

SL 8862

Table 1
 Conductivity and Permeability of
2.0 lb/ft₃ 40/70 Stikine V 8 Sand Sample (T#1)
Submitted by Stikine, Arriving at SL April 28, 2010
 Between Ohio Sandstone core

Hrs at Closure & Temperature	Closure (psi)	Temp (° F)	Conductivity (md-ft)	Width (in)	Permeability (Darcy)
-14	1000	75	342	0.240	17
-2	1000	150	335	0.239	17
0	2000	150	334	0.238	17
10	2000	150	326	0.237	17
20	2000	150	325	0.236	17
30	2000	150	324	0.236	17
40	2000	150	321	0.236	16
50	2000	150	320	0.236	16
0	4000	150	249	0.230	13
10	4000	150	230	0.229	12
20	4000	150	223	0.229	12
30	4000	150	220	0.228	12
40	4000	150	218	0.228	12
50	4000	150	217	0.228	11
0	6000	150	165	0.223	8.9
10	6000	150	141	0.221	7.7
20	6000	150	134	0.220	7.3
30	6000	150	133	0.220	7.3
40	6000	150	131	0.220	7.1
50	6000	150	130	0.220	7.1
0	8000	150	101	0.215	5.6
10	8000	150	84	0.213	4.7
20	8000	150	78	0.211	4.4
30	8000	150	76	0.210	4.3
40	8000	150	75	0.210	4.3
50	8000	150	74	0.210	4.2

June 24 - July 3, 2010

	Sieve	% Retained
	50	0.1
	60	0.1
	70	0.1
	80	16.4
Median Dia. = 0.160 mm	100	55.8
	120	22.8
	140	4.7
	170	0.0
	200	0.0
	<u>pan</u>	<u>0.0</u>
	Total	100.0
	% In Size as -70+140 =	99.7



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Table 2
 Conductivity and Permeability of
2.0 lb/ft₃ 40/70 Stikine V 8 Sand Sample (T#2)
 Submitted by Stikine, Arriving at SL April 28, 2010
 Between Ohio Sandstone core

Hrs at Closure & Temperature	Closure (psi)	Temp (° F)	Conductivity (md-ft)	Width (in)	Permeability (Darcy)
-14	1000	75	353	0.239	18
-2	1000	150	347	0.238	18
0	2000	150	314	0.237	16
10	2000	150	307	0.235	16
20	2000	150	305	0.234	16
30	2000	150	304	0.234	16
40	2000	150	303	0.234	16
50	2000	150	302	0.234	16
0	4000	150	243	0.229	13
10	4000	150	228	0.228	12
20	4000	150	226	0.228	12
30	4000	150	224	0.228	12
40	4000	150	222	0.228	12
50	4000	150	220	0.228	12
0	6000	150	175	0.224	9.4
10	6000	150	148	0.222	8.0
20	6000	150	138	0.221	7.5
30	6000	150	137	0.221	7.4
40	6000	150	136	0.220	7.4
50	6000	150	135	0.220	7.4
0	8000	150	109	0.215	6.1
10	8000	150	87	0.213	4.9
20	8000	150	84	0.212	4.8
30	8000	150	80	0.211	4.5
40	8000	150	77	0.210	4.4
50	8000	150	75	0.210	4.3

June 24 - July 3, 2010

	Sieve	% Retained
	50	0.1
	60	0.1
	70	0.1
	80	16.4
Median Dia. = 0.160 mm	100	55.8
	120	22.8
	140	4.7
	170	0.0
	200	0.0
	<u>pan</u>	<u>0.0</u>
	Total	100.0
	% In Size as -70+140 =	99.7



Table 3
 Pre-Test Sieve Analysis of Submitted Samples
 Submitted by Stikine, Arriving at SL April 28, 2010
 ISO 13503-2, Section 6, "Sieve Analysis"

Sample I.D. US Standard Sieve No.	Stikine V8 Sand 70/140	
	Weight %	
	Retained	Cumulative
8	0.0	0.0
10	0.0	0.0
12	0.0	0.0
14	0.0	0.0
16	0.0	0.0
18	0.0	0.0
20	0.0	0.0
25	0.0	0.0
30	0.0	0.0
35	0.0	0.0
40	0.0	0.0
45	0.0	0.0
50	0.1	0.1
60	0.1	0.2
70	0.1	0.3
80	16.4	16.7
100	55.8	72.5
120	22.8	95.3
140	4.7	100.0
170	0.0	100.0
200	0.0	100.0
pan	<u>0.0</u>	100.0
total	100.0	
in-size	99.7	= as-70+140
Median Dia. (mm)	0.160	

June 2010