

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Wave_ALOH
CDD001a00001	3.00	4.00	Kaolinite	1	NULL	NULL	243.27	2205.811
CDD001a00002	4.00	5.00	Kaolinite	1	NULL	NULL	149.584	2206.172
CDD001a00003	5.00	6.00	Kaolinite	0.935	Gypsum	0.0654	334.987	2206.25
CDD001a00004	6.00	7.00	Kaolinite	1	NULL	NULL	177.907	2205.581
CDD001a00005	7.00	8.00	Kaolinite	1	NULL	NULL	186.835	2205.881
CDD001a00006	8.00	9.00	Kaolinite	1	NULL	NULL	180.242	2206.112
CDD001a00007	9.00	9.78	Kaolinite	0.884	Gypsum	0.116	248.348	2206.213
CDD001a00008	9.78	10.57	Kaolinite	1	NULL	NULL	186.353	2205.928
CDD001a00009	10.57	11.35	Kaolinite	1	NULL	NULL	220.773	2205.67
CDD001a00010	11.35	12.13	Kaolinite	1	NULL	NULL	247.304	2205.684
CDD001a00011	12.13	12.92	Kaolinite	0.578	FeChlorite	0.422	313.548	2206.373
CDD001a00012	12.92	13.70	Kaolinite	1	NULL	NULL	164.222	2206.031
CDD001a00013	13.70	14.53	Kaolinite	1	NULL	NULL	183.896	2206.388
CDD001a00014	14.53	15.37	Kaolinite	1	NULL	NULL	202.217	2206.613
CDD001a00015	15.37	16.20	Kaolinite	0.544	Halloysite	0.456	226.289	2206.058
CDD001a00016	16.20	17.03	NULL	NULL	NULL	NULL	NULL	2205.072
CDD001a00017	17.03	17.87	Kaolinite	1	NULL	NULL	180.047	2205.545
CDD001a00018	17.87	18.70	NULL	NULL	NULL	NULL	NULL	2205.818
CDD001a00019	18.70	19.55	NULL	NULL	NULL	NULL	NULL	2205.633
CDD001a00020	19.55	20.40	Kaolinite	0.83	Gibbsite	0.17	387.459	2205.93
CDD001a00021	20.40	21.25	NULL	NULL	NULL	NULL	NULL	2206.666
CDD001a00022	21.25	22.10	NULL	NULL	NULL	NULL	NULL	2204.265
CDD001a00023	22.10	22.95	NULL	NULL	NULL	NULL	NULL	NULL
CDD001a00024	22.95	23.80	NULL	NULL	NULL	NULL	NULL	2202.155
CDD001a00025	23.80	24.67	NULL	NULL	NULL	NULL	NULL	2194.11
CDD001a00026	24.67	25.53	NULL	NULL	NULL	NULL	NULL	2203.447
CDD001a00027	25.53	26.40	Halloysite	0.553	MgChlorite	0.447	530.599	2205.613
CDD001a00028	26.40	27.27	Ankerite	0.671	Dickite	0.329	80.873	2206.967
CDD001a00029	27.27	28.13	NULL	NULL	NULL	NULL	NULL	2204.406
CDD001a00030	28.13	29.00	NULL	NULL	NULL	NULL	NULL	2189.518
CDD001a00031	29.00	29.85	Kaolinite	0.881	Gypsum	0.119	420.612	2204.671
CDD001a00032	29.85	30.70	Halloysite	0.721	Na_Alunite	0.279	388.195	2204.764
CDD001a00033	30.70	31.55	Jarosite	0.642	Dickite	0.358	559.628	2205.272
CDD001a00034	31.55	32.39	NULL	NULL	NULL	NULL	NULL	2204.324
CDD001a00035	32.39	33.24	NULL	NULL	NULL	NULL	NULL	2203.887
CDD001a00036	33.24	34.09	Kaolinite	0.562	Palygorskite	0.438	596.591	2206.787
CDD001a00037	34.09	34.98	NULL	NULL	NULL	NULL	NULL	2191
CDD001a00038	34.98	35.86	Kaolinite	1	NULL	NULL	124.255	2202.094
CDD001a00039	35.86	36.75	Gibbsite	1	NULL	NULL	97.925	2207.187
CDD001a00040	36.75	37.63	NULL	NULL	NULL	NULL	NULL	2207.633
CDD001a00041	37.63	38.52	Halloysite	1	NULL	NULL	69.229	2206.593
CDD001a00042	38.52	39.40	Halloysite	0.562	Gypsum	0.438	280.446	NULL
CDD001a00043	39.40	40.30	NULL	NULL	NULL	NULL	NULL	2206.24
CDD001a00044	40.30	41.19	Kaolinite	1	NULL	NULL	107.593	2204.642
CDD001a00045	41.19	42.09	Halloysite	0.744	K_Alunite	0.256	408.056	2206.714
CDD001a00046	42.09	42.98	Halloysite	1	NULL	NULL	134.79	2205.611
CDD001a00047	42.98	43.88	Halloysite	0.82	K_Alunite	0.18	508.427	2205.668
CDD001a00048	43.88	44.77	Halloysite	1	NULL	NULL	137.548	2207.554
CDD001a00049	44.77	45.64	NULL	NULL	NULL	NULL	NULL	2193.414
CDD001a00050	45.64	46.51	Kaolinite	0.951	Tourmaline	0.0489	297.945	2206.458
CDD001a00051	46.51	47.39	Halloysite	0.764	K_Alunite	0.236	232.748	2205.155
CDD001a00052	47.39	48.26	Halloysite	1	NULL	NULL	129.944	2187.677
CDD001a00053	48.26	49.13	Halloysite	0.641	K_Alunite	0.359	311.809	2202.585
CDD001a00054	49.13	50.00	Halloysite	0.663	Gypsum	0.337	129.945	2202.967
CDD001a00055	50.00	50.82	Kaolinite	1	NULL	NULL	117.521	2205.987
CDD001a00056	50.82	51.64	NULL	NULL	NULL	NULL	NULL	2206.633
CDD001a00057	51.64	52.46	Halloysite	0.697	Gypsum	0.303	210.327	2205.061
CDD001a00058	52.46	53.28	NULL	NULL	NULL	NULL	NULL	2205.321
CDD001a00059	53.28	54.10	Diaspore	0.714	Halloysite	0.286	510.091	2205.92
CDD001a00060	54.10	54.92	Kaolinite	0.708	Gypsum	0.292	449.286	2206.448
CDD001a00061	54.92	55.80	NULL	NULL	NULL	NULL	NULL	2205.664
CDD001a00062	55.80	56.67	Kaolinite	1	NULL	NULL	60.973	2206.553
CDD001a00063	56.67	57.55	Kaolinite	1	NULL	NULL	85.691	2204.953
CDD001a00064	57.55	58.42	Kaolinite	1	NULL	NULL	92.567	2206.939
CDD001a00065	58.42	59.30	Kaolinite	1	NULL	NULL	131.666	2206.306
CDD001a00066	59.30	60.17	NULL	NULL	NULL	NULL	NULL	NULL
CDD001a00067	60.17	61.08	Kaolinite	1	NULL	NULL	129.008	2205.764
CDD001a00068	61.08	61.98	Kaolinite	1	NULL	NULL	174.839	2206.608
CDD001a00069	61.98	62.89	Kaolinite	1	NULL	NULL	98.443	2205.986
CDD001a00070	62.89	63.79	Kaolinite	1	NULL	NULL	76.357	2206.074
CDD001a00071	63.79	64.70	Muscovite	0.531	Kaolinite	0.469	45.229	2206.074
CDD001a00072	64.70	65.60	Kaolinite	0.522	Muscovite	0.478	96.314	2205.076
CDD001a00073	65.60	66.44	Muscovite	0.729	Ankerite	0.271	249.241	2203.622
CDD001a00074	66.44	67.29	Illite	0.534	MgChlorite	0.466	99.671	2204.447
CDD001a00075	67.29	68.13	Illite	0.637	MgChlorite	0.363	207.694	2204.185
CDD001a00076	68.13	68.97	Kaolinite	0.667	Muscovite	0.333	77.658	2206.035
CDD001a00077	68.97	69.82	Kaolinite	0.813	Prehnite	0.187	246.903	2206.028
CDD001a00078	69.82	70.66	Kaolinite	1	NULL	NULL	182.535	2206.348

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Wave_ALOH
CDD001a00079	70.66	71.52	Kaolinite	1	NULL	NULL	46.24	2205.87
CDD001a00080	71.52	72.37	Kaolinite	1	NULL	NULL	114.124	2205.715
CDD001a00081	72.37	73.23	Kaolinite	1	NULL	NULL	106.585	2206.15
CDD001a00082	73.23	74.09	Kaolinite	1	NULL	NULL	177.975	2206.389
CDD001a00083	74.09	74.94	Kaolinite	0.865	Prehnite	0.135	247.853	2206.174
CDD001a00084	74.94	75.80	Kaolinite	1	NULL	NULL	114.52	2206.422
CDD001a00085	75.80	76.62	Kaolinite	1	NULL	NULL	113.148	2206.54
CDD001a00086	76.62	77.43	NULL	NULL	NULL	NULL	NULL	NULL
CDD001a00087	77.43	78.25	Kaolinite	0.69	Gypsum	0.31	255.865	2206.849
CDD001a00088	78.25	79.07	Halloysite	0.746	Gypsum	0.254	152.121	2205.875
CDD001a00089	79.07	79.88	Gypsum	1	NULL	NULL	220.671	2207.718
CDD001a00090	79.88	80.70	Halloysite	0.517	Gypsum	0.483	311.143	2205.543
CDD001a00091	80.70	81.51	Halloysite	0.794	Gypsum	0.206	247.027	2205.894
CDD001a00092	81.51	82.32	Kaolinite	0.889	Gypsum	0.111	218.874	2205.47
CDD001a00093	82.32	83.13	Kaolinite	0.916	Gypsum	0.0841	259.436	2205.518
CDD001a00094	83.13	83.94	Kaolinite	0.847	Prehnite	0.153	451.708	2206.318
CDD001a00095	83.94	84.75	Kaolinite	1	NULL	NULL	67.548	2206.009
CDD001a00096	84.75	85.56	Nacrite	1	NULL	NULL	58.699	2206.077
CDD001a00097	85.56	86.24	Kaolinite	0.725	Prehnite	0.275	478.469	2206.357
CDD001a00098	86.24	86.91	NULL	NULL	NULL	NULL	NULL	2203.18
CDD001a00099	86.91	87.59	Kaolinite	1	NULL	NULL	86.3	2205.657
CDD001a00100	87.59	88.26	Kaolinite	1	NULL	NULL	249.968	2206.089
CDD001a00101	88.26	88.94	Kaolinite	1	NULL	NULL	202.503	2206.718
CDD001a00102	88.94	89.61	Kaolinite	1	NULL	NULL	98.516	2206.819
CDD001a00103	89.61	90.57	Illite	0.648	Epidote	0.352	359.867	2199.113
CDD001a00104	90.57	91.52	IntChlorite	0.772	Muscovite	0.228	73.478	NULL
CDD001a00105	91.52	92.48	Muscovite	1	NULL	NULL	238.833	2213.817
CDD001a00106	92.48	93.44	NULL	NULL	NULL	NULL	NULL	NULL
CDD001a00107	93.44	94.39	IntChlorite	1	NULL	NULL	243.729	2224.554
CDD001a00108	94.39	95.35	Epidote	0.605	Prehnite	0.395	292.314	NULL
CDD001a00109	95.35	96.22	FeChlorite	1	NULL	NULL	213.458	2196.688
CDD001a00110	96.22	97.09	NULL	NULL	NULL	NULL	NULL	NULL
CDD001a00111	97.09	97.96	NULL	NULL	NULL	NULL	NULL	2218.904
CDD001a00112	97.96	98.83	IntChlorite	0.771	Muscovite	0.229	99.216	NULL
CDD001a00113	98.83	99.70	FeChlorite	0.815	Paragonite	0.185	382.414	2212.122
CDD001a00114	99.70	100.57	IntChlorite	1	NULL	NULL	113.744	NULL
CDD001a00115	100.57	101.43	Illite	0.57	MgChlorite	0.43	65.224	2205.446
CDD001a00116	101.43	102.30	Illite	0.536	MgChlorite	0.464	76.766	2203.787
CDD001a00117	102.30	103.16	Muscovite	1	NULL	NULL	71.925	2204.161
CDD001a00118	103.16	104.02	Illite	0.69	MgChlorite	0.31	306.388	2197.409
CDD001a00119	104.02	104.89	Illite	0.859	Gypsum	0.141	292.045	2201.827
CDD001a00120	104.89	105.75	MgChlorite	0.6	Illite	0.4	159.364	2197.054
CDD001a00121	105.75	106.72	Muscovite	1	NULL	NULL	85.076	2203.853
CDD001a00122	106.72	107.69	Illite	1	NULL	NULL	110.252	2198.722
CDD001a00123	107.69	108.66	Illite	1	NULL	NULL	208.528	2196.59
CDD001a00124	108.66	109.63	Illite	0.635	MgChlorite	0.365	221.643	2196.019
CDD001a00125	109.63	110.60	Illite	1	NULL	NULL	50.577	2196.955
CDD001a00126	110.60	111.57	Illite	1	NULL	NULL	35.894	2197.98
CDD001a00127	111.57	112.43	Illite	1	NULL	NULL	27.614	2197.821
CDD001a00128	112.43	113.28	Illite	1	NULL	NULL	36.784	2198.408
CDD001a00129	113.28	114.14	Illite	1	NULL	NULL	48.712	2198.942
CDD001a00130	114.14	114.99	Illite	1	NULL	NULL	32.432	2198.591
CDD001a00131	114.99	115.85	Illite	1	NULL	NULL	55.758	2203.593
CDD001a00132	115.85	116.70	Muscovite	0.619	MgChlorite	0.381	87.974	2206.762
CDD001a00133	116.70	117.56	Muscovite	1	NULL	NULL	54.111	2206.116
CDD001a00134	117.56	118.43	Muscovite	0.663	IntChlorite	0.337	66.836	2205.911
CDD001a00135	118.43	119.29	Illite	0.567	MgChlorite	0.433	63.047	2209.255
CDD001a00136	119.29	120.15	Muscovite	0.794	Montmorillonite	0.206	62.789	2206.845
CDD001a00137	120.15	121.02	Illite	0.586	MgChlorite	0.414	71.332	2207.742
CDD001a00138	121.02	121.88	Muscovite	1	NULL	NULL	210.061	2212.265
CDD001a00139	121.88	122.78	MgChlorite	1	NULL	NULL	129.343	NULL
CDD001a00140	122.78	123.67	Muscovite	0.655	MgChlorite	0.345	98.041	2212.386
CDD001a00141	123.67	124.57	Illite	0.597	MgChlorite	0.403	76.057	2210.196
CDD001a00142	124.57	125.46	Illite	0.605	MgChlorite	0.395	73.204	2209.855
CDD001a00143	125.46	126.36	Muscovite	0.602	MgChlorite	0.398	117.312	2215.575
CDD001a00144	126.36	127.25	IntChlorite	0.654	Muscovite	0.346	82.669	2223.545
CDD001a00145	127.25	128.14	Muscovite	0.613	MgChlorite	0.387	101.187	2214.213
CDD001a00146	128.14	129.02	MgChlorite	0.616	Muscovite	0.384	76.286	2222.373
CDD001a00147	129.02	129.91	MgChlorite	0.642	Muscovite	0.358	55.359	2224.922
CDD001a00148	129.91	130.79	Muscovite	0.661	MgChlorite	0.339	251.561	2216.438
CDD001a00149	130.79	131.68	Muscovite	0.675	MgChlorite	0.325	98.674	2212.641
CDD001a00150	131.68	132.56	MgChlorite	0.609	Illite	0.391	108.428	2215.645
CDD001a00151	132.56	133.40	IntChlorite	0.631	Muscovite	0.369	67.19	2213.311
CDD001a00152	133.40	134.24	MgChlorite	0.568	Muscovite	0.432	92.53	2221.727
CDD001a00153	134.24	135.08	IntChlorite	0.534	Muscovite	0.466	117.836	2206.977
CDD001a00154	135.08	135.92	Illite	0.621	Phengite	0.379	79.458	2210.34
CDD001a00155	135.92	136.76	Muscovite	0.687	MgChlorite	0.313	131.251	2213.64
CDD001a00156	136.76	137.60	Illite	0.569	MgChlorite	0.431	102.13	2205.792

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Wave_ALOH
CDD001a00157	137.60	138.44	Muscovite	0.669	IntChlorite	0.331	152.787	2212.121
CDD001a00158	138.44	139.27	Muscovite	0.67	MgChlorite	0.33	125.154	2212.923
CDD001a00159	139.27	140.11	Kaolinite	1	NULL	NULL	145.931	2205.635
CDD001a00160	140.11	140.95	Biotite	0.826	Halloysite	0.174	316.71	2208.398
CDD001a00161	140.95	141.78	Muscovite	1	NULL	NULL	161.117	2211.409
CDD001a00162	141.78	142.62	Phengite	0.518	Illite	0.482	83.878	2213.215
CDD001a00163	142.62	143.47	IntChlorite	0.59	Muscovite	0.41	148.872	2211.563
CDD001a00164	143.47	144.32	MgChlorite	0.632	Muscovite	0.368	107.016	2210.544
CDD001a00165	144.32	145.17	Muscovite	0.605	MgChlorite	0.395	157.783	2215.301
CDD001a00166	145.17	146.01	Illite	0.676	MgChlorite	0.324	142.231	2212.806
CDD001a00167	146.01	146.86	Montmorillonite	0.517	Muscovite	0.483	120.956	2206.78
CDD001a00168	146.86	147.71	IntChlorite	0.504	Muscovite	0.496	168.767	2208.572
CDD001a00169	147.71	148.59	IntChlorite	0.646	Muscovite	0.354	90.326	NULL
CDD001a00170	148.59	149.47	Illite	0.573	MgChlorite	0.427	94	2211.088
CDD001a00171	149.47	150.36	Phengite	1	NULL	NULL	195.809	2214.595
CDD001a00172	150.36	151.24	IntChlorite	1	NULL	NULL	170.313	NULL
CDD001a00173	151.24	152.12	Muscovite	1	NULL	NULL	112.256	2208.248
CDD001a00174	152.12	153.00	IntChlorite	0.506	Muscovite	0.494	201.84	2214.37
CDD001a00175	153.00	153.89	Illite	0.754	Prehnite	0.246	111.079	2198.01
CDD001a00176	153.89	154.78	Illite	1	NULL	NULL	213.047	2205.264
CDD001a00177	154.78	155.68	Muscovite	0.54	IntChlorite	0.46	147.715	2202.204
CDD001a00178	155.68	156.57	Muscovite	0.582	IntChlorite	0.418	135.4	2199.585
CDD001a00179	156.57	157.46	IntChlorite	0.518	Muscovite	0.482	132.03	2210.061
CDD001a00180	157.46	158.35	Illite	0.577	IntChlorite	0.423	165.907	2204.135
CDD001a00181	158.35	159.23	Illite	0.534	MgChlorite	0.466	110.124	2219.333
CDD001a00182	159.23	160.12	Illite	1	NULL	NULL	191.874	2197.979
CDD001a00183	160.12	161.00	Illite	0.502	MgChlorite	0.498	106.499	2203.874
CDD001a00184	161.00	161.88	Muscovite	0.728	MgChlorite	0.272	220.609	2205.148
CDD001a00185	161.88	162.77	Illite	1	NULL	NULL	216.4	2207.408
CDD001a00186	162.77	163.65	Illite	0.668	MgChlorite	0.332	145.073	2210.286
CDD001a00187	163.65	164.48	IntChlorite	0.635	Muscovite	0.365	101.377	2220.26
CDD001a00188	164.48	165.32	Muscovite	0.62	IntChlorite	0.38	226.281	2213.312
CDD001a00189	165.32	166.15	Illite	0.664	MgChlorite	0.336	135.813	2210.436
CDD001a00190	166.15	166.98	IntChlorite	0.572	Muscovite	0.428	117.972	2222.085
CDD001a00191	166.98	167.82	Muscovite	0.55	Montmorillonite	0.45	97.548	2204.482
CDD001a00192	167.82	168.65	Muscovite	1	NULL	NULL	204.923	2210.933
CDD001a00193	168.65	169.57	Muscovite	0.548	IntChlorite	0.452	217.765	2204.371
CDD001a00194	169.57	170.48	Muscovite	0.735	Phlogopite2	0.265	327.826	2202.893
CDD001a00195	170.48	171.40	Illite	0.688	MgChlorite	0.312	128.416	2207.941
CDD001a00196	171.40	172.31	Phlogopite2	0.503	Paragonite	0.497	240.452	2195.613
CDD001a00197	172.31	173.23	Phlogopite2	0.608	Muscovite	0.392	318.12	2203.445
CDD001a00198	173.23	174.14	MgChlorite	1	NULL	NULL	148.956	NULL
CDD001a00199	174.14	175.01	Muscovite	0.63	Prehnite	0.37	246.697	2196.492
CDD001a00200	175.01	175.88	Paragonite	0.537	Phlogopite2	0.463	225.7	2195.085
CDD001a00201	175.88	176.75	Paragonite	1	NULL	NULL	227.571	2195.672
CDD001a00202	176.75	177.61	Illite	0.66	Prehnite	0.34	127.788	2196.8
CDD001a00203	177.61	178.48	NULL	NULL	NULL	NULL	NULL	2196.217
CDD001a00204	178.48	179.35	NULL	NULL	NULL	NULL	NULL	2198.525
CDD001a00205	179.35	180.23	Prehnite	0.614	Illite	0.386	158.158	2195.937
CDD001a00206	180.23	181.11	Biotite	0.77	Paragonite	0.23	197.477	2195.418
CDD001a00207	181.11	181.99	Illite	0.588	Prehnite	0.412	112.723	2196.395
CDD001a00208	181.99	182.87	NULL	NULL	NULL	NULL	NULL	2208.804
CDD001a00209	182.87	183.75	Paragonite	1	NULL	NULL	219.804	2196.965
CDD001a00210	183.75	184.63	MgChlorite	0.609	Muscovite	0.391	333.284	2212.825
CDD001a00211	184.63	185.53	Muscovite	0.74	Epidote	0.26	214.918	2196.078
CDD001a00212	185.53	186.42	Illite	1	NULL	NULL	195.876	2197.81
CDD001a00213	186.42	187.32	IntChlorite	0.667	Muscovite	0.333	75.088	2208.844
CDD001a00214	187.32	188.21	FeChlorite	0.764	Paragonite	0.236	189.457	2195.753
CDD001a00215	188.21	189.11	Illite	0.69	Prehnite	0.31	145.19	2196.607
CDD001a00216	189.11	190.00	Prehnite	0.568	Paragonite	0.432	282.313	2194.794
CDD001a00217	190.00	190.90	Muscovite	1	NULL	NULL	211.212	2198.512
CDD001a00218	190.90	191.79	MgChlorite	0.531	Illite	0.469	115.486	2200.12
CDD001a00219	191.79	192.69	Muscovite	0.538	MgChlorite	0.462	109.546	2202.052
CDD001a00220	192.69	193.58	FeChlorite	0.658	Paragonite	0.342	130.78	2194.818
CDD001a00221	193.58	194.48	Muscovite	0.627	MgChlorite	0.373	151.995	2201.362
CDD001a00222	194.48	195.37	Illite	0.658	IntChlorite	0.342	122.524	2198.944
CDD001a00223	195.37	196.24	MgChlorite	0.517	Illite	0.483	92.678	2200.927
CDD001a00224	196.24	197.10	IntChlorite	0.605	Paragonite	0.395	153.729	2198.233
CDD001a00225	197.10	197.97	Muscovite	0.579	Prehnite	0.421	125.864	2199.175
CDD001a00226	197.97	198.84	Illite	0.515	Gypsum	0.485	542.677	2195.225
CDD001a00227	198.84	199.70	Muscovite	0.668	IntChlorite	0.332	65.236	2204.87
CDD001a00228	199.70	200.57	Illite	0.642	Prehnite	0.358	99.913	2196.402
CDD001a00229	200.57	201.50	NULL	NULL	NULL	NULL	NULL	2192.992
CDD001a00230	201.50	202.42	Muscovite	0.607	IntChlorite	0.393	506.416	2201.386
CDD001a00231	202.42	203.35	Illite	1	NULL	NULL	188.374	2197.322
CDD001a00232	203.35	204.27	Muscovite	1	NULL	NULL	223.394	2198.791
CDD001a00233	204.27	205.20	Muscovite	0.625	Prehnite	0.375	180.619	2196.213
CDD001a00234	205.20	206.12	FeChlorite	0.526	Muscovite	0.474	261.82	2198.659

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Wave_ALOH
CDD001a00235	206.12	207.04	FeChlorite	0.637	Paragonite	0.363	184.707	2197.349
CDD001a00236	207.04	207.96	NULL	NULL	NULL	NULL	NULL	2200.213
CDD001a00237	207.96	208.88	FeChlorite	0.518	Muscovite	0.482	153.034	2197.914
CDD001a00238	208.88	209.80	Illite	0.545	Prehnite	0.455	109.97	2196.655
CDD001a00239	209.80	210.72	IntChlorite	0.509	Muscovite	0.491	102.01	2204.731
CDD001a00240	210.72	211.64	Muscovite	1	NULL	NULL	224.321	2196.267
CDD001a00241	211.64	212.50	FeChlorite	0.649	Paragonite	0.351	214.876	2197.497
CDD001a00242	212.50	213.35	Biotite	0.675	Muscovite	0.325	240.508	2196.129
CDD001a00243	213.35	214.21	FeChlorite	0.618	Paragonite	0.382	182.429	2195.197
CDD001a00244	214.21	215.07	FeChlorite	0.724	Paragonite	0.276	259.243	2196.896
CDD001a00245	215.07	215.92	FeChlorite	0.828	Paragonite	0.172	111.836	2199.584
CDD001a00246	215.92	216.78	FeChlorite	0.624	Paragonite	0.376	98.124	2197.291
CDD001a00247	216.78	217.71	Muscovite	0.589	IntChlorite	0.411	61.039	2210.38
CDD001a00248	217.71	218.64	Illite	0.609	MgChlorite	0.391	62.221	2206.285
CDD001a00249	218.64	219.57	IntChlorite	0.549	Muscovite	0.451	72.106	2210.408
CDD001a00250	219.57	220.49	Illite	0.659	Prehnite	0.341	148.325	2197.444
CDD001a00251	220.49	221.42	IntChlorite	0.589	Muscovite	0.411	70.535	NULL
CDD001a00252	221.42	222.35	Illite	0.664	Prehnite	0.336	196.94	2196.493
CDD001a00253	222.35	223.25	FeChlorite	0.817	Paragonite	0.183	110.602	2198.986
CDD001a00254	223.25	224.14	FeChlorite	0.804	Paragonite	0.196	163.135	2195.478
CDD001a00255	224.14	225.04	Illite	0.549	FeChlorite	0.451	128.465	2197.63
CDD001a00256	225.04	225.93	IntChlorite	0.536	Illite	0.464	234.188	2194.163
CDD001a00257	225.93	226.83	Illite	0.832	Epidote	0.168	182.276	2196.319
CDD001a00258	226.83	227.72	FeChlorite	0.745	Paragonite	0.255	226.048	2197.551
CDD001a00259	227.72	228.61	Paragonite	0.697	Epidote	0.303	135.494	2195.077
CDD001a00260	228.61	229.51	FeChlorite	0.633	Paragonite	0.367	192.824	2196.536
CDD001a00261	229.51	230.40	Biotite	0.699	Paragonite	0.301	204.329	2196.614
CDD001a00262	230.40	231.29	NULL	NULL	NULL	NULL	NULL	2199.17
CDD001a00263	231.29	232.19	FeChlorite	0.57	Paragonite	0.43	159.827	2195.947
CDD001a00264	232.19	233.08	FeChlorite	0.689	Paragonite	0.311	228.495	2195.751
CDD001a00265	233.08	233.99	FeChlorite	0.557	Paragonite	0.443	297.806	2196.138
CDD001a00266	233.99	234.89	Paragonite	1	NULL	NULL	186.406	2197.072
CDD001a00267	234.89	235.80	Illite	0.582	IntChlorite	0.418	160.417	2196.787
CDD001a00268	235.80	236.71	Illite	0.644	Prehnite	0.356	152.566	2196.455
CDD001a00269	236.71	237.61	Illite	0.753	Epidote	0.247	288.669	2195.552
CDD001a00270	237.61	238.52	FeChlorite	0.823	Paragonite	0.177	253.949	2197.817
CDD001a00271	238.52	239.41	Illite	0.591	Prehnite	0.409	135.139	2195.55
CDD001a00272	239.41	240.30	FeChlorite	0.52	Paragonite	0.48	308.207	2193.929
CDD001a00273	240.30	241.19	NULL	NULL	NULL	NULL	NULL	2194.826
CDD001a00274	241.19	242.08	NULL	NULL	NULL	NULL	NULL	2194.527
CDD001a00275	242.08	242.97	Illite	0.571	FeChlorite	0.429	135.232	2198.05
CDD001a00276	242.97	243.86	Illite	0.606	Prehnite	0.394	139.037	2195.872
CDD001a00277	243.86	244.78	Muscovite	0.569	Prehnite	0.431	129.597	2197.114
CDD001a00278	244.78	245.71	Biotite	0.898	Paragonite	0.102	307.152	2192.851
CDD001a00279	245.71	246.63	Biotite	0.924	Paragonite	0.0759	268.925	2195.655
CDD001a00280	246.63	247.55	Illite	0.596	Prehnite	0.404	164.557	2196.89
CDD001a00281	247.55	248.48	FeChlorite	0.604	Paragonite	0.396	258.746	2197.123
CDD001a00282	248.48	249.40	NULL	NULL	NULL	NULL	NULL	2199.448
CDD001a00283	249.40	250.29	Illite	0.516	Prehnite	0.484	202.22	2195.449
CDD001a00284	250.29	251.19	FeChlorite	0.632	Paragonite	0.368	103.584	2199.777
CDD001a00285	251.19	252.08	Biotite	0.755	Paragonite	0.245	165.762	2197.213
CDD001a00286	252.08	252.97	IntChlorite	0.546	Muscovite	0.454	129.854	2200.952
CDD001a00287	252.97	253.87	Muscovite	0.641	Prehnite	0.359	174.417	2196.627
CDD001a00288	253.87	254.76	Illite	1	NULL	NULL	117.825	2197.082
CDD001a00289	254.76	255.62	Muscovite	0.761	Prehnite	0.239	131.741	2197.762
CDD001a00290	255.62	256.47	FeChlorite	0.748	Paragonite	0.252	138.401	2196.996
CDD001a00291	256.47	257.33	FeChlorite	0.538	Muscovite	0.462	545.675	2199.726
CDD001a00292	257.33	258.18	FeChlorite	0.687	Paragonite	0.313	392.504	2195.343
CDD001a00293	258.18	259.04	Prehnite	0.56	Illite	0.44	248.665	2197.471
CDD001a00294	259.04	259.89	NULL	NULL	NULL	NULL	NULL	2197.461
CDD001a00295	259.89	260.77	Illite	1	NULL	NULL	167.217	2196.746
CDD001a00296	260.77	261.65	Biotite	0.661	Paragonite	0.339	325.166	2196.907
CDD001a00297	261.65	262.54	Illite	0.629	Prehnite	0.371	141.526	2197.577
CDD001a00298	262.54	263.42	Illite	0.557	IntChlorite	0.443	126.428	2201.176
CDD001a00299	263.42	264.30	Illite	0.593	MgChlorite	0.407	135.422	2201.648
CDD001a00300	264.30	265.18	Muscovite	0.541	IntChlorite	0.459	105.446	2206.159
CDD001a00301	265.18	266.08	Illite	0.711	Epidote	0.289	230.515	2199.074
CDD001a00302	266.08	266.99	FeChlorite	0.745	Muscovite	0.255	222.26	2198.121
CDD001a00303	266.99	267.89	Illite	0.62	IntChlorite	0.38	97.71	2197.321
CDD001a00304	267.89	268.79	Muscovite	0.54	IntChlorite	0.46	124.394	2202.703
CDD001a00305	268.79	269.70	IntChlorite	0.598	Illite	0.402	71.038	2206.178
CDD001a00306	269.70	270.60	Illite	0.695	MgChlorite	0.305	82.847	2210.074
CDD001a00307	270.60	271.47	Illite	0.589	Phengite	0.411	64.84	2210.641
CDD001a00308	271.47	272.33	Muscovite	0.583	IntChlorite	0.417	124.063	2215.565
CDD001a00309	272.33	273.20	MgChlorite	0.622	Illite	0.378	116.699	2216.836
CDD001a00310	273.20	274.07	Muscovite	0.533	MgChlorite	0.467	141.524	2215.313
CDD001a00311	274.07	274.93	FeChlorite	0.603	Muscovite	0.397	80.614	2203.421
CDD001a00312	274.93	275.80	Muscovite	0.581	IntChlorite	0.419	99.24	2213.159

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Wave_ALOH
CDD001a00313	275.80	276.64	Muscovite	0.572	IntChlorite	0.428	79.403	2215.613
CDD001a00314	276.64	277.49	IntChlorite	0.635	Muscovite	0.365	110.36	2224.595
CDD001a00315	277.49	278.33	MgChlorite	0.64	Illite	0.36	98.852	2211.487
CDD001a00316	278.33	279.17	MgChlorite	0.634	Illite	0.366	93.227	2222.202
CDD001a00317	279.17	280.02	Muscovite	0.641	MgChlorite	0.359	142.245	2211.054
CDD001a00318	280.02	280.86	Illite	0.529	Phengite	0.471	100.643	2211.266
CDD001a00319	280.86	281.74	Muscovite	0.749	IntChlorite	0.251	72.121	2207.32
CDD001a00320	281.74	282.62	IntChlorite	0.702	Muscovite	0.298	154.282	2212.483
CDD001a00321	282.62	283.51	Muscovite	1	NULL	NULL	175.706	2213.24
CDD001a00322	283.51	284.39	Muscovite	1	NULL	NULL	203.973	2214.948
CDD001a00323	284.39	285.27	Illite	0.666	IntChlorite	0.334	69.618	2201.643
CDD001a00324	285.27	286.15	Illite	1	NULL	NULL	35.439	2203.577
CDD001a00325	286.15	286.96	Muscovite	0.697	MgChlorite	0.303	97.763	2214.3
CDD001a00326	286.96	287.77	Illite	0.51	Phengite	0.49	75.072	2212.647
CDD001a00327	287.77	288.58	Muscovite	0.83	Epidote	0.17	159.359	2201.299
CDD001a00328	288.58	289.38	Illite	1	NULL	NULL	130.95	2200.127
CDD001a00329	289.38	290.19	Muscovite	0.648	IntChlorite	0.352	106.628	2207.076
CDD001a00330	290.19	291.00	IntChlorite	0.761	Muscovite	0.239	43.337	NULL
CDD001a00331	291.00	291.87	Muscovite	0.747	MgChlorite	0.253	105.072	2208.463
CDD001a00332	291.87	292.75	Muscovite	0.559	MgChlorite	0.441	108.23	2213.025
CDD001a00333	292.75	293.62	Illite	1	NULL	NULL	231.318	2200.027
CDD001a00334	293.62	294.49	Muscovite	0.886	Epidote	0.114	228.613	2200.113
CDD001a00335	294.49	295.37	Muscovite	0.788	Epidote	0.212	153.58	2204.175
CDD001a00336	295.37	296.24	Illite	0.553	IntChlorite	0.447	157.206	2209.44
CDD001a00337	296.24	297.15	Muscovite	0.747	MgChlorite	0.253	89.998	2209.547
CDD001a00338	297.15	298.06	Illite	1	NULL	NULL	207.885	2205.766
CDD001a00339	298.06	298.97	Muscovite	0.705	Ankerite	0.295	607.967	2200.338
CDD001a00340	298.97	299.88	Illite	0.756	Calcite	0.244	616.08	2198.537
CDD001a00341	299.88	300.79	Illite	0.605	Prehnite	0.395	199.812	2195.661
CDD001a00342	300.79	301.70	Illite	1	NULL	NULL	238.015	2197.224
CDD001a00343	301.70	302.55	FeChlorite	0.703	Muscovite	0.297	219.165	2201.293
CDD001a00344	302.55	303.41	FeChlorite	0.675	Muscovite	0.325	197.04	2201.632
CDD001a00345	303.41	304.26	FeChlorite	0.539	Muscovite	0.461	256.961	2198.339
CDD001a00346	304.26	305.11	Illite	0.553	FeChlorite	0.447	138.308	2196.136
CDD001a00347	305.11	305.97	Illite	0.612	IntChlorite	0.388	124.243	2202.542
CDD001a00348	305.97	306.82	Illite	0.912	Gypsum	0.0876	288.958	2196.816
CDD001a00349	306.82	307.65	FeChlorite	0.616	Paragonite	0.384	232.822	2197.238
CDD001a00350	307.65	308.47	Illite	0.858	NH4_Alunite	0.142	266.524	2198.536
CDD001a00351	308.47	309.30	Muscovite	0.601	IntChlorite	0.399	211.085	2199.158
CDD001a00352	309.30	310.12	FeChlorite	0.64	Paragonite	0.36	178.151	2195.459
CDD001a00353	310.12	310.95	Muscovite	0.667	Paragonite	0.333	299.77	2198.505
CDD001a00354	310.95	311.77	Illite	0.555	IntChlorite	0.445	131.813	2202.022
CDD001a00355	311.77	312.61	FeChlorite	0.686	Muscovite	0.314	261.801	2197.448
CDD001a00356	312.61	313.45	Paragonite	0.619	Prehnite	0.381	428.891	2195.679
CDD001a00357	313.45	314.30	FeChlorite	0.512	Muscovite	0.488	172.355	2198.842
CDD001a00358	314.30	315.14	Muscovite	0.543	IntChlorite	0.457	110.194	2205.238
CDD001a00359	315.14	315.98	Phengite	0.622	Paragonite	0.378	94.191	2208.151
CDD001a00360	315.98	316.82	Illite	1	NULL	NULL	145.889	2201.014
CDD001a00361	316.82	317.62	Muscovite	0.517	IntChlorite	0.483	229.881	2211.655
CDD001a00362	317.62	318.42	Muscovite	0.505	IntChlorite	0.495	103.927	2203.972
CDD001a00363	318.42	319.22	Muscovite	0.573	IntChlorite	0.427	172.439	2205.769
CDD001a00364	319.22	320.01	Illite	1	NULL	NULL	138.056	2198.164
CDD001a00365	320.01	320.81	Paragonite	0.518	IntChlorite	0.482	206.712	2197.991
CDD001a00366	320.81	321.61	Illite	1	NULL	NULL	243.813	2200.385
CDD001a00367	321.61	322.49	Illite	1	NULL	NULL	147.89	2201.546
CDD001a00368	322.49	323.37	Illite	0.628	FeChlorite	0.372	222.37	2196.621
CDD001a00369	323.37	324.25	Illite	1	NULL	NULL	247.186	2199.017
CDD001a00370	324.25	325.12	Muscovite	0.85	Epidote	0.15	417.574	2203.185
CDD001a00371	325.12	326.00	Muscovite	0.808	Epidote	0.192	553.41	2197.555
CDD001a00372	326.00	326.88	Muscovite	0.818	Gibbsite	0.182	345.499	2197.244
CDD001a00373	326.88	327.75	Illite	0.674	Prehnite	0.326	149.607	2195.831
CDD001a00374	327.75	328.63	Illite	0.51	Prehnite	0.49	157.341	2195.414
CDD001a00375	328.63	329.50	Illite	0.533	Prehnite	0.467	192.859	2195.152
CDD001a00376	329.50	330.37	Muscovite	0.508	FeChlorite	0.492	152.526	2199.045
CDD001a00377	330.37	331.25	FeChlorite	0.58	Paragonite	0.42	204.728	2195.75
CDD001a00378	331.25	332.12	Illite	0.63	Prehnite	0.37	183.699	2196.035
CDD001a00379	332.12	333.02	NULL	NULL	NULL	NULL	NULL	2195.983
CDD001a00380	333.02	333.92	FeChlorite	0.582	Paragonite	0.418	259.085	2195.16
CDD001a00381	333.92	334.83	Illite	0.595	Prehnite	0.405	243.893	2196.33
CDD001a00382	334.83	335.73	FeChlorite	0.718	Paragonite	0.282	265.87	2195.488
CDD001a00383	335.73	336.63	Illite	0.53	Prehnite	0.47	278.28	2196.637
CDD001a00384	336.63	337.53	Illite	0.683	Prehnite	0.317	115.599	2195.523
CDD001a00385	337.53	338.27	Muscovite	0.52	Paragonite	0.48	368.928	2195.206