Table 2.7-11a 2007 LC19M Pump Test Results

Well ID	Type Well	Underreamed interval (feet)	Distance from pumping well (feet)	Same side of fault as pumping well?	Drawdown at End of Pumping	Transmissivity (ft^2/d)				Hydraulic Conductivity (ft/d) [1]
						Theis	Theis Recovery	Average	Storage Coefficient	
LC19M	Pumping	51	0	Yes	93.3	-	56.7	56.7	-	0.47
HJT-104	Prod. Zone Monitor	50	501	Yes	40.5	30.0	56.9	43.5	9.60E-05	0.36
HJMP-104	Prod. Zone Monitor	25	638	Yes	36.5	61.3	56.8	59.1	6.60E-05	0.49
HJMP-110	Prod. Zone Monitor	45	338	Yes	40.5	66.4	63.0	64.7	1.30E-04	0.54
HJMP-111	Prod. Zone Monitor	45	470	Yes	35.6	69.8	64.1	67.0	9.10E-05	0.56
UKMO-102						75.5	76.9	76.2	1.50E-04	0.64
	Average	43	-	-	-	60.6	62.4	61.2	1.07E-04	0.51
HJMP-107	Prod. Zone Monitor	17	606	No	1.4	NA [3]	NA	NA	NA	NA
LC16M	Prod. Zone Monitor	57	1284	No	1.2	NA	NA	NA	NA	NA
LC20M	Underlying Monitor	32	14	Yes	-0.7	NA	NA	NA	NA	NA
UKMP-102	Underlying Monitor	20	785	Yes	1.2	NA	NA	NA	NA	NA
UKMP-101	Underlying Monitor	32	815	No	2.6 [2]	NA	NA	NA	NA	NA
LC18M	Overlying Monitor	42	15	Yes	1.1	NA	NA	NA	NA	NA
LC25M	Overlying Monitor	53	697	No	1.6	NA	NA	NA	NA	NA

[1] Hydraulic Conductivity Calculated from Average Transmissivity and Estimated Aquifer Thickness of 120 feet.

[2] Value shifted abruptly downward 2.7 feet between consecutive measure points one hour prior to end of test.

[3] NA - Not analyzed because of insufficient response