TABLE 5-3

FIELD HYDRAULIC CONDUCTIVITY TEST RESULTS

Piezometer	Slug Test Hydraulic Conductivity (cm/sec)	Screened Interval Soil/Rock Classification
P-03SR	$8.6x10^{-3}$	LS
P-03DR	$1.2x10^{-7}$	DL-LS
P-04S	$6.1x10^{-3}$	CL, DL-LS
P-04D	$6.4x10^{-4}$	DL
WT-05	$2.1x10^{-3}$	CL, SM, LS
P-05S	$1.7x10^{-2}$	CL, SM, LS
P-05D	$1.1x10^{-3}$	DL
WT-06	$1.1x10^{-4}$	CL, CH
P-06S	$5.2x10^{-4}$	CL, DL, DL-LS
P-06D	$6.8x10^{-4}$	DL
WT-07	$3.6x10^{-4}$	CL,SM
P-07S	$2.5x10^{-3}$	CL, SM, LS, DL-LS
P-07D	$2.3x10^{-3}$	DL
P-08S	$1.9x10^{-2}$	LS
P-08D	$1.5x10^{-3}$	LS, DL, DL-LS
P-22S	$3.3x10^{-3}$	LS
P-22I	$1.6x10^{-4}$	LS, DL-LS
P-22D	$3.0x10^{-3}$	DL-LS
P-50S	$9.8x10^{-5}$	DL-LS
P-50D	$4.4x10^{-3}$	DL
WT-53	$1.6x10^{-4}$	CL, SM, SW-SM, SP
P-53I	$9.2x10^{-3}$	DL-LS
WT-202	$1.2x10^{-4}$	CL, LS
P-202S	$2.0x10^{-4}$	LS
P-202I	$1.5x10^{-3}$	LS
P-202D	$3.4x10^{-3}$	DL
P-204S	$1.0x10^{-5}$	LS
P-204I	$3.4x10^{-3}$	DL-LS
P-204D	$5.2x10^{-3}$	DL-LS
P-207S	$7.8x10^{-6}$	LS
P-207D	$4.5x10^{-6}$	LS
WT-208	$2.0x10^{-2}$	CL, LS
P-208S	$1.9x10^{-4}$	LS
P-208I	$2.0x10^{-5}$	LS
P-208D	$4.4x10^{-3}$	DL-LS
WT-209	$2.3x10^{-2}$	CL, LS
P-209S	$5.3x10^{-4}$	LS
P-209I	$2.9x10^{-6}$	LS
P-209D	$1.7x10^{-3}$	DL
WT-211	$1.1x10^{-2}$	CL, CL-ML, LS
P-211S	$7.3x10^{-4}$	LS
P-211I	$4.3x10^{-8}$	LS
P-211D	$1.5x10^{-3}$	DL-LS

VILLAGE OF MINOOKA EXHIBIT "7"

TABLE 5-3

FIELD HYDRAULIC CONDUCTIVITY TEST RESULTS

Piezometer	Aquifer Test Hydraulic Conductivity (cm/sec)	Unit Tested
TW-2D	$7.9x10^{-4}$	Galena Aquifer
TW2P-1S	$4.4x10^{-4}$	Galena Aquifer
TW2P-1D	$6.5x10^{-4}$	Galena Aquifer
TW2P-2S	$5.1x10^{-4}$	Galena Aquifer
TW2P-2D	$7.3x10^{-4}$	Galena Aquifer
TW2P-3S	$4.5x10^{-4}$	Galena Aquifer
TW2P-3D	$5.8x10^{-4}$	Galena Aquifer
TW2P-4S	$6.5x10^{-4}$	Galena Aquifer
TW2P-4D	$6.4x10^{-4}$	Galena Aquifer
Geometric Mean =	**$5.9x10^{-4}$**	

NOTES:
cm/sec = centimeters per second
Soil/Rock Classification Symbols:
DL = Dolomite
DL-LS = Dolomitic limestone
LS = Limestone
CS = Claystone
CL = Lean clay
ML = Silt
SM = Silty sand
SW-SM = Well graded sand with silt
SP = Poorly graded sand
GW-GC = Well graded gravel with clay