

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD103a00001	0.00	0.87	Kaolinite	0.743	Paragonite	0.257	135.271	1.022	1.593
KLD103a00003	1.73	2.60	Kaolinite	0.766	Paragonite	0.234	46.036	1.055	2.566
KLD103a00004	2.60	3.47	Kaolinite	0.7	Illite	0.3	49.05	1.045	2.813
KLD103a00005	3.47	4.33	Kaolinite	0.656	Illite	0.344	59.834	1.048	2.429
KLD103a00006	4.33	5.20	Kaolinite	0.695	Illite	0.305	34.596	1.06	2.72
KLD103a00007	5.20	6.06	Kaolinite	0.711	Paragonite	0.289	81.095	1.045	2.242
KLD103a00008	6.06	6.92	Muscovite	0.511	Kaolinite	0.489	64.224	1.028	2.192
KLD103a00009	6.92	7.78	Illite	1	NULL	NULL	166.699	1.002	1.649
KLD103a00010	7.78	8.64	Kaolinite	0.715	Paragonite	0.285	136.634	1.04	1.352
KLD103a00011	8.64	9.50	Kaolinite	0.677	Illite	0.323	126.987	1.039	2.029
KLD103a00012	9.50	10.36	Kaolinite	0.588	Illite	0.412	85.555	1.023	1.898
KLD103a00013	10.36	11.16	Kaolinite	1	NULL	NULL	209.121	1.032	1.512
KLD103a00014	11.16	11.96	Kaolinite	1	NULL	NULL	167.305	1.031	1.687
KLD103a00015	11.96	12.76	Kaolinite	0.724	Paragonite	0.276	100.917	1.049	1.608
KLD103a00016	12.76	13.55	Illite	0.855	Gypsum	0.145	348.255	1.006	1.278
KLD103a00017	13.55	14.35	Illite	0.607	Kaolinite	0.393	80.693	1.006	1.742
KLD103a00018	14.35	15.15	Illite	0.524	Kaolinite	0.476	102.752	1.023	1.757
KLD103a00019	15.15	16.07	Muscovite	0.598	Kaolinite	0.402	65.124	1.037	1.655
KLD103a00020	16.07	16.98	Paragonite	0.732	Dickite	0.268	83.357	0.804	1.215
KLD103a00021	16.98	17.90	Kaolinite	0.653	Paragonite	0.347	75.674	1.017	1.789
KLD103a00022	17.90	18.82	Dickite	0.505	Halloysite	0.495	151.958	0.962	2.78
KLD103a00023	18.82	19.73	Halloysite	0.509	Dickite	0.491	154.769	0.997	1.889
KLD103a00024	19.73	20.65	Illite	0.62	Dickite	0.38	124.825	0.931	1.317
KLD103a00025	20.65	21.54	Illite	0.556	Dickite	0.444	130.052	0.875	1.394
KLD103a00026	21.54	22.43	Halloysite	0.514	Dickite	0.486	165.937	0.959	1.613
KLD103a00027	22.43	23.33	Paragonite	0.578	Dickite	0.422	101.167	0.817	1.361
KLD103a00028	23.33	24.22	Dickite	0.517	Halloysite	0.483	166.239	0.989	1.858
KLD103a00029	24.22	25.11	Paragonite	0.573	Dickite	0.427	103.445	0.923	1.225
KLD103a00030	25.11	26.00	Kaolinite	0.591	Paragonite	0.409	130.168	0.975	1.638
KLD103a00031	26.00	26.86	Illite	0.71	Dickite	0.29	136.913	0.844	1.52
KLD103a00032	26.86	27.73	Illite	1	NULL	NULL	102.451	0.874	1.276
KLD103a00033	27.73	28.59	Illite	1	NULL	NULL	186.981	0.896	1.247
KLD103a00034	28.59	29.45	Illite	1	NULL	NULL	105.414	0.875	1.511
KLD103a00035	29.45	30.32	Illite	0.628	MgChlorite	0.372	109.06	0.923	1.453
KLD103a00036	30.32	31.18	Illite	1	NULL	NULL	162.357	0.92	0.91
KLD103a00037	31.18	32.06	Illite	0.675	MgChlorite	0.325	78.137	0.949	1.943
KLD103a00038	32.06	32.94	Phengite	0.526	Illite	0.474	66.466	1.021	1.143
KLD103a00039	32.94	33.82	Muscovite	1	NULL	NULL	117.19	1.029	1.383
KLD103a00040	33.82	34.69	Muscovite	0.8	Paragonite	0.2	44.01	0.977	3.281
KLD103a00041	34.69	35.57	Illite	0.677	MgChlorite	0.323	47.262	0.943	2.013
KLD103a00042	35.57	36.45	Phengite	0.543	Illite	0.457	53.183	1.068	1.232
KLD103a00043	36.45	37.26	Illite	0.789	Halloysite	0.211	86.127	0.983	1.471
KLD103a00044	37.26	38.06	Muscovite	1	NULL	NULL	47.694	1.011	4.308
KLD103a00045	38.06	38.87	Illite	0.747	MgChlorite	0.253	57.268	0.937	1.285
KLD103a00046	38.87	39.67	Illite	1	NULL	NULL	64.191	0.964	2.77
KLD103a00047	39.67	40.48	Muscovite	0.72	Paragonite	0.28	22.83	0.953	2.09
KLD103a00048	40.48	41.28	Illite	1	NULL	NULL	152.656	0.941	0.879
KLD103a00049	41.28	42.19	Illite	0.772	MgChlorite	0.228	43.399	0.966	3.048
KLD103a00050	42.19	43.09	Muscovite	1	NULL	NULL	118.493	1.055	1.114
KLD103a00051	43.09	44.00	Illite	0.542	Phengite	0.458	107.856	0.975	0.981
KLD103a00052	44.00	44.91	Muscovite	0.687	Paragonite	0.313	31.725	0.963	2.172
KLD103a00053	44.91	45.81	Illite	0.673	MgChlorite	0.327	97.235	0.962	2.999
KLD103a00054	45.81	46.72	Illite	0.577	Phengite	0.423	73.901	0.94	1.108
KLD103a00055	46.72	47.59	Phengite	1	NULL	NULL	158.916	1.06	1.161
KLD103a00056	47.59	48.46	Muscovite	0.826	Ankerite	0.174	96.371	1.034	1.86
KLD103a00057	48.46	49.33	Muscovite	0.814	Ankerite	0.186	92.053	1.024	1.619
KLD103a00058	49.33	50.20	Illite	1	NULL	NULL	77.745	0.949	1.953
KLD103a00059	50.20	51.07	Phengite	0.553	Illite	0.447	75.236	1.007	1.322
KLD103a00060	51.07	51.94	Muscovite	1	NULL	NULL	34.339	1.036	6.475
KLD103a00061	51.94	52.83	Muscovite	1	NULL	NULL	129.044	1.036	1.308
KLD103a00062	52.83	53.72	Phengite	1	NULL	NULL	135.438	1.029	1.162
KLD103a00063	53.72	54.61	Muscovite	1	NULL	NULL	156.635	1.055	1.299
KLD103a00064	54.61	55.49	Muscovite	1	NULL	NULL	181.369	1.029	0.981
KLD103a00065	55.49	56.38	Phengite	0.688	Illite	0.312	106.478	1.049	0.915
KLD103a00066	56.38	57.27	Phengite	0.693	Illite	0.307	115.857	1.03	1.23
KLD103a00067	57.27	58.20	Muscovite	0.76	Paragonite	0.24	30.732	0.995	3.574
KLD103a00068	58.20	59.13	Muscovite	0.828	Ankerite	0.172	82.019	0.971	1.884
KLD103a00069	59.13	60.06	Illite	1	NULL	NULL	106.538	0.978	1.841
KLD103a00070	60.06	60.98	Illite	1	NULL	NULL	137.12	0.992	1.075
KLD103a00071	60.98	61.91	Muscovite	1	NULL	NULL	171.226	1.018	1.015
KLD103a00072	61.91	62.84	Phengite	1	NULL	NULL	201.226	1.052	0.854
KLD103a00073	62.84	63.76	Muscovite	1	NULL	NULL	180.296	1.008	0.627
KLD103a00074	63.76	64.68	Phengite	1	NULL	NULL	151.148	1.023	0.843
KLD103a00075	64.68	65.60	Muscovite	0.51	Phengite	0.49	222.982	1.017	0.646
KLD103a00076	65.60	66.51	Phengite	1	NULL	NULL	173.052	1.033	0.817
KLD103a00077	66.51	67.43	Phengite	1	NULL	NULL	142.449	1.03	1.098
KLD103a00078	67.43	68.35	Phengite	1	NULL	NULL	149.854	1.045	0.901
KLD103a00079	68.35	69.22	Phengite	1	NULL	NULL	149.291	1.057	1.306

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD103a00080	69.22	70.08	Muscovite	1	NULL	NULL	120.334	1.002	1.666
KLD103a00081	70.08	70.95	Muscovite	0.813	Paragonite	0.187	25.224	0.961	4.343
KLD103a00082	70.95	71.82	Muscovite	1	NULL	NULL	152.842	1.04	1.24
KLD103a00083	71.82	72.68	Phengite	1	NULL	NULL	147.099	1.076	1.186
KLD103a00084	72.68	73.55	Phengite	1	NULL	NULL	191.753	1.03	0.92
KLD103a00085	73.55	74.48	Phengite	1	NULL	NULL	235.903	1.052	0.924
KLD103a00086	74.48	75.40	Muscovite	1	NULL	NULL	197.488	1.046	0.708
KLD103a00087	75.40	76.33	Muscovite	0.908	Gypsum	0.0923	303.723	1.028	0.482
KLD103a00088	76.33	77.26	Muscovite	0.869	Gypsum	0.131	198.498	1.046	0.646
KLD103a00089	77.26	78.18	Muscovite	1	NULL	NULL	193.59	1.039	0.885
KLD103a00090	78.18	79.11	Muscovite	1	NULL	NULL	160.223	1.039	0.773
KLD103a00091	79.11	80.04	Muscovite	1	NULL	NULL	176.865	1.039	0.949
KLD103a00092	80.04	80.97	Muscovite	1	NULL	NULL	179.143	1.058	0.77
KLD103a00093	80.97	81.90	Muscovite	1	NULL	NULL	234.959	1.034	1.836
KLD103a00094	81.90	82.83	Muscovite	1	NULL	NULL	205.878	1.025	0.96
KLD103a00095	82.83	83.76	Muscovite	0.733	MgChlorite	0.267	78.661	0.985	2.469
KLD103a00096	83.76	84.69	Muscovite	1	NULL	NULL	208.173	1.042	0.673
KLD103a00097	84.69	85.59	Muscovite	1	NULL	NULL	102.285	1.022	2.437
KLD103a00098	85.59	86.49	Muscovite	1	NULL	NULL	89.247	1.049	1.986
KLD103a00099	86.49	87.40	Muscovite	1	NULL	NULL	139.854	1.035	1.016
KLD103a00100	87.40	88.30	Phengite	1	NULL	NULL	149.013	1.041	0.72
KLD103a00101	88.30	89.20	Muscovite	1	NULL	NULL	131.059	1.056	1.226
KLD103a00102	89.20	90.10	Muscovite	1	NULL	NULL	170.113	1.045	0.843
KLD103a00103	90.10	91.03	Phengite	1	NULL	NULL	125.419	1.032	1.033
KLD103a00104	91.03	91.95	Phengite	1	NULL	NULL	153.579	1.042	0.903
KLD103a00105	91.95	92.88	Muscovite	1	NULL	NULL	150.219	1.038	1.309
KLD103a00106	92.88	93.81	Muscovite	1	NULL	NULL	110.748	1.058	1.674
KLD103a00107	93.81	94.73	Muscovite	1	NULL	NULL	97.38	1.043	1.757
KLD103a00108	94.73	95.66	Phengite	0.623	Illite	0.377	57.849	1.026	1.616
KLD103a00109	95.66	96.59	Muscovite	1	NULL	NULL	75.574	1.029	2.394
KLD103a00110	96.59	97.51	Muscovite	0.717	IntChlorite	0.283	92.076	0.994	1.695
KLD103a00111	97.51	98.44	Muscovite	0.706	MgChlorite	0.294	94.442	1.018	1.453
KLD103a00112	98.44	99.37	Phengite	0.619	Illite	0.381	51.799	1.007	1.389
KLD103a00113	99.37	100.29	Muscovite	0.772	Paragonite	0.228	21.844	0.988	3.196
KLD103a00114	100.29	101.22	Muscovite	0.707	Paragonite	0.293	20.215	0.98	2.773
KLD103a00115	101.22	102.13	Illite	1	NULL	NULL	75.484	0.926	1.435
KLD103a00116	102.13	103.04	Muscovite	0.638	Paragonite	0.362	28.48	0.948	2.867
KLD103a00117	103.04	103.95	Illite	1	NULL	NULL	66.013	0.952	1.711
KLD103a00118	103.95	104.85	Muscovite	0.619	Paragonite	0.381	27.884	0.932	2.235
KLD103a00119	104.85	105.76	Illite	1	NULL	NULL	65.685	0.946	1.872
KLD103a00120	105.76	106.67	Muscovite	0.756	Paragonite	0.244	39.44	0.99	3.156
KLD103a00121	106.67	107.52	Illite	1	NULL	NULL	47.334	0.932	2.335
KLD103a00122	107.52	108.36	Muscovite	1	NULL	NULL	64.259	0.982	2.165
KLD103a00123	108.36	109.21	Illite	1	NULL	NULL	84.252	0.966	1.208
KLD103a00124	109.21	110.06	Muscovite	0.876	Gypsum	0.124	154.505	1.044	0.859
KLD103a00125	110.06	110.90	Phengite	0.514	Paragonite	0.486	32.385	0.926	2.448
KLD103a00126	110.90	111.75	Phengite	0.504	Paragonite	0.496	38.006	0.946	2.369
KLD103a00127	111.75	112.61	Illite	1	NULL	NULL	89.079	0.976	1.404
KLD103a00128	112.61	113.47	Illite	0.633	MgChlorite	0.367	115.012	0.966	1.166
KLD103a00129	113.47	114.33	Muscovite	1	NULL	NULL	143.477	0.993	1.082
KLD103a00130	114.33	115.18	Muscovite	1	NULL	NULL	147.248	1.042	1.235
KLD103a00131	115.18	116.04	Muscovite	0.923	Gypsum	0.0774	243.59	1.008	0.852
KLD103a00132	116.04	116.90	Muscovite	0.524	Phengite	0.476	71.807	1.036	1.596
KLD103a00133	116.90	117.79	Muscovite	1	NULL	NULL	132.096	1.051	1.343
KLD103a00134	117.79	118.68	Muscovite	1	NULL	NULL	152.992	0.992	1.395
KLD103a00135	118.68	119.58	Muscovite	0.696	IntChlorite	0.304	92.367	0.994	1.183
KLD103a00136	119.58	120.47	Muscovite	1	NULL	NULL	69.91	0.995	2.893
KLD103a00137	120.47	121.36	Muscovite	1	NULL	NULL	55.582	1.006	2.424
KLD103a00138	121.36	122.25	Illite	1	NULL	NULL	92.361	0.971	1.329
KLD103a00139	122.25	123.09	MgChlorite	0.755	Illite	0.245	134.044	1.015	0.661
KLD103a00140	123.09	123.93	Serpentine	0.589	Illite	0.411	132.808	1.021	0.701
KLD103a00141	123.93	124.78	NULL	NULL	NULL	NULL	NULL	0.99	1.183
KLD103a00142	124.78	125.62	Illite	1	NULL	NULL	201.567	0.975	1.056
KLD103a00143	125.62	126.46	Muscovite	0.627	IntChlorite	0.373	115.377	1.001	1.814
KLD103a00144	126.46	127.30	Muscovite	0.755	MgChlorite	0.245	73.902	1.004	1.379
KLD103a00145	127.30	128.20	Muscovite	0.82	Ankerite	0.18	78.298	1.015	1.571
KLD103a00146	128.20	129.10	Muscovite	1	NULL	NULL	144.44	0.989	1.649
KLD103a00147	129.10	130.00	Muscovite	1	NULL	NULL	133.158	1.01	1.227
KLD103a00148	130.00	130.89	Muscovite	0.761	Ankerite	0.239	120.129	1.026	1.163
KLD103a00149	130.89	131.79	Muscovite	1	NULL	NULL	108.386	1.011	3.374
KLD103a00150	131.79	132.69	Muscovite	1	NULL	NULL	95.828	0.992	2.855
KLD103a00151	132.69	133.58	Muscovite	1	NULL	NULL	151.882	1.021	1.301
KLD103a00152	133.58	134.46	Muscovite	1	NULL	NULL	159.182	1.031	1.758
KLD103a00153	134.46	135.35	Muscovite	1	NULL	NULL	173.543	1.041	1.467
KLD103a00154	135.35	136.23	Muscovite	1	NULL	NULL	111.075	0.999	1.715
KLD103a00155	136.23	137.12	Muscovite	1	NULL	NULL	82.313	0.991	3.871
KLD103a00156	137.12	138.00	Muscovite	1	NULL	NULL	50.126	0.999	4.577
KLD103a00157	138.00	138.90	Muscovite	1	NULL	NULL	106.919	0.97	2.151

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD103a00158	138.90	139.80	Muscovite	1	NULL	NULL	133.827	0.988	1.088
KLD103a00159	139.80	140.71	Muscovite	1	NULL	NULL	210.348	1.015	1.197
KLD103a00160	140.71	141.61	Muscovite	1	NULL	NULL	206.28	1.029	0.899
KLD103a00161	141.61	142.51	Muscovite	0.875	Gypsum	0.125	436.734	1.019	0.454
KLD103a00162	142.51	143.41	Phengite	1	NULL	NULL	196.418	1.032	0.916
KLD103a00163	143.41	144.29	Muscovite	1	NULL	NULL	191.303	1.027	0.838
KLD103a00164	144.29	145.17	Phengite	1	NULL	NULL	202.03	1.042	0.933
KLD103a00165	145.17	146.06	Phengite	1	NULL	NULL	197.464	1.027	1.168
KLD103a00166	146.06	146.94	Muscovite	1	NULL	NULL	196.502	1.037	1.097
KLD103a00167	146.94	147.82	Phengite	1	NULL	NULL	237.904	1.025	0.76
KLD103a00168	147.82	148.70	Muscovite	1	NULL	NULL	207.254	1.023	0.746
KLD103a00169	148.70	149.58	Phengite	1	NULL	NULL	241.799	1.03	0.872
KLD103a00170	149.58	150.45	Muscovite	0.554	Phengite	0.446	269.833	1.014	0.688
KLD103a00171	150.45	151.33	Phengite	1	NULL	NULL	200.164	1.009	0.728
KLD103a00172	151.33	152.21	Muscovite	1	NULL	NULL	96.234	1.003	1.389
KLD103a00173	152.21	153.08	Muscovite	1	NULL	NULL	200.552	1.05	0.906
KLD103a00174	153.08	153.96	Muscovite	1	NULL	NULL	145.951	1.033	1.261
KLD103a00175	153.96	154.85	Phengite	1	NULL	NULL	140.722	1.026	0.966
KLD103a00176	154.85	155.74	Phengite	0.619	Illite	0.381	133.356	1.014	0.771
KLD103a00177	155.74	156.64	Phengite	1	NULL	NULL	139	1.042	1.521
KLD103a00178	156.64	157.53	Muscovite	1	NULL	NULL	64.9	0.977	3.277
KLD103a00179	157.53	158.42	Muscovite	1	NULL	NULL	75.65	0.989	1.997
KLD103a00180	158.42	159.31	Muscovite	1	NULL	NULL	75.97	0.98	1.95
KLD103a00181	159.31	160.21	Phengite	1	NULL	NULL	149.94	1.028	1.212
KLD103a00182	160.21	161.10	Phengite	1	NULL	NULL	169.286	1.034	0.99
KLD103a00183	161.10	162.00	Phengite	1	NULL	NULL	197.499	1.04	0.966
KLD103a00184	162.00	162.89	Phengite	1	NULL	NULL	170.178	1.028	1.191
KLD103a00185	162.89	163.79	Muscovite	1	NULL	NULL	136.786	1.064	1.117
KLD103a00186	163.79	164.68	Muscovite	0.775	MgChlorite	0.225	54.328	0.967	2.81
KLD103a00187	164.68	165.57	Illite	1	NULL	NULL	135.129	0.966	1.559
KLD103a00188	165.57	166.45	Muscovite	1	NULL	NULL	157.306	1.006	1.241
KLD103a00189	166.45	167.34	Muscovite	1	NULL	NULL	212.392	1.018	0.94
KLD103a00190	167.34	168.23	Phengite	1	NULL	NULL	221.765	1.022	0.921
KLD103a00191	168.23	169.11	Muscovite	1	NULL	NULL	197.951	1.035	1.042
KLD103a00192	169.11	170.00	Illite	1	NULL	NULL	78.769	0.934	1.268
KLD103a00193	170.00	170.90	Illite	0.669	MgChlorite	0.331	87.533	0.957	1.468
KLD103a00194	170.90	171.79	Muscovite	1	NULL	NULL	130.775	1.024	1.217
KLD103a00195	171.79	172.69	Muscovite	1	NULL	NULL	177.747	1.034	1.042
KLD103a00196	172.69	173.59	Phengite	1	NULL	NULL	216.515	1.034	1.126
KLD103a00197	173.59	174.48	Phengite	0.686	Illite	0.314	76.595	1.035	1.256
KLD103a00198	174.48	175.38	Muscovite	1	NULL	NULL	183.743	1.022	1.16
KLD103a00199	175.38	176.26	Phengite	1	NULL	NULL	161.644	1.044	0.894
KLD103a00200	176.26	177.13	Phengite	1	NULL	NULL	193.6	1.038	1.003
KLD103a00201	177.13	178.01	Muscovite	1	NULL	NULL	151.956	1.029	0.999
KLD103a00202	178.01	178.88	Muscovite	1	NULL	NULL	191.398	1.069	0.965
KLD103a00203	178.88	179.76	Muscovite	1	NULL	NULL	132.883	1.02	0.951
KLD103a00204	179.76	180.63	Muscovite	1	NULL	NULL	200.818	1.011	0.973
KLD103a00205	180.63	181.53	Muscovite	1	NULL	NULL	204.916	1.036	1.073
KLD103a00206	181.53	182.42	Muscovite	1	NULL	NULL	203.188	1.044	0.997
KLD103a00207	182.42	183.32	Muscovite	1	NULL	NULL	186.879	1.019	0.861
KLD103a00208	183.32	184.21	Muscovite	1	NULL	NULL	159.859	1.006	0.979
KLD103a00209	184.21	185.11	Muscovite	1	NULL	NULL	126.281	0.984	1.052
KLD103a00210	185.11	186.00	Illite	0.658	MgChlorite	0.342	102.876	0.976	1.14
KLD103a00211	186.00	186.87	Phengite	0.616	Illite	0.384	73.176	1.015	1.229
KLD103a00212	186.87	187.74	Muscovite	1	NULL	NULL	149.796	1	1.058
KLD103a00213	187.74	188.61	Muscovite	1	NULL	NULL	118.653	0.995	1.886
KLD103a00214	188.61	189.47	Muscovite	1	NULL	NULL	153.635	1.017	0.951
KLD103a00215	189.47	190.34	Illite	1	NULL	NULL	99.572	0.944	1.189
KLD103a00216	190.34	191.21	Muscovite	0.516	IntChlorite	0.484	101.623	1.014	1.561
KLD103a00217	191.21	192.14	Muscovite	1	NULL	NULL	85.169	0.954	1.92
KLD103a00218	192.14	193.07	Muscovite	1	NULL	NULL	77.687	0.966	2.734
KLD103a00219	193.07	194.01	Muscovite	1	NULL	NULL	120.245	0.984	1.145
KLD103a00220	194.01	194.94	Muscovite	1	NULL	NULL	120.735	1.043	1.03
KLD103a00221	194.94	195.87	Muscovite	1	NULL	NULL	224.586	1.001	1.059
KLD103a00222	195.87	196.80	Muscovite	0.725	Ankerite	0.275	124.105	1.023	1.241
KLD103a00223	196.80	197.61	Muscovite	1	NULL	NULL	107.53	0.932	1.312
KLD103a00224	197.61	198.42	Muscovite	0.748	MgChlorite	0.252	87.176	0.985	1.046
KLD103a00225	198.42	199.24	Muscovite	0.648	MgChlorite	0.352	92.735	1.007	1.464
KLD103a00226	199.24	200.05	FeChlorite	0.668	Muscovite	0.332	104.345	1.021	1.749
KLD103a00227	200.05	200.86	NULL	NULL	NULL	NULL	NULL	1.037	1.934
KLD103a00228	200.86	201.67	MgChlorite	1	NULL	NULL	131.765	1.014	1.885
KLD103a00229	201.67	202.56	Phlogopite2	0.551	Muscovite	0.449	184.766	1.002	1.391
KLD103a00230	202.56	203.45	Phlogopite2	0.68	Brucite	0.32	243.2	1.017	0.569
KLD103a00231	203.45	204.34	NULL	NULL	NULL	NULL	NULL	1.002	0.903
KLD103a00232	204.34	205.22	NULL	NULL	NULL	NULL	NULL	1	1.714
KLD103a00233	205.22	206.11	NULL	NULL	NULL	NULL	NULL	0.992	0.885
KLD103a00234	206.11	207.00	FeChlorite	0.717	Prehnite	0.283	102.113	0.997	0.808
KLD103a00235	207.00	207.95	NULL	NULL	NULL	NULL	NULL	1.003	0.307

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD103a00236	207.95	208.90	NULL	NULL	NULL	NULL	NULL	0.99	0.898
KLD103a00237	208.90	209.85	NULL	NULL	NULL	NULL	NULL	1.027	0.967
KLD103a00238	209.85	210.80	NULL	NULL	NULL	NULL	NULL	0.995	0.872
KLD103a00239	210.80	211.75	NULL	NULL	NULL	NULL	NULL	1.015	0.667
KLD103a00240	211.75	212.70	FeChlorite	0.767	Illite	0.233	255.167	1.011	0.766
KLD103a00241	212.70	213.58	NULL	NULL	NULL	NULL	NULL	1.018	1.122
KLD103a00242	213.58	214.47	FeChlorite	1	NULL	NULL	106.138	1.008	1.896
KLD103a00243	214.47	215.35	FeChlorite	0.671	Muscovite	0.329	85.88	1.048	2.02
KLD103a00244	215.35	216.23	FeChlorite	0.779	Paragonite	0.221	83.77	0.999	2.048
KLD103a00245	216.23	217.12	FeChlorite	1	NULL	NULL	96.442	1.015	1.798
KLD103a00246	217.12	218.00	FeChlorite	0.772	Illite	0.228	67.957	0.969	2.083
KLD103a00247	218.00	218.90	FeChlorite	0.751	Muscovite	0.249	88.313	1.009	1.493
KLD103a00248	218.90	219.80	FeChlorite	0.788	Paragonite	0.212	46.925	0.984	2.03
KLD103a00249	219.80	220.70	FeChlorite	0.675	Paragonite	0.325	85.804	0.987	1.181
KLD103a00250	220.70	221.60	FeChlorite	1	NULL	NULL	199.52	0.999	1.837
KLD103a00251	221.60	222.50	FeChlorite	1	NULL	NULL	130.256	0.971	NULL
KLD103a00252	222.50	223.40	FeChlorite	1	NULL	NULL	154.259	1.008	1.817
KLD103a00253	223.40	224.29	NULL	NULL	NULL	NULL	NULL	0.985	1.681
KLD103a00254	224.29	225.18	NULL	NULL	NULL	NULL	NULL	1.012	1.167
KLD103a00255	225.18	226.07	Topaz	1	NULL	NULL	225.005	0.984	1.349
KLD103a00256	226.07	226.96	FeChlorite	1	NULL	NULL	170.343	0.976	1.688
KLD103a00257	226.96	227.85	FeChlorite	1	NULL	NULL	176.178	0.997	0.502
KLD103a00258	227.85	228.74	NULL	NULL	NULL	NULL	NULL	1.014	0.977
KLD103a00259	228.74	229.64	NULL	NULL	NULL	NULL	NULL	1.024	2.239
KLD103a00260	229.64	230.55	FeChlorite	0.785	Paragonite	0.215	253.344	0.997	1.821
KLD103a00261	230.55	231.45	FeChlorite	1	NULL	NULL	114.948	1.026	1.354
KLD103a00262	231.45	232.35	FeChlorite	0.588	Muscovite	0.412	210.122	1.035	2.531
KLD103a00263	232.35	233.26	NULL	NULL	NULL	NULL	NULL	1.021	0.772
KLD103a00264	233.26	234.16	NULL	NULL	NULL	NULL	NULL	1.036	1.623
KLD103a00265	234.16	235.08	IntChlorite	0.654	Paragonite	0.346	176.892	1.018	2.562
KLD103a00266	235.08	236.01	FeChlorite	1	NULL	NULL	203.491	1.017	1.335
KLD103a00267	236.01	236.93	NULL	NULL	NULL	NULL	NULL	1.032	1.506
KLD103a00268	236.93	237.85	Muscovite	0.554	Epidote	0.446	117.881	0.991	1.047
KLD103a00269	237.85	238.78	NULL	NULL	NULL	NULL	NULL	1.015	1.215
KLD103a00270	238.78	239.70	NULL	NULL	NULL	NULL	NULL	1.032	1.221
KLD103a00271	239.70	240.58	IntChlorite	1	NULL	NULL	183.836	1.024	1.334
KLD103a00272	240.58	241.47	FeChlorite	1	NULL	NULL	176.271	0.985	NULL
KLD103a00273	241.47	242.35	NULL	NULL	NULL	NULL	NULL	1.009	1.241
KLD103a00274	242.35	243.23	FeChlorite	0.749	Prehnite	0.251	77.591	1.01	NULL
KLD103a00275	243.23	244.12	NULL	NULL	NULL	NULL	NULL	1.01	1.291
KLD103a00276	244.12	245.00	FeChlorite	1	NULL	NULL	145.299	0.972	1.145
KLD103a00277	245.00	245.83	FeChlorite	0.79	Paragonite	0.21	283.154	1.024	0.693
KLD103a00278	245.83	246.67	NULL	NULL	NULL	NULL	NULL	1.014	1.116
KLD103a00279	246.67	247.50	FeChlorite	1	NULL	NULL	221.052	0.995	0.923
KLD103a00280	247.50	248.33	FeChlorite	1	NULL	NULL	164.977	1.007	1.761
KLD103a00281	248.33	249.17	NULL	NULL	NULL	NULL	NULL	1.005	1.256
KLD103a00282	249.17	250.00	NULL	NULL	NULL	NULL	NULL	0.995	1.113
KLD103a00283	250.00	250.88	FeChlorite	1	NULL	NULL	101.259	1.023	0.687
KLD103a00284	250.88	251.77	NULL	NULL	NULL	NULL	NULL	1.005	NULL
KLD103a00285	251.77	252.65	FeChlorite	1	NULL	NULL	229.835	1.001	0.725
KLD103a00286	252.65	253.53	FeChlorite	1	NULL	NULL	146.617	1.007	1.089
KLD103a00287	253.53	254.42	NULL	NULL	NULL	NULL	NULL	1.007	1.177
KLD103a00288	254.42	255.30	NULL	NULL	NULL	NULL	NULL	0.989	1.043
KLD103a00289	255.30	256.23	NULL	NULL	NULL	NULL	NULL	1.017	1.193
KLD103a00290	256.23	257.16	Phlogopite2	1	NULL	NULL	150.473	0.972	0.639
KLD103a00291	257.16	258.10	NULL	NULL	NULL	NULL	NULL	0.979	0.648
KLD103a00292	258.10	259.03	FeChlorite	1	NULL	NULL	185.658	1.03	1.213
KLD103a00293	259.03	259.96	NULL	NULL	NULL	NULL	NULL	1.028	1.451
KLD103a00294	259.96	260.89	FeChlorite	1	NULL	NULL	207	0.971	NULL
KLD103a00295	260.89	261.76	NULL	NULL	NULL	NULL	NULL	0.965	1.09
KLD103a00296	261.76	262.63	NULL	NULL	NULL	NULL	NULL	0.992	0.576
KLD103a00297	262.63	263.51	NULL	NULL	NULL	NULL	NULL	0.984	0.829
KLD103a00298	263.51	264.38	NULL	NULL	NULL	NULL	NULL	1.007	0.892
KLD103a00299	264.38	265.25	NULL	NULL	NULL	NULL	NULL	1.032	1.3
KLD103a00300	265.25	266.12	Phlogopite2	1	NULL	NULL	146.195	1.039	NULL
KLD103a00301	266.12	266.97	NULL	NULL	NULL	NULL	NULL	1.014	0.769
KLD103a00302	266.97	267.81	NULL	NULL	NULL	NULL	NULL	1.016	0.923
KLD103a00303	267.81	268.66	FeChlorite	1	NULL	NULL	45	1.002	0.981
KLD103a00304	268.66	269.50	NULL	NULL	NULL	NULL	NULL	0.986	0.927
KLD103a00305	269.50	270.35	Phlogopite2	0.606	Prehnite	0.394	181.479	1.008	0.365
KLD103a00306	270.35	271.19	IntChlorite	0.692	Prehnite	0.308	201.866	1.014	0.301
KLD103a00307	271.19	272.02	NULL	NULL	NULL	NULL	NULL	1.021	1.119
KLD103a00308	272.02	272.84	NULL	NULL	NULL	NULL	NULL	1.038	1.013
KLD103a00309	272.84	273.67	IntChlorite	1	NULL	NULL	173.509	1.008	0.497
KLD103a00310	273.67	274.50	NULL	NULL	NULL	NULL	NULL	0.994	0.988
KLD103a00311	274.50	275.32	NULL	NULL	NULL	NULL	NULL	1.039	NULL
KLD103a00312	275.32	276.15	NULL	NULL	NULL	NULL	NULL	0.989	0.811
KLD103a00313	276.15	277.03	NULL	NULL	NULL	NULL	NULL	1.028	0.816

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD103a00314	277.03	277.90	Prehnite	0.549	MgChlorite	0.451	78.805	1.01	NULL
KLD103a00315	277.90	278.78	NULL	NULL	NULL	NULL	NULL	1.005	0.935
KLD103a00316	278.78	279.65	NULL	NULL	NULL	NULL	NULL	1.01	0.92
KLD103a00317	279.65	280.53	NULL	NULL	NULL	NULL	NULL	1.016	0.584
KLD103a00318	280.53	281.40	Phlogopite2	0.511	Prehnite	0.489	41.826	1.004	0.974
KLD103a00319	281.40	282.31	Prehnite	0.534	Muscovite	0.466	78.438	1.012	1.333
KLD103a00320	282.31	283.22	Prehnite	1	NULL	NULL	50.996	0.987	0.879
KLD103a00321	283.22	284.13	FeChlorite	1	NULL	NULL	130.112	1.017	0.846
KLD103a00322	284.13	285.03	NULL	NULL	NULL	NULL	NULL	0.991	0.885
KLD103a00323	285.03	285.94	NULL	NULL	NULL	NULL	NULL	1.002	0.883
KLD103a00324	285.94	286.85	Phlogopite2	1	NULL	NULL	26.254	1.007	0.987
KLD103a00325	286.85	287.72	NULL	NULL	NULL	NULL	NULL	1.004	NULL
KLD103a00326	287.72	288.59	NULL	NULL	NULL	NULL	NULL	0.984	0.825
KLD103a00327	288.59	289.46	NULL	NULL	NULL	NULL	NULL	0.989	0.816
KLD103a00328	289.46	290.33	NULL	NULL	NULL	NULL	NULL	1	0.846
KLD103a00329	290.33	291.20	NULL	NULL	NULL	NULL	NULL	0.994	1.022
KLD103a00330	291.20	292.07	NULL	NULL	NULL	NULL	NULL	0.987	1.094
KLD103a00331	292.07	292.87	NULL	NULL	NULL	NULL	NULL	1.026	0.923
KLD103a00332	292.87	293.66	NULL	NULL	NULL	NULL	NULL	1.003	1.361
KLD103a00333	293.66	294.46	FeChlorite	0.715	Muscovite	0.285	377.169	1.002	0.508
KLD103a00334	294.46	295.25	IntChlorite	1	NULL	NULL	200.788	1	0.369
KLD103a00335	295.25	296.05	NULL	NULL	NULL	NULL	NULL	1.005	0.577
KLD103a00336	296.05	296.84	NULL	NULL	NULL	NULL	NULL	1.003	1.181
KLD103a00337	296.84	297.72	NULL	NULL	NULL	NULL	NULL	1.026	1.029
KLD103a00338	297.72	298.61	NULL	NULL	NULL	NULL	NULL	1.005	1.2
KLD103a00339	298.61	299.49	NULL	NULL	NULL	NULL	NULL	1.001	NULL
KLD103a00340	299.49	300.37	NULL	NULL	NULL	NULL	NULL	1.017	1.084
KLD103a00341	300.37	301.26	NULL	NULL	NULL	NULL	NULL	0.982	1.208
KLD103a00342	301.26	302.14	NULL	NULL	NULL	NULL	NULL	1.009	1.391
KLD103a00343	302.14	303.03	NULL	NULL	NULL	NULL	NULL	1.017	0.789
KLD103a00344	303.03	303.93	Prehnite	1	NULL	NULL	41.814	1.02	0.997
KLD103a00345	303.93	304.82	NULL	NULL	NULL	NULL	NULL	0.989	0.941
KLD103a00346	304.82	305.71	NULL	NULL	NULL	NULL	NULL	1.015	0.977
KLD103a00347	305.71	306.61	NULL	NULL	NULL	NULL	NULL	0.99	0.828
KLD103a00348	306.61	307.50	NULL	NULL	NULL	NULL	NULL	0.974	0.886
KLD103a00349	307.50	308.34	NULL	NULL	NULL	NULL	NULL	1.047	0.924
KLD103a00350	308.34	309.18	NULL	NULL	NULL	NULL	NULL	0.994	0.912
KLD103a00351	309.18	310.03	NULL	NULL	NULL	NULL	NULL	0.994	0.797
KLD103a00352	310.03	310.87	NULL	NULL	NULL	NULL	NULL	0.994	NULL
KLD103a00353	310.87	311.71	NULL	NULL	NULL	NULL	NULL	0.996	0.946
KLD103a00354	311.71	312.55	NULL	NULL	NULL	NULL	NULL	1.034	0.925
KLD103a00355	312.55	313.43	NULL	NULL	NULL	NULL	NULL	1.033	0.634
KLD103a00356	313.43	314.30	NULL	NULL	NULL	NULL	NULL	1.052	1.143
KLD103a00357	314.30	315.18	Phlogopite2	1	NULL	NULL	37.263	1.046	0.981
KLD103a00358	315.18	316.05	NULL	NULL	NULL	NULL	NULL	1.014	0.803
KLD103a00359	316.05	316.93	NULL	NULL	NULL	NULL	NULL	0.992	0.844
KLD103a00360	316.93	317.80	NULL	NULL	NULL	NULL	NULL	0.968	0.86
KLD103a00361	317.80	318.63	NULL	NULL	NULL	NULL	NULL	0.999	0.88
KLD103a00362	318.63	319.46	NULL	NULL	NULL	NULL	NULL	1.006	0.976
KLD103a00363	319.46	320.29	NULL	NULL	NULL	NULL	NULL	0.973	0.911
KLD103a00364	320.29	321.12	NULL	NULL	NULL	NULL	NULL	0.982	0.914
KLD103a00365	321.12	321.95	NULL	NULL	NULL	NULL	NULL	1.014	0.881
KLD103a00366	321.95	322.78	NULL	NULL	NULL	NULL	NULL	0.975	0.789
KLD103a00367	322.78	323.60	NULL	NULL	NULL	NULL	NULL	1.002	0.959
KLD103a00368	323.60	324.41	NULL	NULL	NULL	NULL	NULL	0.992	0.828
KLD103a00369	324.41	325.23	NULL	NULL	NULL	NULL	NULL	0.979	1.062
KLD103a00370	325.23	326.04	NULL	NULL	NULL	NULL	NULL	0.981	1.11
KLD103a00371	326.04	326.86	NULL	NULL	NULL	NULL	NULL	0.958	NULL
KLD103a00372	326.86	327.67	Muscovite	1	NULL	NULL	130.679	1.057	1.24
KLD103a00373	327.67	328.58	Muscovite	0.688	MgChlorite	0.312	102.028	1.01	1.217
KLD103a00374	328.58	329.48	Muscovite	1	NULL	NULL	60.135	0.955	1.691
KLD103a00375	329.48	330.39	Muscovite	0.724	Paragonite	0.276	25.798	0.961	2.475
KLD103a00376	330.39	331.29	Illite	0.734	MgChlorite	0.266	53.665	0.989	3.567
KLD103a00377	331.29	332.20	Illite	1	NULL	NULL	40.211	0.971	2.341
KLD103a00378	332.20	333.10	Illite	1	NULL	NULL	31.177	0.954	2.712
KLD103a00379	333.10	334.00	Illite	1	NULL	NULL	42.132	0.972	2.111
KLD103a00380	334.00	334.90	Illite	0.772	Phengite	0.228	29.121	0.961	2.47
KLD103a00381	334.90	335.80	Illite	1	NULL	NULL	48.027	0.977	3.259
KLD103a00382	335.80	336.70	Muscovite	0.666	Paragonite	0.334	20.778	0.966	2.562
KLD103a00383	336.70	337.60	Muscovite	0.618	Paragonite	0.382	36.961	0.989	2.833
KLD103a00384	337.60	338.50	Illite	0.652	Paragonite	0.348	18.395	0.957	1.891
KLD103a00385	338.50	339.38	Muscovite	0.63	Paragonite	0.37	69.901	0.985	2.113
KLD103a00386	339.38	340.25	Muscovite	0.671	Paragonite	0.329	51.374	0.993	1.452
KLD103a00387	340.25	341.13	Muscovite	1	NULL	NULL	36.528	1.002	1.393
KLD103a00388	341.13	342.01	Muscovite	0.754	Paragonite	0.246	28.014	0.968	2.648
KLD103a00389	342.01	342.88	Illite	1	NULL	NULL	40.954	0.975	1.284
KLD103a00390	342.88	343.76	Muscovite	0.682	Paragonite	0.318	22.094	0.954	2.318
KLD103a00391	343.76	344.62	Muscovite	0.764	Paragonite	0.236	13.463	0.973	4.301

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD103a00392	344.62	345.49	Muscovite	1	NULL	NULL	60.713	0.989	2.019
KLD103a00393	345.49	346.35	Muscovite	1	NULL	NULL	55.216	0.988	3.897
KLD103a00394	346.35	347.21	Muscovite	1	NULL	NULL	46.902	1.032	1.229
KLD103a00395	347.21	348.08	Muscovite	1	NULL	NULL	56.366	0.988	2.415
KLD103a00396	348.08	348.94	Illite	1	NULL	NULL	43.491	0.941	1.92
KLD103a00397	348.94	349.82	Illite	1	NULL	NULL	58.718	0.964	1.926
KLD103a00398	349.82	350.70	Muscovite	1	NULL	NULL	37.708	0.987	2.054
KLD103a00399	350.70	351.58	Muscovite	0.806	Paragonite	0.194	19.955	0.991	3.969
KLD103a00400	351.58	352.46	Muscovite	0.758	Paragonite	0.242	16.314	0.998	6.506
KLD103a00401	352.46	353.34	Muscovite	0.714	Paragonite	0.286	20.003	1.005	3.827
KLD103a00402	353.34	354.22	Muscovite	0.615	MgChlorite	0.385	80.982	0.993	1.668
KLD103a00403	354.22	354.95	Muscovite	1	NULL	NULL	144.652	1.02	1.503
KLD103a00404	354.95	355.68	Muscovite	1	NULL	NULL	49.185	0.967	2.718
KLD103a00405	355.68	356.41	Muscovite	1	NULL	NULL	123.191	1.039	1.826
KLD103a00406	356.41	357.13	Muscovite	1	NULL	NULL	124.436	1.041	1.543
KLD103a00407	357.13	357.86	Muscovite	1	NULL	NULL	130.972	1.038	1.103
KLD103a00408	357.86	358.59	Muscovite	1	NULL	NULL	161.57	1.026	1.414
KLD103a00409	358.59	360.00	Muscovite	1	NULL	NULL	144.056	1.041	0.85
KLD103a00410	360.00	360.00	Muscovite	0.703	MgChlorite	0.297	79.03	1.044	2.036