

Cameco Australia Pty. Ltd.

Beatrice Project - EL24291- Diamond Drill Samples - TSG Clay Minerals

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0278	BTD0278.001	0.00	3.00	Montmorillonite	1	NULL	NULL	219.76	616.33
BTD0278	BTD0278.002	3.00	4.18	Montmorillonite	1	NULL	NULL	133.67	605.37
BTD0278	BTD0278.003	4.18	5.00	Montmorillonite	1	NULL	NULL	233.02	582.97
BTD0278	BTD0278.004	5.00	6.00	Montmorillonite	0.778	Kaolinite	0.222	109.63	541.46
BTD0278	BTD0278.005	6.00	6.92	Montmorillonite	1	NULL	NULL	164.95	646.87
BTD0278	BTD0278.006	6.92	8.00	Montmorillonite	1	NULL	NULL	320.59	709.05
BTD0278	BTD0278.007	8.00	8.91	Montmorillonite	1	NULL	NULL	97.493	580.26
BTD0278	BTD0278.008	8.91	9.82	Montmorillonite	1	NULL	NULL	324.28	628.12
BTD0278	BTD0278.009	9.82	10.67	Montmorillonite	1	NULL	NULL	872.74	618.88
BTD0278	BTD0278.010	10.67	12.15	Montmorillonite	1	NULL	NULL	1105.93	732.87
BTD0278	BTD0278.011	12.15	14.00	Kaolinite	0.545	Montmorillonite	0.455	110.45	737.25
BTD0278	BTD0278.012	14.00	14.86	Kaolinite	0.62	Illite	0.38	176.04	616.47
BTD0278	BTD0278.013	14.86	15.75	Illite	1	NULL	NULL	269.65	706.52
BTD0278	BTD0278.014	15.75	17.46	Kaolinite	1	NULL	NULL	956.78	597.32
BTD0278	BTD0278.015	17.46	18.37	Illite	1	NULL	NULL	477.33	769.8
BTD0278	BTD0278.016	18.37	19.23	Halloysite	1	NULL	NULL	598.05	930.24
BTD0278	BTD0278.017	19.23	21.53	Kaolinite	0.599	Illite	0.401	128.49	779.73
BTD0278	BTD0278.018	21.53	22.33	Kaolinite	0.505	Muscovite	0.495	226.41	1209.3
BTD0278	BTD0278.019	22.33	23.14	Illite	1	NULL	NULL	384.31	646.67
BTD0278	BTD0278.020	23.14	23.95	Diaspore	1	NULL	NULL	105.18	1283.7
BTD0278	BTD0278.021	23.95	24.69	Diaspore	1	NULL	NULL	134.58	1077
BTD0278	BTD0278.022	24.69	25.43	Illite	1	NULL	NULL	479.79	766.5
BTD0278	BTD0278.023	25.43	26.33	Illite	1	NULL	NULL	237.93	734.49
BTD0278	BTD0278.024	26.33	27.35	Diaspore	0.745	Wood	0.255	82.735	906.08
BTD0278	BTD0278.025	27.35	28.23	Diaspore	0.752	Wood	0.248	79.151	875.75
BTD0278	BTD0278.026	28.23	29.20	Diaspore	1	NULL	NULL	136.12	825.94
BTD0278	BTD0278.027	29.20	30.17	Diaspore	0.757	Wood	0.243	83.244	598.3
BTD0278	BTD0278.028	30.17	31.15	Diaspore	0.755	Wood	0.245	83.797	643.01
BTD0278	BTD0278.029	31.15	32.12	Diaspore	0.753	Wood	0.247	97.49	646.41
BTD0278	BTD0278.030	32.12	33.10	Diaspore	1	NULL	NULL	112.63	693.3
BTD0278	BTD0278.031	33.10	33.68	Aspectral	NULL	NULL	NULL	5000	537.69
BTD0278	BTD0278.032	33.68	34.27	Aspectral	NULL	NULL	NULL	5000	850.05
BTD0278	BTD0278.033	34.27	34.86	Illite	1	NULL	NULL	582.45	791.22
BTD0278	BTD0278.034	34.86	35.45	Aspectral	NULL	NULL	NULL	5000	657.23
BTD0278	BTD0278.035	35.45	36.04	Aspectral	NULL	NULL	NULL	5000	690.75
BTD0278	BTD0278.036	36.04	37.15	Aspectral	NULL	NULL	NULL	5000	693.83
BTD0278	BTD0278.037	37.15	38.26	Muscovite	0.619	Kaolinite	0.381	241.14	961.82
BTD0278	BTD0278.038	38.26	39.37	Illite	1	NULL	NULL	1732.31	819.81
BTD0278	BTD0278.039	39.37	40.48	Muscovite	1	NULL	NULL	277.33	852.81
BTD0278	BTD0278.040	40.48	41.59	Illite	1	NULL	NULL	670.25	957.79
BTD0278	BTD0278.041	41.59	42.70	Aspectral	NULL	NULL	NULL	5000	934.56
BTD0278	BTD0278.042	42.70	43.58	Kaolinite	1	NULL	NULL	293.53	933.24
BTD0278	BTD0278.043	43.58	44.47	Kaolinite	1	NULL	NULL	398.93	954.08
BTD0278	BTD0278.044	44.47	45.40	Illite	1	NULL	NULL	332.15	558.56
BTD0278	BTD0278.045	45.40	46.11	Aspectral	NULL	NULL	NULL	5000	897.99
BTD0278	BTD0278.046	46.11	46.90	Kaolinite	0.566	Muscovite	0.434	182.35	826.83
BTD0278	BTD0278.047	46.90	47.70	Muscovite	0.599	Kaolinite	0.401	163.66	938.41
BTD0278	BTD0278.048	47.70	48.60	Illite	1	NULL	NULL	243.21	884.37
BTD0278	BTD0278.049	48.60	49.50	Aspectral	NULL	NULL	NULL	5000	894.65

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BTD0278	BTD0278.050	49.50	50.40	Kaolinite	1	NULL	NULL	352.82	1214.7
BTD0278	BTD0278.051	50.40	51.30	Brucite	1	NULL	NULL	1372.55	818.17
BTD0278	BTD0278.052	51.30	52.20	Aspectral	NULL	NULL	NULL	5000	685.83
BTD0278	BTD0278.053	52.20	53.11	Muscovite	0.563	Kaolinite	0.437	403.67	941.32
BTD0278	BTD0278.054	53.11	53.95	Aspectral	NULL	NULL	NULL	5000	827.74
BTD0278	BTD0278.055	53.95	54.79	Muscovite	1	NULL	NULL	379.21	793.66
BTD0278	BTD0278.056	54.79	55.63	Muscovite	1	NULL	NULL	140.03	741.33
BTD0278	BTD0278.057	55.63	56.47	NULL	NULL	NULL	NULL	NULL	763.99
BTD0278	BTD0278.058	56.47	57.31	Illite	1	NULL	NULL	608.17	885.47
BTD0278	BTD0278.059	57.31	58.16	Halloysite	1	NULL	NULL	2908.83	471.31
BTD0278	BTD0278.060	58.16	59.02	Muscovite	1	NULL	NULL	213.68	515.82
BTD0278	BTD0278.061	59.02	59.88	Aspectral	NULL	NULL	NULL	5000	401.18
BTD0278	BTD0278.062	59.88	60.74	Muscovite	1	NULL	NULL	941.55	595.71
BTD0278	BTD0278.063	60.74	61.60	Kaolinite	0.579	Muscovite	0.421	109.01	645.59
BTD0278	BTD0278.064	61.60	62.46	Aspectral	NULL	NULL	NULL	5000	593.32
BTD0278	BTD0278.065	62.46	63.32	Aspectral	NULL	NULL	NULL	5000	555.04
BTD0278	BTD0278.066	63.32	64.16	Aspectral	NULL	NULL	NULL	5000	476.83
BTD0278	BTD0278.067	64.16	65.01	Kaolinite	1	NULL	NULL	206.85	489.01
BTD0278	BTD0278.068	65.01	65.85	Muscovite	0.612	Halloysite	0.388	449.21	470.79
BTD0278	BTD0278.069	65.85	66.70	Aspectral	NULL	NULL	NULL	5000	528.66
BTD0278	BTD0278.070	66.70	67.54	Muscovite	1	NULL	NULL	146.28	516
BTD0278	BTD0278.071	67.54	68.39	Muscovite	0.624	Kaolinite	0.376	205.56	579.14
BTD0278	BTD0278.072	68.39	69.26	Halloysite	1	NULL	NULL	1010.78	564.16
BTD0278	BTD0278.073	69.26	70.14	Halloysite	1	NULL	NULL	2328.82	568.87
BTD0278	BTD0278.074	70.14	71.02	Kaolinite	0.657	Muscovite	0.343	154.23	481.03
BTD0278	BTD0278.075	71.02	71.89	Muscovite	0.679	Kaolinite	0.321	121.44	595.47
BTD0278	BTD0278.076	71.89	72.77	Muscovite	0.644	Halloysite	0.356	159	662.67
BTD0278	BTD0278.077	72.77	73.65	Muscovite	1	NULL	NULL	221.87	523.14
BTD0278	BTD0278.078	73.65	74.49	Halloysite	1	NULL	NULL	605.29	546.01
BTD0278	BTD0278.079	74.49	75.33	Muscovite	0.603	Kaolinite	0.397	338.69	627.77
BTD0278	BTD0278.080	75.33	76.17	Muscovite	1	NULL	NULL	342.22	536.62
BTD0278	BTD0278.081	76.17	77.01	Muscovite	1	NULL	NULL	174.09	1009.4
BTD0278	BTD0278.082	77.01	77.85	Muscovite	0.697	Kaolinite	0.303	179.66	970.85
BTD0278	BTD0278.083	77.85	78.70	Kaolinite	0.524	Muscovite	0.476	222.73	875.41
BTD0278	BTD0278.084	78.70	79.51	Muscovite	1	NULL	NULL	535.18	727.71
BTD0278	BTD0278.085	79.51	80.32	Muscovite	0.685	Kaolinite	0.315	102.33	894.4
BTD0278	BTD0278.086	80.32	81.13	Muscovite	1	NULL	NULL	167.05	712.6
BTD0278	BTD0278.087	81.13	81.94	Muscovite	0.626	Kaolinite	0.374	211.54	894.96
BTD0278	BTD0278.088	81.94	82.75	Illite	1	NULL	NULL	195.63	760.21
BTD0278	BTD0278.089	82.75	83.56	Muscovite	0.817	Kaolinite	0.183	70.852	964.39
BTD0278	BTD0278.090	83.56	84.40	Illite	0.669	Kaolinite	0.331	66.631	797.56
BTD0278	BTD0278.091	84.40	85.24	Muscovite	0.794	Kaolinite	0.206	55.314	796.54
BTD0278	BTD0278.092	85.24	86.08	Illite	1	NULL	NULL	156.77	702.18
BTD0278	BTD0278.093	86.08	86.92	Muscovite	0.781	Dickite	0.219	168.08	407.15
BTD0278	BTD0278.094	86.92	87.76	Muscovite	1	NULL	NULL	120.54	382.16
BTD0278	BTD0278.095	87.76	88.60	Muscovite	0.646	Kaolinite	0.354	102.05	433.51
BTD0278	BTD0278.096	88.60	89.45	Muscovite	0.586	Kaolinite	0.414	153.44	429.2
BTD0278	BTD0278.097	89.45	90.30	Illite	0.727	Kaolinite	0.273	97.902	431.18
BTD0278	BTD0278.098	90.30	91.15	Illite	0.689	Kaolinite	0.311	106.35	420.39
BTD0278	BTD0278.099	91.15	92.00	Illite	1	NULL	NULL	97.116	436.66
BTD0278	BTD0278.100	92.00	92.85	Muscovite	1	NULL	NULL	206.18	486.07
BTD0278	BTD0278.101	92.85	93.70	Illite	1	NULL	NULL	357.28	518.74
BTD0278	BTD0278.102	93.70	94.37	Kaolinite	1	NULL	NULL	89.903	500.74

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BTD0278	BTD0278.103	94.37	95.04	Kaolinite	1	NULL	NULL	87.474	462.42
BTD0278	BTD0278.104	95.04	95.72	Kaolinite	1	NULL	NULL	65.653	484.13
BTD0278	BTD0278.105	95.72	96.39	Kaolinite	1	NULL	NULL	79.002	471.19
BTD0278	BTD0278.106	96.39	97.06	Kaolinite	0.523	Diaspore	0.477	66.078	738.24
BTD0278	BTD0278.107	97.06	97.74	Diaspore	0.515	Kaolinite	0.485	113.12	590.2
BTD0278	BTD0278.108	97.74	98.75	Diaspore	0.559	Illite	0.441	115.36	735.52
BTD0278	BTD0278.109	98.75	99.77	Diaspore	0.623	Kaolinite	0.377	119.14	827.23
BTD0278	BTD0278.110	99.77	100.79	Diaspore	0.529	Kaolinite	0.471	91.884	725.51
BTD0278	BTD0278.111	100.79	101.80	Diaspore	0.696	Kaolinite	0.304	145.54	730.26
BTD0278	BTD0278.112	101.80	102.82	Kaolinite	1	NULL	NULL	140.98	857.79
BTD0278	BTD0278.113	102.82	103.84	Diaspore	0.578	Illite	0.422	149.64	708.21
BTD0278	BTD0278.114	103.84	104.70	Kaolinite	0.507	Diaspore	0.493	96.103	879.84
BTD0278	BTD0278.115	104.70	105.56	Diaspore	0.532	Kaolinite	0.468	109.47	848.63
BTD0278	BTD0278.116	105.56	106.42	Kaolinite	0.508	Diaspore	0.492	100.54	1075.4
BTD0278	BTD0278.117	106.42	107.28	Diaspore	0.619	Kaolinite	0.381	125.31	950.35
BTD0278	BTD0278.118	107.28	108.14	Diaspore	1	NULL	NULL	200.47	1056.1
BTD0278	BTD0278.119	108.14	109.01	Diaspore	0.726	Wood	0.274	91.608	1128.8
BTD0278	BTD0278.120	109.01	109.87	Diaspore	0.737	Wood	0.263	91.541	889.07
BTD0278	BTD0278.121	109.87	110.74	Diaspore	0.74	Wood	0.26	88.796	1032.4
BTD0278	BTD0278.122	110.74	111.61	Diaspore	0.737	Wood	0.263	94.387	1255.6
BTD0278	BTD0278.123	111.61	112.47	Diaspore	0.727	Wood	0.273	76.97	953.49
BTD0278	BTD0278.124	112.47	113.34	Diaspore	1	NULL	NULL	241.88	937.94
BTD0278	BTD0278.125	113.34	114.21	Kaolinite	1	NULL	NULL	130.04	915.94
BTD0278	BTD0278.126	114.21	115.06	Kaolinite	1	NULL	NULL	60.411	1062.8
BTD0278	BTD0278.127	115.06	115.92	Kaolinite	0.656	Muscovite	0.344	154.13	738.11
BTD0278	BTD0278.128	115.92	116.78	Kaolinite	0.649	Muscovite	0.351	179.3	988.86
BTD0278	BTD0278.129	116.78	117.63	Kaolinite	1	NULL	NULL	388.77	897.45
BTD0278	BTD0278.130	117.63	118.49	Kaolinite	0.591	Muscovite	0.409	166.11	923.7
BTD0278	BTD0278.131	118.49	119.35	Kaolinite	1	NULL	NULL	182.25	795.31
BTD0278	BTD0278.132	119.35	120.25	Kaolinite	1	NULL	NULL	94.995	828.11
BTD0278	BTD0278.133	120.25	121.16	Kaolinite	1	NULL	NULL	46.493	834.32
BTD0278	BTD0278.134	121.16	122.07	Kaolinite	1	NULL	NULL	62.268	878.06
BTD0278	BTD0278.135	122.07	122.98	Kaolinite	1	NULL	NULL	73.969	868.19
BTD0278	BTD0278.136	122.98	123.89	Kaolinite	0.787	Muscovite	0.213	36.273	689.23
BTD0278	BTD0278.137	123.89	124.80	Kaolinite	0.754	Siderite	0.246	44.591	817.77
BTD0278	BTD0278.138	124.80	125.65	Muscovite	0.578	Kaolinite	0.422	138.09	719.12
BTD0278	BTD0278.139	125.65	126.51	Kaolinite	0.511	Muscovite	0.489	96.714	770.4
BTD0278	BTD0278.140	126.51	127.36	Kaolinite	0.736	Siderite	0.264	42.868	825.22
BTD0278	BTD0278.141	127.36	128.22	Kaolinite	1	NULL	NULL	105.62	756.5
BTD0278	BTD0278.142	128.22	129.07	Muscovite	1	NULL	NULL	352.49	794.02
BTD0278	BTD0278.143	129.07	129.93	Kaolinite	1	NULL	NULL	263.76	770.09
BTD0278	BTD0278.144	129.93	130.77	Muscovite	1	NULL	NULL	122.73	859.18
BTD0278	BTD0278.145	130.77	131.61	Halloysite	0.502	Magnesite	0.498	429.85	971.37
BTD0278	BTD0278.146	131.61	132.46	Illite	1	NULL	NULL	305.44	887.24
BTD0278	BTD0278.147	132.46	133.30	Illite	1	NULL	NULL	312.2	1270.7
BTD0278	BTD0278.148	133.30	134.14	Spectral	NULL	NULL	NULL	5000	827.98
BTD0278	BTD0278.149	134.14	134.99	Kaolinite	1	NULL	NULL	461.95	632.37
BTD0278	BTD0278.150	134.99	135.82	Spectral	NULL	NULL	NULL	5000	1022.3
BTD0278	BTD0278.151	135.82	136.72	Illite	1	NULL	NULL	217.42	1102.1
BTD0278	BTD0278.152	136.72	138.07	Illite	0.613	Kaolinite	0.387	341.48	929.81
BTD0278	BTD0278.153	138.07	139.02	Illite	0.739	Wood	0.261	101.15	1156.7
BTD0278	BTD0278.154	139.02	139.97	Kaolinite	0.754	Wood	0.246	81.962	993.5
BTD0278	BTD0278.155	139.97	140.83	Illite	1	NULL	NULL	268.6	1125.7

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BTD0278	BTD0278.156	140.83	141.70	Kaolinite	0.509	Illite	0.491	147.31	936.41
BTD0278	BTD0278.157	141.70	143.85	Illite	1	NULL	NULL	551.62	1176.7
BTD0278	BTD0278.158	143.85	144.70	Aspectral	NULL	NULL	NULL	5000	1297.3
BTD0278	BTD0278.159	144.70	146.10	Illite	0.653	Kaolinite	0.347	175.19	916.6
BTD0278	BTD0278.160	146.10	146.85	Kaolinite	1	NULL	NULL	362.62	1020.2
BTD0278	BTD0278.161	146.85	147.90	Kaolinite	1	NULL	NULL	263.6	991.4
BTD0278	BTD0278.162	147.90	148.72	Kaolinite	1	NULL	NULL	223.9	968.57
BTD0278	BTD0278.163	148.72	149.56	Kaolinite	0.672	Illite	0.328	130.2	1022.9
BTD0278	BTD0278.164	149.56	150.63	Kaolinite	1	NULL	NULL	172.97	857.72
BTD0278	BTD0278.165	150.63	151.39	Kaolinite	1	NULL	NULL	251.91	1116.6
BTD0278	BTD0278.166	151.39	152.15	Kaolinite	1	NULL	NULL	733.64	872.01
BTD0278	BTD0278.167	152.15	153.00	Illite	0.586	Kaolinite	0.414	437.34	945.21
BTD0278	BTD0278.168	153.00	153.82	Kaolinite	0.638	Illite	0.362	96.685	1038.6
BTD0278	BTD0278.169	153.82	154.68	Diaspore	1	NULL	NULL	97.623	1169
BTD0278	BTD0278.170	154.68	155.54	Diaspore	1	NULL	NULL	110.43	1336
BTD0278	BTD0278.171	155.54	156.41	Diaspore	1	NULL	NULL	113.38	1228.4
BTD0278	BTD0278.172	156.41	157.27	Diaspore	1	NULL	NULL	139.9	1141.6
BTD0278	BTD0278.173	157.27	158.14	Diaspore	0.753	Kaolinite	0.247	122.28	1549.1
BTD0278	BTD0278.174	158.14	159.00	Diaspore	0.789	Wood	0.211	77.976	1189.6
BTD0278	BTD0278.175	159.00	159.80	Diaspore	0.675	Kaolinite	0.325	74.861	1281.1
BTD0278	BTD0278.176	159.80	160.70	Diaspore	0.737	Muscovite	0.263	99.614	1064.4
BTD0278	BTD0278.177	160.70	161.48	Diaspore	1	NULL	NULL	100.92	1141.3
BTD0278	BTD0278.178	161.48	162.26	Diaspore	0.794	Halloysite	0.206	129.87	986.88
BTD0278	BTD0278.179	162.26	163.04	Diaspore	1	NULL	NULL	167.93	857.87
BTD0278	BTD0278.180	163.04	163.87	Diaspore	1	NULL	NULL	200.8	942.25
BTD0278	BTD0278.181	163.87	164.71	Diaspore	1	NULL	NULL	115.67	927.54
BTD0278	BTD0278.182	164.71	165.54	Diaspore	1	NULL	NULL	189.13	621.5
BTD0278	BTD0278.183	165.54	166.38	Diaspore	0.718	Kaolinite	0.282	125.56	875.64
BTD0278	BTD0278.184	166.38	167.30	Diaspore	0.687	Kaolinite	0.313	113.25	697.02
BTD0278	BTD0278.185	167.30	168.03	Diaspore	0.751	Halloysite	0.249	183.35	626.31
BTD0278	BTD0278.186	168.03	168.83	Diaspore	0.687	Illite	0.313	105.33	800.44
BTD0278	BTD0278.187	168.83	169.63	Diaspore	1	NULL	NULL	231.4	427.45
BTD0278	BTD0278.188	169.63	170.43	Diaspore	0.703	Muscovite	0.297	94.716	726.33
BTD0278	BTD0278.189	170.43	171.23	Diaspore	1	NULL	NULL	215.44	679.7
BTD0278	BTD0278.190	171.23	172.03	Diaspore	0.692	Illite	0.308	90.444	691.12
BTD0278	BTD0278.191	172.03	172.83	Diaspore	0.686	Illite	0.314	105.45	548.85
BTD0278	BTD0278.192	172.83	173.68	Kaolinite	0.704	Illite	0.296	51.153	458.57
BTD0278	BTD0278.193	173.68	174.54	Muscovite	1	NULL	NULL	241.81	467.92
BTD0278	BTD0278.194	174.54	175.40	Kaolinite	0.714	Muscovite	0.286	91.123	458.42
BTD0278	BTD0278.195	175.40	176.25	Kaolinite	1	NULL	NULL	153.91	600.13
BTD0278	BTD0278.196	176.25	177.11	Muscovite	0.792	Kaolinite	0.208	84.213	526.13
BTD0278	BTD0278.197	177.11	177.97	Kaolinite	1	NULL	NULL	164.92	539.35
BTD0278	BTD0278.198	177.97	178.82	Kaolinite	1	NULL	NULL	102.71	517.42
BTD0278	BTD0278.199	178.82	179.68	Kaolinite	0.529	Muscovite	0.471	222.57	655.77
BTD0278	BTD0278.200	179.68	180.54	Kaolinite	0.655	Muscovite	0.345	124.89	515.25
BTD0278	BTD0278.201	180.54	181.39	Kaolinite	1	NULL	NULL	199.9	539.15
BTD0278	BTD0278.202	181.39	182.25	Kaolinite	1	NULL	NULL	835.47	713.7
BTD0278	BTD0278.203	182.25	183.11	Muscovite	0.563	Kaolinite	0.437	403.5	616.16
BTD0278	BTD0278.204	183.11	183.95	Muscovite	1	NULL	NULL	140.44	551.55
BTD0278	BTD0278.205	183.95	184.79	Kaolinite	1	NULL	NULL	186.49	589.06
BTD0278	BTD0278.206	184.79	185.63	Halloysite	1	NULL	NULL	492.77	479.78
BTD0278	BTD0278.207	185.63	186.47	Kaolinite	1	NULL	NULL	238.27	466.32
BTD0278	BTD0278.208	186.47	187.31	Kaolinite	1	NULL	NULL	274.7	532.6

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0278	BTD0278.209	187.31	188.16	Muscovite	0.633	Kaolinite	0.367	95.093	508.84
BTD0278	BTD0278.210	188.16	188.88	Kaolinite	0.606	Muscovite	0.394	243.81	764.7
BTD0278	BTD0278.211	188.88	189.60	Kaolinite	1	NULL	NULL	294.32	889.96
BTD0278	BTD0278.212	189.60	190.40	Kaolinite	0.543	Muscovite	0.457	73.461	659.63
BTD0278	BTD0278.213	190.40	191.00	Kaolinite	1	NULL	NULL	278.98	945.86
BTD0278	BTD0278.214	191.00	191.85	Kaolinite	0.579	Muscovite	0.421	193.32	929.57
BTD0278	BTD0278.215	191.85	192.70	Kaolinite	1	NULL	NULL	572.83	935.25
BTD0278	BTD0278.216	192.70	193.58	Kaolinite	1	NULL	NULL	292.15	1011.4
BTD0278	BTD0278.217	193.58	194.46	Kaolinite	0.531	Muscovite	0.469	153.49	1177.7
BTD0278	BTD0278.218	194.46	195.35	Kaolinite	1	NULL	NULL	69.496	639.25
BTD0278	BTD0278.219	195.35	196.23	Kaolinite	0.735	Muscovite	0.265	59.178	608.61
BTD0278	BTD0278.220	196.23	197.11	Kaolinite	1	NULL	NULL	142.47	650.68
BTD0278	BTD0278.221	197.11	198.00	Muscovite	0.695	Kaolinite	0.305	199.86	685.73
BTD0278	BTD0278.222	198.00	198.89	Kaolinite	1	NULL	NULL	394.77	819.25
BTD0278	BTD0278.223	198.89	199.79	Kaolinite	1	NULL	NULL	85.354	759.71
BTD0278	BTD0278.224	199.79	200.68	Halloysite	1	NULL	NULL	789.91	792.63
BTD0278	BTD0278.225	200.68	201.58	Kaolinite	1	NULL	NULL	238.89	652.52
BTD0278	BTD0278.226	201.58	202.47	Illite	1	NULL	NULL	936.16	662.31
BTD0278	BTD0278.227	202.47	203.37	Kaolinite	0.622	Muscovite	0.378	56.329	760.06
BTD0278	BTD0278.228	203.37	204.22	Kaolinite	0.646	Muscovite	0.354	81.481	697.55
BTD0278	BTD0278.229	204.22	205.08	Illite	1	NULL	NULL	434.34	696.8
BTD0278	BTD0278.230	205.08	205.94	Muscovite	0.573	Kaolinite	0.427	80.047	721.04
BTD0278	BTD0278.231	205.94	206.80	Aspectral	NULL	NULL	NULL	5000	698.29
BTD0278	BTD0278.232	206.80	207.66	Kaolinite	0.642	Muscovite	0.358	177.47	820.51
BTD0278	BTD0278.233	207.66	208.52	Aspectral	NULL	NULL	NULL	5000	732.24
BTD0278	BTD0278.234	208.52	209.35	Aspectral	NULL	NULL	NULL	5000	774.79
BTD0278	BTD0278.235	209.35	210.18	Muscovite	1	NULL	NULL	166.86	806.72
BTD0278	BTD0278.236	210.18	211.01	Muscovite	1	NULL	NULL	63.047	764.4
BTD0278	BTD0278.237	211.01	211.84	Muscovite	1	NULL	NULL	128.24	655.65
BTD0278	BTD0278.238	211.84	212.67	Muscovite	1	NULL	NULL	152.02	642.38
BTD0278	BTD0278.239	212.67	213.50	Muscovite	1	NULL	NULL	717.86	729.55
BTD0278	BTD0278.240	213.50	214.40	Muscovite	1	NULL	NULL	380.53	408.83
BTD0278	BTD0278.241	214.40	215.30	Muscovite	1	NULL	NULL	406.12	426.83
BTD0278	BTD0278.242	215.30	216.21	Muscovite	1	NULL	NULL	189.37	389.24
BTD0278	BTD0278.243	216.21	217.11	Muscovite	1	NULL	NULL	298.75	358.85
BTD0278	BTD0278.244	217.11	218.01	Illite	1	NULL	NULL	167.73	368.01
BTD0278	BTD0278.245	218.01	218.92	Muscovite	1	NULL	NULL	280.65	359.01
BTD0278	BTD0278.246	218.92	219.76	Muscovite	1	NULL	NULL	166.11	376.01
BTD0278	BTD0278.247	219.76	220.61	Muscovite	1	NULL	NULL	481.6	373.62
BTD0278	BTD0278.248	220.61	221.46	Muscovite	1	NULL	NULL	110.56	351.44
BTD0278	BTD0278.249	221.46	222.30	Muscovite	1	NULL	NULL	143.15	318.46
BTD0278	BTD0278.250	222.30	223.15	Muscovite	1	NULL	NULL	127.32	319.26
BTD0278	BTD0278.251	223.15	224.00	Muscovite	1	NULL	NULL	375.54	344.74
BTD0278	BTD0278.252	224.00	224.86	Halloysite	1	NULL	NULL	2841.74	466.31
BTD0278	BTD0278.253	224.86	225.72	Illite	1	NULL	NULL	84.714	385.74
BTD0278	BTD0278.254	225.72	226.59	Illite	1	NULL	NULL	81.326	311.64
BTD0278	BTD0278.255	226.59	227.45	Illite	1	NULL	NULL	117.52	410.53
BTD0278	BTD0278.256	227.45	228.31	Illite	1	NULL	NULL	220.94	433.53
BTD0278	BTD0278.257	228.31	229.18	Illite	1	NULL	NULL	110.42	362.99
BTD0278	BTD0278.258	229.18	230.04	Illite	1	NULL	NULL	123.98	307.72
BTD0278	BTD0278.259	230.04	230.90	Illite	1	NULL	NULL	122.45	329.35
BTD0278	BTD0278.260	230.90	231.76	Illite	1	NULL	NULL	55.226	1025.5
BTD0278	BTD0278.261	231.76	232.62	Illite	1	NULL	NULL	90.861	843.24

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0278	BTD0278.262	232.62	233.48	Illite	1	NULL	NULL	182.59	881.6
BTD0278	BTD0278.263	233.48	234.34	Muscovite	1	NULL	NULL	122.31	1186.8
BTD0278	BTD0278.264	234.34	235.17	Illite	1	NULL	NULL	57.466	721.78
BTD0278	BTD0278.265	235.17	236.01	Illite	1	NULL	NULL	55.502	892.02
BTD0278	BTD0278.266	236.01	236.84	Illite	1	NULL	NULL	121.66	876.19
BTD0278	BTD0278.267	236.84	237.68	Illite	1	NULL	NULL	100.98	1046.3
BTD0278	BTD0278.268	237.68	238.51	Illite	1	NULL	NULL	92.767	856.7
BTD0278	BTD0278.269	238.51	239.35	Illite	0.799	Kaolinite	0.201	84.816	1195
BTD0278	BTD0278.270	239.35	240.27	Illite	1	NULL	NULL	92.756	685.31
BTD0278	BTD0278.271	240.27	241.19	Kaolinite	0.685	Muscovite	0.315	74.495	779.18
BTD0278	BTD0278.272	241.19	242.11	Muscovite	1	NULL	NULL	128.18	900.83
BTD0278	BTD0278.273	242.11	243.03	Muscovite	1	NULL	NULL	253.46	856.79
BTD0278	BTD0278.274	243.03	243.96	Muscovite	1	NULL	NULL	176.88	990.35
BTD0278	BTD0278.275	243.96	244.76	Illite	1	NULL	NULL	93.018	1071.3
BTD0278	BTD0278.276	244.76	246.10	Illite	1	NULL	NULL	214.93	1172.1
BTD0278	BTD0278.277	246.10	247.01	Illite	0.765	Kaolinite	0.235	59.617	1127.5
BTD0278	BTD0278.278	247.01	247.92	Kaolinite	0.587	Muscovite	0.413	38.35	939.14
BTD0278	BTD0278.279	247.92	248.83	Illite	1	NULL	NULL	82.956	952
BTD0278	BTD0278.280	248.83	249.63	Muscovite	0.631	Kaolinite	0.369	62.516	957.38
BTD0278	BTD0278.281	249.63	250.60	Illite	0.7	Kaolinite	0.3	94.762	913.58
BTD0278	BTD0278.282	250.60	251.47	Illite	0.77	Kaolinite	0.23	95.862	1060.8
BTD0278	BTD0278.283	251.47	252.34	Illite	0.601	Kaolinite	0.399	92.817	1034.4
BTD0278	BTD0278.284	252.34	253.22	Muscovite	0.571	Kaolinite	0.429	73.643	985.02
BTD0278	BTD0278.285	253.22	254.09	Illite	0.774	Kaolinite	0.226	102.54	1093.7
BTD0278	BTD0278.286	254.09	254.96	Illite	0.543	Kaolinite	0.457	72.428	959.72
BTD0278	BTD0278.287	254.96	255.84	Illite	0.585	Kaolinite	0.415	55.802	819.67
BTD0278	BTD0278.288	255.84	256.68	Muscovite	0.677	Kaolinite	0.323	108.87	782.62
BTD0278	BTD0278.289	256.68	257.53	Kaolinite	0.515	Illite	0.485	154.44	927.41
BTD0278	BTD0278.290	257.53	258.37	Illite	1	NULL	NULL	109.45	966.72
BTD0278	BTD0278.291	258.37	259.22	Muscovite	1	NULL	NULL	253.66	1108.5
BTD0278	BTD0278.292	259.22	260.10	Kaolinite	1	NULL	NULL	45.091	798.19
BTD0278	BTD0278.293	260.10	260.94	Muscovite	0.605	Kaolinite	0.395	153.35	962.15
BTD0278	BTD0278.294	260.94	262.20	Muscovite	1	NULL	NULL	326.01	1025.4
BTD0278	BTD0278.295	262.20	262.80	Spectral	NULL	NULL	NULL	5000	1222.4
BTD0278	BTD0278.296	262.80	264.70	Muscovite	1	NULL	NULL	321.86	1186.4
BTD0278	BTD0278.297	264.70	266.07	Muscovite	0.577	Siderite	0.423	135.78	1093.3
BTD0278	BTD0278.298	266.07	266.83	Illite	1	NULL	NULL	1155.52	1158.3
BTD0278	BTD0278.299	266.83	267.60	Kaolinite	0.53	Muscovite	0.47	104.19	1238.2
BTD0278	BTD0278.300	267.60	268.80	Muscovite	1	NULL	NULL	364.44	896.39
BTD0278	BTD0278.301	268.80	269.48	Muscovite	1	NULL	NULL	394.27	1243
BTD0278	BTD0278.302	269.48	270.36	Illite	1	NULL	NULL	254.66	1180.2
BTD0278	BTD0278.303	270.36	271.27	Muscovite	1	NULL	NULL	261.22	1153.6
BTD0278	BTD0278.304	271.27	272.08	Muscovite	1	NULL	NULL	147.65	1008.6
BTD0278	BTD0278.305	272.08	272.90	Kaolinite	0.61	Illite	0.39	344.61	1100.7
BTD0278	BTD0278.306	272.90	273.70	Illite	1	NULL	NULL	584.18	980.82
BTD0278	BTD0278.307	273.70	275.90	Illite	1	NULL	NULL	203.67	1117.9
BTD0278	BTD0278.308	275.90	276.90	Illite	1	NULL	NULL	496.57	1055.9
BTD0278	BTD0278.309	276.90	277.73	Illite	1	NULL	NULL	361.59	987.72
BTD0278	BTD0278.310	277.73	278.56	Muscovite	1	NULL	NULL	311.22	929.08
BTD0278	BTD0278.311	278.56	279.40	Illite	1	NULL	NULL	278.82	966.92
BTD0278	BTD0278.312	279.40	280.23	Illite	1	NULL	NULL	206.86	1046.3
BTD0278	BTD0278.313	280.23	281.07	Muscovite	1	NULL	NULL	82.955	1165.1
BTD0278	BTD0278.314	281.07	281.91	Muscovite	0.66	Kaolinite	0.34	136.29	960.61

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0278	BTD0278.315	281.91	282.74	Illite	1	NULL	NULL	131.27	1040.6
BTD0278	BTD0278.316	282.74	283.58	Illite	1	NULL	NULL	81.897	989.46
BTD0278	BTD0278.317	283.58	284.42	Muscovite	1	NULL	NULL	246.76	710.44
BTD0278	BTD0278.318	284.42	285.28	Muscovite	1	NULL	NULL	116.44	1022.8
BTD0278	BTD0278.319	285.28	286.14	Illite	1	NULL	NULL	161.63	958.78
BTD0278	BTD0278.320	286.14	287.00	Muscovite	1	NULL	NULL	489.75	834.31
BTD0278	BTD0278.321	287.00	287.86	Muscovite	1	NULL	NULL	302.74	718.66
BTD0278	BTD0278.322	287.86	288.72	Muscovite	1	NULL	NULL	202.08	606.4
BTD0279	BTD0279.001	0.00	1.22	Kaolinite	0.579	Illite	0.421	107.09	2677.2
BTD0279	BTD0279.002	1.22	2.45	Halloysite	1	NULL	NULL	203.63	2881
BTD0279	BTD0279.003	2.45	3.68	Montmorillonite	0.51	Halloysite	0.49	182.18	2847.6
BTD0279	BTD0279.004	3.68	4.91	Kaolinite	0.739	Illite	0.261	57.104	2195.6
BTD0279	BTD0279.005	4.91	6.14	Kaolinite	0.58	Illite	0.42	116.05	2544.4
BTD0279	BTD0279.006	6.14	7.27	Kaolinite	0.715	Illite	0.285	67.701	2915.4
BTD0279	BTD0279.007	7.27	8.40	Kaolinite	0.652	Muscovite	0.348	61.214	3237.6
BTD0279	BTD0279.008	8.40	9.54	Kaolinite	0.579	Muscovite	0.421	62.581	3295
BTD0279	BTD0279.009	9.54	10.67	Illite	0.717	Halloysite	0.283	75.793	2869.3
BTD0279	BTD0279.010	10.67	11.81	Illite	0.626	Halloysite	0.374	86.784	2395.7
BTD0279	BTD0279.011	11.81	12.68	Halloysite	0.509	Muscovite	0.491	83.688	2773.4
BTD0279	BTD0279.012	12.68	13.55	Kaolinite	0.636	Illite	0.364	80.495	2946.7
BTD0279	BTD0279.013	13.55	14.43	Halloysite	0.515	Montmorillonite	0.485	90.322	2573.9
BTD0279	BTD0279.014	14.43	15.30	Halloysite	0.648	Kaolinite	0.352	87.233	3058.1
BTD0279	BTD0279.015	15.30	16.18	Kaolinite	0.662	Illite	0.338	77.14	2791.1
BTD0279	BTD0279.016	16.18	17.04	Illite	0.658	Halloysite	0.342	120.27	3375.3
BTD0279	BTD0279.017	17.04	17.90	Kaolinite	0.662	Illite	0.338	127.28	2434.8
BTD0279	BTD0279.018	17.90	18.76	Halloysite	0.511	Illite	0.489	212.98	2298.7
BTD0279	BTD0279.019	18.76	19.62	Montmorillonite	0.702	Halloysite	0.298	122.32	2761.1
BTD0279	BTD0279.020	19.62	20.49	MgChlorite	0.599	Illite	0.401	86.205	2626.1
BTD0279	BTD0279.021	20.49	21.28	MgChlorite	0.551	Phengite	0.449	127.29	1739.5
BTD0279	BTD0279.022	21.28	22.07	Phengite	0.527	MgChlorite	0.473	112.28	1383.4
BTD0279	BTD0279.023	22.07	22.87	MgChlorite	0.611	Illite	0.389	85.105	1378.7
BTD0279	BTD0279.024	22.87	23.66	MgChlorite	0.667	Illite	0.333	72.938	1187.2
BTD0279	BTD0279.025	23.66	24.46	MgChlorite	0.832	Illite	0.168	79.578	1424.6
BTD0279	BTD0279.026	24.46	25.31	MgChlorite	0.76	Illite	0.24	57.214	2062.9
BTD0279	BTD0279.027	25.31	26.16	MgChlorite	0.723	Phengite	0.277	114.52	1297.6
BTD0279	BTD0279.028	26.16	27.02	MgChlorite	0.723	Phengite	0.277	108.96	1345.4
BTD0279	BTD0279.029	27.02	27.87	MgChlorite	0.769	Illite	0.231	101.32	1083.4
BTD0279	BTD0279.030	27.87	28.73	FeChlorite	0.526	MgChlorite	0.474	43.964	1263.7
BTD0279	BTD0279.031	28.73	29.57	FeChlorite	0.541	MgChlorite	0.459	48.204	1145.7
BTD0279	BTD0279.032	29.57	30.42	Opal	1	NULL	NULL	320.67	1439.2
BTD0279	BTD0279.033	30.42	31.26	MgChlorite	0.546	Illite	0.454	48.672	1661.4
BTD0279	BTD0279.034	31.26	32.11	Phengite	1	NULL	NULL	334.56	1132.3
BTD0279	BTD0279.035	32.11	32.96	Muscovite	0.567	MgChlorite	0.433	124.25	1477.7
BTD0279	BTD0279.036	32.96	33.82	Illite	1	NULL	NULL	987.62	1335.4
BTD0279	BTD0279.037	33.82	34.68	Muscovite	0.62	Brucite	0.38	643.31	1380.1
BTD0279	BTD0279.038	34.68	35.55	Illite	0.559	Magnesite	0.441	277.66	1394.4
BTD0279	BTD0279.039	35.55	36.41	Illite	1	NULL	NULL	2854.62	1082.4
BTD0279	BTD0279.040	36.41	37.28	Illite	0.676	Epidote	0.324	644.83	1116
BTD0279	BTD0279.041	37.28	38.09	MgChlorite	0.703	Illite	0.297	222.68	1322.6
BTD0279	BTD0279.042	38.09	38.91	Illite	0.542	FeChlorite	0.458	70.971	1331.8
BTD0279	BTD0279.043	38.91	39.73	Illite	1	NULL	NULL	123.46	963.16
BTD0279	BTD0279.044	39.73	40.55	Illite	0.54	MgChlorite	0.46	207.21	1428.8
BTD0279	BTD0279.045	40.55	41.37	Illite	1	NULL	NULL	543.21	1278

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0279	BTD0279.046	41.37	42.23	FeTourmaline	1	NULL	NULL	587.51	1460.4
BTD0279	BTD0279.047	42.23	43.09	Illite	0.724	Brucite	0.276	550.96	1064.5
BTD0279	BTD0279.048	43.09	43.95	FeTourmaline	0.752	Brucite	0.248	490.85	1148.8
BTD0279	BTD0279.049	43.95	44.81	Phengite	1	NULL	NULL	394.98	1344.3
BTD0279	BTD0279.050	44.81	45.67	Siderite	0.639	Muscovite	0.361	199.97	1267.2
BTD0279	BTD0279.051	45.67	46.38	IntChlorite	0.6	Illite	0.4	120.99	1202.9
BTD0279	BTD0279.052	46.38	47.09	MgChlorite	0.733	Illite	0.267	141.05	1311.6
BTD0279	BTD0279.053	47.09	47.80	MgChlorite	0.58	Muscovite	0.42	129.06	1077.4
BTD0279	BTD0279.054	47.80	48.51	MgChlorite	0.672	Muscovite	0.328	136.75	860.42
BTD0279	BTD0279.055	48.51	49.22	MgChlorite	0.635	Muscovite	0.365	96.755	825.26
BTD0279	BTD0279.056	49.22	50.17	Illite	1	NULL	NULL	481.9	853.2
BTD0279	BTD0279.057	50.17	51.13	IntChlorite	0.71	Muscovite	0.29	101.38	983.75
BTD0279	BTD0279.058	51.13	52.09	MgChlorite	0.66	Muscovite	0.34	71.983	1156.8
BTD0279	BTD0279.059	52.09	53.05	MgChlorite	0.614	Phengite	0.386	137.21	1205.1
BTD0279	BTD0279.060	53.05	54.01	IntChlorite	0.637	Muscovite	0.363	68.884	1324.4
BTD0279	BTD0279.061	54.01	54.87	IntChlorite	0.655	Muscovite	0.345	65.514	1630.1
BTD0279	BTD0279.062	54.87	55.73	IntChlorite	0.709	Muscovite	0.291	84.591	1365.8
BTD0279	BTD0279.063	55.73	56.59	Illite	0.633	MgChlorite	0.367	82.545	1497.1
BTD0279	BTD0279.064	56.59	57.45	FeChlorite	1	NULL	NULL	86.997	1366.8
BTD0279	BTD0279.065	57.45	58.32	IntChlorite	0.574	Muscovite	0.426	77.749	1116.2
BTD0279	BTD0279.066	58.32	59.20	Muscovite	0.543	IntChlorite	0.457	77.079	1576
BTD0279	BTD0279.067	59.20	60.08	Illite	1	NULL	NULL	93.816	1496.5
BTD0279	BTD0279.068	60.08	60.96	Muscovite	1	NULL	NULL	119.65	1428.6
BTD0279	BTD0279.069	60.96	61.84	IntChlorite	0.505	Muscovite	0.495	76.288	1457.1
BTD0279	BTD0279.070	61.84	62.72	Muscovite	0.645	IntChlorite	0.355	79.412	1574.4
BTD0279	BTD0279.071	62.72	63.54	IntChlorite	0.643	Muscovite	0.357	102.06	1371.5
BTD0279	BTD0279.072	63.54	64.36	IntChlorite	0.678	Muscovite	0.322	75.601	1109.6
BTD0279	BTD0279.073	64.36	65.18	MgChlorite	0.659	Illite	0.341	160.73	1305.4
BTD0279	BTD0279.074	65.18	66.00	MgChlorite	0.746	Illite	0.254	101.04	1276.5
BTD0279	BTD0279.075	66.00	66.83	Aspectral	NULL	NULL	NULL	5000	1320.1
BTD0279	BTD0279.076	66.83	67.65	Brucite	1	NULL	NULL	731.62	1324.1
BTD0279	BTD0279.077	67.65	68.47	MgChlorite	0.565	Opal	0.435	176.27	1106.1
BTD0279	BTD0279.078	68.47	69.30	MgChlorite	0.615	Illite	0.385	324.4	1194.3
BTD0279	BTD0279.079	69.30	70.12	MgChlorite	0.634	Montmorillonite	0.366	140.82	1035.6
BTD0279	BTD0279.080	70.12	70.95	Aspectral	NULL	NULL	NULL	5000	1271.5
BTD0279	BTD0279.081	70.95	71.76	MgChlorite	0.712	Illite	0.288	69.206	1229.8
BTD0279	BTD0279.082	71.76	72.58	IntChlorite	0.629	Montmorillonite	0.371	61.824	1076.2
BTD0279	BTD0279.083	72.58	73.39	IntChlorite	0.695	Muscovite	0.305	64.56	1100.6
BTD0279	BTD0279.084	73.39	74.21	Muscovite	1	NULL	NULL	311.19	982.26
BTD0279	BTD0279.085	74.21	75.02	Aspectral	NULL	NULL	NULL	5000	1032.2
BTD0279	BTD0279.086	75.02	75.84	MgChlorite	0.613	Illite	0.387	118.12	1056.5
BTD0279	BTD0279.087	75.84	76.66	IntChlorite	0.817	Muscovite	0.183	54.394	1004.4
BTD0279	BTD0279.088	76.66	77.48	IntChlorite	0.768	Illite	0.232	60.327	1157.5
BTD0279	BTD0279.089	77.48	78.30	MgChlorite	0.513	Illite	0.487	70.023	1148.1
BTD0279	BTD0279.090	78.30	79.12	IntChlorite	0.604	Illite	0.396	110.79	1082
BTD0279	BTD0279.091	79.12	79.94	IntChlorite	0.806	Muscovite	0.194	67.987	1220.7
BTD0279	BTD0279.092	79.94	80.76	Illite	0.558	Siderite	0.442	142.98	1065.7
BTD0279	BTD0279.093	80.76	81.68	Illite	1	NULL	NULL	405.78	946.31
BTD0279	BTD0279.094	81.68	82.59	FeTourmaline	0.798	Brucite	0.202	292.25	1205.5
BTD0279	BTD0279.095	82.59	83.50	Siderite	0.645	Illite	0.355	191.56	1089.2
BTD0279	BTD0279.096	83.50	84.41	Illite	1	NULL	NULL	535.81	1115.5
BTD0279	BTD0279.097	84.41	85.32	Aspectral	NULL	NULL	NULL	5000	1078.6
BTD0279	BTD0279.098	85.32	86.23	Siderite	0.593	Illite	0.407	238.35	933.29

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0279	BTD0279.099	86.23	87.11	MgChlorite	0.506	Illite	0.494	255.8	1252.5
BTD0279	BTD0279.100	87.11	87.99	Aspectral	NULL	NULL	NULL	5000	933.19
BTD0279	BTD0279.101	87.99	88.87	Illite	1	NULL	NULL	358.27	1267
BTD0279	BTD0279.102	88.87	89.75	Muscovite	1	NULL	NULL	430.92	910.62
BTD0279	BTD0279.103	89.75	90.63	Aspectral	NULL	NULL	NULL	5000	813.55
BTD0279	BTD0279.104	90.63	91.51	FeChlorite	1	NULL	NULL	390.47	1105.7
BTD0279	BTD0279.105	91.51	92.40	MgChlorite	0.585	Illite	0.415	332.1	967.62
BTD0279	BTD0279.106	92.40	93.28	Muscovite	1	NULL	NULL	752.75	1222
BTD0279	BTD0279.107	93.28	94.16	Aspectral	NULL	NULL	NULL	5000	931.06
BTD0279	BTD0279.108	94.16	95.05	Illite	1	NULL	NULL	1321.46	936.28
BTD0279	BTD0279.109	95.05	95.93	Aspectral	NULL	NULL	NULL	5000	847.47
BTD0279	BTD0279.110	95.93	96.81	Aspectral	NULL	NULL	NULL	5000	1130.4
BTD0279	BTD0279.111	96.81	97.73	MgChlorite	0.563	Illite	0.437	115.08	1038.4
BTD0279	BTD0279.112	97.73	98.64	MgChlorite	0.599	Illite	0.401	275.15	1182.2
BTD0279	BTD0279.113	98.64	99.55	Aspectral	NULL	NULL	NULL	5000	996.7
BTD0279	BTD0279.114	99.55	100.46	Siderite	0.582	Illite	0.418	260.22	955.37
BTD0279	BTD0279.115	100.46	101.37	Aspectral	NULL	NULL	NULL	5000	1018.5
BTD0279	BTD0279.116	101.37	102.29	Aspectral	NULL	NULL	NULL	5000	1022.5
BTD0279	BTD0279.117	102.29	103.17	Muscovite	1	NULL	NULL	340.48	995.79
BTD0279	BTD0279.118	103.17	104.06	Aspectral	NULL	NULL	NULL	5000	819.31
BTD0279	BTD0279.119	104.06	104.94	Illite	0.658	Jarosite	0.342	597.91	1045.2
BTD0279	BTD0279.120	104.94	105.83	Aspectral	NULL	NULL	NULL	5000	1202.1
BTD0279	BTD0279.121	105.83	106.71	Brucite	1	NULL	NULL	921.43	1201.6
BTD0279	BTD0279.122	106.71	107.60	Aspectral	NULL	NULL	NULL	5000	1081.4
BTD0279	BTD0279.123	107.60	108.44	Brucite	1	NULL	NULL	1376.31	1354.2
BTD0279	BTD0279.124	108.44	109.28	Illite	1	NULL	NULL	387.65	1326.5
BTD0279	BTD0279.125	109.28	110.13	Aspectral	NULL	NULL	NULL	5000	1174.4
BTD0279	BTD0279.126	110.13	110.97	Aspectral	NULL	NULL	NULL	5000	1393.8
BTD0279	BTD0279.127	110.97	111.81	Illite	1	NULL	NULL	420.09	803.91
BTD0279	BTD0279.128	111.81	112.66	Illite	0.639	Dolomite	0.361	286.71	1298
BTD0279	BTD0279.129	112.66	113.52	MgChlorite	0.732	Illite	0.268	74.462	1004.7
BTD0279	BTD0279.130	113.52	114.39	MgChlorite	0.728	Illite	0.272	125.6	980.76
BTD0279	BTD0279.131	114.39	115.26	FeChlorite	0.639	MgChlorite	0.361	48.423	1671.7
BTD0279	BTD0279.132	115.26	116.13	MgChlorite	1	NULL	NULL	102.9	1495
BTD0279	BTD0279.133	116.13	117.00	IntChlorite	1	NULL	NULL	73.773	1418.7
BTD0279	BTD0279.134	117.00	117.87	FeChlorite	0.774	MgChlorite	0.226	31.708	1067.6
BTD0279	BTD0279.135	117.87	118.73	IntChlorite	0.593	Illite	0.407	69.729	1515.1
BTD0279	BTD0279.136	118.73	119.59	IntChlorite	0.757	Illite	0.243	47.587	962.09
BTD0279	BTD0279.137	119.59	120.45	FeChlorite	0.77	MgChlorite	0.23	29.299	1320.5
BTD0279	BTD0279.138	120.45	121.31	Muscovite	0.532	IntChlorite	0.468	67.663	1147
BTD0279	BTD0279.139	121.31	122.17	IntChlorite	0.717	Illite	0.283	51.921	1372.7
BTD0279	BTD0279.140	122.17	123.03	MgChlorite	0.572	Illite	0.428	93.417	1379.5
BTD0279	BTD0279.141	123.03	123.90	IntChlorite	0.593	Illite	0.407	66.747	1682.8
BTD0279	BTD0279.142	123.90	124.78	Muscovite	0.527	IntChlorite	0.473	55.607	1648.2
BTD0279	BTD0279.143	124.78	125.66	IntChlorite	0.513	Muscovite	0.487	60.815	1835.6
BTD0279	BTD0279.144	125.66	126.53	Illite	0.691	MgChlorite	0.309	64.259	1233.5
BTD0279	BTD0279.145	126.53	127.41	IntChlorite	0.675	Illite	0.325	75.799	1382.4
BTD0279	BTD0279.146	127.41	128.29	FeChlorite	0.701	Illite	0.299	53.005	1206.6
BTD0279	BTD0279.147	128.29	129.15	Illite	0.657	Phengite	0.343	96.9	1954.9
BTD0279	BTD0279.148	129.15	130.01	IntChlorite	0.746	Muscovite	0.254	64.789	1146.3
BTD0279	BTD0279.149	130.01	130.88	MgChlorite	0.697	Muscovite	0.303	68.623	1792.3
BTD0279	BTD0279.150	130.88	131.74	IntChlorite	0.716	Illite	0.284	60.001	1093.5
BTD0279	BTD0279.151	131.74	132.60	IntChlorite	0.735	Illite	0.265	88.624	1419

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0279	BTD0279.152	132.60	133.47	IntChlorite	0.701	Muscovite	0.299	86.435	1398.7
BTD0279	BTD0279.153	133.47	134.31	IntChlorite	0.735	Muscovite	0.265	50.304	1331.5
BTD0279	BTD0279.154	134.31	135.16	Muscovite	0.64	IntChlorite	0.36	96.682	1763.4
BTD0279	BTD0279.155	135.16	136.01	Muscovite	0.59	IntChlorite	0.41	55.472	1250.5
BTD0279	BTD0279.156	136.01	136.85	FeChlorite	0.726	Muscovite	0.274	53.78	1563.9
BTD0279	BTD0279.157	136.85	137.70	Muscovite	0.523	IntChlorite	0.477	74.665	1202.6
BTD0279	BTD0279.158	137.70	138.55	Muscovite	1	NULL	NULL	175.51	1014.6
BTD0279	BTD0279.159	138.55	139.39	Muscovite	0.688	IntChlorite	0.312	67.657	1522.8
BTD0279	BTD0279.160	139.39	140.23	Muscovite	1	NULL	NULL	162.57	1533.2
BTD0279	BTD0279.161	140.23	141.07	Illite	0.65	Phengite	0.35	51.851	1728.7
BTD0279	BTD0279.162	141.07	141.91	IntChlorite	0.686	Muscovite	0.314	65.057	1669.7
BTD0279	BTD0279.163	141.91	142.75	Muscovite	0.664	IntChlorite	0.336	65.178	1542.4
BTD0279	BTD0279.164	142.75	143.59	Illite	0.568	Phengite	0.432	101.37	1461.6
BTD0279	BTD0279.165	143.59	144.47	Muscovite	0.511	FeChlorite	0.489	53.311	1780.8
BTD0279	BTD0279.166	144.47	145.36	MgChlorite	0.698	Illite	0.302	72.868	1544.7
BTD0279	BTD0279.167	145.36	146.25	MgChlorite	0.557	Montmorillonite	0.443	63.833	1445.8
BTD0279	BTD0279.168	146.25	147.14	FeChlorite	0.676	MgChlorite	0.324	57.28	1334.2
BTD0279	BTD0279.169	147.14	148.03	IntChlorite	0.628	Illite	0.372	259.78	976
BTD0279	BTD0279.170	148.03	148.92	MgChlorite	0.638	Illite	0.362	93.016	1223.9
BTD0279	BTD0279.171	148.92	149.75	MgChlorite	0.604	Illite	0.396	153.69	1142.9
BTD0279	BTD0279.172	149.75	150.58	Illite	1	NULL	NULL	424.47	959.64
BTD0279	BTD0279.173	150.58	151.41	Muscovite	1	NULL	NULL	793.21	1109.5
BTD0279	BTD0279.174	151.41	152.24	Siderite	0.506	Illite	0.494	171.98	1286.3
BTD0279	BTD0279.175	152.24	153.07	MgChlorite	0.75	Illite	0.25	93.952	1260.7
BTD0279	BTD0279.176	153.07	153.91	Siderite	0.615	Illite	0.385	174.4	1121.1
BTD0279	BTD0279.177	153.91	154.81	MgChlorite	0.583	Illite	0.417	195.33	1012.6
BTD0279	BTD0279.178	154.81	155.71	Spectral	NULL	NULL	NULL	5000	1068.2
BTD0279	BTD0279.179	155.71	156.61	Opal	1	NULL	NULL	320.11	1021.4
BTD0279	BTD0279.180	156.61	157.51	MgChlorite	1	NULL	NULL	181.42	1286.7
BTD0279	BTD0279.181	157.51	158.41	MgChlorite	1	NULL	NULL	404.24	1422.1
BTD0279	BTD0279.182	158.41	159.32	MgChlorite	0.787	Illite	0.213	70.855	1643.3
BTD0279	BTD0279.183	159.32	160.25	MgChlorite	0.685	Illite	0.315	45.701	1238.2
BTD0279	BTD0279.184	160.25	161.18	NULL	NULL	NULL	NULL	NULL	1009.5
BTD0279	BTD0279.185	161.18	162.11	MgChlorite	0.547	Illite	0.453	258.29	1050
BTD0279	BTD0279.186	162.11	163.04	MgChlorite	0.601	Illite	0.399	104.83	1358.7
BTD0279	BTD0279.187	163.04	163.97	MgChlorite	0.572	Illite	0.428	141.23	1324.5
BTD0279	BTD0279.188	163.97	164.90	MgChlorite	0.59	Illite	0.41	167.29	1180.8
BTD0279	BTD0279.189	164.90	165.77	MgChlorite	0.561	Illite	0.439	226.29	973.1
BTD0279	BTD0279.190	165.77	166.64	Muscovite	1	NULL	NULL	599.91	1292.6
BTD0279	BTD0279.191	166.64	167.51	Illite	1	NULL	NULL	778.26	992.75
BTD0279	BTD0279.192	167.51	168.38	MgChlorite	0.644	Illite	0.356	212.99	1195.6
BTD0279	BTD0279.193	168.38	169.25	Kaolinite	0.637	Muscovite	0.363	27.268	2812.1
BTD0279	BTD0279.194	169.25	170.12	Kaolinite	0.738	Illite	0.262	49.54	2866.9
BTD0279	BTD0279.195	170.12	170.99	Kaolinite	0.793	Muscovite	0.207	26.568	2702.9
BTD0279	BTD0279.196	170.99	171.86	Kaolinite	0.786	Muscovite	0.214	26.432	2491.8
BTD0279	BTD0279.197	171.86	172.73	Kaolinite	0.682	Muscovite	0.318	25.996	3160.7
BTD0279	BTD0279.198	172.73	173.60	Kaolinite	0.774	Muscovite	0.226	36.432	2394.3
BTD0279	BTD0279.199	173.60	174.47	Kaolinite	0.823	Muscovite	0.177	53.005	2695.3
BTD0279	BTD0279.200	174.47	175.35	Kaolinite	0.737	Muscovite	0.263	56.751	1991.1
BTD0279	BTD0279.201	175.35	176.15	Kaolinite	0.579	Phengite	0.421	122.48	2765.4
BTD0279	BTD0279.202	176.15	176.96	Phengite	0.568	Kaolinite	0.432	152.93	2236.5
BTD0279	BTD0279.203	176.96	177.77	Kaolinite	0.509	IntChlorite	0.491	79.972	2511.7
BTD0279	BTD0279.204	177.77	178.57	MgChlorite	0.686	Illite	0.314	74.942	2120.9

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0279	BTD0279.205	178.57	179.38	MgChlorite	0.732	Phengite	0.268	82.2	1445.1
BTD0279	BTD0279.206	179.38	180.19	MgChlorite	0.728	Halloysite	0.272	116	1843
BTD0279	BTD0279.207	180.19	181.04	Muscovite	0.532	IntChlorite	0.468	86.499	1496.7
BTD0279	BTD0279.208	181.04	181.89	MgChlorite	0.505	FeChlorite	0.495	38.226	1850
BTD0279	BTD0279.209	181.89	182.75	IntChlorite	1	NULL	NULL	57.734	1204.5
BTD0279	BTD0279.210	182.75	183.60	IntChlorite	0.823	Montmorillonite	0.177	47.583	1293.9
BTD0279	BTD0279.211	183.60	184.45	IntChlorite	0.801	Illite	0.199	41.584	2000.3
BTD0279	BTD0279.212	184.45	185.31	IntChlorite	0.64	Illite	0.36	56.766	1333.8
BTD0279	BTD0279.213	185.31	186.07	Illite	0.579	IntChlorite	0.421	85.8	1327.8
BTD0279	BTD0279.214	186.07	186.83	IntChlorite	0.584	Illite	0.416	58.172	1563.7
BTD0279	BTD0279.215	186.83	187.60	IntChlorite	0.661	Illite	0.339	65.214	1639.3
BTD0279	BTD0279.216	187.60	188.36	FeChlorite	1	NULL	NULL	57.183	1216.6
BTD0279	BTD0279.217	188.36	189.12	Kaolinite	0.525	Muscovite	0.475	107.93	1679.7
BTD0279	BTD0279.218	189.12	189.89	Illite	0.701	MgChlorite	0.299	71.41	1702.5
BTD0279	BTD0279.219	189.89	190.61	Illite	1	NULL	NULL	71.736	2243.1
BTD0279	BTD0279.220	190.61	191.33	Illite	0.532	MgChlorite	0.468	82.564	1723.6
BTD0279	BTD0279.221	191.33	192.05	IntChlorite	0.64	Illite	0.36	77.53	1880.8
BTD0279	BTD0279.222	192.05	192.77	Illite	0.574	IntChlorite	0.426	82.968	1869.1
BTD0279	BTD0279.223	192.77	193.49	Muscovite	1	NULL	NULL	147.95	1396.2
BTD0279	BTD0279.224	193.49	194.22	Muscovite	1	NULL	NULL	131.04	1690.1
BTD0279	BTD0279.225	194.22	194.98	Muscovite	1	NULL	NULL	109.63	1645.7
BTD0279	BTD0279.226	194.98	195.75	Muscovite	0.675	Ankerite	0.325	160.91	2463.3
BTD0279	BTD0279.227	195.75	196.52	Illite	0.712	MgChlorite	0.288	52.984	1774.6
BTD0279	BTD0279.228	196.52	197.28	Illite	0.638	MgChlorite	0.362	62.451	1922
BTD0279	BTD0279.229	197.28	198.05	Illite	0.72	MgChlorite	0.28	81.12	1283.3
BTD0279	BTD0279.230	198.05	198.82	Illite	0.733	MgChlorite	0.267	53.311	1357.1
BTD0279	BTD0279.231	198.82	199.60	Muscovite	1	NULL	NULL	315.8	2150.9
BTD0279	BTD0279.232	199.60	200.39	Illite	0.707	MgChlorite	0.293	73.832	1181.9
BTD0279	BTD0279.233	200.39	201.18	Illite	0.698	Phengite	0.302	71.151	1470.8
BTD0279	BTD0279.234	201.18	201.97	Illite	0.688	Phengite	0.312	61.772	2132.6
BTD0279	BTD0279.235	201.97	202.76	Illite	0.555	Siderite	0.445	135.96	1462.3
BTD0279	BTD0279.236	202.76	203.55	Kaolinite	0.603	Muscovite	0.397	45.184	2751.3
BTD0279	BTD0279.237	203.55	204.39	Illite	0.732	Kaolinite	0.268	66.831	2007.6
BTD0279	BTD0279.238	204.39	205.23	Illite	0.652	Phengite	0.348	39.006	2275.1
BTD0279	BTD0279.239	205.23	206.07	Kaolinite	0.609	Muscovite	0.391	36.504	2074.1
BTD0279	BTD0279.240	206.07	206.91	Muscovite	0.724	Kaolinite	0.276	54.04	2146.7
BTD0279	BTD0279.241	206.91	207.75	Muscovite	0.694	Kaolinite	0.306	126.55	2597.4
BTD0279	BTD0279.242	207.75	208.59	Illite	0.713	Phengite	0.287	51.963	2688.1
BTD0279	BTD0279.243	208.59	209.39	Kaolinite	0.655	Muscovite	0.345	34.243	2412.5
BTD0279	BTD0279.244	209.39	210.19	Kaolinite	1	NULL	NULL	108.3	2534.4
BTD0279	BTD0279.245	210.19	210.99	Phengite	0.652	Kaolinite	0.348	56.684	2455.2
BTD0279	BTD0279.246	210.99	211.79	Kaolinite	0.617	NH_Alunite	0.383	358.4	1956.3
BTD0279	BTD0279.247	211.79	212.59	Phengite	0.575	Illite	0.425	182.66	3449.6
BTD0279	BTD0279.248	212.59	213.39	Phengite	0.594	NH_Alunite	0.406	263.58	2750.1
BTD0279	BTD0279.249	213.39	214.18	NH_Alunite	1	NULL	NULL	2154.21	1992.8
BTD0279	BTD0279.250	214.18	214.98	Phengite	0.713	Kaolinite	0.287	118.13	2810.2
BTD0279	BTD0279.251	214.98	215.77	Muscovite	1	NULL	NULL	147.33	2808.9
BTD0279	BTD0279.252	215.77	216.57	Phengite	0.529	Illite	0.471	91.088	2722.6
BTD0279	BTD0279.253	216.57	217.36	Muscovite	0.531	Kaolinite	0.469	129.95	2220.6
BTD0279	BTD0279.254	217.36	218.16	NH_Alunite	1	NULL	NULL	625.33	1851.7
BTD0279	BTD0279.255	218.16	218.97	Muscovite	1	NULL	NULL	192.17	2007
BTD0279	BTD0279.256	218.97	219.79	K_Alunite	1	NULL	NULL	1465.44	2561
BTD0279	BTD0279.257	219.79	220.60	Phengite	0.539	Illite	0.461	48.399	2979.3

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0279	BTD0279.258	220.60	221.42	Kaolinite	0.534	Phengite	0.466	39.902	2907.1
BTD0279	BTD0279.259	221.42	222.23	Muscovite	0.695	Kaolinite	0.305	33.13	2225.2
BTD0279	BTD0279.260	222.23	223.05	Muscovite	1	NULL	NULL	139.07	2371.2
BTD0279	BTD0279.261	223.05	223.94	Muscovite	1	NULL	NULL	90.31	2697.9
BTD0279	BTD0279.262	223.94	224.83	Illite	0.616	Kaolinite	0.384	65.893	2455.6
BTD0279	BTD0279.263	224.83	225.73	Muscovite	1	NULL	NULL	169.75	2085.9
BTD0279	BTD0279.264	225.73	226.62	Muscovite	1	NULL	NULL	124.81	2988.4
BTD0279	BTD0279.265	226.62	227.51	Muscovite	1	NULL	NULL	107.28	2957.2
BTD0279	BTD0279.266	227.51	228.41	Illite	0.803	Kaolinite	0.197	75.021	3122.6
BTD0279	BTD0279.267	228.41	229.25	Illite	1	NULL	NULL	69.38	2471.4
BTD0279	BTD0279.268	229.25	230.09	Illite	0.617	Phengite	0.383	49.252	2519
BTD0279	BTD0279.269	230.09	230.93	Muscovite	1	NULL	NULL	151.06	2169.1
BTD0279	BTD0279.270	230.93	231.77	Muscovite	1	NULL	NULL	148.68	2047.6
BTD0279	BTD0279.271	231.77	232.61	Illite	0.623	Phengite	0.377	59.938	2883.3
BTD0279	BTD0279.272	232.61	233.46	Illite	0.708	Phengite	0.292	58.863	2122.4
BTD0279	BTD0279.273	233.46	234.32	Illite	0.71	Phengite	0.29	66.885	2180.9
BTD0279	BTD0279.274	234.32	235.19	Muscovite	1	NULL	NULL	437.68	2362.1
BTD0279	BTD0279.275	235.19	236.05	Illite	0.657	Phengite	0.343	62.892	2353.3
BTD0279	BTD0279.276	236.05	236.92	Muscovite	1	NULL	NULL	139.85	2533
BTD0279	BTD0279.277	236.92	237.78	Illite	0.645	Phengite	0.355	56.587	2332.6
BTD0279	BTD0279.278	237.78	238.65	Illite	0.603	Phengite	0.397	53.331	2442.5
BTD0279	BTD0279.279	238.65	239.53	Illite	0.706	MgChlorite	0.294	59.787	1384.7
BTD0279	BTD0279.280	239.53	240.41	Illite	0.674	Phengite	0.326	42.529	2388.6
BTD0279	BTD0279.281	240.41	241.30	Illite	0.671	Phengite	0.329	61.136	2375.2
BTD0279	BTD0279.282	241.30	242.18	Illite	0.614	Phengite	0.386	47.01	2736.1
BTD0279	BTD0279.283	242.18	243.06	Illite	1	NULL	NULL	548.87	1420.2
BTD0279	BTD0279.284	243.06	243.95	Muscovite	1	NULL	NULL	95.597	2435.1
BTD0279	BTD0279.285	243.95	244.79	Illite	0.667	MgChlorite	0.333	37.32	2540.9
BTD0279	BTD0279.286	244.79	245.64	Illite	0.717	MgChlorite	0.283	42.851	2478.8
BTD0279	BTD0279.287	245.64	246.48	MgChlorite	0.541	Illite	0.459	244.39	1384.9
BTD0279	BTD0279.288	246.48	247.33	Illite	0.593	MgChlorite	0.407	170.28	1920.1
BTD0279	BTD0279.289	247.33	248.17	Muscovite	0.743	Ankerite	0.257	149.2	1897.2
BTD0279	BTD0279.290	248.17	249.02	Muscovite	1	NULL	NULL	82.696	1860.4
BTD0279	BTD0279.291	249.02	249.93	Muscovite	1	NULL	NULL	95.226	1959.5
BTD0279	BTD0279.292	249.93	250.84	Illite	0.628	Ankerite	0.372	261.53	2285.3
BTD0279	BTD0279.293	250.84	251.76	Muscovite	1	NULL	NULL	85.346	1786.6
BTD0279	BTD0279.294	251.76	252.67	Muscovite	1	NULL	NULL	90.887	2713.1
BTD0279	BTD0279.295	252.67	253.58	Muscovite	1	NULL	NULL	319	2700.4
BTD0279	BTD0279.296	253.58	254.50	Muscovite	1	NULL	NULL	94.002	1791.5
BTD0279	BTD0279.297	254.50	255.36	Muscovite	1	NULL	NULL	122.02	1451.8
BTD0279	BTD0279.298	255.36	256.22	Illite	1	NULL	NULL	130.87	1972.3
BTD0279	BTD0279.299	256.22	257.08	Muscovite	1	NULL	NULL	215.5	2172
BTD0279	BTD0279.300	257.08	257.94	Muscovite	0.624	Magnesite	0.376	211.85	2323.6
BTD0279	BTD0279.301	257.94	258.80	Muscovite	1	NULL	NULL	192.1	1928.8
BTD0279	BTD0279.302	258.80	259.66	Muscovite	1	NULL	NULL	249.33	2967.2
BTD0279	BTD0279.303	259.66	260.54	Illite	1	NULL	NULL	349.66	1979.6
BTD0279	BTD0279.304	260.54	261.42	Muscovite	1	NULL	NULL	227.68	1916.1
BTD0279	BTD0279.305	261.42	262.30	Muscovite	1	NULL	NULL	154.27	1801.6
BTD0279	BTD0279.306	262.30	263.18	Illite	1	NULL	NULL	153.67	2130.2
BTD0279	BTD0279.307	263.18	264.06	Muscovite	1	NULL	NULL	86.703	1831
BTD0279	BTD0279.308	264.06	264.94	Illite	1	NULL	NULL	396.88	1756.8
BTD0279	BTD0279.309	264.94	265.81	Illite	0.724	Phengite	0.276	45.265	1949.8
BTD0279	BTD0279.310	265.81	266.69	Illite	0.759	MgChlorite	0.241	60.055	1345

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0279	BTD0279.311	266.69	267.57	Illite	0.71	Phengite	0.29	54.962	1814.4
BTD0279	BTD0279.312	267.57	268.44	Muscovite	0.754	Dolomite	0.246	240.6	1111.5
BTD0279	BTD0279.313	268.44	269.32	Aspectral	NULL	NULL	NULL	5000	903.93
BTD0279	BTD0279.314	269.32	270.20	Illite	1	NULL	NULL	158.69	1116.1
BTD0279	BTD0279.315	270.20	271.04	Illite	1	NULL	NULL	314.16	1023.2
BTD0279	BTD0279.316	271.04	271.89	Illite	0.719	Phengite	0.281	49.253	1554.8
BTD0279	BTD0279.317	271.89	272.74	Illite	0.543	Ankerite	0.457	39.415	1968.8
BTD0279	BTD0279.318	272.74	273.59	Illite	0.545	Phengite	0.455	137.57	1409.1
BTD0279	BTD0279.319	273.59	274.44	IntChlorite	0.576	Muscovite	0.424	47.931	1540.2
BTD0279	BTD0279.320	274.44	275.29	IntChlorite	0.648	Halloysite	0.352	113.86	1521.4
BTD0279	BTD0279.321	275.29	276.11	IntChlorite	0.681	Illite	0.319	81.913	1571.1
BTD0279	BTD0279.322	276.11	276.94	IntChlorite	0.58	Muscovite	0.42	58.006	1550.7
BTD0279	BTD0279.323	276.94	277.77	Illite	0.512	MgChlorite	0.488	97.369	1125
BTD0279	BTD0279.324	277.77	278.59	IntChlorite	0.542	Muscovite	0.458	55.883	1786.2
BTD0279	BTD0279.325	278.59	279.42	IntChlorite	0.73	Illite	0.27	45.206	1614.4
BTD0279	BTD0279.326	279.42	280.25	FeChlorite	0.725	MgChlorite	0.275	23.794	1756.2
BTD0279	BTD0279.327	280.25	281.06	Muscovite	0.521	IntChlorite	0.479	89.078	1285.5
BTD0279	BTD0279.328	281.06	281.88	Illite	0.546	IntChlorite	0.454	89.349	1154.8
BTD0279	BTD0279.329	281.88	282.70	Illite	0.625	IntChlorite	0.375	81.573	1302.1
BTD0279	BTD0279.330	282.70	283.51	IntChlorite	0.631	Illite	0.369	134.73	1502.8
BTD0279	BTD0279.331	283.51	284.33	Illite	0.518	Kaolinite	0.482	150.61	1070.3
BTD0279	BTD0279.332	284.33	285.15	Illite	0.546	MgChlorite	0.454	81.091	2478.3
BTD0279	BTD0279.333	285.15	285.94	Illite	0.569	MgChlorite	0.431	97.575	1639
BTD0279	BTD0279.334	285.94	286.73	MgChlorite	0.505	Illite	0.495	81.232	1454.7
BTD0279	BTD0279.335	286.73	287.53	IntChlorite	0.65	Illite	0.35	62.557	1576.8
BTD0279	BTD0279.336	287.53	288.32	MgChlorite	0.52	Muscovite	0.48	91.774	1371.3
BTD0279	BTD0279.337	288.32	289.11	Illite	0.511	IntChlorite	0.489	83.484	1376.1
BTD0279	BTD0279.338	289.11	289.91	Illite	0.51	MgChlorite	0.49	116.72	1146
BTD0279	BTD0279.339	289.91	290.80	MgChlorite	0.583	Illite	0.417	72.547	1450.9
BTD0279	BTD0279.340	290.80	291.70	Illite	0.515	MgChlorite	0.485	173.04	1183.3
BTD0279	BTD0279.341	291.70	292.59	MgChlorite	0.518	Illite	0.482	96.378	1444.7
BTD0279	BTD0279.342	292.59	293.49	IntChlorite	0.54	Muscovite	0.46	69.988	1541
BTD0279	BTD0279.343	293.49	294.38	IntChlorite	0.602	Muscovite	0.398	64.604	1622.9
BTD0279	BTD0279.344	294.38	295.28	MgChlorite	0.6	Illite	0.4	73.78	1764.7
BTD0279	BTD0279.345	295.28	296.15	MgChlorite	0.543	Illite	0.457	64.747	1461
BTD0279	BTD0279.346	296.15	297.02	Illite	0.537	MgChlorite	0.463	117.08	1246.8
BTD0279	BTD0279.347	297.02	297.89	IntChlorite	0.7	Illite	0.3	71.112	1919.4
BTD0279	BTD0279.348	297.89	298.76	IntChlorite	0.571	Illite	0.429	97.582	1147.6
BTD0279	BTD0279.349	298.76	299.63	Montmorillonite	0.502	Halloysite	0.498	76.896	2063.7
BTD0279	BTD0279.350	299.63	300.51	IntChlorite	0.71	Muscovite	0.29	42.161	1667.6
BTD0279	BTD0279.351	300.51	301.33	IntChlorite	0.504	Illite	0.496	85.922	1721.7
BTD0279	BTD0279.352	301.33	302.16	IntChlorite	0.659	Illite	0.341	70.614	1186.9
BTD0279	BTD0279.353	302.16	302.99	MgChlorite	0.516	Illite	0.484	84.783	1465.9
BTD0279	BTD0279.354	302.99	303.82	IntChlorite	0.557	Muscovite	0.443	62.296	1863.8
BTD0279	BTD0279.355	303.82	304.65	IntChlorite	0.601	Muscovite	0.399	85.423	1354
BTD0279	BTD0279.356	304.65	305.48	Illite	0.519	IntChlorite	0.481	61.644	1803.7
BTD0279	BTD0279.357	305.48	306.28	IntChlorite	0.501	Muscovite	0.499	90.801	1467.8
BTD0279	BTD0279.358	306.28	307.08	IntChlorite	0.605	Muscovite	0.395	65.495	1655.6
BTD0279	BTD0279.359	307.08	307.88	IntChlorite	0.562	Muscovite	0.438	58.754	1453.6
BTD0279	BTD0279.360	307.88	308.68	Illite	0.525	IntChlorite	0.475	78.918	1168.4
BTD0279	BTD0279.361	308.68	309.48	Illite	0.548	IntChlorite	0.452	66.479	1560.3
BTD0279	BTD0279.362	309.48	310.29	Illite	0.513	IntChlorite	0.487	66.704	1531.9
BTD0279	BTD0279.363	310.29	310.94	IntChlorite	0.582	Illite	0.418	53.03	2176.4

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0279	BTD0279.364	310.94	311.59	Illite	0.673	Halloysite	0.327	236.03	1522.8
BTD0279	BTD0279.365	311.59	312.24	Illite	0.555	MgChlorite	0.445	67.232	1435.2
BTD0279	BTD0279.366	312.24	312.89	IntChlorite	0.502	Illite	0.498	59.994	2233.8
BTD0279	BTD0279.367	312.89	313.54	Illite	0.613	IntChlorite	0.387	79.123	1432.9
BTD0279	BTD0279.368	313.54	314.20	Muscovite	0.626	IntChlorite	0.374	102.47	1163.1
BTD0280	BTD0280.090	80.67	81.50	Muscovite	0.522	Kaolinite	0.478	92.093	1585.1
BTD0280	BTD0280.091	81.50	82.32	Aspectral	NULL	NULL	NULL	5000	2203.2
BTD0280	BTD0280.092	82.32	83.14	Muscovite	1	NULL	NULL	329.94	2125.7
BTD0280	BTD0280.093	83.14	83.97	Siderite	0.553	Muscovite	0.447	126.19	1817
BTD0280	BTD0280.094	83.97	84.79	IntChlorite	0.658	Illite	0.342	69.945	1440.4
BTD0280	BTD0280.095	84.79	85.61	FeChlorite	0.771	Illite	0.229	40.303	1691.6
BTD0280	BTD0280.096	85.61	86.46	Illite	0.674	Phengite	0.326	67.884	1457.5
BTD0280	BTD0280.097	86.46	87.31	Illite	0.654	Phengite	0.346	68.974	1514
BTD0280	BTD0280.098	87.31	88.15	Illite	0.702	Halloysite	0.298	162.68	1675.4
BTD0280	BTD0280.099	88.15	89.00	Illite	0.736	Phengite	0.264	64.185	1781.6
BTD0280	BTD0280.100	89.00	89.85	Illite	0.635	Phengite	0.365	89.199	2173.6
BTD0280	BTD0280.101	89.85	90.69	Muscovite	1	NULL	NULL	231.43	1500.3
BTD0280	BTD0280.102	90.69	91.53	Illite	0.526	MgChlorite	0.474	81.065	1487.5
BTD0280	BTD0280.103	91.53	92.36	Illite	0.645	Phengite	0.355	60.499	1821.8
BTD0280	BTD0280.104	92.36	93.19	Illite	0.598	MgChlorite	0.402	68.129	1475.2
BTD0280	BTD0280.105	93.19	94.03	Opal	0.577	Halloysite	0.423	182.7	1591.7
BTD0280	BTD0280.106	94.03	94.86	Muscovite	0.532	IntChlorite	0.468	52.864	1808.2
BTD0280	BTD0280.107	94.86	95.69	IntChlorite	0.813	Muscovite	0.187	36.692	2359.7
BTD0280	BTD0280.108	95.69	96.53	IntChlorite	0.618	Muscovite	0.382	44.085	1188.7
BTD0280	BTD0280.109	96.53	97.37	MgChlorite	0.664	Illite	0.336	48.357	1844.6
BTD0280	BTD0280.110	97.37	98.20	MgChlorite	0.698	Opal	0.302	76.584	1735
BTD0280	BTD0280.111	98.20	99.04	IntChlorite	0.709	Illite	0.291	73.691	2247.7
BTD0280	BTD0280.112	99.04	99.88	Siderite	0.744	Muscovite	0.256	55.605	2392.3
BTD0280	BTD0280.113	99.88	100.72	IntChlorite	0.644	Siderite	0.356	58.545	2617.3
BTD0280	BTD0280.114	100.72	101.39	MgChlorite	0.674	Phengite	0.326	118.19	1295.2
BTD0280	BTD0280.115	101.39	102.07	Muscovite	1	NULL	NULL	1004.94	892.95
BTD0280	BTD0280.116	102.07	102.74	IntChlorite	0.681	Muscovite	0.319	108.69	2610.6
BTD0280	BTD0280.117	102.74	103.42	Muscovite	0.534	Siderite	0.466	145.11	981.66
BTD0280	BTD0280.118	103.42	104.09	Aspectral	NULL	NULL	NULL	5000	690.43
BTD0280	BTD0280.119	104.09	104.77	MgChlorite	0.649	Illite	0.351	34.397	2028.4
BTD0280	BTD0280.120	104.77	105.66	Ankerite	0.525	Muscovite	0.475	211.38	2781.2
BTD0280	BTD0280.121	105.66	106.56	Muscovite	0.602	Siderite	0.398	81.691	2575.5
BTD0280	BTD0280.122	106.56	107.45	Muscovite	0.69	Siderite	0.31	73.014	1911.8
BTD0280	BTD0280.123	107.45	108.35	Illite	0.674	Phengite	0.326	70.488	2250.7
BTD0280	BTD0280.124	108.35	109.24	Illite	0.615	MgChlorite	0.385	67.825	2720.7
BTD0280	BTD0280.125	109.24	110.14	Kaolinite	0.594	Muscovite	0.406	54.265	2291.7
BTD0280	BTD0280.126	110.14	111.01	Muscovite	0.541	Siderite	0.459	151.4	2372.7
BTD0280	BTD0280.127	111.01	111.89	Muscovite	0.744	Kaolinite	0.256	152.42	2225.9
BTD0280	BTD0280.128	111.89	112.76	Muscovite	0.828	Kaolinite	0.172	56.714	2414.9
BTD0280	BTD0280.129	112.76	113.64	Muscovite	0.673	Kaolinite	0.327	63.294	2557.6
BTD0280	BTD0280.130	113.64	114.51	Muscovite	1	NULL	NULL	125.61	2590
BTD0280	BTD0280.131	114.51	115.39	Muscovite	0.603	Siderite	0.397	102.31	2525
BTD0280	BTD0280.132	115.39	116.26	Muscovite	0.561	Siderite	0.439	130.53	1950.4
BTD0280	BTD0280.133	116.26	117.14	Muscovite	1	NULL	NULL	119.72	2642.9
BTD0280	BTD0280.134	117.14	118.02	Siderite	1	NULL	NULL	370.02	2248.1
BTD0280	BTD0280.135	118.02	118.90	Muscovite	1	NULL	NULL	116.71	2770
BTD0280	BTD0280.136	118.90	119.78	Illite	1	NULL	NULL	181.26	2450.6
BTD0280	BTD0280.137	119.78	120.66	Muscovite	1	NULL	NULL	192.67	2673.5

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0280	BTD0280.138	120.66	121.53	Muscovite	1	NULL	NULL	142.67	2186.2
BTD0280	BTD0280.139	121.53	122.40	Illite	1	NULL	NULL	220.49	2507.8
BTD0280	BTD0280.140	122.40	123.27	Muscovite	1	NULL	NULL	132.66	2133.6
BTD0280	BTD0280.141	123.27	124.14	Muscovite	0.676	Kaolinite	0.324	118.94	2532
BTD0280	BTD0280.142	124.14	125.01	Muscovite	0.792	Kaolinite	0.208	100.13	2446.9
BTD0280	BTD0280.143	125.01	125.88	Illite	1	NULL	NULL	171.41	3082
BTD0280	BTD0280.144	125.88	126.76	Muscovite	1	NULL	NULL	117.44	2188.2
BTD0280	BTD0280.145	126.76	127.64	Muscovite	1	NULL	NULL	206.42	2164.5
BTD0280	BTD0280.146	127.64	128.53	Muscovite	1	NULL	NULL	82.914	2573.6
BTD0280	BTD0280.147	128.53	129.41	Muscovite	1	NULL	NULL	114.54	2137
BTD0280	BTD0280.148	129.41	130.29	Muscovite	1	NULL	NULL	170.21	2322.8
BTD0280	BTD0280.149	130.29	131.18	Muscovite	1	NULL	NULL	76.591	2037
BTD0280	BTD0280.150	131.18	132.06	Muscovite	1	NULL	NULL	71.073	3277
BTD0280	BTD0280.151	132.06	132.94	Muscovite	1	NULL	NULL	98.06	2239.8
BTD0280	BTD0280.152	132.94	133.83	Muscovite	1	NULL	NULL	84.295	2606.9
BTD0280	BTD0280.153	133.83	134.71	Muscovite	1	NULL	NULL	180.99	2440.7
BTD0280	BTD0280.154	134.71	135.59	Muscovite	1	NULL	NULL	199.97	2216.6
BTD0280	BTD0280.155	135.59	136.48	Muscovite	0.806	Brucite	0.194	243.05	2414.4
BTD0280	BTD0280.156	136.48	137.35	Kaolinite	1	NULL	NULL	137.79	2009.7
BTD0280	BTD0280.157	137.35	138.23	Muscovite	1	NULL	NULL	145.81	1966.2
BTD0280	BTD0280.158	138.23	139.11	Kaolinite	1	NULL	NULL	149.34	2188.9
BTD0280	BTD0280.159	139.11	139.98	Muscovite	1	NULL	NULL	789.88	1780
BTD0280	BTD0280.160	139.98	140.86	Halloysite	1	NULL	NULL	479.93	2225.9
BTD0280	BTD0280.161	140.86	141.74	Muscovite	0.784	Kaolinite	0.216	86.235	1743.2
BTD0280	BTD0280.162	141.74	142.56	Muscovite	1	NULL	NULL	76.407	1944
BTD0280	BTD0280.163	142.56	143.39	Muscovite	1	NULL	NULL	125.04	1706
BTD0280	BTD0280.164	143.39	144.21	Muscovite	1	NULL	NULL	143.92	2281.5
BTD0280	BTD0280.165	144.21	145.04	Illite	0.629	Phengite	0.371	50.626	2529
BTD0280	BTD0280.166	145.04	145.86	Muscovite	1	NULL	NULL	73.022	1679.4
BTD0280	BTD0280.167	145.86	146.69	Muscovite	1	NULL	NULL	84.286	2159.9
BTD0280	BTD0280.168	146.69	147.50	Illite	1	NULL	NULL	435.73	2592.1
BTD0280	BTD0280.169	147.50	148.31	Phengite	0.512	Kaolinite	0.488	259.68	1873.8
BTD0280	BTD0280.170	148.31	149.12	IntChlorite	0.71	Muscovite	0.29	49.207	2375.7
BTD0280	BTD0280.171	149.12	149.93	Muscovite	0.577	MgChlorite	0.423	54.395	2247.4
BTD0280	BTD0280.172	149.93	150.74	IntChlorite	0.547	Muscovite	0.453	59.631	2028.7
BTD0280	BTD0280.173	150.74	151.56	IntChlorite	0.744	Muscovite	0.256	47.693	2869.8
BTD0280	BTD0280.174	151.56	152.43	Muscovite	0.819	Brucite	0.181	148.14	2125.1
BTD0280	BTD0280.175	152.43	153.31	IntChlorite	0.713	Muscovite	0.287	75.957	1175.6
BTD0280	BTD0280.176	153.31	154.19	Illite	0.618	Phengite	0.382	78.529	1410.4
BTD0280	BTD0280.177	154.19	155.06	Phengite	0.657	Halloysite	0.343	179.37	2730.9
BTD0280	BTD0280.178	155.06	155.94	IntChlorite	0.544	Muscovite	0.456	75.349	1711.5
BTD0280	BTD0280.179	155.94	156.82	Kaolinite	0.623	Muscovite	0.377	168.92	2135.6
BTD0280	BTD0280.180	156.82	157.63	Kaolinite	0.704	Muscovite	0.296	42.492	1896.6
BTD0280	BTD0280.181	157.63	158.44	Muscovite	0.798	Kaolinite	0.202	54.84	2580.8
BTD0280	BTD0280.182	158.44	159.26	Muscovite	0.589	Kaolinite	0.411	41.623	2455.6
BTD0280	BTD0280.183	159.26	160.07	Muscovite	0.671	Kaolinite	0.329	54.639	1884.6
BTD0280	BTD0280.184	160.07	160.88	Kaolinite	0.6	Muscovite	0.4	159.21	2620
BTD0280	BTD0280.185	160.88	161.70	Kaolinite	0.508	Muscovite	0.492	35.671	2594.2
BTD0280	BTD0280.186	161.70	162.51	Muscovite	0.734	Kaolinite	0.266	69.51	2243.1
BTD0280	BTD0280.187	162.51	163.32	Muscovite	1	NULL	NULL	90.312	2452.8
BTD0280	BTD0280.188	163.32	164.13	Muscovite	1	NULL	NULL	100.69	2459.5
BTD0280	BTD0280.189	164.13	164.94	Muscovite	1	NULL	NULL	64.675	2385.2
BTD0280	BTD0280.190	164.94	165.75	Muscovite	1	NULL	NULL	80.105	2236.8

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0280	BTD0280.191	165.75	166.57	Muscovite	1	NULL	NULL	197.71	2222.3
BTD0280	BTD0280.192	166.57	167.44	Muscovite	1	NULL	NULL	130.03	2126.8
BTD0280	BTD0280.193	167.44	168.31	Muscovite	1	NULL	NULL	85.423	2039.5
BTD0280	BTD0280.194	168.31	169.18	Muscovite	1	NULL	NULL	82.242	2868.8
BTD0280	BTD0280.195	169.18	170.05	Muscovite	1	NULL	NULL	100.94	2101.1
BTD0280	BTD0280.196	170.05	170.92	Muscovite	1	NULL	NULL	90.699	2653
BTD0280	BTD0280.197	170.92	171.80	Muscovite	1	NULL	NULL	129.27	1940.7
BTD0280	BTD0280.198	171.80	172.65	Muscovite	1	NULL	NULL	102.37	2143.8
BTD0280	BTD0280.199	172.65	173.50	Muscovite	1	NULL	NULL	139.12	1903.7
BTD0280	BTD0280.200	173.50	174.35	Muscovite	1	NULL	NULL	84.717	2583.3
BTD0280	BTD0280.201	174.35	175.20	Muscovite	1	NULL	NULL	132.63	2587.6
BTD0280	BTD0280.202	175.20	176.05	Muscovite	1	NULL	NULL	94.745	2180.5
BTD0280	BTD0280.203	176.05	176.90	Muscovite	1	NULL	NULL	89.518	1821.8
BTD0280	BTD0280.204	176.90	177.80	Muscovite	1	NULL	NULL	67.802	2502.5
BTD0280	BTD0280.205	177.80	178.70	Muscovite	0.616	Kaolinite	0.384	40.772	2921
BTD0280	BTD0280.206	178.70	179.60	Muscovite	1	NULL	NULL	88.687	2239.4
BTD0280	BTD0280.207	179.60	180.50	Muscovite	0.783	Kaolinite	0.217	60.371	1899
BTD0280	BTD0280.208	180.50	181.40	Muscovite	0.52	Kaolinite	0.48	42.075	1965
BTD0280	BTD0280.209	181.40	182.30	Muscovite	1	NULL	NULL	87.348	2858.9
BTD0280	BTD0280.210	182.30	183.19	Muscovite	1	NULL	NULL	176.81	2380.8
BTD0280	BTD0280.211	183.19	184.08	Muscovite	1	NULL	NULL	99.901	2472.6
BTD0280	BTD0280.212	184.08	184.97	Muscovite	1	NULL	NULL	86.081	2113.9
BTD0280	BTD0280.213	184.97	185.86	Muscovite	1	NULL	NULL	105.59	2417.1
BTD0280	BTD0280.214	185.86	186.75	Muscovite	1	NULL	NULL	238.09	2375.3
BTD0280	BTD0280.215	186.75	187.64	Muscovite	1	NULL	NULL	131.87	2070.8
BTD0280	BTD0280.216	187.64	188.52	Muscovite	1	NULL	NULL	205.23	1877.9
BTD0280	BTD0280.217	188.52	189.40	Muscovite	1	NULL	NULL	104.32	2070.1
BTD0280	BTD0280.218	189.40	190.28	Kaolinite	0.625	Muscovite	0.375	19.591	2453.8
BTD0280	BTD0280.219	190.28	191.16	Muscovite	1	NULL	NULL	387.63	1515.7
BTD0280	BTD0280.220	191.16	192.04	Muscovite	1	NULL	NULL	212.44	1993.6
BTD0280	BTD0280.221	192.04	192.92	Muscovite	1	NULL	NULL	129.1	2602.6
BTD0280	BTD0280.222	192.92	193.66	Kaolinite	0.632	Muscovite	0.368	46.863	2407.3
BTD0280	BTD0280.223	193.66	194.40	Muscovite	1	NULL	NULL	519.69	1596.8
BTD0280	BTD0280.224	194.40	195.14	Muscovite	1	NULL	NULL	116.62	1735.4
BTD0280	BTD0280.225	195.14	195.88	Muscovite	1	NULL	NULL	189.99	1756.5
BTD0280	BTD0280.226	195.88	196.62	Muscovite	1	NULL	NULL	472.64	1953.2
BTD0280	BTD0280.227	196.62	197.36	Muscovite	1	NULL	NULL	244.37	1841.9
BTD0280	BTD0280.228	197.36	198.22	Muscovite	1	NULL	NULL	517.68	1485
BTD0280	BTD0280.229	198.22	199.08	Muscovite	1	NULL	NULL	311.87	2485
BTD0280	BTD0280.230	199.08	199.95	Muscovite	1	NULL	NULL	278.68	2023
BTD0280	BTD0280.231	199.95	200.81	Muscovite	1	NULL	NULL	435.17	1697
BTD0280	BTD0280.232	200.81	201.67	NULL	NULL	NULL	NULL	NULL	2251.9
BTD0280	BTD0280.233	201.67	202.54	Muscovite	1	NULL	NULL	95.408	1728.9
BTD0280	BTD0280.234	202.54	203.41	Muscovite	0.599	Kaolinite	0.401	46.032	3806
BTD0280	BTD0280.235	203.41	204.29	Muscovite	1	NULL	NULL	278.49	1569.4
BTD0280	BTD0280.236	204.29	205.17	Muscovite	1	NULL	NULL	448.21	2039.3
BTD0280	BTD0280.237	205.17	206.05	Muscovite	1	NULL	NULL	98.947	1543.1
BTD0280	BTD0280.238	206.05	206.93	Muscovite	1	NULL	NULL	353.99	1584.8
BTD0280	BTD0280.239	206.93	207.81	Muscovite	1	NULL	NULL	566.64	1294.4
BTD0280	BTD0280.240	207.81	208.72	Muscovite	1	NULL	NULL	175.53	1819.1
BTD0280	BTD0280.241	208.72	209.63	Muscovite	1	NULL	NULL	309.52	1783.9
BTD0280	BTD0280.242	209.63	210.54	Muscovite	1	NULL	NULL	89.039	1968.9
BTD0280	BTD0280.243	210.54	211.45	Muscovite	1	NULL	NULL	190.06	1909

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0280	BTD0280.244	211.45	212.36	Muscovite	1	NULL	NULL	226.81	1961.2
BTD0280	BTD0280.245	212.36	213.27	Kaolinite	0.729	Phengite	0.271	28.472	2840.6
BTD0280	BTD0280.246	213.27	214.16	Phengite	0.56	Kaolinite	0.44	40.783	2376.1
BTD0280	BTD0280.247	214.16	215.05	Kaolinite	0.649	Phengite	0.351	49.689	2149.6
BTD0280	BTD0280.248	215.05	215.94	Muscovite	1	NULL	NULL	306.82	2311.8
BTD0280	BTD0280.249	215.94	216.83	Muscovite	1	NULL	NULL	111.92	2153.5
BTD0280	BTD0280.250	216.83	217.72	Muscovite	1	NULL	NULL	116.58	2159.5
BTD0280	BTD0280.251	217.72	218.61	Muscovite	1	NULL	NULL	212.17	2724.2
BTD0280	BTD0280.252	218.61	219.49	Muscovite	1	NULL	NULL	105.89	3216.1
BTD0280	BTD0280.253	219.49	220.37	Muscovite	1	NULL	NULL	123.07	3104.6
BTD0280	BTD0280.254	220.37	221.25	Muscovite	1	NULL	NULL	116.92	2643.2
BTD0280	BTD0280.255	221.25	222.13	Muscovite	1	NULL	NULL	259.72	1654.6
BTD0280	BTD0280.256	222.13	223.01	Muscovite	1	NULL	NULL	90.92	2242.6
BTD0280	BTD0280.257	223.01	223.89	Muscovite	1	NULL	NULL	104.53	1941.2
BTD0280	BTD0280.258	223.89	224.76	Muscovite	1	NULL	NULL	91.461	1813.8
BTD0280	BTD0280.259	224.76	225.63	Muscovite	1	NULL	NULL	107.23	1930.7
BTD0280	BTD0280.260	225.63	226.51	Illite	1	NULL	NULL	103.45	1889.8
BTD0280	BTD0280.261	226.51	227.38	Spectral	NULL	NULL	NULL	5000	1249
BTD0280	BTD0280.262	227.38	228.25	Muscovite	1	NULL	NULL	80.634	2413.6
BTD0280	BTD0280.263	228.25	229.13	Muscovite	0.831	Kaolinite	0.169	66.274	1898.7
BTD0280	BTD0280.264	229.13	230.01	Muscovite	0.769	Kaolinite	0.231	59.035	2327
BTD0280	BTD0280.265	230.01	230.90	Muscovite	0.817	Kaolinite	0.183	57.665	2248.7
BTD0280	BTD0280.266	230.90	231.78	Illite	0.797	Kaolinite	0.203	68.053	1924.2
BTD0280	BTD0280.267	231.78	232.67	Muscovite	0.602	Kaolinite	0.398	38.071	2243.9
BTD0280	BTD0280.268	232.67	233.55	Muscovite	0.787	Kaolinite	0.213	58.539	2527.4
BTD0280	BTD0280.269	233.55	234.44	Kaolinite	0.649	Illite	0.351	28.726	2021.4
BTD0280	BTD0280.270	234.44	235.31	Muscovite	1	NULL	NULL	76.061	2495.1
BTD0280	BTD0280.271	235.31	236.19	Illite	0.632	Kaolinite	0.368	39.39	2598
BTD0280	BTD0280.272	236.19	237.07	Muscovite	1	NULL	NULL	68.477	2807.5
BTD0280	BTD0280.273	237.07	237.95	Illite	0.699	Kaolinite	0.301	67.258	2335.9
BTD0280	BTD0280.274	237.95	238.83	Illite	0.584	Kaolinite	0.416	80.033	2108.3
BTD0280	BTD0280.275	238.83	239.71	Kaolinite	0.704	Muscovite	0.296	29.664	1832.6
BTD0280	BTD0280.276	239.71	240.63	Muscovite	1	NULL	NULL	122.2	2015.8
BTD0280	BTD0280.277	240.63	241.56	Illite	1	NULL	NULL	116.48	1622.4
BTD0280	BTD0280.278	241.56	242.49	Muscovite	1	NULL	NULL	86.255	2583
BTD0280	BTD0280.279	242.49	243.41	Muscovite	1	NULL	NULL	90.94	1883.2
BTD0280	BTD0280.280	243.41	244.34	Muscovite	0.719	Kaolinite	0.281	132.77	1807
BTD0280	BTD0280.281	244.34	245.27	Illite	0.588	Kaolinite	0.412	42.208	2371.1
BTD0280	BTD0280.282	245.27	246.13	Illite	0.706	Kaolinite	0.294	59.786	2100.6
BTD0280	BTD0280.283	246.13	247.00	Muscovite	0.706	Kaolinite	0.294	45.53	2152.1
BTD0280	BTD0280.284	247.00	247.87	Muscovite	1	NULL	NULL	86.877	2917.5
BTD0280	BTD0280.285	247.87	248.73	Muscovite	1	NULL	NULL	81.917	2034
BTD0280	BTD0280.286	248.73	249.60	Illite	0.735	Phengite	0.265	66.805	2131.1
BTD0280	BTD0280.287	249.60	250.47	Illite	0.729	Kaolinite	0.271	44.709	2583.5
BTD0280	BTD0280.288	250.47	251.32	Muscovite	0.652	Kaolinite	0.348	39.466	1678.9
BTD0280	BTD0280.289	251.32	252.17	Muscovite	1	NULL	NULL	147.52	1717.6
BTD0280	BTD0280.290	252.17	253.02	Kaolinite	0.554	Muscovite	0.446	27.479	2355.6
BTD0280	BTD0280.291	253.02	253.87	Illite	0.634	Kaolinite	0.366	36.744	1842.7
BTD0280	BTD0280.292	253.87	254.72	Muscovite	0.659	Kaolinite	0.341	45.159	2180.1
BTD0280	BTD0280.293	254.72	255.58	Kaolinite	0.525	Muscovite	0.475	55.759	2509.7
BTD0280	BTD0280.294	255.58	256.38	Muscovite	1	NULL	NULL	117.82	2304.9
BTD0280	BTD0280.295	256.38	257.18	Muscovite	1	NULL	NULL	152.14	2364.3
BTD0280	BTD0280.296	257.18	257.99	Muscovite	1	NULL	NULL	299.76	1945.6

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0280	BTD0280.297	257.99	258.79	Muscovite	0.731	Kaolinite	0.269	122.29	3226.6
BTD0280	BTD0280.298	258.79	259.59	Muscovite	0.573	Kaolinite	0.427	232.15	2919.7
BTD0280	BTD0280.299	259.59	260.40	Muscovite	0.844	Jarosite	0.156	150.03	3116.4
BTD0280	BTD0280.300	260.40	261.24	Muscovite	1	NULL	NULL	282.39	2168.7
BTD0280	BTD0280.301	261.24	262.09	Muscovite	1	NULL	NULL	101.41	2352.8
BTD0280	BTD0280.302	262.09	262.94	Muscovite	1	NULL	NULL	77.083	2162.3
BTD0280	BTD0280.303	262.94	263.78	Muscovite	0.736	Kaolinite	0.264	173.28	2346.5
BTD0280	BTD0280.304	263.78	264.63	Muscovite	1	NULL	NULL	202.13	2453.6
BTD0280	BTD0280.305	264.63	265.48	Muscovite	1	NULL	NULL	67.86	2449.6
BTD0280	BTD0280.306	265.48	266.30	Muscovite	0.622	Siderite	0.378	83.374	4097.9
BTD0280	BTD0280.307	266.30	267.13	Muscovite	0.594	Siderite	0.406	115.2	2711.1
BTD0280	BTD0280.308	267.13	267.96	Muscovite	1	NULL	NULL	106.49	3666.3
BTD0280	BTD0280.309	267.96	268.79	Montmorillonite	1	NULL	NULL	424.23	1847.8
BTD0280	BTD0280.310	268.79	269.62	Illite	0.607	Phengite	0.393	69.897	2938.4
BTD0280	BTD0280.311	269.62	270.45	Muscovite	0.803	Kaolinite	0.197	82.425	2953.2
BTD0280	BTD0280.312	270.45	271.27	Muscovite	0.791	Kaolinite	0.209	45.185	3232.4
BTD0280	BTD0280.313	271.27	272.10	Kaolinite	0.514	Muscovite	0.486	78.45	3104
BTD0280	BTD0280.314	272.10	272.92	Muscovite	0.692	Kaolinite	0.308	53.125	2361.5
BTD0280	BTD0280.315	272.92	273.75	Muscovite	0.699	Kaolinite	0.301	54.406	2174.9
BTD0280	BTD0280.316	273.75	274.57	Kaolinite	1	NULL	NULL	55.038	2335.2
BTD0280	BTD0280.317	274.57	275.40	Kaolinite	0.799	Muscovite	0.201	62.055	2821.8
BTD0280	BTD0280.318	275.40	276.20	Muscovite	1	NULL	NULL	92.125	2624.5
BTD0280	BTD0280.319	276.20	277.00	Muscovite	0.74	Kaolinite	0.26	61.485	2679.6
BTD0280	BTD0280.320	277.00	277.80	Muscovite	1	NULL	NULL	111.29	2092.3
BTD0280	BTD0280.321	277.80	278.60	Muscovite	0.639	Kaolinite	0.361	90.673	3209.8
BTD0280	BTD0280.322	278.60	279.40	Muscovite	0.64	Kaolinite	0.36	66.012	3502.8
BTD0280	BTD0280.323	279.40	280.21	Illite	0.528	Phengite	0.472	92.104	3059
BTD0280	BTD0280.324	280.21	281.05	Muscovite	1	NULL	NULL	116.31	1722.1
BTD0280	BTD0280.325	281.05	281.89	Muscovite	1	NULL	NULL	357.76	2626.6
BTD0280	BTD0280.326	281.89	282.73	Spectral	NULL	NULL	NULL	5000	3020.3
BTD0280	BTD0280.327	282.73	283.57	Muscovite	1	NULL	NULL	206.09	1882.7
BTD0280	BTD0280.328	283.57	284.41	Muscovite	1	NULL	NULL	208.19	3161.7
BTD0280	BTD0280.329	284.41	285.26	Muscovite	0.788	Kaolinite	0.212	87.641	2912.9
BTD0280	BTD0280.330	285.26	286.09	Muscovite	0.652	Kaolinite	0.348	50.575	2649.1
BTD0280	BTD0280.331	286.09	286.92	Illite	0.781	Phengite	0.219	35.514	2630.8
BTD0280	BTD0280.332	286.92	287.75	Illite	0.56	Phengite	0.44	84.81	2353.7
BTD0280	BTD0280.333	287.75	288.58	Muscovite	0.628	Kaolinite	0.372	47.183	2667
BTD0280	BTD0280.334	288.58	289.41	Kaolinite	0.601	Muscovite	0.399	61.161	3173.5
BTD0280	BTD0280.335	289.41	290.24	Muscovite	0.683	Kaolinite	0.317	54.94	3412.3
BTD0280	BTD0280.336	290.24	290.91	Muscovite	1	NULL	NULL	337.35	2113.7
BTD0280	BTD0280.337	290.91	291.59	Muscovite	1	NULL	NULL	395.48	2792.5
BTD0280	BTD0280.338	291.59	292.27	Muscovite	1	NULL	NULL	240.49	1492.6
BTD0280	BTD0280.339	292.27	292.94	Muscovite	1	NULL	NULL	117.74	2556.8
BTD0280	BTD0280.340	292.94	293.62	Kaolinite	0.511	Muscovite	0.489	64.813	3046.8
BTD0280	BTD0280.341	293.62	294.30	Muscovite	1	NULL	NULL	83.318	2035.9
BTD0280	BTD0280.342	294.30	295.11	Muscovite	1	NULL	NULL	66.617	2865.1
BTD0280	BTD0280.343	295.11	295.93	Illite	0.673	Phengite	0.327	37.049	2497.8
BTD0280	BTD0280.344	295.93	296.75	Illite	0.55	Phengite	0.45	29.582	2513.5
BTD0280	BTD0280.345	296.75	297.56	Phengite	0.532	Illite	0.468	56.725	2350.3
BTD0280	BTD0280.346	297.56	298.38	Muscovite	0.592	Montmorillonite	0.408	52.82	1570.6
BTD0280	BTD0280.347	298.38	299.20	Muscovite	1	NULL	NULL	87.878	2505.6
BTD0280	BTD0280.348	299.20	299.98	Muscovite	1	NULL	NULL	128.15	2214.9
BTD0280	BTD0280.349	299.98	300.77	Muscovite	1	NULL	NULL	98.24	2612.2

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0280	BTD0280.350	300.77	301.56	Muscovite	0.772	Kaolinite	0.228	64.269	2408.7
BTD0280	BTD0280.351	301.56	302.34	Muscovite	1	NULL	NULL	109.3	2212.1
BTD0280	BTD0280.352	302.34	303.13	Phengite	0.522	Illite	0.478	46.015	2885.9
BTD0280	BTD0280.353	303.13	303.92	Muscovite	1	NULL	NULL	367.55	2233.9
BTD0280	BTD0280.354	303.92	304.76	Illite	0.551	Phengite	0.449	42.505	3164
BTD0280	BTD0280.355	304.76	305.60	Muscovite	1	NULL	NULL	86.216	2271.1
BTD0280	BTD0280.356	305.60	306.44	Muscovite	1	NULL	NULL	112.93	2028.3
BTD0280	BTD0280.357	306.44	307.28	Illite	0.639	Phengite	0.361	58.205	2158.4
BTD0280	BTD0280.358	307.28	308.12	Illite	0.619	Phengite	0.381	39.784	2279.2
BTD0280	BTD0280.359	308.12	308.96	Illite	0.608	Phengite	0.392	29.646	2940.3
BTD0280	BTD0280.360	308.96	309.82	Muscovite	1	NULL	NULL	141.05	1365.1
BTD0280	BTD0280.361	309.82	310.69	Illite	1	NULL	NULL	100.65	1569.1
BTD0280	BTD0280.362	310.69	311.55	Illite	0.644	MgChlorite	0.356	92.822	1488.7
BTD0280	BTD0280.363	311.55	312.42	Illite	1	NULL	NULL	168.94	1418.6
BTD0280	BTD0280.364	312.42	313.28	Illite	0.654	Phengite	0.346	30.047	2460.8
BTD0280	BTD0280.365	313.28	314.15	Illite	0.66	Phengite	0.34	49.153	3198.6
BTD0280	BTD0280.366	314.15	314.97	Illite	0.7	Phengite	0.3	33.179	1744.6
BTD0280	BTD0280.367	314.97	315.80	Illite	0.697	Phengite	0.303	32.685	2311.3
BTD0280	BTD0280.368	315.80	316.62	Illite	0.545	Phengite	0.455	32.713	2235
BTD0280	BTD0280.369	316.62	317.45	Illite	0.759	Montmorillonite	0.241	39.512	2037
BTD0280	BTD0280.370	317.45	318.27	Illite	1	NULL	NULL	53.186	1975
BTD0280	BTD0280.371	318.27	319.10	Illite	0.685	Phengite	0.315	18.91	2151.3
BTD0280	BTD0280.372	319.10	320.01	Illite	1	NULL	NULL	63.995	1381.6
BTD0280	BTD0280.373	320.01	320.92	Illite	1	NULL	NULL	156.21	869.42
BTD0280	BTD0280.374	320.92	321.83	Illite	1	NULL	NULL	46.163	1837.5
BTD0280	BTD0280.375	321.83	322.74	Illite	1	NULL	NULL	412.62	936.44
BTD0280	BTD0280.376	322.74	323.65	Illite	1	NULL	NULL	66.146	1449.8
BTD0280	BTD0280.377	323.65	324.56	Illite	1	NULL	NULL	99.585	1484.6
BTD0280	BTD0280.378	324.56	325.47	Illite	0.662	MgChlorite	0.338	54.863	1978.2
BTD0280	BTD0280.379	325.47	326.39	Illite	0.666	IntChlorite	0.334	53.812	1880.8
BTD0280	BTD0280.380	326.39	327.31	Muscovite	1	NULL	NULL	86.389	1288.6
BTD0280	BTD0280.381	327.31	328.23	Illite	0.545	Phengite	0.455	100.25	1478.8
BTD0280	BTD0280.382	328.23	329.15	Phengite	0.834	Brucite	0.166	143.75	2104.5
BTD0280	BTD0280.383	329.15	330.07	Phengite	0.609	Montmorillonite	0.391	146.58	1499.7
BTD0280	BTD0280.384	330.07	330.96	Illite	0.533	Phengite	0.467	87.553	2069.2
BTD0280	BTD0280.385	330.96	331.85	MgChlorite	0.575	Illite	0.425	111.96	1793.3
BTD0280	BTD0280.386	331.85	332.74	Illite	1	NULL	NULL	468.2	1442.2
BTD0280	BTD0280.387	332.74	333.63	IntChlorite	0.546	Illite	0.454	95.619	1692.5
BTD0280	BTD0280.388	333.63	334.52	Illite	0.569	IntChlorite	0.431	75.22	1546.5
BTD0280	BTD0280.389	334.52	335.41	Calcite	0.531	Montmorillonite	0.469	116.31	1815.8
BTD0280	BTD0280.390	335.41	336.30	MgChlorite	0.758	Opal	0.242	27.423	2154.8
BTD0280	BTD0280.391	336.30	337.19	MgChlorite	0.762	Opal	0.238	42.03	2686.3
BTD0280	BTD0280.392	337.19	338.08	MgChlorite	0.612	Illite	0.388	75.501	1945.5
BTD0280	BTD0280.393	338.08	338.97	Muscovite	0.549	IntChlorite	0.451	64.141	1157.4
BTD0280	BTD0280.394	338.97	339.86	Illite	0.583	IntChlorite	0.417	120.18	1226.1
BTD0280	BTD0280.395	339.86	340.76	IntChlorite	0.564	Muscovite	0.436	64.277	1206.5
BTD0280	BTD0280.396	340.76	341.62	MgChlorite	0.547	Illite	0.453	57.677	1280.6
BTD0280	BTD0280.397	341.62	342.48	IntChlorite	0.663	Muscovite	0.337	68.186	1253.1
BTD0280	BTD0280.398	342.48	343.34	MgChlorite	0.52	Phengite	0.48	119.64	1324.6
BTD0280	BTD0280.399	343.34	344.20	MgChlorite	0.658	Kaolinite	0.342	89.709	919.76
BTD0280	BTD0280.400	344.20	345.06	MgChlorite	1	NULL	NULL	173.33	1066.3
BTD0280	BTD0280.401	345.06	345.92	Illite	0.588	Phengite	0.412	114.76	1347.2
BTD0280	BTD0280.402	345.92	346.75	MgChlorite	0.594	Illite	0.406	78.648	1429.3

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0280	BTD0280.403	346.75	347.58	IntChlorite	0.591	Illite	0.409	139.19	1383.1
BTD0280	BTD0280.404	347.58	348.41	MgChlorite	0.546	Illite	0.454	110.62	1729.9
BTD0280	BTD0280.405	348.41	349.24	MgChlorite	0.552	Illite	0.448	93.028	1149.1
BTD0280	BTD0280.406	349.24	350.07	MgChlorite	0.691	Dolomite	0.309	87.125	2180.1
BTD0280	BTD0280.407	350.07	350.90	Illite	0.524	MgChlorite	0.476	188.69	1605.5
BTD0280	BTD0280.408	350.90	351.79	MgChlorite	0.525	Illite	0.475	91.624	1120.1
BTD0280	BTD0280.409	351.79	352.69	Illite	0.624	IntChlorite	0.376	60.788	1647.3
BTD0280	BTD0280.410	352.69	353.59	Illite	1	NULL	NULL	81.617	1504.2
BTD0280	BTD0280.411	353.59	354.49	Muscovite	0.644	Prehnite	0.356	183.76	1288.8
BTD0280	BTD0280.412	354.49	355.39	MgChlorite	0.564	Illite	0.436	179.05	1409.2
BTD0280	BTD0280.413	355.39	356.28	Muscovite	0.51	MgChlorite	0.49	154.94	1321.3
BTD0280	BTD0280.414	356.28	357.18	MgChlorite	0.677	Illite	0.323	91.212	1179
BTD0280	BTD0280.415	357.18	358.08	Illite	1	NULL	NULL	52.961	1113.1
BTD0280	BTD0280.416	358.08	358.98	Illite	0.546	IntChlorite	0.454	85.927	1576.9
BTD0280	BTD0280.417	358.98	359.88	MgChlorite	0.615	Illite	0.385	171.45	1197.8
BTD0280	BTD0280.418	359.88	360.78	MgChlorite	0.759	Illite	0.241	162.29	1455.4
BTD0280	BTD0280.419	360.78	361.67	IntChlorite	0.599	Muscovite	0.401	138.81	1535.8
BTD0280	BTD0280.420	361.67	362.60	Illite	0.525	IntChlorite	0.475	60.457	1454.4
BTD0280	BTD0280.421	362.60	363.53	MgChlorite	0.543	Illite	0.457	94.422	1408.8
BTD0280	BTD0280.422	363.53	364.46	MgChlorite	0.568	Illite	0.432	131.84	1338.3
BTD0280	BTD0280.423	364.46	365.39	Muscovite	0.554	Prehnite	0.446	93.998	1468.8
BTD0280	BTD0280.424	365.39	366.32	MgChlorite	0.592	Illite	0.408	185.69	1438.5
BTD0280	BTD0280.425	366.32	367.24	MgChlorite	0.552	Illite	0.448	138.86	1573
BTD0280	BTD0280.426	367.24	368.02	MgChlorite	0.575	Prehnite	0.425	130.34	1649.4
BTD0280	BTD0280.427	368.02	368.79	IntChlorite	0.57	Muscovite	0.43	117.37	1062.5
BTD0280	BTD0280.428	368.79	369.57	MgChlorite	0.591	Illite	0.409	96.443	1581.4
BTD0280	BTD0280.429	369.57	370.34	MgChlorite	0.652	Illite	0.348	73.093	1466.9
BTD0280	BTD0280.430	370.34	371.12	Illite	0.518	MgChlorite	0.482	143.34	1430
BTD0280	BTD0280.431	371.12	371.89	MgChlorite	0.574	Illite	0.426	133.44	1145.1
BTD0281	BTD0281.001	0.00	1.22	Kaolinite	0.532	Montmorillonite	0.468	76.629	1492.1
BTD0281	BTD0281.002	1.22	2.44	Kaolinite	0.557	Montmorillonite	0.443	71.528	3174.5
BTD0281	BTD0281.003	2.44	3.66	Montmorillonite	0.519	Kaolinite	0.481	78.844	2839.3
BTD0281	BTD0281.004	3.66	4.88	Kaolinite	0.741	Montmorillonite	0.259	38.832	2198.2
BTD0281	BTD0281.005	4.88	6.10	Kaolinite	0.748	Illite	0.252	60.734	3909.4
BTD0281	BTD0281.006	6.10	7.01	Kaolinite	0.673	Illite	0.327	84.281	3580.7
BTD0281	BTD0281.007	7.01	7.93	Kaolinite	0.598	Illite	0.402	38.809	3185.4
BTD0281	BTD0281.008	7.93	8.84	Kaolinite	0.785	Illite	0.215	66.529	2751.5
BTD0281	BTD0281.009	8.84	9.76	Kaolinite	0.72	Montmorillonite	0.28	45.49	2178.9
BTD0281	BTD0281.010	9.76	10.68	Kaolinite	0.67	Illite	0.33	88.056	2128.3
BTD0281	BTD0281.011	10.68	12.00	Kaolinite	0.633	Illite	0.367	83.46	3329.9
BTD0281	BTD0281.012	12.00	13.32	Kaolinite	0.666	Illite	0.334	65.405	3159.5
BTD0281	BTD0281.013	13.32	14.65	Kaolinite	0.58	Illite	0.42	54.45	2465
BTD0281	BTD0281.014	14.65	15.97	Kaolinite	0.668	Muscovite	0.332	41.758	2764.5
BTD0281	BTD0281.015	15.97	17.30	Kaolinite	0.652	Muscovite	0.348	48.981	3305.5
BTD0281	BTD0281.016	17.30	18.28	Kaolinite	0.645	Muscovite	0.355	39.293	3407
BTD0281	BTD0281.017	18.28	19.26	Phengite	0.516	Halloysite	0.484	57.356	3220.1
BTD0281	BTD0281.018	19.26	20.24	Halloysite	0.547	Kaolinite	0.453	57.283	2679.2
BTD0281	BTD0281.019	20.24	21.22	Halloysite	0.594	Kaolinite	0.406	65.355	2382
BTD0281	BTD0281.020	21.22	22.21	IntChlorite	0.713	Illite	0.287	71.542	2135.3
BTD0281	BTD0281.021	22.21	23.03	IntChlorite	0.566	Muscovite	0.434	62.22	1718
BTD0281	BTD0281.022	23.03	23.86	Phengite	0.834	Brucite	0.166	234.1	1740.5
BTD0281	BTD0281.023	23.86	24.69	FeChlorite	0.848	Muscovite	0.152	43.602	1372.5
BTD0281	BTD0281.024	24.69	25.52	IntChlorite	0.758	Phengite	0.242	75.132	1717.8

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0281	BTD0281.025	25.52	26.35	Phengite	0.564	Illite	0.436	174.62	1785.8
BTD0281	BTD0281.026	26.35	27.19	IntChlorite	0.545	Phengite	0.455	89.184	2131.4
BTD0281	BTD0281.027	27.19	28.04	IntChlorite	0.814	Phengite	0.186	49.875	1034.3
BTD0281	BTD0281.028	28.04	28.89	IntChlorite	1	NULL	NULL	52.62	1139.9
BTD0281	BTD0281.029	28.89	29.74	Phengite	0.558	IntChlorite	0.442	108.84	2020.7
BTD0281	BTD0281.030	29.74	30.59	IntChlorite	0.716	Muscovite	0.284	57.701	3833.1
BTD0281	BTD0281.031	30.59	31.44	IntChlorite	0.708	Muscovite	0.292	82.088	1029.3
BTD0281	BTD0281.032	31.44	32.30	Ankerite	0.611	Illite	0.389	152.91	2335.5
BTD0281	BTD0281.033	32.30	33.15	Illite	0.535	Phengite	0.465	132.19	1932.2
BTD0281	BTD0281.034	33.15	34.01	IntChlorite	0.681	Muscovite	0.319	62.567	1126
BTD0281	BTD0281.035	34.01	34.87	IntChlorite	0.672	Ankerite	0.328	63.174	2463
BTD0281	BTD0281.036	34.87	35.70	Illite	0.509	IntChlorite	0.491	79.971	1579.1
BTD0281	BTD0281.037	35.70	36.54	Illite	0.509	Phengite	0.491	136.11	1820.8
BTD0281	BTD0281.038	36.54	37.37	FeChlorite	0.704	Phengite	0.296	48.405	1755.2
BTD0281	BTD0281.039	37.37	38.21	IntChlorite	0.823	Montmorillonite	0.177	53.303	1127.4
BTD0281	BTD0281.040	38.21	39.05	IntChlorite	0.745	Ankerite	0.255	71.302	1430.6
BTD0281	BTD0281.041	39.05	39.92	MgChlorite	1	NULL	NULL	168.65	1500.6
BTD0281	BTD0281.042	39.92	40.79	Ankerite	0.655	Dolomite	0.345	29.269	2712.1
BTD0281	BTD0281.043	40.79	41.66	IntChlorite	0.838	Illite	0.162	58.144	1430.2
BTD0281	BTD0281.044	41.66	42.53	FeChlorite	0.625	Ankerite	0.375	52.911	1649.4
BTD0281	BTD0281.045	42.53	43.41	IntChlorite	0.533	MgChlorite	0.467	67.501	1981
BTD0281	BTD0281.046	43.41	44.24	IntChlorite	0.651	Muscovite	0.349	94.176	1567.6
BTD0281	BTD0281.047	44.24	45.07	IntChlorite	0.611	Montmorillonite	0.389	80.847	1640.7
BTD0281	BTD0281.048	45.07	45.91	IntChlorite	1	NULL	NULL	162.44	1611.2
BTD0281	BTD0281.049	45.91	46.74	Aspectral	NULL	NULL	NULL	5000	1674
BTD0281	BTD0281.050	46.74	47.58	MgChlorite	1	NULL	NULL	187.62	1100.6
BTD0281	BTD0281.051	47.58	48.42	MgChlorite	0.746	Illite	0.254	81.772	1814.2
BTD0281	BTD0281.052	48.42	49.26	Illite	1	NULL	NULL	237.76	1985.8
BTD0281	BTD0281.053	49.26	50.10	FeChlorite	0.528	Muscovite	0.472	61.177	1524.4
BTD0281	BTD0281.054	50.10	50.94	IntChlorite	1	NULL	NULL	64.196	1721.4
BTD0281	BTD0281.055	50.94	51.78	IntChlorite	1	NULL	NULL	219.39	1322.7
BTD0281	BTD0281.056	51.78	52.63	Aspectral	NULL	NULL	NULL	5000	1171
BTD0281	BTD0281.057	52.63	53.48	Aspectral	NULL	NULL	NULL	5000	1478.1
BTD0281	BTD0281.058	53.48	54.33	IntChlorite	1	NULL	NULL	206.74	1041.9
BTD0281	BTD0281.059	54.33	55.18	Aspectral	NULL	NULL	NULL	5000	943.32
BTD0281	BTD0281.060	55.18	56.03	IntChlorite	0.692	Muscovite	0.308	66.411	1379.2
BTD0281	BTD0281.061	56.03	56.89	Ankerite	0.503	MgChlorite	0.497	97.193	1745.6
BTD0281	BTD0281.062	56.89	57.74	Illite	1	NULL	NULL	192.14	2078.5
BTD0281	BTD0281.063	57.74	58.60	FeChlorite	0.746	MgChlorite	0.254	30.672	2074.5
BTD0281	BTD0281.064	58.60	59.46	IntChlorite	0.718	Muscovite	0.282	46.622	1423
BTD0281	BTD0281.065	59.46	60.31	Illite	0.552	Phengite	0.448	54.011	2028.5
BTD0281	BTD0281.066	60.31	61.17	Illite	0.526	Phengite	0.474	56.883	1245.8
BTD0281	BTD0281.067	61.17	62.03	Illite	0.565	Phengite	0.435	40.989	2126.7
BTD0281	BTD0281.068	62.03	62.83	Illite	0.594	Phengite	0.406	47.778	1584.5
BTD0281	BTD0281.069	62.83	63.63	Illite	0.566	Phengite	0.434	40.907	1684.1
BTD0281	BTD0281.070	63.63	64.43	Illite	0.56	Phengite	0.44	146.22	1892.1
BTD0281	BTD0281.071	64.43	65.23	FeChlorite	0.701	Muscovite	0.299	47.223	1194.4
BTD0281	BTD0281.072	65.23	66.03	MgChlorite	0.522	Illite	0.478	80.371	1437.5
BTD0281	BTD0281.073	66.03	66.84	MgChlorite	1	NULL	NULL	119.94	872.02
BTD0281	BTD0281.074	66.84	67.70	Aspectral	NULL	NULL	NULL	5000	692.35
BTD0281	BTD0281.075	67.70	68.57	MgChlorite	0.545	Muscovite	0.455	66.109	931
BTD0281	BTD0281.076	68.57	69.44	MgChlorite	0.516	Illite	0.484	106.46	1829.2
BTD0281	BTD0281.077	69.44	70.30	Illite	0.57	Phengite	0.43	71.954	1655.7

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0281	BTD0281.078	70.30	71.17	Illite	0.524	Ankerite	0.476	142.84	1865.2
BTD0281	BTD0281.079	71.17	72.04	Muscovite	1	NULL	NULL	433.63	1304.7
BTD0281	BTD0281.080	72.04	72.92	Aspectral	NULL	NULL	NULL	5000	962.49
BTD0281	BTD0281.081	72.92	73.80	Illite	0.512	MgChlorite	0.488	84.196	1824.3
BTD0281	BTD0281.082	73.80	74.69	FeChlorite	0.674	Muscovite	0.326	42.455	1854.7
BTD0281	BTD0281.083	74.69	75.57	IntChlorite	0.63	Muscovite	0.37	72.482	1318.1
BTD0281	BTD0281.084	75.57	76.45	MgChlorite	0.637	Illite	0.363	74.104	1340.1
BTD0281	BTD0281.085	76.45	77.34	FeChlorite	0.525	MgChlorite	0.475	36.827	1937.7
BTD0281	BTD0281.086	77.34	78.18	IntChlorite	0.577	Illite	0.423	70.125	1859.9
BTD0281	BTD0281.087	78.18	79.03	FeChlorite	0.827	Muscovite	0.173	45.111	997.76
BTD0281	BTD0281.088	79.03	79.88	Illite	0.566	Phengite	0.434	67.882	2898.5
BTD0281	BTD0281.089	79.88	80.73	Muscovite	0.517	IntChlorite	0.483	80.702	1121.9
BTD0281	BTD0281.090	80.73	81.58	IntChlorite	0.686	Illite	0.314	74.632	1350.6
BTD0281	BTD0281.091	81.58	82.43	Illite	0.574	Phengite	0.426	62.226	2471.6
BTD0281	BTD0281.092	82.43	83.28	FeChlorite	0.823	Illite	0.177	46.725	1768.5
BTD0281	BTD0281.093	83.28	84.13	Dolomite	0.688	Calcite	0.312	55.228	2898.6
BTD0281	BTD0281.094	84.13	84.99	MgChlorite	0.627	Dolomite	0.373	79.343	2685.5
BTD0281	BTD0281.095	84.99	85.84	MgChlorite	0.538	Opal	0.462	154.81	1186.9
BTD0281	BTD0281.096	85.84	86.69	IntChlorite	0.675	Montmorillonite	0.325	121.48	667.7
BTD0281	BTD0281.097	86.69	87.54	MgChlorite	0.643	Magnesium_Clays	0.357	124.17	1181.2
BTD0281	BTD0281.098	87.54	88.44	Opal	1	NULL	NULL	683.71	1007.2
BTD0281	BTD0281.099	88.44	89.33	Opal	1	NULL	NULL	1090.39	1020.7
BTD0281	BTD0281.100	89.33	90.22	Aspectral	NULL	NULL	NULL	5000	1187.2
BTD0281	BTD0281.101	90.22	91.12	Zoisite	1	NULL	NULL	835.08	1248.7
BTD0281	BTD0281.102	91.12	92.01	Muscovite	1	NULL	NULL	736.7	870.86
BTD0281	BTD0281.103	92.01	92.90	Aspectral	NULL	NULL	NULL	5000	1068.1
BTD0281	BTD0281.104	92.90	93.81	Aspectral	NULL	NULL	NULL	5000	898.03
BTD0281	BTD0281.105	93.81	94.71	Opal	1	NULL	NULL	4518.75	1558.5
BTD0281	BTD0281.106	94.71	95.62	Muscovite	0.508	Magnesite	0.492	324.19	1231.1
BTD0281	BTD0281.107	95.62	96.52	Aspectral	NULL	NULL	NULL	5000	919.05
BTD0281	BTD0281.108	96.52	97.43	Aspectral	NULL	NULL	NULL	5000	982.83
BTD0281	BTD0281.109	97.43	98.33	Aspectral	NULL	NULL	NULL	5000	1196.7
BTD0281	BTD0281.110	98.33	99.23	MgChlorite	0.843	Brucite	0.157	159.54	1496.4
BTD0281	BTD0281.111	99.23	100.13	MgChlorite	1	NULL	NULL	302.87	1109
BTD0281	BTD0281.112	100.13	101.03	Aspectral	NULL	NULL	NULL	5000	832.04
BTD0281	BTD0281.113	101.03	101.92	IntChlorite	0.588	Muscovite	0.412	70.775	1402
BTD0281	BTD0281.114	101.92	102.82	Illite	0.533	Phengite	0.467	160.94	1376.5
BTD0281	BTD0281.115	102.82	103.72	FeChlorite	0.642	MgChlorite	0.358	23.32	2462.4
BTD0281	BTD0281.116	103.72	104.54	Illite	0.572	Phengite	0.428	126.88	1485.2
BTD0281	BTD0281.117	104.54	105.37	Illite	0.662	MgChlorite	0.338	70.715	1741.4
BTD0281	BTD0281.118	105.37	106.20	Illite	0.53	Phengite	0.47	46.633	1944.7
BTD0281	BTD0281.119	106.20	107.03	Illite	0.586	Phengite	0.414	48.437	2197.7
BTD0281	BTD0281.120	107.03	107.86	IntChlorite	0.72	Muscovite	0.28	67.776	2599.2
BTD0281	BTD0281.121	107.86	108.69	IntChlorite	0.758	Muscovite	0.242	57.397	1113.5
BTD0281	BTD0281.122	108.69	109.55	MgChlorite	0.605	Illite	0.395	91.004	1893.3
BTD0281	BTD0281.123	109.55	110.42	MgChlorite	1	NULL	NULL	495.41	1245.1
BTD0281	BTD0281.124	110.42	111.29	Illite	0.575	MgChlorite	0.425	169	1556.9
BTD0281	BTD0281.125	111.29	112.15	Illite	0.61	MgChlorite	0.39	99.611	1882.8
BTD0281	BTD0281.126	112.15	113.02	FeChlorite	0.721	MgChlorite	0.279	35.411	1160.7
BTD0281	BTD0281.127	113.02	113.89	IntChlorite	0.707	Illite	0.293	58.349	1350.6
BTD0281	BTD0281.128	113.89	114.71	Muscovite	1	NULL	NULL	160.95	1541.1
BTD0281	BTD0281.129	114.71	115.53	Illite	0.633	Phengite	0.367	47.152	2174.6
BTD0281	BTD0281.130	115.53	116.36	Illite	0.589	Phengite	0.411	101.93	1923

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0281	BTD0281.131	116.36	117.18	Illite	0.625	Phengite	0.375	66.498	2004.4
BTD0281	BTD0281.132	117.18	118.00	Illite	0.606	Phengite	0.394	61.104	2092
BTD0281	BTD0281.133	118.00	118.83	Muscovite	0.761	Kaolinite	0.239	68.675	2172.2
BTD0281	BTD0281.134	118.83	119.71	Halloysite	1	NULL	NULL	397.29	1962.5
BTD0281	BTD0281.135	119.71	120.60	Illite	0.748	Kaolinite	0.252	81.594	1776.2
BTD0281	BTD0281.136	120.60	121.49	Muscovite	0.578	Kaolinite	0.422	121.32	2096.6
BTD0281	BTD0281.137	121.49	122.38	Muscovite	0.504	Kaolinite	0.496	141.93	2293.4
BTD0281	BTD0281.138	122.38	123.27	Muscovite	0.614	Kaolinite	0.386	105.03	2870.9
BTD0281	BTD0281.139	123.27	124.16	Muscovite	1	NULL	NULL	315.27	2344.4
BTD0281	BTD0281.140	124.16	124.98	Muscovite	0.545	Kaolinite	0.455	125.07	2307
BTD0281	BTD0281.141	124.98	125.80	Muscovite	0.64	Kaolinite	0.36	278.69	2519.7
BTD0281	BTD0281.142	125.80	126.62	Muscovite	0.561	Kaolinite	0.439	155.84	2715.4
BTD0281	BTD0281.143	126.62	127.44	Muscovite	0.763	Kaolinite	0.237	92.832	2716.2
BTD0281	BTD0281.144	127.44	128.26	Illite	1	NULL	NULL	135.05	2296.1
BTD0281	BTD0281.145	128.26	129.08	Muscovite	1	NULL	NULL	169.08	2570.7
BTD0281	BTD0281.146	129.08	130.09	Spectral	NULL	NULL	NULL	5000	1978.7
BTD0281	BTD0281.147	130.09	131.10	Muscovite	1	NULL	NULL	132.35	2454.1
BTD0281	BTD0281.148	131.10	132.12	Spectral	NULL	NULL	NULL	5000	2836.4
BTD0281	BTD0281.149	132.12	133.13	Muscovite	0.835	Jarosite	0.165	142.45	2214.3
BTD0281	BTD0281.150	133.13	134.14	Illite	1	NULL	NULL	127.68	3211.8
BTD0281	BTD0281.151	134.14	135.16	Muscovite	1	NULL	NULL	186.52	2667.8
BTD0281	BTD0281.152	135.16	135.97	Illite	0.832	Jarosite	0.168	149.67	1937.8
BTD0281	BTD0281.153	135.97	136.78	Muscovite	0.746	Jarosite	0.254	248.9	2645.7
BTD0281	BTD0281.154	136.78	137.60	Kaolinite	0.557	Illite	0.443	60.391	2566
BTD0281	BTD0281.155	137.60	138.41	Muscovite	0.792	Kaolinite	0.208	102.76	1897
BTD0281	BTD0281.156	138.41	139.22	Muscovite	1	NULL	NULL	117.23	2767
BTD0281	BTD0281.157	139.22	140.04	Muscovite	0.636	Siderite	0.364	93.02	2392.2
BTD0281	BTD0281.158	140.04	140.91	Illite	1	NULL	NULL	125.9	2931.6
BTD0281	BTD0281.159	140.91	141.79	Muscovite	1	NULL	NULL	99.019	2506.2
BTD0281	BTD0281.160	141.79	142.67	Muscovite	0.533	Siderite	0.467	137.71	2432
BTD0281	BTD0281.161	142.67	143.54	Spectral	NULL	NULL	NULL	5000	2360.4
BTD0281	BTD0281.162	143.54	144.42	Illite	1	NULL	NULL	87.908	2341.2
BTD0281	BTD0281.163	144.42	145.30	Muscovite	1	NULL	NULL	280.53	2168.3
BTD0281	BTD0281.164	145.30	146.10	Spectral	NULL	NULL	NULL	5000	1935.1
BTD0281	BTD0281.165	146.10	146.90	Illite	0.531	Kaolinite	0.469	59.333	2624.3
BTD0281	BTD0281.166	146.90	147.71	Muscovite	1	NULL	NULL	127.65	2338.7
BTD0281	BTD0281.167	147.71	148.51	Kaolinite	0.783	Muscovite	0.217	36.825	2050.3
BTD0281	BTD0281.168	148.51	149.31	Muscovite	0.841	Jarosite	0.159	93.689	2450.7
BTD0281	BTD0281.169	149.31	150.12	Muscovite	0.738	Kaolinite	0.262	157.75	1837.2
BTD0281	BTD0281.170	150.12	150.93	Muscovite	1	NULL	NULL	123.86	1815.4
BTD0281	BTD0281.171	150.93	151.74	Muscovite	1	NULL	NULL	107.6	2684.9
BTD0281	BTD0281.172	151.74	152.55	Muscovite	1	NULL	NULL	103.51	2839.4
BTD0281	BTD0281.173	152.55	153.36	Muscovite	0.699	Jarosite	0.301	254.04	1851.9
BTD0281	BTD0281.174	153.36	154.17	Muscovite	1	NULL	NULL	84.101	2255.4
BTD0281	BTD0281.175	154.17	154.98	Muscovite	0.849	Jarosite	0.151	70.56	3234.6
BTD0281	BTD0281.176	154.98	155.83	Muscovite	1	NULL	NULL	102.63	2766.5
BTD0281	BTD0281.177	155.83	156.68	Muscovite	1	NULL	NULL	84.052	2635.3
BTD0281	BTD0281.178	156.68	157.53	Muscovite	1	NULL	NULL	117.36	2424.7
BTD0281	BTD0281.179	157.53	158.38	Kaolinite	0.694	Muscovite	0.306	41.495	2442.4
BTD0281	BTD0281.180	158.38	159.23	Muscovite	0.758	Jarosite	0.242	202.24	1804
BTD0281	BTD0281.181	159.23	160.08	Muscovite	0.632	Kaolinite	0.368	55.061	2947.4
BTD0281	BTD0281.182	160.08	160.84	Muscovite	1	NULL	NULL	127.42	2444.1
BTD0281	BTD0281.183	160.84	161.60	Muscovite	1	NULL	NULL	70.279	2214.2

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BTD0281	BTD0281.184	161.60	162.36	Muscovite	0.721	Kaolinite	0.279	61.388	2629.6
BTD0281	BTD0281.185	162.36	163.12	Muscovite	0.736	Kaolinite	0.264	44.292	2190.3
BTD0281	BTD0281.186	163.12	163.88	Muscovite	0.694	Jarosite	0.306	307.27	2140.9
BTD0281	BTD0281.187	163.88	164.64	Muscovite	1	NULL	NULL	176.29	2338.1
BTD0281	BTD0281.188	164.64	165.50	Muscovite	0.756	Kaolinite	0.244	50.947	2968.5
BTD0281	BTD0281.189	165.50	166.36	Muscovite	0.816	Kaolinite	0.184	54.455	2456.5
BTD0281	BTD0281.190	166.36	167.22	Ankerite	1	NULL	NULL	392.43	1894.5
BTD0281	BTD0281.191	167.22	168.08	Muscovite	1	NULL	NULL	299.58	2573.2
BTD0281	BTD0281.192	168.08	168.94	Muscovite	1	NULL	NULL	432.06	2944.6
BTD0281	BTD0281.193	168.94	169.80	Muscovite	1	NULL	NULL	172.17	1885.1
BTD0281	BTD0281.194	169.80	170.65	Muscovite	1	NULL	NULL	257.89	2199.2
BTD0281	BTD0281.195	170.65	171.50	Kaolinite	0.69	Siderite	0.31	63.832	2474.1
BTD0281	BTD0281.196	171.50	172.36	Kaolinite	1	NULL	NULL	54.891	2076.5
BTD0281	BTD0281.197	172.36	173.21	Kaolinite	0.848	Jarosite	0.152	66.193	1769.4
BTD0281	BTD0281.198	173.21	174.06	Muscovite	0.827	Jarosite	0.173	176.37	2316.8
BTD0281	BTD0281.199	174.06	174.92	Kaolinite	0.506	Muscovite	0.494	125.08	2051.7
BTD0281	BTD0281.200	174.92	175.75	Muscovite	0.635	Kaolinite	0.365	117	2038.3
BTD0281	BTD0281.201	175.75	176.58	Kaolinite	0.778	Jarosite	0.222	288.32	2157.1
BTD0281	BTD0281.202	176.58	177.42	Kaolinite	1	NULL	NULL	77.97	2297.6
BTD0281	BTD0281.203	177.42	178.25	Kaolinite	0.51	Muscovite	0.49	152.5	1856.8
BTD0281	BTD0281.204	178.25	179.08	Jarosite	1	NULL	NULL	1270.09	2221.2
BTD0281	BTD0281.205	179.08	179.92	Muscovite	0.825	Jarosite	0.175	92.246	2247.1
BTD0281	BTD0281.206	179.92	180.77	Muscovite	0.843	Jarosite	0.157	110.67	2293
BTD0281	BTD0281.207	180.77	181.62	Muscovite	1	NULL	NULL	120.04	2379.9
BTD0281	BTD0281.208	181.62	182.47	Muscovite	1	NULL	NULL	138	1963.7
BTD0281	BTD0281.209	182.47	183.32	Muscovite	0.698	Jarosite	0.302	320.44	2390.9
BTD0281	BTD0281.210	183.32	184.17	Muscovite	0.582	Kaolinite	0.418	86.41	2101.9
BTD0281	BTD0281.211	184.17	185.02	Muscovite	0.79	Jarosite	0.21	237.06	2403.1
BTD0281	BTD0281.212	185.02	185.89	Illite	1	NULL	NULL	561.73	3625.7
BTD0281	BTD0281.213	185.89	186.77	Kaolinite	0.703	Muscovite	0.297	107.52	2166.3
BTD0281	BTD0281.214	186.77	187.65	Muscovite	0.554	Kaolinite	0.446	185.96	2313.6
BTD0281	BTD0281.215	187.65	188.53	Illite	1	NULL	NULL	219.55	2197.7
BTD0281	BTD0281.216	188.53	189.41	Kaolinite	0.67	Muscovite	0.33	76.026	2014.2
BTD0281	BTD0281.217	189.41	190.29	Muscovite	1	NULL	NULL	270.92	2826.2
BTD0281	BTD0281.218	190.29	191.16	Kaolinite	0.581	Muscovite	0.419	138	2291.1
BTD0281	BTD0281.219	191.16	192.04	Illite	1	NULL	NULL	516.62	1914.3
BTD0281	BTD0281.220	192.04	192.92	Illite	1	NULL	NULL	224.18	2729.4
BTD0281	BTD0281.221	192.92	193.79	Illite	1	NULL	NULL	514.5	2405.6
BTD0281	BTD0281.222	193.79	194.67	Illite	1	NULL	NULL	194.75	2210.9
BTD0281	BTD0281.223	194.67	195.55	Muscovite	1	NULL	NULL	222.48	2120.3
BTD0281	BTD0281.224	195.55	196.45	Muscovite	1	NULL	NULL	211.75	3182.5
BTD0281	BTD0281.225	196.45	197.35	Muscovite	1	NULL	NULL	324.45	3770.3
BTD0281	BTD0281.226	197.35	198.26	Muscovite	1	NULL	NULL	150.34	2485.4
BTD0281	BTD0281.227	198.26	199.16	Muscovite	1	NULL	NULL	56.38	2444.4
BTD0281	BTD0281.228	199.16	200.06	Muscovite	1	NULL	NULL	137.95	2477
BTD0281	BTD0281.229	200.06	200.97	Kaolinite	0.599	Muscovite	0.401	73.48	2330.4
BTD0281	BTD0281.230	200.97	201.86	Muscovite	1	NULL	NULL	224.03	1501.8
BTD0281	BTD0281.231	201.86	202.76	Muscovite	1	NULL	NULL	333.55	2523.3
BTD0281	BTD0281.232	202.76	203.66	Illite	1	NULL	NULL	115.53	3346.6
BTD0281	BTD0281.233	203.66	204.55	Muscovite	1	NULL	NULL	146.42	1900.5
BTD0281	BTD0281.234	204.55	205.45	Muscovite	0.719	Kaolinite	0.281	69.193	2877.6
BTD0281	BTD0281.235	205.45	206.35	Muscovite	1	NULL	NULL	101.83	2618.1
BTD0281	BTD0281.236	206.35	207.24	Muscovite	0.675	Kaolinite	0.325	60.666	2029.7

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BTD0281	BTD0281.237	207.24	208.14	Illite	0.677	Kaolinite	0.323	102.71	1591.3
BTD0281	BTD0281.238	208.14	209.04	Muscovite	1	NULL	NULL	82.004	2803.6
BTD0281	BTD0281.239	209.04	209.94	Muscovite	0.713	Kaolinite	0.287	52.462	2613.3
BTD0281	BTD0281.240	209.94	210.84	Kaolinite	0.811	Muscovite	0.189	23.67	2409.1
BTD0281	BTD0281.241	210.84	211.74	Kaolinite	1	NULL	NULL	31.204	2763.3
BTD0281	BTD0281.242	211.74	212.57	Illite	0.533	Kaolinite	0.467	68.734	2445.6
BTD0281	BTD0281.243	212.57	213.41	Kaolinite	0.563	Muscovite	0.437	90.184	2588.1
BTD0281	BTD0281.244	213.41	214.24	Muscovite	1	NULL	NULL	73.207	2822.3
BTD0281	BTD0281.245	214.24	215.08	Kaolinite	0.713	Muscovite	0.287	50.817	1954
BTD0281	BTD0281.246	215.08	215.91	Muscovite	0.645	Kaolinite	0.355	86.54	2362.7
BTD0281	BTD0281.247	215.91	216.75	Illite	1	NULL	NULL	86.877	2393.8
BTD0281	BTD0281.248	216.75	217.61	Kaolinite	0.685	Muscovite	0.315	29.539	2515.3
BTD0281	BTD0281.249	217.61	218.47	Illite	0.551	Kaolinite	0.449	69.566	2383.6
BTD0281	BTD0281.250	218.47	219.33	Kaolinite	0.555	Illite	0.445	76.702	3651.3
BTD0281	BTD0281.251	219.33	220.19	Kaolinite	0.526	Illite	0.474	83.971	1939.3
BTD0281	BTD0281.252	220.19	221.05	Illite	0.757	Kaolinite	0.243	86.191	2923.9
BTD0281	BTD0281.253	221.05	221.91	Illite	1	NULL	NULL	135.66	2326.8
BTD0281	BTD0281.254	221.91	222.80	Muscovite	0.831	Kaolinite	0.169	67.98	2590.7
BTD0281	BTD0281.255	222.80	223.70	Illite	1	NULL	NULL	298.39	2469.2
BTD0281	BTD0281.256	223.70	224.59	Illite	0.744	Kaolinite	0.256	133.39	2018.5
BTD0281	BTD0281.257	224.59	225.49	Muscovite	0.681	Kaolinite	0.319	147.16	1585.2
BTD0281	BTD0281.258	225.49	226.38	Illite	1	NULL	NULL	420.35	2616.9
BTD0281	BTD0281.259	226.38	227.28	Illite	1	NULL	NULL	100.52	1748.8
BTD0281	BTD0281.260	227.28	228.13	Muscovite	0.643	Siderite	0.357	81.884	2011.5
BTD0281	BTD0281.261	228.13	228.99	Muscovite	1	NULL	NULL	125.52	1753.4
BTD0281	BTD0281.262	228.99	229.85	Illite	0.583	Kaolinite	0.417	119.54	1932
BTD0281	BTD0281.263	229.85	230.71	Kaolinite	1	NULL	NULL	34.622	2793
BTD0281	BTD0281.264	230.71	231.57	Dickite	0.649	Brucite	0.351	994.64	2010.2
BTD0281	BTD0281.265	231.57	232.43	Muscovite	0.723	Kaolinite	0.277	47.428	2413.3
BTD0281	BTD0281.266	232.43	233.32	Kaolinite	0.683	Illite	0.317	32.651	921.32
BTD0281	BTD0281.267	233.32	234.22	Kaolinite	1	NULL	NULL	98.036	1212.2
BTD0281	BTD0281.268	234.22	235.11	Kaolinite	1	NULL	NULL	50.195	1027.5
BTD0281	BTD0281.269	235.11	236.01	Kaolinite	0.83	Illite	0.17	32.593	890.35
BTD0281	BTD0281.270	236.01	236.90	Kaolinite	1	NULL	NULL	197.66	692.23
BTD0281	BTD0281.271	236.90	237.80	Kaolinite	0.83	Magnesite	0.17	30.984	879.57
BTD0281	BTD0281.272	237.80	238.60	Kaolinite	0.717	Illite	0.283	46.168	1161
BTD0281	BTD0281.273	238.60	239.41	Muscovite	0.536	Kaolinite	0.464	46.579	1234.8
BTD0281	BTD0281.274	239.41	240.21	Kaolinite	0.681	Illite	0.319	29.304	1096.9
BTD0281	BTD0281.275	240.21	241.02	Kaolinite	0.625	Muscovite	0.375	52.896	817.68
BTD0281	BTD0281.276	241.02	241.82	Kaolinite	0.672	Muscovite	0.328	34.031	1238
BTD0281	BTD0281.277	241.82	242.63	Kaolinite	0.673	Illite	0.327	31.753	983
BTD0281	BTD0281.278	242.63	243.51	Muscovite	0.674	Kaolinite	0.326	78.676	1338
BTD0281	BTD0281.279	243.51	244.40	Kaolinite	0.669	Phengite	0.331	28.721	1136.7
BTD0281	BTD0281.280	244.40	245.28	Kaolinite	1	NULL	NULL	78.649	855.53
BTD0281	BTD0281.281	245.28	246.17	Kaolinite	1	NULL	NULL	369.35	664.13
BTD0281	BTD0281.282	246.17	247.05	NULL	NULL	NULL	NULL	NULL	1353.9
BTD0281	BTD0281.283	247.05	247.94	Kaolinite	1	NULL	NULL	164.76	1170.6
BTD0281	BTD0281.284	247.94	248.81	Kaolinite	1	NULL	NULL	337.89	1214.4
BTD0281	BTD0281.285	248.81	249.69	Kaolinite	1	NULL	NULL	384.55	976.54
BTD0281	BTD0281.286	249.69	250.57	Muscovite	1	NULL	NULL	376.62	702.75
BTD0281	BTD0281.287	250.57	251.45	Muscovite	1	NULL	NULL	1183.81	940.3
BTD0281	BTD0281.288	251.45	252.33	Phengite	1	NULL	NULL	486.94	755.64
BTD0281	BTD0281.289	252.33	253.21	Illite	0.573	Phengite	0.427	102.82	994.88

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0281	BTD0281.290	253.21	254.03	Muscovite	1	NULL	NULL	433.45	866.71
BTD0281	BTD0281.291	254.03	254.85	Phengite	0.625	Kaolinite	0.375	68.968	807.28
BTD0281	BTD0281.292	254.85	255.67	Kaolinite	0.816	Phengite	0.184	33.548	987.28
BTD0281	BTD0281.293	255.67	256.49	Kaolinite	0.632	Phengite	0.368	48.105	795.82
BTD0281	BTD0281.294	256.49	257.31	Phengite	0.513	Kaolinite	0.487	46.392	768.3
BTD0281	BTD0281.295	257.31	258.13	Phengite	0.542	Kaolinite	0.458	49.991	850.04
BTD0281	BTD0281.296	258.13	258.95	Kaolinite	1	NULL	NULL	84.94	1028.1
BTD0281	BTD0281.297	258.95	259.78	Muscovite	0.64	Kaolinite	0.36	61.261	859.66
BTD0281	BTD0281.298	259.78	260.60	Phengite	0.626	Illite	0.374	113.25	773.06
BTD0281	BTD0281.299	260.60	261.43	Phengite	1	NULL	NULL	252.2	852.47
BTD0281	BTD0281.300	261.43	262.25	Kaolinite	0.663	Phengite	0.337	42.436	877.07
BTD0281	BTD0281.301	262.25	263.08	Phengite	0.637	Illite	0.363	94.99	807.42
BTD0281	BTD0281.302	263.08	263.91	Phengite	0.765	Kaolinite	0.235	93.79	705.4
BTD0281	BTD0281.303	263.91	264.75	Phengite	1	NULL	NULL	795.73	789.9
BTD0281	BTD0281.304	264.75	265.59	Phengite	0.618	Illite	0.382	76.701	848.48
BTD0281	BTD0281.305	265.59	266.42	Phengite	0.571	Illite	0.429	63.637	874.73
BTD0281	BTD0281.306	266.42	267.26	Phengite	0.536	Illite	0.464	116.17	694.27
BTD0281	BTD0281.307	267.26	268.10	Muscovite	1	NULL	NULL	113.91	706.21
BTD0281	BTD0281.308	268.10	269.46	Illite	0.607	Phengite	0.393	50.62	922.5
BTD0281	BTD0281.309	269.46	270.82	Illite	0.645	Phengite	0.355	61.577	678.96
BTD0281	BTD0281.310	270.82	272.18	Kaolinite	0.584	Muscovite	0.416	48.993	843.47
BTD0281	BTD0281.311	272.18	273.54	Muscovite	0.731	Kaolinite	0.269	48.88	661.26
BTD0281	BTD0281.312	273.54	274.90	Muscovite	0.73	Kaolinite	0.27	68.144	788.64
BTD0281	BTD0281.313	274.90	276.26	Muscovite	1	NULL	NULL	431.04	831.61
BTD0281	BTD0281.314	276.26	277.09	Muscovite	0.733	Kaolinite	0.267	65.707	837.87
BTD0281	BTD0281.315	277.09	277.92	Illite	1	NULL	NULL	741.22	718.79
BTD0281	BTD0281.316	277.92	278.75	Muscovite	1	NULL	NULL	106.16	758.64
BTD0281	BTD0281.317	278.75	279.58	Illite	0.626	Phengite	0.374	120.21	824.07
BTD0281	BTD0281.318	279.58	280.41	Muscovite	1	NULL	NULL	267.39	820.71
BTD0281	BTD0281.319	280.41	281.24	Aspectral	NULL	NULL	NULL	5000	513.49
BTD0281	BTD0281.320	281.24	282.08	MgChlorite	0.549	Illite	0.451	51.879	770.52
BTD0281	BTD0281.321	282.08	282.93	Illite	0.624	MgChlorite	0.376	57.033	555.6
BTD0281	BTD0281.322	282.93	283.78	MgChlorite	0.658	Illite	0.342	91.985	720.23
BTD0281	BTD0281.323	283.78	284.63	IntChlorite	0.769	Illite	0.231	41.77	824.3
BTD0281	BTD0281.324	284.63	285.48	IntChlorite	0.592	Muscovite	0.408	68.262	905.85
BTD0281	BTD0281.325	285.48	286.33	MgChlorite	0.677	Illite	0.323	94.649	835.93
BTD0281	BTD0281.326	286.33	287.06	Illite	0.576	Phengite	0.424	33.894	715.73
BTD0281	BTD0281.327	287.06	287.80	Illite	1	NULL	NULL	192.99	943.71
BTD0281	BTD0281.328	287.80	288.54	Illite	0.608	Phengite	0.392	76.97	893.49
BTD0281	BTD0281.329	288.54	289.28	Illite	1	NULL	NULL	155.18	833.37
BTD0281	BTD0281.330	289.28	290.02	Illite	0.704	Phengite	0.296	83.532	787.58
BTD0281	BTD0281.331	290.02	290.76	Muscovite	1	NULL	NULL	185.04	886
BTD0281	BTD0281.332	290.76	291.57	Illite	0.65	Phengite	0.35	61.856	939.89
BTD0281	BTD0281.333	291.57	292.38	Muscovite	1	NULL	NULL	71.295	846.46
BTD0281	BTD0281.334	292.38	293.19	Muscovite	1	NULL	NULL	385.28	976.34
BTD0281	BTD0281.335	293.19	294.00	Muscovite	1	NULL	NULL	246.69	756.62
BTD0281	BTD0281.336	294.00	294.81	Illite	0.691	Phengite	0.309	72.983	778.9
BTD0281	BTD0281.337	294.81	295.62	Aspectral	NULL	NULL	NULL	5000	480.1
BTD0281	BTD0281.338	295.62	296.49	Illite	0.651	Phengite	0.349	81.57	782.17
BTD0281	BTD0281.339	296.49	297.36	Aspectral	NULL	NULL	NULL	5000	773.09
BTD0281	BTD0281.340	297.36	298.24	Aspectral	NULL	NULL	NULL	5000	453.88
BTD0281	BTD0281.341	298.24	299.11	Illite	0.659	Phengite	0.341	50.24	854.68
BTD0281	BTD0281.342	299.11	299.98	Illite	1	NULL	NULL	649.94	413.09

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0281	BTD0281.343	299.98	300.86	Muscovite	1	NULL	NULL	288.37	430.8
BTD0281	BTD0281.344	300.86	301.72	Muscovite	1	NULL	NULL	494.81	413.31
BTD0281	BTD0281.345	301.72	302.59	Muscovite	1	NULL	NULL	223.85	706.02
BTD0281	BTD0281.346	302.59	303.46	Illite	0.623	Phengite	0.377	109.97	690.79
BTD0281	BTD0281.347	303.46	304.33	Phengite	0.514	Illite	0.486	96.093	821.49
BTD0281	BTD0281.348	304.33	305.20	Illite	0.636	MgChlorite	0.364	112.66	751.83
BTD0281	BTD0281.349	305.20	306.07	Illite	0.739	Phengite	0.261	53.25	721.8
BTD0281	BTD0281.350	306.07	306.94	Illite	0.5	Phengite	0.5	89.726	642.07
BTD0281	BTD0281.351	306.94	307.81	Illite	0.569	Phengite	0.431	143.97	539.95
BTD0281	BTD0281.352	307.81	308.68	Illite	0.523	MgChlorite	0.477	77.55	651.91
BTD0281	BTD0281.353	308.68	309.55	Illite	0.656	MgChlorite	0.344	74.315	775.73
BTD0281	BTD0281.354	309.55	310.42	Illite	0.576	Phengite	0.424	113.57	839.6
BTD0281	BTD0281.355	310.42	311.30	MgChlorite	0.51	Illite	0.49	191.43	595.11
BTD0281	BTD0281.356	311.30	312.16	Muscovite	0.644	IntChlorite	0.356	75.544	723.51
BTD0281	BTD0281.357	312.16	313.03	Illite	0.528	MgChlorite	0.472	150.97	549.3
BTD0281	BTD0281.358	313.03	313.90	Muscovite	0.513	IntChlorite	0.487	122.82	562.7
BTD0281	BTD0281.359	313.90	314.77	Muscovite	0.516	MgChlorite	0.484	130.35	803.76
BTD0281	BTD0281.360	314.77	315.64	Muscovite	0.637	IntChlorite	0.363	86.918	541.45
BTD0281	BTD0281.361	315.64	316.51	MgChlorite	0.561	Illite	0.439	103.89	597.61
BTD0281	BTD0281.362	316.51	317.31	MgChlorite	0.725	Illite	0.275	166.35	467.9
BTD0281	BTD0281.363	317.31	318.12	Muscovite	1	NULL	NULL	207.9	743.36
BTD0281	BTD0281.364	318.12	318.93	Illite	1	NULL	NULL	151.93	684.73
BTD0281	BTD0281.365	318.93	319.73	Muscovite	0.586	IntChlorite	0.414	88.98	717.69
BTD0281	BTD0281.366	319.73	320.54	IntChlorite	0.515	Muscovite	0.485	131.1	685.22
BTD0281	BTD0281.367	320.54	321.35	IntChlorite	0.722	Muscovite	0.278	61.393	596.78
BTD0281	BTD0281.368	321.35	322.19	Illite	0.564	MgChlorite	0.436	131.36	598.86
BTD0281	BTD0281.369	322.19	323.04	MgChlorite	0.663	Illite	0.337	88.502	868.48
BTD0281	BTD0281.370	323.04	323.89	IntChlorite	0.606	Illite	0.394	83.712	643.53
BTD0281	BTD0281.371	323.89	324.73	IntChlorite	0.517	Illite	0.483	156.8	600.29
BTD0281	BTD0281.372	324.73	325.58	MgChlorite	0.565	Illite	0.435	131.58	449.23
BTD0281	BTD0281.373	325.58	326.43	Muscovite	1	NULL	NULL	222.33	692.43
BTD0281	BTD0281.374	326.43	327.28	Illite	1	NULL	NULL	170.95	650.09
BTD0281	BTD0281.375	327.28	328.14	MgChlorite	0.558	Illite	0.442	137.12	620.61
BTD0281	BTD0281.376	328.14	329.00	MgChlorite	0.749	Illite	0.251	95.735	523.32
BTD0281	BTD0281.377	329.00	329.85	Illite	0.504	MgChlorite	0.496	120.51	518.05
BTD0281	BTD0281.378	329.85	330.71	Calcite	0.737	Brucite	0.263	303.56	759.59
BTD0281	BTD0281.379	330.71	331.57	Illite	0.554	IntChlorite	0.446	121.74	634.41
BTD0281	BTD0281.380	331.57	332.41	Illite	1	NULL	NULL	260.85	503.42
BTD0281	BTD0281.381	332.41	333.25	MgChlorite	0.519	Illite	0.481	203.41	587.89
BTD0281	BTD0281.382	333.25	334.09	MgChlorite	0.731	Illite	0.269	112.91	454.91
BTD0281	BTD0281.383	334.09	334.93	Illite	1	NULL	NULL	340.53	591.73
BTD0281	BTD0281.384	334.93	335.77	Aspectral	NULL	NULL	NULL	5000	595.3
BTD0281	BTD0281.385	335.77	336.62	IntChlorite	0.582	Illite	0.418	168.67	502.4
BTD0281	BTD0281.386	336.62	337.49	Illite	1	NULL	NULL	358.71	489.85
BTD0281	BTD0281.387	337.49	338.37	IntChlorite	0.627	Illite	0.373	149.73	653.75
BTD0281	BTD0281.388	338.37	339.25	Aspectral	NULL	NULL	NULL	5000	520.81
BTD0281	BTD0281.389	339.25	340.13	MgChlorite	0.688	Illite	0.312	164.48	449.4
BTD0281	BTD0281.390	340.13	341.01	Muscovite	1	NULL	NULL	255.69	567.79
BTD0278	BTD0281.391	341.01	341.89	IntChlorite	0.561	Illite	0.439	228.76	618.58
BTD0281	BTD0281.392	341.89	342.69	Muscovite	0.514	IntChlorite	0.486	92.456	562.79
BTD0281	BTD0281.393	342.69	343.49	Illite	1	NULL	NULL	428.51	405.07
BTD0281	BTD0281.394	343.49	344.29	MgChlorite	0.574	Illite	0.426	131.76	452.58
BTD0281	BTD0281.395	344.29	345.09	Illite	0.654	IntChlorite	0.346	88.934	642.32

Hole Number	ASD File (Sample Number)	Depth_From (m)	Depth_To (m)	TSA Mineral 1	TSA_Weight1 (Proportion)	TSA Mineral 2	TSA_Weight2 (Proportion)	TSA_Error	Signal to Noise
BTD0281	BTD0281.396	345.09	345.89	MgChlorite	0.529	Muscovite	0.471	190.66	509.58
BTD0281	BTD0281.397	345.89	346.70	Muscovite	1	NULL	NULL	251.45	562.4
BTD0282	BTD0282.001	0.00	1.42	Kaolinite	0.607	Montmorillonite	0.393	91.528	908.25
BTD0282	BTD0282.002	1.42	2.84	Kaolinite	0.611	Muscovite	0.389	46.548	776.13
BTD0282	BTD0282.003	2.84	4.26	Kaolinite	0.65	Illite	0.35	173.47	715.28
BTD0282	BTD0282.004	4.26	5.68	Halloysite	0.57	Montmorillonite	0.43	98.23	808.31
BTD0282	BTD0282.005	5.68	7.11	Kaolinite	0.65	Halloysite	0.35	58.462	868.67
BTD0282	BTD0282.006	7.11	7.90	Kaolinite	0.625	Halloysite	0.375	89.734	858.79
BTD0282	BTD0282.007	7.90	8.70	Kaolinite	0.651	Illite	0.349	59.447	774.75
BTD0282	BTD0282.008	8.70	9.49	Kaolinite	0.551	Halloysite	0.449	77.271	894.56
BTD0282	BTD0282.009	9.49	10.29	Kaolinite	0.718	Illite	0.282	55.593	797
BTD0282	BTD0282.010	10.29	11.09	Phengite	0.518	Montmorillonite	0.482	75.824	908.91
BTD0282	BTD0282.011	11.09	11.89	Phengite	0.547	Halloysite	0.453	78.826	794.88
BTD0282	BTD0282.012	11.89	12.70	Kaolinite	0.584	Illite	0.416	232.65	702.68
BTD0282	BTD0282.013	12.70	13.50	Halloysite	0.613	Illite	0.387	109.02	846.76
BTD0282	BTD0282.014	13.50	14.31	Kaolinite	0.524	Illite	0.476	259.14	830.71
BTD0282	BTD0282.015	14.31	15.12	Halloysite	0.538	Illite	0.462	159.38	789.69
BTD0282	BTD0282.016	15.12	16.01	Halloysite	0.521	Illite	0.479	273.35	818.58
BTD0282	BTD0282.017	16.01	16.91	Montmorillonite	0.621	Halloysite	0.379	120.88	863.29
BTD0282	BTD0282.018	16.91	17.81	Halloysite	0.565	Kaolinite	0.435	103.22	888.35
BTD0282	BTD0282.019	17.81	18.71	Illite	0.69	Halloysite	0.31	138.89	649.62
BTD0282	BTD0282.020	18.71	19.61	IntChlorite	0.54	Illite	0.46	102.89	698.33
BTD0282	BTD0282.021	19.61	20.41	Muscovite	1	NULL	NULL	310.03	1070.3
BTD0282	BTD0282.022	20.41	21.22	IntChlorite	0.508	Illite	0.492	170.88	593.77
BTD0282	BTD0282.023	21.22	22.02	Illite	0.622	MgChlorite	0.378	96.878	565.24
BTD0282	BTD0282.024	22.02	22.83	IntChlorite	1	NULL	NULL	210.45	465.52
BTD0282	BTD0282.025	22.83	23.64	IntChlorite	0.742	Illite	0.258	175.45	581.51
BTD0282	BTD0282.026	23.64	24.49	IntChlorite	0.703	Muscovite	0.297	159.34	428.17
BTD0282	BTD0282.027	24.49	25.34	MgChlorite	0.766	Illite	0.234	81.368	749.98
BTD0282	BTD0282.028	25.34	26.20	Aspectral	NULL	NULL	NULL	5000	352.86
BTD0282	BTD0282.029	26.20	27.05	MgChlorite	0.708	Illite	0.292	142.53	805.11
BTD0282	BTD0282.030	27.05	27.91	MgChlorite	1	NULL	NULL	65.654	684.74
BTD0282	BTD0282.031	27.91	28.73	Aspectral	NULL	NULL	NULL	5000	427.76
BTD0282	BTD0282.032	28.73	29.56	MgChlorite	1	NULL	NULL	211.75	711.09
BTD0282	BTD0282.033	29.56	30.38	IntChlorite	0.615	Illite	0.385	144.79	585.55
BTD0282	BTD0282.034	30.38	31.21	IntChlorite	0.767	Illite	0.233	41.277	672.42
BTD0282	BTD0282.035	31.21	32.04	FeChlorite	1	NULL	NULL	190.38	447.18
BTD0282	BTD0282.036	32.04	32.85	IntChlorite	0.608	Muscovite	0.392	87.028	509.42
BTD0282	BTD0282.037	32.85	33.67	Muscovite	0.502	IntChlorite	0.498	130.03	631.73
BTD0282	BTD0282.038	33.67	34.48	IntChlorite	0.515	Illite	0.485	121.79	698.09
BTD0282	BTD0282.039	34.48	35.30	IntChlorite	0.714	Illite	0.286	124.06	568.91
BTD0282	BTD0282.040	35.30	36.12	Illite	0.503	IntChlorite	0.497	95.549	521.42
BTD0282	BTD0282.041	36.12	36.90	Illite	0.628	MgChlorite	0.372	100.65	581.71
BTD0282	BTD0282.042	36.90	37.69	Illite	0.542	IntChlorite	0.458	102.96	538.94
BTD0282	BTD0282.043	37.69	38.48	Illite	0.683	MgChlorite	0.317	103.06	540.31
BTD0282	BTD0282.044	38.48	39.27	Illite	1	NULL	NULL	94.191	659.38
BTD0282	BTD0282.045	39.27	40.06	Illite	0.58	Phengite	0.42	59.769	566.78
BTD0282	BTD0282.046	40.06	40.87	Muscovite	1	NULL	NULL	408.41	514.59
BTD0282	BTD0282.047	40.87	41.68	Illite	0.622	Phengite	0.378	122.12	607.37
BTD0282	BTD0282.048	41.68	42.50	Phengite	0.504	Illite	0.496	53.019	633.41
BTD0282	BTD0282.049	42.50	43.31	Illite	0.609	Phengite	0.391	114.98	522.03
BTD0282	BTD0282.050	43.31	44.13	Illite	0.541	Phengite	0.459	135.21	704.91
BTD0282	BTD0282.051	44.13	44.94	Phengite	0.52	Illite	0.48	124.82	487.53