

Till sample	Easting	Northing	Pebbles % >2 mm	Sand % 2 mm-63 µm	Silt % 63 µm-2 µm	Clay % <2 µm	pH	Total C % LECO run 1	Organic C % LECO run 1	Inorganic C % LECO run 1	Total C % LECO run 2	Organic C % LECO run 2	Inorganic C % LECO run 2	Total C % Chittick	Calcite/Dolomite ratio	Ag 0.2 ppm'	Cu 1 ppm'	Pb 2 ppm'	Zn 1 ppm'	Mo 1 ppm'	Ni 1 ppm'	Co 1 ppm'	Cd 0.2 ppm'	Bi 6 ppm'	As 5 ppm'	Sb 5 ppm'	Fe 0.01 pct'	Mn 1 ppm'	Te 10 ppm'	Ba 1 ppm'	Cr 1 ppm'	V 1 ppm'	Sn 20 ppm'	W 20 ppm'	La 1 ppm'	Al 0.01 pct'	Mg 0.01 pct'	Ca 0.01 pct'	Na 0.01 pct'	K 0.01 pct'	Sr 1 ppm'	Y 1 ppm'	Ga 2 ppm'	Li 1 ppm'	Nb 1 ppm'	Sc 5 ppm'	Ta 10 ppm'	Ti 0.01 pct'	Zr 1 ppm'	
HCA-95-B01	394900	6972000	55.90	75.79	23.25	0.95	-	0.2	0.0	0.2	0.2	0.2	0.2	0.9	3.1	1	232	22	217	6	150	41	0.5	0	0	0	8.06	1277	0	280	133	105	0	0	76	3.86	2.61	0.38	0.95	1.06	23	18	0	43	0	18	0	0.21	1	
HCA-95-B02	427600	6943500	51.42	88.19	11.32	0.49	-	1.2	0.0	1.2	1.0	1.2	1.0	0.9	3.0	1	172	15	129	5	127	46	0	0	0	0	6.96	1443	0	227	103	98	0	0	53	4.27	1.97	0.33	0.73	0.71	19	12	0	40	0	12	0	0.18	0	
HCA-95-B03	472600	6989700	29.06	84.16	15.43	0.41	-	1.9	0.0	1.9	1.9	1.9	1.7	0.9	3.0	0.7	151	17	154	10	114	47	0.3	0	0	0	7.76	1429	0	196	94	88	0	0	35	6.29	1.16	0.06	1.45	0.38	5	19	0	23	0	12	0	0.16	5	
HCA-95-B04	455600	7006000	20.88	62.74	35.05	2.21	-	0.4	0.3	0.1	0.3	-0.2	0.3	0.7	3.0	0.7	157	21	239	10	164	38	0.3	0	0	0	10	684	0	427	182	158	0	0	35	4.5	2.59	0.26	0.9	1	13	14	0	28	0	22	0	0.35	8	
HCA-95-B05	452700	7046800	33.24	72.86	26.49	0.65	-	0.7	0.0	0.7	0.8	0.7	0.7	1.1	1.5	0.8	114	19	114	7	88	36	0	0	0	0	6.36	904	0	127	85	85	0	0	67	7.16	1.03	0.12	0.82	0.24	11	16	0	17	0	14	0	0.13	6	
HCA-95-B06	458700	7046700	26.57	65.96	32.12	1.92	-	0.4	0.0	0.4	0.3	0.4	0.3	1.1	1.5	0.7	147	17	162	12	132	39	0	0	0	0	8.92	752	0	340	157	146	0	0	45	5.3	1.9	0.27	1.03	0.61	24	14	0	27	0	20	0	0.12	0	
HCA-95-B07	506700	7004600	-	61.41	36.89	1.70	6	0.1	0.0	0.1	0.2	0.1	0.1	0.9	3.0	0.5	123	10	176	6	113	35	0	0	0	0	8.21	748	0	640	143	107	0	0	54	4.34	3.03	0.24	1.24	0.7	13	16	0	28	0	24	0	0.23	3	
HCA-95-B08	378473.12	7065131.24	26.25	76.10	23.47	0.43	-	2.5	0.0	2.5	1.9	2.5	1.8	1.4	1.0	0.6	143	18	119	13	134	41	0	0	0	0	8.73	655	0	128	146	116	0	0	42	5.22	1.29	0.14	0.7	0.38	11	18	0	21	0	13	0	0.15	1	
HCA-95-B09	366299.58	7078024.52	18.88	77.94	21.30	0.76	-	3.0	0.2	2.8	3.3	2.6	3.2	2.0	0.5	1.1	158	32	125	13	123	34	0	0	0	210	0	7.27	684	0	59	113	133	0	0	32	6.17	0.91	0.04	0.8	0.19	3	22	0	46	0	7	0	0.15	3
HCA-95-B10	362839.03	7063819.34	16.02	48.31	48.82	2.88	-	0.8	0.3	0.5	0.7	0.2	0.7	0.7	3.0	1.2	178	36	219	39	96	27	0	0	0	0	10	241	0	148	120	187	0	0	46	5.89	1.75	0.07	0.87	0.62	7	18	0	48	0	15	0	0.11	0	
HCA-95-B11	362978.5	7063608.69	16.48	58.82	38.62	2.57	-	1.0	0.2	0.8	0.9	0.6	0.7	0.7	3.0	1.1	163	40	188	15	88	40	0.3	0	0	8	9.93	314	0	188	129	193	0	0	29	5.11	2.05	0.05	0.37	1.02	5	11	0	43	0	12	0	0.45	1	
HCA-95-B12	354268.61	7094292.82	9.88	58.46	39.81	1.74	-	0.3	0.0	0.3	0.3	0.3	0.3	1.8	0.1	0.7	87	25	147	4	90	36	0	0	0	9	5.39	667	0	132	68	92	0	0	53	4.29	1.41	0.22	0.59	0.56	9	14	0	28	0	10	0	0.23	4	
HCA-95-B13	358602.01	7092643.06	22.00	64.91	33.79	1.29	-	0.7	0.0	0.7	0.7	0.7	0.7	1.2	0.9	0.9	137	44	238	6	119	45	0.3	0	0	0	7.13	640	0	149	87	126	0	0	45	5.26	1.56	0.15	0.75	0.61	10	17	0	37	0	10	0	0.22	0	
HCA-95-B14	382635.92	7039304.62	15.85	66.95	31.90	1.15	-	1.6	0.3	1.3	1.7	1.0	1.7	0.9	1.0	0.7	158	16	125	19	124	45	0	0	0	69	0	8.29	807	0	121	109	101	0	0	28	4.89	1.23	0.09	0.7	0.44	6	10	0	28	0	11	0	0.16	2
HCA-95-B15	632871.2	7056794.2	23.50	65.73	31.93	2.34	-	1.5	0.0	1.5	1.6	1.5	1.5	0.9	3.1	0.7	104	20	131	7	105	37	0	0	0	0	6.56	835	0	178	92	96	0	0	55	5.85	1.24	0.16	0.66	0.34	13	18	0	22	0	11	0	0.16	3	
HCA-95-B16	394394.44	7063356.51	10.95	67.07	31.49	1.44	-	1.1	0.0	1.1	1.2	1.1	1.2	0.9	1.0	1.1	144	53	209	12	64	41	0.3	0	0	22	0	8.22	825	0	49	67	96	0	0	36	3.17	0.82	0.07	1.38	0.2	5	16	0	21	0	0	0.09	0	
HCA-95-B17	355163.6	7078807.33	32.39	94.05	5.79	0.16	-	4.8	0.3	4.5	9.2	4.1	9.2	1.1	1.5	1.1	115	34	286	8	143	49	0	0	0	8	9.7	506	0	169	103	147	0	0	47	5.37	1.87	0.09	0.43	0.73	7	21	0	39	0	12	0	0.34	2	
HCA-95-B18	322221.23	7074749.73	8.90	50.60	46.81	2.59	-	1.2	0.3	0.9	1.2	0.6	1.1	3.1	1.3	0.9	92	30	102	11	69	45	0	0	0	18	0	9.49	1068	0	77	110	146	0	0	28	3.62	1.14	0.1	1.25	0.34	6	17	0	30	0	7	0	0.14	0
HCA-95-B19	366150.44	7033112.16	26.40	83.66	15.92	0.41	-	3.7	0.0	3.7	3.0	3.7	2.4	0.9	1.1	1.1	105	17	157	18	92	18	0	0	0	35	0	8.43	100	0	113	141	156	0	0	24	5.37	1.22	0.04	0.52	0.39	3	10	0	36	0	17	0	0.28	11
HCA-95-B20	368619.53	7033567.49	8.16	59.16	38.03	2.82	-	2.8	0.2	2.6	2.6	2.6	2.7	0.9	3.1	0.9	77	16	132	6	89	38	0	0	0	0	5.95	565	0	232	95	99	0	0	61	5.84	1.53	0.23	0.6	0.43	18	12	0	24	0	11	0	0.21	0	
HCA-95-B21	414971.34	7037517.31	15.59	66.01	33.08	0.90	-	0.5	0.0	0.5	0.6	0.5	0.6	2.0	0.7	2.0	0.8	165	22	129	11	244	53	0	0	16	0	6.84	683	0	224	142	107	0	0	49	7.18	1.57	0.13	0.61	0.41	11	15	0	29	0	12	0	0.22	5
HCA-95-B22	408094.4	7043244.94	15.84	63.48	35.19	1.33	-	0.9	0.1	0.8	0.9	0.7	0.9	1.1	0.9	0.9	138	16	179	8	122	43	0	0	0	0	8.15	895	0	277	127	124	0	0	69	3.82	1.88	0.31	0.76	0.66	21	15	0	22	0	19	0	0.26	5	
HCA-95-B23	405881.22	7052303.1	24.76	58.06	40.50	1.44	-	0.1	0.0	0.1	0.1	0.1	0.1	3.1	0.9	1.1	5	22	131	7	94	32	0	0	0	0	8	670	0	124	120	131	0	0	49	7.19	1.36	0.05	0.64	0.15	8	14	0	26	0	11	0	0.13	0	
HCA-95-B24	409964.38	7069799.54	-	57.13	40.12	2.76	5	1.6	0.1	1.6	1.6	1.4	1.6	1.1	1.6	1.1	158	17	125	8	176	45	0.2	0	0	0	6.02	933	10	228	107	90	0	0	47	7.78	1.55	0.19	0.73	0.32	14	12	0	22	0	11	0	0.16	5	
HCA-95-B25	413394.67	7067640.97	31.97	64.53	33.92	1.55	-	1.7	0.1	1.5	1.7	1.5	1.7	0.9	3.1	1	151	18	125	9	109	46	0	0	0	0	5.33	1143	0	189	67	78	0	0	52	3.92	1.04	0.18	2.45	0.31	20	12	0	15	0	8	0	0.12	2	
HCA-95-B26	397191	7096115.91	35.03	86.25	13.44	0.31	-	1.0	0.0	1.0	1.5	1.0	1.2	1.1	1.5	0.3	56	8	45	3	40	13	0	0	0	0	2.47	409	0	59	62	31	0	0	19	2.74	0.42	0.08	0	0.11	8									