

6X-3

June 13, 1975

 FIELD
COUNTY
LOCATION

 CORE LAB
FISCHER ASSAY

EXHIBIT I

OIL SHALE ASSAY

 100% OIL SHALE ASSAY
100% OIL SHALE ASSAY

Sample Number	Depth, feet	Oil		Oil Gravimetry	Water		Solids Gravimetry	Gases		Losses Gravimetry	Remarks
		Gravimetry	Vol. %		Gravimetry	Vol. %		Gravimetry	Vol. %		
1	542-543	15.2	5.8	.917	4.5	1.9	91.5	0.8		Nil	
2	543-544	22.8	8.8	.926	4.6	1.9	88.4	0.9		Nil	
3	544-545	7.5	2.9	.928	3.6	1.5	95.4	0.2		Nil	
4	545-546	8.0	3.1	.926	3.8	1.6	94.7	0.6		Nil	
5	546-547	12.8	4.8	.901	3.4	1.4	92.6	1.2		Nil	
6	547-548	5.7	2.2	.938	3.2	1.4	94.5	1.9		Nil	
7	548-549	4.3	1.6	.926	7.8	3.2	93.6	1.5		Nil	
	549-549.65	INTERVAL REMOVED FOR TESTS									
8	549.65-551	5.3	2.0	.928	3.0	1.3	95.1	1.6		Nil	
9	551-552	11.1	4.2	.911	2.8	1.1	93.8	0.8		Nil	
10	552-553	12.3	4.7	.920	2.7	1.1	93.9	0.3		Nil	
11	553-554	13.7	5.3	.919	2.3	0.9	93.4	0.4		Nil	
12	554-555	15.0	5.8	.922	3.5	1.4	92.4	0.4		Nil	
13	555-556	23.9	9.1	.909	3.6	1.5	88.4	1.0		Nil	
14	556-557	15.8	6.1	.917	3.4	1.4	92.5	0.04		Nil	
15	557-558	20.0	7.7	.924	1.9	0.8	91.0	0.5		Nil	
16	558-559	7.0	2.7	.911	4.1	1.7	95.4	0.3		Nil	
17	559-560	6.6	2.6	.932	1.6	0.7	96.4	0.4		Nil	
18	560-561	6.0	2.3	.922	1.7	0.7	95.3	1.7		Nil	
19	561-562	6.4	2.5	.923	2.9	1.2	95.8	0.6		Nil	
20	562-563	5.0	2.0	.933	1.9	0.8	96.7	0.5		Nil	
21	563-564	2.8	1.1	.915	1.7	0.7	97.7	0.5		Nil	
22	564-565	2.4	0.9	.915	1.6	0.7	97.3	1.1		Nil	
23	565-566	4.6	1.8	.929	1.2	0.5	97.4	0.3		Nil	
24	566-567	3.3	1.3	.934	1.7	0.7	97.8	0.2		Nil	
25	567-568	3.1	1.2	.920	2.4	1.0	97.6	0.2		Nil	
26	568-569	2.0	0.8	.915	2.2	0.9	98.0	0.3		Nil	
27	569-570	3.0	1.2	.915	2.3	0.9	97.7	0.2		Nil	
28	570-571	2.2	0.8	.915	1.7	0.7	98.3	0.2		Nil	
29	571-572	1.1	0.4	.915	4.0	1.7	97.5	0.5		Nil	
30	572-573	2.3	0.9	.915	6.0	2.5	96.1	0.5		Nil	

Sample Number	Depth, Feet	OIL		Oil Spacing Gravity	WATER		Sol. Sol. %	Gas Diss. Loss Vol. %	Permeability to Core	REMARKS
		Gal/Ton	Vol. %		Gal/Ton	Vol. %				
31	573-574	2.0	0.8	.915	4.3	1.8	96.8	0.6	Nil	
32	574-575	0.9	0.3	.915	5.1	2.1	97.0	0.6	Nil	
33	575-576	0.9	0.3	.915	4.4	1.8	97.4	0.4	Nil	
34	576-577	0.4	0.2	.915	6.1	2.5	97.3	0.04	Nil	
35	577-578	0.08	0.03	.915	6.0	2.5	97.2	0.3	Nil	
36	578-579	0.2	0.07	.915	5.8	2.4	97.2	0.3	Nil	
37	579-580	0.8	0.3	.915	7.1	3.0	96.4	0.3	Nil	
38	580-581	0.7	0.3	.915	7.2	3.0	96.3	0.4	Nil	
39	581-582	0.8	0.3	.915	7.2	3.0	96.1	0.6	Nil	
40	582-583	0.5	0.2	.915	6.4	2.7	96.5	0.6	Nil	
41	583-584	2.3	0.9	.915	6.0	2.5	96.0	0.5	Nil	
42	584-585	3.3	1.2	.915	3.3	1.4	96.9	0.4	Nil	
43	585-586	3.4	1.3	.915	2.4	1.0	97.4	0.3	Nil	
44	586-587	4.0	1.5	.915	1.2	0.5	97.5	0.5	Nil	
45	587-588	3.6	1.4	.915	1.2	0.5	97.8	0.3	Nil	
46	588-589	2.2	0.9	.915	3.0	1.2	97.5	0.5	Nil	
47	589-590	2.8	1.1	.915	4.5	1.9	96.5	0.5	Nil	
48	590-591	3.4	1.3	.915	2.0	0.8	97.8	0.1	Nil	
49	591-591.8	3.3	1.3	.915	2.4	1.0	97.5	0.2	Nil	
	591.8-592	MISSING CORE								
50	592-593	6.3	2.4	.909	3.5	1.4	95.8	0.3	Nil	
51	593-593.6	6.3	2.4	.897	3.5	1.4	95.9	0.3	Nil	
	593.6-594	MISSING CORE								
	594-594.4	MISSING CORE								
52	594.4-595	7.0	2.7	.922	3.3	1.4	95.7	0.2	Nil	
53	595-596	4.7	1.8	.901	4.8	2.0	96.0	0.3	Nil	
54	596-597	19.0	7.3	.915	4.7	2.0	89.7	1.1	Nil	
55	597-598	18.9	7.2	.915	4.1	1.7	89.6	1.4	Nil	
56	598-599	22.7	8.6	.912	4.7	2.0	88.1	1.3	Nil	
57	599-600	10.9	4.2	.928	3.3	1.4	93.9	0.5	Nil	
58	600-601	5.4	2.1	.926	2.3	1.0	96.4	0.6	Nil	
	601-602	MISSING CORE								
59	602-603	4.7	1.8	.907	3.2	1.3	96.4	0.5	Nil	
60	603-603.6	3.6	1.4	.920	2.6	1.1	97.3	0.2	Nil	

Oil Shale Assay

Sample Foot	Depth, Feet	OIL		CI Specific Gravity	WATER		Spent Solids Yt. %	Gas Plus Loss Yt. %	Tendency to Coale	REMARKS
		Gal/Ton	Yt. %		Gal/Ton	Yt. %				
	603.6-606	SAMPLE REMOVED FOR TESTS								
61	606-607	10.3	3.8	.899	3.8	1.6	93.7	0.9	Nil	
62	607-608	5.4	2.1	.923	3.5	1.4	96.0	0.4	Nil	
63	608-609	4.6	1.8	.918	3.0	1.3	96.5	0.5	Nil	
64	609-610	3.2	1.2	.915	3.2	1.3	96.7	0.8	Nil	
65	610-611	2.5	1.0	.915	1.7	0.7	97.9	0.4	Nil	
66	611-612	4.0	1.5	.915	1.6	0.7	96.8	1.0	Nil	
67	612-613	5.0	1.9	.917	1.4	0.6	96.8	0.7	Nil	
68	613-614	9.4	3.6	.916	1.4	0.6	94.7	1.2	Nil	
69	614-615	9.2	3.5	.911	1.4	0.6	95.0	0.9	Nil	
70	615-616	5.4	2.1	.919	1.4	0.6	96.7	0.7	Nil	
71	616-617	5.7	2.2	.919	1.6	0.7	96.0	1.1	Nil	
72	617-618	6.1	2.4	.923	1.6	0.7	96.1	0.9	Nil	
73	618-619	7.0	2.7	.918	1.6	0.7	95.9	0.7	Nil	
74	619-620	6.6	2.5	.917	2.2	0.9	95.8	0.7	Nil	
75	620-621	5.9	2.2	.919	2.8	1.1	96.1	0.5	Nil	
76	621-622	11.1	4.3	.917	2.5	1.0	93.9	0.8	Nil	
77	622-623	19.1	7.3	.915	3.0	1.3	89.9	1.6	Nil	
78	623-624	44.8	17.0	.907	3.9	1.6	78.3	3.1	Medium	
79	624-625	11.6	4.4	.916	1.9	0.8	93.6	1.2	Nil	
80	625-626	9.5	3.7	.924	1.6	0.7	95.0	0.6	Nil	
81	626-627	7.3	2.8	.908	1.4	0.6	95.7	1.0	Nil	
82	627-628	8.1	3.1	.914	1.4	0.6	95.7	0.7	Nil	
83	628-629	7.6	2.9	.919	1.2	0.5	96.0	0.6	Nil	
84	629-630	8.8	3.3	.912	1.2	0.5	95.5	0.7	Nil	
	630-630.5	MISSING CORE								
85	630.5-631	8.6	3.3	.915	1.0	0.4	95.7	0.6	Nil	
86	631-632	9.1	3.4	.911	1.4	0.6	95.2	0.7	Nil	
87	632-633	9.7	3.7	.916	1.6	0.7	95.2	0.4	Nil	
88	633-634	9.0	3.4	.914	1.4	0.6	95.7	0.3	Nil	
89	634-635	8.4	3.2	.928	1.2	0.5	95.6	0.7	Nil	
90	635-636	7.8	3.0	.923	0.9	0.4	95.9	0.8	Nil	
91	636-637	9.8	3.8	.925	2.3	1.0	93.9	1.3	Nil	
92	637-638	11.8	4.5	.916	2.1	0.9	94.1	0.5	Nil	
93	638-639	11.8	4.5	.919	1.9	0.8	94.3	0.4	Nil	
94	639-640	11.9	4.6	.920	1.2	0.5	94.5	0.5	Nil	
95	640-641	11.9	4.6	.919	1.4	0.6	94.1	0.8	Nil	
96	641-641.8	12.1	4.6	.913	1.6	0.7	94.2	0.6	Nil	

OIL SHALE ASSAY

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Sample Number	Depth, feet	OIL		Oil Specific Gravity	WATER		Semi Shale Wt. %	Gas Flare Loss		Tendency to Coke	REMARKS
		Gal/Ton	Wt. %		Gal/Ton	Wt. %		Wt. %	Wt. %		
98	643-644	11.2	4.3	.916	1.6	0.7	94.5	0.5		Nil	
99	644-645	12.8	4.9	.915	1.9	0.8	93.7	0.6		Nil	
100	645-646	13.6	5.3	.926	1.7	0.7	93.6	0.5		Nil	
101	646-647	11.7	4.5	.921	1.2	0.5	94.5	0.5		Nil	
102	647-648	8.1	3.1	.932	1.2	0.5	95.9	0.5		Nil	
103	648-649	7.1	2.7	.930	0.9	0.4	96.5	0.3		Nil	
104	649-650	6.6	2.5	.913	1.1	0.5	96.6	0.4		Nil	
105	650-651	7.1	2.7	.912	0.7	0.3	96.9	0.1		Nil	
106	651-652	7.8	3.0	.917	1.2	0.5	96.0	0.5		Nil	
107	652-653	7.5	2.9	.926	2.1	0.9	95.8	0.4		Nil	
108	653-654	8.1	3.1	.924	1.6	0.7	95.7	0.5		Nil	
109	654-655	16.7	6.3	.909	2.1	0.9	92.4	0.4		Nil	
110	655-656	15.5	5.9	.910	1.7	0.7	92.7	0.7		Nil	
111	656-657	11.3	4.4	.933	0.9	0.4	94.2	1.0		Nil	
	657-660	INTERVAL SAVED FOR TESTS									
112	660-661	6.8	2.7	.934	0.7	0.3	95.9	1.1		Nil	
113	661-662	7.5	2.9	.940	1.2	0.5	95.6	1.0		Nil	
114	662-663	8.7	3.4	.938	1.2	0.5	95.4	0.7		Nil	
115	663-664	8.8	3.4	.936	0.9	0.4	95.3	0.9		Nil	
116	664-665	12.3	4.8	.932	0.7	0.3	94.1	0.8		Nil	
117	665-666	11.9	4.6	.934	0.9	0.4	94.0	1.0		Nil	
118	666-667	10.8	4.2	.931	1.2	0.5	94.5	0.8		Nil	
119	667-668	11.5	4.4	.925	1.2	0.5	94.2	0.8		Nil	
	668-669	MISSING CORE									
120	669-670.1	9.9	3.8	.921	0.7	0.3	94.7	1.2		Nil	
	670.1-670.6	MISSING CORE									
121	670.6-672	9.7	3.8	.933	0.7	0.3	95.3	0.7		Nil	
122	672-673	11.2	4.4	.929	1.0	0.4	94.3	0.9		Nil	
123	673-674	9.5	3.7	.929	0.7	0.3	95.2	0.7		Nil	
124	674-675	8.1	3.2	.934	0.9	0.4	95.6	0.8		Nil	
125	675-676	8.8	3.4	.932	0.7	0.3	95.2	1.0		Nil	
126	676-677	9.5	3.7	.934	0.7	0.3	95.2	0.8		Nil	
127	677-678	9.7	3.8	.936	0.9	0.4	95.1	0.8		Nil	
128	678-679	10.4	4.0	.932	1.0	0.4	94.7	0.9		Nil	
129	679-680	8.4	3.3	.933	1.2	0.5	95.5	0.7		Nil	
130	680-681	7.6	2.9	.922	1.2	0.5	95.9	0.6		Nil	
131	681-682	8.4	3.2	.925	1.0	0.4	95.6	0.7		Nil	
132	682-683	8.8	3.4	.926	1.2	0.5	95.2	0.9		Nil	
133	683-684	7.7	3.0	.923	1.0	0.4	95.6	1.0		Nil	

OIL SHALE ANALYSIS

EX-3

Sample Number	Depth Feet	OIL		Oil Specific Gravity	WATER		Sulfur Shale Yt. %	Gas Flies Loss Yt. %		Tendency to Coke	REMARKS
		Gal/Ton	Yt. %		Gal/Ton	Yt. %					
134	684-685	14.9	5.7	.922	1.2	0.5	92.4	1.4		Nil	
135	685-686	13.4	5.2	.919	1.2	0.5	93.4	1.0		Nil	
136	686-687	14.7	5.6	.918	1.2	0.5	92.7	1.1		Nil	
137	687-688	8.3	3.2	.931	1.2	0.5	95.4	0.8		Nil	
138	688-689	7.2	2.8	.920	1.2	0.5	96.0	0.7		Nil	
139	689-690	5.2	2.0	.928	0.5	0.2	97.2	0.6		Nil	
140	690-690.7	8.5	3.3	.926	0.9	0.4	95.5	0.8		Nil	
	690.7-692	MISSING CORE									
	692-694	INTERVAL SAVED FOR TESTS									
141	694-695	9.8	3.9	.955	1.3	0.6	95.3	0.2		Nil	
142	695-696	8.2	3.2	.939	2.0	0.8	95.6	0.3		Nil	
143	696-697	7.2	2.8	.924	1.3	0.5	96.3	0.4		Nil	
144	697-698	6.4	2.5	.937	1.3	0.5	96.7	0.2		Nil	
145	698-699	6.9	2.5	.882	2.1	0.9	96.1	0.5		Nil	
146	699-700	8.0	3.1	.933	1.6	0.7	96.0	0.2		Nil	
147	700-701	7.8	3.0	.924	1.4	0.6	95.9	0.5		Nil	
148	701-702	10.2	3.9	.922	1.5	0.6	95.0	0.4		Nil	
149	702-703	18.4	7.1	.928	2.2	0.9	91.0	1.0		Nil	
150	703-704	14.1	5.4	.925	1.8	0.7	93.1	0.7		Nil	
151	704-705	8.0	3.1	.944	1.1	0.5	96.0	0.4		Nil	
152	705-706	7.1	2.7	.913	1.2	0.5	96.5	0.3		Nil	
153	706-707	6.7	2.6	.928	1.2	0.5	96.6	0.3		Nil	
154	707-708	6.7	2.6	.918	1.2	0.5	96.4	0.5		Nil	
155	708-709	6.3	2.5	.935	1.2	0.5	96.6	0.4		Nil	
156	709-710	6.7	2.6	.928	1.2	0.5	96.6	0.3		Nil	
157	710-711	6.1	2.4	.928	1.3	0.6	96.7	0.3		Nil	
158	711-712	6.1	2.4	.933	1.4	0.6	96.4	0.6		Nil	
159	712-713	6.6	2.5	.929	1.2	0.5	96.3	0.6		Nil	
160	713-714	6.2	2.4	.929	1.4	0.6	96.4	0.6		Nil	
161	714-715	6.3	2.5	.930	1.4	0.6	96.8	0.1		Nil	
162	715-716	6.9	2.6	.915	1.6	0.7	96.3	0.4		Nil	
163	716-717	6.9	2.7	.937	1.2	0.5	96.3	0.5		Nil	
164	717-718	5.5	2.1	.917	1.4	0.6	95.7	1.6		Nil	
165	718-719	4.2	1.6	.913	1.4	0.6	97.7	0.1		Nil	
166	719-720	5.4	2.1	.930	1.4	0.6	96.9	0.4		Nil	
167	720-721	7.1	2.8	.939	1.4	0.6	96.2	0.4		Nil	
168	721-722	11.9	4.6	.922	1.2	0.5	94.7	0.2		Nil	
169	722-723	21.2	8.1	.917	2.3	1.0	90.0	0.9		Nil	
							93.9	0.6		Nil	

[illegible]

Sample No.	Depth, Feet	Oil		Oil Specific Gravity	WATER		Sp. Gr. of Solids	Gas Bls. Loss		Total Dry to Color	REMARKS
		Gel/Ten	Vol %		Gel/Ten	Vol %		Vol %	Vol %		
201	756-757	12.2	4.7	.915	2.1	0.9	94.0	0.4		Nil	
202	757-758	12.6	4.8	.915	2.3	1.0	93.4	0.8		Nil	
203	758-759	9.8	3.8	.925	1.6	0.7	95.2	0.4		Nil	
204	759-760	8.4	3.3	.931	1.8	0.8	95.7	0.3		Nil	
205	760-761	6.1	2.4	.925	3.0	1.3	96.3	0.1		Nil	
206	761-762	3.8	1.5	.918	1.8	0.8	97.3	0.5		Nil	
207	762-763	21.8	8.4	.921	2.6	1.1	89.1	1.5		Nil	
208	763-764	22.1	8.5	.925	4.5	1.9	88.1	1.6		Nil	
209	764-765	10.6	4.1	.927	1.9	0.8	94.5	0.7		Nil	
210	765-766	6.8	2.7	.939	1.9	0.8	96.2	0.4		Nil	
211	766-767	6.2	2.4	.925	2.1	0.9	96.4	0.3		Nil	
212	767-768	6.8	2.6	.927	1.2	0.5	96.6	0.3		Nil	
213	768-769	7.8	3.0	.927	1.7	0.7	96.0	0.3		Nil	
214	769-770	8.4	3.3	.925	2.4	1.0	95.4	0.3		Nil	
215	770-771	11.3	4.4	.931	2.3	1.0	94.1	0.6		Nil	
216	771-772	20.3	7.8	.926	3.5	1.4	89.5	1.2		Nil	
217	772-773	5.5	2.1	.926	2.3	1.0	96.2	0.8		Nil	
218	773-774	9.7	3.7	.918	2.8	1.2	94.2	0.9		Nil	
219	774-775	7.8	3.0	.926	2.3	1.0	95.3	0.8		Nil	
220	775-776	9.1	3.6	.934	2.4	1.0	95.0	0.5		Nil	
221	776-777	15.5	6.0	.937	2.1	0.9	92.4	0.7		Nil	
222	777-778	32.0	12.0	.902	3.5	1.5	84.4	2.1		Nil	
223	778-779	15.3	5.9	.934	2.4	1.0	92.3	0.8		Nil	
224	779-782.4	8.5	3.3	.940	1.8	0.8	95.3	0.6		Nil	Sample was all dust in
225	782.4-783	10.2	4.0	.948	2.4	1.0	94.3	0.7		Nil	
226	783-784	12.0	4.7	.931	2.0	0.8	93.7	0.8		Nil	
227	784-785	12.4	4.9	.941	1.4	0.6	93.6	0.9		Nil	
228	785-786	11.2	4.4	.935	1.7	0.7	94.2	0.8		Nil	
229	786-787	10.4	4.0	.929	1.4	0.6	94.8	0.6		Nil	
	787-791	MISSING CORE									
230	791-792	13.5	5.3	.945	1.8	0.8	93.2	0.7		Nil	
231	792-793	13.4	5.2	.932	1.6	0.7	93.5	0.6		Nil	
232	793-794	11.4	4.5	.940	1.2	0.5	94.6	0.5		Nil	
233	794-795	11.9	4.6	.938	1.2	0.5	94.5	0.4		Nil	
234	795-796	14.3	5.5	.926	1.6	0.7	93.1	0.7		Nil	
235	796-797	15.3	5.9	.928	1.4	0.6	92.9	0.5		Nil	
236	797-798	12.9	5.0	.922	1.4	0.6	93.6	0.9		Nil	
237	798-799	12.6	4.8	.920	1.6	0.7	93.6	0.8		Nil	
238	799-800	13.0	4.9	.910	3.0	1.2	93.0	0.8		Nil	

Sample No. & Loc.	Depth, Feet	OIL		OIL Specific Gravity	WATER		Solid Subs. Vol. %	Gas Dist. T-4		Total to Core	REMARKS
		Gal/Ton	Wt. %		Gal/Ton	Wt. %		Vol. %	Wt. %		
241	802-804	12.6	4.8	.906	3.4	1.4	92.8	1.0		Nil	
242	804-805	11.8	4.5	.909	1.8	0.8	93.8	1.0		Nil	
243	804-805	12.1	4.6	.910	2.8	1.2	93.5	0.7		Nil	
244	805-806	11.0	4.3	.924	3.5	1.4	93.6	0.8		Nil	
245	806-807	12.6	4.8	.917	2.4	1.0	93.5	0.7		Nil	
246	807-808	12.9	4.9	.918	2.6	1.1	92.9	1.1		Nil	
247	808-809	14.3	5.5	.913	2.4	1.0	92.1	1.5		Nil	
248	809-810	16.5	6.2	.899	2.6	1.1	91.4	1.3		Nil	
249	810-811	17.3	6.5	.900	2.3	1.0	91.0	1.5		Nil	
250	811-812	13.4	5.0	.900	2.3	1.0	92.8	1.2		Nil	
251	812-813	15.6	5.9	.907	2.3	1.0	91.8	1.3		Nil	
252	813-814	30.0	11.3	.904	1.9	0.8	85.9	2.0		Nil	
253	814-815	18.9	7.3	.924	2.5	1.0	90.4	1.3		Nil	
254	815-816	21.5	8.2	.909	2.1	0.9	89.2	1.7		Nil	
255	816-817	21.7	8.3	.917	2.4	1.0	89.2	1.6		Nil	
256	817-818	18.9	7.1	.900	3.6	1.5	90.0	1.5		Nil	
257	818-819	15.9	6.1	.919	2.5	1.0	91.5	1.4		Nil	
258	819-820	14.4	5.5	.912	2.4	1.0	92.4	1.2		Nil	
259	820-821	13.0	5.0	.912	2.1	0.9	93.1	1.0		Nil	
260	821-822	9.7	3.7	.925	3.0	1.2	93.9	1.1		Nil	
261	822-823	8.4	3.3	.929	3.8	1.6	94.3	0.9		Nil	
262	823-824	12.1	4.6	.908	2.6	1.1	93.3	1.1		Nil	
263	824-825	15.4	5.9	.918	3.1	1.3	91.7	1.1		Nil	
264	825-826	9.7	3.8	.925	3.3	1.4	94.1	0.8		Nil	
265	826-827	8.0	3.1	.924	4.3	1.8	94.3	0.9		Nil	
266	827-828	7.5	2.9	.913	2.6	1.1	95.4	0.6		Nil	
267	828-829	9.5	3.7	.923	2.4	1.0	94.5	0.8		Nil	
268	829-830	17.0	6.5	.916	3.1	1.3	91.0	1.3		Nil	
	830-831	INTERVAL SAVED FOR TESTS									
269	831-832	10.9	4.2	.926	3.0	1.3	93.4	1.1		Nil	
270	832-833	9.2	3.5	.926	4.8	2.0	93.4	1.0		Nil	
271	833-834	9.4	3.6	.925	3.5	1.5	94.1	0.8		Nil	
272	834-835	7.8	3.0	.916	2.8	1.2	95.8	0.1		Nil	
273	835-836	7.8	3.0	.913	3.3	1.4	95.2	0.4		Nil	
274	836-837	13.9	5.3	.915	3.3	1.3	92.5	0.8		Nil	
275	837-838	11.3	4.3	.903	3.3	1.4	93.8	0.6		Nil	
276	838-839	7.2	2.7	.907	4.3	1.8	95.1	0.4		Nil	
277	839-840	6.2	2.4	.919	4.5	1.9	95.8	0.1		Nil	
278	840-840.8	7.5	2.9	.922	4.9	2.0	95.0	0.1		Nil	

OIL SHALE ASSAY

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Sample Number	Depth, Feet	OIL		Oil Specific Gravity	WATER		Sulfur, %	Gas Test		To Analyze to Core	REMARKS
		Gal/Ton	Vol. %		Gal/Ton	Vol. %		Vol. %	Vol. %		
279	841.35-842.33	9.7	3.7	.909	3.8	1.6	94.4	0.3		Nil	
	842.33-843.1	INTERVAL SAVED FOR TESTS									
280	843.1-844.0	6.0	2.3	.918	3.1	1.3	96.3	0.1		Nil	
281	844-845	6.1	2.4	.922	2.6	1.1	96.4	0.1		Nil	
282	845-846	23.2	8.8	.910	3.3	1.4	87.9	1.9		Nil	
283	846-847	16.9	6.4	.911	3.5	1.4	90.7	1.4		Nil	
284	847-848	8.9	3.5	.932	3.5	1.4	94.1	1.0		Nil	
285	848-849	7.7	3.0	.921	3.8	1.6	94.7	0.8		Nil	
286	849-850	9.3	3.6	.935	3.4	1.4	94.1	0.9		Nil	
287	850-851	8.5	3.3	.936	3.4	1.4	94.4	0.9		Nil	
288	851-852	8.9	3.4	.928	4.3	1.8	93.8	1.0		Nil	
289	852-853	7.5	2.9	.919	4.7	1.9	94.1	1.1		Nil	
290	853-854	6.5	2.5	.932	3.7	1.5	95.3	0.6		Nil	
291	854-855	13.7	5.3	.922	3.1	1.3	92.2	1.2		Nil	
292	855-856	28.5	10.9	.920	3.6	1.5	85.4	2.1		Nil	
293	856-857	10.5	4.1	.934	2.8	1.2	93.9	0.8		Nil	
294	857-858	9.7	3.6	.935	2.4	1.0	95.0	0.4		Nil	
295	858-859	7.7	3.0	.934	2.8	1.2	95.1	0.7		Nil	
296	859-860	6.4	2.5	.928	3.4	1.4	95.7	0.4		Nil	
297	860-861	7.4	2.9	.933	2.3	1.0	95.2	0.9		Nil	
298	861-862	13.4	5.2	.925	2.7	1.1	92.2	1.5		Nil	
299	862-863	31.2	12.0	.924	4.4	1.8	83.5	2.7		Nil	
300	863-864	22.1	8.5	.921	2.3	1.0	88.7	1.9		Nil	
301	864-865	11.6	4.5	.928	2.6	1.1	93.5	1.0		Nil	
302	865-866	8.8	3.4	.926	2.3	1.0	94.6	1.0		Nil	
303	866-867	8.7	3.4	.930	2.5	1.0	94.4	1.2		Nil	
304	867-868	11.1	4.3	.923	2.9	1.2	93.1	1.4		Nil	
305	868-869	13.0	5.0	.914	4.1	1.7	91.9	1.4		Nil	
306	869-870	19.9	7.6	.911	4.1	1.7	89.6	1.1		Nil	
307	870-871	44.7	17.2	.923	4.4	1.8	78.2	2.8		Nil	
308	871-872.2	12.5	4.9	.934	2.4	1.0	93.1	1.0		Nil	
309	872.2-873	8.3	3.2	.927	3.1	1.3	95.2	0.3		Nil	
310	873-874	8.1	3.2	.935	2.7	1.1	95.1	0.6		Nil	
311	874-875	7.4	2.9	.935	2.5	1.0	95.6	0.4		Nil	
312	875-876	7.2	2.8	.935	3.0	1.2	95.7	0.7		Nil	
313	876-877	11.5	4.5	.935	3.0	1.1	94.0	0.4		Nil	
314	877-878	14.2	5.5	.926	3.0	1.3	92.5	0.8		Nil	
315	878-879	13.0	5.0	.926	2.8	1.2	93.1	0.8		Nil	
316	879-880	12.1	4.7	.929	3.2	1.3	93.3	0.7		Nil	

OIL SHALE ASSAY

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Sample Number	Dr. No. Test	OIL		Oil Specific Gravity	WATER			Solid Shale Wt. %	Cos Fluor loss		Tendency to Coke	REMARKS
		Gal/Ton	Vol. %		Gal/Ton	Wt. %			Vol. %			
318	881-882	12.1	4.7	.929	2.4	1.0		93.5	0.8		Nil	
319	882-883	12.7	5.0	.939	2.7	1.1		93.0	0.9		Nil	
320	883-884	32.6	12.4	.914	3.3	1.4		84.0	2.1		Nil	
321	884-885	23.4	9.1	.937	3.0	1.2		88.0	1.7		Nil	
322	885-886	11.4	4.4	.919	1.8	0.8		94.1	0.8		Nil	
323	886-887	11.2	4.4	.933	2.3	0.9		93.8	0.9		Nil	
324	887-888	6.5	2.5	.923	1.8	0.7		96.3	0.4		Nil	
325	888-889	2.5	1.0	.919	2.5	1.0		97.6	0.4		Nil	
326	889-890	6.9	2.7	.933	2.4	1.0		95.8	0.5		Nil	
327	890-891	15.7	6.1	.923	2.7	1.1		91.6	1.2		Nil	
328	891-892	27.4	10.5	.922	2.7	1.1		86.4	1.9		Nil	
329	892-893	12.5	4.8	.922	2.2	0.9		93.6	0.7		Nil	
330	893-894	11.6	4.4	.914	2.6	1.1		93.9	0.6		Nil	
331	894-895	11.8	4.5	.915	1.9	0.8		94.0	0.7		Nil	
332	895-896	12.8	5.0	.926	2.2	0.9		93.5	0.6		Nil	
333	896-897	18.7	7.3	.935	4.6	1.9		90.0	0.8		Nil	
334	897-898	16.6	6.4	.922	1.8	0.7		91.8	1.1		Nil	
335	898-899	13.3	5.1	.922	1.4	0.6		93.5	0.8		Nil	
336	899-900	10.0	3.9	.936	1.9	0.8		94.6	0.7		Nil	
337	900-901	9.8	3.8	.936	1.3	0.6		94.9	0.7		Nil	
338	901-902	10.2	3.9	.920	1.1	0.5		95.0	0.7		Nil	
339	902-903	11.7	4.3	.926	1.6	0.7		94.1	0.9		Nil	
340	903-904	14.2	5.5	.926	2.6	1.1		92.7	0.7		Nil	
341	904-905	16.4	6.5	.952	4.0	1.7		91.0	0.8		Nil	
342	905-906	12.8	5.0	.927	1.6	0.7		93.7	0.7		Nil	
343	906-907	12.8	4.9	.913	1.1	0.5		94.1	0.6		Nil	
344	907-908	13.0	5.0	.928	1.1	0.5		93.9	0.6		Nil	
345	908-909	11.1	4.3	.932	1.3	0.5		94.8	0.3		Nil	
346	909-910	13.2	5.1	.928	1.6	0.7		93.4	0.8		Nil	
347	910-911	12.5	4.9	.933	1.8	0.8		93.9	0.5		Nil	
348	911-912	12.6	4.9	.925	1.6	0.7		93.6	0.9		Nil	
349	912-913	11.6	4.5	.926	1.8	0.7		94.3	0.5		Nil	
350	913-914	12.1	4.6	.922	3.2	1.3		93.3	0.7		Nil	
351	914-915	11.6	4.5	.931	2.8	1.2		93.7	0.6		Nil	
352	915-916	12.9	5.0	.926	1.6	0.6		93.6	0.8		Nil	
353	916-917	14.8	5.7	.931	1.8	0.7		92.8	0.7		Nil	
354	917-918	11.7	4.5	.927	2.7	1.1		93.6	0.8		Nil	
355	918-919	10.3	4.0	.925	1.6	0.7		94.7	0.7		Nil	
356	919-920	12.2	6.6	.920	1.6	0.7		91.8	0.9		Nil	

Core No.	Interval, ft.	CIC		Oil Sample Gravity	Moisture		Sulfur, %	Gas Flow, L/hr		Temperature, °C	Remarks
		Depth, ft.	Vol. %		Grav. %	Vol. %		Vol. %	Vol. %		
357	920-921	16.6	6.3	.916	2.9	1.2	91.5	1.0		Nil	
358	921-922	12.0	4.6	.911	1.1	0.5	94.3	0.6		Nil	
359	922-923	12.2	4.8	.932	2.0	0.8	93.9	0.5		Nil	
360	923-924	12.1	4.7	.939	1.5	0.6	93.9	0.7		Nil	
361	924-925	11.6	4.6	.946	1.2	0.5	94.2	0.7		Nil	
362	925-926	10.8	4.2	.936	1.5	0.6	94.6	0.6		Nil	
363	926-927	20.2	7.7	.913	1.5	0.6	90.3	1.4		Nil	
364	927-928	14.5	5.5	.908	1.5	0.6	92.8	1.1		Nil	
365	928-929	11.7	4.5	.925	1.4	0.6	93.9	1.0		Nil	
366	929-930	10.7	4.1	.928	1.3	0.5	94.8	0.6		Nil	
367	930-931	10.9	4.2	.914	2.1	0.9	94.2	0.8		Nil	
368	931-932	11.5	4.4	.923	1.7	0.7	93.9	1.0		Nil	
369	932-933	19.3	7.4	.922	3.4	1.4	89.9	1.2		Nil	
370	933-934	12.6	4.9	.929	5.4	2.3	92.3	0.5		Nil	
371	934-935	12.6	4.9	.932	5.9	2.5	92.0	0.6		Nil	
372	935-936	12.5	4.8	.922	2.9	1.2	93.2	0.7		Nil	
373	936-937	12.7	5.0	.931	2.2	0.9	93.1	1.0		Nil	
374	937-938	13.4	5.1	.912	2.1	0.9	93.1	0.9		Nil	
375	938-939	17.3	6.6	.917	2.1	0.9	91.4	1.1		Nil	
376	939-940	16.8	6.5	.921	1.6	0.7	91.7	1.2		Nil	
377	940-941	16.1	6.2	.917	1.4	0.6	92.1	1.2		Nil	
378	941-942	23.3	8.8	.905	1.5	0.6	88.9	1.6		Nil	
379	942-943	13.3	5.1	.915	1.4	0.6	93.2	1.1		Nil	
380	943-944	12.0	4.6	.928	1.1	0.5	93.9	1.0		Nil	
381	944-945	9.5	3.7	.926	1.8	0.7	94.5	1.1		Nil	
382	945-946	8.0	3.1	.923	1.6	0.7	95.3	1.0		Nil	
383	946-947	10.4	3.9	.903	1.4	0.6	94.8	0.7		Nil	
384	947-948	13.6	5.3	.928	1.5	0.6	93.0	1.1		Nil	
385	948-949	15.4	5.9	.916	1.6	0.7	92.0	1.4		Nil	
386	949-950	10.2	3.9	.910	1.4	0.6	94.3	1.3		Nil	
387	950-951	7.5	2.9	.927	1.5	0.6	95.2	1.2		Nil	
388	951-952	9.9	3.8	.924	1.6	0.7	94.5	1.0		Nil	
389	952-953	9.8	3.7	.918	2.3	1.0	94.1	1.2		Nil	
390	953-954	6.0	2.3	.922	1.3	0.5	96.3	0.8		Nil	
391	954-955	12.0	4.6	.916	1.6	0.7	93.8	0.9		Nil	
392	955-956	17.1	6.5	.917	1.9	0.8	91.2	1.5		Nil	
393	956-957	15.9	6.0	.912	1.4	0.6	92.2	1.2		Nil	
394	957-958	10.8	4.1	.905	0.9	0.4	94.5	1.1		Nil	
395	958-959	9.3	3.6	.923	1.2	0.5	95.0	0.9		Nil	

Sample No.	Depth, Feet	OIL		Oil Specific Gravity	WATER		Solid Specific Gravity	Gas Loss Vol. %	Temperature in Cells	Remarks
		Gr./Ton	Vol. %		Gr./Ton	Vol. %				
396	959-960	10.8	4.1	.910	0.9	0.4	94.6	0.9	Nil	
397	960-961	26.6	9.9	.896	1.6	0.7	87.4	2.0	Nil	
398	961-962	35.7	13.7	.918	1.6	0.7	83.1	2.6	Nil	
399	962-963	13.3	5.1	.908	1.5	0.6	93.1	1.2	Nil	
400	963-964	13.4	5.1	.914	1.8	0.7	92.7	1.4	Nil	
401	964-965	13.2	5.1	.920	2.3	0.9	92.5	1.5	Nil	
402	965-966	15.9	6.1	.920	1.9	0.8	91.9	1.2	Nil	
403	966-967	15.7	5.9	.910	2.0	0.8	92.1	1.1	Nil	
404	967-968	15.2	5.8	.912	1.8	0.8	92.2	1.3	Nil	
405	968-969	31.8	12.1	.914	2.1	0.9	85.5	1.5	Slight	
406	969-970	23.8	9.0	.908	1.7	0.7	89.0	1.2	Nil	
407	970-971	15.8	6.0	.907	1.2	0.5	93.0	0.6	Nil	
408	971-972	16.9	6.4	.910	1.2	0.5	92.3	0.9	Nil	
409	972-973	30.3	11.2	.890	2.5	1.0	86.4	1.3	Nil	
410	973-974	29.0	10.9	.902	2.1	0.9	86.6	1.6	Nil	
411	974-975	11.8	4.5	.910	1.0	0.4	94.4	0.7	Nil	
412	975-976	7.0	2.6	.909	0.7	0.3	96.9	0.1	Nil	
413	976-977	6.2	2.4	.925	0.9	0.4	97.2	0.1	Nil	
414	977-978	7.5	2.9	.916	0.9	0.4	96.7	0.1	Nil	
415	978-979	7.8	3.0	.909	0.7	0.3	96.7	0.1	Nil	
416	979-980	8.0	3.1	.928	1.2	0.5	96.3	0.1	Nil	
417	980-981	18.7	7.1	.908	1.2	0.5	91.8	0.6	Nil	
418	981-982	11.4	4.3	.907	0.6	0.3	95.2	0.2	Nil	
419	982-983	8.1	3.1	.918	0.7	0.3	96.2	0.4	Nil	
420	983-984	7.4	2.9	.919	0.7	0.3	96.2	0.6	Nil	
421	984-985	8.4	3.2	.913	0.9	0.4	95.6	0.8	Nil	
422	985-986	7.5	2.8	.907	1.2	0.5	95.9	0.8	Nil	
423	986-986.8	4.7	1.6	.914	1.3	0.5	97.5	0.4	Nil	
	986.8-989.7	MISSING CORE								
424	989.7-990	12.6	4.8	.913	2.3	1.0	93.2	1.0	Nil	
425	990-991	37.7	14.3	.907	3.2	1.4	87.8	1.6	Slight	
	991-992	MISSING CORE								
426	992-993	19.9	7.4	.898	2.6	1.1	90.5	1.0	Nil	
427	993-994	16.8	6.4	.912	3.0	1.3	91.7	0.6	Nil	
428	994-995	12.6	4.8	.903	2.8	1.2	93.7	0.4	Nil	
429	995-996	17.3	6.6	.915	4.5	1.9	91.0	0.5	Nil	
430	996-997	17.1	6.6	.924	4.5	1.9	91.0	0.5	Nil	
431	997-998	27.4	10.8	.943	4.1	1.7	85.7	1.8	Nil	
432	998-999	28.3	11.0	.936	2.3	1.0	86.6	1.5	Nil	

Sample Number	Depth, Feet	Oil		CI Specific Gravity	Water		Spent Solvent Vol. %	Gas Flax Test		Tendency to Corrode	REMARKS
		Gr./Ton	Vol. %		Gr./Ton	Vol. %		Vol. %	Vol. %		
433	999-1000	25.0	9.5	.910	2.8	1.2	87.8	1.6		Nil	
434	1000-1001	42.9	16.0	.893	2.3	1.0	81.0	2.0		Nil	
435	1001-1002	38.9	14.8	.912	3.9	1.6	80.8	2.8		Nil	
436	1002-1003	28.5	10.6	.892	2.6	1.1	87.1	1.2		Nil	
437	1003-1004	24.0	9.0	.896	2.4	1.0	88.8	1.2		Nil	
438	1004-1005	21.3	8.2	.923	2.4	1.0	89.4	1.3		Nil	
439	1005-1006	14.3	5.5	.933	2.9	1.2	92.2	1.1		Nil	
440	1006-1007	11.4	4.4	.923	3.2	1.3	93.4	0.8		Nil	
441	1007-1008	22.9	8.8	.923	2.8	1.2	88.4	1.6		Nil	
442	1008-1009	20.7	7.9	.914	2.8	1.2	89.5	1.4		Nil	
443	1009-1010	11.7	4.3	.906	3.1	1.3	93.8	0.7		Nil	
444	1010-1011	15.2	5.8	.911	2.4	1.0	92.2	1.0		Nil	
445	1011-1012	13.6	5.2	.911	4.8	2.0	91.4	1.4		Nil	
446	1012-1013	12.9	4.8	.898	1.7	0.7	93.6	0.9		Nil	
447	1013-1014	13.1	4.9	.902	1.1	0.5	94.0	0.6		Nil	
448	1014-1015	13.5	5.3	.943	1.3	0.5	93.5	0.6		Nil	
449	1015-1016	19.6	7.6	.934	1.8	0.8	91.4	0.2		Nil	
450	1016-1017	32.4	12.0	.896	2.3	1.0	85.4	1.5		Slight	
451	1017-1018	41.2	15.3	.891	3.1	1.3	81.1	2.4		Slight	
452	1018-1019	22.3	8.4	.908	2.5	1.0	89.2	1.3		Nil	
453	1019-1020	20.8	7.9	.911	2.1	0.9	90.0	1.3		Nil	
454	1020-1021	21.4	8.1	.911	2.2	0.9	89.4	1.5		Nil	
455	1021-1022	30.9	11.6	.898	1.9	0.8	86.3	1.3		Nil	
456	1022-1023	43.3	16.4	.909	2.4	1.0	80.1	2.5		Nil	
457	1023-1024	34.9	13.2	.906	1.9	0.8	84.0	2.0		Nil	
458	1024-1025	41.0	15.7	.917	1.9	0.8	81.8	1.8		Slight	
459	1025-1026	57.6	21.6	.901	3.0	1.3	74.0	3.1		Medium	
460	1026-1027	45.1	17.0	.904	2.9	1.2	77.7	4.1		Medium	
461	1027-1028	67.7	25.7	.909	3.8	1.6	65.2	7.5		High	
462	1028-1029	64.0	24.6	.920	4.4	1.8	69.3	4.3		High	
463	1029-1030	49.0	18.6	.909	5.7	2.4	75.4	3.6		Slight	
464	1030-1031	32.9	12.6	.916	2.6	1.1	81.7	4.6		Slight	
465	1031-1032	44.2	16.8	.912	4.3	1.8	75.9	5.5		Slight	
465	1032-1033	37.2	14.3	.923	1.6	0.7	83.0	2.0		Slight	
467	1033-1034	22.4	8.6	.918	1.9	0.8	89.5	1.1		Nil	
468	1034-1035	18.2	6.9	.904	2.6	1.1	91.0	1.0		Nil	
469	1035-1036	22.5	9.5	.896	2.1	0.9	88.1	1.5		Nil	
470	1036-1037	32.9	12.2	.891	1.7	0.7	85.2	1.9		Nil	
		28.7	11.2	.909	2.1	0.9	85.8	2.1		Nil	

OIL SHALE ANALYSIS

Sample Number	Depth, Feet	Oil		Oil Specific Gravity	Water		Sulfur Content, %	Gas Flow		Tendency to Gell	Remarks
		Gal/Ton	Wt. %		Gal/Ton	Wt. %		Yd. %	Sc. %		
473	1039-1040	17.9	6.8	.915	2.6	1.1	89.8	2.2		Nil	
474	1040-1041	18.7	7.1	.908	3.0	1.3	89.8	1.8		Slight	
475	1041-1042	44.9	17.1	.914	2.3	0.9	78.7	3.2		Slight	
476	1042-1043	47.3	17.6	.892	2.2	0.9	78.4	3.1		Slight	
478	1043-1044	38.7	14.5	.900	1.9	0.8	81.5	3.2		Slight	
479	1044-1045	35.6	13.3	.894	2.0	0.8	83.2	2.7		Nil	
480	1045-1046	22.9	8.5	.890	3.5	1.4	89.0	1.1		Nil	
481	1046-1047	27.6	10.3	.896	1.6	0.7	86.8	2.2		Slight	
482	1047-1048	40.2	15.3	.914	2.4	1.0	80.7	2.9		Slight	
483	1048-1049	17.0	6.4	.905	2.6	1.1	90.7	1.8		Nil	
484	1049-1050	20.0	7.6	.914	5.7	2.4	88.0	2.1		High	
485	1050-1051	14.1	5.3	.910	5.5	2.3	90.5	1.8		High	
486	1051-1052	35.2	13.3	.905	3.8	1.6	82.8	2.3		High	
487	1052-1053	41.9	16.0	.915	3.6	1.5	79.7	2.7		Slight	
488	1053-1054	19.1	7.2	.905	4.4	1.8	87.5	3.4		Nil	
489	1054-1055	10.4	3.9	.905	7.1	3.0	89.8	3.3		Nil	
490	1055-1056	12.0	4.6	.917	5.9	2.5	90.2	2.8		Nil	
491	1056-1057	11.5	4.4	.922	5.9	2.5	91.1	2.0		Nil	
492	1057-1058	17.3	6.6	.914	4.3	1.8	89.8	1.8		Nil	
493	1058-1059	37.2	13.7	.881	2.5	1.0	83.0	2.3		Nil	
494	1059-1060	36.3	13.6	.897	2.4	1.0	83.2	2.3		Nil	
495	1060-1061	29.9	11.1	.889	2.8	1.2	85.7	2.0		Nil	
496	1061-1062	24.4	9.2	.901	3.8	1.6	87.4	1.9		Nil	
497	1062-1063	25.5	9.6	.898	4.6	1.9	86.4	2.1		Nil	
498	1063-1064	30.7	11.5	.898	3.2	1.3	85.4	1.8		Nil	
499	1064-1065	30.4	11.4	.899	3.1	1.3	85.0	2.3		Slight	
500	1065-1066	21.8	8.2	.903	3.4	1.4	88.6	1.8		Nil	
501	1066-1067	21.4	8.1	.905	3.9	1.6	88.7	2.1		Nil	
502	1067-1068	14.4	5.4	.903	3.9	1.6	91.5	1.4		Nil	
503	1068-1069	10.8	4.2	.924	4.3	1.8	92.5	1.5		Nil	
504	1069-1070	15.1	5.7	.909	4.1	1.7	91.1	1.5		Nil	
505	1070-1071	23.6	9.0	.912	3.9	1.6	87.5	1.9		Nil	
506	1071-1072	12.0	4.5	.910	3.6	1.5	93.0	1.0		Nil	
507	1072-1073	13.8	5.2	.908	3.6	1.5	92.1	1.1		Nil	
508	1073-1074	11.6	4.4	.911	4.1	1.7	92.9	1.0		Nil	
509	1074-1075	12.1	4.5	.902	3.6	1.5	93.0	0.9		Nil	
510	1075-1076	13.7	5.2	.905	3.4	1.4	92.7	0.7		Nil	
511	1076-1077	20.1	7.6	.909	1.9	0.8	90.5	1.1		Nil	
					4.8	2.0	92.7	0.9		Nil	

UX-3

Core No.	Interval	Grain Size	Grain Size	Grain Size	Grain Size	Grain Size	Grain Size	Grain Size	Grain Size
		Grain Size	Grain Size	Grain Size	Grain Size	Grain Size	Grain Size	Grain Size	Grain Size
513	1078-1079	10.4	4.0	.923	2.3	1.0	94.3	0.8	Nil
514	1079-1080	26.2	9.8	.902	2.4	1.0	87.7	1.5	Nil
515	1080-1081	22.8	8.7	.911	1.8	0.8	88.8	1.8	Nil
516	1081-1082	10.8	4.1	.907	2.3	0.9	94.1	0.9	Nil
517	1082-1083	9.9	3.8	.906	2.3	1.0	94.3	1.0	Nil
518	1083-1084	10.7	4.0	.905	1.9	0.8	94.3	0.9	Nil
519	1084-1085	21.5	8.1	.905	2.1	0.9	89.5	1.5	Slight
520	1085-1086	46.9	18.1	.923	2.9	1.2	78.3	2.5	Medium
521	1086-1087	18.6	7.1	.918	2.9	1.2	90.4	1.3	Nil
522	1087-1088	10.0	3.8	.914	3.3	1.4	94.1	0.7	Nil
523	1088-1089	6.7	2.6	.937	2.9	1.2	96.0	0.2	Nil
524	1089-1090	5.4	2.1	.931	3.9	1.6	95.7	0.5	Nil
525	1090-1091	7.1	2.7	.924	2.9	1.2	96.0	0.1	Nil
526	1091-1092	13.7	5.2	.915	3.4	1.4	92.1	1.2	Nil
527	1092-1093	30.0	11.5	.916	4.7	2.0	84.1	2.5	Nil
528	1093-1094	21.1	8.2	.934	7.2	3.0	87.5	1.3	Nil
529	1094-1095	31.6	12.0	.913	3.6	1.5	83.6	2.9	Nil
530	1095-1096	15.0	5.8	.927	2.2	0.9	93.1	0.2	Nil
531	1096-1097	18.9	7.1	.906	3.0	1.2	90.9	0.7	Nil
532	1097-1098	11.2	4.3	.927	2.5	1.0	93.7	0.9	Nil
533	1098-1099	9.8	3.8	.933	3.1	1.3	94.6	0.3	Nil
534	1099-1100	9.4	3.7	.941	3.5	1.5	94.2	0.6	Nil
535	1100-1101	5.5	2.1	.930	3.6	1.5	95.9	0.5	Nil
536	1101-1102	6.4	2.5	.942	3.6	1.5	95.7	0.3	Nil
537	1102-1103	7.7	3.0	.937	3.4	1.4	94.9	0.6	Nil
538	1103-1104	8.1	3.2	.934	3.5	1.5	94.7	0.7	Nil
539	1104-1105	6.0	2.3	.939	3.4	1.4	95.5	0.8	Nil
540	1105-1106	12.4	4.8	.928	2.7	1.1	92.9	1.1	Nil
541	1106-1107	6.6	2.6	.930	3.6	1.5	95.5	0.4	Nil
542	1107-1108	9.7	3.7	.922	2.6	1.1	94.7	0.4	Nil
543	1108-1109	10.5	4.0	.918	3.7	1.5	93.6	0.9	Nil
544	1109-1110	9.4	3.6	.916	4.8	2.0	93.4	1.0	Nil
545	1110-1111	7.2	2.7	.913	5.0	2.1	94.7	0.5	Nil
546	1111-1112	7.6	2.9	.908	3.7	1.5	95.6	0.1	Nil
547	1112-1113	5.2	2.0	.908	5.8	2.4	95.5	0.1	Nil
548	1113-1114	5.4	2.0	.908	7.0	2.9	95.0	0.1	Nil
549	1114-1115	11.7	4.5	.918	3.2	1.3	94.0	0.2	Nil

Sample No.	Depth Feet	GR		Cl Specific Gravity	Wt %		S S % Vol	Loss % Vol		Notes
		Gravimetric	Vol %		Gravimetric	Vol %		Gravimetric	Vol %	
550	1115-1116	15.1	5.7	.907	6.9	2.9	91.3	0.1	Nil	
551	1116-1117	9.4	3.6	.915	7.2	3.0	93.4	0.1	Nil	
552	1117-1118	13.0	4.9	.913	4.5	1.9	92.5	0.7	Nil	
553	1118-1119	11.5	4.3	.897	5.9	2.4	92.4	0.9	Nil	
554	1119-1120	7.5	2.9	.915	5.4	2.3	94.0	0.8	Nil	
555	1120-1121.2	5.7	2.2	.911	4.4	1.8	95.5	0.5	Nil	

End of EX-3