

**PHYSICAL PROPERTIES DATA**

TNRCC RG-36 RBCA Soil Parameters

PROJECT NAME: Physical Properties - TRRP  
PROJECT NO: 012345-099

**METHODS:**

API RP40      WALKLEY-BLACK      ASTM D2216/API RP40      API RP40      API RP40      EPA 9100

SAMPLE ID.	SAMPLE DEPTH, (ft.)	SAMPLE ORIENTATION (1)	BULK DENSITY (g/cc)	FRACTION ORGANIC CARBON (g/g)	VOLUMETRIC MOISTURE CONTENT AS FRACTION OF V <sub>b</sub> (cm <sup>3</sup> /cm <sup>3</sup> )	AIR FILLED POROSITY, % V <sub>b</sub>	TOTAL POROSITY, % V <sub>b</sub>	EPA 9100	
								25.0 PSI CONFINING STRESS	
								INTRINSIC PERMEABILITY TO WATER (cm <sup>2</sup> )	NATIVE HYDRAULIC CONDUCTIVITY (cm/s)
MW-01	15.0	V	1.55	6.90E-04	0.297	12.1	41.8	5.61E-12	5.38E-07
MW-01	18.0	V	1.56	9.90E-04	0.333	7.9	41.2	6.91E-11	6.57E-06
MW-02B	16.0	V	1.59	1.02E-03	0.345	5.2	39.7	8.71E-12	8.46E-07
MW-03	12.0	V	1.45	7.30E-04	0.346	11.2	45.8	1.29E-11	1.24E-06
MW-04	15.0	V	1.34	7.25E-03	0.370	10.6	47.5	1.18E-12	1.18E-07
MW-04	19.0	V	1.39	1.35E-03	0.384	8.1	46.5	1.59E-12	1.58E-07

(1) Sample Orientation: H = Horizontal; V = Vertical

V<sub>b</sub> = Bulk Volume, cc  
P<sub>v</sub> = Pore Volume, cc  
ND = Not Detected