

K E R O G E N A N A L Y S I S

FOR

THE CLEVELAND CLIFFS IRON COMPANY-WELL X-6

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
64	2.255	19.5	19.5					
65	2.045	37.9	57.5					
66	1.960	46.3	103.7					
67	2.175	26.2	129.9					
68	2.250	19.9	149.9					
69	2.240	20.8	170.6					
70	2.285	17.1	187.7					
71	2.280	17.5	205.3					
72	2.240	20.8	226.0					
73	2.265	18.7	244.7					
74	2.285	17.1	261.9					
75	2.300	15.9	277.8					
76	2.265	18.7	296.5					
77	2.215	22.8	319.3					
78	2.220	22.4	341.7					
79	2.245	20.3	362.1					
80	2.250	19.9	382.0					
81	2.240	20.8	402.8					
82	2.240	20.8	423.5					
83	2.225	22.0	445.5					
84	2.205	23.7	469.2					
85	2.160	27.5	496.6					
86	2.180	25.8	522.4					
87	2.250	19.9	542.4					
88	2.260	19.1	561.5					
89	2.305	15.5	577.0					
90	2.330	13.6	590.6					
91	2.335	13.2	603.9					
92	2.350	12.1	615.9					
93	2.395	8.7	624.6					
94	2.280	17.5	642.2					
95	2.275	17.9	660.1					
96	2.255	19.5	679.6					
97	2.250	19.9	699.5					
98	2.305	15.5	715.1					
99	2.345	12.5	727.5					
100	2.330	13.6	741.1					
101	2.315	14.8	755.9					
102	2.295	16.3	772.2					
103	2.285	17.1	789.4					
104	2.260	19.1	808.5					
105	2.290	16.7	825.2					
106	2.295	16.3	841.5					
107	2.265	19.7	860.3					
108	2.250	19.9	880.2					
109	2.290	21.6	901.8					
110	2.295	20.7	922.5					
111	2.295	20.7	943.2					
112	2.295	20.7	963.9					
113	2.355	11.7	975.1					

K E R O G E N A N A L Y S I S

F O R

T H E C L E V E L A N D C L I F F S I R O N C O M P A N Y - W E L L X - 6

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
114	2.375	10.2	978.3					
115	2.370	10.6	988.9					
116	2.395	8.7	997.6					
117	2.375	10.2	1007.8					
118	2.260	19.1	1026.9					
119	2.360	11.3	1038.2					
120	2.380	9.8	1048.0					
121	2.380	9.8	1057.9					
122	2.395	8.7	1066.6					
123	2.370	10.6	1077.1					
124	2.345	12.5	1089.6					
125	2.290	16.7	1106.3					
126	2.265	18.7	1125.0					
127	2.260	19.1	1144.2					
128	2.265	18.7	1162.9					
129	2.295	16.3	1179.2					
130	2.375	10.2	1189.4					
131	2.365	10.9	1200.4					
132	2.360	11.3	1211.7					
133	2.355	11.7	1223.4					
134	2.315	14.8	1238.1					
135	2.230	21.6	1259.7					
136	2.175	26.2	1285.9					
137	2.175	26.2	1312.1					
138	2.145	28.8	1340.9					
139	2.125	30.6	1371.5					
140	2.140	29.2	1400.8					
141	2.185	25.3	1426.1					
142	2.265	18.7	1444.8					
143	2.220	22.4	1467.2					
144	2.245	20.3	1487.6					
145	2.250	19.9	1507.5					
146	2.195	24.5	1532.0					
147	2.180	25.8	1557.8					
148	2.180	25.8	1583.6					
149	2.260	19.1	1602.7					
150	2.335	13.2	1615.9					
151	2.390	9.1	1625.0					
152	2.380	9.8	1634.8					
153	2.215	22.8	1657.6					
154	2.130	30.1	1687.8					
155	2.070	35.6	1723.3					
156	2.115	31.5	1754.8					
157	2.150	28.4	1783.2					
158	2.155	27.9	1811.1					
159	2.175	26.2	1837.3					
160	2.220	22.4	1857.7					
161	2.215	21.2	1876.5					
162	2.220	22.4	1895.3					
163	2.220	22.4	1925.7					

K E R O G E N A N A L Y S I S

FOR

THE CLEVELAND CLIFFS IRON COMPANY-WELL X-6

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
164	2.250	19.9	1945.6					
165	2.300	15.9	1961.6					
166	2.280	17.5	1979.1					
167	2.345	12.5	1991.5					
168	2.385	9.5	2001.0					
169	2.440	5.4	2006.4					
170	2.450	4.7	2011.2					
171	2.410	7.6	2018.8					
172	2.385	9.5	2028.2					
173	2.375	10.2	2038.4					
174	2.315	14.8	2053.2					
175	2.195	24.5	2077.7					
176	2.125	30.6	2108.3					
177	2.190	24.9	2133.2					
178	2.255	19.5	2152.7					
179	2.270	18.3	2171.0					
180	2.220	22.4	2193.5					
181	2.210	23.2	2216.7					
182	2.185	25.3	2242.0					
183	2.090	33.7	2275.8					
184	2.035	38.9	2314.7					
185	2.040	38.4	2353.1					
186	2.170	26.6	2379.7					
187	2.325	14.0	2393.7					
188	2.370	10.6	2404.3					
189	2.390	9.1	2413.3					
190	2.420	6.9	2420.2					
191	2.425	6.5	2426.8					
192	2.385	9.5	2436.2					
193	2.380	9.8	2446.0					
194	2.375	10.2	2456.2					
195	2.375	10.2	2466.4					
196	2.400	8.3	2474.8					
197	2.405	8.0	2482.7					
198	2.415	7.3	2490.0					
199	2.420	6.9	2496.9					
200	2.420	6.9	2503.8					
201	2.420	6.9	2510.7					
202	2.440	5.4	2516.1					
203	2.435	5.8	2521.9					
204	2.410	7.6	2529.5					
205	2.385	9.5	2539.0					
206	2.420	6.9	2545.9					
207	2.410	7.6	2553.5					
208	2.385	9.5	2562.9					
209	2.375	10.2	2573.1					
210	2.370	10.6	2583.7					
211	2.360	11.2	2594.9					
212	2.350	11.7	2606.6					
213	2.400	8.3	2612.9					

K E R O G E N A N A L Y S I S

F O R

T H E C L E V E L A N D C L I F F S I R O N C O M P A N Y - W E L L X - 6

DEPTH	D E N S I T Y L O G			V E L O C I T Y L O G			D E N S I T Y A N D V E L O C I T Y	
	R H O - B	G A L / T O N	A C C U M . Y I E L D	R H O - B	G A L / T O N	A C C U M . Y I E L D	G A L / T O N	A C C U M . Y I E L D
214	2.410	7.6	2621.5					
215	2.405	8.0	2629.5					
216	2.375	10.2	2639.7					
217	2.325	14.0	2653.7					
218	2.285	17.1	2670.8					
219	2.340	12.8	2683.7					
220	2.395	8.7	2692.4					
221	2.435	5.8	2698.2					
222	2.475	3.0	2701.2					
223	2.480	2.6	2703.8					
224	2.450	4.7	2708.5					
225	2.440	5.4	2714.0					
226	2.435	5.8	2719.8					
227	2.390	9.1	2728.9					
228	2.335	13.2	2742.1					
229	2.280	17.5	2759.6					
230	2.260	19.1	2778.7					
231	2.295	16.3	2795.1					
232	2.435	5.8	2800.9					
233	2.460	4.0	2804.9					
234	2.500	1.2	2806.1					
235	2.390	9.1	2815.2					
236	2.390	9.1	2824.3					
237	2.400	8.3	2832.6					
238	2.430	6.2	2838.8					
239	2.430	6.2	2845.0					
240	2.415	7.3	2852.2					
241	2.375	10.2	2862.4					
242	2.330	13.6	2876.0					
243	2.300	15.9	2892.0					
244	2.255	19.5	2911.5					
245	2.225	22.0	2933.5					
246	2.280	17.5	2951.0					
247	2.250	19.9	2970.9					
248	2.165	27.1	2998.0					
249	2.130	30.1	3028.1					
250	2.120	31.0	3059.2					
251	2.120	31.0	3090.2					
252	2.140	29.2	3119.4					
253	2.150	28.4	3147.8					
254	2.150	28.4	3176.2					
255	2.160	27.5	3203.7					
256	2.185	25.3	3229.0					
257	2.210	23.2	3252.3					
258	2.225	22.0	3274.2					
259	2.305	15.5	3289.8					
260	2.305	15.5	3289.8					
261	2.305	15.5	3289.8					
262	2.305	15.5	3289.8					
263	2.440	5.2	3325.3					

K E R O G E N A N A L Y S I S

F O R

T H E C L E V E L A N D C L I F F S I R O N C O M P A N Y - W E L L X - 6

DEPTH	D E N S I T Y L O G			V E L O C I T Y L O G			D E N S I T Y A N D V E L O C I T Y	
	R H O - B	G A L / T O N	A C C U M . Y I E L D	R H O - B	G A L / T O N	A C C U M . Y I E L D	G A L / T O N	A C C U M . Y I E L D
264	2.395	8.7	3314.0					
265	2.395	8.7	3322.7					
266	2.345	12.5	3335.2					
267	2.330	13.6	3348.8					
268	2.350	12.1	3360.8					
269	2.225	22.0	3382.8					
270	2.135	29.7	3412.5					
271	2.140	29.2	3441.8					
272	2.160	27.5	3469.3					
273	2.165	27.1	3496.3					
274	2.355	11.7	3508.0					
275	2.330	13.6	3521.6					
276	2.265	18.7	3540.4					
277	2.095	33.3	3573.6					
278	1.925	49.9	3623.5					
279	1.860	56.8	3680.4					
280	1.830	60.2	3740.6					
281	1.805	63.1	3803.6					
282	1.800	63.6	3867.3					
283	1.775	66.6	3933.9					
284	1.920	50.4	3984.3					
285	2.005	41.8	4026.0					
286	1.875	55.2	4081.2					
287	2.130	30.1	4111.4					
288	2.150	28.4	4139.7					
289	2.080	34.7	4174.4					
290	2.125	30.6	4205.0					
291	2.190	24.9	4229.9					
292	2.050	37.5	4267.4					
293	2.005	41.8	4309.2					
294	1.920	50.4	4359.5					
295	1.790	64.8	4424.4					
296	1.950	47.3	4471.6					
297	2.040	38.4	4510.1					
298	2.260	19.1	4529.2					
299	2.280	17.5	4546.7					
300	2.295	16.3	4563.0					
301	2.230	21.6	4584.6					
302	2.130	30.1	4614.7					
303	2.140	29.2	4644.0					
304	2.200	24.1	4668.0					
305	2.270	18.3	4686.4					
306	2.325	14.0	4700.3					
307	2.310	15.2	4715.5					
308	2.240	20.8	4736.2					
309	2.135	25.3	4761.6					
310	2.125	22.6	4782.2					
311	2.115	20.0	4802.2					
312	2.105	17.5	4822.2					
313	1.695	76.5	4864.6					

K E R O G E N A N A L Y S I S

F C R

THE CLEVELAND CLIFFS IRON COMPANY-WELL X-6

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
314	1.595	89.9	5054.5					
315	1.755	69.0	5123.5					
316	1.985	43.8	5167.3					
317	2.030	39.4	5206.6					
318	2.105	32.4	5239.0					
319	1.995	42.8	5281.8					
320	2.125	30.6	5312.4					
321	2.295	16.3	5328.7					
322	2.335	13.2	5341.9					
323	2.315	14.8	5356.7					
324	2.225	22.0	5378.6					
325	2.225	22.0	5400.6					
326	2.205	23.7	5424.3					
327	2.150	28.4	5452.7					
328	2.260	19.1	5471.8					
329	2.355	11.7	5483.5					
330	2.385	9.5	5492.9					
331	2.385	9.5	5502.4					
332	2.325	14.0	5516.4					
333	2.275	17.9	5534.3					
334	2.255	19.5	5553.8					
335	2.275	17.9	5571.7					
336	2.300	15.9	5587.7					
337	2.235	21.2	5608.8					
338	2.165	27.1	5635.9					
339	2.270	18.3	5654.2					
340	2.170	26.6	5680.8					
341	2.100	32.8	5713.7					
342	2.370	10.6	5724.2					
343	2.365	10.9	5735.2					
344	2.335	13.2	5748.4					
345	2.350	12.1	5760.5					
346	2.280	17.5	5778.0					
347	2.240	20.8	5798.7					
348	2.160	27.5	5826.2					
349	2.260	19.1	5845.3					