

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD101a00001	1.80	2.71	Kaolinite	0.688	Muscovite	0.312	204.204	1.013	2.25
KLD101a00002	2.71	3.61	Illite	1	NULL	NULL	56.295	0.969	1.695
KLD101a00003	3.61	4.52	Illite	1	NULL	NULL	71.667	0.982	2.379
KLD101a00004	4.52	5.42	Illite	1	NULL	NULL	110.233	0.954	2.152
KLD101a00005	5.42	6.33	Muscovite	0.917	K_Alunite	0.083	478.583	0.982	1.056
KLD101a00006	6.33	7.23	Illite	0.721	Dickite	0.279	76.133	0.87	2.265
KLD101a00007	7.23	8.14	Illite	0.653	Dickite	0.347	86.541	0.828	2.308
KLD101a00008	8.14	9.05	Illite	0.635	Dickite	0.365	139.679	0.873	2.682
KLD101a00009	9.05	9.97	Illite	1	NULL	NULL	230.737	0.928	1.851
KLD101a00010	9.97	10.88	Dickite	1	NULL	NULL	110.767	0.673	4.508
KLD101a00011	10.88	11.79	Illite	0.663	Dickite	0.337	172.195	0.851	2.422
KLD101a00012	11.79	12.70	Dickite	0.579	Illite	0.421	167.194	0.763	2.421
KLD101a00013	12.70	13.61	Nacrite	0.654	Dickite	0.346	282.374	0.922	2.483
KLD101a00014	13.61	14.53	Dickite	0.56	Muscovite	0.44	97.365	0.733	2.824
KLD101a00015	14.53	15.44	Illite	0.505	Dickite	0.495	119.105	0.83	3.114
KLD101a00016	15.44	16.35	Illite	0.679	Dickite	0.321	254.166	0.887	2.362
KLD101a00017	16.35	17.27	Diaspore	0.505	Muscovite	0.495	344.765	1.005	1.675
KLD101a00018	17.27	18.18	Dickite	0.54	Muscovite	0.46	189.614	0.812	5.698
KLD101a00019	18.18	19.08	Illite	0.53	Dickite	0.47	150.134	0.861	2.562
KLD101a00020	19.08	19.97	Dickite	0.554	Muscovite	0.446	453.4	0.887	2.553
KLD101a00021	19.97	20.87	Muscovite	0.546	Dickite	0.454	182.738	0.8	3.921
KLD101a00022	20.87	21.77	Dickite	0.751	Tourmaline	0.249	583.91	0.926	NULL
KLD101a00023	21.77	22.66	Dickite	0.62	Muscovite	0.38	234.183	0.804	NULL
KLD101a00024	22.66	23.56	Illite	0.504	Dickite	0.496	94.14	0.796	2.855
KLD101a00025	23.56	24.47	Dickite	0.603	Muscovite	0.397	253.954	0.828	2.322
KLD101a00026	24.47	25.37	Dickite	0.563	Muscovite	0.437	222.926	0.819	2.636
KLD101a00027	25.37	26.28	Dickite	1	NULL	NULL	216.826	0.743	3.295
KLD101a00028	26.28	27.19	Dickite	1	NULL	NULL	194.518	0.773	4.66
KLD101a00029	27.19	28.09	Dickite	0.603	Muscovite	0.397	93.835	0.748	3.673
KLD101a00030	28.09	29.00	Dickite	0.646	Muscovite	0.354	115.386	0.796	2.716
KLD101a00031	29.00	29.83	Dickite	0.594	Illite	0.406	67.678	0.803	2.366
KLD101a00032	29.83	30.67	Dickite	0.526	Illite	0.474	100.647	0.811	2.765
KLD101a00033	30.67	31.50	Dickite	0.866	Tourmaline	0.134	353.404	0.868	NULL
KLD101a00034	31.50	32.33	Paragonite	1	NULL	NULL	136.647	0.983	1.76
KLD101a00035	32.33	33.17	Muscovite	0.526	Halloysite	0.474	511.54	0.945	2.121
KLD101a00036	33.17	34.00	Muscovite	0.551	Dickite	0.449	135.172	0.819	3.283
KLD101a00037	34.00	34.90	Illite	0.543	Dickite	0.457	114.029	0.805	3.124
KLD101a00038	34.90	35.80	Dickite	0.513	Muscovite	0.487	144.408	0.794	3.991
KLD101a00039	35.80	36.70	Illite	0.553	Dickite	0.447	88.787	0.833	2.46
KLD101a00040	36.70	37.60	Muscovite	0.688	Dickite	0.312	225.375	1.005	1.979
KLD101a00041	37.60	38.50	Illite	0.546	Dickite	0.454	106.323	0.789	3.732
KLD101a00042	38.50	39.40	Illite	0.702	Dickite	0.298	71.443	0.869	2.992
KLD101a00043	39.40	40.30	Muscovite	0.657	Dickite	0.343	201.909	0.902	3.765
KLD101a00044	40.30	41.19	Illite	0.667	Dickite	0.333	92.424	0.881	3.333
KLD101a00045	41.19	42.09	Dickite	0.516	Muscovite	0.484	126.961	0.815	2.847
KLD101a00046	42.09	42.98	Dickite	0.814	Tourmaline	0.186	448.314	0.874	NULL
KLD101a00047	42.98	43.88	Illite	0.745	Dickite	0.255	197.531	0.911	2.36
KLD101a00048	43.88	44.77	Illite	0.675	Dickite	0.325	79.457	0.88	2.986
KLD101a00049	44.77	45.68	Dickite	0.51	Muscovite	0.49	89.1	0.815	3.103
KLD101a00050	45.68	46.60	Dickite	0.504	Muscovite	0.496	95.223	0.781	3.352
KLD101a00051	46.60	47.51	Illite	0.531	Dickite	0.469	58.558	0.842	2.827
KLD101a00052	47.51	48.42	Illite	0.62	Dickite	0.38	113.54	0.884	2.456
KLD101a00053	48.42	49.34	Dickite	1	NULL	NULL	120.644	0.649	4.78
KLD101a00054	49.34	50.25	Dickite	0.685	Muscovite	0.315	51.234	0.699	3.796
KLD101a00055	50.25	51.15	Dickite	0.738	Muscovite	0.262	59.907	0.733	3.519
KLD101a00056	51.15	52.04	Dickite	0.542	Illite	0.458	152.049	0.853	2.861
KLD101a00057	52.04	52.94	Dickite	0.564	Muscovite	0.436	87.725	0.812	3.551
KLD101a00058	52.94	53.84	Dickite	1	NULL	NULL	103.219	0.72	4.48
KLD101a00059	53.84	54.73	Dickite	0.637	Montmorillonite	0.363	185.027	0.809	8.497
KLD101a00060	54.73	55.63	Dickite	0.732	Muscovite	0.268	53.093	0.738	4.054
KLD101a00061	55.63	56.53	Dickite	1	NULL	NULL	116.522	0.75	4.647
KLD101a00062	56.53	57.42	Nacrite	0.592	Dickite	0.408	85.192	0.887	3.733
KLD101a00063	57.42	58.32	Dickite	0.715	Muscovite	0.285	82.509	0.722	4.945
KLD101a00064	58.32	59.21	Dickite	0.675	Muscovite	0.325	69.902	0.78	3.34
KLD101a00065	59.21	60.11	Dickite	0.702	Muscovite	0.298	71.995	0.75	4.269
KLD101a00066	60.11	61.00	Dickite	0.671	Illite	0.329	38.992	0.736	3.037
KLD101a00067	61.00	61.86	Dickite	0.675	Muscovite	0.325	95.003	0.802	3.063
KLD101a00068	61.86	62.72	Dickite	1	NULL	NULL	155.174	0.762	11.892
KLD101a00069	62.72	63.58	Dickite	0.792	Muscovite	0.208	37.982	0.656	4.648
KLD101a00070	63.58	64.43	Dickite	0.639	Muscovite	0.361	127.275	0.816	1.879
KLD101a00071	64.43	65.29	Dickite	0.63	Muscovite	0.37	48.842	0.75	3.592
KLD101a00072	65.29	66.15	Dickite	1	NULL	NULL	137.823	0.811	3.508
KLD101a00073	66.15	67.10	Muscovite	0.514	Dickite	0.486	103.682	0.842	4.767
KLD101a00074	67.10	68.05	Dickite	0.532	Paragonite	0.468	48.234	0.78	3.173
KLD101a00075	68.05	69.01	Dickite	0.612	Illite	0.388	41.89	0.706	5.359
KLD101a00076	69.01	69.96	Dickite	1	NULL	NULL	85.167	0.679	2.295
KLD101a00077	69.96	70.91	Dickite	0.625	Illite	0.375	33.261	0.805	4.701
KLD101a00078	70.91	71.86	Dickite	0.503	Paragonite	0.497	119.308	0.912	2.054

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD101a00079	71.86	72.77	Paragonite	0.512	Muscovite	0.488	77.095	0.983	2.685
KLD101a00080	72.77	73.68	Illite	0.531	Dickite	0.469	72.486	0.83	3.45
KLD101a00081	73.68	74.59	Paragonite	1	NULL	NULL	157.255	0.982	0.904
KLD101a00082	74.59	75.49	Illite	0.61	Dickite	0.39	92.861	0.851	2.964
KLD101a00083	75.49	76.40	Muscovite	1	NULL	NULL	161.313	1.015	1.366
KLD101a00084	76.40	77.31	Paragonite	1	NULL	NULL	142.392	0.99	2.617
KLD101a00085	77.31	78.19	Muscovite	0.537	Paragonite	0.463	46.245	0.908	2.422
KLD101a00086	78.19	79.07	Illite	0.645	Paragonite	0.355	50.208	0.957	2.029
KLD101a00087	79.07	79.96	Biotite	0.659	Paragonite	0.341	325.327	1.008	1.126
KLD101a00088	79.96	80.84	Illite	1	NULL	NULL	126.668	0.969	1.987
KLD101a00089	80.84	81.72	Illite	1	NULL	NULL	112.089	1.004	2.396
KLD101a00090	81.72	82.60	Illite	1	NULL	NULL	58.438	0.954	2.09
KLD101a00091	82.60	83.50	Illite	1	NULL	NULL	116.158	0.986	1.766
KLD101a00092	83.50	84.40	Muscovite	1	NULL	NULL	208.018	1.01	0.759
KLD101a00093	84.40	85.30	Illite	1	NULL	NULL	158.164	0.989	0.797
KLD101a00094	85.30	86.20	NULL	NULL	NULL	NULL	NULL	1.017	0.71
KLD101a00095	86.20	87.10	Illite	1	NULL	NULL	141.688	1.046	0.641
KLD101a00096	87.10	88.00	Muscovite	1	NULL	NULL	214.839	1.042	0.807
KLD101a00097	88.00	88.90	NULL	NULL	NULL	NULL	NULL	1.038	0.795
KLD101a00098	88.90	89.80	NULL	NULL	NULL	NULL	NULL	0.999	0.688
KLD101a00099	89.80	90.70	NULL	NULL	NULL	NULL	NULL	0.988	0.719
KLD101a00100	90.70	91.60	NULL	NULL	NULL	NULL	NULL	0.953	0.695
KLD101a00101	91.60	92.50	NULL	NULL	NULL	NULL	NULL	1.019	NULL
KLD101a00102	92.50	93.40	NULL	NULL	NULL	NULL	NULL	1.02	NULL
KLD101a00103	93.40	94.30	NULL	NULL	NULL	NULL	NULL	1.013	0.8
KLD101a00104	94.30	95.20	NULL	NULL	NULL	NULL	NULL	0.991	0.989
KLD101a00105	95.20	96.10	IntChlorite	0.655	Phengite	0.345	357.111	0.975	NULL
KLD101a00106	96.10	97.00	NULL	NULL	NULL	NULL	NULL	1.067	NULL
KLD101a00107	97.00	97.90	NULL	NULL	NULL	NULL	NULL	1.012	0.96
KLD101a00108	97.90	98.80	NULL	NULL	NULL	NULL	NULL	0.998	1.555
KLD101a00109	98.80	99.70	NULL	NULL	NULL	NULL	NULL	0.991	NULL
KLD101a00110	99.70	100.59	MgChlorite	0.551	Phengite	0.449	213.702	1.114	0.867
KLD101a00111	100.59	101.49	MgChlorite	0.531	Phengite	0.469	225.54	1.029	0.821
KLD101a00112	101.49	102.38	IntChlorite	0.677	Phengite	0.323	221.039	1.055	NULL
KLD101a00113	102.38	103.28	IntChlorite	0.726	Montmorillonite	0.274	231.427	1.028	0.86
KLD101a00114	103.28	104.17	IntChlorite	0.553	Phengite	0.447	228.771	1.048	0.961
KLD101a00115	104.17	105.01	MgChlorite	0.723	Montmorillonite	0.277	200.172	0.994	0.822
KLD101a00116	105.01	105.85	MgChlorite	0.738	Montmorillonite	0.262	227.976	1.016	NULL
KLD101a00117	105.85	106.69	IntChlorite	0.737	Montmorillonite	0.263	159.397	1.016	0.865
KLD101a00118	106.69	107.52	IntChlorite	0.623	Phengite	0.377	226.257	1.004	NULL
KLD101a00119	107.52	108.36	MgChlorite	0.705	Phengite	0.295	203.993	1.03	0.758
KLD101a00120	108.36	109.20	NULL	NULL	NULL	NULL	NULL	1.023	1.085
KLD101a00121	109.20	110.05	NULL	NULL	NULL	NULL	NULL	1.015	1.076
KLD101a00122	110.05	110.91	Ankerite	0.623	Montmorillonite	0.377	194.375	1.012	0.523
KLD101a00123	110.91	111.76	NULL	NULL	NULL	NULL	NULL	0.909	0.913
KLD101a00124	111.76	112.61	NULL	NULL	NULL	NULL	NULL	1.028	0.923
KLD101a00125	112.61	113.47	IntChlorite	0.778	Montmorillonite	0.222	203.207	1.057	0.913
KLD101a00126	113.47	114.32	MgChlorite	0.68	Montmorillonite	0.32	406.114	1.011	0.886
KLD101a00127	114.32	115.18	MgChlorite	0.52	FeChlorite	0.48	120.781	1.036	NULL
KLD101a00128	115.18	116.03	NULL	NULL	NULL	NULL	NULL	1.029	NULL
KLD101a00129	116.03	116.89	MgChlorite	0.674	Montmorillonite	0.326	280.062	1.045	0.94
KLD101a00130	116.89	117.74	MgChlorite	0.71	Phengite	0.29	143.198	1.005	0.882
KLD101a00131	117.74	118.60	NULL	NULL	NULL	NULL	NULL	0.873	0.826
KLD101a00132	118.60	119.45	MgChlorite	0.706	Prehnite	0.294	440.423	1.025	NULL
KLD101a00133	119.45	120.35	MgChlorite	0.588	FeChlorite	0.412	224.955	0.992	NULL
KLD101a00134	120.35	121.25	MgChlorite	0.768	Montmorillonite	0.232	297.934	1.051	0.737
KLD101a00135	121.25	122.16	NULL	NULL	NULL	NULL	NULL	0.93	NULL
KLD101a00136	122.16	123.06	Diaspore	0.802	Tourmaline	0.198	379.05	0.896	0.894
KLD101a00137	123.06	123.96	NULL	NULL	NULL	NULL	NULL	0.875	0.952
KLD101a00138	123.96	124.86	NULL	NULL	NULL	NULL	NULL	0.944	0.687
KLD101a00139	124.86	125.76	MgChlorite	0.707	Phengite	0.293	611.215	1.07	NULL
KLD101a00140	125.76	126.65	NULL	NULL	NULL	NULL	NULL	0.993	0.647
KLD101a00141	126.65	127.55	NULL	NULL	NULL	NULL	NULL	0.968	NULL
KLD101a00142	127.55	128.45	NULL	NULL	NULL	NULL	NULL	0.968	NULL
KLD101a00143	128.45	129.34	NULL	NULL	NULL	NULL	NULL	1.033	NULL
KLD101a00144	129.34	130.24	NULL	NULL	NULL	NULL	NULL	0.991	NULL
KLD101a00145	130.24	131.12	FeChlorite	0.584	MgChlorite	0.416	241.698	1.032	0.378
KLD101a00146	131.12	131.99	MgChlorite	0.775	NH4_Alunite	0.225	333.053	0.99	NULL
KLD101a00147	131.99	132.87	IntChlorite	0.694	Serpentine	0.306	330.494	0.979	NULL
KLD101a00148	132.87	133.74	NULL	NULL	NULL	NULL	NULL	1.044	0.405
KLD101a00149	133.74	134.62	NULL	NULL	NULL	NULL	NULL	1.061	NULL
KLD101a00150	134.62	135.49	NULL	NULL	NULL	NULL	NULL	0.983	1.189
KLD101a00151	135.49	136.40	NULL	NULL	NULL	NULL	NULL	1.048	NULL
KLD101a00152	136.40	137.30	NULL	NULL	NULL	NULL	NULL	1.088	1.247
KLD101a00153	137.30	138.21	NULL	NULL	NULL	NULL	NULL	0.96	1.144
KLD101a00154	138.21	139.12	NULL	NULL	NULL	NULL	NULL	1.059	1.203
KLD101a00155	139.12	140.02	NULL	NULL	NULL	NULL	NULL	1.024	1.492
KLD101a00156	140.02	140.93	NULL	NULL	NULL	NULL	NULL	0.983	NULL

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD101a00157	140.93	141.82	NULL	NULL	NULL	NULL	NULL	1.034	0.416
KLD101a00158	141.82	142.71	NULL	NULL	NULL	NULL	NULL	1.052	0.776
KLD101a00159	142.71	143.60	NULL	NULL	NULL	NULL	NULL	1.017	NULL
KLD101a00160	143.60	144.48	NULL	NULL	NULL	NULL	NULL	0.959	1.387
KLD101a00161	144.48	145.37	Serpentine	0.635	Tourmaline	0.365	548.814	1.058	1.52
KLD101a00162	145.37	146.26	NULL	NULL	NULL	NULL	NULL	1.005	1.077
KLD101a00163	146.26	147.18	NULL	NULL	NULL	NULL	NULL	1.005	1.077
KLD101a00164	147.18	148.10	IntChlorite	1	NULL	NULL	146.491	1.011	0.412
KLD101a00165	148.10	149.02	NULL	NULL	NULL	NULL	NULL	0.999	1.681
KLD101a00166	149.02	149.94	IntChlorite	1	NULL	NULL	130.59	0.984	0.443
KLD101a00167	149.94	150.86	IntChlorite	1	NULL	NULL	221.457	1.002	0.407
KLD101a00168	150.86	151.78	Actinolite	0.53	Calcite	0.47	259.435	0.999	0.45
KLD101a00169	151.78	152.67	NULL	NULL	NULL	NULL	NULL	1.011	0.415
KLD101a00170	152.67	153.56	NULL	NULL	NULL	NULL	NULL	0.981	0.668
KLD101a00171	153.56	154.45	NULL	NULL	NULL	NULL	NULL	0.958	NULL
KLD101a00172	154.45	155.34	NULL	NULL	NULL	NULL	NULL	0.984	1.408
KLD101a00173	155.34	156.23	NULL	NULL	NULL	NULL	NULL	1.006	0.69
KLD101a00174	156.23	157.12	NULL	NULL	NULL	NULL	NULL	0.927	0.792
KLD101a00175	157.12	158.02	IntChlorite	0.618	Phlogopite2	0.382	384.695	1.01	0.463
KLD101a00176	158.02	158.91	FeChlorite	0.702	Actinolite	0.298	142.502	0.987	NULL
KLD101a00177	158.91	159.81	FeChlorite	1	NULL	NULL	118.929	0.985	NULL
KLD101a00178	159.81	160.71	NULL	NULL	NULL	NULL	NULL	0.947	0.513
KLD101a00179	160.71	161.60	MgChlorite	0.7	Zoisite	0.3	346.985	0.971	0.272
KLD101a00180	161.60	162.50	IntChlorite	0.634	Phlogopite2	0.366	256.712	1.017	0.537
KLD101a00181	162.50	163.38	MgChlorite	1	NULL	NULL	28.408	0.978	NULL
KLD101a00182	163.38	164.25	NULL	NULL	NULL	NULL	NULL	0.964	0.056
KLD101a00183	164.25	165.13	NULL	NULL	NULL	NULL	NULL	1.026	0.735
KLD101a00184	165.13	166.00	IntChlorite	0.662	Phlogopite2	0.338	181.369	0.983	NULL
KLD101a00185	166.00	166.88	NULL	NULL	NULL	NULL	NULL	0.973	0.436
KLD101a00186	166.88	167.75	MgChlorite	1	NULL	NULL	153.247	1.013	0.254
KLD101a00187	167.75	168.65	IntChlorite	1	NULL	NULL	156.121	0.964	0.454
KLD101a00188	168.65	169.54	MgChlorite	1	NULL	NULL	161.343	0.982	NULL
KLD101a00189	169.54	170.44	NULL	NULL	NULL	NULL	NULL	0.998	0.346
KLD101a00190	170.44	171.33	NULL	NULL	NULL	NULL	NULL	1.03	0.521
KLD101a00191	171.33	172.23	IntChlorite	1	NULL	NULL	70.931	0.988	NULL
KLD101a00192	172.23	173.12	MgChlorite	1	NULL	NULL	137.642	0.991	NULL
KLD101a00193	173.12	174.01	FeChlorite	1	NULL	NULL	108.242	1.011	0.367
KLD101a00194	174.01	174.90	IntChlorite	0.772	Phlogopite2	0.228	54.33	0.998	NULL
KLD101a00195	174.90	175.80	IntChlorite	0.8	Phlogopite2	0.2	40.375	0.993	NULL
KLD101a00196	175.80	176.69	IntChlorite	0.8	Phlogopite2	0.2	40.375	0.993	NULL
KLD101a00197	176.69	177.58	IntChlorite	0.824	Phlogopite2	0.176	45.981	0.995	NULL
KLD101a00198	177.58	178.47	Phlogopite2	0.594	Ankerite	0.406	205.324	1.006	0.574
KLD101a00199	178.47	179.37	Dolomite	1	NULL	NULL	22.773	1.013	0.198
KLD101a00200	179.37	180.28	MgChlorite	0.629	FeChlorite	0.371	53.489	0.999	0.782
KLD101a00201	180.28	181.18	IntChlorite	0.762	Phlogopite2	0.238	54.061	0.992	0.837
KLD101a00202	181.18	182.08	MgChlorite	0.537	IntChlorite	0.463	64.63	0.996	NULL
KLD101a00203	182.08	182.99	IntChlorite	0.775	Phlogopite2	0.225	46.728	0.985	NULL
KLD101a00204	182.99	183.89	IntChlorite	0.747	Phlogopite2	0.253	95.673	0.995	0.644
KLD101a00205	183.89	184.74	Phlogopite1	0.554	Ankerite	0.446	348.669	1.01	0.941
KLD101a00206	184.74	185.59	NULL	NULL	NULL	NULL	NULL	0.986	0.805
KLD101a00207	185.59	186.45	NULL	NULL	NULL	NULL	NULL	1.021	0.912
KLD101a00208	186.45	187.30	NULL	NULL	NULL	NULL	NULL	0.988	0.812
KLD101a00209	187.30	188.15	NULL	NULL	NULL	NULL	NULL	0.938	1.166
KLD101a00210	188.15	189.00	IntChlorite	1	NULL	NULL	85.546	1.015	NULL
KLD101a00211	189.00	189.91	IntChlorite	0.813	Phlogopite2	0.187	64.683	0.994	NULL
KLD101a00212	189.91	190.82	Biotite	0.68	Ankerite	0.32	233.702	1.012	NULL
KLD101a00213	190.82	191.74	NULL	NULL	NULL	NULL	NULL	0.996	0.43
KLD101a00214	191.74	192.65	Prehnite	0.606	Calcite	0.394	350.176	0.973	0.585
KLD101a00215	192.65	193.56	IntChlorite	0.826	Phlogopite2	0.174	48.231	0.998	NULL
KLD101a00216	193.56	194.47	FeChlorite	0.511	MgChlorite	0.489	47.185	0.998	NULL
KLD101a00217	194.47	195.37	IntChlorite	1	NULL	NULL	158.456	1.023	NULL
KLD101a00218	195.37	196.26	Epidote	1	NULL	NULL	150.107	1.007	0.412
KLD101a00219	196.26	197.16	IntChlorite	1	NULL	NULL	82.434	0.994	NULL
KLD101a00220	197.16	198.06	IntChlorite	1	NULL	NULL	78.375	1.008	NULL
KLD101a00221	198.06	198.95	FeChlorite	1	NULL	NULL	195.301	1.002	NULL
KLD101a00222	198.95	199.85	IntChlorite	1	NULL	NULL	166.237	1.013	0.489
KLD101a00223	199.85	200.76	IntChlorite	0.791	Ankerite	0.209	50.246	1.002	NULL
KLD101a00224	200.76	201.67	IntChlorite	1	NULL	NULL	88.62	1.002	NULL
KLD101a00225	201.67	202.58	IntChlorite	1	NULL	NULL	169.869	0.992	NULL
KLD101a00226	202.58	203.48	MgChlorite	1	NULL	NULL	187.12	0.984	NULL
KLD101a00227	203.48	204.39	MgChlorite	0.728	Phengite	0.272	110.102	1.046	NULL
KLD101a00228	204.39	205.30	MgChlorite	0.659	Phengite	0.341	92.9	1.046	NULL
KLD101a00229	205.30	206.20	MgChlorite	1	NULL	NULL	96.856	0.999	NULL
KLD101a00230	206.20	207.10	MgChlorite	1	NULL	NULL	74.822	0.991	NULL
KLD101a00231	207.10	208.00	MgChlorite	0.534	FeChlorite	0.466	83.956	1.004	NULL
KLD101a00232	208.00	208.90	IntChlorite	0.649	MgChlorite	0.351	47.454	0.999	NULL
KLD101a00233	208.90	209.80	FeChlorite	0.818	Brucite	0.182	126.883	1.021	0.488
KLD101a00234	209.80	210.70	MgChlorite	1	NULL	NULL	110.986	1.003	NULL

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD101a00235	210.70	211.62	MgChlorite	0.7	Phengite	0.3	170.5	1.006	0.529
KLD101a00236	211.62	212.54	MgChlorite	0.704	Phengite	0.296	134.789	1.022	0.554
KLD101a00237	212.54	213.46	MgChlorite	0.688	Phengite	0.312	100.559	1.039	NULL
KLD101a00238	213.46	214.38	MgChlorite	0.777	Montmorillonite	0.223	76.861	1.027	NULL
KLD101a00239	214.38	215.30	IntChlorite	0.645	Phengite	0.355	211.724	1.006	0.631
KLD101a00240	215.30	216.22	MgChlorite	0.699	Phengite	0.301	126.108	1.03	NULL
KLD101a00241	216.22	217.14	IntChlorite	0.74	Montmorillonite	0.26	136.252	1.042	NULL
KLD101a00242	217.14	218.06	Opal	0.71	Phlogopite1	0.29	266.856	0.986	0.672
KLD101a00243	218.06	218.98	MgChlorite	0.67	Phengite	0.33	112.894	1.043	NULL
KLD101a00244	218.98	219.90	NULL	NULL	NULL	NULL	NULL	1.039	0.613
KLD101a00245	219.90	220.82	Phengite	0.648	Dolomite	0.352	179.354	1.057	0.615
KLD101a00246	220.82	221.74	MgChlorite	1	NULL	NULL	79.828	1.038	NULL
KLD101a00247	221.74	222.60	Phengite	0.563	IntChlorite	0.437	210.217	1.049	0.646
KLD101a00248	222.60	223.47	Phengite	0.535	Opal	0.465	119.121	1.059	0.671
KLD101a00249	223.47	224.33	Muscovite	0.822	Brucite	0.178	199.724	0.993	1.011
KLD101a00250	224.33	225.19	Muscovite	0.625	Ankerite	0.375	424.043	1	0.399
KLD101a00251	225.19	226.06	NULL	NULL	NULL	NULL	NULL	0.985	0.107
KLD101a00252	226.06	226.92	NULL	NULL	NULL	NULL	NULL	0.979	0.117
KLD101a00253	226.92	227.60	NULL	NULL	NULL	NULL	NULL	0.994	0.099
KLD101a00254	227.60	228.28	NULL	NULL	NULL	NULL	NULL	0.987	0.0779
KLD101a00255	228.28	228.96	NULL	NULL	NULL	NULL	NULL	0.99	NULL
KLD101a00256	228.96	229.64	NULL	NULL	NULL	NULL	NULL	0.998	0.161
KLD101a00257	229.64	230.32	Zoisite	0.519	Gypsum	0.481	419.609	0.997	NULL
KLD101a00258	230.32	231.00	NULL	NULL	NULL	NULL	NULL	0.995	0.114
KLD101a00259	231.00	231.81	NULL	NULL	NULL	NULL	NULL	0.998	0.0753
KLD101a00260	231.81	232.62	NULL	NULL	NULL	NULL	NULL	0.999	0.0822
KLD101a00261	232.62	233.43	NULL	NULL	NULL	NULL	NULL	0.999	0.0822
KLD101a00262	233.43	234.23	NULL	NULL	NULL	NULL	NULL	1.004	0.133
KLD101a00263	234.23	235.04	NULL	NULL	NULL	NULL	NULL	0.986	0.182
KLD101a00264	235.04	235.85	NULL	NULL	NULL	NULL	NULL	1.012	0.138
KLD101a00265	235.85	236.64	NULL	NULL	NULL	NULL	NULL	0.982	NULL
KLD101a00266	236.64	237.42	NULL	NULL	NULL	NULL	NULL	0.974	0.14
KLD101a00267	237.42	238.21	NULL	NULL	NULL	NULL	NULL	1.043	0.111
KLD101a00268	238.21	239.00	NULL	NULL	NULL	NULL	NULL	1.013	0.115
KLD101a00269	239.00	239.78	NULL	NULL	NULL	NULL	NULL	1.005	0.0677
KLD101a00270	239.78	240.57	NULL	NULL	NULL	NULL	NULL	0.99	0.117
KLD101a00271	240.57	241.37	NULL	NULL	NULL	NULL	NULL	0.994	0.39
KLD101a00272	241.37	242.17	Muscovite	0.661	Ankerite	0.339	398.73	0.975	0.479
KLD101a00273	242.17	242.97	Illite	1	NULL	NULL	245.07	0.997	0.694
KLD101a00274	242.97	243.76	Illite	0.772	Ankerite	0.228	210.828	1.003	0.752
KLD101a00275	243.76	244.56	Illite	0.861	Gypsum	0.139	330.686	1.019	0.567
KLD101a00276	244.56	245.36	Illite	1	NULL	NULL	245.735	1.005	0.741
KLD101a00277	245.36	246.25	Illite	0.841	Gypsum	0.159	304.863	0.985	0.557
KLD101a00278	246.25	247.14	Illite	0.876	Gypsum	0.124	202.736	0.977	0.802
KLD101a00279	247.14	248.03	Illite	0.866	Gypsum	0.134	341.188	1	0.574
KLD101a00280	248.03	248.92	Illite	1	NULL	NULL	191.803	0.985	0.769
KLD101a00281	248.92	249.81	Illite	0.85	Gypsum	0.15	220.027	0.982	0.557
KLD101a00282	249.81	250.70	Illite	1	NULL	NULL	194.331	1.008	0.601
KLD101a00283	250.70	251.58	Illite	0.831	Gypsum	0.169	398.882	1.008	0.409
KLD101a00284	251.58	252.45	Illite	1	NULL	NULL	152.584	1.006	1.143
KLD101a00285	252.45	253.33	Muscovite	0.712	Ankerite	0.288	347.057	1.032	0.519
KLD101a00286	253.33	254.21	Muscovite	0.82	Ankerite	0.18	345.885	1.003	0.64
KLD101a00287	254.21	255.08	NULL	NULL	NULL	NULL	NULL	0.976	0.724
KLD101a00288	255.08	255.96	NULL	NULL	NULL	NULL	NULL	1.026	0.495
KLD101a00289	255.96	256.84	NULL	NULL	NULL	NULL	NULL	0.999	0.556
KLD101a00290	256.84	257.71	Illite	1	NULL	NULL	94.864	1.003	0.656
KLD101a00291	257.71	258.59	Illite	1	NULL	NULL	23.534	0.998	0.548
KLD101a00292	258.59	259.46	Muscovite	1	NULL	NULL	24.13	0.996	0.616
KLD101a00293	259.46	260.34	Illite	0.803	Gypsum	0.197	110.949	1.001	0.242
KLD101a00294	260.34	261.21	NULL	NULL	NULL	NULL	NULL	1.016	0.533
KLD101a00295	261.21	262.12	NULL	NULL	NULL	NULL	NULL	0.982	0.566
KLD101a00296	262.12	263.02	NULL	NULL	NULL	NULL	NULL	0.99	0.628
KLD101a00297	263.02	263.93	NULL	NULL	NULL	NULL	NULL	0.998	0.483
KLD101a00298	263.93	264.83	NULL	NULL	NULL	NULL	NULL	0.988	0.626
KLD101a00299	264.83	265.74	NULL	NULL	NULL	NULL	NULL	0.978	0.672
KLD101a00300	265.74	266.64	Muscovite	1	NULL	NULL	157.813	0.987	0.493
KLD101a00301	266.64	267.53	NULL	NULL	NULL	NULL	NULL	0.975	0.515
KLD101a00302	267.53	268.43	Dickite	1	NULL	NULL	14.206	1.012	0.466
KLD101a00303	268.43	269.32	Illite	1	NULL	NULL	142.137	0.997	0.879
KLD101a00304	269.32	270.21	Muscovite	0.912	Brucite	0.0883	320.804	1.032	0.866
KLD101a00305	270.21	271.11	NULL	NULL	NULL	NULL	NULL	0.995	NULL
KLD101a00306	271.11	272.00	Illite	1	NULL	NULL	181.92	1.032	0.81
KLD101a00307	272.00	272.87	Gypsum	1	NULL	NULL	184.874	1.003	0.155
KLD101a00308	272.87	273.73	NULL	NULL	NULL	NULL	NULL	0.988	0.502
KLD101a00309	273.73	274.60	Muscovite	1	NULL	NULL	14.361	1.01	0.541
KLD101a00310	274.60	275.47	Muscovite	0.72	Ankerite	0.28	123.024	1.009	0.84
KLD101a00311	275.47	276.33	NULL	NULL	NULL	NULL	NULL	1.003	0.658
KLD101a00312	276.33	277.20	Muscovite	1	NULL	NULL	88.743	1.003	0.973

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD101a00313	277.20	278.10	Illite	1	NULL	NULL	94.603	1.001	1.181
KLD101a00314	278.10	279.00	NULL	NULL	NULL	NULL	NULL	0.988	0.431
KLD101a00315	279.00	279.90	NULL	NULL	NULL	NULL	NULL	0.988	0.431
KLD101a00316	279.90	280.80	Muscovite	1	NULL	NULL	11.767	1.005	0.572
KLD101a00317	280.80	281.70	Illite	0.82	Gypsum	0.18	91.731	1.008	0.427
KLD101a00318	281.70	282.60	Illite	0.757	Gypsum	0.243	106.946	1.007	0.321
KLD101a00319	282.60	283.50	NULL	NULL	NULL	NULL	NULL	0.993	0.529
KLD101a00320	283.50	284.40	NULL	NULL	NULL	NULL	NULL	1	0.643
KLD101a00321	284.40	285.30	Muscovite	1	NULL	NULL	133.915	1.008	0.679
KLD101a00322	285.30	286.20	NULL	NULL	NULL	NULL	NULL	0.994	0.543
KLD101a00323	286.20	287.10	Paragonite	1	NULL	NULL	17.154	0.998	0.47
KLD101a00324	287.10	288.00	NULL	NULL	NULL	NULL	NULL	1.005	0.492
KLD101a00325	288.00	288.88	Topaz	1	NULL	NULL	11.25	0.991	0.599
KLD101a00326	288.88	289.77	NULL	NULL	NULL	NULL	NULL	0.997	0.639
KLD101a00327	289.77	290.65	NULL	NULL	NULL	NULL	NULL	0.977	0.635
KLD101a00328	290.65	291.53	NULL	NULL	NULL	NULL	NULL	0.992	0.36
KLD101a00329	291.53	292.42	Illite	1	NULL	NULL	112.351	0.996	0.878
KLD101a00330	292.42	293.30	NULL	NULL	NULL	NULL	NULL	1.002	0.584
KLD101a00331	293.30	294.22	Illite	1	NULL	NULL	60.409	0.998	0.535
KLD101a00332	294.22	295.13	Illite	0.886	Gypsum	0.114	173.833	0.995	0.74
KLD101a00333	295.13	296.05	NULL	NULL	NULL	NULL	NULL	0.995	0.59
KLD101a00334	296.05	296.97	NULL	NULL	NULL	NULL	NULL	1.001	0.538
KLD101a00335	296.97	297.88	NULL	NULL	NULL	NULL	NULL	0.996	0.532
KLD101a00336	297.88	298.80	Illite	0.795	Gypsum	0.205	231.888	1.005	0.337
KLD101a00337	298.80	299.71	Illite	0.723	Ankerite	0.277	297.05	1.006	0.596
KLD101a00338	299.71	300.61	NULL	NULL	NULL	NULL	NULL	1.016	0.657
KLD101a00339	300.61	301.52	NULL	NULL	NULL	NULL	NULL	0.986	0.631
KLD101a00340	301.52	302.42	NULL	NULL	NULL	NULL	NULL	0.998	0.564
KLD101a00341	302.42	303.33	MgChlorite	0.57	Muscovite	0.43	209.287	1.006	0.68
KLD101a00342	303.33	304.23	MgChlorite	0.634	Illite	0.366	116.16	1.004	0.547
KLD101a00343	304.23	305.10	NULL	NULL	NULL	NULL	NULL	0.988	0.638
KLD101a00344	305.10	305.96	NULL	NULL	NULL	NULL	NULL	0.998	0.532
KLD101a00345	305.96	306.83	IntChlorite	0.529	Illite	0.471	239.527	0.989	1.081
KLD101a00346	306.83	307.69	NULL	NULL	NULL	NULL	NULL	0.998	0.576
KLD101a00347	307.69	308.56	NULL	NULL	NULL	NULL	NULL	1.007	0.659
KLD101a00348	308.56	309.42	NULL	NULL	NULL	NULL	NULL	0.994	0.599
KLD101a00349	309.42	310.40	NULL	NULL	NULL	NULL	NULL	1.005	0.652
KLD101a00350	310.40	311.39	Illite	1	NULL	NULL	137.52	1.008	1.031
KLD101a00351	311.39	312.37	Illite	1	NULL	NULL	144.626	1.006	1.63
KLD101a00352	312.37	313.35	NULL	NULL	NULL	NULL	NULL	1.004	0.598
KLD101a00353	313.35	314.34	NULL	NULL	NULL	NULL	NULL	1.011	0.688
KLD101a00354	314.34	315.32	IntChlorite	0.725	Muscovite	0.275	57.02	1.01	0.709
KLD101a00355	315.32	316.18	Illite	0.759	Epidote	0.241	163.17	1.009	1.083
KLD101a00356	316.18	317.04	NULL	NULL	NULL	NULL	NULL	1	0.614
KLD101a00357	317.04	317.90	NULL	NULL	NULL	NULL	NULL	1.002	0.643
KLD101a00358	317.90	318.76	NULL	NULL	NULL	NULL	NULL	1.008	0.599
KLD101a00359	318.76	319.62	NULL	NULL	NULL	NULL	NULL	0.997	0.558
KLD101a00360	319.62	320.48	Muscovite	0.755	Ankerite	0.245	221.602	1.001	0.755
KLD101a00361	320.48	321.37	Illite	1	NULL	NULL	11.867	1.014	0.633
KLD101a00362	321.37	322.25	NULL	NULL	NULL	NULL	NULL	1.006	0.617
KLD101a00363	322.25	323.14	NULL	NULL	NULL	NULL	NULL	1.002	0.65
KLD101a00364	323.14	324.03	Muscovite	0.705	Ankerite	0.295	269.001	0.989	0.537
KLD101a00365	324.03	324.91	NULL	NULL	NULL	NULL	NULL	0.996	0.537
KLD101a00366	324.91	325.80	NULL	NULL	NULL	NULL	NULL	1.01	0.61
KLD101a00367	325.80	326.64	NULL	NULL	NULL	NULL	NULL	1.006	0.599
KLD101a00368	326.64	327.48	NULL	NULL	NULL	NULL	NULL	0.996	NULL
KLD101a00369	327.48	328.32	NULL	NULL	NULL	NULL	NULL	1.005	0.656
KLD101a00370	328.32	329.15	NULL	NULL	NULL	NULL	NULL	0.999	0.556
KLD101a00371	329.15	329.99	MgChlorite	1	NULL	NULL	75.16	1.005	0.316
KLD101a00372	329.99	330.83	Illite	1	NULL	NULL	78.343	1.003	0.504
KLD101a00373	330.83	331.69	NULL	NULL	NULL	NULL	NULL	0.981	0.622
KLD101a00374	331.69	332.55	Illite	1	NULL	NULL	9.987	0.997	0.657
KLD101a00375	332.55	333.42	Illite	1	NULL	NULL	150.245	1	1.633
KLD101a00376	333.42	334.28	IntChlorite	0.671	Illite	0.329	135.364	1.005	0.903
KLD101a00377	334.28	335.14	NULL	NULL	NULL	NULL	NULL	0.975	0.504
KLD101a00378	335.14	336.00	NULL	NULL	NULL	NULL	NULL	0.996	0.409
KLD101a00379	336.00	336.83	NULL	NULL	NULL	NULL	NULL	0.998	NULL
KLD101a00380	336.83	337.67	NULL	NULL	NULL	NULL	NULL	0.999	0.48
KLD101a00381	337.67	338.50	Ankerite	1	NULL	NULL	61.927	0.997	0.203
KLD101a00382	338.50	339.33	MgChlorite	1	NULL	NULL	223.068	0.989	0.28
KLD101a00383	339.33	340.17	Ankerite	1	NULL	NULL	146.307	0.989	0.202
KLD101a00384	340.17	341.00	IntChlorite	0.7	Ankerite	0.3	173.435	0.995	NULL
KLD101a00385	341.00	341.88	Epidote	1	NULL	NULL	140.351	1.007	0.141
KLD101a00386	341.88	342.75	Epidote	0.607	Nacrite	0.393	409.259	0.976	0.0934
KLD101a00387	342.75	343.63	Ankerite	0.576	Phlogopite1	0.424	93.35	0.995	NULL
KLD101a00388	343.63	344.50	Epidote	1	NULL	NULL	198.81	0.997	0.127
KLD101a00389	344.50	345.38	MgChlorite	1	NULL	NULL	37.023	0.998	NULL
KLD101a00390	345.38	346.25	MgChlorite	1	NULL	NULL	61.135	0.993	NULL

Sample	Depth_From	Depth_To	TSA_Mineral1	TSA_Weight1	TSA_Mineral2	TSA_Weight2	TSA_Error	Kaol_XT	ALOH_XT
KLD101a00391	346.25	347.00	MgChlorite	0.85	Epidote	0.15	34.513	1.002	NULL
KLD101a00392	347.00	347.75	MgChlorite	1	NULL	NULL	41.377	0.995	NULL
KLD101a00393	347.75	348.50	MgChlorite	1	NULL	NULL	99.456	1	0.308
KLD101a00394	348.50	349.25	IntChlorite	0.532	MgChlorite	0.468	28.927	1.015	NULL
KLD101a00395	349.25	350.00	MgChlorite	0.5	IntChlorite	0.5	23.94	1.006	NULL
KLD101a00396	350.00	350.75	MgChlorite	1	NULL	NULL	68.389	1.013	NULL
KLD101a00397	350.75	351.64	Illite	1	NULL	NULL	34.164	0.959	2.043
KLD101a00398	351.64	352.53	Illite	0.765	Paragonite	0.235	15.383	0.901	1.476
KLD101a00399	352.53	353.43	Illite	1	NULL	NULL	60.246	0.976	2.305
KLD101a00400	353.43	354.32	Illite	1	NULL	NULL	57.113	0.975	2.354
KLD101a00401	354.32	355.21	Illite	1	NULL	NULL	72.574	0.979	1.779
KLD101a00402	355.21	356.10	Illite	1	NULL	NULL	82.615	0.978	1.868
KLD101a00403	356.10	356.99	Illite	0.749	Paragonite	0.251	20.678	0.96	1.715
KLD101a00404	356.99	357.89	Illite	0.714	Paragonite	0.286	17.364	0.96	2.284
KLD101a00405	357.89	358.78	Illite	1	NULL	NULL	54.789	0.954	2.276
KLD101a00406	358.78	359.67	Illite	0.748	Paragonite	0.252	17.841	0.963	2.636
KLD101a00407	359.67	360.57	Illite	0.772	Paragonite	0.228	17.476	0.916	2.013
KLD101a00408	360.57	361.46	Illite	0.691	MgChlorite	0.309	43.1	0.966	1.565
KLD101a00409	361.46	362.33	Illite	1	NULL	NULL	70.428	0.985	1.228
KLD101a00410	362.33	363.21	Illite	0.643	Montmorillonite	0.357	66.872	0.972	0.845
KLD101a00411	363.21	364.08	Illite	0.655	MgChlorite	0.345	107.714	0.99	0.9
KLD101a00412	364.08	364.95	Illite	0.701	MgChlorite	0.299	103.071	1	0.887
KLD101a00413	364.95	365.83	MgChlorite	0.563	Illite	0.437	167.749	0.827	0.884
KLD101a00414	365.83	366.70	MgChlorite	0.561	Illite	0.439	113.332	0.935	0.949
KLD101a00415	366.70	367.58	Muscovite	0.583	MgChlorite	0.417	153.073	1.021	0.777
KLD101a00416	367.58	368.45	Muscovite	0.63	MgChlorite	0.37	117.371	1.036	0.718
KLD101a00417	368.45	369.33	IntChlorite	0.583	Illite	0.417	133.273	0.959	0.745
KLD101a00418	369.33	370.21	Illite	0.593	MgChlorite	0.407	214.573	0.993	0.697
KLD101a00419	370.21	371.08	MgChlorite	0.783	Illite	0.217	109.895	0.998	0.592
KLD101a00420	371.08	371.96	MgChlorite	0.533	Illite	0.467	119.227	1.03	0.551
KLD101a00421	371.96	372.89	NULL	NULL	NULL	NULL	NULL	0.975	0.393
KLD101a00422	372.89	373.82	Illite	0.765	Epidote	0.235	256.695	1.027	0.357
KLD101a00423	373.82	374.74	FeChlorite	0.761	Paragonite	0.239	198.608	1.046	0.759
KLD101a00424	374.74	375.67	NULL	NULL	NULL	NULL	NULL	0.985	1.504
KLD101a00425	375.67	376.60	Illite	0.582	Prehnite	0.418	97.947	0.933	2.502