

Table D6-11 Summary of Aquifer Characteristics (Page 1 of 3)

Hydrostratigraphic Unit	Thickness (feet) [typical]	Porosity ¹	Transmissivity ²				Storativity		Horizontal Hydraulic Conductivity ³ (feet/day)		Vertical Hydraulic Conductivity ⁴	
			(gpd/ft)		(ft ² /d)							
			N of Fault ⁵	S of Fault ⁵	N of Fault	S of Fault	N of Fault	S of Fault	N of Fault	S of Fault	cm/sec	ft/day
DE	0 to 120 [40]	0.28	NM ⁶	10 to 1100	NM ⁶	1.3 to 147	NM	ND ⁷	NM	0.03 to 3.7	- ⁸	- ⁸
Upper No Name Shale	0 to 50 [5 to 15]	NA ⁹	NA	NA	NA	NA	NA	NA	NA	NA	-	-
FG Horizon (includes LFG, MFG and UFG)	30 to 150 [50]	0.28	30 to 90	120 to 300	4 to 12	16 to 40	ND	ND	0.08 to 0.24	0.3 to 0.8	-	-
Lost Creek Shale	5 to 45 [10 to 25]	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.6E-06 to 5.4E-05	0.016 to 0.15
HJ Horizon (includes LHJ, MHJ and UHJ)	100 to 160 [120]	0.28	220 to 2700	365 to 1820	29 to 361	49 to 243	6.6E-05 to 1.5E-04	3.5E-05 to 9.1E-04	0.2 to 3.0	0.4 to 2.0	-	-
Sage Brush Shale	5 to 75 [20 to 30]	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.1E-07 to 1.4E-06	0.0009 to 0.004
UKM	20 to 75 [50]	0.28	520 to 860	195 to 700	70 to 115	26 to 94	ND	ND	1.4 to 2.3	0.5 to 1.9	-	-