

SL 8835

Table 1
 Conductivity and Permeability of
2.0 lb/ft₃ 40/70 Stikine V 7 Sand Sample
 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	1857	0.227	98
-2	1000	150	1666	0.226	89
0	2000	150	1513	0.225	81
10	2000	150	1481	0.224	79
20	2000	150	1471	0.223	79
30	2000	150	1468	0.223	79
40	2000	150	1455	0.223	78
50	2000	150	1447	0.223	78
0	4000	150	1091	0.218	60
10	4000	150	1072	0.217	59
20	4000	150	1066	0.216	59
30	4000	150	1052	0.216	58
40	4000	150	1044	0.216	58
50	4000	150	1027	0.216	57
0	6000	150	776	0.210	44
10	6000	150	635	0.208	37
20	6000	150	621	0.208	36
30	6000	150	610	0.207	35
40	6000	150	596	0.207	35
50	6000	150	583	0.207	34
0	8000	150	424	0.201	25
10	8000	150	297	0.199	18
20	8000	150	268	0.197	16
30	8000	150	259	0.196	16
40	8000	150	250	0.196	15
50	8000	150	241	0.196	15

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	Sieve	% Retained
	30	0.0
	35	0.0
	40	2.7
	45	47.2
Median Dia. = 0.350 mm	50	38.7
	60	11.4
	70	0.0
	80	0.0
	100	0.0
	<u>pan</u>	<u>0.0</u>
	Total	100.0
	% In Size as -40+70 =	97.3



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Table 2
 Conductivity and Permeability of
2.0 lb/ft₃ 40/70 Stikine V 7 Sand Sample
 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	1767	0.230	92
-2	1000	150	1660	0.228	87
0	2000	150	1544	0.226	82
10	2000	150	1514	0.225	81
20	2000	150	1504	0.224	81
30	2000	150	1490	0.224	80
40	2000	150	1476	0.224	79
50	2000	150	1467	0.224	79
0	4000	150	1258	0.219	69
10	4000	150	1189	0.218	65
20	4000	150	1166	0.217	65
30	4000	150	1153	0.217	64
40	4000	150	1148	0.217	64
50	4000	150	1146	0.217	63
0	6000	150	844	0.213	48
10	6000	150	679	0.209	39
20	6000	150	643	0.209	37
30	6000	150	627	0.208	36
40	6000	150	621	0.208	36
50	6000	150	618	0.208	36
0	8000	150	432	0.200	26
10	8000	150	318	0.198	19
20	8000	150	289	0.197	18
30	8000	150	277	0.197	17
40	8000	150	272	0.197	17
50	8000	150	270	0.197	16

May 18 - 27, 2010

	Sieve	% Retained
	30	0.0
	35	0.0
	40	2.7
	45	47.2
Median Dia := 0.350 mm	50	38.7
	60	11.4
	70	0.0
	80	0.0
	100	0.0
	<u>pan</u>	<u>0.0</u>
	Total	100.0
	% In Size as -40+70 =	97.3



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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.	Stikine V7 Sand	
	40/70	
US Standard	Weight %	
Sieve No.	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	2.7	2.7
45	47.2	49.9
50	38.7	88.6
60	11.4	100.0
70	0.0	100.0
80	0.0	100.0
100	0.0	100.0
120	0.0	100.0
140	0.0	100.0
170	0.0	100.0
200	0.0	100.0
pan	0.0	100.0
total	100.0	
in-size	97.3	= as-40+70
Median Dia. (mm)	0.350	

May 2010