

PHYSICAL PROPERTIES DATA - PORE FLUID SATURATIONS

(METHODOLOGY: ASTM D2216 / API RP40, API RP40)

PROJECT NAME: Example Site
PROJECT NO: 12345.0001

METHODS: **API RP 40 /**
ASTM D2216 **API RP 40** **API RP 40** **API RP 40**

| SAMPLE ID. | DEPTH, ft. | SAMPLE ORIENT. (1) | MOISTURE CONTENT (% wt) | DENSITY | | POROSITY, %V _b (2) | | PORE FLUID SATURATIONS, % P _v (3) | |
|------------|------------|--------------------|-------------------------|-------------|--------------|-------------------------------|------------|--|--------|
| | | | | BULK (g/cc) | GRAIN (g/cc) | TOTAL | AIR FILLED | WATER | NAPL |
| | | | | MW-01 | 10.5 | H | 31.7 | 1.32 | 2.62 |
| MW-01 | 11.5 | H | 32.4 | 1.10 | 2.64 | 59.8 | 23.6 | 57.3 | 3.2 |
| MW-01 | 12.5 | H | 27.9 | 1.43 | 2.63 | 47.6 | 6.8 | 76.3 | 9.5 |
| MW-01 | 13.5 | H | 27.9 | 1.40 | 2.64 | 49.0 | 8.7 | 70.3 | 11.9 |
| MW-01 | 14.5 | H | 26.2 | 1.54 | 2.63 | 43.6 | 3.0 | 91.3 | 1.8 |
| MW-01 | 15.5 | H | 26.6 | 1.42 | 2.63 | 48.1 | 9.0 | 67.9 | 13.3 |
| MW-01 | 16.5 | H | 20.9 | 1.57 | 2.63 | 42.6 | 9.4 | 73.4 | 4.6 |
| MW-01 | 17.5 | H | 23.2 | 1.46 | 2.63 | 46.7 | 12.5 | 69.3 | 4.1 |
| MW-01 | 18.5 | H | 29.0 | 1.43 | 2.64 | 47.9 | 6.1 | 87.0 | 0.2 |
| MW-01 | 19.5 | H | 28.6 | 1.42 | 2.62 | 47.8 | 6.9 | 82.2 | 3.4 |
| MW-01 | 20.5 | H | 22.6 | 1.45 | 2.65 | 46.8 | 13.8 | 68.6 | ND<0.1 |
| MW-02 | 15.1 | H | 23.2 | 1.46 | 2.65 | 46.6 | 12.1 | 68.2 | 5.9 |
| MW-02 | 16.1 | H | 27.4 | 1.37 | 2.66 | 49.8 | 11.7 | 73.1 | 3.3 |
| MW-02 | 17.2 | H | 30.7 | 1.39 | 2.64 | 49.3 | 4.9 | 72.1 | 17.9 |
| MW-02 | 18.5 | H | 38.9 | 1.27 | 2.62 | 53.4 | 3.1 | 84.7 | 9.5 |
| MW-02 | 19.6 | H | 32.3 | 1.35 | 2.63 | 50.2 | 5.8 | 83.3 | 5.1 |

(1) Sample Orientation: H = horizontal; V = vertical (2) Total Porosity = no pore fluids in place; all interconnected pore channels; Air Filled = pore channels not occupied by pore fluids (3) Water = 0.9989 g/cc, Hydrocarbon = 0.8036 g/cc; V_b = Bulk Volume, cc; P_v = Pore Volume, cc; ND = Not Detected