

APPENDIX A
SOILS IN THE OVERTON POWER PROJECT AREA

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S		
1	Overton Power 9-year Plan Soils																				
2	Last Update: 2/23/11																				
3																					
4	Map Unit			Overton Power ROW			Map Unit Setting			Detail of major soil type(s)											
5										Setting					Properties and Qualities					Interpretive Groups	
6	Map Unit Symbol	Map Unit Name	Slope % [estimated]	Area (m ²)	Acres	Percent (of ROW)	Mean annual precipitation (inches)	Mean annual air temperature (°F)	Frost free period (days)	Landform	Parent material	Slope (%)	Depth to restrictive feature (inches)	Drainage class	Depth to water table (inches)	Frequency of flooding	Maximum salinity	Land capability classification (irrigated)	Land capability (nonirrigated)		
7	Ad	Alluvial land	[0 - 2]	12,925	3.19	0.16	-	-	-	Flood plains	-	-	-	Somewhat poorly drained	About 12 - 35	Frequent	Nonsaline (0.0 to 2.0 mmhos/cm)	-	-		
8	AMC	Arada fine sand	2 - 8	432,222	106.95	5.33	4 - 6	63 - 68	220 - 270	Fan remnants	Eolian deposits derived from mixed sources	2 - 8	More than 80	Somewhat excessively drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	4s	7s		
9	AOB	Arada fine sand, gravelly substratum	0 - 4	44,504	11.01	0.55	4 - 6	63 - 68	220 - 270	Fan remnants	Eolian deposits derived from mixed sources	0 - 4	More than 80	Somewhat excessively drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	4s	7s		
10	ASC	Arada fine sand, hardpan variant	2 - 8	246,876	61.09	3.05	-	-	-	Fan remnants	Eolian deposits	2 - 8	21 - 36	Somewhat excessively drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	4s	7s		
11	AVB	Arizo gravelly fine sand	2 - 4	107,184	26.47	1.32	4 - 10	57 - 66	200 - 260	Inset fans	Alluvium derived from mixed sources	2 - 4	More than 80	Excessively drained	More than 80	Occasional	Nonsaline (0.0 to 2.0 mmhos/cm)	-	7w		
12	BD	Badland	[15 - 75]	470,101	116.11	5.80	-	-	-	Fan remnants	-	-	-	-	-	-	-	-	-		
13	BFD	Bard gravelly fine sand	4 - 15	754,412	186.34	9.31	4 - 6	59 - 66	220 - 260	Fan remnants	Alluvium derived from limestone and dolomite	4 - 15	14 - 20 to petrocalcic	Well drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	4e	7s		
14	BHC	Bard gravelly fine sandy loam	2 - 8	207,240	51.19	2.56	5 - 7	63 - 65	220 - 240	Fan remnants	Alluvium derived from limestone and dolomite	2 - 8	14 - 20 to petrocalcic	Well drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	4e	7s		
15	BTC	Bitter Spring-Arizo association	moderately sloping	664,815	164.21	8.20	3 - 10	57 - 72	180 - 300	Fan remnants	Alluvium derived from mixed sources	2 - 15	More than 80	Well drained	More than 80	None	Strongly saline (30.0 to 40.0 mmhos/cm)	4e	6s		
16										Drainageways	Alluvium derived from mixed sources	4 - 8	More than 80	Excessively drained	More than 80	Occasional	Nonsaline (0.0 to 2.0 mmhos/cm)	-	7w		
17	Bu	Black Butte silt loam	[0 - 2]	3,738	0.92	0.05	5 - 7	66 - 68	180 - 300	Flood-plain steps	Alluvium derived from sedimentary rock	0 - 2	More than 80	Well drained	More than 80	Rare	Strongly saline (30.0 to 130.0 mmhos/cm)	3s	7s		
18	Bw	Bluepoint loamy fine sand	[0 - 2]	80,939	19.99	1.00	4 - 10	55 - 66	220 - 300	Flood plains	Eolian deposits derived from mixed sources	0 - 2	More than 80	Somewhat excessively drained	About 48 - 72 inches	Rare	Nonsaline to slightly saline (0.0 to 8.0 mmhos/cm)	3s	7s		
19	Cd	Calico fine sandy loam, strongly saline	[0 - 2]	879	0.22	0.01	4 - 6	53 - 66	240 - 300	Flood plains	Alluvium derived from mixed sources	0 - 2	More than 80	Somewhat poorly drained	About 36 - 48 inches	Occasional	Moderately saline to strongly saline (16.0 to 32.0 mmhos/cm)	-	7w		
20	Co	Calico loamy fine sand, coarse variant, strongly saline	[0 - 2]	25,686	6.34	0.32	4 - 6	66 - 70	220 - 250	Flood plains	Alluvium derived from mixed sources	0 - 2	More than 80	Somewhat poorly drained	About 36 - 48 inches	Occasional	Slightly saline to strongly saline (8.0 to 32.0 mmhos/cm)	3w	7w		
21	Ea	Eastland gravelly sandy loam	[0 - 2]	139,267	34.40	1.72	4 - 6	64 - 66	235 - 280	Fan remnants	Alluvium derived from mixed sources	0 - 2	More than 80	Well drained	About 48 - 72 inches	Rare	Nonsaline (0.0 to 2.0 mmhos/cm)	4s	7s		
22	Gf	Gila loam, strongly saline	[0 - 2]	106,159	26.22	1.31	4 - 12	64 - 70	240	Fan remnants	Alluvium derived from mixed sources	0 - 2	More than 80	Well drained	More than 80	Occasional	Moderately saline to strongly saline (16.0 to 32.0 mmhos/cm)	2w	7w		
23	HUF	Huevi-Badland association	[8 - 30]	53,337	13.17	0.66	3 - 5	70 - 76	300 - 360	Fan remnants	Mixed gravelly alluvium	8 - 30	More than 80	Well drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	-	7s		
24										Rock pediments	Tertiary sandy and silty lacustrine deposits	-	-	-	-	-	-	-	8s		
25	It	Ireteba loam, overflow	[0 - 2]	60,498	14.94	0.75	4 - 6	66 - 70	220 - 260	Flood plains	Alluvium derived from mixed sources	0 - 2	More than 80	Well drained	More than 80	Frequent	Slightly saline to strongly saline (8.0 to 32.0 mmhos/cm)	2w	7w		
26										Fan remnants	Residuum weathered from sandstone	4 - 15	40 - 60 to paralithic bedrock	Well drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	-	7s		
27	MBG	Monger-Bard-Typic Torriorthents association	[2 - 75]	146,122	36.09	1.80	4 - 7	59 - 68	220 - 300	Fan remnants	Alluvium derived from limestone and dolomite	2 - 4	14 - 20 to petrocalcic	Well drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	-	7s		
28										Rock pediments	Colluvium derived from sedimentary rock over residuum weathered from sedimentary rock	30 - 75	More than 80	Well drained	More than 80	None	Nonsaline to slightly saline (2.0 to 8.0 mmhos/cm)	-	7e		
29	MOB	Mormon Mesa fine sandy loam	0 - 8	1,662,873	410.73	20.52	4 - 6	64 - 70	235 - 260	Fan remnants	Tertiary lacustrine deposits	0 - 8	10 - 20 to petrocalcic	Well drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	-	7s		
30	Ox	Oxyaquic Torriorthents-Toquop complex	0 - 8	51,474	12.71	0.64	3 - 5	66 - 72	280 - 320	Flood-plain steps	Alluvium derived from mixed sources	2 - 8	More than 80	Somewhat poorly drained	About 20 - 35 inches	Frequent	Moderately saline to strongly saline (16.0 to 32.0 mmhos/cm)	-	7w		
31										Stream terraces	Calcareous alluvium derived from sedimentary rock	0 - 2	More than 80	Excessively drained	More than 80	None	Nonsaline (0.0 to 2.0 mmhos/cm)	4s	7s		
32	PL	Playas	[0 - 1]	17,182	4.24	0.21	-	-	-	Playas	-	0 - 1	-	Very poorly drained	About 0 inches	-	Moderately saline to strongly saline (16.0 to 32.0 mmhos/cm)	-	8w		

