

POROSITY, PERMEABILITY AND GRAIN DENSITY (Ambient & Overburden)

SAMPLE NUMBER	DEPTH (m)	AMBIENT			OVERBURDEN			GRAIN DENSITY (g/cc)	COMMENTS
		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			

Core 1 - 1900psig NOB pressure

1	2150.16	0.380	0.558	15.2	0.213	0.334	14.8	2.685	
2	2151.18	0.106	0.179	13.7	0.051	0.098	13.2	2.655	
3	2151.97	0.006	0.013	7.7	0.003	0.006	7.4	2.695	
4	2152.90	0.231	0.327	12.8	0.094	0.155	12.4	2.649	
5	2153.10	0.267	0.409	13.8	0.142	0.237	13.3	2.644	
6	2155.70	0.019	0.040	9.9	0.010	0.023	9.5	2.855	
7	2156.40	0.018	0.039	12.0	0.008	0.021	11.6	2.722	
8	2157.85	0.028	0.056	11.2	0.018	0.036	10.8	2.863	
9	2158.89	0.048	0.098	9.7	0.023	0.052	9.3	2.667	
10	2173.60	0.008	0.017	6.3	0.002	0.006	6.2	2.665	
11	2173.95	0.475	0.711	15.9	0.319	0.497	15.3	2.652	
12	2174.20	0.992	1.40	17.8	0.726	1.06	17.3	2.653	
1V	2174.40	1.31	1.78	19.2	1.06	1.46	18.7	2.682	
13	2174.50	2.12	2.80	19.4	1.74	2.31	19.0	2.686	
14	2174.80	1.02	1.43	17.8	0.833	1.18	17.4	2.726	
15	2175.40	5.91	7.28	21.0	5.04	6.26	20.5	2.661	
2V	2175.60	8.12	9.69	20.1	6.99	8.39	19.7	2.656	
16	2175.70	7.22	8.75	20.5	6.19	7.54	19.9	2.654	pyrite nodules
17	2176.10	0.598	0.886	15.8	0.422	0.645	15.4	2.662	

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18	2176.55	0.666	0.972	15.4	0.484	0.724	14.8	2.651	
19	2176.80	0.221	0.349	14.1	0.135	0.230	13.6	2.680	
3V	2177.15	1.17	1.60	18.7	0.950	1.31	18.2	2.708	
20	2177.20	0.833	1.20	17.0	0.631	0.930	16.5	2.666	
21	2177.50	0.740	1.06	15.8	0.528	0.780	15.2	2.661	
22	2177.90	2.26	2.94	17.9	1.82	2.39	17.5	2.669	
4V	2178.05	2.15	2.81	18.7	1.77	2.33	18.3	2.659	
23	2178.30	1.50	2.04	17.3	1.14	1.57	16.8	2.656	
24	2178.60	1.53	2.06	16.9	1.16	1.59	16.5	2.664	
25	2178.90	2.06	2.72	17.5	1.63	2.17	17.1	2.668	
5V	2178.95	1.21	1.64	17.3	0.926	1.28	16.8	2.680	
26	2179.20	2.38	3.10	17.9	1.90	2.50	17.5	2.674	
27	2179.50	2.44	3.19	18.5	1.99	2.62	18.0	2.672	
28	2179.90	0.041	0.085	12.1	0.020	0.050	11.6	2.702	
6V	2179.95	0.038	0.078	12.3	0.017	0.042	11.9	2.696	
29	2180.20	0.220	0.354	14.2	0.127	0.225	13.8	2.678	
30	2180.60	0.492	0.735	16.2	0.349	0.540	15.7	2.683	
7V	2180.83	0.334	0.469	15.4	0.174	0.293	15.0	2.734	
31	2180.90	0.464	0.655	16.0	0.354	0.519	15.7	3.089	
32	2181.30	0.541	0.805	16.3	0.376	0.582	15.8	2.685	

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		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
33	2181.84	0.418	0.640	15.8	0.373	0.509	15.4	2.685	
8V	2181.97	0.207	0.325	15.0	0.127	0.216	14.6	2.684	
34	2182.15	0.093	0.166	12.8	0.047	0.097	12.4	2.695	
35	2182.55	0.145	0.247	13.6	0.081	0.153	13.1	2.681	
36	2182.85	0.432	0.660	15.4	0.305	0.482	15.0	2.680	
9V	2182.90	0.368	0.499	15.5	0.188	0.307	15.1	2.687	
37	2183.15	1.05	1.46	17.4	0.832	1.18	16.9	2.715	
38	2183.55	2.76	3.52	18.9	2.35	2.99	18.4	2.872	
39	2183.85	0.614	0.907	16.2	0.452	0.684	15.7	2.709	
10V	2183.90	0.391	0.591	15.8	0.321	0.454	15.3	2.690	
40	2184.15	0.744	1.07	16.6	0.557	0.820	16.1	2.719	
41	2184.55	0.860	1.23	16.5	0.637	0.932	16.1	2.679	
11V	2184.80	0.666	0.955	17.2	0.496	0.729	16.7	2.703	
42	2184.86	0.741	1.08	16.5	0.548	0.815	16.1	2.691	
43	2185.15	0.536	0.798	15.4	0.382	0.587	15.0	2.686	
44	2185.55	0.484	0.728	15.4	0.330	0.517	14.9	2.697	
45	2185.86	1.59	2.15	18.1	1.28	1.74	17.6	2.757	
12V	2185.97	1.19	1.63	18.5	0.967	1.33	18.1	2.734	
46	2186.15	0.593	0.873	15.8	0.418	0.636	15.4	2.682	
47	2186.80	1.21	1.67	17.3	0.917	1.29	16.9	2.688	

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		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
13V	2187.05	0.343	0.535	16.6	0.253	0.402	16.1	2.697	
48	2187.10	0.453	0.687	16.5	0.339	0.527	16.0	2.692	
49	2187.40	1.38	1.89	17.8	1.07	1.50	17.4	2.669	
50	2187.90	0.638	0.927	16.0	0.460	0.683	15.6	2.648	
51	2188.22	0.984	1.38	17.3	0.687	1.00	16.8	2.657	
14V	2188.30	1.46	1.97	18.7	1.12	1.55	18.3	2.665	
52	2188.60	0.319	0.501	15.9	0.184	0.314	15.4	2.677	
53	2188.90	0.138	0.240	15.1	0.075	0.147	14.7	2.682	
54	2189.23	0.045	0.093	12.0	0.019	0.048	11.6	2.699	
55	2189.65	1.28	1.78	18.0	0.950	1.35	17.6	2.665	
15V	2189.75	0.522	0.774	17.1	0.375	0.573	16.7	2.673	
56	2189.85	0.057	0.110	12.4	0.025	0.058	12.0	2.712	
57	2190.18	0.102	0.175	12.6	0.049	0.099	12.2	2.686	
58	2190.45	0.011	0.021	8.8	0.004	0.011	8.6	2.755	
16V	2190.50	0.009	0.017	8.8	0.003	0.008	8.5	2.732	
59	2190.75	0.028	0.061	9.8	0.013	0.034	9.5	2.695	
60	2191.06	0.026	0.057	10.7	0.011	0.029	10.3	2.717	
61	2191.45	0.929	1.29	16.0	0.696	0.996	15.5	2.667	
17V	2191.50	0.552	0.816	15.4	0.401	0.611	15.0	2.670	
62	2191.75	0.553	0.823	16.0	0.417	0.636	15.6	2.730	

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		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
63	2192.15	1.04	1.46	17.4	0.796	1.15	17.0	2.685	
64	2192.55	0.038	0.081	10.8	0.017	0.043	10.5	2.675	
18V	2192.65	0.031	0.065	11.7	0.014	0.035	11.3	2.677	
65	2192.82	1.65	2.22	17.2	1.31	1.79	16.8	2.655	
66	2193.15	2.60	3.41	18.4	2.10	2.78	18.0	2.658	
19V	2193.24	3.01	3.87	19.5	2.61	3.36	19.0	2.667	
67	2193.45	2.29	3.03	18.3	1.87	2.50	17.8	2.683	
68	2193.75	1.27	1.76	16.5	1.02	1.44	16.1	2.707	
69	2194.15	1.51	2.05	17.5	1.16	1.61	17.1	2.685	
20V	2194.22	0.731	1.05	17.2	0.554	0.817	16.7	2.685	
70	2194.75	0.915	1.31	17.0	0.694	1.02	16.5	2.681	
71	2195.15	0.045	0.089	10.5	0.019	0.046	10.0	2.664	
72	2195.49	0.475	0.722	15.7	0.315	0.504	15.2	2.664	
21V	2195.55	0.154	0.257	14.4	0.092	0.169	14.0	2.667	
73	2195.87	0.025	0.050	9.5	0.009	0.023	9.2	2.688	
74	2196.15	1.33	1.83	17.2	0.991	1.40	16.8	2.656	
22V	2196.20	1.03	1.44	17.7	0.798	1.13	17.2	2.662	
75	2196.45	2.42	3.19	18.7	2.02	2.67	18.2	2.733	
76	2196.75	5.25	6.51	21.3	4.60	5.72	20.8	2.723	
77	2197.04	4.83	6.00	19.8	4.13	5.16	19.3	2.658	

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		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
23V	2197.08	3.02	3.90	19.3	2.71	3.45	18.9	2.656	
78	2197.40	0.552	0.824	15.7	0.384	0.594	15.2	2.652	
79	2197.81	0.061	0.120	11.5	0.030	0.067	11.1	2.687	
80	2198.16	1.01	1.42	17.1	0.766	1.10	16.6	2.674	
24V	2198.25	0.762	1.09	17.5	0.607	0.880	17.1	2.699	
81	2198.40	2.77	3.61	20.0	2.37	3.09	19.6	2.716	
82	2199.17	0.003	0.007	5.4	0.001	0.002	4.9	2.664	
25V	2199.66	0.464	0.606	16.9	0.254	0.410	16.5	2.740	
83	2199.70	0.176	0.276	12.6	0.103	0.177	12.2	2.668	
Core 2 - 1960psig NOB pressure									
84	2203.60	6.94	8.27	18.3	6.12	7.31	17.8	2.680	
85	2203.90	5.25	6.37	17.0	4.46	5.44	16.6	2.684	
26V	2203.95	2.88	3.64	16.6	2.48	3.12	16.1	2.687	
86	2204.20	3.55	4.43	16.3	3.00	3.77	15.8	2.684	
87	2204.50	4.32	5.31	16.8	3.72	4.59	16.4	2.686	
88	2204.80	3.24	4.06	15.9	2.73	3.44	15.5	2.678	
27V	2204.89	2.30	2.94	16.2	1.92	2.46	15.8	2.694	
89	2205.10	2.94	3.73	15.6	2.44	3.12	15.1	2.678	
90	2205.40	2.91	3.69	15.8	2.46	3.14	15.3	2.679	
91	2205.80	2.14	2.78	15.4	1.80	2.35	14.8	2.676	

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		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
28V	2205.95	1.34	1.79	15.4	1.09	1.46	14.9	2.676	
92	2206.25	1.99	2.61	15.2	1.65	2.16	14.7	2.680	
93	2206.55	6.72	8.01	18.0	5.97	7.13	17.5	2.697	
94	2206.85	2.17	2.79	15.1	1.78	2.31	14.7	2.688	
29V	2206.96	1.51	1.98	15.6	1.25	1.64	15.1	2.704	
95	2207.25	3.71	4.57	16.0	2.81	3.54	15.6	2.701	
96	2207.55	4.12	5.08	17.0	3.56	4.40	16.5	2.698	
97	2207.84	22.4	25.1	22.1	20.9	23.4	21.7	2.896	
30V	2208.05	0.450	0.651	13.0	0.307	0.461	12.6	2.691	
98	2208.15	1.04	1.43	13.7	0.788	1.10	13.3	2.680	
99	2208.55	5.16	6.27	17.4	4.51	5.49	17.0	2.707	
100	2208.85	2.55	3.27	15.5	2.12	2.74	15.0	2.672	
101	2209.15	2.56	3.29	15.3	2.12	2.74	14.8	2.667	
31V	2209.20	1.95	2.52	15.6	1.51	1.98	15.2	2.675	
102	2209.45	8.79	10.3	19.0	7.85	9.25	18.6	2.753	
103	2209.85	3.65	4.58	16.3	3.04	3.84	15.9	2.667	
32V	2210.05	1.41	1.87	15.2	1.10	1.48	14.7	2.667	
104	2210.15	2.06	2.68	14.8	1.60	2.12	14.3	2.677	
105	2210.35	1.84	2.43	14.6	1.45	1.93	14.2	2.660	
106	2210.75	2.23	2.89	15.1	1.83	2.38	14.6	2.670	

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		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
33V	2211.12	1.26	1.69	14.7	0.997	1.35	14.2	2.716	
107	2211.20	2.00	2.61	14.5	1.60	2.11	14.0	2.672	
108	2211.40	2.35	3.04	14.7	1.86	2.43	14.3	2.670	
109	2211.80	2.07	2.71	14.6	1.65	2.18	14.1	2.667	
34V	2212.05	5.34	6.44	18.1	4.58	5.54	17.7	2.726	
110	2212.15	2.11	2.75	15.4	1.72	2.26	14.9	2.675	
111	2212.45	2.16	2.80	15.2	1.73	2.27	14.7	2.677	
112	2212.75	5.35	6.52	17.9	4.59	5.63	17.5	2.706	
113	2213.15	4.80	5.91	16.2	3.98	4.93	15.7	2.659	
35V	2213.20	3.36	4.23	16.7	2.83	3.56	16.2	2.661	
114	2213.82	6.57	7.96	17.4	5.53	6.75	16.9	2.649	
115	2214.09	3.71	4.67	16.0	3.04	3.87	15.5	2.650	
116	2214.58	29.2	33.2	21.7	25.5	28.9	21.3	2.907	
36V	2214.64	0.040	0.073	12.1	0.020	0.044	11.7	3.111	
117	2214.84	5.16	6.30	16.6	4.32	5.31	16.1	2.704	
118	2215.15	2.91	3.71	15.1	2.34	3.02	14.6	2.650	
37V	2215.45	2.70	3.46	16.6	2.24	2.88	16.1	2.653	
119	2215.55	3.35	4.24	15.6	2.72	3.48	15.2	2.649	
120	2215.75	3.96	4.97	16.3	3.24	4.12	15.9	2.651	
121	2216.40	3.24	4.16	15.7	2.67	3.46	15.3	2.650	

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38V	2216.66	1.90	2.47	15.8	1.51	1.99	15.3	2.661	
122	2216.70	2.90	3.72	16.0	2.32	3.03	15.5	2.660	
123	2216.90	20.2	22.8	22.3	18.7	21.1	21.9	2.881	
124	2217.20	3.01	3.82	16.3	2.49	3.19	15.8	2.680	
125	2217.50	4.87	5.98	17.2	4.15	5.12	16.7	2.709	
39V	2217.55	7.89	9.35	18.8	7.05	8.36	18.3	2.743	
126	2217.89	4.65	5.74	17.0	4.03	4.99	16.6	2.687	
127	2218.10	2.80	3.62	16.2	2.36	3.04	15.8	2.662	
128	2218.40	0.322	0.445	11.8	0.149	0.258	11.3	2.657	
40V	2218.46	0.193	0.310	12.1	0.109	0.193	11.6	2.662	
129	2218.89	2.29	3.02	17.7	1.94	2.56	17.3	2.725	
130	2219.20	5.34	6.58	17.2	4.36	5.42	16.8	2.645	
41V	2219.65	0.710	1.05	16.3	0.441	0.708	15.8	2.647	
131	2219.70	1.07	1.48	15.2	0.752	1.07	14.7	2.648	
132	2219.83	3.54	4.52	18.2	2.89	3.74	17.7	2.678	
42V	2220.86	3.54	4.52	18.6	2.93	3.80	18.1	2.646	
133	2220.90	1.96	2.59	16.9	1.46	1.98	16.4	2.645	
134	2221.20	1.53	2.07	16.2	1.19	1.64	15.7	2.654	
135	2221.57	0.653	0.958	14.2	0.457	0.694	13.7	2.663	
136	2221.89	3.76	4.78	18.3	3.27	4.17	17.7	2.772	

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		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
43V	2221.95	1.08	1.49	16.8	0.861	1.21	16.4	2.752	
137	2222.21	1.15	1.60	14.8	0.892	1.26	14.3	2.663	
138	2222.60	6.37	7.74	19.0	5.67	6.89	18.5	2.749	
139	2222.89	8.77	10.4	20.4	7.92	9.43	20.0	2.808	
44V	2222.96	3.33	4.23	18.1	2.90	3.69	17.7	2.749	
140	2223.20	1.86	2.47	15.5	1.50	2.01	15.0	2.705	
141	2223.60	6.33	7.69	18.9	5.64	6.86	18.4	2.794	
142	2223.90	4.90	6.05	18.1	4.28	5.29	17.7	2.769	
45V	2223.96	3.93	4.88	18.8	3.54	4.39	18.4	2.772	
143	2224.22	5.37	6.59	19.2	4.83	5.93	18.8	2.806	
144	2224.52	2.12	2.78	16.1	1.75	2.32	15.6	2.693	
145	2224.92	3.69	4.65	17.4	3.23	4.08	16.9	2.732	
46V	2225.04	1.42	1.90	16.5	1.18	1.58	16.0	2.708	
146	2225.12	1.45	1.96	15.7	1.21	1.64	15.2	2.704	
147	2225.42	2.29	2.98	16.4	1.94	2.54	15.9	2.697	
148	2225.82	3.34	4.26	17.6	2.87	3.68	17.2	2.729	
47V	2225.96	2.91	3.70	18.1	2.49	3.19	17.7	2.715	
149	2226.12	3.87	4.90	18.3	3.38	4.28	17.9	2.738	
150	2226.42	1.73	2.32	16.1	1.37	1.86	15.7	2.703	
151	2226.92	1.08	1.52	15.4	0.791	1.15	15.0	2.695	

POROSITY, PERMEABILITY AND GRAIN DENSITY (Ambient & Overburden)

SAMPLE NUMBER	DEPTH (m)	AMBIENT			OVERBURDEN			GRAIN DENSITY (g/cc)	COMMENTS
		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
48V	2227.04	1.58	2.13	17.1	1.26	1.72	16.7	2.710	
152	2227.22	1.29	1.80	15.9	0.964	1.37	15.5	2.721	
153	2227.52	0.965	1.38	15.1	0.686	1.01	14.7	2.693	
154	2227.82	1.03	1.47	15.3	0.749	1.10	14.9	2.677	
49V	2227.92	0.484	0.716	14.5	0.309	0.485	14.0	2.662	
155	2228.06	0.867	1.24	15.0	0.622	0.921	14.6	2.661	
156	2228.42	0.380	0.507	12.7	0.167	0.283	12.2	2.653	
157	2228.82	3.17	4.14	18.2	2.60	3.44	17.7	2.655	
50V	2228.88	2.81	3.64	18.5	2.26	2.96	18.0	2.651	
158	2229.62	0.061	0.117	10.2	0.034	0.071	9.9	2.710	
159	2229.82	0.068	0.129	10.5	0.039	0.080	10.0	2.696	
51V	2230.52	2.92	3.79	19.0	2.27	3.02	18.5	2.659	
160	2230.60	2.87	3.82	18.7	2.41	3.22	18.2	2.654	
161	2235.60	0.797	1.10	14.3	0.557	0.799	13.9	2.669	
162	2236.13	0.453	0.689	16.9	0.279	0.472	16.5	2.837	
163	2236.50	0.934	1.31	13.3	0.727	1.03	12.9	2.661	
164	2236.90	141	185	12.7	128	170	12.1	2.646	
165	2237.19	834	923	12.3	668	877	11.9	2.643	
52V	2237.25	125	146	11.8	114	135	11.3	2.645	
166	2239.20	0.016	0.027	8.5	0.004	0.011	7.9	2.690	

POROSITY, PERMEABILITY AND GRAIN DENSITY (Ambient & Overburden)

SAMPLE NUMBER	DEPTH (m)	AMBIENT			OVERBURDEN			GRAIN DENSITY (g/cc)	COMMENTS
		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
167	2239.39	0.182	0.307	13.9	0.109	0.207	13.5	2.703	
53V	2239.73	0.406	0.631	16.2	0.329	0.476	15.8	2.692	
168	2239.84	0.899	1.29	16.9	0.662	0.988	16.5	2.710	
169	2240.30	0.135	0.242	14.3	0.084	0.166	14.0	2.761	
170	2240.50	0.102	0.190	13.5	0.056	0.121	13.1	2.768	
54V	2240.55	0.112	0.208	14.3	0.058	0.127	13.8	2.664	
171	2240.84	0.058	0.114	12.1	0.027	0.065	11.6	2.660	
172	2241.39	0.003	0.006	4.9	0.001	0.002	4.6	2.661	
173	2245.95	0.766	0.938	7.2	0.305	0.404	6.7	2.787	
174	2246.40	0.133	0.234	12.6	0.070	0.143	12.1	2.694	
175	2246.58	1.08	1.53	13.5	0.771	1.14	13.1	2.730	
176	2246.96	9.99	11.9	18.7	8.62	10.4	18.2	2.670	
177	2247.72	0.053	0.103	11.1	0.025	0.055	10.8	2.817	
178	2248.29	0.027	0.056	11.3	0.010	0.030	10.9	2.854	
179	2248.55	0.138	0.231	15.7	0.102	0.177	15.4	3.032	pyrite nodule
180	2249.50	0.179	0.288	12.0	0.085	0.164	11.6	2.662	
181	2249.85	7.50	9.21	19.7	6.74	8.31	19.3	2.662	
55V	2249.96	4.15	5.40	19.8	3.64	4.77	19.3	2.652	
182	2250.09	7.02	8.71	19.7	6.27	7.82	19.3	2.680	
183	2250.40	1.86	2.49	17.8	1.60	2.17	17.4	2.762	

POROSITY, PERMEABILITY AND GRAIN DENSITY (Ambient & Overburden)

SAMPLE NUMBER	DEPTH (m)	AMBIENT			OVERBURDEN			GRAIN DENSITY (g/cc)	COMMENTS
		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
184	2250.61	1.80	2.42	17.3	1.41	1.94	16.9	2.761	
56V	2250.68	2.08	2.78	17.8	1.75	2.37	17.4	2.739	
185	2250.92	1.23	1.74	16.8	1.04	1.48	16.3	2.691	
186	2251.20	0.450	0.692	14.7	0.335	0.534	14.4	2.761	
57V	2251.54	0.596	0.881	15.5	0.466	0.710	15.1	2.757	
187	2251.59	0.791	1.16	17.1	0.634	0.947	16.7	2.785	
188	2251.90	0.484	0.761	15.9	0.365	0.593	15.4	2.676	
189	2252.20	0.111	0.207	12.8	0.062	0.130	12.3	2.671	
190	2252.50	0.041	0.091	11.0	0.018	0.051	10.6	2.671	
58V	2252.55	0.019	0.038	9.9	0.018	0.029	9.6	2.656	
191	2252.87	0.104	0.191	12.8	0.050	0.111	12.3	2.665	
192	2253.21	0.027	0.064	11.6	0.012	0.037	11.1	2.756	
193	2255.71	0.019	0.039	10.6	0.012	0.026	10.3	2.880	
Core 3 - 2030psig NOB pressure									
194	2262.18	8.01	8.21	5.9	1.65	1.89	5.4	2.652	
195	2262.40	0.001	0.003	6.3	0.001	0.003	5.9	2.884	
196	2262.90	0.027	0.058	10.9	0.018	0.035	10.4	2.681	
197	2263.73	8.38	10.3	18.1	7.67	9.47	17.7	2.708	
59V	2263.83	4.46	5.64	17.0	3.93	5.00	16.7	2.720	
198	2264.05	0.100	0.156	6.1	0.021	0.041	5.9	2.843	

POROSITY, PERMEABILITY AND GRAIN DENSITY (Ambient & Overburden)

SAMPLE NUMBER	DEPTH (m)	AMBIENT			OVERBURDEN			GRAIN DENSITY (g/cc)	COMMENTS
		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
199	2264.70	0.002	0.006	4.9	0.001	0.003	4.6	2.805	
60V	2264.96	0.001	0.003	5.0	0.001	0.002	4.7	2.823	
200	2265.10	0.030	0.068	9.9	0.010	0.033	9.4	2.666	
201	2265.61	0.029	0.042	5.6	0.005	0.010	5.0	2.644	
202	2271.10	0.027	0.060	10.7	0.019	0.037	10.2	2.662	
203	2274.16	0.241	0.363	9.9	0.104	0.182	9.4	2.662	
204	2274.61	0.427	0.588	10.5	0.165	0.265	9.9	2.646	fracture
205	2275.17	183	199	19.8	168	184	19.4	2.653	
61V	2275.50	20.2	25.1	20.3	15.0	19.2	19.8	2.647	
206	2275.60	223	240	21.4	208	226	21.0	2.651	
207	2275.80	342	365	20.7	315	339	20.3	2.654	
208	2276.30	0.111	0.189	11.5	0.065	0.122	11.2	2.701	
209	2276.70	11.5	13.6	17.0	10.4	12.4	16.5	2.651	
62V	2276.77	1.07	1.52	21.2	0.911	1.31	20.5	2.910	
210	2277.14	3.76	4.84	16.9	3.21	4.18	16.5	2.737	
211	2277.46	5.85	7.27	18.5	5.05	6.34	18.0	2.648	
63V	2277.55	0.743	1.10	15.4	0.531	0.826	15.0	2.645	
212	2277.80	0.058	0.115	10.0	0.030	0.067	9.7	2.685	
213	2278.09	0.071	0.137	10.4	0.037	0.082	10.0	2.653	
214	2278.50	0.009	0.015	6.5	0.002	0.005	6.2	2.658	

POROSITY, PERMEABILITY AND GRAIN DENSITY (Ambient & Overburden)

SAMPLE NUMBER	DEPTH (m)	AMBIENT			OVERBURDEN			GRAIN DENSITY (g/cc)	COMMENTS
		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
215	2279.70	0.083	0.158	12.4	0.047	0.102	11.9	2.672	
216	2280.10	1.66	2.29	16.8	1.30	1.84	16.4	2.662	
217	2280.40	4.69	5.87	16.9	3.82	4.88	16.3	2.671	
64V	2280.56	7.61	9.36	18.2	6.65	8.27	17.6	2.650	
218	2280.70	4.58	5.90	18.8	4.04	5.26	18.4	2.655	
219	2281.09	0.159	0.279	11.4	0.094	0.181	11.0	2.697	
220	2282.30	0.035	0.074	13.5	0.020	0.051	13.2	2.920	
221	2282.60	0.107	0.205	14.0	0.066	0.142	13.6	2.698	
222	2285.16	0.138	0.245	12.5	0.085	0.168	12.1	2.685	
223	2285.48	7.61	13.1	9.7	5.09	9.05	9.2	2.744	
224	2285.74	142	154	16.2	134	146	15.8	2.665	
65V	2286.04	7.11	10.3	20.8	6.57	9.53	20.5	2.785	
225	2286.10	161	172	15.5	153	163	15.1	2.664	
226	2286.81	0.034	0.072	10.0	0.014	0.041	9.6	2.665	
227	2290.58	0.112	0.215	14.3	0.064	0.143	13.8	2.664	
228	2290.88	0.019	0.060	12.9	0.014	0.042	12.4	2.725	
66V	2290.96	0.031	0.048	11.0	0.025	0.040	10.5	2.726	
229	2291.20	0.002	0.004	7.1	0.002	0.003	6.8	3.165	
230	2295.74	2230	2640	21.4	2130	2540	20.9	2.654	
67V	2295.85	684	747	21.6	652	712	21.1	2.640	

POROSITY, PERMEABILITY AND GRAIN DENSITY (Ambient & Overburden)

SAMPLE NUMBER	DEPTH (m)	AMBIENT			OVERBURDEN			GRAIN DENSITY (g/cc)	COMMENTS
		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
231	2296.10	2510	3040	22.9	2460	2970	22.4	2.652	
232	2296.40	3640	3770	23.8	3590	3700	23.4	2.651	
233	2296.70	1640	1940	24.3	1560	1850	23.8	2.650	
68V	2296.76	1390	1520	24.7	1290	1420	24.2	2.641	
234	2296.94	4470	5260	24.8	4340	5080	24.3	2.647	
235	2297.30	663	803	21.1	620	740	20.7	2.657	
69V	2297.38	67.2	91.0	21.6	58.9	81.0	21.1	2.646	
236	2297.50	744	902	21.9	640	790	21.2	2.646	
237	2297.81	1330	1460	22.4	1280	1400	22.0	2.653	
238	2298.09	992	1520	20.3	900	1380	19.7	2.649	
70V	2298.27	61.3	76.1	19.5	52.8	65.0	19.1	2.635	
239	2298.50	386	414	21.2	365	392	20.8	2.651	
240	2298.90	2390	2710	24.2	2300	2600	23.6	2.655	
71V	2299.16	1130	1250	22.7	1070	1180	22.2	2.646	
241	2299.40	4610	5960	21.9	4600	5790	21.3	2.649	
242	2299.70	1160	1750	21.4	1060	1600	20.8	2.653	
243*	2299.95	-	8570	23.2	-	8330	22.5	2.647	
244	2300.20	0.546	0.840	12.4	0.465	0.723	12.0	2.674	
72V	2300.32	35.0	40.3	20.0	32.9	38.1	19.7	2.656	
245	2300.53	62.5	70.4	20.3	59.7	67.4	20.0	2.677	

POROSITY, PERMEABILITY AND GRAIN DENSITY (Ambient & Overburden)

SAMPLE NUMBER	DEPTH (m)	AMBIENT			OVERBURDEN			GRAIN DENSITY (g/cc)	COMMENTS
		PERMEABILITY		POROSITY	PERMEABILITY		POROSITY		
		Kinf (md)	Kair (md)		Kinf (md)	Kair (md)			
246	2300.80	7.75	9.64	16.0	7.13	8.90	15.6	2.737	
247	2301.07	36.0	40.8	16.8	33.9	38.6	16.4	2.654	
73V	2301.14	201	217	19.5	191	207	19.2	2.657	
248	2301.38	1.47	2.10	14.5	1.23	1.78	14.1	2.711	
249	2301.54	79.8	91.2	18.3	70.4	81.1	17.9	2.653	
250	2306.10	0.036	0.083	11.3	0.034	0.064	10.9	2.645	
74V	2306.21	0.047	0.104	12.1	0.024	0.065	12.0	2.637	
251	2306.40	0.058	0.133	13.0	0.033	0.086	12.5	2.652	
252	2306.70	0.027	0.060	11.3	0.021	0.049	10.9	2.671	
253	2310.90	6.25	7.88	17.5	4.79	6.17	17.0	2.715	
75V	2311.12	0.168	0.320	14.5	0.113	0.234	14.1	2.676	
254	2311.20	0.691	1.05	15.4	0.533	0.838	14.9	2.658	
255	2311.56	0.015	0.029	7.9	0.009	0.017	7.5	2.879	

Note : * permeability measured by steady-state