CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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HAZEN RESEARCH, INC.

4601 INDIANA STREET
GOLDEN, COLORADO • 80401
TELEPHONE 303/279-4501

WET OR DRY DENSITY?
CUTOFF FOR EQUIL

HRI Project 4603
Copy No. 1

ANALYTICAL RESULTS OF DATE CREEK DRILL CORES

for

Urangesellschaft U.S.A., Inc.
6000 E. Evans Avenue
Building 3, Suite 200
Denver, Colorado 80222

February 6, 1979

Prepared by:

Dennis M. Johnson
Research Engineer

Approved by:

P. N. Thomas
Vice President

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
145-C	460-461	14329-1	1133	10.5	0.002								
	-462	-2	858	14.8	0.002								
	-463	-3	709	19.6	0.003								
	-464	-4	871	14.4	0.003								
	-465	-5	963	13.2	0.002								
	-466	-6	1105	13.6	0.002	0.002							
	-467	-7	1098	11.4	0.004								
	-468	-8	1080	9.5	0.003								
	-469	-9	1006	8.9	0.002								
	-470	-10	1047	8.5	0.001								
	-471	-11	1146	9.5	0.001								
	-472	-12	1115	9.3	0.002								
	-473	-13	842	15.4	0.001								
	-474	-14	795	20.8	0.002								
	-475	-15	624	17.5	0.002								
	-476	-16	952	17.7	0.002								
	-477	-17	989	15.1	0.002								
	-478	-18	1159	33.7	0.003	0.003							
	-479	-19	895	8.8	0.004								
	-480	-20	775	16.5[2]	0.003								
	-481	-21	837	15.4	0.005								
	-482	-22	1305	10.7	0.009								
	-483	-23	1077	17.6	0.007								
	-484	-24	791	20.1	0.012								
	-485	-25	905	19.9	0.008								
	-486	-26	952	4.3	0.008								
	-487	-27	1105	9.0	0.012								
	-488	-28	1081	11.8	0.014								
	-489	-29	1105	11.8[2]	0.015								
	-490	-30	1182	9.2[2]	0.020	0.020							
	-491	-31	1135	8.4[2]	0.019								
	-492	-32	908	14.2[2]	0.012								

1/ One-half core before removing assay pulps (2 pulps from Samples 1-204, 1 pulp thereafter). Each pulp weights approximately 150 g.
2/ Wrapped in foil.

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.	
145-C	492-493	14329-33	1128	17.9[2]	0.010									
	-494	-34	1032	16.9[2]	0.012									
	-495	-35	962	14.7[2]	0.029									
	-496	-36	1089	12.6[2]	0.044 CI	0.039	0.04	0.032	0.026	26.4	<0.1	15.0	2.43	17.16
	-497	-37	1066	14.8[2]	0.017									
	-498	-38	1133	12.2[2]	0.011									
	-499	-39	1155	15.5[2]	0.007									
	-500	-40	1146	15.1[2]	0.008									
	-501	-41	1182	13.9[2]	0.008		<0.01	0.009	0.010	33.3	<0.1	15.0	2.68	17.42
	-502	-42	851	15.6[2]	0.007	0.007	<0.01	0.006	0.015	27.7	<0.1	16.3	2.61	19.31
	-503	-43	1069	11.2[2]	0.040 CI		0.04	0.032	0.028	21.7	2.1	14.8	2.53	16.67
	-504	-44	1231	13.6[2]	0.140 CI	0.177[3]	0.17	0.151	0.133	13.4	<0.1	16.3	2.54	18.87
	-505	-45	948	15.7[2]	0.088 CI		0.10	0.093	0.083	9.7	<0.1	16.3	2.48	19.34
	-506	-46	967	19.8[2]	0.016		0.02	0.023	0.028	3.4	<0.1	17.4	2.64	21.70
	-507	-47	702	18.0[2]	0.013		0.02	0.021	0.023	13.3	<0.1	15.4	2.52	18.78
	-508	-48	794	15.1[2]	0.015		0.02	0.021	0.017	25.3	<0.1	15.0	2.58	17.67
	-509	-49	1144	15.1[2]	0.018		0.02	0.018	0.021	26.7	0.4	15.6	2.65	18.37
	-509'10"	-50	836	14.4[2]	0.048 CI		0.05	0.041	0.034	28.1	<0.1	16.7	2.55	19.51
	510-511	-51	703	17.3[2]	0.062 CI		0.08	0.084	0.089	6.2	1.2	15.9	2.40	19.23
	-512	-52	697	13.4[2]	0.032		0.02	0.027	0.030	2.9	<0.1	18.6	2.33	21.48
	-513	-53	1271	15.6[2]	0.023		0.02	0.024	0.025	2.1	<0.1	15.6	2.53	18.48
	-514	-54	911	17.7[2]	0.012	0.012	0.02	0.015	0.012	1.8	<0.1	15.9	2.56	19.32
	-515	-55	1022	18.3[2]	0.016		0.01	0.014	0.018	4.8	0.2	16.3	2.49	19.95
	-516	-56	1160	16.8[2]	0.013									
	-517	-57	1140	17.8[2]	0.015									
	-518	-58	998	15.1[2]	0.014									
	-519	-59	1006	15.7[2]	0.014									
	-520	-60	1141	12.8[2]	0.014									
	-521	-61	972	10.6	0.015									
	-522	-62	1080	6.5	0.013									
	-523	-63	1068	8.5	0.013									
	-524	-64	993	11.2	0.010									

CI = Composite interval.
3/ Reblended.

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric		Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.	
145-C	524-525	14329-65	1025	6.5	0.010										
	-526	-66	1142	3.8	0.013										
	-527	-67	1110	5.5	0.008										
	-528	-68	831	10.2	0.007		0.005								
	-529	-69	1120	5.5	0.009										
	-530	-70	1245	6.9	0.009										
	-531	-71	1071	4.2	0.008										
	-532	-72	1159	9.4	0.007										
	-533	-73	1174	6.5	0.009										
	-534	-74	1121	8.5	0.013			0.02	0.012	0.005	<0.1	1.1	17.0	2.26	18.58
	-535	-75	1153	7.1	0.009			0.01	0.008	0.004	0.1	0.3	15.9	2.43	17.12
	-536	-76	1063	11.3[2]	0.009			0.02	0.009	<0.002	0.2	0.2	15.8	2.46	17.81
	-537	-77	1037	15.0[2]	0.032			0.04	0.028	0.018	9.2	<0.1	15.6	2.54	18.35
	-538	-78	1032	14.0[2]	0.043	CI		0.06	0.054	0.053	21.8	<0.1	14.6	2.61	16.98
	-539	-79	879	15.4[2]	0.121	CI	0.182[3]	0.19	0.137	0.092	23.5	0.7	15.5	2.56	18.32
	-540	-80	1102	16.4[2]	0.087	CI		0.11	0.082	0.060	21.3	0.7	21.6	2.50	25.84
	-541	-81	985	17.9[2]	0.010			0.02	0.016	0.011	0.4	0.5	16.5	2.53	20.10
	-542	-82	1125	17.5[2]	0.005			0.01	0.006	<0.002	0.8	0.2	16.0	2.59	19.39
	-543	-83	1105	14.9[2]	0.004			0.01	0.006	<0.002	0.6	0.2	15.6	2.62	18.33
	-544	-84	937	9.2	0.004										
	544-544'5"	-85	430	6.6	0.004										
	547'5"-548	-86	460	11.4	0.003										
	-549	-87	1037	13.8	0.003										
	-550	-88	998	12.9	0.002										
	-551	-89	1023	11.8	0.001										
	-552	-90	1126	12.4	<0.001										
	-553	-91	1178	11.7	0.002		<0.001								
	-554	-92	1037	20.0	0.002										
	-555	-93	903	19.0[2]	0.009										
	-556	-94	867	20.6[2]	0.009			0.01	0.012	0.011	<0.1	17.5	21.3	2.04	26.83
	-557	-95	826	17.4[2]	0.029			0.03	0.017	0.011	0.1	15.1	21.4	2.14	25.91
	-558	-96	811	20.7[2]	0.056	CI		0.06	0.033	0.017	0.1	16.0	20.3	2.11	25.60

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.	
145-C	558 -559	14329 -97	1139	13.4[2]	0.012		0.02	0.011	0.004	7.8	0.2	15.4	2.47	17.78
	-560	-98	893	15.2[2]	0.008									
	-561	-99	851	12.2	0.002									
	-562	-100	886	11.9	<0.001									
	-563	-101	726	24.4	<0.001									
	-564	-102	1013	8.9	0.001									
	-565	-103	1107	10.0	0.002									
	-566	-104	600	14.1	0.004									
	-567	-105	722	17.3	0.013									
	-568	-106	703	12.0	0.005									
	-569	-107	456	13.8	0.005									
	-570	-108	848	14.7[2]	0.007		<0.01	0.003	<0.002	<0.1	5.4	19.2	2.30	22.51
	-571	-109	794	25.2[2]	0.036		0.05	0.031	0.022	0.1	22.5	21.2	1.95	28.34
	-572	-110	798	23.5[2]	0.048 CI	0.045	0.05	0.028	0.016	0.1	15.6	18.4	2.18	24.05
	-573	-111	888	18.1[2]	0.026		0.04	0.024	0.014	0.1	10.0	19.1	2.11	23.32
	-574	-112	1170	13.5[2]	0.014		0.02	0.012	<0.002	4.6	2.6	16.7	2.27	19.31
	-575	-113	1035	13.2[2]	0.011									
	-576	-114	983	13.6[2]	0.008	0.008								
	-577	-115	1054	10.9	0.005									
	-578	-116	1108	11.9	0.005									
	-579	-117	982	10.0	0.006									
	-580	-118	1052	9.6	0.006									
	-581	-119	1027	8.9	0.004									
	-582	-120	1132	13.7[2]	0.008									
	-583	-121	1140	16.4[2]	0.010									
	-584	-122	1053	8.1[2]	0.016									
	-585	-123	962	8.8[2]	0.022									
	-586	-124	1155	14.9[2]	0.033									
	-587	-125	1109	15.4[2]	0.021									
	-588	-126	1259	14.3[2]	0.013	0.013								
	-589	-127	1117	15.0[2]	0.007									
	-590	-128	1189	15.5[2]	0.044 CI		0.05	0.026	0.008	0.1	<0.1	15.3	2.66	18.11

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
145-C	590 -591	14329 -129	1112	14.5[2]	0.006								
	-592	-130	410	18.9[2]	0.008								
	-593	-131	831	12.3	0.009								
	-594	-132	914	13.7	0.009								
	-595	-133	1170	10.9	0.002								
	-596	-134	1063	10.7	0.002								
	-597	-135	1079	10.2	0.001								
	-598	-136	852	10.6	0.001								
	-599	-137	934	8.7	0.001								
	-600	-138	822	6.2	0.001	0.001							
	-601	-139	931	10.0	0.002								
	-602	-140	827	12.0	0.001								

End of 145-C

$\bar{X} = 20,16 \pm 3,11$

SAMPLES = 36

AVG = .032 % U_3O_8

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
146-C	590 -591	14329 -141	1273	8.2	0.013	0.014							
	-592	-142	1136	10.3	0.004								
	-593	-143	1165	10.7	0.003								
	-594	-144	1120	8.2	0.004								
	-595	-145	881	17.8	0.003								
	-596	-146	924	13.4	<0.001								
	-597	-147	1239	12.3	0.001								
	-598	-148	872	16.5	0.002								
	-599	-149	1148	12.5	0.002								
	-600	-150	1190	11.8	0.003								
	-601	-151	1000	15.2	0.003								
	-602	-152	688	21.5	0.006								
	-603	-153	664	27.2	0.003								
	-604	-154	987	21.0	0.002								
	-605	-155	1241	8.9	0.002								
	-606	-156	960	9.4	0.003								
	-607	-157	1187	10.2	0.003								
	-608	-158	1078	11.7	0.001								
	-609	-159	1111	12.7	0.001								
	-610	-160	1083	13.7	0.013								
	-611	-161	975	16.1	0.006								
	-612	-162	706	24.2	0.009								
	-613	-163	1205	11.5	0.017	0.018							
	-614	-164	684	13.0	0.003								
	-615	-165	914	14.1	0.004								
	-616	-166	1048	7.9	0.006								
	-617	-167	1166	12.5	0.004								
	-618	-168	742	13.6[2]	0.022	0.023							
	-619	-169	949	13.2[2]	0.014								
	-620	-170	796	21.1[2]	0.005								
	-621	-171	1322	6.9[2]	0.014								
	-622	-172	1066	12.1[2]	0.009								
	-623	-173	950	11.4[2]	0.011								
	-624	-174	995	11.8[2]	0.012								
	-625	-175	1041	12.6[2]	0.017								

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric		Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.	
146-C	625 -626	14329 -176	891	19.0[2]	0.007										
	-627	-177	1055	13.8[2]	0.017										
	-628	-178	877	18.5[2]	0.008										
	-629	-179	973	20.4[2]	0.014										
	-630	-180	1081	16.3[2]	0.010										
	-631	-181	1018	16.6[2]	0.008										
	-632	-182	1059	18.0[2]	0.009										
	-633	-183	1025	17.1[2]	0.010			0.02	0.009	0.003	29.2	<0.1	16.7	2.76	20,145
	-634	-184	1051	16.1[2]	0.009		0.009	0.02	0.011	0.005	13.6	2.99	15.3	2.80	18,236
	-635	-185	1066	15.0[2]	0.012			0.02	0.012	0.005	33.7	<0.1	15.7	-	18,471
	-636	-186	1085	14.2[2]	0.025	CI		0.03	0.023	0.016	29.2	0.2	15.3	2.62	17,832
	-637	-187	1214	15.2[2]	0.133	CI		0.16	0.126	0.100	28.0	<0.1	15.8	2.67	18,632
	-638	-188	1400	13.2[2]	0.192	CI	0.189	0.20	0.173	0.146	30.9	<0.1	14.3	2.66	16,475
	-639	-189	1085	13.6[2]	0.059	CI		0.08	0.062	0.047	23.6	0.1	14.4	2.58	16,667
	-640	-190	840	19.0[2]	0.007			0.01	0.004	<0.002	0.3	<0.1	17.9	2.46	22,099
	-641	-191	992	14.0[2]	0.006			0.01	0.007	<0.002	0.3	<0.1	15.0	2.44	17,442
	-642	-192	1288	16.7[2]	0.013		0.010	0.02	0.014	0.006	3.0	0.2	15.3	2.45	18,367
	-643	-193	1099	13.3[2]	0.012										
	-644	-194	1257	10.4[2]	0.006										
	-645	-195	1299	9.1[2]	0.004										
	-646	-196	926	21.2[2]	0.004										
	-647	-197	1061	12.0[2]	0.003										
	-648	-198	784	16.8[2]	0.003										
	-649	-199	1051	8.9[2]	0.004		0.004								
	-650	-200	942	17.6[2]	0.007										
	-651	-201	790	17.3[2]	0.009										
	-652	-202	937	10.4[2]	0.008										
	-653	-203	1238	4.7[2]	0.009										
	-654-1"	-204	948	9.4[2]	0.004		0.004								
	654-1" -655	14438 -1	916	9.4	0.002										
	-656	-2	1425	6.0	0.004										
	-657	-3	1268	6.8	0.005		0.004								
	-658	-4	1092	8.1	0.003		0.004								
	-659	-5	1307	7.1	0.010		0.011								

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
146-C	659 -660	14438-6	824	8.4	0.008	0.008							
	-661	-7	1342	6.1	0.006								
	-662	-8	1211	15.2	0.013								
	-663	-9	1060	9.6	0.005								
	-663-10"	-10	932	10.1	0.005								
	700 -701	-11	1294	10.4	<0.001								
	-702	-12	1222	9.6	<0.001								
	-703	-13	790	9.8	<0.001								
	-704	-14											
	-705	-15											
	703 -704	-14	846	10.4	<0.001								
	-705	-15	1208	11.8	<0.001								
	-706	-16	1276	12.6	<0.001								
	-707	-17	934	11.8	<0.001								
	-708	-18	1147	14.9	<0.001	<0.001							
	-709	-19	1074	16.1	0.002								
	-710	-20	828	15.5	0.002								
	-711	-21	987	17.9	0.004								
	-712	-22	861	23.1	0.019								
	-713	-23	997	15.7	0.011								
	-714	-24	1280	15.8	0.012								
	-715	-25	741	16.2	0.011								
	-716	-26	1490	7.6	0.008								
	-717	-27	1737	5.9	0.009								
	-718	-28	1037	10.8	0.013								
	-719	-29	815	9.9	0.016								
	-720	-30	1621	14.3	0.013	0.014							
	-721	-31	1429	11.4	0.006								
	-722	-32	1244	12.0	0.002								
	-723	-33	754	16.5[2]	0.003								
	-724	-34	1209	14.4[2]	0.003								
	-725	-35	1332	13.9	0.003								
	-726	-36	1153	12.3	0.003								
	-727	-37	1369	14.8	0.002								
	-728	-38	1047	15.4	0.003								

DC Hole	Footage		HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.	
146-C	728	-729	14438-39	891	18.0	0.002									
		-730	-40	1032	11.7	0.001									
		-731	-41	1182	13.3	<0.001									
		-732	-42	1168	13.8	<0.001	<0.001								
		-733	-43	1278	13.3	<0.001									
		-734	-44	1233	13.9	<0.001									
		-735	-45	606	12.2	<0.001									
		-736	-46	1076	13.0	<0.001									
		-736-9"	-47	1293	12.7	<0.001									
	890	-891	-48	1019	16.3	0.003									
		-892	-49	998	13.2	0.015									
		-893	-50	1326	-	0.006									
		-894	-51	849	18.4	0.002									
		-895	-52	1414	7.7	0.001									
		-896	-53	1358	6.3	0.002									
		-897	-54	1375	6.0	0.002	0.002								
		-898	-55	1403	5.7	0.002									
		-899	-56	1225	7.5	0.003									
		-900	-57	1411	5.1	0.002									
		-901	-58	1001	9.7	0.005									
		-902	-59	1417	9.1	0.005									
		-903	-60	1213	7.9	0.010									
		-904	-61	1019	11.6[2]	0.008									
		-905	-62	1093	13.8[2]	0.009		0.01	0.010	0.008	1.5	0.6	16.4	2.42	19.03
		-906	-63	1104	13.8[2]	0.011		<0.01	0.010	0.012	0.7	0.4	17.6	2.36	20.42
		-907	-64	1091	8.7[2]	0.027 CI		0.02	0.021	0.021	0.1	3.7	19.7	2.43	21.58
		-908	-65	1236	10.7[2]	0.083 CI		0.08	0.078	0.079	0.1	2.7	21.6	2.35	24.19
		-909	-66	1154	8.0[2]	0.055 CI	0.055	0.05	0.047	0.045	0.1	6.5	15.4	2.40	16.74
		-910	-67	1067	18.1[2]	0.072 CI		0.08	0.064	0.050	0.2	9.0	23.7	2.21	28.94
		-911	-68	711	17.6[2]	0.044 CI		0.05	0.028	0.017	0.2	2.5	17.2	2.51	20.87
		-912	-69	1307	12.4[2]	0.040 CI		0.05	0.036	0.030	0.1	0.6	14.2	2.58	16.21
		-913	-70	1274	11.5[2]	0.023		0.02	0.016	0.012	<0.1	0.4	16.5	2.41	18.64
		-914	-71	1059	12.1[2]	0.017		0.02	0.019	0.021	<0.1	0.3	18.2	2.35	20.71
		-915	-72	1128	12.0[2]	0.085 CI		0.08	0.073	0.065	<0.1	5.3	17.6	2.12	20.00

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.	
146-C	915 -916	14438-73	957	15.8[2]	0.021		0.01	0.017	0.020	<0.1	6.4	19.1	2.20	22.68
	-917	-74	935	13.5[2]	0.015		0.02	0.015	0.015	<0.1	3.2	19.3	3.02	22.31
	-918	-75	1224	14.1[2]	0.007		0.02	0.024	0.032	0.3	3.5	18.0	2.28	20.95
	-919	-76	1101	10.5[2]	0.026		<0.01	0.007	0.005	0.3	7.5	14.3	2.33	15.98
	-920	-77	952	20.6	0.013		0.01	0.015	0.018	0.1	6.1	21.1	2.29	26.57
	920 -921	-78	930	16.7[2]	0.030	0.029	0.02	0.021	0.020	<0.1	15.6	19.0	2.10	22.81
	-922	-79	962	13.8[2]	0.075 CI		0.07	0.063	0.054	0.1	11.1	17.8	2.07	20.65
	-923	-80	1153	18.3[2]	0.043 CI		0.03	0.028	0.022	0.1	1.4	19.4	2.25	23.75
	-924	-81	968	19.0[2]	0.006		<0.01	0.007	0.011	<0.1	0.1	17.9	2.39	22.10
	-925	-82	1171	14.7[2]	0.006		<0.01	0.007	0.009	<0.1	0.1	16.3	2.69	19.11
	-926	-83	1452	11.4[2]	0.007									
	-927	-84	1182	17.0[2]	0.006									
	-928	-85	1351	8.9[2]	0.004									
	-929	-86	1354	8.0[2]	0.004									
	-930	-87	1291	10.6[2]	0.003									
	-930-4"	-88	421	10.4[2]	0.002									

End of 146-C

$\bar{X} = 20.28 \pm 3.04$

SAMPLES = 31

AVG GRD = .039 ± .04

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
155-C	515 -516	14445-1	1013	15.8[2]	0.028 CI		0.03	0.027	0.027	4.8	0.7	15.9	2.54
	-517	-2	1210	16.7[2]	0.013		<0.01	0.015	0.019	11.5	<0.1	16.0	2.56
	-518	-3	1037	20.0[2]	0.007		<0.01	0.008	0.008	1.2	0.1	17.3	2.55
	-519	-4	1184	18.3[2]			<0.01	0.010	0.012				
	-520	-5	1140	18.2[2]			<0.01	0.008	0.011				
	-521	-6	1239	17.6[2]			0.01	0.009	0.006				
	-522	-7	1165	17.6[2]			<0.01	0.008	0.007				
	-523	-8	950	18.5[2]			<0.01	0.006	0.006				
	-524	-9	1015	11.8[2]			0.01	0.014	0.014				
	-525	-10	1121	18.2[2]			0.02	0.017	0.017				
	-526	-11	1022	18.0[2]	0.013		0.01	0.013	0.013	0.1	0.4	17.9	2.44
	-527	-12	1046	17.4[2]	0.014		0.01	0.011	0.011	<0.1	0.8	16.2	2.36
	-528	-13	1135	18.0[2]	0.031 CI	0.030	0.03	0.024	0.020	<0.1	1.4	17.5	2.31
	-529	-14	1113	19.4[2]	0.023		0.02	0.025	0.027	<0.1	3.0	19.8	2.18
	529 -530	-15	957	14.9[2]	0.048 CI		0.05	0.037	0.024	0.1	17.1	23.8	1.98
	-531	-16	1080	14.0[2]	0.013		0.01	0.012	0.011	<0.1	5.2	16.6	2.14
	-532	-17	1109	4.8[2]	0.011		<0.01	0.009	0.011	17.1	0.2	15.7	2.38
	-533	-18	1147	13.7[2]	0.015		0.01	0.013	0.013	9.2	0.7	17.8	2.39
	-534	-19	1048	11.2[2]	0.012		0.03	0.021	0.009	2.9	1.1	16.3	2.37
	-535	-20	1070	3.1[2]	0.008		<0.01	0.009	0.011	9.2	1.2	16.3	2.43
	-536	-21	1383	8.1[2]			<0.01	0.011	0.019				
	-537	-22	1331	6.6[2]			<0.01	0.009	0.013				
	-538	-23	1167	11.8[2]			<0.01	0.006	0.007				
	-539	-24	1512	10.6[2]			<0.01	0.009	0.012				
	-540	-25	1231	11.3[2]	0.007		<0.01	0.007	0.009	4.2	1.3	16.1	2.33
	-541	-26	988	14.1[2]	0.005		0.01	0.006	0.010	0.1	0.4	16.6	2.27
	-542	-27	1148	14.7[2]	0.021		0.02	0.016	0.017	<0.1	1.4	16.2	2.29
	-543	-28	1165	12.1[2]	0.054 CI		0.05	0.049	0.046	0.1	6.4	17.5	2.14
	-544	-29	1206	14.1[2]	0.038 CI	0.035	0.04	0.034	0.031	0.1	6.1	15.6	2.62
	-545	-30	1089	14.4[2]	0.006		0.01	0.015	0.020	0.1	0.3	16.1	2.41
	-546	-31	1168	15.3[2]	0.006		<0.01	0.008	0.012	3.5	0.1	15.1	2.45
	-547	-32	1152	17.0[2]			<0.01	0.006	0.008				
	-548	-33	1152	14.1[2]			0.01	0.016	0.017				
	-549	-34	1262	12.6[2]			<0.01	0.012	0.014				

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
155-C	549 -550	14445-35	1448	14.9[2]			0.01	0.012	0.014				
	-551	-36	1113	13.1[2]			<0.01	0.004	0.008				
	-552	-37	1217	17.3[2]			<0.01	0.008	0.010				
	-553	-38	1262	7.3[2]			<0.01	0.010	0.015				
	-554	-39	1133	14.5[2]			<0.01	0.010	0.020				
	-555	-40	1518	8.5[2]	0.015		0.01	0.015	0.017	6.7	0.3	15.6	2.38
	-556	-41	1114	10.0[2]	0.007		<0.01	0.006	0.011	0.9	0.8	16.7	2.28
	-557	-42	1158	15.1[2]	0.030 CI		0.03	0.032	0.031	10.3	0.5	17.3	2.35
	-558	-43	1356	8.4[2]	0.041		0.04	0.042	0.041	20.6	0.1	15.1	2.50
	-559	-44	1144	8.4[2]	0.014		<0.01	0.015	0.021	18.2	0.3	14.6	2.46
	-560	-45	1091	14.2[2]	0.011		<0.01	0.012	0.015	8.7	1.0	16.2	2.41
	-561	-46	1085	14.5[2]			0.01	0.013	0.014				
	561 -562	-47	1167	18.1[2]			0.01	0.011	0.010				
	-563	-48	1169	16.9[2]			<0.01	0.008	0.008				
	-564	-49	1068	17.9[2]			<0.01	0.006	0.009				
	-565	-50	1137	13.2[2]			<0.01	0.005	0.006				
	-566	-51	1277	23.0[2]			<0.01	0.009	0.008				
	-567	-52	1134	17.4[2]			0.02	0.011	0.008				
	-568	-53	943	18.0[2]			0.01	0.018	0.021				
	-569	-54	1143	17.1[2]			0.01	0.010	0.009				
	-570	-55	1154	16.4[2]			0.01	0.009	0.008				
	-571	-56	841	19.6[2]			<0.01	0.007	0.004				
	-572	-57	784	18.5[2]			<0.01	0.004	0.005				
	-573	-58	1274	15.4[2]			<0.01	0.004	0.002				
	-574	-59	948	14.1[2]	0.004		<0.01	0.005	0.005	15.3	0.8	14.9	2.56
	-575	-60	1162	12.3[2]	0.005		<0.01	0.004	0.009	23.2	0.8	16.0	2.53
	-576	-61	978	15.9[2]	0.027		0.03	0.021	0.014	9.4	7.0	17.8	2.33
	-577	-62	938	16.2[2]	0.013	0.013	0.02	0.010	0.005	9.2	8.6	16.2	1.90
	-578	-63	958	22.8[2]	0.006		<0.01	0.006	0.005	0.2	17.9	23.0	1.92
	-579	-64	795	19.4[2]	0.007		<0.01	0.007	0.007	0.1	11.5	19.1	2.10
	-580	-65	1000	19.4[2]	0.022		0.02	0.021	0.022	0.1	12.9	16.1	2.15
	-581	-66	903	17.5[2]	0.046 CI		0.05	0.039	0.030	0.7	13.5	18.0	2.40

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
155-C	581 -582	14445-67	1171	12.3[2]	0.017		0.01	0.012	0.010	9.3	4.2	15.1	2.68
	-583	-68	1213	13.8[2]	0.006		<0.01	0.005	0.007	8.2	0.1	14.1	3.02
	-584	-69	1230	15.2[2]			< 0.01	0.005	0.003				
	-585	-70	1209	16.5[2]			<0.01	0.004	0.002				
	-586	-71	1226	16.9[2]			<0.01	0.003	0.003				
	-587	-72	1040	19.0[2]			<0.01	0.003	<0.002				
	-588	-73	910	18.7[2]			<0.01	<0.002	<0.002				
	-589	-74	973	14.5			<0.01	0.002	<0.002				
	-590	-75	904	15.3			<0.01	0.005	0.004				
	-591	-76	955	16.3			<0.01	<0.002	0.003				
	-592	-77	1203	9.0			<0.01	0.003	<0.002				
	-593	-78	879	18.5			<0.01	0.006	0.004				
	593 -594	-79	949	22.0			<0.01	0.004	0.003				
	-595	-80	901	17.0			<0.01	0.007	0.005				
	-596	-81	1053	13.3			0.01	0.013	0.015				
	-597	-82	1218	10.0			0.01	0.011	0.011				
	-598	-83	1084	14.7			0.01	0.012	0.009				
	-599	-84	1111	12.4			<0.01	0.007	0.005				
	-600	-85	1298	5.6			<0.01	0.012	0.013				
	-601	-86	896	16.4			<0.01	0.002	0.002				
	-602	-87	999	16.1			<0.01	0.003	<0.002				
	-603'2"	-88	1510	9.7			<0.01	0.005	0.003				

End of 155-C

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
Tonto	540-541	14453-1	1194	14.1[2]	0.063 CI		<0.01	0.011	0.015	22.5	<0.1	16.9	2.64
8-C	-542	2	1188	18.4[2]	0.005		<0.01	0.007	0.009	1.8	0.3	16.8	2.52
	-543	3	1466	15.3[2]	0.015		0.02	0.019	0.017	19.7	<0.1	13.7	2.64
	-544	4	1039	14.2[2]	0.026		0.02	0.025	0.027	14.3	0.9	16.6	2.52
	-545	5	1098	16.1[2]	0.035		0.04	0.043	0.046	16.2	0.8	14.9	2.61
	-546	6	1031	10.2[2]	0.036	0.036	0.04	0.035	0.034	30.3	0.5	13.6	2.60
	-547	7	1437	8.4[2]	0.012		0.01	0.013	0.017	19.1	5.3	14.8	2.72
	-548	8	1067	12.4[2]	0.013		0.01	0.010	0.011	20.0	6.0	14.5	2.75
	-549	9	1322	12.4[2]	0.015		<0.01	0.014	0.020	25.9	4.0	14.9	2.76
	-550	10	1280	14.8[2]	0.020		0.02	0.022	0.027	40.1	0.2	13.9	2.74
	-551	11	1414	18.2[2]	0.036		0.04	0.041	0.040	30.9	0.9	17.6	2.66
	-552	12	1249	16.9[2]	0.047 CI		0.05	0.044	0.038	35.6	0.5	14.2	2.67
	-553	13	1701	5.0[2]	0.016		0.01	0.024	0.032	35.9	0.6	12.8	2.65
	-554	14	1152	10.6[2]	0.092 CI		0.12	0.108	0.100	28.4	<0.1	13.6	2.66
	-555	15	1011	14.2[2]	0.064 CI		0.07	0.062	0.050	8.9	<0.1	17.9	2.57
	-556	16	838	15.4	0.010		0.02	0.018	0.017	0.8	<0.1	17.0	2.52
	-557	17	669	15.4	0.010		0.01	0.012	0.011	0.2	<0.1	19.2	2.44
	-558	18	930	15.6	0.021	0.022	0.03	0.019	0.012	0.1	0.2	17.0	2.44
	-559	19	1060	13.1	0.013		0.01	0.011	0.012	<0.1	0.5	17.7	2.38
	-560	20	1175	10.7	0.025		0.03	0.025	0.019	0.3	1.7	17.9	2.33
	-561	21	888	7.5	0.007		<0.01	0.006	0.010	<0.1	1.5	18.7	2.30
	-562	22	1239	9.5			<0.01	0.005	0.005				
	-563	23	1214	7.8			0.01	0.008	0.006				
	-564	24	1084	11.1			0.01	0.011	0.012				
	-565	25	1066	10.0	0.018		0.01	0.013	0.013	12.5	0.4	17.1	2.47
	-566	26	941	13.0	0.016		0.02	0.016	0.011	14.6	0.7	18.4	2.47
	-567	27	988	9.2	0.016		0.02	0.016	0.014	16.4	0.3	18.4	2.49
	-568	28	1085	9.8	0.013		0.02	0.012	0.008	8.7	0.2	15.6	2.39
	-569	29	1277	7.0	0.010		0.01	0.013	0.014	7.6		15.8	2.32
	-570	30	983	8.0	0.009		<0.01	0.011	0.014	7.2		16.7	2.29
	-571	31	1259	5.4			<0.01	0.010	0.019				
	-572	32	1428	5.5			<0.01	0.008	0.016				
	-573	33	1060	8.9			<0.01	0.007	0.010				
	-574	34	1042	8.0			<0.01	0.006	0.011				
	-575	35	1062	6.1			<0.01	0.006	0.010				

DC Hole	Footage	HRI No.	Dry 1/ Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
Tonto 8-C	575-576	14453-36	1288	5.6	0.006		<0.01	0.007	0.012	<0.1	0.2	15.1	2.39
	-577	37	1011	6.5	0.026		0.03	0.026	0.025	2.7	0.3	14.7	2.33
	-578	38	1325	4.5	0.009	0.010	<0.01	0.013	0.018	2.4	0.2	13.8	2.33
	-579	39	1081	7.3	0.008		<0.01	0.010	0.013	0.1	0.8	15.6	2.25
	-580	40	1019	6.3	0.011		<0.01	0.009	0.013	<0.1	0.7	16.0	2.26
	-581	41	1077	10.9	0.021		0.02	0.021	0.025	<0.1	0.8	16.3	2.19
	-582	42	1068	7.7	0.027		0.03	0.022	0.018	<0.1	0.7	15.8	2.32
	-583	43	1400	8.4	0.015		0.02	0.017	0.017	3.2	1.4	15.8	2.48
	-584	44	1248	10.0	0.011		<0.01	0.014	0.020	0.4	1.0	17.1	2.63
	-585	45	998	9.0	0.006		<0.01	0.009	0.015	0.1	0.2	15.2	2.59
	-586	46	987	12.8	0.022		0.03	0.022	0.019	0.2	<0.1	15.5	2.54
	-587	47	1011	10.4	0.018		0.03	0.030	0.031	0.5	<0.1	15.0	2.55
	-588	48	962	11.6	0.052 CI		0.06	0.055	0.048	13.7	0.8	16.0	2.59
	-589	49	936	7.4	0.058 CI		0.06	0.061	0.058	24.0	1.3	15.9	2.57
	-590	50	774	12.8	0.052 CI	0.052	0.06	0.051	0.047	13.5	1.0	17.7	2.66
	-591	51	1085	15.2	0.009		0.01	0.017	0.023	0.8	0.4	16.7	2.61
	-592	52	877	11.8	0.004		<0.01	0.006	0.013	1.6	<0.1	17.7	2.69
	-593	53	814	12.9			<0.01	0.006	0.008				
	-594	54	992	10.4			<0.01	0.007	0.010				
	-595	55	1316	11.4			<0.01	0.006	0.009				
	-596	56	977	9.4			<0.01	0.003	0.012				
	-597	57	908	14.3			<0.01	0.008	0.009				
	-598'3"	58	1313	11.8			<0.01	0.006	0.009				
	600-601	59	975	16.0			<0.01	0.005	0.011				
	-602	60	944	12.5			<0.01	0.004	0.008				
	-603	61	907	13.1			<0.01	0.005	0.008				
	-604	62	1027	15.2			<0.01	0.006	0.011				
	-605	63	977	13.4	0.004		<0.01	0.006	0.006	3.5	4.6	16.9	2.45
	-606	64	724	19.5	0.035		0.03	0.023	0.015	0.1	17.8	21.2	2.00
	-607	65	679	20.3	0.015		0.01	0.015	0.017	<0.1	16.5	21.1	2.03
	-608	66	1145	10.6			<0.01	0.006	0.009				
	-609	67	920	13.6			<0.01	0.004	0.011				
	-610	68	954	9.6	0.004		<0.01	0.007	0.012	0.1	0.4	16.6	2.51
	-611	69	1061	12.0	0.006		<0.01	0.009	0.017	2.5	0.5	16.6	2.54
	-612	70	1136	9.3	0.033		0.03	0.026	0.023	5.7	3.0	16.0	2.42

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
Tonto 8-C	612-613	14453-71	989	12.6	0.047 CI		0.05	0.048	0.047	2.5	11.0	18.0	2.08
	-614	72	1162	11.0	0.037		0.04	0.036	0.028	9.2	12.4	19.8	2.04
	-615	73	1280	10.1	0.012		<0.01	0.013	0.016	11.1	3.2	16.2	2.22
	-616	74	909	8.6	0.001		<0.01	0.004	0.008	15.4	0.8	15.6	2.37
	-617	75	952	4.9			<0.01	0.005	0.008				
	-618	76	895	9.1			<0.01	0.005	0.013				
	-619	77	799	15.6			0.01	0.012	0.014				
	-620	78	1076	12.6			<0.01	0.006	0.009				
	-621	79	968	16.0			<0.01	0.003	0.010				
	-622	80	724	16.6			<0.01	0.006	0.010				
	-623	81	736	14.9	0.011		0.01	0.011	0.011	0.2	7.9	17.8	2.17
	-624	82	714	11.0	0.025		0.02	0.021	0.018	0.1	13.2	22.7	2.07
	-625	83	776	8.0	0.016		0.01	0.016	0.021	0.2	9.5	24.5	2.11
	-626	84	965	11.8			<0.01	0.010	0.010				
	-627	85	991	8.9			<0.01	0.005	0.003				
	-628	86	1010	13.9			<0.01	0.003	0.002				
	-629	87	719	28.7			<0.01	0.003	0.002				
	-630	88	1109	16.7			0.02	0.019	0.018				
	-631	89	1090	15.1			0.01	0.010	0.009				
	-632	90	1087	10.1			<0.01	0.007	0.010				
	-633	91	1367	10.3			0.01	0.011	0.009				
	-634	92	1311	12.0			<0.01	0.009	0.009				
	-635	93	1208	9.4			<0.01	0.006	0.005				
	-636	94	1586	6.4			0.03	0.026	0.018				
	-637	95	1315	8.7[2]			0.01	0.012	0.014				
	-638	96	1518	14.4[2]	0.025		0.03	0.034	0.038	1.2	0.1	14.0	2.64
	-639	97	1122	17.3[2]	0.032		0.04	0.041	0.046	0.1	<0.1	15.2	2.64
	-640	98	1231	15.4[2]	0.032		0.04	0.040	0.045	0.1	0.1	16.2	2.63
	-641	99	958	16.1[2]	0.003		0.01	0.012	0.013	0.1	0.1	17.6	2.63
	-642	100	1183	17.0[2]	0.012		0.02	0.016	0.017	0.1	0.1	15.4	2.71
	-643	101	1285	14.9[2]	0.014	0.014	0.02	0.018	0.018	<0.1	0.1	16.2	2.64
	-644	102	1489	13.5[2]	0.059		0.06	0.061	0.065	0.1	<0.1	16.2	2.63
	-645	103	1151	14.9[2]	0.088		0.09	0.084	0.075	<0.1	0.1	16.2	2.67
	-646	104	1237	15.5[2]	0.128		0.13	0.116	0.101	<0.1	0.1	16.0	2.65
	-647	105	1058	15.1[2]	0.161		0.18	0.170	0.157	<0.1	0.1	15.5	2.64

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
Tonto	647-648	14453-106	1073	16.0[2]	0.004		<0.01	0.006	0.008	<0.1	<0.1	16.6	2.65
8-C	-649	107	978	15.1[2]	0.001		<0.01	0.004	0.008	0.1	0.1	15.3	2.65
	-650	108	1179	13.5[2]			<0.01	0.003	0.007				
	-651	109	992	14.4[2]			<0.01	0.004	0.005				
	-652	110	1190	13.8[2]			<0.01	0.004	0.005				
	-653	111	1240	17.0[2]			<0.01	0.003	0.005				
	-654	112	1107	17.2[2]			<0.01	0.003	0.006				
	-655	113	840	15.2[2]			<0.01	0.003	<0.002				
	-656	114	1120	18.1[2]			<0.01	0.003	<0.002				
	-657	115	1101	15.8[2]			<0.01	0.003	<0.002				

End of Tonto 8-C

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
158-C	380-381	14509-1	1228	8.5[4]	0.029		0.04	0.026	0.017	21.7	3.3	15.0	2.60
	-382	2	996	12.4	0.014		0.04	0.021	0.013	30.0	<0.1	16.1	2.63
	-383	3	1337	10.1	0.046		0.06	0.038	0.029	26.4	1.7	14.4	2.31
	-384	4	1178	9.2	0.052 CI		0.06	0.030	0.014	22.3	<0.1	13.9	2.51
	-385	5	1263	9.7	0.016		0.03	0.017	0.010	28.9	1.9	13.6	2.60
	-386	6	1251	10.1	0.017	0.017							
	-387	7	1243	7.5	0.013								
	-388	8	1065	14.1	0.015								
	-389	9	1368	11.7	0.023		0.04	0.023	0.014	38.4	<0.1	15.6	2.48
	-390	10	869	11.0	0.028		0.04	0.019	0.006	14.0	<0.1	17.2	2.35
	-391	11	1305	13.0	0.031 CI		0.04	0.033	0.029	24.5	2.4	15.1	2.52
	-392	12	1278	7.0	0.017		0.03	0.013	0.003	25.4	0.8	15.3	2.58
	-393	13	958	16.5	0.013		0.02	0.008	<0.002	23.7	2.2	14.7	2.50
	-394	14	951	15.4	0.015								
	-395	15	908	15.4	0.019								
	-396	16	1168	13.3	0.014								
	-397	17	1125	13.2	0.021		0.03	0.016	0.008	30.4	1.2	14.8	2.65
	-398	18	995	13.1	0.022	0.021	0.04	0.020	0.008	17.7	4.4	14.1	2.58
	-399	19	1209	13.0	0.022		0.04	0.019	0.009	26.5	1.3	15.0	2.61
	-400	20	1219	10.9	0.028		0.05	0.022	0.006	28.5	0.6	18.1	2.50
	-401	21	1154	16.4	0.023		0.03	0.016	0.005	4.0		15.7	2.42
	-402	22	1027	12.3	0.029		0.04	0.025	0.015	25.7	<0.1	14.2	2.48
	-403	23	1203	12.8	0.034 CI		0.05	0.027	0.015	10.9	2.3	14.5	2.47
	-404	24	1066	14.0	0.026		0.04	0.025	0.014	11.8	1.2	15.3	2.42
	-405	25	869	15.5	0.029		0.05	0.026	0.011	19.7	<0.1	14.8	2.44

4/ No core individually wrapped with foil. Sheets of foil were laid over all cores in a box before the cover was closed.

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
158-C	405 -406	14509 -26	503	23.2	0.011								
	-407	-27	512	17.3	0.012								
	-408	-28	781	16.7	0.009								
	-409	-29	986	14.5	0.006								
	-410	-30	578	17.0	0.006	0.006							
	-411	-31	886	15.8	0.008								
	-412	-32	1034	17.3	0.008								
	-413	-33	887	15.9	0.008								
	-414	-34	910	17.1	0.008								
	-415	-35	1022	14.3	0.009								
	-416	-36	800	16.0	0.009								
	-417	-37	842	17.6	0.007								
	-418	-38	823	16.0	0.007								
	-419	-39	998	16.6	0.006								
	-420	-40	866	14.1	0.010								
	-421	-41	982	12.0	0.015								
	-422	-42	1042	11.7	0.012	0.012							
	-423	-43	1284	12.9	0.008								
	-424	-44	1094	9.7	0.008								
	-425	-45	1180	12.7	0.009								
	-426	-46	1177	12.1	0.009								
	-427	-47	729	16.7	0.008								
	-428	-48	769	19.2	0.015								
	-429	-49	1284	16.2	0.007								
	-430	-50	914	15.0	0.007								
	-431	-51	1157	15.0	0.009								
	-432	-52	903	17.2	0.009								
	-433	-53	866	16.7	0.012								
	-434	-54	1141	16.8	0.020	0.021							
	-435	-55	1226	15.5	0.010								
	-436	-56	1239	16.1	0.006								
	-437	-57	1033	16.3	0.004								
	-438	-58	979	13.9	0.007								
	-439	-59	1088	13.1	0.005								
	-440	-60	1035	12.2	0.003								

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
158-C	440 -441	14509 -61	1237	12.9	0.003								
	-442	-62	1241	15.5	0.003								
	-443	-63	1000	16.6	0.005								
	-444	-64	1022	16.7	0.013								
	-445	-65	986	19.5	0.008								
	-446	-66	793	20.4	0.012	0.012							
	-447	-67	757	19.7	0.022								
	-448	-68	1034	16.9	0.027		0.04	0.015	<0.002	0.6	9.5	14.3	2.15
	-449	-69	749	19.5	0.036 CI		0.04	0.020	0.010	14.8	10.1	16.2	2.09
	-450	-70	792	17.8	0.027		0.05	0.035	0.026	0.2	14.4	18.4	2.11
	-451	-71	1063	15.5	0.006		0.04	0.016	0.003	3.5	7.2	15.7	2.21
	-452	-72	959	17.3	0.006		0.02	0.009	<0.002	1.2	1.2	15.5	2.56
	-453	-73	814	14.8	0.002								
	-454	-74	1088	17.0	0.001								
	-455	-75	1045	14.2	0.001								
	-456	-76	1033	15.0	0.001								
	-457	-77	995	20.3	0.002								
	-458	-78	933	10.2	0.003	0.003							
	-459	-79	874	12.4	0.007								
	-460	-80	899	10.5	0.011								
	-461	-81	528	16.1	0.053 CI		0.03	0.014	0.006	0.2	1.8	17.5	2.44
	-462	-82	678	12.0	0.007		0.06	0.029	0.007	0.2	9.1	20.3	2.26
	-463	-83	737	20.6	0.011								
	-464	-84	813	21.1	0.012								
	-465	-85	969	13.3	0.017								
	-466	-86	1152	12.3	0.024								
	-467	-87	1185	12.2	0.007								
	-468	-88	958	8.5	0.005								
	-469	-89	1014	11.7	0.009								
	-470	-90	704	17.6	0.006	0.006							
	-471	-91	983	20.0	0.006								
	-472	-92	1146	10.6	0.008								
	-473	-93	1003	10.3	0.010								
	-474	-94	674	13.1	0.009								
	-475	-95	952	14.2	0.033 CI		0.05	0.021	0.004	<0.1	1.3	17.3	2.27

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
158-C	475 -476	14509-96	831	13.2	0.013		0.02	0.014	0.008	<0.1	0.3	15.8	2.37
	476 -477.5	-97	1012	18.9	0.010		0.03	0.013	<0.002	0.1	0.2	17.7	2.37
	488 -489	-98	1079	17.9	0.033 CI		0.04	0.023	0.011	0.1	0.2	14.8	2.48
	-490	-99	1367	12.6	0.011		0.03	0.016	0.006	<0.1	0.1	14.5	2.65
	-491	-100	1049	13.7	0.011		0.03	0.017	0.010	<0.1	0.7	17.0	2.64
	-492	-101	1131	18.3	0.098 CI		0.11	0.073	0.045	0.1	<0.1	16.9	2.64
	-493	-102	947	18.1	0.283 CI	0.280	0.32	0.208	0.139	<0.1	0.1	14.8	2.65
	-494	-103	1247	17.6	0.068 CI		0.08	0.046	0.026	<0.1	0.1	15.3	2.65
	-495	-104	1020	18.6	0.061 CI		0.08	0.048	0.026	0.1	0.1	15.9	2.63
	-496	-105	951	20.0	0.081 CI		0.10	0.054	0.026	0.1	0.1	15.9	2.64
	-497	-106	912	19.4	0.018		0.04	0.019	0.008	<0.1	<0.1	16.3	2.76
	-498	-107	1017	18.7	0.033		0.05	0.025	0.012	<0.1	<0.1	14.5	2.55
	-499	-108	1105	18.7	0.009		0.04	0.022	0.012	0.1	0.1	16.5	2.62
	-500	-109	1005	18.3	0.012								
	-501	-110	773	14.9	0.009								
	-502	-111	1093	16.4	0.008								
	-503	-112	1149	16.3	0.009								
	-504	-113	970	15.4	0.001	<0.001							
	-505	-114	1157	15.9	0.001								
	-506	-115	1073	15.3	0.004								
	-507	-116	908	14.3	0.004								
	-508	-117	1151	15.9	0.001								
	-509	-118	868	14.8	0.002								
	-510	-119	715	11.1	0.002								
	-511	-120	709	19.6	0.001								
	-512	-121	731	20.8	<0.001								
	-513	-122	1054	16.0	<0.001								
	-514	-123	694	17.6	<0.001								
	-515	-124	976	17.6	<0.001								
	-516	-125	767	18.5	<0.001								
	-517	-126	811	17.4	<0.001	<0.001							
	-518	-127	1058	17.3	<0.001								

End of 158-C

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
126-C	645 -646	14556-1	1071	13.0	0.001								
	-647	-2	1245	8.1	0.001								
	-648	-3	1261	11.0	0.002								
	-649	-4	1188	11.8	0.002								
	-650	-5	1375	6.1	0.001								
	-651	-6	1027	9.6	0.001	0.001							
	-652	-7	1214	10.5	0.001								
	-653	-8	976	10.6	0.002								
	-654	-9	901	17.3	0.001								
	-655	-10	1065	20.1	0.001								
	-656	-11	921	19.6	0.001								
	-657	-12	1042	17.4	0.003								
	-658	-13	1163	12.8	0.002								
	-659	-14	662	7.7	0.027								
	-660	-15	884	9.8	0.020								
	-661	-16	875	11.0	0.028								
	-662	-17	1106	11.3	0.007								
	-663	-18	912	8.4	0.005	0.005							
	-664	-19	1064	13.3	0.002								
	-665	-20	1045	13.6	0.001								
	-666	-21	856	13.2	0.001								
	-667	-22	921	12.6	0.001								
	-668	-23	1098	7.3	0.018		0.01	0.018	0.019	30.9	<0.1	14.1	2.58
	-669	-24	1263	11.1[2]	0.029 CI		0.02	0.029	0.033	23.2	<0.1	14.5	2.51
	-670	-25	1207	10.6[2]	0.091 CI		0.10	0.098	0.094	10.8	<0.1	14.0	2.54
	-671	-26	1200	12.0[2]	0.027 CI		0.02	0.031	0.033	8.8	0.1	14.3	2.54
	-672	-27	1026	13.1[2]	0.300 CI		0.35	0.239	0.176	0.3	<0.1	14.8	2.56
	-673	-28	1230	9.8[2]	0.102 CI		0.12	0.106	0.097	0.2	<0.1	14.0	2.56
	-674	-29	1023	11.4[2]	0.010		0.01	0.021	0.027	0.1	<0.1	14.4	2.58
	-675	-30	1048	14.2[2]	0.008	0.008	<0.01	0.007	0.010	0.1	<0.1	15.3	2.50
	-676	-31	944	16.9[2]	0.006		<0.01	0.007	0.009	0.1	<0.1	17.2	2.44
	-677	-32	1176	9.7[2]	0.023		0.02	0.025	0.027	18.0	<0.1	13.8	2.57
	-678	-33	1374	9.0[2]	0.102 CI		0.12	0.083	0.058	22.7	0.4	14.4	2.65
	-679	-34	1166	9.2[2]	0.028 CI		0.04	0.048	0.051	21.2	0.3	14.1	2.61
	-680	-35	1409	7.6[2]	0.032 CI		0.03	0.039	0.041	36.0	<0.1	14.2	2.69

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
126-C	680 -681	14556 -36	846	15.8[2]	0.018		0.01	0.017	0.016	1.1	0.1	14.6	2.50
	-682	-37	996	12.5[2]	0.009								
	-683	-38	906	16.1[2]	0.013								
	-684	-39	789	13.6[2]	0.038 CI		0.03	0.040	0.042	0.1	<0.1	15.9	2.48
	-685	-40	1053	11.9	0.018								
	-686	-41	1075	11.3	0.017								
	-687	-42	833	19.9	0.016	0.015							
	-688	-43	878	18.0	0.007								
	-689	-44	1079	16.6	0.004								
	-690	-45	1137	13.1	0.012		<0.01	0.013	0.016	0.1	0.3	16.3	2.47
	-691	-46	1233	10.0	0.013		0.01	0.018	0.023	<0.1	(See note)	16.4	2.59
	-692	-47	1150	11.6	0.063 CI		0.05	0.049	0.045	<0.1	<0.1	17.3	2.61
	-693	-48	1028	13.6	0.029		0.01	0.026	0.032	0.1	<0.1	15.7	2.63
	-694	-49	868	16.9	0.006		<0.01	0.009	0.015	0.4	(See note)	16.5	2.59
	-695	-50	936	12.4	0.019			(See note)		1.6	(See note)	15.1	2.70
	-696	-51	720	12.2	0.053 CI			(See note)		0.1	0.1	18.0	2.62
	-697	-52	909	11.6	0.038 CI		0.04	0.035	0.031	<0.1	0.1	16.4	2.36
	-698	-53	846	11.5	0.014		0.01	0.016	0.016	<0.1	0.1	16.4	2.34
	-699	-54	1092	11.5	0.009	0.009		(See note)		<0.1	(See note)	14.7	2.52
	-700	-55	1041	10.8	0.008								
	-701	-56	1167	11.9	0.015								
	-702	-57	1149	13.9	0.005								
	-703	-58	1093	12.4	0.017								
	-704	-59	1173	14.8	0.021		0.01	0.021	0.023	1.4	(See note)	16.6	2.57
	-705	-60	1158	13.6	0.020		0.01	0.021	0.022	0.9	0.2	16.3	2.73
	-706	-61	938	12.2	0.009		<0.01	0.015	0.020	0.6	(See note)	15.3	2.68
	-707	-62	1093	13.1	0.082 CI		0.09	0.056	0.035	3.1	1.3	16.1	2.64
	-708	-63	1126	14.5	0.048 CI		0.04	0.040	0.036	2.8	0.7	15.6	2.65
	-709	-64	1024	16.9	0.034		0.04	0.030	0.020	0.5	9.4	17.5	2.75
	-710	-65	855	19.9	0.019		0.01	0.017	0.016	0.1	(See note)	16.7	2.16
	-711	-66	1097	13.8	0.007	0.007							
	-712	-67	1219	15.2	0.001								
	-713	-68	949	17.1	<0.001								
	-713'7"	-69	398	16.5	<0.001								

End of 126-C

Note: Insufficient sample.

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
165-C	530 -531	14585-1	1143	10.3	0.001								
	-532	-2	1065	10.5	0.002								
	-533	-3	1125	14.3	0.004								
	-534	-4	1230	15.0	0.004								
	-535	-5	1098	19.9	0.004								
	-536	-6	863	23.2	0.004	0.004							
	-537	-7	1458	12.9	0.001								
	-538	-8	1107	14.2	0.001								
	-539	-9	1009	14.4	0.001								
	-540	-10	1146	12.1	0.001								
	-541	-11	915	11.5	0.011								
	-542	-12	1060	15.0	0.003								
	-543	-13	604	16.2	0.006								
	-544	-14	897	16.8	0.005								
	-545	-15	843	16.7	0.004								
	-546	-16	1018	16.4	0.005								
	-547	-17	981	11.5	0.004								
	-548	-18	1068	13.1	0.007	0.007							
	-549	-19	1132	11.0	0.008								
	-550	-20	1130	11.4	0.006								
	-551	-21	1305	6.0	0.005								
	-552	-22	1417	7.2	0.013								
	-553	-23	1193	10.7	0.010								
	-554	-24	1130	12.9	0.033								
	-555	-25	1204	10.4	0.004								
	-556	-26	1044	13.4	0.004								
	-557	-27	1083	13.5	0.002								
	-558	-28	813	14.5	0.002								
	-559	-29	1127	16.6	0.002								
	-560	-30	825	22.1	0.002	0.002							
	-561	-31	832	23.6	0.002								
	-562	-32	748	17.3	0.007								
	-563	-33	1073	12.2	0.002								
	-564	-34	1176	9.7	0.002								
	-565	-35	1157	11.6	0.002								

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
165-C	565 -566	14585 -36	1155	11.2	0.002								
	-567	-37	1264	11.3	0.002								
	-568	-38	1245	9.0	0.002								
	-569	-39	1192	11.6	0.002								
	-570	-40	1233	7.6	0.001								
	-571	-41	1312	11.5	0.002								
	-572	-42	1295	13.1[2]	0.002	0.002							
	-573	-43	1097	14.4[2]	0.003								
	-574	-44	1173	18.7[2]	0.003								
	-575	-45	1226	13.7[2]	0.003								
	-576	-46	1019	14.6[2]	0.002								
	-577	-47	1204	15.4[2]	0.036 CI		0.01	0.007	0.003	0.1	<0.1	15.5	2.53
	-578	-48	987	19.6[2]	0.211 CI		0.05	0.039	0.028	<0.1	0.2	16.9	2.48
	-579	-49	1062	16.0[2]	0.048 CI		0.17	0.224	0.174	0.1	2.2	17.6	2.32
	-580	-50	964	13.9[2]	0.027 CI		0.07	0.059	0.049	<0.1	0.8	17.4	2.35
	-581	-51	1114	10.0[2]	0.019		0.05	0.068	0.084	<0.1	0.3	16.8	2.35
	-582	-52	975	14.3[2]	0.006		0.03	0.027	0.021	<0.1	0.2	15.8	2.25
	-583	-53	1118	14.7[2]	0.006		0.01	0.015	0.017	0.1	0.2	16.9	2.29
	-584	-54	1094	14.5[2]	0.005	0.005							
	-585	-55	1113	11.3[2]	0.007								
	-586	-56	1289	13.8[2]	0.005								
	-587	-57	965	14.1	0.008								
	-588	-58	1267	11.9	0.010								
	-589	-59	1136	15.2	0.028								
	-590	-60	1270	11.4	0.013								
	-591	-61	1464	9.3	0.013								
	-592	-62	1095	11.7	0.017								
	-593	-63	1361	10.6	0.022								
	-594	-64	1060	14.0	0.032								
	-595	-65	1123	18.2	0.020								
	-596	-66	1008	15.7	0.013	0.013							
	-597	-67	1171	11.5	0.018								
	-598	-68	1189	11.1	0.012								
	-599	-69	1172	10.8	0.015								
	-600	-70	1145	15.1	0.008								

DC Hole	Footage	HRI No.	Dry[1/] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
165-C	600 -601	14585 -71	918	12.9	0.008								
	-602	-72	1017	15.2	0.005								
	-603	-73	1034	14.2	0.007								
	-604	-74	1059	14.7	0.020								
	-605	-75	963	16.5	0.010								
	-606	-76	1017	16.2	0.011								
	-607	-77	1246	8.7	0.020								
	-608	-78	1063	10.3	0.003	0.003							
	-609	-79	1107	8.5	0.005								
	-610	-80	981	17.3	0.007								
	-611	-81	1107	12.1	0.006								
	-612	-82	1447	11.6	0.004								
	-613	-83	1014	7.3	0.007								
	-614	-84	1243	7.6	0.009								
	-615	-85	1096	6.2	0.009								
	-616	-86	1254	8.9	0.007								
	-617	-87	1115	9.1	0.009								
	-618	-88	996	11.2	0.010								
	-619	-89	904	16.0	0.012								
	-620	-90	909	15.6	0.011	0.011							
	-621	-91	1189	13.1	0.033 CI								
	-622	-92	916	13.3	0.026		0.05	0.040	0.034	0.7	0.3	14.9	2.61
	-623	-93	953	13.5	0.007								
	-624	-94	1036	12.5	0.009								
	-625	-95	996	14.2	0.007								
	-626	-96	1467	4.9	0.010		0.02	0.014	0.011	0.9	0.2	16.1	2.60
	-627	-97	1246	10.6	0.057 CI		0.02	0.021	0.025	10.0	1.3	15.0	2.65
	-628	-98	1144	15.3	0.026 CI		0.08	0.059	0.033	14.6	0.3	14.1	2.61
	-629	-99	1119	21.8	0.012		0.04	0.032	0.023	0.4	0.5	15.5	2.58
	-630	-100	1061	16.8	0.007		0.02	0.017	0.014	1.4	<0.1	14.9	2.55
	-631'4"	-101	1278	12.4	0.006	0.006							

End of 165-C

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric		Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
161-C	510 -511	14579 -1	899	20.0	0.003									
	-512	-2	777	25.8	0.004									
	-513	-3	786	25.8	0.003									
	-514	-4	1184	10.7	0.002									
	-515	-5	1107	11.5	0.001									
	-516	-6	1062	11.8	0.003		0.002							
	-517	-7	1344	12.1	0.001									
	-518	-8	1127	13.8[2]	0.002									
	-519	-9	1013	16.3[2]	0.002									
	-520	-10	883	15.6[2]	0.003									
	-521	-11	870	13.7[2]	0.003									
	-522	-12	1162	14.0[2]	0.002									
	-523	-13	992	16.4[2]	0.032			0.05	0.043	0.037	1.2	0.3	18.0	2.60
	-524	-14	1038	15.6[2]	0.014									
	-525	-15	1067	15.7	0.023									
	-526	-16	794	15.3[2]	0.014									
	-527	-17	952	19.3[2]	0.018									
	-528	-18	394	23.8[2]	0.004		0.004	0.02	0.027	0.034	0.2	<0.1	18.7	2.31
	-529	-19	1053	17.4[2]	0.012			0.03	0.030	0.026	<0.1	0.5	16.3	2.37
	-530	-20	1056	13.3[2]	0.041	CI		0.08	0.071	0.061	0.1	0.4	16.4	2.28
	-531	-21	990	18.3[2]	0.012			0.02	0.022	0.026	<0.1	0.4	18.0	2.42
	-532	-22	763	16.1[2]	0.010			0.02	0.013	0.011	<0.1	0.3	18.8	2.29
	-533	-23	943	8.8[2]	0.012			0.02	0.017	0.012	<0.1	0.4	14.8	2.28
	-534	-24	1032	17.3[2]	0.010			0.02	0.024	0.025	0.1	0.3	18.5	2.35
	-535	-25	1107	13.7[2]	0.041	CI		0.06	0.049	0.038	0.5	0.2	17.0	2.43
	-536	-26	1151	12.1[2]	0.037			0.05	0.042	0.037	4.7	0.3	15.3	2.44
	-537	-27	849	21.2[2]	0.017			0.03	0.029	0.028	1.9	0.2	16.8	2.41
	-538	-28	1200	12.8[2]	0.027			0.05	0.040	0.032	0.2	0.8	16.0	2.40
	-539	-29	909	16.5[2]	0.121	CI		0.13	0.065	0.028	<0.1	0.4	18.6	2.41
	-540	-30	1021	18.5[2]	0.016		0.016	0.03	0.030	0.030	0.1	0.3	17.0	2.49
	-541	-31	1135	17.2[2]	0.037			0.05	0.050	0.045	5.3	0.5	15.7	2.62
	-542	-32	1097	15.3[2]	0.031			0.05	0.039	0.032	17.6	0.7	16.4	2.56
	-543	-33	1151	14.9[2]	0.032			0.05	0.042	0.037	21.4	1.3	15.7	2.42
	-544	-34	1198	14.2[2]	0.025									
	-545	-35	1091	16.4[2]	0.023									

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
161-C	545 -546	14579 -36	1170	13.8[2]	0.019								
	-547	-37	1282	14.0[2]	0.018								
	-548	-38	1109	16.5[2]	0.020								
	-549	-39	1070	14.0[2]	0.025								
	-550	-40	1236	15.7[2]	0.021								
	-551	-41	1051	14.0[2]	0.016								
	-552	-42	1011	17.5[2]	0.014	0.014							
	-553	-43	1028	18.0[2]	0.015								
	-554	-44	1382	13.6[2]	0.011								
	-555	-45	1235	13.3[2]	0.006								
	-556	-46	1216	14.3	0.008								
	-557	-47	1225	12.6	0.006								
	-558	-48	1228	13.5	0.007								
	-559	-49	1083	14.8	0.007								
	-560	-50	1157	15.2	0.005								
	-561	-51	1220	16.2	0.009								
	-562	-52	1154	21.3	0.009								
	-563	-53	1047	17.5	0.008								
	-564	-54	964	17.2	0.007	0.007							
	-565	-55	957	20.3	0.007								
	-566	-56	919	20.0	0.009								
	-567	-57	1082	13.7	0.011								
	-568	-58	1061	14.8	0.006								
	-569	-59	1499	10.5	0.006								
	-570	-60	1197	9.9[2]	0.004								
	-571	-61	1159	13.9[2]	0.005								
	-572	-62	880	12.8[2]	0.005		0.02	0.010	0.005	0.3	0.7	16.4	2.46
	-573	-63	1160	12.4[2]	0.009		0.02	0.023	0.027	0.2	0.8	17.5	2.48
	-574	-64	1264	7.9[2]	0.044 CI		0.06	0.055	0.051	14.4	0.9	14.5	2.58
	-575	-65	1636	4.9[2]	0.041 CI		0.05	0.051	0.050	13.0	0.1	13.9	2.45
	-576	-66	1141	14.1[2]	0.009	0.009	0.02	0.016	0.017	0.2	1.0	16.4	2.44
	-577	-67	994	16.5[2]	0.010		0.02	0.017	0.018	0.1	0.7	16.4	2.41
	-578	-68	897	17.5[2]	0.016								
	-579	-69	869	19.1[2]	0.015								
	-580	-70	1077	16.3[2]	0.010								

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric		Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
161-C	580 -581	14579 -71	917	14.7[2]	0.006									
	-582	-72	838	15.5	0.005									
	-583	-73	1110	16.0	0.009									
	-584	-74	1086	12.2	0.009									
	-585	-75	1022	12.0	0.012									
	-586	-76	1095	11.0	0.010									
	-587	-77	1192	12.9	0.010									
	-588	-78	947	10.3	0.007		0.007							
	-589	-79	1021	10.7	0.006									
	-590	-80	873	16.3	0.012									
	-591	-81	1144	16.1	0.010									
	-592	-82	1226	6.5	0.003									
	-593	-83	961	13.6	0.003									
	-594	-84	1128	14.0	0.002									
	-595	-85	975	11.8	0.001									
	-596	-86	898	13.9	0.004									
	-597	-87	912	16.7[2]	0.004			0.01	0.007	0.007	0.7	0.7	16.4	2.67
	-598	-88	1063	16.1[2]	0.007			0.01	0.012	0.009	0.1	1.0	14.7	2.56
	-599	-89	697	25.4[2]	0.046	CI		0.05	0.036	0.021	<0.1	18.4	21.9	2.06
	-600	-90	608	24.7[2]	0.044	CI	0.046	0.07	0.056	0.042	0.1	17.4	16.5	2.12
	-601	-91	911	21.4[2]	0.035			0.05	0.033	0.017	0.2	13.1	16.0	2.33
	-602	-92	924	20.3[2]	0.008			0.02	0.017	0.012	0.1	7.7	15.2	2.34
	-603	-93	857	19.2[2]	0.018			0.03	0.025	0.022	8.6	7.1	20.3	2.10
	-604	-94	603	23.6[2]	0.124	CI		0.16	0.123	0.088	0.3	16.5	22.4	1.90
	-605	-95	1030	18.1[2]	0.038	CI		0.04	0.044	0.049	0.3	6.4	17.0	2.40
	-606	-96	1057	14.7[2]	0.014			0.02	0.023	0.023	0.7	0.4	17.6	2.62
	-607	-97	921	19.1[2]	0.036	CI		0.03	0.028	0.027	21.4	<0.1	15.0	2.58
	-608	-98	845	15.5[2]	0.035	CI		0.04	0.038	0.032	16.8	3.2	16.4	2.60
	-609	-99	752	14.8[2]	0.016			0.03	0.019	0.007	22.2	<0.1	17.1	2.54
	-610	-100	906	10.2	0.003									
	-611	-101	1093	10.9	0.002									
	-612	-102	951	10.4	0.002		0.002							
	-613	-103	1091	10.4	0.001									
	-614	-104	1086	10.3	0.001									
	-615	-105	1036	11.8	0.001									

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
161-C	615 -616	14579 -106	930	20.7	0.001								
	-617	-107	835	18.2	0.002								
	-618	-108	806	21.2	0.002								
	-619	-109	685	20.2	0.012								
	-620	-110	1042	12.2	0.011								
	-621	-111	1101	11.4	0.012								
	-622	-112	892	16.1	0.006								
	-623	-113	859	13.2	0.003								
	-624	-114	865	12.6	0.013	0.014							
	-625	-115	942	14.2	0.011								
	-626	-116	857	16.9	0.007								
	-627	-117	826	14.0	0.004								
	-628	-118	1308	11.2	0.006								
	-629	-119	1115	10.0	0.004								
	-630	-120	1094	16.5	0.006								
	-631	-121	850	14.0[2]	0.020								
	-632	-122	948	20.5[2]	0.017								
	-633	-123	1005	13.8[2]	0.015								
	-634	-124	1111	11.8[2]	0.012								
	-635	-125	1128	15.1[2]	0.021		0.02	0.019	0.017	0.1	<0.1	17.1	2.75
	-636	-126	852	16.1[2]	0.014	0.014	0.02	0.017	0.016	0.1	0.1	15.9	2.66
	-637	-127	924	18.0[2]	0.045 CI		0.03	0.035	0.036	0.1	0.1	17.5	2.66
	-638	-128	1027	16.6[2]	0.015		0.02	0.024	0.027	<0.1	0.1	16.1	2.63
	-639	-129	915	16.4[2]	0.122 CI		0.11	0.062	0.034	<0.1	0.1	15.7	2.67
	-640	-130	1002	15.7[2]	0.014		0.01	0.015	0.021	0.1	0.1	16.4	2.67
	-641	-131	959	15.7[2]	0.009		0.01	0.015	0.017	<0.1	<0.1	16.8	2.65
	-642	-132	1351	15.3[2]	0.160 CI		0.17	0.096	0.057	0.2	0.1	15.6	2.65
	-643	-133	1009	17.3[2]	0.012		0.02	0.025	0.033	0.1	0.1	16.2	2.63
	-644	-134	870	17.4[2]	0.011		0.02	0.019	0.024	0.1	<0.1	16.1	2.66
	-645	-135	950	17.7[2]	0.013		0.02	0.020	0.022	0.1	0.1	16.3	2.64
	-646	-136	947	17.8[2]	0.034		0.04	0.030	0.029	<0.1	0.1	16.4	2.63
	-647	-137	969	17.5[2]	0.046 CI		0.06	0.045	0.042	<0.1	0.1	17.1	2.64
	-648	-138	1007	17.7[2]	0.036	0.035	0.04	0.028	0.025	0.1	0.1	16.7	2.62
	-649	-139	1019	19.1[2]	0.005		0.01	0.011	0.011	<0.1	<0.1	17.2	2.64
	-650	-140	872	19.2[2]	0.004		<0.01	0.008	0.010	<0.1	<0.1	17.3	2.61

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
161-C	650 -651	14579 -141	986	18.5[2]	0.003								
	-652	-142	985	16.1[2]	0.003								
	-653	-143	734	12.4[2]	0.001								
	-654	-144	787	15.1[2]	<0.001								
	-655	-145	1074	14.8	<0.001								
	-656	-146	1116	16.6	<0.001								
	-657	-147	997	16.0	0.001								
	-658	-148	648	13.7	<0.001								
	-659	-149	1135	13.9	<0.001								
	-660	-150	970	14.6	<0.001	<0.001							
	-661	-151	912	14.6	<0.001								
	-662	-152	803	13.9	<0.001								
	-663	-153	1107	12.4	0.001								

End of 161-C

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric		U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
169-C	605 -606	14643 -1	1001	16.4	0.004		0.005							
	-607	-2	1057	13.5	0.005									
	-608	-3	1051	13.1	0.006									
	-609	-4	1055	13.1	0.007									
	-610	-5	1209	7.9	0.016									
	-611	-6	991	13.7	0.016									
	-612	-7	963	15.4	0.016									
	-613	-8	965	15.3	0.016									
	-614	-9	1130	15.8	0.015			0.02	0.018	0.015	15.8	<0.1	17.6	2.35
	-615	-10	932	14.1	0.010		0.011	<0.01	0.010	0.012	20.7	0.4	17.6	2.61
	-616	-11	1133	16.8	0.052	CI		0.06	0.038	0.023	20.3	1.0	16.0	2.59
	-617	-12	995	15.5	0.015			0.02	0.018	0.015	26.0	<0.1	16.7	2.17
	-618	-13	1217	14.6	0.014			0.02	0.016	0.014	26.6	<0.1	15.6	2.56
	-619	-14	1265	12.4	0.010									
	-620	-15	974	15.8	0.008									
	-621	-16	1045	12.4	0.010									
	-622	-17	857	14.9	0.021									
	-623	-18	944	10.4	0.010									
	-624	-19	616	15.3	0.014									
	-625	-20	705	15.0	0.010		0.012							
	-626	-21	647	12.9	0.012									
	-627	-22	1042	10.2	0.012									
	-628	-23	979	0.4	0.012									
	-629	-24	792	11.8	0.011			0.02	0.014	0.011	3.7	<0.1	15.6	2.69
	-630	-25	712	12.7	0.030			0.04	0.037	0.032	16.9	<0.1	15.9	2.14
	-631	-26	1003	17.6	0.045	CI		0.08	0.043	0.025	16.0	3.0	18.3	2.66
	-632	-27	880	20.0	0.030			0.04	0.029	0.022	10.9	0.8	17.7	2.57
	-633	-28	1165	13.2	0.014			0.02	0.016	0.014	40.5	<0.1	14.9	2.50
	-634	-29	1138	13.9	0.026			0.03	0.022	0.015	37.0	0.7	18.0	2.69
	-635	-30	1333	12.3	0.014		0.015	0.02	0.015	0.013	49.7	<0.1	16.5	2.66
	-636	-31	1220	11.4	0.030			0.03	0.025	0.020	40.8	<0.1	15.9	2.67
	-637	-32	1258	11.4	0.022			0.02	0.020	0.017	43.3	<0.1	15.9	2.75
	-638	-33	980	10.0	0.028			0.03	0.022	0.019	23.9	4.2	15.3	2.64
	-639	-34	1080	10.6	0.030			0.02	0.022	0.023	46.4	<0.1	16.7	2.63
	-640	-35	975	13.4	0.035	CI		0.03	0.027	0.025	34.3	1.0	14.9	2.70

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
169-C	640 -641	14643 -36	827	10.9	0.039 CI		0.03	0.030	0.027	38.8	<0.1	15.3	2.56
	-642	-37	1276	10.1	0.035 CI		0.03	0.028	0.027	35.9	<0.1	15.6	2.56
	-643	-38	1160	13.9	0.028		0.02	0.041	0.050	25.3	<0.1	16.6	2.55
	-644	-39	1134	10.8	0.019		0.02	0.016	0.013	33.9	1.2	15.3	2.99
	-645	-40	1260	10.7	0.009	0.009							
	-646	-41	1203	8.5	0.009								
	-647	-42	1270	9.0	0.009								
	-648	-43	997	16.5	0.017								
	-649	-44	1045	8.4	0.020								
	-650	-45	1098	13.9	0.018								
	-651	-46	809	16.0	0.008								
	-652	-47	1166	13.3	0.017								
	-653	-48	1130	12.1	0.010								
	-654	-49	1081	14.9	0.005								
	-655	-50	916	15.3	0.006	0.006							
	-656	-51	917	14.0	0.006								
	-657	-52	1882	2.5	0.003								
	-658	-53	1042	14.1	0.004								
	-659	-54	1128	11.7	0.004								
	-660	-55	959	15.9	0.004								
	-661	-56	1263	15.7	0.006								
	-662	-57	996	15.8	0.006								
	-663	-58	934	16.0	0.004								
	-664	-59	853	14.6	0.003								
	-665	-60	1119	15.7	0.004	0.007							
	-666	-61	1038	15.6	0.007								
	-667	-62	1005	16.0	0.007								
	-668	-63	788	17.1	0.004								
	-669	-64	817	26.6	0.003								
	-670	-65	794	16.5	0.002								
	-671	-66	1047	15.7	0.002								
	-672	-67	1245	11.8	0.001								
	-673	-68	1608	13.7	0.013								
	-674	-69	1097	13.7	0.007								
	-675	-70	1269	13.9	0.002	<0.001							

DC Hole	Footage	HRI No.	Dry[1/] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
169-C	675 -676	14643 -71	1083	19.6	0.002								
	-677	-72	995	18.9	0.002								
	-678	-73	1019	17.5	0.002								
	-679	-74	1074	12.2	0.001								
	-680	-75	888	16.8	0.002								
	-681	-76	890	17.4	0.001								
	-682	-77	1057	13.0	0.002								
	-683	-78	844	19.4	0.013								
	-684	-79	841	18.1	0.008								
	-685	-80	863	17.0	0.007	0.010							
	-686	-81	991	15.3	0.006								
	-687	-82	1339	9.8	0.004								
	-688	-83	1357	3.9	0.001								
	-689	-84	1111	5.3	0.001								
	-690	-85	1193	10.5	0.002								
	-691	-86	907	14.4	0.002								
	-692	-87	1020	14.3	0.002								
	-693	-88	1141	13.3	0.001								
	-694	-89	1295	12.6	0.001								
	-695	-90	1110	14.0	0.001	< 0.001							
	-696	-91	1000	11.8	0.001								
	-697	-92	1204	12.7	0.001								
	-698	-93	804	12.3	0.001								
	-699	-94	1032	13.2	0.001								
	-700	-95	1222	12.8	0.001								
	-701	-96	1006	10.8	0.001								
	-702	-97	746	15.7	0.003								
	-703	-98	1029	18.7	0.007								
	-704	-99	812	16.7	0.021								
	-705	-100	823	36.1	0.004	0.005							
	-706	-101	1137	11.9	0.004								
	-707	-102	1110	15.3	0.004								
	-708	-103	1026	19.3	0.004								
	-709	-104	1089	10.3	0.008								
	-710	-105	1028	8.7	0.006								

DC Hole	Footage	HRI No.	Dry[1]/ Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
169-C	710 -711	14643 -106	976	11.2	0.005								
	-712	-107	997	10.2	0.008								
	-713	-108	920	11.7	0.009								
	-714	-109	1099	3.5	0.006								
	-715	-110	1378	6.0	0.007	0.008							
	-716	-111	1018	14.3	0.008								
	-717	-112	1114	13.3	0.005								
	-718	-113	1160	13.3	0.010								
	-719	-114	1094	12.7	0.022								
	-720	-115	1186	3.6	0.025		0.03	0.020	0.013	40.0	<0.1	17.9	2.75
							0.02	0.020	0.020	19.1	0.2	15.5	2.55
	-721	-116	942	10.8	0.017								
	-722	-117	1373	8.0	0.045 CI		0.02	0.017	0.016	17.6	<0.1	17.0	2.53
	-723	-118	492	10.4	0.035 CI		0.06	0.035	0.024	0.3	<0.1	16.9	2.44
	-724	-119	692	13.9	0.006		0.04	0.026	0.020	0.1	<0.1	15.0	2.54
	-725	-120	689	13.3	0.003	0.002	0.01	0.009	0.006	<0.1	0.1	17.0	2.56
	-726	-121	540	13.9	0.002								
	-727	-122	602	13.5	0.001								
	-728	-123	650	13.6	<0.001								
	-729	-124	624	13.4	0.001								
	-730	-125	596	13.9	0.001								
	-731	-126	948	13.6	0.001								
	-732	-127	901	3.2	0.001								
	-733	-128	577	13.7	0.001								
	-734	-129	857	14.1	0.001								
	-735	-130	629	14.6	0.001	<0.001							
	-736	-131	672	13.3	0.001								
	-737	-132	850	13.5	0.001								
	-738	-133	642	14.0	0.001								
	744 -745	-134	957	12.3	0.001								

End of 169-C

Note: No foil samples.

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
171-C	660 -661	14661-1	825	18.3	0.002								
	-662	-2	1084	10.3	0.002								
	-663	-3	1339	7.6	0.003								
	-664	-4	1540	9.1	0.001								
	-665	-5	1371	8.6	0.001								
	-666	-6	1326	7.4	<0.001	<0.001							
	-667	-7	1297	8.0	0.001								
	-668	-8	1222	9.3	0.002								
	-669	-9	981	13.9	0.003								
	-670	-10	1283	15.8	0.003								
	-671	-11	1390	9.4	0.002								
	-672	-12	1274	8.1	0.003								
	-673	-13	819	16.2	0.001								
	-674	-14	1217	7.6	0.007								
	-675	-15	906	9.8	0.004								
	-676	-16	972	21.0[2]	0.001								
	-677	-17	893	12.7[2]	0.016								
	-678	-18	788	16.6[2]	0.021	0.021							
	-679	-19	1055	14.8[2]	0.011								
	-680	-20	1246	12.5[2]	0.005								
	-681	-21	1157	14.9[2]	0.012								
	-682	-22	1343	11.5[2]	0.007								
	-683	-23	1170	12.8[2]	0.003								
	-684	-24	1097	15.7[2]	0.001								
	-685	-25	1243	13.1[2]	0.001								
	-686	-26	1250	11.5[2]	0.004		<0.01	0.007	0.009	1.6	0.2	14.3	2.58
	-687	-27	1147	15.2[2]	0.001		<0.01	0.005	0.005	0.3	0.4	16.4	2.54
	-688	-28	1040	14.0[2]	0.040 CI		0.05	0.031	0.021	25.9	<0.1	16.9	2.61
	-689	-29	1342	12.1[2]	0.034 CI		0.04	0.034	0.032	28.3	0.8	14.5	2.67
	-690	-30	1248	11.8[2]	0.035 CI	0.036	0.05	0.043	0.041	25.0	1.1	14.6	2.68
	-691	-31	1382	12.0[2]	0.016		0.03	0.024	0.021	0.7	0.3	14.7	2.52
	-692	-32	867	14.4[2]	0.017		0.03	0.024	0.019	16.5	<0.1	16.8	2.51
	-693	-33	1303	11.9[2]	0.214 CI		0.24	0.181	0.148	11.2	0.1	15.9	2.52
	-694	-34	1358	10.0[2]	0.172 CI		0.17	0.118	0.088	19.8	0.2	14.2	2.60
	-695	-35	1574	14.0[2]	0.030 CI		0.04	0.039	0.038	20.9	0.7	14.8	2.54

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
171-C	695 -696	14661-36	1304	11.3[2]	0.101 CI		0.12	0.080	0.056	12.0	0.4	13.9	2.57
	-697	-37	1176	11.0[2]	0.017		0.01	0.018	0.020	8.1	0.1	14.8	2.58
	-698	-38	1231	10.2[2]	0.009		<0.01	0.011	0.013	9.3	0.3	14.7	2.58
	-699	-39	1101	17.3[2]	0.010		0.01	0.017	0.020	7.3	0.3	16.4	2.23
	-700	-40	1121	18.6[2]	0.038 CI		0.05	0.034	0.027	15.7	<0.1	16.8	2.54
	-701	-41	1158	15.7[2]	0.028 CI		0.03	0.027	0.025	23.4	0.9	15.3	2.55
	-702	-42	1407	10.3[2]	0.017	0.019	0.02	0.022	0.021	27.0	0.5	13.7	2.57
	-703	-43	1161	14.9[2]	0.028		0.03	0.022	0.017	11.8	0.8	16.7	2.44
	-704	-44	1165	14.3[2]	0.017								
	-705	-45	1227	8.8[2]	0.017								
	-706	-46	1194	13.1[2]	0.016								
	-707	-47	1302	13.1[2]	0.013								
	-708	-48	1254	9.6[2]	0.012								
	-709	-49	953	9.3[2]	0.018								
	-710	-50	1382	7.1[2]	0.022		0.02	0.019	0.016	18.1	0.7	14.0	2.44
	-711	-51	1266	9.2[2]	0.019		0.02	0.017	0.016	15.7	<0.1	14.5	2.49
	-712	-52	1155	8.4[2]	0.046 CI		0.05	0.038	0.029	4.4	<0.1	16.1	2.35
	-713	-53	959	5.6[2]	0.015		0.01	0.011	0.011	4.7	<0.1	16.8	2.34
	-714	-54	1369	10.1[2]	0.009	0.009	<0.01	0.009	0.010	2.8	0.6	17.0	2.38
	-715	-55	1127	16.0[2]	0.010		0.01	0.008	0.006	1.8	0.4	16.1	2.35
	-716	-56	1161	12.0[2]	0.011		0.01	0.011	0.011	2.5	0.2	15.7	2.44
	-717	-57	879	21.9[2]	0.009		0.01	0.014	0.014	3.8	<0.1	17.3	2.46
	-718	-58	1098	20.8[2]	0.049 CI		0.05	0.030	0.019	5.0	<0.1	16.7	2.53
	-719	-59	1259	10.1[2]	0.015		0.01	0.017	0.018	5.2	<0.1	13.8	2.58
	-720	-60	1073	12.3[2]	0.014		0.01	0.011	0.010	0.3	0.4	16.6	2.63
	-721	-61	971	11.2	0.008								
	-722	-62	1206	12.1	0.008								
	-723	-63	1079	7.5	0.005								
	-724	-64	1503	2.4	0.005								
	-725	-65	1203	5.8	0.007								
	-726	-66	1076	9.5	0.011	0.011							
	-727	-67	1270	10.7	0.010								
	-728	-68	1020	12.8	0.026								
	-729	-69	1144	15.1	0.020								
	-730	-70	976	15.1	0.011								

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
171-C	730 -731	14661-71	1207	8.0	0.003								
	-732	-72	1536	5.7	0.003								
	-733	-73	1242	13.0	0.005								
	-734	-74	1415	12.0	0.004								
	-735	-75	1193	14.6	0.007								
	-736	-76	979	18.7	0.031 CI		0.02	0.012	0.009	0.1	12.5	16.3	2.28
	-737	-77	1100	17.0	0.018								
	-738	-78	1207	12.1	0.003	0.003							
	-739	-79	1257	13.1	0.001								
	-740	-80	881	18.0	0.002								
	740 -740'6"	-81	432	16.3	0.001								

End of 171-C

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
175-C	555 -556	14678-1	520	13.9	0.006	0.005							
	-557	-2	667	15.0	0.004								
	-558	-3	786	13.2	0.004								
	-559	-4	1127	14.8	0.006								
	-560	-5	1026	16.1	0.037 CI		0.05	0.028	0.016	3.8	1.5	16.3	2.47
	-561	-6	909	17.8	0.008								
	-562	-7	1193	12.4	0.005								
	-563	-8	912	12.2	0.004								
	-564	-9	782	21.2	0.007								
	-565	-10	651	25.5	0.018	0.020							
	-566	-11	553	19.6	0.018								
	-567	-12	605	24.5	0.026								
	-568	-13	829	13.0	0.011								
	-569	-14	1060	6.0	0.002								
	-570	-15	1264	12.7	0.001								
	-571	-16	764	16.7	0.002								
	-572	-17	1018	16.0	0.001								
	-573	-18	1005	18.1	<0.001								
	-574	-19	994	18.1	0.001								
	-575	-20	803	16.4	0.002	0.003							
	-576	-21	818	19.5	0.012								
	-577	-22	1047	9.2	0.007								
	-578	-23	1016	14.3	0.003								
	-579	-24	781	17.7	0.004								
	-580	-25	654	16.4	0.011		<0.01	0.005	0.006	28.5	4.1	19.8	2.41
							0.01	0.010	0.010	24.6	10.9	15.8	2.21
	-581	-26	491	20.9	0.054 CI								
	-582	-27	1176	8.6	0.021		0.07	0.042	0.026	2.6	8.7	21.1	2.36
	-583	-28	739	8.9	0.085 CI		0.02	0.038	0.046	21.6	0.6	15.5	2.66
	-584	-29	685	4.5	0.018		0.09	0.067	0.054	9.7	1.2	13.0	2.45
	591 -592	-30	855	17.2	0.006	0.005	0.03	0.025	0.027	6.1	0.5	14.8	2.41
	-593	-31	943	18.1	0.004								
	-594	-32	984	16.3	0.004								
	-595	-33	1276	8.5	0.002								

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
175-C	595 -596	14678-34	1182	10.5	0.001								
	-597	-35	1089	10.6	0.001								
	-598	-36	1133	12.4	0.001								
	-599	-37	697	14.2	0.001								
	-600	-38	822	14.0	0.002								
	-601	-39	616	16.0	0.001								
	-602	-40	899	9.6	0.008	0.007	0.01	0.011	0.010	12.8	2.7	15.9	2.62
	-603	-41	1026	9.6	0.016		0.01	0.024	0.032	20.0	0.4	14.6	2.67
	-604	-42	602	12.9	0.099 CI		0.09	0.062	0.044	19.5	<0.1	17.0	2.44
	-605	-43	1030	14.9	0.033 CI		0.04	0.028	0.022	6.8	<0.1	15.6	2.69
	-606	-44	834	19.4	0.026 CI		0.03	0.017	0.011	4.0	1.0	15.3	2.55
	-607	-45	826	16.5	0.009		0.02	0.010	0.006	2.7	0.3	17.0	2.47
	-608	-46	903	16.9	0.004								
	-609	-47	909	12.6	0.003								
	-610	-48	913	17.4	0.002								
	-611	-49	979	13.1	0.002								
	-612	-50	907	15.8	0.002	0.002							
	-613	-51	914	16.2	0.002								
	-614	-52	493	14.4	0.002								
	-615	-53	488	13.4	0.001								
	5/	-54	878	15.2	0.001								
	5/	-55	950	13.6	0.001								
	5/	-56	941	15.4	0.001								
	5/	-57	645	12.6	0.001								
	5/	-58	1012	11.0	0.001								

End of 175-C

5/ Numbers 54-58 came from 615-630'. Very poor recovery. Only 5' of material in this box and samples taken in order, top to bottom, but no footages available.

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
177-C	540 -541	14679 -1	1084	14.8[2]	0.018	0.020	0.03	0.028	0.025	10.4	5.2	15.0	2.61
	-542	-2	1095	13.5[2]	0.023		0.03	0.028	0.021	6.8	5.5	16.4	2.61
	-543	-3	1127	14.0[2]	0.044 CI		0.06	0.052	0.042	23.5	2.2	16.5	2.65
	-544	-4	1188	12.7[2]	0.022		0.03	0.027	0.022	10.6	5.1	14.9	2.62
	-545	-5	1213	13.6[2]	0.017		0.02	0.023	0.024	29.6	<0.1	15.6	2.54
	-546	-6	1229	12.9[2]	0.012								
	-547	-7	1150	15.6[2]	0.015								
	-548	-8	1378	14.8[2]	0.013								
	-549	-9	1322	11.3	0.028								
	-550	-10	1085	14.2	0.016	0.016							
	-551	-11	1085	16.0	0.028								
	-552	-12	903	16.0	0.010								
	-553	-13	1237	15.3	0.014								
	-554	-14	1359	11.6	0.010								
	-555	-15	967	11.0	0.009								
	-556	-16	901	13.2	0.008								
	-557	-17	1182	13.0	0.006								
	-558	-18	989	8.1	0.014								
	-559	-19	1109	13.0	0.007								
	-560	-20	1177	10.4	0.007	0.006							
	-561	-21	1017	10.0	0.022								
	-562	-22	1273	7.6	0.020								
	-563	-23	1043	10.3	0.006								
	-564	-24	1087	13.5	0.004								
	-565	-25	1145	11.9	0.003								
	-566	-26	1055	9.2	0.003								
	-567	-27	1098	15.2	0.004								
	-568	-28	1053	7.6	0.015								
	-569	-29	1226	8.5	0.007								
	-570	-30	563	8.7	0.010	0.008							
	-571	-31	1360	9.9	0.004								
	-572	-32	710	7.0	0.007								
	-573	-33	829	10.0	0.004								
	-574	-34	917	15.6	0.004								
	-575	-35	897	16.1	0.006		0.01	0.011	0.010	0.6	0.5	18.2	2.37

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
177-C	575 -576	14679-36	1241	15.0	0.009		0.02	0.017	0.012	2.5	0.2	16.1	2.53
	-577	-37	1142	14.9	0.040 CI		0.05	0.044	0.035	14.1	<0.1	17.3	2.48
	-578	-38	1068	14.4	0.040 CI		0.05	0.044	0.036	13.6	<0.1	17.4	2.56
	-579	-39	900	14.5	0.009		0.02	0.017	0.018	7.1	<0.1	18.2	2.56
	583 -584	-40	1130	17.7	0.006	0.006							
	-585	-41	1320	15.4	0.007								
	-586	-42	1357	13.7[2]	0.007								
	-587	-43	853	18.2[2]	0.007		0.01	0.014	0.020	2.6	<0.1	16.2	2.64
	-588	-44	1012	17.6[2]	0.010		0.02	0.018	0.016	0.4	1.0	16.3	2.51
	-589	-45	1002	18.3[2]	0.113 CI		0.12	0.078	0.035	0.8	1.1	16.4	2.53
	-590	-46	1219	17.9[2]	0.010		0.02	0.016	0.013	3.1	<0.1	16.4	2.60
	-591	-47	912	19.1[2]	0.006		0.02	0.012	0.006	0.4	0.3	16.4	2.59
	-592	-48	938	30.0[2]	0.007								
	-593	-49	1231	7.1[2]	0.003								
	-594	-50	1118	12.6[2]	0.003	0.004							
	-595	-51	1130	17.5[2]	0.004								
	-596	-52	1252	16.5[2]	0.008								
	-597	-53	1275	15.6[2]	0.006								
	-598	-54	1081	16.3[2]	0.005								
	-599	-55	896	18.0[2]	0.005								
	-600	-56	963	16.6[2]	0.004								
	-601	-57	1254	14.4[2]	0.005								
	-602	-58	1128	15.9	0.006								
	-603	-59	920	12.3	0.005								
	-604	-60	1093	16.6	0.011	<0.001							
	-605	-61	803	21.5	0.013								
	-606	-62	1266	14.5	0.008								
	-607	-63	939	14.5	0.033 CI		0.04	0.037	0.031	12.8	1.4	17.6	2.56
	-608	-64	1181	12.5	0.016								
	-609	-65	1138	12.9	0.012								
	-610	-66	1067	14.7	0.009								
	-611	-67	949	13.9	0.004								
	-612	-68	1094	12.8	0.002								
	-613	-69	1123	11.9	0.001								
	-614	-70	1096	12.0	<0.001	0.011							
	-615	-71	1090	13.5	<0.001								

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
177-C	615 -616	14679 -72	1079	13.6	<0.001								
	-617	-73	1132	12.4	<0.001								
	-618	-74	1133	16.2	0.001								
	-619	-75	985	18.6	0.003								
	-620	-76	813	22.2	0.026								
	-621	-77	837	19.0	0.008								
	-622	-78	1135	15.4	0.002								
	-623	-79	1326	11.3	0.003								
	-624	-80	1260	10.4	0.004	0.004							
	-625	-81	978	15.4	0.004								
	-626	-82	1124	14.1	0.004								
	-627	-83	1083	10.6	0.010								
	-628	-84	1166	9.7	0.006								
	-629	-85	1034	5.4	0.006								
	-630	-86	1332	7.9	0.005								
	-631	-87	1080	4.8	0.010								
	-632	-88	1299	4.7	0.007								
	-633	-89	1079	7.7	0.009								
	-634	-90	1115	15.1	0.010	0.010	0.02	0.017	0.013	0.3	0.4	18.0	2.32
	-635	-91	793	20.6	0.014		0.03	0.023	0.018	0.6	<0.1	18.1	2.39
	-636	-92	1052	20.2	0.051 CI		0.07	0.052	0.039	0.1	0.2	18.5	2.41
	-637	-93	1172	8.6	0.016		0.02	0.025	0.029	0.1	0.1	13.1	2.64
	-638	-94	1047	10.1	0.014		0.03	0.021	0.014	0.1	<0.1	14.8	2.38
	-639	-95	1240	13.6	0.012								
	-640	-96	1001	13.9	0.006								
	-641	-97	1104	14.1	0.008								
	-642	-98	979	14.9	0.017								
	-643	-99	1127	14.6	0.005								
	-644	-100	1032	15.1	0.003								
	-645	-101	953	14.7	0.002								
	-646	-102	1101	15.4	0.002								
	-647	-103	1034	15.1	0.002								
	-648	-104	1084	16.3	0.002								
	-649	-105	941	15.1	0.002								
	-650	-106	1000	15.0	0.002								

DC Hole	Footage	HRI No.	Dry[1]/ Grams	H_2O	U_3O_8, % Fluorimetric	U_3O_8, % Check Fluorimetric	U_3O_8, % Beta/ Gamma	U_3O_8, % Beta Equiv	U_3O_8, % Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
177-C	650 -651	14679 -107	903	14.2	0.003								
	-652	-108	989	16.5	0.002								
	-653	-109	694	17.3	0.002								
	-654	-110	1075	15.5	0.002	0.002							
	-655	-111	993	16.4	0.001								
	-656	-112	1118	17.8	0.001								
	-657	-113	880	14.3	0.001								
	-658	-114	981	15.6	<0.001								
	-659	-115	951	16.6	<0.001								
	-660	-116	878	13.7	<0.001								
	-661	-117	1005	15.1	<0.001								
	-662	-118	961	16.3	0.001								
	-663	-119	950	16.0	<0.001								
	-664	-120	1037	15.9	<0.001	<0.001							
	-665	-121	1042	15.8	<0.001								
	-666	-122	858	16.7	<0.001								
	-667	-123	838	17.6	<0.001								
	-668	-124	488	16.7	<0.001								

End of 177-C

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
176-C	530 -531	14783 -1	1160	12.5	0.002								
	-532	-2	1153	10.2	0.002								
	-533	-3	993	13.7	0.002								
	-534	-4	1477	3.7	0.009								
	-535	-5	1112	3.8	0.010								
	-536	-6	875	6.1	0.005								
	-537	-7	1045	8.9	0.004								
	-538	-8	1037	10.2	0.004								
	-539	-9	976	19.7	0.002								
	-540	-10	1044	15.2	0.004								
	-541	-11	1150	5.5	0.017								
	-542	-12	990	9.0	0.005								
	-543	-13	953	18.3	0.002								
	-544	-14	1017	13.1	0.005								
	-545	-15	934	18.0	0.002								
	-546	-16	1326	9.7	0.002								
	-547	-17	1219	11.7	0.002								
	-548	-18	1161	11.8	0.004								
	-549	-19	1355	4.8	0.010								
	-550	-20	1094	7.4	0.014								
	-551	-21	1158	5.2	0.015								
	-552	-22	1096	6.5	0.006								
	-553	-23	1095	8.9[2]	0.007								
	-554	-24	1224	8.5[2]	0.007								
	-555	-25	1220	6.8[2]	0.010								
	-556	-26	886	16.4[2]	0.006		<0.01	0.007	0.006	3.4	0.7	16.5	2.48
	-557	-27	1237	9.0[2]	0.012		0.02	0.012	0.009	7.6	<0.1	15.0	2.42
	-558	-28	1256	11.8[2]	0.210 CI	0.200	0.19	0.167	0.152	12.1	1.5	17.5	2.51
	-559	-29	1245	8.5[2]	0.012		<0.01	0.010	0.012	28.5	<0.1	15.6	2.46
	-560	-30	1176	12.9[2]	0.006		<0.01	0.007	0.009	14.9	1.5	13.6	2.72
	-561	-31	1292	6.7[2]	0.009								
	-562	-32	1176	8.9	0.013								
	-563	-33	814	18.2	0.014								
	-564	-34	1193	10.6	0.003								
	-565	-35	1223	6.9	0.004								

DC Hole	Footage	HRI No.	Dry 1/ Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
176-C	565 -566	14783-36	1077	6.7	0.005								
	-567	-37	1068	13.5	0.006								
	-568	-38	1080	18.0	0.002								
	-569	-39	847	14.7	0.005		<0.01	0.010	0.010	1.0	0.1	16.5	2.70
	-570	-40	684	13.7	0.105 CI		0.01	0.021	0.016	2.8	0.1	15.7	2.65
	-571	-41	910	16.2	0.012 CI		0.12	0.098	0.085	1.6	0.3	17.0	1/
	-572	-42	927	14.9	0.240 CI	0.210	0.03	0.038	0.042	1.4	0.1	14.6	2.43
	-573	-43	969	16.3	0.012		0.20	0.120	0.072	2.1	0.4	18.0	2.66
	-574	-44	863	18.8	0.006		0.03	0.026	0.026	1.6	0.1	15.0	2.64
	-575	-45	1005	17.8	0.005		0.02	0.018	0.017	3.9	0.1	15.9	2.60
	-576	-46	954	13.5	0.003								
	-577	-47	1101	14.6	0.006								
	-578	-48	1012	17.3	0.009								
	-579	-49	1012	15.3	0.004								
	-580	-50	917	11.9	0.002								
	-581	-51	814	22.9	0.023								
	-582	-52	755	18.5	0.014								
	-583	-53	591	22.9	0.023								
	-584	-54	823	22.6	0.017								
	-585	-55	758	23.1	0.031 CI		0.04	0.030	0.023	1.5	16.5	21.2	2.10
	-586	-56	1129	7.2	0.005								
	-587	-57	998	14.9	0.002								
	-588	-58	912	20.3	0.002								
	-589	-59	831	18.0	0.002								
	-590	-60	975	14.4	0.001								
	-591	-61	955	15.1	0.001								
	-592	-62	1027	17.4	0.004								
	-593	-63	991	18.5	0.003		<0.01	0.005	0.004	14.8	<0.1	18.0	2.61
	-594	-64	1162	10.0	0.004		<0.01	0.005	0.005	17.6	<0.1	15.9	2.50
	-595	-65	710	22.3	0.033 CI		0.04	0.024	0.015	12.3	10.5	17.9	2.37
	-596	-66	840	17.7	0.019 CI		0.03	0.019	0.010	0.3	15.0	19.3	2.11
	-597	-67	593	22.9	0.035 CI		0.04	0.028	0.021	3.3	3.7	22.2	2.41
	-598	-68	866	16.8	0.019		0.02	0.018	0.016	24.1	<0.1	17.1	2.65
	-599	-69	1233	7.8	0.005		<0.01	0.006	0.004	15.3	0.8	14.4	2.62
	-600	-70	1139	16.1	0.004								

1/ Insufficient sample.

DC Hole	Footage	HRI No.	Dry[1] Grams	H_2O	U_3O_8, % Fluorimetric	Check Fluorimetric	Beta/ Gamma	Beta Equiv	Gamma Equiv	CO_2 %	C Organic %	Ft^3/ton Density	Sp. Gr.
176-C	600 -601	14783 -71	938	18.2	0.004								
	-602	-72	1050	17.9	0.004								
	-603	-73	965	18.8	0.006								
	-604	-74	948	18.6	0.005								
	-605	-75	893	17.8	0.004								
	-606	-76	892	20.2	0.004								
	-607	-77	1089	14.9	0.005								
	-608	-78	1069	15.2	0.006								
	-609	-79	1084	14.5	0.010								
	-610	-80	1478	17.2	0.033 CI		0.04	0.027	0.018	9.1	9.1	16.4	2.15
End of 176-C													

Uranium Analyses of Core Number: DC-28-C
HRI No. 13455-1 through 25

HRI Sub No.	Interval ft	% U_3O_8 Fluorimetric	% U_3O_8 Beta-Gamma	% U_3O_8 Beta-Equiv.	% U_3O_8 Gamma Equiv.	% U_3O_8 Sealed Gamma Equiv.	% Radon Loss	% CO_2	% Organic	% Moisture	Specific Gravity	Density ft^3/ton
1	470-471	0.002						19.2	0.20			
2	471-472	0.001						0.25	0.10			
3	472-473	0.001						24.9	0.03			
4	473-474	0.002						12.6	0.58			
5	474-475	<0.001						5.89	0.12			
6	475-476	<0.001						0.30	0.08			
7	476-477	<0.001						0.05	0.04			
8	477-478	0.002						3.82	0.03			
9	478-479	0.001						1.52	0			
10	479-480	0.006						0.36	0			
11	480-481	<0.001						0.09	0.05			
12	481-482	<0.001						0.30	0.04			
13	482-483	<0.001						0.50	0.06			
14	483-484	<0.001						1.09	0.23			
15	484-485	<0.001						3.53	0.02			
16	485-486	0.001						8.80	0.28			
17	486-487	0.004	<0.01	0.008	0.009	0.009	0	10.7	0.03	6.0	1.87	17.1
18	487-488	0.003						6.09	0.03			
19	488-489	0.004	<0.01	0.005	0.005	0.013	62	5.39	0.06	8.6	1.89	16.9
20	489-490	0.007	<0.01	0.013	0.019	0.027	30	7.30	0.06	13.5	1.87	17.1
21	490-491	0.138	0.17	0.133	0.114	0.122	7	12.1	0.13	4.2	2.16	14.8
22	491-492	0.380	0.52	0.330	0.226	0.240	6	6.19	0.23	15.6	1.82	17.5
23	492-493	0.024	0.05	0.042	0.038	0.049	22	0.13	0.06	7.1	1.76	18.1
24	493-494	0.014	0.02	0.013	0.010	0.018	44	0.08	0.16	14.5	1.67	19.1
25	494-495	0.014	0.02	0.009	0.006	0.013	54	0.05	0.35	10.1	1.71	18.8

hri

Uranium Analyses of Core Number: DC-28-C
HRI No. 13455-26 through 50

HRI Sub No.	Interval ft	% U_3O_8 Fluori-metric	Beta-Gamma	Beta-Equiv.	Gamma Equiv.	Sealed Gamma Equiv.	% Radon Loss	% CO_2	% Organic	% Moisture	Specific Gravity	Density ft^3/ton
26	495-496	0.009	0.01	0.007	0.004	0.011	64	0.05	0.39	13.0	1.68	19.1
27	496-497	0.012	0.01	0.011	0.012	0.018	33	0.06	0.70	6.8	1.65	19.4
28	497-498	0.045	0.05	0.039	0.032	0.036	11	0.06	9.01	14.6	1.55	20.7
29	498-499	0.005	<0.01	0.005	0.005	0.009	44	0.05	0.64	6.7	1.97	16.2
30	499-500	0.007							0.39			
31	500-501	0.005	<0.01	0.005	0.009	0.009	0	4.29	0.39			
32	501-502	0.004						1.01	0.31			
33	502-503	0.012						0.08	0.14			
34	503-504	0.016						5.91	0.22			
35	504-505	0.012						4.10	0.54			
36	505-506	0.013						2.15	0.47			
37	506-507	0.010						1.65	0.26			
38	507-508	0.019						6.01	0.27			
39	508-509	0.047						28.1	1.02			
40	509-510	0.011						2.71	1.83			
41	510-511	0.010						1.49	0.73			
42	511-512	0.010						1.24	0.62			
43	512-513	0.008						11.9	0.72			
44	513-514	0.008						0.11	0.38			
45	514-515	0.008	<0.01	0.009	0.009	0.009	0	0.09	0.19			
46	515-516	0.012						0.10	0.39			
47	516-516.4	0.012	<0.01	0.011	0.012	0.018	33	0.07	2.70	8.2	1.75	18.3
48	516.4-517.4	0.014	0.02	0.012	0.009	0.013	31	0.05	0.43	6.2	1.87	17.1
49	517.4-518.4	0.023	0.02	0.018	0.018	0.024	25	0.03	3.12	9.0	1.73	18.5
50	518.4-519.4	0.082	0.07	0.047	0.033	0.037	11	0.03	12.09	9.7	1.64	19.5

hri

Uranium Analyses of Core Number: DC-28-C
HRI No. 13455-51 through 63

HRI Sub No.	Interval ft	% U_3O_8 Fluorimetric	% U_3O_8 Beta-Gamma	% U_3O_8 Beta-Equiv.	% U_3O_8 Gamma Equiv.	% U_3O_8 Sealed Gamma Equiv.	% Radon Loss	% CO_2	% Organic	% Moisture	Specific Gravity	Density ft^3/ton
51	519.4-520.4	0.013						0.06	0.75	15.5	1.72	18.7
52	520.4-521.4	0.008						0.02	0.21			
53	521.4-522.4	0.005	<0.01	0.009	0.012	0.012	0	0.74	0.11			
54	522.4-523.4	0.006						0.75	0.22			
55	523.4-524.4	0.006						0.75	0.10			
56	524.4-525.4	0.006						0.73	0.07			
57	525.4-526.4	0.008						1.35	0.37			
58	526.4-527.4	0.007						1.52	0			
59	527.4-528.4	0.012						5.40	0.14			
60	528.4-529.4	0.011						9.65	0.13			
61	529.4-530.4	0.013						14.3	0.13			
62	530.4-531.4	0.007						12.1	0.18			
63	531.4-532.4	0.005						0.40	0.49			