PTS File No: 41516
Client: Shaw E & I

PHYSICAL PROPERTIES DATA - HYDRAULIC CONDUCTIVITY

PROJECT NAME: KAFBBFF
PROJECT NO: 667917

		METHODS:	API RP 40; EPA 9100	
			25 PSI CONFINING STRESS	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENTATION (1)	EFFECTIVE (2,3) PERMEABILITY TO WATER, millidarcy	HYDRAULIC CONDUCTIVITY (2,3), cm/s
106040-535	N/A	R	9657	9.48E-03
106089-490	N/A	R	11782	1.16E-02
106052-465	N/A	R	11079	1.08E-02
106039-520	N/A	R	7970	7.82E-03
106043-540	N/A	R	13970	1.37E-02
106086-477	N/A	R	19983	1.96E-02
106099-510	N/A	R	16263	1.58E-02
106093-550	N/A	R	1541	1.50E-03
106090-560	N/A	R	14747	1.44E-02
106065-515	N/A	R	14204	1.39E-02
106050-475	N/A	R	8402	8.22E-03
106074-570	N/A	R	15864	1.61E-02
106071-565	N/A	R	7677	7.57E-03
106100-535	N/A	R	17859	1.77E-02
106032-465	N/A	R	13716	1.35E-02
106094-500	N/A	R	15325	1.49E-02
106057-490	N/A	R	9735	9.59E-03
106055-465	N/A	R	8835	8.70E-03
106066-585	N/A	R	6880	6.81E-03

(1) Sample Orientation: H = horizontal; V = vertical
(2) Native State or Effective = With as-received pore fluids in place
(3) Permeability to water and hydraulic conductivity measured at saturated conditions

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106073-520	N/A	R	3161	3.08E-03
106072-475	N/A	R	337	3.27E-04
106049-470	N/A	R	10821	1.04E-02
106097-520	N/A	R	9517	9.35E-03
106051-505	N/A	R	88.0	8.56E-05
106053-480	N/A	R	19262	1.96E-02
106037-515	N/A	R	212	2.10E-04
106031-500	N/A	R	5779	5.69E-03
106092-480	N/A	R	10080	9.87E-03
106042-485	N/A	R	15413	1.50E-02
106091-465	N/A	R	8367	8.16E-03
106041-460	N/A	R	3874	3.79E-03
106095-510	N/A	R	12672	1.24E-02
106070-460	N/A	R	2181	2.13E-03
106034-505	N/A	R	11496	1.13E-02
106030-475	N/A	R	12596	1.23E-02
106029-460	N/A	R	17059	1.68E-02
106088-475	N/A	R	15043	1.49E-02
106058-515	N/A	R	4449	4.38E-03

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106104-515	N/A	R	1251	1.24E-03
106087-545	N/A	R	2406	2.39E-03
106033-480	N/A	R	11366	1.11E-02
106103-490	N/A	R	8202	8.08E-03
106085-446	N/A	R	15600	1.53E-02
106054-510	N/A	R	16238	1.60E-02
106036-490	N/A	R	14817	1.48E-02
106096-585	N/A	R	665	6.71E-04
106067-500	N/A	R	4903	4.93E-03
106068-590	N/A	R	1409	1.41E-03

(1) Sample Orientation: H = horizontal; V = vertical
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(3) Permeability to water and hydraulic conductivity measured at saturated conditions