

**Table D6-7a Horizontal Hydraulic Gradient, Lost Creek Project (Page 1 of 3)**

<b>Well Pair</b>	<b>Easting (feet)</b>	<b>Northing (feet)</b>	<b>Water Level Elevation (feet above mean sea level)</b>	<b>Distance Between Wells (feet)</b>	<b>Head Difference (feet)</b>	<b>Hydraulic Gradient (foot/foot)</b>	<b>Description (Aquifer, Location and Date)</b>
LC16M	744553	534811	6757.59	8491	38.19	0.0045	HJ Aquifer-South Side of Fault 2006
LC22M	736292	532850	6719.40				
M-25-92-17-1M	745813	536223	6781.80	3268	11.00	0.0034	HJ Aquifer-North Side of Fault 1982
M-25-92-18-1M	742623	535515	6770.80				
M-25-92-20-1M	745023	534520	6758.90	2401	13.40	0.0056	HJ Aquifer-South Side of Fault 1982
M-25-92-19-2M	742623	534500	6745.50				
M-25-92-20-1M	745023	534520	6758.90	2401	9.10	0.0038	HJ Aquifer-South Side of Fault 1982
M-25-92-19-1M	742622	534524	6749.80				
LC16M	744553	534811	6758.24	853	3.45	0.0040	HJ Aquifer-South Side of Fault 2007
HJMP-107	743700	534800	6754.79				
HJMP-111	743850	535370	6773.38	1060	4.18	0.0039	HJ Aquifer-North Side of Fault 2007
HJMP-104	742900	534900	6769.20				
UKMO-103	744501	535556	6774.50	1744	8.70	0.0050	HJ Aquifer North Side of Fault 2007
HJMP104	742886	534897	6765.80				
M-25-92-17-1S	745785	536224	6792.90	3217	14.90	0.0046	LFG Aquifer-North Side of Fault 1982
M-25-92-18-1S	742648	535513	6778.00				

**Table D6-7a Horizontal Hydraulic Gradient, Lost Creek Project (Page 2 of 3)**

<b>Well Pair</b>	<b>Easting (feet)</b>	<b>Northing (feet)</b>	<b>Water Level Elevation (feet above mean sea level)</b>	<b>Distance Between Wells (feet)</b>	<b>Head Difference (feet)</b>	<b>Hydraulic Gradient (foot/foot)</b>	<b>Description (Aquifer, Location and Date)</b>
LC15M	744546	534823	6776.23	1170	5.60	0.0048	LFG Aquifer-South Side of Fault 2006
LC25M	743397	534601	6770.63				
LC15M	744546	534823	6776.23	8501	48.15	0.0057	LFG Aquifer-South Side of Fault 2006
LC21M	736277	532850	6728.08				
LC25M	743397	534601	6770.63	7332	42.55	0.0058	LFG Aquifer-South Side of Fault 2006
LC21M	736277	532850	6728.08				
HJMO-111	743836	535365	6784.00	1059	5.60	0.0053	LFG aquifer North Side of Fault 2007
HJMO-104	742886	534897	6778.40				
M-25-92-17-1D	745837	536222	6761.60	3317	21.00	0.0063	UKM Aquifer-North Side of Fault 1982
M-25-92-18-1D	742596	535517	6740.60				
LC17M	744562	534840	6751.53	8510	45.06	0.0053	UKM Aquifer-South Side of Fault 2006
LC23M	736292	532835	6706.47				
UKMP-103	744501	535556	6750.50	1744	6.70	0.0038	UKM aquifer North Side of Fault 2007
HJMUP104	742886	534897	6743.80				
LC29M	744547	534837	6783.11	8510	54.73	0.0064	DE Aquifer-South Side of Fault 2006
LC30M	736276	532836	6728.38				

**Table D6-7a Horizontal Hydraulic Gradient, Lost Creek Project (Page 3 of 3)**

<b>Horizontal Hydraulic Gradient Estimated from Potentiometric Surface Maps from 12/08/08 (Figures D6-11a through D6-11d)</b>					
	<b>Distance (feet)</b>	<b>Head Upgradient</b>	<b>Head Downgradient</b>	<b>Head Difference (feet)</b>	<b>Hydraulic Gradient (foot/foot)</b>
<b>DE North Side of Fault</b>	21000	6860	6710	150	0.0071
<b>DE South Side of Fault</b>	12500	6780	6690	90	0.0072
<b>LFG North Side of Fault</b>	21500	6820	6710	110	0.0051
<b>LFG South Side of Fault</b>	14000	6780	6680	100	0.0071
<b>HJ North Side of Fault</b>	20500	6800	6700	100	0.0049
<b>HJ South Side of Fault</b>	13500	6760	6680	80	0.0059
<b>UKM North Side of Fault</b>	20500	6790	6680	110	0.0054
<b>UKM South Side of Fault</b>	12700	6750	6670	80	0.0063