

**Table OP-9 Drawdown Ratios between HJ, FG, and KM Horizons at End of Mine Unit 1 Pump Tests**

<b>North Test</b>							
HJ Well	Drawdown	FG Well	Drawdown	KM Well	Drawdown	HJ/FG Drawdown Ratio	HJ/ KM Drawdown Ratio
PW-102 <sup>(1)</sup>	111.1	-	-	-	-	-	-
HJMP-101	30.7	HJMO-101	0.69	HJMU-101	0.7	44.5	43.2
HJMP-104	40.0	HJMO-104	0.78	HJMU-104	2.0	51.3	19.8
HJMP-105	37.3	HJMO-105	0.91	HJMU-105	1.8	41.0	20.6
HJMP-108	27.0	HJMO-108	0.10 <sup>(2)</sup>	HJMU-108	0.5	NA	52.8
HJMP-110	23.6	HJMO-110	0.44	HJMU-110	0.5	53.7	43.8
LC19M	28.8	LC18M	0.48	LC20M	0.6	60.1	51.5
MP-105	20.0	MO-105	0.33	MU-105	0.3	60.5	62.4
MP-106	30.8	MO-106	0.95	MU-106	0.9	32.4	32.7
MP-107	48.6	MO-107	1.23	MU-107	2.1	39.5	23.2
MP-108	40.3	MO-108	1.06	MU-108	24.7 <sup>(3)</sup>	38.0	NA
MP-110	25.7	MO-110	0.66	MU-110	0.6	39.0	42.2
MP-111	22.8	MO-111	0.51	MU-111	0.6	44.7	35.6
MP-112	18.3	MO-112	0.10 <sup>(2)</sup>	MU-112	0.4	NA	48.2
UKMO-102	12.8	MO-115	0.70	UKMP-102	0.4	18.3	33.7
<b>Average North Side</b>						<b>43.6</b>	<b>39.2</b>
<b>South Test</b>							
HJ Well	Drawdown	FG Well	Drawdown	KM Well	Drawdown	HJ/FG Drawdown Ratio	HJ/ KM Drawdown Ratio
PW-101 <sup>(4)</sup>	63.5	-	-	-	-	-	-
UKMO-101	17.4	MO-114	1.92	UKMP-101	0.4	9.0	48.7
MP-113	7.2	MO-113	0.01 <sup>(2)</sup>	MU-113	0.7	NA	10.9
MP-109	18.7	MO-109	0.06 <sup>(2)</sup>	MU-109	3.8	NA	4.9
MP-104	48.1	MO-104	0.77	MU-103	1.3	62.6	35.7
MP-103	36.1	MO-103	0.31	MU-102	0.9	114.9	40.2
MP-102	19.5	MO-102	0.26	MU-101	0.6	74.8	33.8
MP-101	8.3	MO-101	0.03 <sup>(2)</sup>	LC24M	0.5	NA	17.6
LC16M	29.6	LC15M	0.20	LC17M	1.2	147.9	24.2
HJMP-113	35.3	HJMO-113	0.83	HJMU-113	1.2	42.6	28.7
HJMP-109	41.7	HJMO-109	0.90	HJMU-109	1.8	46.4	23.3
<b>Average South Side</b>						<b>71.2</b>	<b>26.8</b>
<b>Average North and South Side</b>						<b>53.7</b>	<b>33.8</b>

<sup>(1)</sup> Pumping Well Used for North Test

<sup>(2)</sup> Wells that recorded drawdown of 0.1 ft or less at the end of the pumping tests were not used in the calculations

<sup>(3)</sup> Large drawdown was the result of improperly completed borehole, well was later abandoned Retesting confirmed plugging of borehole was successful. Data not used for calculating ratios

<sup>(4)</sup> Pumping Well used for South Test