	.37	5	3	---
	4-38	---	---	20-35	1.40-1.50	4.23-14.11	0.09-0.11	3.0-5.9	---	.37	.37			
	38-60	---	---	15-25	1.20-1.30	14.11-42.34	0.07-0.09	0.0-2.9	---	.32	.32			
Adelino	0-4	---	---	5-10	1.40-1.50	14.11-42.34	0.07-0.09	0.0-2.9	0.3-0.6	.17	.17	5	2	---
	4-38	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.18	3.0-5.9	---	.37	.37			
	38-60	---	---	15-25	1.20-1.30	4.23-14.11	0.11-0.16	0.0-2.9	---	.32	.32			
s5224:														
Penistaja	0-4	---	---	10-20	1.35-1.45	4.23-14.11	0.13-0.15	0.0-2.9	0.8-2.0	.28	.28	5	3	---
	4-28	---	---	20-30	1.40-1.50	4.23-14.11	0.15-0.18	0.0-2.9	0.0-0.5	.32	.32			
	28-60	---	---	15-25	1.20-1.30	14.11-42.34	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5224:														
Silver	0-3	---	---	15-25	1.15-1.25	4.23-14.11	0.14-0.16	0.0-2.9	1.0-2.0	.55	.43	5	5	---
	3-45	---	---	35-50	1.30-1.45	0.42-1.41	0.15-0.17	6.0-8.9	---	.37	.37			
	45-60	---	---	15-25	1.40-1.50	4.23-14.11	0.11-0.13	0.0-2.9	---	.28	.49			
	60-70	---	---	30-40	1.40-1.50	1.41-4.23	0.12-0.14	3.0-5.9	---	.15	.28			
Otero	0-14	---	---	10-20	1.40-1.45	14.11-42.34	0.11-0.13	0.0-2.9	0.5-2.0	.20	.20	5	3	---
	14-60	---	---	5-18	1.45-1.50	14.11-42.34	0.08-0.12	0.0-2.9	0.0-0.5	.17	.17			
Shingle	0-4	---	---	28-35	1.10-1.20	4.23-14.11	0.19-0.21	3.0-5.9	1.0-3.0	.32	.32	1	4L	---
	4-15	---	---	20-35	1.20-1.30	4.23-14.11	0.17-0.20	3.0-5.9	0.5-1.0	.49	.49			
	15-19	---	---	---	---	---	---	---	---	---	---			
Travessilla	0-2	---	---	15-20	1.45-1.55	14.11-42.34	0.08-0.13	0.0-2.9	0.4-0.6	.28	.28	1	3	---
	2-12	---	---	15-27	1.45-1.55	14.11-42.34	0.08-0.17	0.0-2.9	---	.37	.37			
	12-16	---	---	---	---	---	---	---	---	---	---			
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
s5225:														
Kim	0-6	---	---	10-18	1.30-1.40	4.23-14.11	0.15-0.17	0.0-2.9	0.5-1.0	.28	.28	5	3	---
	6-60	---	---	20-35	1.35-1.45	4.23-14.11	0.16-0.17	3.0-5.9	---	.32	.32			
Shingle	0-4	---	---	28-35	1.10-1.20	4.23-14.11	0.19-0.21	3.0-5.9	1.0-3.0	.32	.32	1	4L	---
	4-15	---	---	20-35	1.20-1.30	4.23-14.11	0.17-0.20	3.0-5.9	0.5-1.0	.49	.49			
	15-19	---	---	---	---	---	---	---	---	---	---			
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Gila	0-10	---	---	27-30	1.40-1.50	1.41-4.23	0.19-0.21	0.0-2.9	0.5-1.0	.37	.37	5	4L	---
	10-60	---	---	10-20	1.30-1.60	1.41-4.23	0.18-0.20	0.0-2.9	---	.32	.37			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5225:														
Hantz	0-3	---	---	25-35	1.30-1.40	1.41-14.11	0.19-0.21	3.0-5.9	0.5-1.0	.37	.37	5	4L	---
	3-60	---	---	40-50	1.35-1.45	0.00-0.42	0.14-0.16	6.0-8.9	---	.24	.24			
	60-70	---	---	18-27	1.30-1.40	4.23-14.11	0.08-0.12	0.0-2.9	---	.20	.37			
s5227:														
Kokan	0-4	---	---	5-10	1.40-1.50	141.14	0.04-0.06	0.0-2.9	0.5-0.9	.02	.05	5	2	---
	4-60	---	---	2-10	1.40-1.50	141.14	0.03-0.05	0.0-2.9	---	.05	.24			
Vinton	0-12	---	---	5-15	---	14.11-42.34	0.08-0.12	0.0-2.9	0.5-1.0	.24	.24	5	3	---
	12-60	---	---	3-5	---	14.11-42.34	0.06-0.08	0.0-2.9	---	.10	.10			
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Kim	0-6	---	---	10-18	1.30-1.40	4.23-14.11	0.15-0.17	0.0-2.9	0.5-1.0	.28	.28	5	3	---
	6-60	---	---	20-35	1.35-1.45	4.23-14.11	0.16-0.17	3.0-5.9	---	.32	.32			
Pajarito	0-5	---	---	15-20	1.45-1.55	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.8	.24	.24	5	3	---
	5-40	---	---	15-20	1.45-1.55	14.11-42.34	0.13-0.15	0.0-2.9	0.5-1.0	.24	.24			
	40-60	---	---	15-24	1.45-1.55	14.11-42.34	0.13-0.15	0.0-2.9	0.5-1.0	.24	.24			
	60-70	---	---	5-12	1.40-1.50	14.11-42.34	0.09-0.11	0.0-2.9	0.5-1.0	.17	.17			
s5228:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Cudei	0-4	---	---	10-18	1.45-1.55	14.11-42.34	0.06-0.08	0.0-2.9	0.2-0.5	.10	.28	5	5	---
	4-12	---	---	15-25	1.50-1.55	4.23-14.11	0.07-0.09	0.0-2.9	---	.10	.37			
	12-42	---	---	20-35	1.60-1.70	1.41-4.23	0.09-0.11	3.0-5.9	---	.10	.37			
	42-60	---	---	20-35	1.60-1.70	4.23-14.11	0.07-0.09	3.0-5.9	---	.10	.32			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5228:														
Tocito	0-6	---	---	18-27	1.20-1.30	4.23-14.11	0.19-0.21	0.0-2.9	0.5-1.0	.43	.43	5	4L	---
	6-12	---	---	27-35	1.40-1.50	1.41-4.23	0.16-0.20	0.0-2.9	0.3-0.5	.32	.32			
	12-16	---	---	27-35	1.40-1.50	1.41-4.23	0.14-0.16	3.0-5.9	0.3-0.5	.37	.37			
	16-28	---	---	18-25	1.40-1.50	4.23-14.11	0.12-0.15	0.0-2.9	0.2-0.5	.43	.43			
	28-70	---	---	20-35	1.45-1.55	1.41-4.23	0.12-0.15	3.0-5.9	0.2-0.4	.43	.43			
Blackston	0-4	---	---	10-20	1.25-1.40	4.23-14.11	0.08-0.10	0.0-2.9	0.5-1.0	.17	.32	3	5	---
	4-25	---	---	23-35	1.20-1.35	4.23-14.11	0.10-0.14	0.0-2.9	0.5-1.0	.15	.43			
	25-60	---	---	5-10	1.35-1.45	42.34-141.14	0.02-0.05	0.0-2.9	0.5-1.0	.05	.37			
Kimбето	0-2	---	---	15-20	1.40-1.50	14.11-42.34	0.12-0.14	0.0-2.9	0.5-0.8	.28	.28	5	3	---
	2-10	---	---	20-27	1.45-1.55	4.23-14.11	0.08-0.10	0.0-2.9	0.5-0.8	.37	.37			
	10-54	---	---	18-27	1.45-1.55	4.23-14.11	0.06-0.08	0.0-2.9	0.3-0.6	.28	.32			
	54-66	---	---	20-27	1.45-1.55	4.23-14.11	0.05-0.07	0.0-2.9	0.2-0.4	.15	.32			
Mesa	0-4	---	---	27-35	1.25-1.40	4.23-14.11	0.16-0.18	3.0-5.9	0.5-1.0	.28	.28	5	6	---
	4-14	---	---	25-30	1.25-1.40	1.41-14.11	0.17-0.20	3.0-5.9	---	.28	.28			
	14-20	---	---	25-30	1.25-1.40	4.23-14.11	0.14-0.17	3.0-5.9	---	.28	.28			
	20-60	---	---	25-30	1.25-1.40	4.23-14.11	0.08-0.12	0.0-2.9	---	.10	.28			
Fruitland	0-7	---	---	20-27	1.40-1.50	4.23-14.11	0.14-0.16	0.0-2.9	0.5-1.0	.32	.32	5	4L	---
	7-42	---	---	10-18	1.45-1.55	14.11-42.34	0.13-0.15	0.0-2.9	0.3-0.6	.28	.28			
	42-65	---	---	20-27	1.40-1.50	4.23-14.11	0.14-0.16	0.0-2.9	0.2-0.4	.32	.32			
Water	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mesa	0-4	---	---	27-35	1.25-1.40	4.23-14.11	0.16-0.18	3.0-5.9	0.5-1.0	.28	.28	5	6	---
	4-14	---	---	25-30	1.25-1.40	1.41-14.11	0.17-0.20	3.0-5.9	---	.28	.28			
	14-20	---	---	25-30	1.25-1.40	4.23-14.11	0.14-0.17	3.0-5.9	---	.28	.28			
	20-60	---	---	25-30	1.25-1.40	4.23-14.11	0.08-0.12	0.0-2.9	---	.10	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5228:														
Camac	0-3	---	---	10-18	1.40-1.50	14.11-42.34	0.06-0.08	0.0-2.9	0.4-0.6	.10	.28	2	6	---
	3-17	---	---	15-27	1.40-1.50	4.23-14.11	0.09-0.13	0.0-2.9	0.3-0.5	.15	.32			
	17-31	---	---	18-35	1.45-1.55	1.41-4.23	0.12-0.16	3.0-5.9	0.2-0.4	.32	.32			
	31-35	---	---	---	---	---	---	---	---	---	---			
Turley	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.2-0.3	.24	.24	5	3	---
	2-23	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.16	0.0-2.9	---	.32	.32			
	23-31	---	---	27-35	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	---	.32	.32			
	31-57	---	---	20-35	1.40-1.50	4.23-14.11	0.14-0.16	0.0-2.9	---	.32	.32			
	57-60	---	---	10-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.24			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Riverwash	0-3	---	---	7-15	---	4.23-14.11	0.13-0.14	0.0-2.9	0.0-0.1	---	---	---	5	---
	3-60	---	---	3-10	---	14.11-42.34	0.07-0.09	0.0-2.9	---	---	---			
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
s5229:														
Littlehat	0-2	---	---	18-27	1.20-1.30	4.23-14.11	0.10-0.16	0.0-2.9	0.3-0.5	.43	.43	2	4L	---
	2-31	---	---	18-35	1.30-1.50	4.23-14.11	0.04-0.10	3.0-5.9	0.2-0.4	.43	.43			
	31-35	---	---	---	---	---	---	---	---	---	---			
Persayo	0-5	---	---	18-27	1.20-1.30	4.23-14.11	0.15-0.17	3.0-5.9	0.5-1.0	.37	.37	1	4L	---
	5-12	---	---	20-35	1.10-1.20	1.41-4.23	0.16-0.18	3.0-5.9	---	.49	.49			
	12-16	---	---	---	---	0.00-14.11	---	---	---	---	---			
Lawet	0-10	---	---	10-18	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	0.2-0.4	.55	.55	5	3	---
	10-29	---	---	18-27	1.40-1.50	4.23-14.11	0.15-0.18	0.0-2.9	---	.55	.55			
	29-60	---	---	18-27	1.40-1.50	4.23-14.11	0.12-0.14	0.0-2.9	---	.37	.37			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5229:														
Nataani	0-3	---	---	10-18	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	0.4-0.8	.55	.55	2	3	---
	3-9	---	---	15-20	1.35-1.45	4.23-14.11	0.15-0.18	0.0-2.9	0.4-0.6	.49	.49			
	9-21	---	---	---	1.15-1.35	4.23-14.11	0.10-0.15	0.0-2.9	0.4-0.6	.49	.49			
	21-30	---	---	10-18	1.50-1.60	4.23-14.11	0.08-0.10	0.0-2.9	0.3-0.5	.49	.49			
	30-34	---	---	---	---	---	---	---	---	---	---			
Nakai	0-18	---	---	3-10	1.45-1.55	42.34-141.14	0.07-0.09	0.0-2.9	0.5-1.0	.28	.28	5	2	---
	18-34	---	---	8-18	1.50-1.60	14.11-42.34	0.10-0.18	0.0-2.9	0.0-0.5	.43	.43			
	34-60	---	---	5-10	1.55-1.65	42.34-141.14	0.08-0.11	0.0-2.9	0.0-0.5	.28	.28			
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Gyptur	0-2	---	---	15-18	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	0.4-0.6	.55	.55	3	3	---
	2-5	---	---	27-35	1.20-1.30	1.41-4.23	0.19-0.21	3.0-5.9	0.2-0.5	.37	.37			
	5-17	---	---	---	1.20-1.30	1.41-4.23	0.09-0.17	0.0-2.9	0.2-0.5	.43	.43			
	17-46	---	---	18-35	1.20-1.30	1.41-4.23	0.04-0.05	3.0-5.9	0.2-0.5	.37	.37			
	46-50	---	---	---	---	---	---	---	---	---	---			
Tsebitai	0-5	---	---	10-18	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	0.4-0.6	.55	.55	5	3	---
	5-26	---	---	10-18	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	0.4-0.6	.43	.43			
	26-64	---	---	8-18	1.40-1.50	4.23-14.11	0.11-0.17	0.0-2.9	0.3-0.5	.43	.43			
Benally	0-2	---	---	20-25	1.30-1.40	4.23-14.11	0.12-0.14	0.0-2.9	0.2-0.6	.32	.32	3	5	---
	2-18	---	---	25-35	1.40-1.50	0.42-1.41	0.04-0.08	3.0-5.9	---	.32	.32			
	18-45	---	---	20-30	1.40-1.50	4.23-14.11	0.06-0.08	0.0-2.9	---	.32	.32			
	45-49	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Gullied land	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5229:														
Tocito	0-6	---	---	18-27	1.20-1.30	4.23-14.11	0.19-0.21	0.0-2.9	0.5-1.0	.43	.43	5	4L	---
	6-12	---	---	27-35	1.40-1.50	1.41-4.23	0.16-0.20	0.0-2.9	0.3-0.5	.32	.32			
	12-16	---	---	27-35	1.40-1.50	1.41-4.23	0.14-0.16	3.0-5.9	0.3-0.5	.37	.37			
	16-28	---	---	18-25	1.40-1.50	4.23-14.11	0.12-0.15	0.0-2.9	0.2-0.5	.43	.43			
	28-70	---	---	20-35	1.45-1.55	1.41-4.23	0.12-0.15	3.0-5.9	0.2-0.4	.43	.43			
s5233:														
Querencia	0-4	---	---	12-25	1.30-1.40	4.23-14.11	0.15-0.17	0.0-2.9	1.0-2.0	.37	.37	5	4L	---
	4-24	---	---	18-30	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	---	.37	.37			
	24-60	---	---	15-25	1.40-1.50	4.23-14.11	0.14-0.16	0.0-2.9	---	.37	.37			
Sandoval	0-2	---	---	10-18	1.35-1.45	4.23-14.11	0.12-0.14	0.0-2.9	1.0-2.0	.28	.32	1	3	---
	2-15	---	---	18-35	1.45-1.55	1.41-4.23	0.17-0.19	3.0-5.9	---	.37	.37			
	15-19	---	---	---	---	---	---	---	---	---	---			
Sparank	0-2	---	---	30-40	1.35-1.45	1.41-4.23	0.19-0.21	3.0-5.9	1.0-2.0	.37	.37	5	4L	---
	2-60	---	---	35-50	1.50-1.60	0.00-0.42	0.16-0.18	6.0-8.9	---	.37	.37			
San Mateo	0-2	---	---	10-18	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.24	5	3	---
	2-29	---	---	20-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.32			
	29-60	---	---	18-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.43			
Skyvillage	0-2	---	---	10-15	1.35-1.45	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.28	.28	1	3	---
	2-16	---	---	10-18	1.45-1.55	14.11-42.34	0.14-0.16	0.0-2.9	---	.32	.32			
	16-20	---	---	---	---	---	---	---	---	---	---			
Zia	0-5	---	---	8-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.28	5	3	---
	5-60	---	---	8-20	1.50-1.60	14.11-42.34	0.11-0.14	0.0-2.9	---	.28	.28			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/in</i>	<i>Pct</i>	<i>Pct</i>					
s5235:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Zia	0-5	---	---	8-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.28	5	3	---
	5-60	---	---	8-20	1.50-1.60	14.11-42.34	0.11-0.14	0.0-2.9	---	.28	.28			
Sandoval	0-2	---	---	10-18	1.35-1.45	4.23-14.11	0.12-0.14	0.0-2.9	1.0-2.0	.28	.32	1	3	---
	2-15	---	---	18-35	1.45-1.55	1.41-4.23	0.17-0.19	3.0-5.9	---	.37	.37			
	15-19	---	---	---	---	---	---	---	---	---	---			
San Mateo	0-2	---	---	15-25	1.35-1.45	4.23-14.11	0.16-0.18	0.0-2.9	0.5-0.9	.37	.37	5	4L	---
	2-29	---	---	20-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.32			
	29-60	---	---	18-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.43			
Penistaja	0-4	---	---	10-20	1.35-1.45	4.23-14.11	0.13-0.15	0.0-2.9	0.8-2.0	.28	.28	5	3	---
	4-28	---	---	20-30	1.40-1.50	4.23-14.11	0.15-0.18	0.0-2.9	0.0-0.5	.32	.32			
	28-60	---	---	15-25	1.20-1.30	14.11-42.34	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
Saïdo	0-5	---	---	10-15	1.35-1.45	4.23-14.11	0.17-0.19	0.0-2.9	0.2-0.6	.43	.43	5	4L	---
	5-60	---	---	10-18	1.05-1.15	4.23-14.11	0.19-0.21	0.0-2.9	0.2-0.6	.37	.37			
Skyvillage	0-2	---	---	10-15	1.35-1.45	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.28	.28	1	3	---
	2-16	---	---	10-18	1.45-1.55	14.11-42.34	0.14-0.16	0.0-2.9	---	.32	.32			
	16-20	---	---	---	---	---	---	---	---	---	---			
Hagerman	0-3	---	---	10-20	1.45-1.55	14.11-42.34	0.13-0.15	0.0-2.9	0.8-0.9	.28	.28	2	3	---
	3-30	---	---	18-35	1.40-1.50	4.23-14.11	0.15-0.17	3.0-5.9	0.0-0.5	.32	.32			
	30-34	---	---	---	---	---	---	---	---	---	---			
Sparank	0-2	---	---	30-40	1.25-1.35	1.41-4.23	0.05-0.06	3.0-5.9	1.0-2.0	.37	.37	5	4L	---
	2-60	---	---	35-50	1.35-1.45	0.00-0.42	0.04-0.06	6.0-8.9	---	.37	.37			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5235:														
Querencia	0-4	---	---	12-17	1.35-1.45	14.11-42.34	0.12-0.14	0.0-2.9	1.0-2.0	.28	.32	5	3	---
	4-24	---	---	18-30	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	---	.37	.37			
	24-60	---	---	15-25	1.40-1.50	4.23-14.11	0.14-0.16	0.0-2.9	---	.37	.37			
s5248:														
Sheppard	0-6	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15	5	2	---
	6-60	---	---	5-10	1.45-1.60	42.34-141.14	0.06-0.08	0.0-2.9	---	.15	.15			
Fajada	0-2	---	---	18-26	1.50-1.55	4.23-14.11	0.13-0.15	0.0-2.9	0.2-0.6	.37	.37	3	4L	---
	2-6	---	---	27-34	1.50-1.60	0.42-1.41	0.07-0.10	3.0-5.9	---	.32	.32			
	6-16	---	---	24-34	1.40-1.45	1.41-4.23	0.06-0.08	3.0-5.9	---	.32	.32			
	16-28	---	---	27-34	1.50-1.60	1.41-4.23	0.06-0.10	3.0-5.9	---	.32	.32			
	28-60	---	---	---	---	---	---	---	---	---	---			
Sparank	0-2	---	---	30-40	1.35-1.45	1.41-4.23	0.19-0.21	3.0-5.9	1.0-2.0	.37	.37	5	4L	---
	2-60	---	---	35-50	1.50-1.60	0.00-0.42	0.16-0.18	6.0-8.9	---	.37	.37			
s5250:														
Mion	0-2	---	---	30-35	1.30-1.40	1.41-4.23	0.14-0.16	3.0-5.9	2.0-4.0	.15	.28	1	5	---
	2-16	---	---	38-55	1.35-1.45	0.00-0.42	0.15-0.17	6.0-8.9	---	.24	.24			
	16-20	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Atarque	0-2	---	---	10-18	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.24	1	3	---
	2-16	---	---	24-35	1.40-1.50	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	16-22	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5251:														
Doak	0-5	---	---	10-20	1.40-1.50	14.11-42.34	0.11-0.14	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	5-43	---	---	25-35	1.45-1.55	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
	43-69	---	---	25-35	1.40-1.50	1.41-4.23	0.15-0.18	3.0-5.9	0.0-0.5	.37	.37			
Kiki	0-6	---	---	13-19	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.3-0.6	.24	.28	2	3	---
	6-14	---	---	28-35	1.45-1.55	4.23-14.11	0.17-0.19	3.0-5.9	---	.32	.32			
	14-24	---	---	21-32	1.45-1.55	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	24-28	---	---	---	---	---	---	---	---	---	---			
s5252:														
Doakum	0-5	---	---	10-20	1.40-1.50	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.6	.28	.28	5	3	---
	5-17	---	---	18-35	1.45-1.55	4.23-14.11	0.17-0.20	3.0-5.9	---	.32	.32			
	17-60	---	---	20-35	1.40-1.50	4.23-14.11	0.12-0.15	3.0-5.9	---	.32	.32			
Betonnie	0-2	---	---	5-15	1.45-1.55	14.11-42.34	0.09-0.15	0.0-2.9	0.4-0.5	.28	.28	5	3	---
	2-60	---	---	8-18	1.45-1.55	14.11-42.34	0.09-0.15	0.0-2.9	---	.28	.32			
s5253:														
Blancot	0-2	---	---	10-20	1.40-1.50	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.7	.28	.28	5	3	---
	2-23	---	---	20-35	1.45-1.55	1.41-4.23	0.15-0.19	3.0-5.9	---	.32	.32			
	23-60	---	---	8-18	1.40-1.50	14.11-42.34	0.11-0.14	0.0-2.9	---	.24	.24			
Councilor	0-2	---	---	5-15	1.50-1.60	14.11-42.34	0.13-0.15	0.0-2.9	0.3-0.5	.28	.28	5	3	---
	2-60	---	---	5-18	1.50-1.60	14.11-42.34	0.11-0.18	0.0-2.9	0.0-0.5	.37	.37			
Tsosie	0-2	---	---	15-20	1.30-1.40	14.11-42.34	0.13-0.15	0.0-2.9	0.5-0.9	.28	.28	5	3	---
	2-26	---	---	18-35	1.45-1.55	1.41-4.23	0.14-0.17	3.0-5.9	---	.37	.37			
	26-36	---	---	20-35	1.45-1.55	4.23-14.11	0.11-0.14	3.0-5.9	---	.32	.32			
	36-60	---	---	18-35	1.30-1.45	4.23-14.11	0.10-0.15	3.0-5.9	---	.32	.43			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5331:														
Cabezón	0-4	---	---	28-35	1.20-1.30	1.41-4.23	0.16-0.18	3.0-5.9	2.0-4.0	.15	.24	1	7	---
	4-12	---	---	35-50	1.35-1.45	0.42-1.41	0.12-0.14	6.0-8.9	---	.24	.28			
	12-16	---	---	---	---	---	---	---	---	---	---			
Hubbell	0-4	---	---	5-12	1.50-1.60	14.11-42.34	0.06-0.08	0.0-2.9	1.0-2.0	.17	.17	5	2	---
	4-60	---	---	5-18	1.30-1.40	14.11-42.34	0.08-0.10	0.0-2.9	---	.20	.20			
Thunderbird	0-5	---	---	20-27	1.45-1.55	4.23-14.11	0.15-0.17	0.0-2.9	1.0-2.0	.37	.43	2	6	---
	5-23	---	---	35-55	1.40-1.55	0.00-0.42	0.14-0.16	6.0-8.9	---	.28	.43			
	23-27	---	---	---	---	---	---	---	---	---	---			
Rudd	0-10	---	---	20-27	---	4.23-14.11	0.12-0.14	0.0-2.9	1.0-3.0	.20	.37	1	5	---
	10-13	---	---	20-32	---	4.23-14.11	0.09-0.11	0.0-2.9	---	.10	.37			
	13-17	---	---	---	---	---	---	---	---	---	---			
Veteado	0-6	---	---	15-20	1.35-1.45	14.11-42.34	0.11-0.13	0.0-2.9	0.9-1.0	.24	.28	5	3	---
	6-16	---	---	35-60	1.30-1.40	0.42-1.41	0.14-0.16	6.0-8.9	---	.24	.24			
	16-28	---	---	25-35	1.40-1.50	1.41-4.23	0.15-0.17	3.0-5.9	---	.32	.32			
	28-60	---	---	18-35	1.40-1.50	4.23-14.11	0.13-0.15	0.0-2.9	---	.32	.32			
Modyon	0-3	---	---	20-25	1.15-1.25	4.23-14.11	0.12-0.14	0.0-2.9	1.0-3.0	.20	.37	2	5	---
	3-16	---	---	18-35	1.40-1.50	4.23-14.11	0.08-0.10	0.0-2.9	---	.10	.32			
	16-28	---	---	18-35	1.40-1.50	4.23-14.11	0.07-0.09	0.0-2.9	---	.10	.32			
	28-32	---	---	---	---	---	---	---	---	---	---			
Penistaja	0-4	---	---	10-20	1.35-1.45	4.23-14.11	0.13-0.15	0.0-2.9	0.8-2.0	.28	.28	5	3	---
	4-28	---	---	20-30	1.40-1.50	4.23-14.11	0.15-0.18	0.0-2.9	0.0-0.5	.32	.32			
	28-60	---	---	15-25	1.20-1.30	14.11-42.34	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5331:														
Celsosprings	0-3	---	---	20-27	1.15-1.25	4.23-14.11	0.17-0.20	0.0-2.9	1.0-3.0	.43	.49	5	6	---
	3-13	---	---	35-45	1.35-1.45	0.42-1.41	0.16-0.18	6.0-8.9	---	.32	.32			
	13-26	---	---	35-45	1.35-1.45	0.42-1.41	0.13-0.15	6.0-8.9	---	.15	.28			
	26-33	---	---	35-45	1.35-1.45	0.42-1.41	0.13-0.15	6.0-8.9	---	.15	.24			
	33-60	---	---	20-35	1.40-1.50	4.23-14.11	0.16-0.18	3.0-5.9	---	.24	.37			
Ceniza	0-6	---	---	12-18	1.05-1.15	42.34-141.14	0.05-0.07	0.0-2.9	1.0-3.0	.05	.32	5	8	0
	6-30	---	---	12-18	0.80-0.95	14.11-42.34	0.06-0.08	0.0-2.9	---	.10	.32			
	30-42	---	---	0-5	0.70-0.90	141.14	0.03-0.05	0.0-2.9	---	.02	---			
	42-60	---	---	20-30	1.20-1.30	4.23-14.11	0.14-0.16	0.0-2.9	---	.32	.32			
Abrazo	0-2	---	---	10-20	1.35-1.45	4.23-14.11	0.16-0.18	0.0-2.9	1.0-2.0	.37	.43	2	5	---
	2-20	---	---	35-55	1.35-1.45	0.42-1.41	0.14-0.16	6.0-8.9	---	.20	.24			
	20-27	---	---	40-55	1.35-1.45	0.42-1.41	0.14-0.16	6.0-8.9	---	.20	.24			
	27-31	---	---	---	---	---	---	---	---	---	---			
Apache	0-3	---	---	10-17	1.35-1.45	14.11-42.34	0.09-0.11	0.0-2.9	1.0-2.0	.15	.28	1	4	---
	3-10	---	---	15-25	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	---	.37	.37			
	10-14	---	---	10-18	1.45-1.55	14.11-42.34	0.09-0.11	0.0-2.9	---	.15	.28			
	14-18	---	---	---	---	---	---	---	---	---	---			
Flaco	0-2	---	---	13-26	1.15-1.25	4.23-14.11	0.12-0.14	0.0-2.9	1.0-2.0	.20	.37	2	5	---
	2-11	---	---	18-35	1.20-1.30	1.41-4.23	0.17-0.19	3.0-5.9	---	.37	.37			
	11-29	---	---	18-30	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	---	.32	.32			
	29-33	---	---	---	---	---	---	---	---	---	---			
Gatlin	0-4	---	---	15-25	1.30-1.40	4.23-14.11	0.08-0.10	0.0-2.9	1.0-3.0	.10	.32	5	6	---
	4-10	---	---	20-30	1.20-1.30	4.23-14.11	0.09-0.11	0.0-2.9	---	.10	.28			
	10-60	---	---	5-10	1.40-1.50	141.14	0.03-0.05	0.0-2.9	---	.02	.10			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5396:														
Datil	0-7	---	---	15-25	1.15-1.25	4.23-14.11	0.15-0.17	0.0-2.9	1.0-3.0	.37	.49	5	5	---
	7-22	---	---	18-35	1.45-1.55	4.23-14.11	0.15-0.18	3.0-5.9	---	.32	.32			
	22-40	---	---	15-25	1.40-1.50	4.23-14.11	0.12-0.15	0.0-2.9	---	.32	.32			
	40-60	---	---	15-25	1.40-1.50	4.23-14.11	0.09-0.11	0.0-2.9	---	.20	.32			
Loarc	0-14	---	---	10-15	1.35-1.45	14.11-42.34	0.11-0.13	0.0-2.9	1.0-3.0	.24	.24	5	3	---
	14-23	---	---	18-35	1.40-1.50	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	23-36	---	---	10-25	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.28			
	36-60	---	---	10-25	1.40-1.50	14.11-42.34	0.09-0.11	0.0-2.9	---	.15	.24			
Guy	0-3	---	---	5-17	1.30-1.40	14.11-42.34	0.08-0.10	0.0-2.9	1.0-2.0	.15	.28	5	5	---
	3-10	---	---	5-17	1.45-1.55	14.11-42.34	0.08-0.10	0.0-2.9	1.0-2.0	.15	.28			
	10-60	---	---	5-17	1.45-1.55	14.11-42.34	0.10-0.12	0.0-2.9	0.5-1.0	.20	.32			
Dioxice	0-3	---	---	18-23	1.45-1.55	4.23-14.11	0.15-0.17	0.0-2.9	1.0-2.0	.37	.43	5	5	---
	3-24	---	---	20-35	1.55-1.70	4.23-14.11	0.13-0.15	3.0-5.9	---	.32	.37			
	24-60	---	---	20-27	1.50-1.60	4.23-14.11	0.13-0.15	0.0-2.9	---	.32	.49			
Millpaw	0-4	---	---	18-25	1.15-1.25	4.23-14.11	0.16-0.18	0.0-2.9	2.0-3.0	.37	.37	5	6	---
	4-35	---	---	35-50	1.40-1.50	0.42-1.41	0.17-0.19	6.0-8.9	---	.32	.32			
	35-60	---	---	18-35	1.40-1.50	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.37			
Gustspring	0-2	---	---	15-20	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	1.0-3.0	.37	.43	2	5	---
	2-11	---	---	18-35	1.40-1.50	4.23-14.11	0.08-0.10	3.0-5.9	---	.20	.37			
	11-22	---	---	5-10	1.45-1.55	14.11-42.34	0.05-0.07	0.0-2.9	---	.10	.24			
	22-60	---	---	5-10	1.40-1.50	42.34-141.14	0.02-0.04	0.0-2.9	---	.05	.10			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5396:														
Hiarc	0-2	---	---	15-20	1.35-1.45	14.11-42.34	0.12-0.14	0.0-2.9	1.0-2.0	.28	.28	2	3	---
	2-7	---	---	15-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.24			
	7-19	---	---	20-25	1.45-1.55	4.23-14.11	0.15-0.17	0.0-2.9	---	.37	.37			
	19-27	---	---	18-25	1.45-1.55	4.23-14.11	0.11-0.13	0.0-2.9	---	.24	.24			
	27-31	---	---	---	---	---	---	---	---	---	---			
Amenson	0-3	---	---	20-27	1.30-1.40	4.23-14.11	0.16-0.18	0.0-2.9	1.0-3.0	.37	.37	1	4L	---
	3-11	---	---	27-35	1.40-1.50	1.41-4.23	0.16-0.18	3.0-5.9	---	.32	.32			
	11-15	---	---	15-27	1.40-1.50	4.23-14.11	0.12-0.14	0.0-2.9	---	.28	.28			
	15-20	---	---	---	---	---	---	---	---	---	---			
	20-24	---	---	---	---	---	---	---	---	---	---			
Joachim	0-3	---	---	8-15	1.25-1.35	14.11-42.34	0.08-0.10	0.0-2.9	2.0-4.0	.15	.28	1	5	---
	3-8	---	---	9-18	1.45-1.55	4.23-14.11	0.10-0.12	0.0-2.9	---	.20	.28			
	8-11	---	---	5-10	1.45-1.55	4.23-14.11	0.07-0.10	0.0-2.9	---	.15	.32			
	11-15	---	---	---	---	---	---	---	---	---	---			
Landavaso	0-10	---	---	15-20	1.30-1.40	14.11-42.34	0.10-0.12	0.0-2.9	1.0-2.0	.24	.24	3	3	---
	10-27	---	---	20-35	1.45-1.55	4.23-14.11	0.11-0.13	0.0-2.9	---	.15	.28			
	27-60	---	---	0-8	1.40-1.50	42.34-141.14	0.03-0.05	0.0-2.9	---	.05	.10			
Pena	0-8	---	---	7-15	1.30-1.40	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.24	.28	5	3	---
	8-30	---	---	10-30	1.30-1.45	4.23-14.11	0.07-0.09	0.0-2.9	---	.10	.32			
	30-60	---	---	7-27	1.30-1.40	4.23-14.11	0.03-0.08	0.0-2.9	---	.05	.43			
	60-70	---	---	20-30	1.30-1.40	4.23-14.11	0.03-0.08	0.0-2.9	---	.05	.32			
Ralphston	0-2	---	---	12-17	1.15-1.25	4.23-14.11	0.15-0.17	0.0-2.9	2.0-4.0	.37	.43	5	4L	---
	2-13	---	---	18-25	1.35-1.45	4.23-14.11	0.14-0.16	0.0-2.9	---	.37	.37			
	13-60	---	---	18-35	1.45-1.55	4.23-14.11	0.16-0.18	3.0-5.9	---	.37	.32			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5399:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Motoqua	0-2	---	---	10-20	---	4.23-14.11	0.12-0.14	0.0-2.9	1.0-2.0	.20	.37	1	7	---
	2-16	---	---	20-32	---	4.23-14.11	0.09-0.11	0.0-2.9	---	.10	.32			
	16-20	---	---	---	---	---	---	---	---	---	---			
Mion	0-2	---	---	30-35	1.30-1.40	1.41-4.23	0.14-0.16	3.0-5.9	2.0-4.0	.15	.28	1	5	---
	2-16	---	---	38-55	1.35-1.45	0.00-0.42	0.15-0.17	6.0-8.9	---	.24	.24			
	16-20	---	---	---	---	---	---	---	---	---	---			
Abrazo	0-8	---	---	15-25	1.20-1.30	4.23-14.11	0.08-0.10	0.0-2.9	1.0-3.0	.20	.37	2	6	---
	8-26	---	---	35-45	1.45-1.55	0.42-1.41	0.12-0.14	3.0-5.9	---	.15	.24			
	26-30	---	---	---	---	---	---	---	---	---	---			
Gustspring	0-2	---	---	10-15	1.35-1.45	14.11-42.34	0.06-0.08	0.0-2.9	1.0-2.0	.10	.24	2	6	---
	2-11	---	---	18-35	1.40-1.50	4.23-14.11	0.08-0.10	3.0-5.9	---	.20	.37			
	11-22	---	---	5-10	1.45-1.55	14.11-42.34	0.05-0.07	0.0-2.9	---	.10	.24			
	22-60	---	---	5-10	1.40-1.50	42.34-141.14	0.02-0.04	0.0-2.9	---	.05	.10			
Travessilla	0-3	---	---	10-18	1.35-1.45	14.11-42.34	0.05-0.07	0.0-2.9	1.0-2.0	.10	.24	1	4	---
	3-13	---	---	10-18	1.40-1.50	14.11-42.34	0.08-0.10	0.0-2.9	---	.15	.28			
	13-17	---	---	---	---	---	---	---	---	---	---			
Goldust	0-7	---	---	10-20	1.35-1.45	14.11-42.34	0.08-0.10	0.0-2.9	1.0-2.0	.15	.28	5	5	---
	7-27	---	---	35-55	1.35-1.45	0.42-1.41	0.09-0.11	3.0-5.9	---	.10	.32			
	27-60	---	---	18-20	1.40-1.50	14.11-42.34	0.04-0.06	0.0-2.9	---	.10	.24			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5399:														
Parquat	0-2	---	---	12-20	1.40-1.50	14.11-42.34	0.05-0.07	0.0-2.9	1.0-2.0	.10	.24	3	4L	---
	2-12	---	---	35-40	1.35-1.45	1.41-4.23	0.09-0.11	3.0-5.9	---	.10	.32			
	12-19	---	---	35-45	1.35-1.45	1.41-4.23	0.08-0.10	3.0-5.9	---	.10	.32			
	19-33	---	---	10-20	1.30-1.40	14.11-42.34	0.09-0.11	0.0-2.9	---	.15	.24			
	33-60	---	---	5-15	1.40-1.50	42.34-141.14	0.04-0.06	0.0-2.9	---	.10	.24			
s5400:														
Puertecito	0-2	---	---	12-18	1.45-1.55	4.23-14.11	0.08-0.10	0.0-2.9	1.0-2.0	.10	.32	1	7	---
	2-14	---	---	23-35	1.60-1.70	1.41-4.23	0.09-0.11	3.0-5.9	0.5-1.0	.10	.37			
	14-18	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Travessilla	0-3	---	---	10-18	1.35-1.45	14.11-42.34	0.10-0.12	0.0-2.9	1.0-2.0	.15	.28	1	4	---
	3-13	---	---	10-18	1.40-1.50	14.11-42.34	0.08-0.10	0.0-2.9	---	.15	.28			
	13-17	---	---	---	---	---	---	---	---	---	---			
Mion	0-2	---	---	15-20	1.35-1.45	14.11-42.34	0.09-0.11	0.0-2.9	1.0-2.0	.15	.24	1	5	---
	2-16	---	---	38-55	1.35-1.45	0.00-0.42	0.15-0.17	6.0-8.9	---	.24	.24			
	16-20	---	---	---	---	---	---	---	---	---	---			
La Fonda	0-3	---	---	10-15	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.6-0.8	.24	.24	5	3	---
	3-60	---	---	18-35	1.40-1.50	4.23-14.11	0.16-0.19	3.0-5.9	---	.32	.32			
San Mateo	0-2	---	---	10-18	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.5-0.9	.24	.24	5	3	---
	2-29	---	---	20-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.32			
	29-60	---	---	18-35	1.35-1.45	4.23-14.11	0.15-0.17	3.0-5.9	---	.32	.43			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5401:														
Datil	0-7	---	---	9-25	1.15-1.25	4.23-14.11	0.09-0.11	0.0-2.9	1.0-3.0	.28	.32	5	4	---
	7-22	---	---	18-35	1.45-1.55	4.23-14.11	0.15-0.18	3.0-5.9	---	.32	.32			
	22-40	---	---	15-25	1.40-1.50	4.23-14.11	0.12-0.15	0.0-2.9	---	.32	.32			
	40-60	---	---	15-25	1.40-1.50	4.23-14.11	0.09-0.11	0.0-2.9	---	.20	.32			
Lapdun	0-9	---	---	15-20	1.35-1.45	4.23-14.11	0.10-0.12	0.0-2.9	1.0-3.0	.20	.43	5	6	---
	9-60	---	---	20-30	1.40-1.50	4.23-14.11	0.08-0.10	3.0-5.9	---	.10	.37			
Cascajo	0-10	---	---	5-15	1.40-1.55	14.11-42.34	0.07-0.09	0.0-2.9	0.5-1.0	.10	.28	5	8	0
	10-21	---	---	0-15	1.55-1.70	42.34-141.14	0.05-0.08	0.0-2.9	---	.10	.28			
	21-60	---	---	0-5	1.65-1.80	42.34-141.14	0.05-0.06	0.0-2.9	---	.10	.28			
Celsosprings	0-3	---	---	20-27	1.15-1.25	4.23-14.11	0.17-0.20	0.0-2.9	1.0-3.0	.43	.49	5	6	---
	3-13	---	---	35-45	1.35-1.45	0.42-1.41	0.16-0.18	6.0-8.9	---	.32	.32			
	13-26	---	---	35-45	1.35-1.45	0.42-1.41	0.13-0.15	6.0-8.9	---	.15	.28			
	26-33	---	---	35-45	1.35-1.45	0.42-1.41	0.13-0.15	6.0-8.9	---	.15	.24			
	33-60	---	---	20-35	1.40-1.50	4.23-14.11	0.16-0.18	3.0-5.9	---	.24	.37			
Majada	0-7	---	---	10-20	1.30-1.40	14.11-42.34	0.06-0.08	0.0-2.9	1.0-2.0	.10	.24	5	6	---
	7-19	---	---	20-35	1.45-1.55	1.41-4.23	0.08-0.10	3.0-5.9	---	.10	.37			
	19-40	---	---	20-30	1.50-1.60	4.23-14.11	0.08-0.10	0.0-2.9	---	.10	.32			
	40-60	---	---	20-30	1.45-1.55	4.23-14.11	0.09-0.10	0.0-2.9	---	.10	.37			
Millett	0-2	---	---	15-20	---	14.11-42.34	0.09-0.11	0.0-2.9	1.0-2.0	.15	.24	5	3	---
	2-8	---	---	25-35	---	4.23-14.11	0.12-0.16	3.0-5.9	---	.15	.24			
	8-18	---	---	15-25	---	4.23-14.11	0.13-0.15	0.0-2.9	---	.28	.49			
	18-60	---	---	15-25	---	4.23-14.11	0.06-0.09	0.0-2.9	---	.10	.32			
Sedillo	0-3	---	---	10-20	1.35-1.45	14.11-42.34	0.05-0.07	0.0-2.9	0.5-1.0	.10	.24	5	6	---
	3-23	---	---	22-34	1.40-1.50	1.41-4.23	0.05-0.07	3.0-5.9	---	.10	.37			
	23-60	---	---	15-25	1.40-1.50	4.23-14.11	0.07-0.09	0.0-2.9	---	.10	.32			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5401:														
Alegros	0-2	---	---	15-25	1.00-1.10	4.23-14.11	0.12-0.14	0.0-2.9	3.0-6.0	.20	.37	3	6	---
	2-21	---	---	35-60	1.25-1.35	0.42-1.41	0.12-0.14	6.0-8.9	---	.15	.24			
	21-52	---	---	5-15	1.55-1.65	14.11-42.34	0.04-0.06	0.0-2.9	---	.02	.15			
	52-60	---	---	0-10	1.60-1.70	42.34-141.14	0.02-0.04	0.0-2.9	---	.02	.20			
Hickman	0-3	---	---	15-27	1.05-1.15	4.23-14.11	0.15-0.17	0.0-2.9	2.0-4.0	.37	.49	5	5	---
	3-60	---	---	18-35	1.20-1.30	1.41-4.23	0.14-0.16	3.0-5.9	0.0-0.8	.32	.37			
Ladron	0-2	---	---	12-18	1.35-1.45	14.11-42.34	0.06-0.07	0.0-2.9	0.9-1.0	.10	.24	5	6	---
	2-31	---	---	18-26	1.45-1.55	4.23-14.11	0.08-0.09	0.0-2.9	---	.10	.37			
	31-47	---	---	8-15	1.55-1.65	14.11-42.34	0.06-0.07	0.0-2.9	---	.10	.32			
	47-60	---	---	18-24	1.55-1.65	4.23-14.11	0.08-0.09	0.0-2.9	---	.10	.32			
Goldust	0-4	---	---	15-20	---	14.11-42.34	0.09-0.10	0.0-2.9	1.0-2.0	.15	.28	5	5	---
	4-22	---	---	15-26	---	4.23-14.11	0.10-0.12	0.0-2.9	---	.10	.37			
	22-35	---	---	40-60	---	0.42-1.41	0.09-0.11	6.0-8.9	---	.05	.15			
	35-60	---	---	40-55	---	0.42-1.41	0.10-0.12	6.0-8.9	---	.10	.24			
Loarc	0-14	---	---	10-15	1.35-1.45	14.11-42.34	0.11-0.13	0.0-2.9	1.0-3.0	.24	.24	5	3	---
	14-23	---	---	18-35	1.40-1.50	4.23-14.11	0.14-0.16	3.0-5.9	---	.32	.32			
	23-36	---	---	10-25	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.28			
	36-60	---	---	10-25	1.40-1.50	14.11-42.34	0.09-0.11	0.0-2.9	---	.15	.24			
Magdalena	0-2	---	---	10-15	1.45-1.55	4.23-14.11	0.11-0.13	0.0-2.9	0.4-0.8	.20	.37	5	6	---
	2-62	---	---	35-50	1.50-1.60	0.00-0.42	0.08-0.10	6.0-8.9	---	.10	.32			
	62-74	---	---	25-35	1.55-1.65	4.23-14.11	0.08-0.10	3.0-5.9	---	.10	.32			
s5404:														
Dulce	0-13	---	---	5-18	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.24	.24	1	3	---
	13-17	---	---	---	---	0.00-14.11	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5404:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Travessilla	0-4	---	---	5-15	1.35-1.45	14.11-42.34	0.11-0.13	0.0-2.9	1.0-2.0	.24	.28	1	3	---
	4-8	---	---	10-18	1.35-1.45	4.23-14.11	0.13-0.15	0.0-2.9	---	.20	.37			
	8-12	---	---	---	---	---	---	---	---	---	---			
Weska	0-1	---	---	28-35	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	0.5-0.7	.37	.37	1	6	---
	1-7	---	---	28-35	1.40-1.50	1.41-4.23	0.19-0.21	3.0-5.9	---	.37	.37			
	7-11	---	---	---	---	---	---	---	---	---	---			
Mikim	0-9	---	---	10-25	1.40-1.45	4.23-14.11	0.16-0.18	0.0-2.9	1.0-3.0	.32	.32	5	5	---
	9-60	---	---	18-32	1.35-1.45	4.23-14.11	0.14-0.16	0.0-2.9	---	.32	.32			
Buckle	0-5	---	---	18-27	1.40-1.50	4.23-14.11	0.13-0.19	0.0-2.9	1.0-2.0	.43	.43	5	6	---
	5-44	---	---	28-35	1.40-1.50	1.41-4.23	0.15-0.19	3.0-5.9	0.0-1.0	.37	.37			
	44-66	---	---	20-35	1.40-1.50	4.23-14.11	0.13-0.19	3.0-5.9	0.0-0.5	.37	.37			
Florita	0-4	---	---	15-20	1.35-1.45	14.11-42.34	0.08-0.13	0.0-2.9	1.0-3.0	.24	.24	5	3	---
	4-43	---	---	5-20	1.45-1.55	14.11-42.34	0.10-0.13	0.0-2.9	---	.20	.20			
	43-60	---	---	0-5	1.40-1.50	42.34-141.14	0.03-0.05	0.0-2.9	---	.20	.20			
Yenlo	0-3	---	---	10-18	1.40-1.45	14.11-42.34	0.10-0.13	0.0-2.9	1.0-2.0	.20	.20	5	3	---
	3-13	---	---	20-30	1.35-1.45	4.23-14.11	0.14-0.18	3.0-5.9	---	.24	.24			
	13-60	---	---	10-30	1.35-1.45	4.23-14.11	0.10-0.18	0.0-2.9	---	.24	.24			
s5576:														
St. Thomas	0-2	---	---	4-10	1.15-1.35	14.11-42.34	0.06-0.08	0.0-2.9	0.0-0.5	.17	.32	1	8	0
	2-12	---	---	8-18	1.15-1.35	14.11-42.34	0.04-0.07	0.0-2.9	---	.10	.37			
	12-16	---	---	---	---	0.00-0.07	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s5576:														
St. Thomas	0-2	---	---	4-10	1.15-1.35	14.11-42.34	0.06-0.08	0.0-2.9	0.0-0.5	.17	.32	1	8	0
	2-12	---	---	8-18	1.15-1.35	14.11-42.34	0.04-0.07	0.0-2.9	---	.10	.37			
	12-16	---	---	---	---	0.00-0.07	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Kyler	0-3	---	---	7-18	1.30-1.45	4.23-14.11	0.05-0.07	0.0-2.9	0.5-1.0	.15	.55	1	5	---
	3-7	---	---	7-18	1.25-1.45	4.23-14.11	0.08-0.11	0.0-2.9	0.0-0.5	.15	.55			
	7-11	---	---	---	---	0.00-0.07	---	---	---	---	---			
Pookaloo	0-4	---	---	10-18	1.20-1.35	4.23-14.11	0.06-0.09	0.0-2.9	1.0-2.0	.20	.43	1	6	---
	4-19	---	---	10-18	1.35-1.50	4.23-14.11	0.11-0.13	0.0-2.9	0.0-0.5	.20	.55			
	19-23	---	---	---	---	0.00-0.07	---	---	---	---	---			
St. Thomas	0-2	---	---	4-10	1.15-1.35	14.11-42.34	0.06-0.08	0.0-2.9	0.0-0.5	.17	.32	1	8	0
	2-12	---	---	8-18	1.15-1.35	14.11-42.34	0.04-0.07	0.0-2.9	---	.10	.37			
	12-16	---	---	---	---	0.00-0.07	---	---	---	---	---			
Tonopah	0-6	---	---	5-15	1.55-1.70	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.37	5	4	---
	6-60	---	---	2-10	1.55-1.75	141.14	0.03-0.05	0.0-2.9	0.0-0.5	.10	.20			
Weiser	0-6	---	---	5-18	1.25-1.45	14.11-42.34	0.04-0.06	0.0-2.9	0.0-0.5	.10	.32	5	6	---
	6-60	---	---	5-18	1.25-1.45	14.11-42.34	0.07-0.09	0.0-2.9	---	.15	.32			
s7769:														
Rizno	0-2	---	---	10-17	1.20-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.24	1	3	---
	2-5	---	---	20-30	1.10-1.30	4.23-14.11	0.12-0.15	0.0-2.9	0.5-1.0	.15	.24			
	5-7	---	---	10-18	1.20-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.17			
	7-14	---	---	6-10	1.40-1.50	42.34-141.14	0.05-0.06	0.0-2.9	---	.10	.15			
	14-18	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s7769:														
Witt	0-7	---	---	8-20	1.30-1.40	4.23-14.11	0.15-0.18	0.0-2.9	0.5-1.0	.37	.37	5	5	---
	7-48	---	---	18-35	1.25-1.40	1.41-4.23	0.18-0.21	3.0-5.9	0.0-0.5	.37	.37			
	48-60	---	---	18-27	1.30-1.40	4.23-14.11	0.16-0.19	0.0-2.9	0.0-0.5	.37	.37			
Ruinpoint	0-2	---	---	15-20	1.15-1.25	14.11-42.34	0.12-0.18	0.0-2.9	1.0-2.0	.43	.43	5	3	---
	2-13	---	---	20-30	1.05-1.20	4.23-14.11	0.15-0.18	3.0-5.9	---	.43	.43			
	13-60	---	---	20-30	1.10-1.25	4.23-14.11	0.15-0.18	3.0-5.9	---	.43	.43			
Cahona	0-11	---	---	10-20	1.40-1.50	4.23-14.11	0.14-0.16	0.0-2.9	0.5-2.0	.37	.37	5	3	---
	11-24	---	---	20-35	1.30-1.40	1.41-4.23	0.15-0.17	3.0-5.9	0.5-1.0	.37	.37			
	24-60	---	---	10-27	1.40-1.50	4.23-14.11	0.13-0.16	0.0-2.9	0.0-0.5	.37	.37			
Sharps	0-9	---	---	10-20	1.30-1.40	4.23-14.11	0.16-0.18	0.0-2.9	0.5-2.0	.37	.37	3	5	---
	9-19	---	---	20-35	1.25-1.35	1.41-4.23	0.15-0.17	3.0-5.9	0.5-1.0	.37	.37			
	19-30	---	---	20-30	1.25-1.35	4.23-14.11	0.13-0.15	3.0-5.9	0.0-0.5	.37	.37			
	30-34	---	---	---	---	0.00-14.11	---	---	---	---	---			
s7770:														
Mota	0-6	---	---	5-10	1.50-1.55	14.11-42.34	0.09-0.11	0.0-2.9	0.0-0.5	.43	.43	5	2	---
	6-23	---	---	8-18	1.40-1.45	14.11-42.34	0.14-0.16	0.0-2.9	---	.43	.43			
	23-60	---	---	5-10	1.50-1.55	14.11-42.34	0.09-0.11	0.0-2.9	---	.49	.49			
Neskahi	0-6	---	---	---	---	14.11-42.34	0.06-0.11	0.0-2.9	---	.43	.17	5	2	---
	6-60	---	---	---	---	14.11-42.34	0.12-0.17	0.0-2.9	---	.43	.43			
Oljeto	0-20	---	---	---	---	14.11-42.34	0.08-0.10	0.0-2.9	---	.43	---	3	2	---
	20-60	---	---	---	---	42.34-141.14	0.02-0.04	0.0-2.9	---	.10	.17			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s7770:														
Sheppard	0-12	---	---	2-5	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.24	.24	5	2	---
	12-60	---	---	3-8	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20			
s7771:														
Moenkopie	0-2	---	---	10-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.24	.24	1	3	---
	2-9	---	---	15-20	1.45-1.55	14.11-42.34	0.11-0.13	0.0-2.9	---	.24	.43			
	9-13	---	---	---	---	---	---	---	---	---	---			
Hoskinnini	0-1	---	---	13-17	1.35-1.45	14.11-42.34	0.08-0.11	0.0-2.9	0.5-1.0	.28	.24	1	3	---
	1-8	---	---	16-20	1.35-1.45	14.11-42.34	0.08-0.11	0.0-2.9	---	.20	.24			
	8-12	---	---	18-25	1.30-1.45	4.23-14.11	0.11-0.17	3.0-5.9	---	.24	.24			
	12-16	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Piute	0-9	---	---	2-8	1.45-1.50	14.11-42.34	0.08-0.09	0.0-2.9	0.0-0.5	.43	.43	1	2	---
	9-13	---	---	---	---	---	---	---	---	---	---			
Deleco	0-3	---	---	3-10	1.45-1.55	14.11-42.34	0.08-0.09	0.0-2.9	0.0-0.5	.37	.37	1	2	---
	3-7	---	---	5-10	1.40-1.45	14.11-42.34	0.07-0.09	0.0-2.9	---	.15	.17			
	7-10	---	---	5-10	1.40-1.45	14.11-42.34	0.05-0.06	0.0-2.9	---	.10	.17			
	10-14	---	---	---	---	---	---	---	---	---	---			
	14-45	---	---	0-10	1.35-1.45	0.00-0.42	0.08-0.09	0.0-2.9	---	.43	.43			
s7772:														
Whit	0-4	---	---	18-20	1.35-1.45	4.23-14.11	0.14-0.16	0.0-2.9	0.5-1.0	.43	.43	3	3	---
	4-30	---	---	18-25	1.35-1.45	4.23-14.11	0.14-0.16	0.0-2.9	---	.43	.43			
	30-66	---	---	18-25	1.35-1.45	4.23-14.11	0.14-0.16	0.0-2.9	---	.43	.43			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s7772:														
Sogzie	0-5	---	---	10-18	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	0.5-1.0	.43	.43	5	3	---
	5-21	---	---	10-18	1.35-1.45	4.23-14.11	0.15-0.17	0.0-2.9	---	.43	.43			
	21-80	---	---	10-18	1.35-1.45	4.23-14.11	0.11-0.13	0.0-2.9	---	.32	.32			
Sheppard	0-12	---	---	2-5	1.50-1.60	42.34-141.14	0.05-0.07	0.0-2.9	0.0-0.5	.20	.20	5	1	---
	12-60	---	---	3-8	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
s7773:														
Piute	0-9	---	---	2-8	1.45-1.50	14.11-42.34	0.08-0.09	0.0-2.9	0.0-0.5	.43	.43	1	2	---
	9-13	---	---	---	---	---	---	---	---	---	---			
Pickrell	0-5	---	---	---	---	14.11-42.34	0.07-0.09	0.0-2.9	---	.43	.24	1	2	---
	5-18	---	---	---	---	14.11-42.34	0.06-0.08	0.0-2.9	---	.43	.24			
	18-22	---	---	---	---	---	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Sheppard	0-12	---	---	2-5	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.24	.24	5	2	---
	12-60	---	---	3-8	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20			
s7774:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Lithic Torriorthents	0-3	---	---	10-30	1.25-1.40	4.23-14.11	0.15-0.18	0.0-2.9	0.0-0.5	.32	.37	1	3	---
	3-8	---	---	---	---	---	---	---	---	---	---			
	8-12	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s7774: Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
s7938: Ruinpoint	0-2	---	---	15-20	1.15-1.25	14.11-42.34	0.12-0.18	0.0-2.9	1.0-2.0	.43	.43	5	3	---
	2-13	---	---	20-30	1.05-1.20	4.23-14.11	0.15-0.18	3.0-5.9	---	.43	.43			
	13-60	---	---	20-30	1.10-1.25	4.23-14.11	0.15-0.18	3.0-5.9	---	.43	.43			
Rizno	0-2	---	---	10-17	1.20-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.24	1	3	---
	2-5	---	---	20-30	1.10-1.30	4.23-14.11	0.12-0.15	0.0-2.9	0.5-1.0	.15	.24			
	5-7	---	---	10-18	1.20-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.17			
	7-14	---	---	6-10	1.40-1.50	42.34-141.14	0.05-0.06	0.0-2.9	---	.10	.15			
	14-18	---	---	---	---	---	---	---	---	---	---			
Cahona	0-11	---	---	15-25	1.40-1.50	4.23-14.11	0.15-0.17	0.0-2.9	0.5-2.0	.37	.37	5	4	---
	11-24	---	---	20-35	1.30-1.40	1.41-4.23	0.15-0.17	3.0-5.9	0.5-1.0	.37	.37			
	24-60	---	---	10-27	1.40-1.50	4.23-14.11	0.13-0.16	0.0-2.9	0.0-0.5	.37	.37			
s7939: Rizno	0-2	---	---	10-17	1.20-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.24	1	3	---
	2-5	---	---	20-30	1.10-1.30	4.23-14.11	0.12-0.15	0.0-2.9	0.5-1.0	.15	.24			
	5-7	---	---	10-18	1.20-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.17			
	7-14	---	---	6-10	1.40-1.50	42.34-141.14	0.05-0.06	0.0-2.9	---	.10	.15			
	14-18	---	---	---	---	---	---	---	---	---	---			
Littlenan	0-3	---	---	20-40	1.20-1.35	0.42-4.23	0.14-0.16	3.0-5.9	0.5-1.0	.20	.37	3	4L	---
	3-29	---	---	35-45	1.15-1.30	0.42-1.41	0.16-0.18	6.0-8.9	---	.24	.32			
	29-33	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s7939:														
Bodot	0-6	---	---	20-27	1.15-1.35	1.41-14.11	0.08-0.12	3.0-5.9	1.0-2.0	.43	.64	2	8	0
	6-15	---	---	30-40	1.20-1.40	0.42-4.23	0.16-0.18	6.0-8.9	---	.43	.43			
	15-36	---	---	35-60	1.20-1.40	0.42-1.41	0.17-0.18	6.0-8.9	---	.37	.37			
	36-40	---	---	---	---	0.00-14.11	---	---	---	---	---			
Mellenthin	0-4	---	---	10-15	1.25-1.35	4.23-14.11	0.07-0.09	0.0-2.9	0.8-2.0	.02	.24	1	5	---
	4-15	---	---	15-25	1.25-1.35	4.23-14.11	0.09-0.11	0.0-2.9	0.5-1.0	.05	.32			
	15-18	---	---	10-15	1.25-1.35	4.23-14.11	0.06-0.08	0.0-2.9	0.5-1.0	.02	.17			
	18-22	---	---	---	---	0.00-1.41	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
s7944:														
Moenkopie	0-3	---	---	5-17	1.30-1.40	14.11-42.34	0.06-0.10	0.0-2.9	0.5-1.0	.10	.37	1	6	---
	3-8	---	---	7-20	1.35-1.45	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.28	.32			
	8-12	---	---	---	---	0.00-1.41	---	---	---	---	---			
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Myton family	0-6	---	---	10-15	1.35-1.45	14.11-42.34	0.05-0.08	0.0-2.9	0.5-1.0	.10	.24	5	6	---
	6-60	---	---	10-18	1.35-1.45	14.11-42.34	0.05-0.08	0.0-2.9	0.5-1.0	.05	.17			
s7945:														
Nakai	0-2	---	---	6-14	1.30-1.40	14.11-42.34	0.10-0.13	0.0-2.9	0.5-1.0	.32	.32	3	3	---
	2-28	---	---	10-18	1.25-1.40	14.11-42.34	0.10-0.14	0.0-2.9	---	.43	.49			
	28-52	---	---	10-18	1.25-1.40	14.11-42.34	0.08-0.13	0.0-2.9	---	.24	.17			
	52-56	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s7945:														
Limeridge	0-1	---	---	8-18	1.25-1.35	14.11-42.34	0.10-0.12	0.0-2.9	0.5-1.0	.32	.24	2	3	---
	1-8	---	---	12-20	1.40-1.50	14.11-42.34	0.09-0.13	0.0-2.9	---	.24	.17			
	8-16	---	---	18-30	1.40-1.50	4.23-14.11	0.11-0.15	0.0-2.9	---	.15	.24			
	16-20	---	---	---	---	---	---	---	---	---	---			
Bluechief	0-3	---	---	5-10	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.37	.37	2	3	---
	3-25	---	---	10-15	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	---	.43	.43			
	25-38	---	---	12-18	1.40-1.50	14.11-42.34	0.11-0.14	0.0-2.9	---	.43	.17			
	38-42	---	---	---	---	---	---	---	---	---	---			
s7947:														
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Piute	0-9	---	---	2-8	1.45-1.50	14.11-42.34	0.08-0.09	0.0-2.9	0.0-0.5	.43	.43	1	2	---
	9-13	---	---	---	---	---	---	---	---	---	---			
Sheppard	0-12	---	---	2-5	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.24	.24	5	2	---
	12-60	---	---	3-8	1.50-1.60	42.34-141.14	0.06-0.08	0.0-2.9	0.0-0.5	.20	.20			
s8104:														
Tosser	0-4	---	---	5-15	1.30-1.40	14.11-42.34	0.04-0.08	0.0-2.9	1.0-2.0	.10	.24	2	6	---
	4-10	---	---	10-17	1.30-1.45	14.11-42.34	0.08-0.10	0.0-2.9	0.5-1.0	.24	.17			
	10-23	---	---	2-8	1.30-1.50	42.34-141.14	0.03-0.06	0.0-2.9	0.5-1.0	.05	.15			
	23-37	---	---	2-8	1.50-1.80	42.34-141.14	0.02-0.04	0.0-2.9	0.5-1.0	.02	.15			
	37-60	---	---	2-8	1.50-1.80	14.11-42.34	0.04-0.07	0.0-2.9	0.5-1.0	.10	.15			
Hiko Peak	0-4	---	---	10-18	1.40-1.50	4.23-14.11	0.11-0.14	0.0-2.9	1.0-2.0	.24	.37	2	5	---
	4-13	---	---	10-18	1.40-1.50	14.11-42.34	0.09-0.14	0.0-2.9	0.5-1.0	.17	.32			
	13-60	---	---	10-18	1.40-1.60	14.11-42.34	0.06-0.11	0.0-2.9	0.0-0.5	.10	.32			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s8104:														
Sitar	0-8	---	---	18-27	1.15-1.25	1.41-4.23	0.16-0.20	0.0-2.9	0.5-2.0	.37	.43	2	4L	---
	8-29	---	---	12-18	1.15-1.25	4.23-14.11	0.10-0.16	0.0-2.9	---	.20	.37			
	29-60	---	---	8-18	1.15-1.25	14.11-42.34	0.08-0.12	0.0-2.9	---	.17	.49			
s8189:														
Badland	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Rock outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Clapper	0-3	---	---	18-27	1.25-1.30	4.23-14.11	0.10-0.13	0.0-2.9	0.5-1.0	.15	.37	1	8	0
	3-10	---	---	18-27	1.25-1.30	4.23-14.11	0.10-0.13	0.0-2.9	---	.20	.32			
	10-60	---	---	18-27	1.25-1.30	4.23-14.11	0.08-0.10	0.0-2.9	---	.10	.32			
Bluechief	0-3	---	---	5-10	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	0.5-1.0	.37	.37	2	3	---
	3-25	---	---	10-15	1.40-1.50	14.11-42.34	0.11-0.13	0.0-2.9	---	.43	.43			
	25-38	---	---	12-18	1.40-1.50	14.11-42.34	0.11-0.14	0.0-2.9	---	.43	.17			
	38-42	---	---	---	---	---	---	---	---	---	---			
Myton family	0-3	---	---	27-35	1.15-1.30	0.42-1.41	0.12-0.16	3.0-5.9	0.5-1.0	.20	.37	3	5	---
	3-9	---	---	27-35	1.20-1.30	1.41-4.23	0.16-0.18	3.0-5.9	0.5-1.0	.28	.24			
	9-14	---	---	18-27	1.25-1.40	4.23-14.11	0.11-0.14	0.0-2.9	0.5-1.0	.32	.32			
	14-26	---	---	18-27	1.30-1.50	4.23-14.11	0.06-0.11	0.0-2.9	0.5-1.0	.15	.32			
	26-60	---	---	20-35	1.25-1.40	4.23-14.11	0.09-0.12	0.0-2.9	0.5-1.0	.10	.24			
Rairdent family	0-8	---	---	18-23	1.25-1.30	4.23-14.11	0.16-0.18	0.0-2.9	0.5-1.0	.32	.32	3	4L	---
	8-30	---	---	20-28	1.25-1.30	4.23-14.11	0.16-0.18	3.0-5.9	---	.43	.43			
	30-60	---	---	16-22	1.30-1.45	4.23-14.11	0.13-0.17	0.0-2.9	---	.32	.32			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s8189:														
Rizno	0-2	---	---	3-18	1.30-1.55	14.11-42.34	0.08-0.12	0.0-2.9	0.5-1.0	.32	.24	1	3	---
	2-8	---	---	5-18	1.30-1.55	14.11-42.34	0.08-0.12	0.0-2.9	0.5-1.0	.20	.32			
	8-10	---	---	5-18	1.30-1.55	14.11-42.34	0.08-0.12	0.0-2.9	0.5-1.0	.32	.17			
	10-14	---	---	---	---	0.00-1.41	---	---	---	---	---			
Wayneco	0-3	---	---	6-10	1.40-1.50	14.11-42.34	0.06-0.10	0.0-2.9	1.0-2.0	.17	.24	1	3	---
	3-9	---	---	5-10	1.45-1.50	14.11-42.34	0.04-0.08	0.0-2.9	0.0-0.5	.17	.15			
	9-19	---	---	10-18	1.35-1.40	4.23-14.11	0.08-0.13	0.0-2.9	0.0-0.5	.28	.32			
	19-23	---	---	---	---	0.00-1.41	---	---	---	---	---			
s8369:														
Water	---	---	---	---	---	---	---	---	---	---	---	---	---	---
s9583:														
Badland	0-1	---	---	---	---	---	---	---	---	---	---	---	---	---
	1-60	---	---	---	---	---	---	6.0-8.9	---	---	---	---	---	---
Torriorthents	0-10	---	---	---	---	---	---	---	---	---	---	2	---	---
	10-60	---	---	---	---	---	---	6.0-8.9	---	---	---	---	---	---
Burnswick	0-3	---	---	20-35	1.25-1.35	1.40-4.00	0.03-0.08	3.0-5.9	0.5-1.0	.24	.28	5	4L	86
	3-16	---	---	20-35	1.35-1.50	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			
	16-41	---	---	20-35	1.35-1.50	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			
	41-53	---	---	5-20	1.10-1.30	14.00-42.00	0.02-0.07	0.0-2.9	0.0-0.5	.20	.20			
	53-60	---	---	20-35	1.25-1.35	1.40-4.00	0.03-0.08	3.0-5.9	0.0-0.5	.28	.28			
Claysprings	0-3	---	---	40-50	1.15-1.30	0.00-0.42	0.14-0.16	6.0-8.9	0.5-1.0	.28	.28	2	4	86
	3-18	---	---	40-55	1.15-1.30	0.00-0.42	0.14-0.16	6.0-8.9	0.0-0.5	.28	.28			
	18-28	---	---	---	---	---	---	---	---	---	---			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s9583:														
Marcou	0-6	---	---	3-5	1.45-1.60	14.00-42.00	0.05-0.08	0.0-2.9	0.5-1.0	.15	.15	5	2	134
	6-47	---	---	10-15	1.35-1.50	4.00-14.00	0.09-0.11	0.0-2.9	0.0-0.5	.20	.20			
	47-54	---	---	20-35	1.20-1.30	4.00-14.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.28			
	54-60	---	---	1-10	1.50-1.60	42.00-141.00	0.02-0.04	0.0-2.9	0.0-0.5	.15	.15			
Rock outcrop	0-60	---	---	---	1.50-1.80	---	---	---	---	---	---	---	8	0
s9584:														
Strych	0-2	---	---	10-20	1.35-1.45	14.00-42.00	0.03-0.05	0.0-2.9	1.0-2.0	.05	.24	5	8	0
	2-9	---	---	7-20	1.35-1.45	14.00-42.00	0.07-0.09	0.0-2.9	1.0-2.0	.10	.32			
	9-23	---	---	10-20	1.35-1.45	14.00-42.00	0.06-0.10	0.0-2.9	0.5-1.0	.10	.17			
	23-60	---	---	10-20	1.35-1.45	14.00-42.00	0.03-0.05	0.0-2.9	0.0-0.5	.05	.17			
Rock outcrop	0-60	---	---	---	1.50-1.80	0.00-1.40	---	---	0.0	---	---	---	8	0
Monue	0-1	---	---	5-15	1.25-1.35	4.00-14.00	0.13-0.17	0.0-2.9	0.0-0.5	.37	.37	5	3	86
	1-46	---	---	10-18	1.25-1.55	14.00-42.00	0.13-0.15	0.0-2.9	0.0-0.5	.24	.28			
	46-84	---	---	0-5	1.45-1.65	42.00-141.00	0.06-0.08	0.0-2.9	0.0-0.5	.24	.24			
Begay	0-4	---	---	5-15	1.25-1.35	4.00-14.00	0.14-0.17	0.0-2.9	1.0-2.0	.32	.32	5	3	86
	4-57	---	---	5-15	1.25-1.55	14.00-42.00	0.12-0.15	0.0-2.9	0.5-1.0	.32	.32			
	57-84	---	---	5-10	1.45-1.65	42.00-141.00	0.07-0.10	0.0-2.9	0.0-0.5	.17	.24			
Kinan	0-1	---	---	3-10	1.20-1.30	42.00-141.00	0.05-0.06	0.0-2.9	0.5-1.0	.10	.32	5	3	86
	1-12	---	---	10-20	1.10-1.20	14.00-42.00	0.11-0.14	0.0-2.9	0.0-0.5	.24	.28			
	12-30	---	---	10-18	1.25-1.35	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.24	.32			
	30-84	---	---	3-8	1.45-1.55	42.00-141.00	0.04-0.07	0.0-2.9	0.0-0.5	.15	.20			

Physical Soil Properties

United States

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
s9584:														
Penistaja	0-2	---	---	10-20	1.25-1.55	4.00-14.00	0.13-0.15	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	2-18	---	---	20-30	1.55-1.75	4.00-14.00	0.15-0.18	0.0-2.9	0.5-1.0	.32	.32			
	18-58	---	---	15-25	1.25-1.55	14.00-42.00	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
	58-84	---	---	5-10	1.45-1.65	42.00-141.00	0.04-0.07	0.0-2.9	0.0-0.5	.20	.20			
Mido	0-3	---	---	2-10	1.45-1.65	42.00-141.00	0.08-0.10	0.0-2.9	0.5-1.0	.37	.37	5	2	134
	3-84	---	---	3-8	1.55-1.65	42.00-141.00	0.05-0.09	0.0-2.9	0.0-0.5	.32	.32			