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22-32-38W
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ANADARKO PRODUCTION COMPANY
 NORDLING A-1

Vertical and Horizontal Permeability Comparisons

Depth	Horizontal		Vertical K	Comments
	K-Max.	K-Min.		
2564-65	8.17	7.05	3.5	* analysis by vertically cut plug
2565-66	8.18	6.49	7.0	
2566-67	7.44	7.17	6.6	
2567-68	5.39	5.32	5.6	
2568-69	.11	.09	< .01	
2571-72	4.19	3.77	2.6	
2572-73	5.61	5.44	1.6	
2573-74	3.09	3.06	.42	
2574-75	2.76	2.40	.48	
2575-76	4.23	2.67	.01	
2576-77	1.64	1.10	.01	
2581-82	.54	.47	.20	
2582-83	8.23	7.21	2.9	
2583-84	8.85	6.62	.71	
2584-85	5.1		10.6 *	
2595-96	1.27	1.19	2.4	
2596-97	1.45	1.15	2.0	
2597-98	1.72	1.26	1.2	
2598-99	14.05	7.72	15.0	
2599-2600	.25	.18	< .01	
2600-01	< .01	< .01	.04	
2601-02	8.51	8.21	4.8	
2602-03	.01		.63 *	
2603-04	31.15	9.48	7.7	
2604-05	29.77	21.22	4.2	

Horizontal

Depth	K-Max.	K-Min.	Vertical K	Comments
2605-06	2.84	.88	2.2	* analysis by vertically cut plug
2606-07	.23	.18	0.3	
2607-08	14.83	14.60	25.5	
2608-09	19.33	13.20	15.3	
2609-10	3.93	2.67	5.8	
2610-11	1.66	1.17	.16	
2611-12	2.13	1.19	8.3	
2612-13	1.48	.56	4.1	
2613-14	1.17	1.04	1.7	
2614-15	9.33	8.43	7.8	
2615-16	44.2		33.2 *	
2616-17	21.62	.25	22.2	
2617-18	.10	<.01	.22	
2618-19	.4		23.4 *	
2619-20	12.1		14.3 *	
2620-21	105.99	22.91	11.5	
2621-22	92.03	72.04	18.7	
2622-23	73.62	68.95	9.7	
2623-24	78.41	4.90	18.8	
2624-25	47.69	43.38	.60	
2625-26	40.82	39.21	.71	
2626-27	33.75	25.71	3.8	
2627-28	4.05	4.00	3.2	
2628-29	1.80	1.80	1.3	
2643-44	12.95	9.69	3.0	
2644-45	5.53	5.29	3.3	
2645-46	1.13	.81	3.2	
2646-47	.24	.05	3.5	
2647-48	.01	.01	3.2	
2653-54	1.92	1.76	4.5	
2654-55	1.86	1.79	1.9	
2655-56	1.37	1.36	.76	
2656-57	.52	.43	1.6	
2657-58	.87	.86	1.1	
2658-59	1.30	.37	.59	
2659-60	.41	.22	.41	
2660-61	.3		<.01 *	

Depth	Horizontal		Vertical K	Comments
	K-Max.	K-Min.		
2661-62	.2	.1	.23*	* analysis by vertically cut plug
2662-63	.45	.45	.02	
2663-64	.39	.38	.17	
2664-65	.01		.01*	
2665-66	.13	.10	.01	
2666-67	2.09	2.05	.21	
2667-68	1.68	1.32	3.0	
2668-69	1.59	.59	3.8	
2669-70	.76	.61	6.9	
2670-71	.11	.08	.06	
2671-72	.10	.09	.10	
2672-73	.26	.25	.32	
2705-06	2.96	2.80	.83	
2706-07	5.52	2.76	8.0	
2707-08	10.36	5.20	3.5	
2708-09	17.2		17.4*	
2709-10	20.8		13.0*	
2710-11	18.6		17.2*	
2711-12	.86	.32	.5	
2712-13	1.53	1.42	1.3	
2713-14	.95	.69	.44	
2714-15	.77	.32	.62	
2715-16	1.08	.98	.52	
2716-17	.82		.08*	
2717-18	.62	.40	.24	
2718-19	.31	.23	.59	
2719-20	.10	.09	.02	
2720-21	.13	.11	.08	
2722-23	.77	.75	.90	
2723-24	1.56	1.42	1.0	
2724-25	.85	.81	1.1	
2725-26	.30	.10	.05	
2726-27	1.25	1.25	1.3	
2727-28	1.20	1.14	1.1	
2728-29	1.22	1.17	1.7	
2737-38	.66	.66	.7	
2738-39	.50	.42	.5	

Depth	Horizontal		Vertical K	Comments
	K-Max.	K-Min.		
2739-40	.19	.17	.07	* analysis by vertically cut plug
2740-41	2.44	1.30	2.0	
2741-42	8.15	4.17	7.0	
2742-43	2.75	2.06	.25	
2743-44	2.99	2.83	3.2	
2744-45	.91	.84	.05	
2745-46	.21	.19	.40	
2746-47	2.12	.51	.22	
2747-48	< .01	< .01	.15	
2748-49	< .01	< .01	< .01	
2749-50	< .01	< .01	< .01	
2750-51	.83	< .01	.18	
2757-58	1.22	.26	.02	
2758-59	.22	.14	.02	
2759-60	.06	.06	.80	
2760-61	< .01		< .01*	
2764-65	.50	.48	.43	
2765-66	.89	.87	.95	
2766-67	.69	.65	.82	
2767-68	.58	.56	.46	
2768-69	.77	.65	.41	
2769-70	1.59	1.48	2.1	
2770-71	.95	.93	.83	
2771-72	1.28	1.23	2.8	
2772-73	1.19	1.06	1.9	
2773-74	1.17	.95	1.2	
2774-75	1.09	1.07	1.7	
2775-76	.95	.92	1.3	
2776-77	2.9	2.9	3.7	
2777-78	1.44	1.30	3.6	
2778-79	1.53	1.52	2.0	
2779-80	.89	.88	1.1	
2780-81	.56	.53	7.1	
2781-82	.31	.30	.29	
2782-83	.34	.33	.13	
2783-84	.70	.69	.11	
2784-85	.57	.53	1.4	

Depth	Horizontal			Comments
	K-Max.	K-Min.		
2785-86	1.13	.24	1.8	* analysis by vertically
2786-87	.40	.38	2.0	cut plug
2787-88	.32	.29	4.0	
2788-89	.23	.22	.41	
2789-90	.17	.17	.60	
2790-91	<.01	<.01	.16	
2791-92	.08	.07	.07	
2792-93	<.01	<.01	.03	
2793-94	.20	.14	.02	
2794-95	.02	.02	.02	
2795-96	.03	.03	.42	
2796-97	.11	.08	.06	
2797-98	<.01		<.01*	
2798-99	<.01		<.01*	
2807-08	<.01		<.01*	
2808-09	<.01		<.01*	
2809-10	<.01		<.01*	
2813-14	<.01		<.01*	
2814-15	<.01		<.01*	
2815-16	9.46	5.01	.41	
2821-22	.04	<.01	.03	
2822-23	<.01		.01*	
2823-24	<.01		.01*	
2826-27	.10	.08	.06	
2827-28	6.68	6.08	<.01	
2828-29	<.01	<.01	impermeable	
2829-30	<.01	<.01	impermeable	
2830-31	<.01	<.01	impermeable	
2831-32	<.01	<.01	impermeable	
2856-57	.28	.26	<.01	
2857-58	.33	.10	<.01	
2858-59	.09	.03	<.01	