

Cameco Australia Pty. Ltd.**Nabarlek Project EL's 10176, 24371 - Air-Core 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
NAA6026	NAA6026-001	0	1	Kaolinite	0.51	Montmorillonite	0.49	137.04	1777.5
NAA6026	NAA6026-002	1	2	Halloysite	1	NULL		297.96	1580.2
NAA6026	NAA6026-003	2	3	Montmorillonite	0.51	Halloysite	0.49	74.694	1237.7
NAA6026	NAA6026-004	3	4	Montmorillonite	0.54	Halloysite	0.46	71.794	1944.9
NAA6026	NAA6026-005	4	5	Halloysite	0.62	Nontronite	0.38	85.77	1291.8
NAA6026	NAA6026-006	5	6	Aspectral	NULL			5000	1243.1
NAA6027	NAA6027-001	0	1	Halloysite	1	NULL		280.55	1455
NAA6027	NAA6027-002	1	2	Halloysite	0.76	Nontronite	0.24	136.58	1731.8
NAA6027	NAA6027-003	2	3	Halloysite	0.68	Dickite	0.32	119.26	1244.7
NAA6027	NAA6027-004	3	4	Montmorillonite	0.73	Kaolinite	0.27	121.75	811.7
NAA6027	NAA6027-005	4	5	Montmorillonite	0.83	Kaolinite	0.17	62.133	1058.9
NAA6027	NAA6027-006	5	6	Dark	NULL			5000	409.3
NAA6027	NAA6027-007	6	7	Montmorillonite	0.85	Kaolinite	0.15	54.047	859.6
NAA6027	NAA6027-008	7	8	Montmorillonite	0.83	Nontronite	0.17	45.709	1147.2
NAA6027	NAA6027-009	8	9	Dark	NULL			5000	378.4
NAA6027	NAA6027-010	9	10	Montmorillonite	0.78	Kaolinite	0.22	83.018	1002.1
NAA6027	NAA6027-011	10	11	Montmorillonite	0.71	Kaolinite	0.28	59.471	920.8
NAA6027	NAA6027-012	11	12	Montmorillonite	0.69	Kaolinite	0.31	86.46	574
NAA6027	NAA6027-013	12	13	Montmorillonite	0.79	Kaolinite	0.21	66.157	813
NAA6027	NAA6027-014	13	14	Montmorillonite	1	NULL		228.46	893.7
NAA6027	NAA6027-015	14	15	Montmorillonite	0.77	Nontronite	0.23	64.181	1035.4
NAA6027	NAA6027-016	15	16	Montmorillonite	1	NULL		127.41	864.6
NAA6027	NAA6027-017	16	17	Montmorillonite	0.78	Nontronite	0.22	50.304	1386.8
NAA6027	NAA6027-018	17	18	Montmorillonite	0.83	Halloysite	0.17	62.869	1405.9
NAA6027	NAA6027-019	18	19	Montmorillonite	0.74	Nontronite	0.26	70.997	1262.4
NAA6027	NAA6027-020	19	20	Montmorillonite	1	NULL		283.18	966.6
NAA6027	NAA6027-021	20	21	Montmorillonite	1	NULL		203.75	905.5
NAA6027	NAA6027-022	21	22	Montmorillonite	0.61	Nontronite	0.39	151.04	1286.5
NAA6027	NAA6027-023	22	23	Montmorillonite	0.53	Nontronite	0.47	75.747	1089
NAA6027	NAA6027-024	23	24	Montmorillonite	0.65	Nontronite	0.35	64.327	1513.4
NAA6028	NAA6028-001	0	1	Halloysite	1	NULL		483.04	1644.9
NAA6028	NAA6028-002	1	2	Halloysite	0.74	Dickite	0.26	140.22	1732.5
NAA6028	NAA6028-003	2	3	Kaolinite	0.52	Montmorillonite	0.48	46.417	1480.9
NAA6028	NAA6028-004	3	4	Montmorillonite	0.66	MgChlorite	0.34	54.8	1520.9
NAA6028	NAA6028-005	4	5	Illite	0.72	Halloysite	0.28	119.97	1363.2
NAA6028	NAA6028-006	5	6	Illite	0.75	Halloysite	0.25	166.33	1498.3
NAA6028	NAA6028-007	6	7	Illite	1	NULL		155.59	1289.8
NAA6028	NAA6028-008	7	8	Illite	1	NULL		204.3	1559.2
NAA6028	NAA6028-009	8	9	Illite	1	NULL		124.7	1304.4
NAA6028	NAA6028-010	9	10	Illite	1	NULL		121.65	1472.3
NAA6029	NAA6029-001	0	1	Halloysite	1	NULL		661.41	1265.6
NAA6029	NAA6029-002	1	2	Halloysite	0.59	Paragonite	0.41	176.56	1923.2
NAA6029	NAA6029-003	2	3	Illite	0.64	Halloysite	0.36	57.193	1362
NAA6029	NAA6029-004	3	4	Halloysite	0.51	Muscovite	0.49	64.015	1564
NAA6029	NAA6029-005	4	5	Muscovite	0.64	Kaolinite	0.36	31.498	2531.4
NAA6029	NAA6029-006	5	6	Muscovite	0.67	Halloysite	0.34	44.29	2063.9
NAA6029	NAA6029-007	6	7	Halloysite	0.75	Illite	0.25	63.046	1941.8
NAA6029	NAA6029-008	7	8	Muscovite	0.57	Halloysite	0.43	59.834	2045.8
NAA6030	NAA6030-001	0	1	Halloysite	1	NULL		487.42	1125.2
NAA6030	NAA6030-002	1	2	Halloysite	0.73	Dickite	0.27	86.438	1691.4
NAA6030	NAA6030-003	2	3	Halloysite	0.61	Illite	0.39	80.579	1459.5
NAA6030	NAA6030-004	3	4	Montmorillonite	0.52	Halloysite	0.48	66.783	1687.3
NAA6030	NAA6030-005	4	5	Illite	0.58	Halloysite	0.42	139.6	1310.6
NAA6030	NAA6030-006	5	6	Illite	0.76	Halloysite	0.24	116.79	2384
NAA6030	NAA6030-007	6	7	Illite	0.69	Halloysite	0.31	107.87	1757.7
NAA6030	NAA6030-008	7	8	Illite	0.6	Kaolinite	0.4	151.7	1824.1
NAA6030	NAA6030-009	8	9	Muscovite	0.59	Montmorillonite	0.41	95.664	1590.9
NAA6030	NAA6030-010	9	10	Kaolinite	0.51	Montmorillonite	0.49	110.33	2322.5
NAA6030	NAA6030-011	10	11	Illite	0.64	Kaolinite	0.36	240.68	1279.1
NAA6030	NAA6030-012	11	12	Montmorillonite	0.55	Halloysite	0.45	116.27	1572.1

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
NAA6030	NAA6030-013	12	13	Montmorillonite	0.59	Kaolinite	0.41	74.555	1644.3
NAA6030	NAA6030-014	13	14	Montmorillonite	0.56	Kaolinite	0.44	131.02	1590.9
NAA6030	NAA6030-015	14	15	Illite	0.78	Halloysite	0.22	124.14	1238.3
NAA6030	NAA6030-016	15	16	Illite	0.71	Halloysite	0.29	138.88	1247.3
NAA6030	NAA6030-017	16	17	Illite	0.65	Halloysite	0.35	172.62	1994.2
NAA6030	NAA6030-018	17	18	Kaolinite	0.56	Montmorillonite	0.44	67.774	3081.7
NAA6030	NAA6030-019	18	19	Halloysite	0.6	DryVegetation	0.4	214.29	1151.6
NAA6030	NAA6030-020	19	20	Montmorillonite	0.6	Kaolinite	0.4	213.98	1191.4
NAA6030	NAA6030-021	20	21	Montmorillonite	0.63	Kaolinite	0.38	83.979	1564.7
NAA6030	NAA6030-022	21	22	Illite	0.74	Halloysite	0.26	100.18	1918.5
NAA6030	NAA6030-023	22	23	Illite	0.66	Halloysite	0.34	104.43	1333.7
NAA6030	NAA6030-024	23	24	Illite	0.68	Halloysite	0.32	87.436	1612.8
NAA6030	NAA6030-025	24	25	Montmorillonite	0.57	Halloysite	0.43	118.55	2245.9
NAA6030	NAA6030-026	25	26	Illite	0.66	Halloysite	0.34	213.23	1006.9
NAA6030	NAA6030-027	26	27	Illite	0.6	Kaolinite	0.4	156.49	1217.4
NAA6030	NAA6030-028	27	28	Illite	1	NULL		117.5	1413
NAA6031	NAA6031-001	0	1	Halloysite	0.69	Dickite	0.31	147.48	1612.4
NAA6031	NAA6031-002	1	2	Halloysite	1	NULL		306.59	1458
NAA6031	NAA6031-003	2	3	Montmorillonite	0.52	Kaolinite	0.48	48.372	1813.9
NAA6031	NAA6031-004	3	4	Montmorillonite	0.51	Kaolinite	0.49	47.155	1203.9
NAA6031	NAA6031-005	4	5	Montmorillonite	0.51	Kaolinite	0.49	51.9	1236.3
NAA6031	NAA6031-006	5	6	Montmorillonite	0.52	Kaolinite	0.48	54.939	1516.9
NAA6031	NAA6031-007	6	7	Montmorillonite	0.51	Kaolinite	0.49	112.82	1217.2
NAA6031	NAA6031-008	7	8	Montmorillonite	0.72	Kaolinite	0.28	48.592	1677.3
NAA6031	NAA6031-009	8	9	Montmorillonite	0.52	Kaolinite	0.48	116.45	1548
NAA6031	NAA6031-010	9	10	Nontronite	0.64	Halloysite	0.36	432.26	1132.8
NAA6031	NAA6031-011	10	11	Nontronite	0.57	Halloysite	0.43	146.6	2064.8
NAA6031	NAA6031-012	11	12	Nontronite	0.55	Halloysite	0.46	392.18	1618.7
NAA6031	NAA6031-013	12	13	Nontronite	0.54	Halloysite	0.46	183.42	1640.3
NAA6031	NAA6031-014	13	14	Montmorillonite	0.6	Siderite	0.4	113.94	1569.4
NAA6032	NAA6032-001	0	1	Wood	0.53	Halloysite	0.47	291.48	1511.5
NAA6032	NAA6032-002	1	2	Montmorillonite	0.84	WhiteMarker	0.16	137.27	645.4
NAA6032	NAA6032-003	2	3	Montmorillonite	1	NULL		82.368	890.3
NAA6032	NAA6032-004	3	4	Montmorillonite	0.8	Nontronite	0.2	36.059	1490
NAA6032	NAA6032-005	4	5	Montmorillonite	0.73	Nontronite	0.27	39.581	1834.5
NAA6032	NAA6032-006	5	6	Montmorillonite	0.8	Nontronite	0.2	44.059	1018
NAA6032	NAA6032-007	6	7	Montmorillonite	0.83	Nontronite	0.17	28.263	1735.7
NAA6032	NAA6032-008	7	8	Montmorillonite	0.8	Nontronite	0.2	32.388	1970.2
NAA6032	NAA6032-009	8	9	Montmorillonite	0.81	Nontronite	0.19	32.661	2124.7
NAA6032	NAA6032-010	9	10	Montmorillonite	0.81	Nontronite	0.19	31.996	1761.9
NAA6032	NAA6032-011	10	11	Montmorillonite	0.77	Nontronite	0.23	31.832	1141.9
NAA6032	NAA6032-012	11	12	Montmorillonite	0.78	Nontronite	0.22	29.112	1594.5
NAA6032	NAA6032-013	12	13	Montmorillonite	0.75	Nontronite	0.25	44.195	1626.3
NAA6032	NAA6032-014	13	14	Montmorillonite	0.74	Kaolinite	0.26	77.49	1861.8
NAA6033	NAA6033-001	0	1	Halloysite	1	NULL		380.33	733.5
NAA6033	NAA6033-002	1	2	Halloysite	1	NULL		249.35	1137.4
NAA6033	NAA6033-003	2	3	Halloysite	0.76	Dickite	0.24	94.898	1549.9
NAA6033	NAA6033-004	3	4	Montmorillonite	0.61	Halloysite	0.39	66.64	1670.9
NAA6033	NAA6033-005	4	5	Illite	0.66	Kaolinite	0.34	61.938	1961.7
NAA6033	NAA6033-006	5	6	Illite	0.64	Halloysite	0.36	130.25	1055.8
NAA6034	NAA6034-001	0	1	Muscovite	0.66	Kaolinite	0.34	269.28	1228.7
NAA6034	NAA6034-002	1	2	Halloysite	0.57	Kaolinite	0.43	83.575	1209.4
NAA6034	NAA6034-003	2	3	Halloysite	0.53	Kaolinite	0.47	67.658	1515
NAA6034	NAA6034-004	3	4	Halloysite	0.55	Kaolinite	0.45	58.135	1804.5
NAA6034	NAA6034-005	4	5	Kaolinite	0.5	Halloysite	0.5	65.039	1646.1
NAA6034	NAA6034-006	5	6	Kaolinite	0.54	Halloysite	0.46	71.067	1836.4
NAA6034	NAA6034-007	6	7	Kaolinite	0.56	Halloysite	0.44	81.627	1566.7
NAA6034	NAA6034-008	7	8	Kaolinite	0.69	Muscovite	0.31	69.606	1293.1
NAA6034	NAA6034-009	8	9	Kaolinite	0.66	Illite	0.34	94.185	1760.5
NAA6034	NAA6034-010	9	10	Kaolinite	0.56	Montmorillonite	0.44	104.23	1686.8
NAA6034	NAA6034-011	10	11	Kaolinite	0.53	Illite	0.47	126.72	1692.5
NAA6034	NAA6034-012	11	12	Illite	0.57	Kaolinite	0.43	166	1541.3
NAA6034	NAA6034-013	12	13	Montmorillonite	0.52	Kaolinite	0.48	71.426	1542.6
NAA6034	NAA6034-014	13	14	Illite	1	NULL		143.29	1479.2

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NAA6034	NAA6034-015	14	15	Illite	0.56	FeTourmaline	0.44	206.85	1146.1
NAA6035	NAA6035-001	0	1	Halloysite	1	NULL		326.45	1990.4
NAA6035	NAA6035-002	1	2	Halloysite	0.5	Kaolinite	0.5	137.76	1118.8
NAA6035	NAA6035-003	2	3	Halloysite	0.6	Montmorillonite	0.4	64.367	1536.9
NAA6035	NAA6035-004	3	4	Montmorillonite	0.63	Halloysite	0.37	113.87	1008.1
NAA6035	NAA6035-005	4	5	Montmorillonite	0.66	Halloysite	0.34	160.07	1339.2
NAA6035	NAA6035-006	5	6	Halloysite	0.5	Montmorillonite	0.5	99.379	1142.5
NAA6035	NAA6035-007	6	7	Halloysite	0.5	Montmorillonite	0.5	70.258	1546
NAA6035	NAA6035-008	7	8	Montmorillonite	0.52	Halloysite	0.48	67.147	1458.8
NAA6035	NAA6035-009	8	9	Halloysite	0.59	Montmorillonite	0.41	91.985	1829
NAA6035	NAA6035-010	9	10	Kaolinite	0.52	Montmorillonite	0.48	63.127	1803.2
NAA6035	NAA6035-011	10	11	Montmorillonite	0.5	Kaolinite	0.5	60.309	1348.8
NAA6035	NAA6035-012	11	12	Kaolinite	0.54	Montmorillonite	0.46	75.073	1869.6
NAA6035	NAA6035-013	12	13	Kaolinite	0.59	Montmorillonite	0.41	65.537	2571.7
NAA6035	NAA6035-014	13	14	Kaolinite	0.59	Montmorillonite	0.41	66.399	1333.1
NAA6035	NAA6035-015	14	15	Illite	1	NULL		371.33	1191.8
NAA6036	NAA6036-001	0	1	WhiteMarker	1	NULL		750.58	626.7
NAA6036	NAA6036-002	1	2	Halloysite	0.69	Dickite	0.31	136.37	1875
NAA6036	NAA6036-003	2	3	Halloysite	0.75	Dickite	0.25	134.45	1437.9
NAA6036	NAA6036-004	3	4	Halloysite	0.58	Montmorillonite	0.42	71.893	1361.7
NAA6036	NAA6036-005	4	5	Montmorillonite	0.66	Kaolinite	0.34	41.399	1864.1
NAA6036	NAA6036-006	5	6	Montmorillonite	0.79	Kaolinite	0.21	50.34	2008.3
NAA6036	NAA6036-007	6	7	Montmorillonite	1	NULL		71.403	1801.3
NAA6036	NAA6036-008	7	8	Montmorillonite	0.81	Halloysite	0.19	58.221	2357.2
NAA6036	NAA6036-009	8	9	Montmorillonite	0.68	Illite	0.32	67.62	2825.2
NAA6036	NAA6036-010	9	10	Illite	0.7	Halloysite	0.3	87.678	1608.3
NAA6036	NAA6036-011	10	11	Montmorillonite	0.52	Illite	0.48	129.25	1206.9
NAA6037	NAA6037-001	0	1	Halloysite	1	NULL		190.38	984.2
NAA6037	NAA6037-002	1	2	Halloysite	1	NULL		174.04	1318.3
NAA6037	NAA6037-003	2	3	Montmorillonite	0.69	Halloysite	0.31	76.204	1078.3
NAA6037	NAA6037-004	3	4	Montmorillonite	1	NULL		64.426	1223.5
NAA6037	NAA6037-005	4	5	Montmorillonite	1	NULL		45.486	1594.1
NAA6037	NAA6037-006	5	6	Montmorillonite	1	NULL		39.441	1516.3
NAA6037	NAA6037-007	6	7	Montmorillonite	1	NULL		65.059	1745.8
NAA6037	NAA6037-008	7	8	Montmorillonite	0.78	Kaolinite	0.22	56.382	1717.3
NAA6037	NAA6037-009	8	9	Montmorillonite	0.71	Kaolinite	0.29	103.33	1786.8
NAA6037	NAA6037-010	9	10	Montmorillonite	0.68	Halloysite	0.32	95.785	1605
NAA6037	NAA6037-011	10	11	Montmorillonite	0.67	Kaolinite	0.33	88.194	1915.8
NAA6037	NAA6037-012	11	12	Montmorillonite	0.6	Kaolinite	0.4	136.54	1652.2
NAA6037	NAA6037-013	12	13	Montmorillonite	0.58	Kaolinite	0.42	108.72	1387.9
NAA6037	NAA6037-014	13	14	Illite	1	NULL		345.68	1852.2
NAA6037	NAA6037-015	14	15	Illite	1	NULL		309.05	1866.8
NAA6037	NAA6037-016	15	16	Montmorillonite	0.62	Halloysite	0.38	123.78	1879.7
NAA6038	NAA6038-001	0	1	Halloysite	1	NULL		571.33	1400
NAA6038	NAA6038-002	1	2	Halloysite	1	NULL		193.38	1384.1
NAA6038	NAA6038-003	2	3	Halloysite	0.67	Dickite	0.33	127.39	1543.3
NAA6038	NAA6038-004	3	4	Kaolinite	0.61	Montmorillonite	0.39	61.659	1509.8
NAA6038	NAA6038-005	4	5	Montmorillonite	0.6	Halloysite	0.4	157.74	1258
NAA6038	NAA6038-006	5	6	Illite	0.69	Halloysite	0.31	191.7	1558.4
NAA6038	NAA6038-007	6	7	Illite	0.64	Halloysite	0.36	186.19	1786.1
NAA6038	NAA6038-008	7	8	Muscovite	0.75	Halloysite	0.25	120.39	1819.6
NAA6038	NAA6038-009	8	9	Illite	1	NULL		168.02	1556.5
NAA6038	NAA6038-010	9	10	Muscovite	0.76	Halloysite	0.24	67.045	1909.3
NAA6038	NAA6038-011	10	11	Muscovite	1	NULL		94.563	1368.1
NAA6039	NAA6039-001	0	1	Halloysite	1	NULL		296.1	1677.5
NAA6039	NAA6039-002	1	2	Kaolinite	0.64	Montmorillonite	0.36	62.933	1162.8
NAA6039	NAA6039-003	2	3	Kaolinite	0.53	Montmorillonite	0.47	49.669	1456.7
NAA6039	NAA6039-004	3	4	Montmorillonite	0.6	Kaolinite	0.4	93.774	881.3
NAA6039	NAA6039-005	4	5	Montmorillonite	0.51	Kaolinite	0.49	83.166	1099.9
NAA6040	NAA6040-001	0	1	Illite	0.68	IsaWhite	0.32	477.87	1341.9
NAA6040	NAA6040-002	1	2	Halloysite	0.6	Paragonite	0.4	257.81	1796.2
NAA6040	NAA6040-003	2	3	Halloysite	0.75	Paragonite	0.25	128.67	977.7
NAA6040	NAA6040-004	3	4	Kaolinite	0.54	Montmorillonite	0.47	89.167	1647.5
NAA6040	NAA6040-005	4	5	Illite	0.6	Halloysite	0.4	185.49	1849.1

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NAA6040	NAA6040-006	5	6	Illite	0.69	Halloysite	0.3	148.37	2039.6
NAA6040	NAA6040-007	6	7	Illite	1	NULL		476.9	1177.7
NAA6040	NAA6040-008	7	8	Illite	1	NULL		655.97	1014.9
NAA6040	NAA6040-009	8	9	Halloysite	1	NULL		516.71	1799
NAA6040	NAA6040-010	9	10	Kaolinite	0.59	Muscovite	0.41	149.06	2459.4
NAA6040	NAA6040-011	10	11	Illite	0.56	Kaolinite	0.44	112.63	1223.4
NAA6040	NAA6040-012	11	12	Muscovite	1	NULL		275.32	1329.2
NAA6040	NAA6040-013	12	13	Muscovite	0.61	Halloysite	0.39	226.94	1604.2
NAA6040	NAA6040-014	13	14	Illite	1	NULL		698.81	1499.3
NAA6040	NAA6040-015	14	15	Illite	1	NULL		466.85	1094.9
NAA6040	NAA6040-016	15	16	Muscovite	1	NULL		326.89	1314.5
NAA6041	NAA6041-001	0	1	Halloysite	1	NULL		993.98	1670.6
NAA6041	NAA6041-002	1	2	Illite	1	NULL		511.56	1681.4
NAA6041	NAA6041-003	2	3	Illite	0.83	IsaWhite	0.17	715.22	1367.7
NAA6041	NAA6041-004	3	4	Halloysite	0.55	Paragonite	0.45	190.27	1563.1
NAA6041	NAA6041-005	4	5	Halloysite	1	NULL		503.26	1927.6
NAA6041	NAA6041-006	5	6	Halloysite	1	NULL		377.95	1110
NAA6041	NAA6041-007	6	7	Kaolinite	0.53	Illite	0.47	100.23	1365.6
NAA6041	NAA6041-008	7	8	Illite	0.73	Kaolinite	0.27	93.395	1465.5
NAA6041	NAA6041-009	8	9	Illite	0.65	Halloysite	0.35	65.807	2289.8
NAA6041	NAA6041-010	9	10	Illite	1	NULL		95.538	1089.7
NAA6041	NAA6041-011	10	11	Illite	1	NULL		178.43	1146.3
NAA6041	NAA6041-012	11	12	Muscovite	0.59	Kaolinite	0.41	119.44	1527.5
NAA6041	NAA6041-013	12	13	Illite	0.66	Kaolinite	0.34	115.04	1470.8
NAA6041	NAA6041-014	13	14	Muscovite	0.69	Kaolinite	0.31	87.559	1417.1
NAA6041	NAA6041-015	14	15	Muscovite	1	NULL		167.98	1220.5
NAA6041	NAA6041-016	15	16	Muscovite	1	NULL		97.466	1408
NAA6041	NAA6041-017	16	17	Muscovite	0.75	Halloysite	0.25	62.54	1868.7
NAA6041	NAA6041-018	17	18	Muscovite	0.77	Dickite	0.23	186.39	1281.7
NAA6041	NAA6041-019	18	19	Muscovite	0.7	Halloysite	0.3	142.68	1349.7
NAA6041	NAA6041-020	19	20	Muscovite	0.71	Halloysite	0.29	167.11	1326.8
NAA6041	NAA6041-021	20	21	Illite	0.69	Kaolinite	0.31	89.866	1880.1
NAA6041	NAA6041-022	21	22	Muscovite	0.64	Kaolinite	0.36	38.409	2286.5
NAA6041	NAA6041-023	22	23	Illite	0.7	Halloysite	0.3	64.031	2535.3
NAA6042	NAA6042-001	0	1	WhiteMarker	1	NULL		807.32	265.8
NAA6042	NAA6042-002	1	2	WhiteMarker	1	NULL		632.99	383.8
NAA6042	NAA6042-003	2	3	Halloysite	0.8	YellowMarker	0.2	1073.15	1240.2
NAA6042	NAA6042-004	3	4	Halloysite	1	NULL		640.32	1915.7
NAA6042	NAA6042-005	4	5	Halloysite	0.61	Paragonite	0.39	243.54	1765.4
NAA6042	NAA6042-006	5	6	Halloysite	0.67	Paragonite	0.33	133.35	1881.3
NAA6042	NAA6042-007	6	7	Halloysite	0.76	Paragonite	0.24	103.76	1701.2
NAA6042	NAA6042-008	7	8	Kaolinite	0.57	Illite	0.43	76.446	1621.3
NAA6042	NAA6042-009	8	9	Illite	0.65	Kaolinite	0.35	90.707	1663.2
NAA6043	NAA6043-001	0	1	Illite	1	NULL		692.52	1382.5
NAA6043	NAA6043-002	1	2	Illite	1	NULL		1549.08	1401
NAA6043	NAA6043-003	2	3	Siderite	0.58	Illite	0.42	233.1	3025.2
NAA6043	NAA6043-004	3	4	Halloysite	0.57	Paragonite	0.43	402.38	1756.5
NAA6043	NAA6043-005	4	5	Halloysite	0.71	Dickite	0.29	137.4	1721.5
NAA6043	NAA6043-006	5	6	Halloysite	0.72	Illite	0.28	137.32	1323
NAA6043	NAA6043-007	6	7	Kaolinite	0.66	Illite	0.34	75.333	1749.1
NAA6043	NAA6043-008	7	8	Kaolinite	0.63	Muscovite	0.37	74.161	1725.6
NAA6043	NAA6043-009	8	9	Muscovite	0.52	Kaolinite	0.48	57.878	2320.7
NAA6043	NAA6043-010	9	10	Kaolinite	0.65	Muscovite	0.35	113.02	1781.2
NAA6043	NAA6043-011	10	11	Halloysite	1	NULL		182.85	1436.9
NAA6043	NAA6043-012	11	12	Kaolinite	0.57	Muscovite	0.43	73.9	1841.5
NAA6043	NAA6043-013	12	13	Kaolinite	0.57	Muscovite	0.43	82.522	1312.5
NAA6043	NAA6043-014	13	14	Kaolinite	0.65	Muscovite	0.35	96.443	1396
NAA6043	NAA6043-015	14	15	Halloysite	0.59	Phengite	0.41	113.55	1605.3
NAA6043	NAA6043-016	15	16	Muscovite	0.59	Halloysite	0.41	123.35	1477.7
NAA6043	NAA6043-017	16	17	Muscovite	0.54	Kaolinite	0.46	77.895	1565.5
NAA6043	NAA6043-018	17	18	Muscovite	0.56	Kaolinite	0.45	90.923	1914.7
NAA6043	NAA6043-019	18	19	Muscovite	0.56	Kaolinite	0.44	75.603	1898.8
NAA6043	NAA6043-020	19	20	Muscovite	0.55	Halloysite	0.45	158.49	1251.1
NAA6043	NAA6043-021	20	21	Muscovite	0.6	Kaolinite	0.4	149.33	2319.5

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
NAA6044	NAA6044-001	0	1	Halloysite	1	NULL		207.68	2012.1
NAA6044	NAA6044-002	1	2	Halloysite	0.59	Paragonite	0.41	311.34	2342.3
NAA6044	NAA6044-003	2	3	Halloysite	0.6	Paragonite	0.4	345.95	1765.3
NAA6044	NAA6044-004	3	4	Halloysite	0.69	Paragonite	0.32	148.01	1425.6
NAA6044	NAA6044-005	4	5	Halloysite	1	NULL		402.37	1712.3
NAA6044	NAA6044-006	5	6	Halloysite	0.55	Illite	0.45	312.41	1121.6
NAA6044	NAA6044-007	6	7	Halloysite	0.6	Montmorillonite	0.4	120.1	1879
NAA6044	NAA6044-008	7	8	Montmorillonite	0.52	Kaolinite	0.48	74.786	1240
NAA6044	NAA6044-009	8	9	Halloysite	0.54	Montmorillonite	0.46	109.11	1670.3
NAA6044	NAA6044-010	9	10	Halloysite	0.52	Montmorillonite	0.48	117.58	1547.3
NAA6044	NAA6044-011	10	11	Halloysite	0.51	Montmorillonite	0.49	138.84	1607.2
NAA6044	NAA6044-012	11	12	Montmorillonite	0.58	Kaolinite	0.42	112.05	1136.6
NAA6044	NAA6044-013	12	13	Montmorillonite	0.6	Halloysite	0.4	171.48	2659.1
NAA6044	NAA6044-014	13	14	Kaolinite	0.51	Montmorillonite	0.5	80.815	2035.2
NAA6044	NAA6044-015	14	15	Halloysite	0.59	Montmorillonite	0.41	88.729	2049.6
NAA6044	NAA6044-016	15	16	Halloysite	1	NULL		423.46	1131.1
NAA6044	NAA6044-017	16	17	Halloysite	1	NULL		282.23	1888.5
NAA6044	NAA6044-018	17	18	Halloysite	1	NULL		295.43	1672.8
NAA6044	NAA6044-019	18	19	Halloysite	1	NULL		280.11	1490.3
NAA6044	NAA6044-020	19	20	Opal	0.56	Halloysite	0.44	233.55	1123.5
NAA6044	NAA6044-021	20	21	Opal	0.65	Halloysite	0.35	256.63	1193.5
NAA6044	NAA6044-022	21	22	Illite	0.55	Halloysite	0.45	325.85	1553.9
NAA6044	NAA6044-023	22	23	MgChlorite	0.65	Illite	0.35	171.98	876.5
NAA6044	NAA6044-024	23	24	MgChlorite	0.58	Illite	0.42	165.89	1035.3
NAA6044	NAA6044-025	24	25	Montmorillonite	0.5	MgChlorite	0.5	76.135	2398.5
NAA6045	NAA6045-001	0	1	Halloysite	1	NULL		435.28	1433.9
NAA6045	NAA6045-002	1	2	Siderite	0.56	Illite	0.44	219.25	2380.6
NAA6045	NAA6045-003	2	3	Halloysite	1	NULL		743.06	2103.9
NAA6045	NAA6045-004	3	4	Halloysite	0.7	Dickite	0.29	167.79	1859.3
NAA6045	NAA6045-005	4	5	Halloysite	1	NULL		253.54	1764.8
NAA6045	NAA6045-006	5	6	Halloysite	0.7	Dickite	0.3	131.81	1932.1
NAA6045	NAA6045-007	6	7	Halloysite	1	NULL		169.23	1939
NAA6045	NAA6045-008	7	8	Illite	0.71	Halloysite	0.29	137.69	1438.7
NAA6045	NAA6045-009	8	9	Illite	1	NULL		103.78	1604.3
NAA6045	NAA6045-010	9	10	Illite	1	NULL		128.36	1875.4
NAA6045	NAA6045-011	10	11	Muscovite	0.77	Halloysite	0.23	85.706	1848.9
NAA6045	NAA6045-012	11	12	Muscovite	0.79	Halloysite	0.21	96.733	1551.7
NAA6045	NAA6045-013	12	13	Illite	1	NULL		187.47	1402.1
NAA6045	NAA6045-014	13	14	Muscovite	1	NULL		103.35	1356
NAA6046	NAA6046-001	0	1	DryVegetation	0.52	Halloysite	0.48	437.54	1253.5
NAA6046	NAA6046-002	1	2	Halloysite	0.77	IsaVWhite	0.23	330.47	1235.5
NAA6046	NAA6046-003	2	3	Halloysite	1	NULL		295.01	1593
NAA6046	NAA6046-004	3	4	Halloysite	1	NULL		744.79	1508.2
NAA6046	NAA6046-005	4	5	Halloysite	0.66	Dickite	0.34	155.71	1944.4
NAA6046	NAA6046-006	5	6	Halloysite	0.63	Dickite	0.37	110.41	1693.8
NAA6046	NAA6046-007	6	7	Halloysite	0.74	Dickite	0.26	126.06	1602.7
NAA6046	NAA6046-008	7	8	Halloysite	0.7	Dickite	0.3	133.86	2032.2
NAA6046	NAA6046-009	8	9	Halloysite	0.75	Illite	0.25	101.61	2121.8
NAA6046	NAA6046-010	9	10	Halloysite	0.78	Paragonite	0.22	89.525	1534.6
NAA6046	NAA6046-011	10	11	Illite	1	NULL		192.7	1035.6
NAA6046	NAA6046-012	11	12	Muscovite	0.64	Kaolinite	0.36	73.749	1931.8
NAA6046	NAA6046-013	12	13	WhiteMarker	1	NULL		536.1	429.3
NAA6046	NAA6046-014	13	14	Halloysite	0.53	Muscovite	0.47	79.578	1390.4
NAA6046	NAA6046-015	14	15	Muscovite	0.61	Kaolinite	0.39	59.586	1636.3
NAA6046	NAA6046-016	15	16	Muscovite	0.54	Kaolinite	0.46	61.704	2292.3
NAA6046	NAA6046-017	16	17	Muscovite	0.67	Halloysite	0.33	79.281	1504.1
NAA6046	NAA6046-018	17	18	Kaolinite	0.52	Muscovite	0.48	83.964	1917.3
NAA6047	NAA6047-001	0	1	Halloysite	0.65	YellowMarker	0.35	511.03	1231.2
NAA6047	NAA6047-002	1	2	Halloysite	1	NULL		651.93	1590.3
NAA6047	NAA6047-003	2	3	Halloysite	0.7	Dickite	0.3	162.41	2264.6
NAA6047	NAA6047-004	3	4	Montmorillonite	0.51	Kaolinite	0.49	63.034	1547.2
NAA6047	NAA6047-005	4	5	Montmorillonite	0.62	Kaolinite	0.38	53.84	1655.6
NAA6047	NAA6047-006	5	6	Montmorillonite	0.51	Kaolinite	0.49	63.815	2048.9
NAA6047	NAA6047-007	6	7	Montmorillonite	0.59	Kaolinite	0.41	53.07	1803.6

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
NAA6047	NAA6047-008	7	8	Montmorillonite	0.53	Kaolinite	0.47	194.9	747
NAA6047	NAA6047-009	8	9	Montmorillonite	0.59	Kaolinite	0.41	57.845	1541.9
NAA6047	NAA6047-010	9	10	Montmorillonite	0.72	Kaolinite	0.28	64.22	1237.2
NAA6047	NAA6047-011	10	11	Montmorillonite	0.8	Kaolinite	0.2	72.069	1639.2
NAA6047	NAA6047-012	11	12	Montmorillonite	0.6	Kaolinite	0.4	115.86	865.5
NAA6047	NAA6047-013	12	13	Montmorillonite	0.81	Kaolinite	0.2	65.834	1259.7
NAA6047	NAA6047-014	13	14	Montmorillonite	0.53	Kaolinite	0.47	68.426	1626.1
NAA6047	NAA6047-015	14	15	Montmorillonite	0.59	Kaolinite	0.41	64.015	1525.2
NAA6047	NAA6047-016	15	16	Montmorillonite	0.52	Kaolinite	0.48	127.16	1085.7
NAA6047	NAA6047-017	16	17	Montmorillonite	0.56	Kaolinite	0.44	86.039	1884
NAA6047	NAA6047-018	17	18	Montmorillonite	0.57	Kaolinite	0.43	82.951	1473.8
NAA6047	NAA6047-019	18	19	Montmorillonite	0.52	Kaolinite	0.48	87.918	1658.7
NAA6047	NAA6047-020	19	20	Montmorillonite	0.63	Kaolinite	0.37	101.21	1451.4
NAA6047	NAA6047-021	20	21	Halloysite	0.59	Nontronite	0.41	104.13	1829
NAA6047	NAA6047-022	21	22	Montmorillonite	0.54	Kaolinite	0.46	93.523	1994
NAA6047	NAA6047-023	22	23	Halloysite	0.56	Nontronite	0.44	249.26	1318.8
NAA6047	NAA6047-024	23	24	Montmorillonite	0.64	Kaolinite	0.36	159.57	1280.7
NAA6048	NAA6048-001	0	1	Halloysite	1	NULL		194.23	1637.3
NAA6048	NAA6048-002	1	2	Illite	0.55	Halloysite	0.45	100.91	1458.5
NAA6048	NAA6048-003	2	3	Illite	0.82	Halloysite	0.18	85.18	1208.7
NAA6048	NAA6048-004	3	4	Illite	0.77	Halloysite	0.23	74.838	1811.3
NAA6048	NAA6048-005	4	5	Illite	1	NULL		114.32	1575.5
NAA6048	NAA6048-006	5	6	Illite	0.69	Halloysite	0.31	106.73	1755.7
NAA6048	NAA6048-007	6	7	Illite	0.75	Halloysite	0.25	171.57	1778.6
NAA6048	NAA6048-008	7	8	Illite	1	NULL		178.37	1564.4
NAA6048	NAA6048-009	8	9	Illite	0.54	Kaolinite	0.46	199.82	1403.6
NAA6049	NAA6049-001	0	1	Halloysite	1	NULL		253.03	2027.3
NAA6049	NAA6049-002	1	2	Halloysite	1	NULL		245.08	1411.6
NAA6049	NAA6049-003	2	3	Halloysite	0.69	Dickite	0.31	202.39	1521.4
NAA6049	NAA6049-004	3	4	Illite	0.63	Halloysite	0.37	212.16	1863.7
NAA6049	NAA6049-005	4	5	Illite	0.58	Muscovite	0.42	33.713	1720.2
NAA6049	NAA6049-006	5	6	Muscovite	0.52	Illite	0.48	31.822	2629.6
NAA6049	NAA6049-007	6	7	Illite	1	NULL		107.58	1518.3
NAA6049	NAA6049-008	7	8	Muscovite	1	NULL		432.18	1553.8
NAA6049	NAA6049-009	8	9	Illite	1	NULL		410.01	906.8
NAA6050	NAA6050-001	0	1	Halloysite	0.54	Paragonite	0.46	261.68	1652.5
NAA6050	NAA6050-002	1	2	Halloysite	1	NULL		371.86	1214.6
NAA6050	NAA6050-003	2	3	Halloysite	1	NULL		657.27	3032.5
NAA6050	NAA6050-004	3	4	Halloysite	1	NULL		389.65	1516.9
NAA6050	NAA6050-005	4	5	Paragonite	0.58	Halloysite	0.42	470.8	1328.8
NAA6050	NAA6050-006	5	6	Illite	1	NULL		437.4	1335.2
NAA6050	NAA6050-007	6	7	Illite	1	NULL		402.63	2365.5
NAA6050	NAA6050-008	7	8	Illite	0.59	Kaolinite	0.41	119.9	1817.2
NAA6051	NAA6051-001	0	1	Kaolinite	0.54	Illite	0.46	240.13	1509.6
NAA6051	NAA6051-002	1	2	Kaolinite	0.56	Illite	0.44	161.01	2398.8
NAA6051	NAA6051-003	2	3	Kaolinite	0.5	Illite	0.5	308.37	2234.1
NAA6051	NAA6051-004	3	4	Halloysite	0.56	Paragonite	0.44	311.88	2617.1
NAA6051	NAA6051-005	4	5	Halloysite	1	NULL		672	2672.9
NAA6051	NAA6051-006	5	6	Kaolinite	0.75	Illite	0.25	74.401	2351.9
NAA6051	NAA6051-007	6	7	Halloysite	1	NULL		1202.4	3065.1
NAA6051	NAA6051-008	7	8	Halloysite	1	NULL		915.53	1501.6
NAA6051	NAA6051-009	8	9	Illite	0.83	Kaolinite	0.17	69.411	2541.3
NAA6051	NAA6051-010	9	10	Illite	1	NULL		107.02	1953.6
NAA6051	NAA6051-011	10	11	Illite	0.7	Kaolinite	0.3	51.308	1524.4
NAA6051	NAA6051-012	11	12	Halloysite	0.57	Paragonite	0.43	433.06	1621.4
NAA6052	NAA6052-001	0	1	Halloysite	1	NULL		581.83	1866.9
NAA6052	NAA6052-002	1	2	Halloysite	0.64	Dickite	0.36	241.16	1801.6
NAA6052	NAA6052-003	2	3	Halloysite	1	NULL		288.52	2011.1
NAA6052	NAA6052-004	3	4	Halloysite	1	NULL		283.31	2112.1
NAA6052	NAA6052-005	4	5	Halloysite	0.64	Dickite	0.36	174.51	1862.6
NAA6052	NAA6052-006	5	6	Halloysite	1	NULL		272.74	1893.5
NAA6052	NAA6052-007	6	7	Halloysite	1	NULL		301.99	1945.3
NAA6052	NAA6052-008	7	8	Kaolinite	0.68	Illite	0.32	132.01	2138.5
NAA6052	NAA6052-009	8	9	Kaolinite	0.64	Muscovite	0.36	80.487	1913.5

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
NAA6053	NAA6053-001	0	1	Halloysite	1	NULL		312.37	1938.2
NAA6053	NAA6053-002	1	2	Kaolinite	0.52	Illite	0.48	256.93	2557.4
NAA6053	NAA6053-003	2	3	Kaolinite	0.52	Illite	0.48	210.25	2189.8
NAA6053	NAA6053-004	3	4	Kaolinite	0.57	Illite	0.43	155.23	2288.3
NAA6053	NAA6053-005	4	5	Halloysite	1	NULL		221.75	2078.6
NAA6053	NAA6053-006	5	6	Kaolinite	0.64	Illite	0.36	91.102	2225.3
NAA6053	NAA6053-007	6	7	Kaolinite	0.68	Illite	0.32	97.07	2019.5
NAA6053	NAA6053-008	7	8	Kaolinite	0.56	Illite	0.44	140.62	1971.5
NAA6054	NAA6054-001	0	1	Kaolinite	0.68	Illite	0.33	114.8	1566.8
NAA6054	NAA6054-002	1	2	Halloysite	0.68	Dickite	0.32	175.76	1894
NAA6054	NAA6054-003	2	3	Halloysite	0.67	Dickite	0.33	136.6	1805.5
NAA6054	NAA6054-004	3	4	Halloysite	0.69	Dickite	0.31	197.26	2445.6
NAA6054	NAA6054-005	4	5	Halloysite	0.73	Dickite	0.27	129.19	1559
NAA6054	NAA6054-006	5	6	Halloysite	0.72	Dickite	0.28	152.05	1551
NAA6054	NAA6054-007	6	7	Halloysite	1	NULL		981.61	1901.6
NAA6054	NAA6054-008	7	8	Halloysite	1	NULL		1337.59	1697.2
NAA6054	NAA6054-009	8	9	Kaolinite	0.6	Illite	0.4	116.68	2283.4
NAA6054	NAA6054-010	9	10	Kaolinite	0.55	Muscovite	0.45	157.56	2004.3
NAA6054	NAA6054-011	10	11	Kaolinite	0.63	Muscovite	0.37	113.46	1971.8
NAA6054	NAA6054-012	11	12	Kaolinite	0.7	Illite	0.3	92.131	1787.2
NAA6054	NAA6054-013	12	13	Kaolinite	0.7	Muscovite	0.3	57.989	2465.7
NAA6054	NAA6054-014	13	14	Kaolinite	0.54	Illite	0.46	71.449	1932.4
NAA6055	NAA6055-001	0	1	Halloysite	1	NULL		313.81	1905
NAA6055	NAA6055-002	1	2	Halloysite	0.6	Dickite	0.4	254.35	1507
NAA6055	NAA6055-003	2	3	Halloysite	0.78	WhiteMarker	0.22	298.68	1452.5
NAA6055	NAA6055-004	3	4	Halloysite	0.59	Dickite	0.41	171.14	1943.8
NAA6055	NAA6055-005	4	5	Halloysite	1	NULL		576.73	1492.5
NAA6055	NAA6055-006	5	6	Halloysite	0.62	Dickite	0.38	145.78	1759.4
NAA6056	NAA6056-001	0	1	Halloysite	1	NULL		408.91	1969.6
NAA6056	NAA6056-002	1	2	Halloysite	0.84	IsaYellow	0.16	488.71	1756.5
NAA6056	NAA6056-003	2	3	Halloysite	1	NULL		459.37	2433.6
NAA6056	NAA6056-004	3	4	Halloysite	1	NULL		252.59	1611.3
NAA6056	NAA6056-005	4	5	Halloysite	1	NULL		363.58	2496.2
NAA6056	NAA6056-006	5	6	Halloysite	1	NULL		525.61	2780
NAA6056	NAA6056-007	6	7	Halloysite	0.62	Dickite	0.38	193.89	2083.1
NAA6057	NAA6057-001	0	1	Halloysite	1	NULL		547.17	1693.3
NAA6057	NAA6057-002	1	2	Halloysite	0.57	Dickite	0.43	311.72	1463.9
NAA6057	NAA6057-003	2	3	Halloysite	0.62	Dickite	0.38	205.14	1777.2
NAA6057	NAA6057-004	3	4	Halloysite	0.61	Dickite	0.39	182.41	1425.9
NAA6057	NAA6057-005	4	5	Halloysite	0.56	Dickite	0.45	204.45	2216.9
NAA6057	NAA6057-006	5	6	Halloysite	0.65	Dickite	0.35	133.94	1685.2
NAA6058	NAA6058-001	0	1	Halloysite	0.59	Dickite	0.41	340.59	1927.7
NAA6058	NAA6058-002	1	2	Halloysite	0.65	Dickite	0.35	167.42	2055.8
NAA6058	NAA6058-003	2	3	Halloysite	0.62	Dickite	0.38	146.91	1263
NAA6058	NAA6058-004	3	4	Halloysite	0.69	Dickite	0.31	111.41	1259.3
NAA6058	NAA6058-005	4	5	Halloysite	0.63	Dickite	0.37	122.79	1067.3
NAA6058	NAA6058-006	5	6	Halloysite	1	NULL		421.53	849.1
NAA6058	NAA6058-007	6	7	Kaolinite	0.65	Muscovite	0.35	68.37	2474.5
NAA6058	NAA6058-008	7	8	Kaolinite	0.56	Halloysite	0.44	72.91	2189
NAA6058	NAA6058-009	8	9	Kaolinite	0.66	Halloysite	0.34	73.118	2328.1
NAA6058	NAA6058-010	9	10	Kaolinite	0.63	Halloysite	0.37	82.135	2247.2
NAA6058	NAA6058-011	10	11	Halloysite	0.53	Kaolinite	0.47	124.53	1286.2
NAA6058	NAA6058-012	11	12	Kaolinite	0.55	Halloysite	0.45	70.911	2257.5
NAA6058	NAA6058-013	12	13	Halloysite	0.51	Kaolinite	0.5	129.08	1921.3
NAA6058	NAA6058-014	13	14	Halloysite	0.56	Kaolinite	0.44	145.07	2003.6
NAA6058	NAA6058-015	14	15	Kaolinite	0.51	Halloysite	0.49	186.32	1671.4
NAA6058	NAA6058-016	15	16	Halloysite	0.51	Kaolinite	0.49	149.59	1974.2
NAA6058	NAA6058-017	16	17	Halloysite	1	NULL		208.07	1842.1
NAA6058	NAA6058-018	17	18	Kaolinite	0.72	Muscovite	0.28	97.779	1947.9
NAA6058	NAA6058-019	18	19	Kaolinite	0.71	Muscovite	0.29	71.109	1577.4
NAA6058	NAA6058-020	19	20	Kaolinite	0.52	Halloysite	0.48	119.79	1518.2
NAA6058	NAA6058-021	20	21	Halloysite	0.51	Kaolinite	0.49	160.87	1533.9
NAA6058	NAA6058-022	21	22	Kaolinite	1	NULL		252.37	1033.2
NAA6058	NAA6058-023	22	23	Kaolinite	0.55	Halloysite	0.45	89.524	2070.1

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
NAA6058	NAA6058-024	23	24	Kaolinite	0.53	Halloysite	0.47	106.79	2094.2
NAA6058	NAA6058-025	24	25	Kaolinite	0.57	Halloysite	0.43	56.132	1879
NAA6058	NAA6058-026	25	26	Kaolinite	0.6	Halloysite	0.4	59.914	1917.7
NAA6058	NAA6058-027	26	27	Halloysite	0.55	Kaolinite	0.45	132.73	1575.1
NAA6058	NAA6058-028	27	28	Kaolinite	0.51	Halloysite	0.5	71.091	1647.2
NAA6058	NAA6058-029	28	29	Halloysite	0.57	Phengite	0.43	82.969	1962.9
NAA6058	NAA6058-030	29	30	Phengite	0.64	Halloysite	0.36	102.13	1558.2
NAA6058	NAA6058-031	30	31	Illite	0.55	Phengite	0.46	62.608	1613.5
NAA6058	NAA6058-032	31	32	Illite	0.5	Phengite	0.5	96.202	1824.3
NAA6058	NAA6058-033	32	33	Phengite	0.51	Illite	0.49	87.175	1606
NAA6058	NAA6058-034	33	34	Illite	0.53	Phengite	0.47	67.601	2143.8
NAA6058	NAA6058-035	34	35	Phengite	0.51	Illite	0.49	76.598	1261.7
NAA6059	NAA6059-001	0	1	Halloysite	1	NULL		437.66	2275
NAA6059	NAA6059-002	1	2	Halloysite	1	NULL		115.22	1989.7
NAA6059	NAA6059-003	2	3	Halloysite	0.64	Dickite	0.36	244.73	1575.3
NAA6059	NAA6059-004	3	4	Kaolinite	0.62	Muscovite	0.38	85.236	1847.3
NAA6059	NAA6059-005	4	5	Halloysite	0.64	Dickite	0.36	109.62	1439.2
NAA6059	NAA6059-006	5	6	Kaolinite	0.61	Halloysite	0.39	97.704	1366.3
NAA6059	NAA6059-007	6	7	Kaolinite	0.65	Halloysite	0.35	61.329	1500.4
NAA6059	NAA6059-008	7	8	Kaolinite	0.62	Halloysite	0.38	66.522	1424.3
NAA6059	NAA6059-009	8	9	Kaolinite	0.63	Halloysite	0.38	58.291	1503
NAA6059	NAA6059-010	9	10	Kaolinite	0.61	Halloysite	0.39	63.617	1165.6
NAA6059	NAA6059-011	10	11	Kaolinite	0.63	Halloysite	0.37	64.664	2081.3
NAA6059	NAA6059-012	11	12	Kaolinite	0.65	Halloysite	0.35	63.411	1925.3
NAA6059	NAA6059-013	12	13	Kaolinite	0.66	Halloysite	0.34	62.171	2004.6
NAA6059	NAA6059-014	13	14	Kaolinite	0.61	Halloysite	0.39	98.587	1509.6
NAA6059	NAA6059-015	14	15	Kaolinite	0.63	Halloysite	0.37	104.43	2113.2
NAA6059	NAA6059-016	15	16	Kaolinite	0.67	Halloysite	0.33	88.987	2664
NAA6059	NAA6059-017	16	17	Kaolinite	0.59	Halloysite	0.41	116.87	1441.7
NAA6059	NAA6059-018	17	18	Kaolinite	0.61	Halloysite	0.39	91.644	1469.8
NAA6059	NAA6059-019	18	19	Kaolinite	0.54	Halloysite	0.46	164.77	1518.5
NAA6059	NAA6059-020	19	20	Kaolinite	0.52	Montmorillonite	0.48	117.72	927.8
NAA6059	NAA6059-021	20	21	Montmorillonite	0.52	Kaolinite	0.48	62.717	1811.1
NAA6059	NAA6059-022	21	22	Montmorillonite	0.57	MgChlorite	0.43	87.512	1567
NAA6059	NAA6059-023	22	23	Montmorillonite	1	NULL		123.86	1306.6
NAA6059	NAA6059-024	23	24	Montmorillonite	0.61	Siderite	0.39	80.113	1544.3
NAA6060	NAA6060-001	0	1	Halloysite	1	NULL		288.19	1113.9
NAA6060	NAA6060-002	1	2	Halloysite	0.63	Dickite	0.37	161.18	2013.4
NAA6060	NAA6060-003	2	3	Halloysite	1	NULL		279.84	1339.6
NAA6060	NAA6060-004	3	4	Halloysite	0.51	Kaolinite	0.49	134.96	1331.3
NAA6060	NAA6060-005	4	5	Kaolinite	0.51	Halloysite	0.49	116.16	1205.2
NAA6060	NAA6060-006	5	6	Halloysite	0.66	Dickite	0.34	116.8	1614.9
NAA6060	NAA6060-007	6	7	Kaolinite	0.59	Halloysite	0.41	102.4	1980
NAA6060	NAA6060-008	7	8	Kaolinite	0.62	Halloysite	0.38	67.271	1451.6
NAA6060	NAA6060-009	8	9	Kaolinite	0.67	Halloysite	0.33	61.648	2549.5
NAA6060	NAA6060-010	9	10	Kaolinite	0.65	Halloysite	0.35	83.466	1472
NAA6060	NAA6060-011	10	11	Kaolinite	0.67	Halloysite	0.33	87.879	1712.3
NAA6060	NAA6060-012	11	12	Kaolinite	0.64	Halloysite	0.36	84.932	1018.3
NAA6060	NAA6060-013	12	13	Kaolinite	0.68	Halloysite	0.32	88.329	2102.4
NAA6060	NAA6060-014	13	14	Kaolinite	0.72	Halloysite	0.28	86.578	1659.4
NAA6060	NAA6060-015	14	15	Kaolinite	0.7	Halloysite	0.3	82.761	1913.8
NAA6060	NAA6060-016	15	16	Kaolinite	0.58	Halloysite	0.41	78.277	1777.9
NAA6061	NAA6061-001	0	1	Halloysite	0.51	Kaolinite	0.49	169.91	2681.3
NAA6061	NAA6061-002	1	2	Wood	0.58	Halloysite	0.42	141.11	2216.8
NAA6061	NAA6061-003	2	3	Halloysite	1	NULL		674.72	1651.6
NAA6061	NAA6061-004	3	4	Halloysite	0.68	Dickite	0.32	111	2827.2
NAA6061	NAA6061-005	4	5	Kaolinite	0.58	Halloysite	0.42	72.42	1740.1
NAA6061	NAA6061-006	5	6	Kaolinite	0.58	Halloysite	0.42	50.187	2069.8
NAA6061	NAA6061-007	6	7	Kaolinite	0.59	Halloysite	0.41	55.167	2090.9
NAA6061	NAA6061-008	7	8	Kaolinite	0.6	Halloysite	0.4	74.594	1790.1
NAA6061	NAA6061-009	8	9	Kaolinite	0.63	Halloysite	0.37	60.823	1536.6
NAA6061	NAA6061-010	9	10	Kaolinite	0.62	Halloysite	0.38	59.59	1275.7
NAA6061	NAA6061-011	10	11	Kaolinite	0.66	Halloysite	0.34	66.716	1926.9
NAA6061	NAA6061-012	11	12	Kaolinite	0.64	Halloysite	0.36	74.632	1889

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
NAA6061	NAA6061-013	12	13	Kaolinite	0.61	Halloysite	0.39	64.519	1747.5
NAA6061	NAA6061-014	13	14	Kaolinite	0.55	Halloysite	0.45	100.28	2323.1
NAA6061	NAA6061-015	14	15	Kaolinite	0.51	Montmorillonite	0.49	67.232	1111.9
NAA6061	NAA6061-016	15	16	Kaolinite	0.54	Montmorillonite	0.46	79.902	1607.3
NAA6061	NAA6061-017	16	17	Montmorillonite	0.59	Kaolinite	0.41	94.068	1657.2
NAA6061	NAA6061-018	17	18	Montmorillonite	1	NULL		263.02	990.2
NAA6062	NAA6062-001	0	1	Halloysite	1	NULL		382.04	1430.7
NAA6062	NAA6062-002	1	2	Halloysite	0.63	WhiteMarker	0.37	412.59	817.1
NAA6062	NAA6062-003	2	3	Halloysite	1	NULL		336.6	1686.8
NAA6062	NAA6062-004	3	4	Halloysite	1	NULL		271.22	1152.9
NAA6063	NAA6063-001	0	1	Dickite	1	NULL		395.56	1795
NAA6063	NAA6063-002	1	2	Wood	0.62	Halloysite	0.38	104.87	1608.7
NAA6063	NAA6063-003	2	3	Halloysite	1	NULL		293.78	1871.3
NAA6063	NAA6063-004	3	4	Halloysite	0.57	Wood	0.42	263.15	2130
NAA6063	NAA6063-005	4	5	Halloysite	1	NULL		343.51	2306.4
NAA6064	NAA6064-001	0	1	Halloysite	1	NULL		504.01	2113.5
NAA6064	NAA6064-002	1	2	Halloysite	1	NULL		463.11	1910.7
NAA6064	NAA6064-003	2	3	Halloysite	0.61	IsaWhite	0.39	580.64	1058.2
NAA6064	NAA6064-004	3	4	Halloysite	0.67	Dickite	0.33	168.61	1590
NAA6064	NAA6064-005	4	5	Halloysite	0.72	Dickite	0.28	108.01	1705.6
NAA6064	NAA6064-006	5	6	Halloysite	0.71	Dickite	0.28	86.216	2192.9
NAA6064	NAA6064-007	6	7	Kaolinite	0.56	Halloysite	0.44	63.416	1637.5
NAA6064	NAA6064-008	7	8	Kaolinite	0.64	Halloysite	0.36	60.346	2247.3
NAA6064	NAA6064-009	8	9	Kaolinite	0.65	Halloysite	0.35	66.574	1450.8
NAA6064	NAA6064-010	9	10	Kaolinite	0.57	Halloysite	0.43	76.037	1442.7
NAA6064	NAA6064-011	10	11	Kaolinite	0.57	Halloysite	0.42	145.21	1161.1
NAA6064	NAA6064-012	11	12	Kaolinite	0.59	Halloysite	0.41	75.139	1819.8
NAA6064	NAA6064-013	12	13	Kaolinite	0.69	Montmorillonite	0.3	71.348	1941
NAA6064	NAA6064-014	13	14	Kaolinite	0.55	Montmorillonite	0.45	88.707	1579.5
NAA6064	NAA6064-015	14	15	Kaolinite	0.51	Montmorillonite	0.49	82.388	1778.5
NAA6064	NAA6064-016	15	16	Halloysite	0.56	Nontronite	0.45	186.32	957.9
NAA6064	NAA6064-017	16	17	Montmorillonite	0.61	Kaolinite	0.39	117.46	1258.6
NAA6064	NAA6064-018	17	18	Montmorillonite	0.65	Kaolinite	0.35	182.23	1036.9
NAA6065	NAA6065-001	0	1	Halloysite	0.74	IsaWhite	0.26	701.58	1772.6
NAA6065	NAA6065-002	1	2	Halloysite	1	NULL		294.42	1179.4
NAA6065	NAA6065-003	2	3	Halloysite	0.78	Nontronite	0.23	110.3	1336.8
NAA6065	NAA6065-004	3	4	Halloysite	0.52	Kaolinite	0.48	97.584	1796.2
NAA6065	NAA6065-005	4	5	Kaolinite	0.63	Montmorillonite	0.37	57.388	1771.7
NAA6065	NAA6065-006	5	6	Kaolinite	0.68	Montmorillonite	0.32	57.343	2286.3
NAA6065	NAA6065-007	6	7	Kaolinite	0.64	Montmorillonite	0.36	57.181	1888.6
NAA6065	NAA6065-008	7	8	Kaolinite	0.63	Montmorillonite	0.37	60.43	2837.3
NAA6065	NAA6065-009	8	9	Halloysite	0.52	Kaolinite	0.48	95.865	1508
NAA6065	NAA6065-010	9	10	Halloysite	1	NULL		290.71	1003.7
NAA6065	NAA6065-011	10	11	Halloysite	1	NULL		371.43	828.9
NAA6065	NAA6065-012	11	12	Kaolinite	0.6	Montmorillonite	0.4	107.68	1363.3
NAA6065	NAA6065-013	12	13	Kaolinite	0.59	Montmorillonite	0.41	85.535	1310.6
NAA6065	NAA6065-014	13	14	Kaolinite	0.59	Montmorillonite	0.41	71.118	1741.1
NAA6065	NAA6065-015	14	15	Kaolinite	0.55	Montmorillonite	0.45	67.9	2216.7
NAA6065	NAA6065-016	15	16	Kaolinite	0.73	WhiteMarker	0.27	266.65	831.8
NAA6065	NAA6065-017	16	17	Kaolinite	0.5	Montmorillonite	0.5	74.832	1898.1
NAA6066	NAA6066-001	0	1	Halloysite	1	NULL		301.87	2589.3
NAA6066	NAA6066-002	1	2	Kaolinite	0.6	Montmorillonite	0.4	92.542	1711.2
NAA6066	NAA6066-003	2	3	Halloysite	0.56	Kaolinite	0.44	105.83	1457.1
NAA6066	NAA6066-004	3	4	Kaolinite	0.56	Halloysite	0.44	86.05	1557.8
NAA6066	NAA6066-005	4	5	Kaolinite	0.57	Halloysite	0.43	76.657	2277.8
NAA6066	NAA6066-006	5	6	Kaolinite	0.52	Halloysite	0.48	85.505	2064.3
NAA6066	NAA6066-007	6	7	Kaolinite	0.54	Halloysite	0.46	69.374	1388.9
NAA6066	NAA6066-008	7	8	Kaolinite	0.62	Halloysite	0.38	63.516	2206.2
NAA6066	NAA6066-009	8	9	Kaolinite	0.64	Halloysite	0.36	116.72	1714.8
NAA6066	NAA6066-010	9	10	Kaolinite	1	NULL		140.14	1334.9
NAA6066	NAA6066-011	10	11	Kaolinite	0.69	Halloysite	0.31	81.066	1644.4
NAA6066	NAA6066-012	11	12	Kaolinite	0.66	Halloysite	0.34	84.87	1725.5
NAA6066	NAA6066-013	12	13	Kaolinite	0.72	Halloysite	0.28	86.957	1606.1
NAA6066	NAA6066-014	13	14	Kaolinite	0.56	WhiteMarker	0.44	168.38	697.2

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
NAA6066	NAA6066-015	14	15	Kaolinite	0.65	Halloysite	0.35	127.92	1286.8
NAA6066	NAA6066-016	15	16	Kaolinite	0.67	Halloysite	0.33	96.269	2198.1
NAA6066	NAA6066-017	16	17	Kaolinite	0.62	Halloysite	0.38	88.644	2091.6
NAA6066	NAA6066-018	17	18	Kaolinite	0.6	Halloysite	0.4	82.256	2117.7
NAA6066	NAA6066-019	18	19	Kaolinite	1	NULL		249.26	857.2
NAA6066	NAA6066-020	19	20	Halloysite	0.54	Kaolinite	0.46	151.16	2247.5
NAA6066	NAA6066-021	20	21	Halloysite	0.71	WhiteMarker	0.29	169.31	1088
NAA6066	NAA6066-022	21	22	Halloysite	0.52	Kaolinite	0.48	119.16	1644.3
NAA6066	NAA6066-023	22	23	Halloysite	1	NULL		230.01	1456.2
NAA6066	NAA6066-024	23	24	Kaolinite	0.71	WhiteMarker	0.29	210.01	760.2
NAA6066	NAA6066-025	24	25	Halloysite	0.55	Kaolinite	0.46	123.94	1654.6
NAA6066	NAA6066-026	25	26	Halloysite	0.54	Kaolinite	0.46	166.35	1115
NAA6066	NAA6066-027	26	27	Halloysite	1	NULL		230.78	1166.6
NAA6066	NAA6066-028	27	28	Kaolinite	0.8	WhiteMarker	0.2	158.92	1125.6
NAA6066	NAA6066-029	28	29	Kaolinite	0.59	Halloysite	0.41	124.81	2030.3
NAA6066	NAA6066-030	29	30	Kaolinite	0.77	WhiteMarker	0.23	306.83	988.8
NAA6066	NAA6066-031	30	31	Kaolinite	0.54	Halloysite	0.46	119.06	2092.5
NAA6066	NAA6066-032	31	32	Kaolinite	0.55	Halloysite	0.45	103.24	2516.5
NAA6066	NAA6066-033	32	33	Halloysite	1	NULL		158.68	1700.8
NAA6066	NAA6066-034	33	34	Halloysite	1	NULL		145.83	1895.3
NAA6066	NAA6066-035	34	35	Halloysite	0.65	Montmorillonite	0.35	108.85	1650.3
NAA6066	NAA6066-036	35	36	Montmorillonite	0.6	Halloysite	0.4	241.48	1594.4
NAA6066	NAA6066-037	36	37	Montmorillonite	0.69	Halloysite	0.31	184.23	1891.3
NAA6067	NAA6067-001	0	1	Halloysite	1	NULL		298.31	1646
NAA6067	NAA6067-002	1	2	Halloysite	0.69	Dickite	0.31	195.78	1948.7
NAA6067	NAA6067-003	2	3	Halloysite	1	NULL		243.18	3118
NAA6067	NAA6067-004	3	4	Halloysite	1	NULL		256.09	1914.6
NAA6067	NAA6067-005	4	5	Halloysite	1	NULL		444.62	3251.3
NAA6067	NAA6067-006	5	6	Kaolinite	0.53	Halloysite	0.47	157.2	1974.8
NAA6067	NAA6067-007	6	7	Kaolinite	1	NULL		195.29	2243.9
NAA6068	NAA6068-001	0	1	Halloysite	1	NULL		432.56	1833.3
NAA6068	NAA6068-002	1	2	Halloysite	0.61	Dickite	0.39	218.84	1792.8
NAA6068	NAA6068-003	2	3	Halloysite	0.61	Nacrite	0.39	189.65	1387.7
NAA6068	NAA6068-004	3	4	Halloysite	0.7	Dickite	0.3	179.94	1451.6
NAA6068	NAA6068-005	4	5	Halloysite	0.66	Dickite	0.34	119.37	2164.5
NAA6068	NAA6068-006	5	6	Halloysite	0.63	Dickite	0.37	141.34	1420.6
NAA6068	NAA6068-007	6	7	Halloysite	1	NULL		607.54	1984.9
NAA6068	NAA6068-008	7	8	Halloysite	1	NULL		311.34	2691.7
NAA6068	NAA6068-009	8	9	Halloysite	1	NULL		940.29	3289.5
NAA6069	NAA6069-001	0	1	Halloysite	1	NULL		591.38	1985
NAA6069	NAA6069-002	1	2	Halloysite	0.54	Illite	0.46	343.12	2722.4
NAA6069	NAA6069-003	2	3	Halloysite	0.59	Paragonite	0.41	296.28	1648.4
NAA6069	NAA6069-004	3	4	Halloysite	0.54	Illite	0.46	246.38	1760.1
NAA6070	NAA6070-001	0	1	Halloysite	1	NULL		294.99	1530.9
NAA6070	NAA6070-002	1	2	Halloysite	0.69	Dickite	0.31	164.46	1669.6
NAA6070	NAA6070-003	2	3	Halloysite	0.62	Dickite	0.38	144.76	1579.9
NAA6070	NAA6070-004	3	4	Halloysite	1	NULL		315.04	2940.9
NAA6070	NAA6070-005	4	5	Halloysite	1	NULL		434.56	2205.2
NAA6071	NAA6071-001	0	1	Halloysite	1	NULL		424.4	2133.1
NAA6071	NAA6071-002	1	2	Halloysite	1	NULL		656.18	2442.3
NAA6071	NAA6071-003	2	3	Halloysite	1	NULL		349.46	1514.5
NAA6071	NAA6071-004	3	4	Halloysite	0.63	Dickite	0.37	150.79	2020
NAA6071	NAA6071-005	4	5	Halloysite	0.69	Dickite	0.31	171.45	1377
NAA6071	NAA6071-006	5	6	Kaolinite	0.55	Halloysite	0.45	76.085	2203.9
NAA6071	NAA6071-007	6	7	Kaolinite	0.52	Halloysite	0.48	65.931	1420
NAA6071	NAA6071-008	7	8	Halloysite	0.52	Kaolinite	0.48	66.581	2139.7
NAA6071	NAA6071-009	8	9	Kaolinite	0.65	Halloysite	0.35	61.644	2580.3
NAA6071	NAA6071-010	9	10	Kaolinite	0.63	Halloysite	0.37	54.528	2695.4
NAA6071	NAA6071-011	10	11	Kaolinite	0.71	Halloysite	0.29	66.887	2272.4
NAA6071	NAA6071-012	11	12	Halloysite	0.66	Dickite	0.34	112.83	2382.4
NAA6071	NAA6071-013	12	13	Kaolinite	1	NULL		138.18	2279.9
NAA6071	NAA6071-014	13	14	Kaolinite	0.66	Halloysite	0.34	98.172	2038.7
NAA6071	NAA6071-015	14	15	Kaolinite	0.62	Halloysite	0.38	76.505	1763.8
NAA6071	NAA6071-016	15	16	Kaolinite	0.63	Halloysite	0.37	101.15	2600.3

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
NAA6071	NAA6071-017	16	17	Kaolinite	0.68	Halloysite	0.33	89.991	2528.3
NAA6071	NAA6071-018	17	18	Kaolinite	0.7	Halloysite	0.3	92.07	1977.2
NAA6071	NAA6071-019	18	19	Kaolinite	0.67	Halloysite	0.33	99.919	1535.2
NAA6071	NAA6071-020	19	20	Kaolinite	0.64	Halloysite	0.36	129.81	1409.6
NAA6071	NAA6071-021	20	21	Kaolinite	1	NULL		170.65	912.4
NAA6072	NAA6072-001	0	1	Halloysite	1	NULL		304.39	1729.2
NAA6072	NAA6072-002	1	2	Halloysite	0.64	Dickite	0.36	169.51	2022
NAA6072	NAA6072-003	2	3	Halloysite	0.52	Kaolinite	0.48	123.05	1726.2
NAA6072	NAA6072-004	3	4	Halloysite	0.63	Dickite	0.37	141.79	1405.7
NAA6072	NAA6072-005	4	5	Halloysite	0.65	Dickite	0.35	139.43	1959.9
NAA6072	NAA6072-006	5	6	Halloysite	0.71	Dickite	0.29	109.4	1507.8
NAA6072	NAA6072-007	6	7	Halloysite	1	NULL		357.67	2889.9
NAA6072	NAA6072-008	7	8	Halloysite	0.64	Dickite	0.36	156.81	1920.3
NAA6073	NAA6073-001	0	1	Halloysite	1	NULL		278.56	2286.7
NAA6073	NAA6073-002	1	2	Halloysite	0.57	Dickite	0.43	237.89	1849.2
NAA6073	NAA6073-003	2	3	Halloysite	0.63	Nacrite	0.37	156.18	1782.1
NAA6073	NAA6073-004	3	4	Halloysite	0.62	Dickite	0.38	169.91	2517.9
NAA6073	NAA6073-005	4	5	Halloysite	0.62	Dickite	0.38	164.18	1810.1
NAA6073	NAA6073-006	5	6	Halloysite	0.6	Dickite	0.4	207.74	1867.1
NAA6074	NAA6074-001	0	1	Halloysite	0.62	Nacrite	0.38	209.88	1398
NAA6074	NAA6074-002	1	2	Halloysite	0.61	Dickite	0.39	211.4	1751.7
NAA6074	NAA6074-003	2	3	Halloysite	0.63	Dickite	0.37	144.79	2417
NAA6074	NAA6074-004	3	4	Halloysite	0.63	Dickite	0.37	163.14	1798.3
NAA6074	NAA6074-005	4	5	Halloysite	1	NULL		513.09	2220.1
NAA6075	NAA6075-001	0	1	Halloysite	1	NULL		236.46	2009
NAA6075	NAA6075-002	1	2	Halloysite	1	NULL		579.32	1093.5
NAA6075	NAA6075-003	2	3	Halloysite	0.62	Montmorillonite	0.38	148.69	1567.7
NAA6075	NAA6075-004	3	4	Halloysite	0.59	Montmorillonite	0.41	139.32	1626.7
NAA6075	NAA6075-005	4	5	Halloysite	0.55	Montmorillonite	0.45	68.564	2095.8
NAA6075	NAA6075-006	5	6	Montmorillonite	0.51	Kaolinite	0.49	86.501	1771.2
NAA6075	NAA6075-007	6	7	Kaolinite	0.55	Montmorillonite	0.45	111.81	2219.7
NAA6075	NAA6075-008	7	8	Kaolinite	0.55	Montmorillonite	0.45	73.344	2447.4
NAA6076	NAA6076-001	0	1	Halloysite	1	NULL		473.59	1476.8
NAA6076	NAA6076-002	1	2	Montmorillonite	0.55	Halloysite	0.45	117.09	2778.2
NAA6076	NAA6076-003	2	3	Montmorillonite	0.59	Halloysite	0.41	125.94	1305.7
NAA6076	NAA6076-004	3	4	Montmorillonite	0.54	Halloysite	0.46	78.581	1498.8
NAA6076	NAA6076-005	4	5	Montmorillonite	0.58	Halloysite	0.42	51.059	1622.9
NAA6076	NAA6076-006	5	6	Montmorillonite	0.63	Halloysite	0.37	79.242	1834
NAA6076	NAA6076-007	6	7	Illite	1	NULL		161.24	1757.5
NAA6077	NAA6077-001	0	1	Halloysite	1	NULL		303.78	1441.5
NAA6077	NAA6077-002	1	2	Montmorillonite	0.51	Halloysite	0.49	268.6	1336.6
NAA6077	NAA6077-003	2	3	Montmorillonite	0.83	Kaolinite	0.17	55.859	1696.8
NAA6077	NAA6077-004	3	4	Montmorillonite	0.8	Kaolinite	0.2	89.739	1256.8
NAA6077	NAA6077-005	4	5	Montmorillonite	0.81	Kaolinite	0.19	74.471	1712.3
NAA6077	NAA6077-006	5	6	Montmorillonite	0.72	Kaolinite	0.28	48.385	1539
NAA6077	NAA6077-007	6	7	Montmorillonite	0.72	Kaolinite	0.28	99.034	1326.9
NAA6077	NAA6077-008	7	8	Montmorillonite	0.76	Halloysite	0.24	50.622	1552.3
NAA6077	NAA6077-009	8	9	Montmorillonite	0.64	Illite	0.36	74.294	3001.9
NAA6077	NAA6077-010	9	10	Illite	0.55	MgChlorite	0.45	52.422	1726.1
NAA6077	NAA6077-011	10	11	Illite	0.65	MgChlorite	0.35	62.841	2206.2
NAA6078	NAA6078-001	0	1	Montmorillonite	0.68	Halloysite	0.32	286.36	1325
NAA6078	NAA6078-002	1	2	Montmorillonite	1	NULL		65.327	2091.9
NAA6078	NAA6078-003	2	3	Montmorillonite	1	NULL		84.315	1309.7
NAA6078	NAA6078-004	3	4	Montmorillonite	0.77	Nontronite	0.23	68.378	1748.1
NAA6078	NAA6078-005	4	5	Montmorillonite	0.63	Nontronite	0.37	111.95	1906.6
NAA6078	NAA6078-006	5	6	Montmorillonite	0.56	Nontronite	0.45	297.01	990.1
NAA6078	NAA6078-007	6	7	Montmorillonite	0.56	Nontronite	0.44	98.333	1486
NAA6078	NAA6078-008	7	8	Montmorillonite	0.57	Nontronite	0.43	124.95	1456
NAA6078	NAA6078-009	8	9	Nontronite	1	NULL		711.7	946.4
NAA6078	NAA6078-010	9	10	Montmorillonite	0.5	Nontronite	0.5	183.08	1402.7
NAA6078	NAA6078-011	10	11	Montmorillonite	0.56	Nontronite	0.45	181.4	1096.7
NAA6078	NAA6078-012	11	12	Montmorillonite	0.63	Nontronite	0.37	207.79	1100.6
NAA6078	NAA6078-013	12	13	Montmorillonite	0.61	Nontronite	0.39	174.2	2306.1

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
Magnesium_Clay									
NAA6078	NAA6078-014	13	14 s		0.59 Nontronite		0.41	181.28	1417.5
NAA6079	NAA6079-001	0	1 WhiteMarker		1 NULL			924.33	320.4
NAA6079	NAA6079-002	1	2 Halloysite		0.68 WhiteMarker		0.32	311.9	1197.1
NAA6079	NAA6079-003	2	3 WhiteMarker		0.55 Brucite		0.45	2474.15	1099.7
NAA6079	NAA6079-004	3	4 Halloysite		0.79 WhiteMarker		0.21	327.08	1139.5
NAA6079	NAA6079-005	4	5 Halloysite		0.66 Illite		0.34	116.8	2215.5
NAA6079	NAA6079-006	5	6 Halloysite		0.68 Illite		0.32	158.05	1488.4
NAA6079	NAA6079-007	6	7 Halloysite		0.67 Illite		0.33	124.41	2132.4
NAA6079	NAA6079-008	7	8 Halloysite		0.63 Illite		0.37	173.64	2138.8
NAA6079	NAA6079-009	8	9 Halloysite		0.68 Illite		0.32	121.51	1837.7
NAA6079	NAA6079-010	9	10 Halloysite		0.58 Illite		0.41	166.98	1734.1
NAA6079	NAA6079-011	10	11 Illite		0.7 IsaWhite		0.3	995.77	1005.4
NAA6079	NAA6079-012	11	12 MgChlorite		0.65 Illite		0.35	100.79	1217.5
NAA6080	NAA6080-001	0	1 Halloysite		0.63 DryVegetation		0.37	241.39	1461.1
NAA6080	NAA6080-002	1	2 Halloysite		1 NULL			372.52	1158.3
NAA6080	NAA6080-003	2	3 Halloysite		0.65 Illite		0.35	166.96	1808.8
NAA6080	NAA6080-004	3	4 Halloysite		0.62 Montmorillonite		0.38	147.8	1211.3
NAA6080	NAA6080-005	4	5 Halloysite		0.68 Montmorillonite		0.32	78.432	968.5
NAA6080	NAA6080-006	5	6 Halloysite		0.51 Montmorillonite		0.49	67.972	1328.3
NAA6080	NAA6080-007	6	7 Montmorillonite		0.62 Halloysite		0.38	95.636	1399.6
NAA6080	NAA6080-008	7	8 Dark		NULL			5000	290.9
NAA6081	NAA6081-001	0	1 Halloysite		1 NULL			880.41	1100.1
NAA6081	NAA6081-002	1	2 Halloysite		1 NULL			1323.49	1145.6
NAA6081	NAA6081-003	2	3 Halloysite		1 NULL			257.19	1310.2
NAA6081	NAA6081-004	3	4 Halloysite		0.66 Montmorillonite		0.34	142.39	1569.4
NAA6081	NAA6081-005	4	5 Halloysite		0.69 Illite		0.3	123.11	2424.4
NAA6081	NAA6081-006	5	6 Halloysite		0.62 Illite		0.38	182.77	1665.3
NAA6081	NAA6081-007	6	7 Halloysite		0.62 Illite		0.38	170.39	1617.9
NAA6081	NAA6081-008	7	8 Montmorillonite		0.64 Nontronite		0.36	57.881	1140.3
NAA6081	NAA6081-009	8	9 Montmorillonite		0.61 Nontronite		0.39	150.01	1063.7
NAA6082	NAA6082-001	0	1 WhiteMarker		1 NULL			579.35	482.6
NAA6082	NAA6082-002	1	2 Halloysite		0.6 Wood		0.4	176.4	1745.1
NAA6082	NAA6082-003	2	3 WhiteMarker		0.6 Halloysite		0.4	462.01	800.6
NAA6082	NAA6082-004	3	4 Halloysite		1 NULL			416.33	2276.9
NAA6082	NAA6082-005	4	5 Halloysite		1 NULL			332.64	1922.7
NAA6082	NAA6082-006	5	6 Halloysite		1 NULL			412.78	1801.4
NAA6082	NAA6082-007	6	7 Illite		0.79 Halloysite		0.21	56.698	2554.4
NAA6082	NAA6082-008	7	8 Illite		0.83 Halloysite		0.17	69.415	1602.5
NAA6082	NAA6082-009	8	9 Illite		1 NULL			81.371	1107
NAA6082	NAA6082-010	9	10 Illite		0.75 Phengite		0.25	37.997	2318.3
NAA6082	NAA6082-011	10	11 Illite		0.83 Halloysite		0.17	57.975	1946
NAA6082	NAA6082-012	11	12 Illite		1 NULL			143.21	773.3
NAA6082	NAA6082-013	12	13 Illite		0.7 Phengite		0.3	62.977	1827.8
NAA6082	NAA6082-014	13	14 Illite		0.71 Phengite		0.29	46.721	1381.1
NAA6082	NAA6082-015	14	15 Illite		0.74 Phengite		0.26	50.667	1513.6
NAA6082	NAA6082-016	15	16 Muscovite		0.7 Montmorillonite		0.3	47.997	1856.5
NAA6082	NAA6082-017	16	17 Muscovite		1 NULL			128.4	1156.1
NAA6082	NAA6082-018	17	18 Illite		0.68 Phengite		0.32	73.671	1697.8
NAA6082	NAA6082-019	18	19 Illite		1 NULL			193.99	1030.4
NAA6082	NAA6082-020	19	20 Illite		0.69 Phengite		0.31	64.972	1503
NAA6082	NAA6082-021	20	21 Illite		0.64 Phengite		0.36	42.196	1686.2
NAA6082	NAA6082-022	21	22 Illite		0.63 Phengite		0.37	52.039	1871.2
NAA6082	NAA6082-023	22	23 Illite		0.63 Phengite		0.37	72.253	1872.1
NAA6082	NAA6082-024	23	24 Illite		0.65 Phengite		0.35	92.104	2047.9
NAA6082	NAA6082-025	24	25 Muscovite		1 NULL			209.95	876.9
NAA6082	NAA6082-026	25	26 Illite		1 NULL			523	888
NAA6083	NAA6083-001	0	1 WhiteMarker		0.55 Illite		0.45	517.65	609.7
NAA6083	NAA6083-002	1	2 WhiteMarker		1 NULL			562.44	381.6
NAA6083	NAA6083-003	2	3 Wood		0.55 Halloysite		0.45	210.91	1250.7
NAA6083	NAA6083-004	3	4 Dark		NULL			5000	215.6
NAA6083	NAA6083-005	4	5 Muscovite		0.77 Halloysite		0.23	113.8	1767.9
NAA6083	NAA6083-006	5	6 Halloysite		1 NULL			538.86	1095.4
NAA6083	NAA6083-007	6	7 WhiteMarker		1 NULL			941.21	417.1

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
NAA6083	NAA6083-008	7	8	Halloysite	0.68	Illite	0.33	90.991	2429
NAA6083	NAA6083-009	8	9	Halloysite	1	NULL		194.73	1226.2
NAA6083	NAA6083-010	9	10	Halloysite	0.58	Illite	0.41	117.53	1927.9
NAA6083	NAA6083-011	10	11	Halloysite	0.6	Illite	0.4	103.06	2985.1
NAA6083	NAA6083-012	11	12	Halloysite	1	NULL		294.82	1922.3
NAA6083	NAA6083-013	12	13	Halloysite	0.54	Illite	0.46	265.61	1255.4
NAA6083	NAA6083-014	13	14	Illite	1	NULL		125.27	1435.5
NAA6083	NAA6083-015	14	15	Illite	1	NULL		621.13	1467
NAA6083	NAA6083-016	15	16	Illite	1	NULL		134.02	1225.7
NAA6083	NAA6083-017	16	17	Illite	1	NULL		61.784	1414.1
NAA6083	NAA6083-018	17	18	Illite	1	NULL		363.7	1272.7
NAA6084	NAA6084-001	0	1	WhiteMarker	1	NULL		457.87	382.6
NAA6084	NAA6084-002	1	2	Illite	0.52	Halloysite	0.48	310.35	1099.7
NAA6084	NAA6084-003	2	3	Illite	0.5	Halloysite	0.5	223.85	2053.8
NAA6084	NAA6084-004	3	4	Halloysite	1	NULL		460.19	1608.2
NAA6084	NAA6084-005	4	5	Halloysite	1	NULL		731.46	2182.6
NAA6084	NAA6084-006	5	6	Halloysite	0.58	Illite	0.42	238.81	2180.8
NAA6084	NAA6084-007	6	7	Illite	0.63	Montmorillonite	0.37	75.431	1790.4
NAA6084	NAA6084-008	7	8	Illite	0.76	Halloysite	0.25	149.83	1833.4
NAA6084	NAA6084-009	8	9	Illite	0.59	Montmorillonite	0.41	63.294	2124.2
NAA6084	NAA6084-010	9	10	Illite	1	NULL		700.64	2041.8
NAA6084	NAA6084-011	10	11	Illite	1	NULL		176.05	2010.3
NAA6084	NAA6084-012	11	12	Illite	1	NULL		92.835	1879.7
NAA6084	NAA6084-013	12	13	Illite	1	NULL		167.05	1499.5
NAA6084	NAA6084-014	13	14	Illite	1	NULL		213.53	1966.2
NAA6084	NAA6084-015	14	15	Illite	1	NULL		125.47	2104.6
NAA6084	NAA6084-016	15	16	Illite	1	NULL		100.4	2234.5
NAA6084	NAA6084-017	16	17	Illite	1	NULL		167.17	1483.5
NAA6084	NAA6084-018	17	18	Illite	1	NULL		86.711	2018
NAA6084	NAA6084-019	18	19	Illite	1	NULL		199.25	1649.2
NAA6084	NAA6084-020	19	20	Illite	1	NULL		243.11	1411.9
NAA6085	NAA6085-001	0	1	Illite	0.52	Kaolinite	0.48	213.84	1527.1
NAA6085	NAA6085-002	1	2	Halloysite	0.62	Nacrite	0.38	163.25	1123.1
NAA6085	NAA6085-003	2	3	Halloysite	1	NULL		276.51	1811.3
NAA6085	NAA6085-004	3	4	Halloysite	1	NULL		448.95	1476.2
NAA6085	NAA6085-005	4	5	Kaolinite	0.57	Illite	0.43	180.58	1855.4
NAA6085	NAA6085-006	5	6	Halloysite	1	NULL		313.52	2017.2
NAA6085	NAA6085-007	6	7	Halloysite	0.62	Illite	0.38	279.64	2465.7
NAA6085	NAA6085-008	7	8	Halloysite	1	NULL		264.36	2280
NAA6085	NAA6085-009	8	9	Halloysite	1	NULL		289.16	2986.2
NAA6085	NAA6085-010	9	10	Halloysite	1	NULL		397.19	2811.3
NAA6085	NAA6085-011	10	11	Illite	0.51	Kaolinite	0.49	125.45	1939.5
NAA6085	NAA6085-012	11	12	Illite	0.61	Kaolinite	0.39	360.84	1627.1
NAA6085	NAA6085-013	12	13	Illite	1	NULL		186.11	1928
NAA6085	NAA6085-014	13	14	Illite	1	NULL		376.98	1928.6
NAA6085	NAA6085-015	14	15	Illite	1	NULL		146.66	1040
NAA6086	NAA6086-001	0	1	Illite	0.55	WhiteMarker	0.45	817.69	674.6
NAA6086	NAA6086-002	1	2	Halloysite	1	NULL		483.71	1139
NAA6086	NAA6086-003	2	3	Kaolinite	0.65	WhiteMarker	0.35	302.59	731.7
NAA6086	NAA6086-004	3	4	Halloysite	0.55	YellowMarker	0.45	608.32	633.9
NAA6086	NAA6086-005	4	5	Halloysite	0.6	Kaolinite	0.4	115.63	1403
NAA6086	NAA6086-006	5	6	Halloysite	1	NULL		383.36	1517.9
NAA6086	NAA6086-007	6	7	Halloysite	0.6	Illite	0.4	98.12	1386.9
NAA6086	NAA6086-008	7	8	Halloysite	0.58	Paragonite	0.42	406.17	1146.2
NAA6086	NAA6086-009	8	9	Illite	0.61	Kaolinite	0.39	115.78	1725.2
NAA6087	NAA6087-001	0	1	Kaolinite	0.66	WhiteMarker	0.34	560.19	957.7
NAA6088	NAA6088-001	0	1	Halloysite	0.63	WhiteMarker	0.37	500.62	873.5
NAA6088	NAA6088-002	1	2	Halloysite	0.71	Dickite	0.29	188.47	1338.9
NAA6088	NAA6088-003	2	3	Halloysite	1	NULL		445.17	879.3
NAA6088	NAA6088-004	3	4	Halloysite	0.65	Dickite	0.35	216.29	1400.1
NAA6088	NAA6088-005	4	5	Halloysite	0.68	Dickite	0.32	202.66	1305.9
NAA6088	NAA6088-006	5	6	Halloysite	1	NULL		237.61	2447.6
NAA6088	NAA6088-007	6	7	Illite	0.55	Kaolinite	0.45	339.44	1664.8
NAA6089	NAA6089-001	0	1	Halloysite	0.83	YellowMarker	0.17	305.41	853.8

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
NAA6089	NAA6089-002	1	2	Halloysite	1	NULL		326.61	983.4
NAA6089	NAA6089-003	2	3	Halloysite	0.68	Dickite	0.32	198.48	1916
NAA6089	NAA6089-004	3	4	Halloysite	1	NULL		227.92	1368.5
NAA6089	NAA6089-005	4	5	Halloysite	1	NULL		526.67	2126.1
NAA6089	NAA6089-006	5	6	Halloysite	1	NULL		186.36	1910.3
NAA6090	NAA6090-001	0	1	Halloysite	1	NULL		296.1	1280.2
NAA6090	NAA6090-002	1	2	Illite	0.61	Halloysite	0.39	210.62	1442.6
NAA6090	NAA6090-003	2	3	Halloysite	0.81	WhiteMarker	0.19	278.1	882.4
NAA6090	NAA6090-004	3	4	Halloysite	0.75	YellowMarker	0.25	414.85	869.5
NAA6090	NAA6090-005	4	5	Halloysite	0.82	WhiteMarker	0.18	321.7	895.2
NAA6090	NAA6090-006	5	6	Halloysite	1	NULL		305.64	1476.8
NAA6090	NAA6090-007	6	7	Halloysite	0.73	Paragonite	0.27	98.972	1527.9
NAA6090	NAA6090-008	7	8	Halloysite	0.53	Illite	0.47	68.561	1857.5
NAA6090	NAA6090-009	8	9	Halloysite	0.69	WhiteMarker	0.31	337.32	657.7
NAA6090	NAA6090-010	9	10	Illite	0.66	Halloysite	0.34	79.612	1761.2
NAA6090	NAA6090-011	10	11	Illite	1	NULL		266.54	1483.4
NAA6090	NAA6090-012	11	12	Illite	1	NULL		221.8	1419.9
NAA6090	NAA6090-013	12	13	Illite	1	NULL		772.95	999.7
NAA6090	NAA6090-014	13	14	Illite	0.61	WhiteMarker	0.39	521.07	896.8
NAA6090	NAA6090-015	14	15	Muscovite	0.67	Kaolinite	0.33	117.49	1245.8
NAA6090	NAA6090-016	15	16	Illite	1	NULL		224.5	1667.4
NAA6090	NAA6090-017	16	17	Illite	1	NULL		287.6	1507.7
NAA6090	NAA6090-018	17	18	WhiteMarker	1	NULL		776.83	588.5
NAA6091	NAA6091-001	0	1	Halloysite	0.69	Illite	0.31	134.98	2356.8
NAA6091	NAA6091-002	1	2	Halloysite	1	NULL		307.77	1680.8
NAA6091	NAA6091-003	2	3	WhiteMarker	1	NULL		716.32	340.7
NAA6091	NAA6091-004	3	4	WhiteMarker	0.53	Dickite	0.47	542.52	714.7
NAA6091	NAA6091-005	4	5	WhiteMarker	0.63	Halloysite	0.37	273.42	713.5
NAA6091	NAA6091-006	5	6	Halloysite	1	NULL		266.46	2468.7
NAA6091	NAA6091-007	6	7	Halloysite	1	NULL		366.99	1300.3
NAA6091	NAA6091-008	7	8	Halloysite	0.73	Dickite	0.27	134.15	2249.7
NAA6091	NAA6091-009	8	9	Halloysite	0.75	Dickite	0.26	112.64	2673.6
NAA6091	NAA6091-010	9	10	Halloysite	1	NULL		160.75	2142.2
NAA6091	NAA6091-011	10	11	WhiteMarker	0.59	Illite	0.41	247.35	574.7
NAA6091	NAA6091-012	11	12	Illite	1	NULL		139.42	1643.5
NAA6092	NAA6092-001	0	1	Halloysite	0.65	WhiteMarker	0.35	411.14	938.8
NAA6092	NAA6092-002	1	2	Halloysite	0.67	Dickite	0.33	239.4	1936.3
NAA6092	NAA6092-003	2	3	Halloysite	1	NULL		320.03	1306.8
NAA6092	NAA6092-004	3	4	Dickite	0.54	WhiteMarker	0.47	228.6	689.1
NAA6092	NAA6092-005	4	5	Halloysite	0.74	IsaWhite	0.26	544.14	714.2
NAA6092	NAA6092-006	5	6	Halloysite	0.7	Dickite	0.3	167	1195.4
NAA6092	NAA6092-007	6	7	Halloysite	0.81	WhiteMarker	0.19	166.13	626.5
NAA6092	NAA6092-008	7	8	Halloysite	0.54	Kaolinite	0.46	100.62	1781.8
NAA6092	NAA6092-009	8	9	Halloysite	0.69	Dickite	0.3	182.71	1231.1
NAA6092	NAA6092-010	9	10	Halloysite	0.66	Dickite	0.34	244.56	1911.8
NAA6093	NAA6093-001	0	1	Halloysite	1	NULL		359.25	1002.9
NAA6093	NAA6093-002	1	2	Halloysite	0.62	Dickite	0.38	194.03	1135.5
NAA6093	NAA6093-003	2	3	Halloysite	1	NULL		272.5	1464.5
NAA6093	NAA6093-004	3	4	Halloysite	0.62	Dickite	0.38	250.6	1078.5
NAA6093	NAA6093-005	4	5	Halloysite	1	NULL		278.52	1386.8
NAA6093	NAA6093-006	5	6	Halloysite	0.84	IsaWhite	0.16	239.11	1165.5
NAA6093	NAA6093-007	6	7	Kaolinite	1	NULL		335.64	1765.6
NAA6093	NAA6093-008	7	8	Halloysite	1	NULL		310.6	2380.9
NAA6093	NAA6093-009	8	9	Halloysite	1	NULL		252.2	1818.9
NAA6093	NAA6093-010	9	10	Halloysite	1	NULL		329.73	1683
NAA6093	NAA6093-011	10	11	Dickite	1	NULL		1364.89	1081.6
NAA6093	NAA6093-012	11	12	Halloysite	0.53	Kaolinite	0.47	136.63	1942
NAA6093	NAA6093-013	12	13	Halloysite	0.53	Kaolinite	0.47	139.59	2053.6
NAA6093	NAA6093-014	13	14	Halloysite	1	NULL		320.65	958.7
NAA6093	NAA6093-015	14	15	Illite	0.78	WhiteMarker	0.22	78.989	636
NAA6093	NAA6093-016	15	16	Illite	0.61	Halloysite	0.39	64.049	1194.7
NAA6093	NAA6093-017	16	17	Illite	0.57	WhiteMarker	0.43	239.76	773.7
NAA6093	NAA6093-018	17	18	Illite	1	NULL		171.32	1558.7
NAA6093	NAA6093-019	18	19	Illite	0.73	Halloysite	0.27	124.2	1707.9

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
NAA6093	NAA6093-020	19	20	Illite	1	NULL		181.63	1594.2
NAA6093	NAA6093-021	20	21	Illite	1	NULL		267.03	1609.4
NAA6093	NAA6093-022	21	22	Illite	1	NULL		228.45	1688.9
NAA6093	NAA6093-023	22	23	Illite	0.66	Montmorillonite	0.34	86.306	1587.3
NAA6093	NAA6093-024	23	24	Aspectral		NULL		5000	888.5
NAA6093	NAA6093-025	24	25	Illite	1	NULL		423.44	1634.8
NAA6094	NAA6094-001	0	1	IsaWhite	0.53	Halloysite	0.47	438.41	616.2
NAA6094	NAA6094-002	1	2	Halloysite	0.81	IsaWhite	0.19	345.88	752.6
NAA6094	NAA6094-003	2	3	Halloysite	0.77	YellowMarker	0.23	240.72	772.1
NAA6094	NAA6094-004	3	4	Halloysite	0.61	Nacrite	0.39	107.03	1426.5
NAA6094	NAA6094-005	4	5	Halloysite	0.64	WhiteMarker	0.36	200.23	1146.8
NAA6094	NAA6094-006	5	6	Halloysite	0.64	Dickite	0.36	245.81	1485
NAA6094	NAA6094-007	6	7	Halloysite	0.61	Dickite	0.39	168.04	1427.4
NAA6094	NAA6094-008	7	8	Halloysite	1	NULL		381.63	1534.9
NAA6094	NAA6094-009	8	9	WhiteMarker	0.66	Dickite	0.34	391.86	542.5
NAA6094	NAA6094-010	9	10	Halloysite	0.73	WhiteMarker	0.27	711.35	781.8
NAA6094	NAA6094-011	10	11	Halloysite	1	NULL		393.31	2561.2
NAA6094	NAA6094-012	11	12	Halloysite	1	NULL		302.35	2462.6
NAA6094	NAA6094-013	12	13	Halloysite	1	NULL		234.36	1895.4
NAA6095	NAA6095-001	0	1	Halloysite	0.68	Dickite	0.33	233.67	2583
NAA6095	NAA6095-002	1	2	Halloysite	0.63	Dickite	0.38	186.27	1767.5
NAA6095	NAA6095-003	2	3	Halloysite	0.65	Dickite	0.35	175.51	1864.3
NAA6095	NAA6095-004	3	4	Halloysite	0.6	Dickite	0.4	166.45	1623
NAA6095	NAA6095-005	4	5	Halloysite	0.69	Dickite	0.31	167.52	1716.7
NAA6095	NAA6095-006	5	6	Kaolinite	1	NULL		207.26	2002
NAA6096	NAA6096-001	0	1	Halloysite	1	NULL		904.5	1476.4
NAA6096	NAA6096-002	1	2	Halloysite	1	NULL		663.69	1934.8
NAA6096	NAA6096-003	2	3	Halloysite	1	NULL		435.77	2327.9
NAA6096	NAA6096-004	3	4	Halloysite	1	NULL		292.11	2152.2
NAA6096	NAA6096-005	4	5	Dickite	1	NULL		741.31	1522.6
NAA6096	NAA6096-006	5	6	Halloysite	0.65	Dickite	0.35	163.3	1752.4
NAA6096	NAA6096-007	6	7	Halloysite	0.65	Dickite	0.35	209.73	1900.3
NAA6097	NAA6097-001	0	1	WhiteMarker	1	NULL		319.5	658.1
NAA6097	NAA6097-002	1	2	Halloysite	0.73	Gibbsite	0.27	156.21	1575
NAA6097	NAA6097-003	2	3	Halloysite	0.75	WhiteMarker	0.25	443.74	994.9
NAA6097	NAA6097-004	3	4	Halloysite	1	NULL		237.49	1259.5
NAA6098	NAA6098-001	0	1	Halloysite	1	NULL		714.16	2343.3
NAA6098	NAA6098-002	1	2	Halloysite	1	NULL		408.63	2764.3
NAA6098	NAA6098-003	2	3	Halloysite	1	NULL		407.7	2475.6
NAA6098	NAA6098-004	3	4	Halloysite	1	NULL		394.09	1337.6
NAA6098	NAA6098-005	4	5	Halloysite	1	NULL		268.35	3061.5
NAA6099	NAA6099-001	0	1	Halloysite	1	NULL		383.93	2525.5
NAA6099	NAA6099-002	1	2	Halloysite	0.59	WhiteMarker	0.41	681.31	664.2
NAA6099	NAA6099-003	2	3	Halloysite	1	NULL		411.92	1114.9
NAA6099	NAA6099-004	3	4	Halloysite	1	NULL		213.71	1778.4
NAA6099	NAA6099-005	4	5	Kaolinite	0.63	Halloysite	0.37	87.694	1538.7
NAA6099	NAA6099-006	5	6	Kaolinite	0.67	Halloysite	0.33	81.747	1630.5
NAA6099	NAA6099-007	6	7	Kaolinite	0.6	Halloysite	0.4	145.42	1119.6
NAA6099	NAA6099-008	7	8	Kaolinite	0.63	Halloysite	0.37	119.99	1099.7
NAA6099	NAA6099-009	8	9	Kaolinite	0.63	Halloysite	0.37	58.709	1997
NAA6099	NAA6099-010	9	10	Kaolinite	0.62	Halloysite	0.38	62.815	2016.3
NAA6099	NAA6099-011	10	11	Kaolinite	0.64	Halloysite	0.36	84.614	2978.1
NAA6099	NAA6099-012	11	12	Kaolinite	0.67	Halloysite	0.34	67.478	1885.6
NAA6099	NAA6099-013	12	13	Kaolinite	0.61	Halloysite	0.39	71.041	1744.4
NAA6099	NAA6099-014	13	14	Kaolinite	0.63	Halloysite	0.38	75.29	3067.5
NAA6099	NAA6099-015	14	15	Kaolinite	0.64	Halloysite	0.36	75.454	2089.4
NAA6099	NAA6099-016	15	16	Kaolinite	0.7	Montmorillonite	0.3	70.563	2160.7
NAA6099	NAA6099-017	16	17	Kaolinite	0.57	Halloysite	0.43	101.02	2264.8
NAA6099	NAA6099-018	17	18	Montmorillonite	0.52	Kaolinite	0.48	57.931	2083.6
NAA6099	NAA6099-019	18	19	Montmorillonite	0.59	Kaolinite	0.41	85.268	2452
NAA6099	NAA6099-020	19	20	Halloysite	0.53	Nonttronite	0.47	115.95	1689.3
NAA6099	NAA6099-021	20	21	MgChlorite	0.53	Montmorillonite	0.47	196.25	1120.5
NAA6099	NAA6099-022	21	22	IntChlorite	0.73	Montmorillonite	0.27	49.212	2045.7
NAA6100	NAA6100-001	0	1	Halloysite	1	NULL		516.15	1421.4

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
NAA6100	NAA6100-002	1	2	Halloysite	1	NULL		275.82	1519.1
NAA6100	NAA6100-003	2	3	Halloysite	1	NULL		226.46	1796.3
NAA6100	NAA6100-004	3	4	Kaolinite	0.52	Halloysite	0.48	146.02	1218.7
NAA6100	NAA6100-005	4	5	Kaolinite	0.54	Halloysite	0.46	104.49	1909.6
NAA6100	NAA6100-006	5	6	Kaolinite	0.52	Halloysite	0.48	74.54	2689.4
NAA6100	NAA6100-007	6	7	Kaolinite	0.58	Halloysite	0.42	85.014	2235.9
NAA6100	NAA6100-008	7	8	Kaolinite	0.54	Halloysite	0.46	119.58	1807.8
NAA6100	NAA6100-009	8	9	Kaolinite	0.58	Halloysite	0.42	88.635	2118.3
NAA6100	NAA6100-010	9	10	Kaolinite	0.76	WhiteMarker	0.24	330.72	862.9
NAA6100	NAA6100-011	10	11	Kaolinite	0.69	Montmorillonite	0.32	93.117	1888.9
NAA6100	NAA6100-012	11	12	Kaolinite	0.51	Halloysite	0.49	137.29	1910.4
NAA6101	NAA6101-001	0	1	Kaolinite	0.7	IsaWhite	0.3	2713.35	1142.3
NAA6101	NAA6101-002	1	2	Kaolinite	1	NULL		251.02	1204.9
NAA6101	NAA6101-003	2	3	Montmorillonite	0.52	Kaolinite	0.48	88.448	1529.1
NAA6101	NAA6101-004	3	4	Kaolinite	0.51	Montmorillonite	0.5	87.952	1119.6
NAA6101	NAA6101-005	4	5	Montmorillonite	0.5	Kaolinite	0.5	89.338	1706.6
NAA6101	NAA6101-006	5	6	Kaolinite	0.51	Montmorillonite	0.49	98.768	1950.3
NAA6101	NAA6101-007	6	7	Kaolinite	0.51	Montmorillonite	0.49	122.33	2073.7
NAA6101	NAA6101-008	7	8	Kaolinite	0.6	Nontronite	0.4	122.05	1926.8
NAA6101	NAA6101-009	8	9	Montmorillonite	0.55	Kaolinite	0.45	115.32	2285.2
NAA6101	NAA6101-010	9	10	Kaolinite	0.54	Montmorillonite	0.46	142.17	2388.2
NAA6101	NAA6101-011	10	11	Kaolinite	0.65	Nontronite	0.35	173.82	1684.6
NAA6101	NAA6101-012	11	12	Kaolinite	0.51	Montmorillonite	0.49	118.95	1820.3
NAA6101	NAA6101-013	12	13	Halloysite	0.55	Nontronite	0.45	155.64	2706.3
NAA6101	NAA6101-014	13	14	Halloysite	0.63	Nontronite	0.37	192.95	1619.7
NAA6101	NAA6101-015	14	15	Halloysite	0.58	Nontronite	0.42	161.7	2552.1
NAA6102	NAA6102-001	0	1	Kaolinite	1	NULL		780.97	1991.2
NAA6102	NAA6102-002	1	2	Kaolinite	0.61	Montmorillonite	0.39	151.69	1742.3
NAA6102	NAA6102-003	2	3	Kaolinite	0.56	Montmorillonite	0.44	80.685	1471.2
NAA6102	NAA6102-004	3	4	Kaolinite	0.58	Montmorillonite	0.42	65.792	1428.3
NAA6102	NAA6102-005	4	5	Halloysite	0.69	Nontronite	0.31	96.163	1240.3
NAA6103	NAA6103-001	0	1	Halloysite	0.73	IsaYellow	0.27	1454.97	1100.8
NAA6103	NAA6103-002	1	2	Halloysite	1	NULL		679.41	2122.1
NAA6103	NAA6103-003	2	3	Halloysite	0.71	Dickite	0.29	169.74	1766.3
NAA6103	NAA6103-004	3	4	Halloysite	0.8	Jarosite	0.2	209.48	1904.1
NAA6103	NAA6103-005	4	5	Halloysite	1	NULL		509.48	1680.3
NAA6103	NAA6103-006	5	6	Halloysite	1	NULL		1121.57	1402.4
NAA6104	NAA6104-001	0	1	Halloysite	1	NULL		738.11	1598.3
NAA6104	NAA6104-002	1	2	Halloysite	1	NULL		350.55	1590.3
NAA6104	NAA6104-003	2	3	Halloysite	1	NULL		222.5	1825.9
NAA6104	NAA6104-004	3	4	Kaolinite	0.52	Halloysite	0.48	118.46	2352.6
NAA6104	NAA6104-005	4	5	Halloysite	0.5	Kaolinite	0.5	137.79	1356.9
NAA6104	NAA6104-006	5	6	Kaolinite	0.58	Halloysite	0.42	79.944	1339.5
NAA6104	NAA6104-007	6	7	Kaolinite	0.72	Montmorillonite	0.28	65.084	2370.6
NAA6104	NAA6104-008	7	8	Kaolinite	0.63	Halloysite	0.37	77.026	1657.1
NAA6104	NAA6104-009	8	9	Kaolinite	0.57	Halloysite	0.43	73.967	1644.4
NAA6104	NAA6104-010	9	10	Kaolinite	0.61	Halloysite	0.39	87.279	1669.5
NAA6104	NAA6104-011	10	11	Kaolinite	0.66	Halloysite	0.34	93.127	1230.6
NAA6104	NAA6104-012	11	12	Kaolinite	0.67	Halloysite	0.33	69.025	2154.6
NAA6104	NAA6104-013	12	13	Kaolinite	0.61	Halloysite	0.39	81.28	1530.6
NAA6104	NAA6104-014	13	14	Kaolinite	0.55	Halloysite	0.45	57.745	1898.3
NAA6104	NAA6104-015	14	15	Halloysite	0.51	Kaolinite	0.49	48.37	1692.5
NAA6104	NAA6104-016	15	16	Kaolinite	0.52	Halloysite	0.48	55.872	1107.1
NAA6104	NAA6104-017	16	17	Kaolinite	0.56	Halloysite	0.44	61.563	1314.3
NAA6104	NAA6104-018	17	18	Kaolinite	0.56	Halloysite	0.44	57.39	1289.7
NAA6104	NAA6104-019	18	19	Kaolinite	0.56	Halloysite	0.45	62.684	1769.8
NAA6104	NAA6104-020	19	20	Halloysite	0.54	Kaolinite	0.46	81.547	2088.8
NAA6104	NAA6104-021	20	21	Kaolinite	0.51	Halloysite	0.5	59.996	1526.5
NAA6105	NAA6105-001	0	1	WhiteMarker	1	NULL		469.44	570.5
NAA6105	NAA6105-002	1	2	Kaolinite	0.56	Halloysite	0.44	136.18	1577.4
NAA6105	NAA6105-003	2	3	Kaolinite	0.65	Montmorillonite	0.35	67.148	1680.1
NAA6105	NAA6105-004	3	4	Kaolinite	0.65	Montmorillonite	0.35	59.725	1001.3
NAA6105	NAA6105-005	4	5	Kaolinite	0.53	Montmorillonite	0.47	74.428	1022.3
NAA6105	NAA6105-006	5	6	Kaolinite	0.57	Halloysite	0.43	84.092	1473

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
NAA6105	NAA6105-007	6	7	Kaolinite	0.62	WhiteMarker	0.38	158.88	504.3
NAA6105	NAA6105-008	7	8	Kaolinite	0.6	Halloysite	0.4	91.061	1286.1
NAA6105	NAA6105-009	8	9	Kaolinite	0.6	Halloysite	0.4	76.784	1541.7
NAA6105	NAA6105-010	9	10	Kaolinite	0.72	Montmorillonite	0.28	65.692	2037.4
NAA6105	NAA6105-011	10	11	Kaolinite	0.59	Montmorillonite	0.41	57.834	1386
NAA6105	NAA6105-012	11	12	WhiteMarker	0.54	Kaolinite	0.46	411.11	522.9
NAA6105	NAA6105-013	12	13	Montmorillonite	0.53	Kaolinite	0.47	212.25	731.3
NAA6105	NAA6105-014	13	14	WhiteMarker	0.55	Kaolinite	0.45	314.84	465.3
NAA6105	NAA6105-015	14	15	WhiteMarker	0.63	Halloysite	0.37	452.71	536.6
NAA6105	NAA6105-016	15	16	Halloysite	0.6	Nontronite	0.4	193.94	870.6
NAA6105	NAA6105-017	16	17	Halloysite	0.53	Nontronite	0.47	325.13	726.6
NAA6105	NAA6105-018	17	18	Nontronite	0.55	Halloysite	0.45	169.63	1488.8
NAA6105	NAA6105-019	18	19	Kaolinite	0.54	Montmorillonite	0.46	151.24	857.5
NAA6105	NAA6105-020	19	20	Kaolinite	0.53	Montmorillonite	0.47	63.729	2188.4
NAA6105	NAA6105-021	20	21	Montmorillonite	0.54	Kaolinite	0.46	82.305	2096.5
NAA6105	NAA6105-022	21	22	Halloysite	0.54	Nontronite	0.46	142.81	1336
NAA6105	NAA6105-023	22	23	Montmorillonite	0.6	Kaolinite	0.4	178.24	2067.1
NAA6105	NAA6105-024	23	24	Kaolinite	0.54	Montmorillonite	0.46	89.947	2200.9
NAA6105	NAA6105-025	24	25	Montmorillonite	0.6	Kaolinite	0.4	105.91	1985.5
NAA6105	NAA6105-026	25	26	Montmorillonite	0.57	Kaolinite	0.42	109.5	1532.6
NAA6105	NAA6105-027	26	27	Montmorillonite	0.55	Kaolinite	0.45	96.084	1886.5
NAA6106	NAA6106-001	0	1	Kaolinite	1	NULL		169.68	1615.4
NAA6106	NAA6106-002	1	2	Halloysite	1	NULL		451.53	881.6
NAA6106	NAA6106-003	2	3	Kaolinite	0.62	Halloysite	0.38	125.2	2483.1
NAA6106	NAA6106-004	3	4	Kaolinite	0.63	Halloysite	0.37	95.594	1223.1
NAA6106	NAA6106-005	4	5	Kaolinite	0.64	Halloysite	0.36	107.84	1409.2
NAA6106	NAA6106-006	5	6	Kaolinite	0.67	Halloysite	0.33	87.723	1241.6
NAA6106	NAA6106-007	6	7	Kaolinite	0.58	Halloysite	0.41	77.214	1223.9
NAA6106	NAA6106-008	7	8	Kaolinite	0.64	Halloysite	0.36	96.312	1761.5
NAA6106	NAA6106-009	8	9	Kaolinite	0.68	Halloysite	0.32	79.207	1266.3
NAA6106	NAA6106-010	9	10	Kaolinite	0.64	Halloysite	0.36	62.377	1868.1
NAA6106	NAA6106-011	10	11	Kaolinite	0.64	Halloysite	0.36	72.011	1973.4
NAA6106	NAA6106-012	11	12	Kaolinite	0.63	Halloysite	0.37	90.008	2672.4
NAA6106	NAA6106-013	12	13	Kaolinite	0.65	Halloysite	0.35	96.304	1268.2
NAA6106	NAA6106-014	13	14	Kaolinite	0.68	Montmorillonite	0.33	53.306	1818.9
NAA6106	NAA6106-015	14	15	Kaolinite	0.52	Montmorillonite	0.48	133.86	1254
NAA6106	NAA6106-016	15	16	Kaolinite	0.53	Montmorillonite	0.47	169.47	1446.9
NAA6106	NAA6106-017	16	17	Halloysite	1	NULL		361.16	1336.3
NAA6106	NAA6106-018	17	18	Opal	0.78	WhiteMarker	0.23	601.19	759.2
NAA6106	NAA6106-019	18	19	Montmorillonite	0.54	Nontronite	0.46	317.3	1221.8
NAA6107	NAA6107-001	0	1	Halloysite	1	NULL		284.48	1703.2
NAA6107	NAA6107-002	1	2	Halloysite	1	NULL		151.46	1324.4
NAA6107	NAA6107-003	2	3	Montmorillonite	0.62	Kaolinite	0.38	108.98	1011.2
NAA6107	NAA6107-004	3	4	Nontronite	0.54	Halloysite	0.46	150.87	986.9
NAA6107	NAA6107-005	4	5	Nontronite	0.56	Halloysite	0.44	158.27	1007.5
NAA6107	NAA6107-006	5	6	Montmorillonite	0.7	Kaolinite	0.3	88.469	1765.1
NAA6107	NAA6107-007	6	7	Montmorillonite	0.71	Nontronite	0.29	104.26	1594.1
NAA6107	NAA6107-008	7	8	Montmorillonite	0.66	Kaolinite	0.34	174.58	973
NAA6107	NAA6107-009	8	9	Montmorillonite	0.72	Kaolinite	0.28	134.94	1077
NAA6107	NAA6107-010	9	10	Nontronite	1	NULL		630.07	775.7
NAA6107	NAA6107-011	10	11	Montmorillonite	0.55	Wood	0.45	125.24	1393.7
NAA6107	NAA6107-012	11	12	Aspectral	NULL			5000	807.4
NAA6107	NAA6107-013	12	13	Aspectral	NULL			5000	1064
NAA6108	NAA6108-001	0	1	Halloysite	1	NULL		386.37	1469.2
NAA6108	NAA6108-002	1	2	Halloysite	1	NULL		423.98	1270.2
NAA6108	NAA6108-003	2	3	Halloysite	1	NULL		232.05	1390.8
NAA6108	NAA6108-004	3	4	Halloysite	0.56	Kaolinite	0.44	98.053	1658.9
NAA6108	NAA6108-005	4	5	Kaolinite	0.52	Halloysite	0.48	116.38	1974.2
NAA6108	NAA6108-006	5	6	Kaolinite	0.66	Montmorillonite	0.34	75.853	1742.6
NAA6108	NAA6108-007	6	7	Kaolinite	0.64	Montmorillonite	0.36	93.845	2124
NAA6108	NAA6108-008	7	8	Kaolinite	0.6	Montmorillonite	0.4	88.011	1515.7
NAA6108	NAA6108-009	8	9	Halloysite	0.63	Nontronite	0.38	189.06	1808.9
NAA6108	NAA6108-010	9	10	Aspectral	NULL			5000	668.5
NAA6109	NAA6109-001	0	1	Halloysite	1	NULL		933.82	1607.7

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
NAA6109	NAA6109-002	1	2	Halloysite	1	NULL		198.6	1692.5
NAA6109	NAA6109-003	2	3	Kaolinite	0.59	WhiteMarker	0.41	253.5	461.6
NAA6109	NAA6109-004	3	4	Kaolinite	0.64	Halloysite	0.36	58.25	1894.8
NAA6109	NAA6109-005	4	5	Kaolinite	0.62	Halloysite	0.38	52.386	1732.8
NAA6109	NAA6109-006	5	6	Kaolinite	0.6	Halloysite	0.4	59.037	1927.1
NAA6109	NAA6109-007	6	7	Kaolinite	0.64	Halloysite	0.36	55.402	2309.9
NAA6109	NAA6109-008	7	8	Kaolinite	0.64	Halloysite	0.36	59.389	1830
NAA6109	NAA6109-009	8	9	Kaolinite	0.66	Halloysite	0.34	59.668	1978.2
NAA6109	NAA6109-010	9	10	Kaolinite	0.64	Halloysite	0.36	115	1167.8
NAA6109	NAA6109-011	10	11	Kaolinite	0.67	Halloysite	0.33	83.688	1861.8
NAA6109	NAA6109-012	11	12	Kaolinite	0.65	Halloysite	0.35	62.364	2242.9
NAA6109	NAA6109-013	12	13	Kaolinite	0.58	Halloysite	0.42	96.656	2333.7
NAA6109	NAA6109-014	13	14	Kaolinite	1	NULL		117.71	2019.7
NAA6109	NAA6109-015	14	15	Kaolinite	0.68	Halloysite	0.32	89.413	1701.4
NAA6109	NAA6109-016	15	16	Kaolinite	1	NULL		198.14	1657.4
NAA6109	NAA6109-017	16	17	Kaolinite	1	NULL		151.47	1371.2
NAA6109	NAA6109-018	17	18	Kaolinite	1	NULL		153.79	1455.5
NAA6109	NAA6109-019	18	19	Kaolinite	1	NULL		136.88	1241.9
NAA6109	NAA6109-020	19	20	Kaolinite	1	NULL		322	1088.4
NAA6109	NAA6109-021	20	21	Kaolinite	1	NULL		134.98	1646.1
NAA6109	NAA6109-022	21	22	Kaolinite	1	NULL		155.6	1745.9
NAA6109	NAA6109-023	22	23	Kaolinite	0.68	Muscovite	0.32	115.28	2261.6
NAA6109	NAA6109-024	23	24	Kaolinite	0.71	Muscovite	0.29	145.26	1717.1
NAA6109	NAA6109-025	24	25	Kaolinite	0.7	Muscovite	0.3	122.62	1910.8
NAA6109	NAA6109-026	25	26	Kaolinite	0.69	Muscovite	0.31	161.12	1515.9
NAA6109	NAA6109-027	26	27	Kaolinite	1	NULL		204.77	1663
NAA6109	NAA6109-028	27	28	Kaolinite	1	NULL		291.13	1410.9
NAA6109	NAA6109-029	28	29	Kaolinite	1	NULL		229.47	1337.5
NAA6109	NAA6109-030	29	30	Kaolinite	1	NULL		283.37	1726.6
NAA6109	NAA6109-031	30	31	Kaolinite	1	NULL		407.44	1553
NAA6109	NAA6109-032	31	32	Wood	0.67	Halloysite	0.33	113.77	2530
NAA6109	NAA6109-033	32	33	Kaolinite	0.55	Illite	0.45	286.66	1211
NAA6109	NAA6109-034	33	34	Halloysite	1	NULL		435.99	1100
NAA6109	NAA6109-035	34	35	Kaolinite	0.62	Muscovite	0.38	88.78	1641
NAA6109	NAA6109-036	35	36	Kaolinite	0.72	Muscovite	0.28	120.5	1862.6
NAA6109	NAA6109-037	36	37	Kaolinite	0.76	Muscovite	0.24	104.68	1758.5
NAA6109	NAA6109-038	37	38	Kaolinite	0.7	Muscovite	0.3	123.89	1935.2
NAA6109	NAA6109-039	38	39	Kaolinite	1	NULL		178.73	1657.3
NAA6110	NAA6110-001	0	1	Kaolinite	1	NULL		271.13	1437.8
NAA6110	NAA6110-002	1	2	Kaolinite	1	NULL		190.81	1561
NAA6110	NAA6110-003	2	3	Kaolinite	0.52	Halloysite	0.48	114.79	1608.1
NAA6110	NAA6110-004	3	4	Halloysite	0.59	Dickite	0.41	285.11	1342.5
NAA6110	NAA6110-005	4	5	Kaolinite	1	NULL		436.18	2414.8
NAA6110	NAA6110-006	5	6	Kaolinite	0.57	Halloysite	0.43	114.29	1518.2
NAA6110	NAA6110-007	6	7	Halloysite	1	NULL		189.19	1255
NAA6110	NAA6110-008	7	8	Kaolinite	0.57	Halloysite	0.42	67.834	1786.8
NAA6110	NAA6110-009	8	9	Kaolinite	0.67	Halloysite	0.33	66.843	1319.8
NAA6110	NAA6110-010	9	10	Kaolinite	0.65	Halloysite	0.35	49.859	2093.8
NAA6110	NAA6110-011	10	11	Kaolinite	0.67	Halloysite	0.33	53.549	1537.5
NAA6110	NAA6110-012	11	12	Kaolinite	0.66	Halloysite	0.34	43.956	1300.4
NAA6110	NAA6110-013	12	13	Kaolinite	0.59	Halloysite	0.41	71.483	1393.4
NAA6110	NAA6110-014	13	14	Kaolinite	0.6	Halloysite	0.4	53.852	1282.8
NAA6110	NAA6110-015	14	15	Kaolinite	0.6	Halloysite	0.4	57.369	1549.2
NAA6110	NAA6110-016	15	16	Kaolinite	0.63	Halloysite	0.37	57.355	2311.6
NAA6110	NAA6110-017	16	17	Kaolinite	0.62	Halloysite	0.38	71.729	1993.1
NAA6110	NAA6110-018	17	18	Kaolinite	0.51	Halloysite	0.49	87.173	1997.4
NAA6110	NAA6110-019	18	19	Kaolinite	0.61	Montmorillonite	0.39	70.539	1213.7
NAA6110	NAA6110-020	19	20	Kaolinite	0.51	Montmorillonite	0.49	48.782	1236.7
NAA6110	NAA6110-021	20	21	Wood	0.73	Opal	0.27	41.536	2004.9
NAA6110	NAA6110-022	21	22	Montmorillonite	0.59	Kaolinite	0.41	42.239	1778.5
NAA6110	NAA6110-023	22	23	Kaolinite	0.58	Montmorillonite	0.41	42.005	1619.9
NAA6110	NAA6110-024	23	24	Montmorillonite	0.67	Kaolinite	0.33	46.979	1555.4
NAA6110	NAA6110-025	24	25	Montmorillonite	0.66	Kaolinite	0.34	64.93	1610.5
NAA6110	NAA6110-026	25	26	Montmorillonite	0.69	Kaolinite	0.31	65.706	1381.7

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
NAA6110	NAA6110-027	26	27	Kaolinite	0.62	Montmorillonite	0.38	45.515	2225.6
NAA6111	NAA6111-001	0	1	Halloysite	1	NULL		273.48	1044.2
NAA6111	NAA6111-002	1	2	Halloysite	1	NULL		224.75	1604.2
NAA6111	NAA6111-003	2	3	Montmorillonite	0.73	Kaolinite	0.27	45.568	1403
NAA6111	NAA6111-004	3	4	Montmorillonite	0.71	Kaolinite	0.29	57.398	1324.5
NAA6111	NAA6111-005	4	5	Kaolinite	0.55	Montmorillonite	0.45	59.355	1691.3
NAA6111	NAA6111-006	5	6	Kaolinite	0.63	Montmorillonite	0.37	61.508	2062.8
NAA6111	NAA6111-007	6	7	Kaolinite	0.65	Montmorillonite	0.35	56.884	1689.4
NAA6111	NAA6111-008	7	8	Kaolinite	0.61	Montmorillonite	0.39	54.937	1387.7
NAA6111	NAA6111-009	8	9	Kaolinite	0.64	Montmorillonite	0.36	55.026	2446.5
NAA6111	NAA6111-010	9	10	Kaolinite	0.67	Montmorillonite	0.33	64.157	1696.6
NAA6111	NAA6111-011	10	11	Kaolinite	0.59	Montmorillonite	0.41	89.287	1680.9
NAA6111	NAA6111-012	11	12	Montmorillonite	0.54	Kaolinite	0.46	90.56	1637.2
NAA6111	NAA6111-013	12	13	Kaolinite	0.55	Opal	0.45	112.74	1294.6
NAA6112	NAA6112-001	0	1	Kaolinite	0.68	Montmorillonite	0.32	156.23	1218.8
NAA6112	NAA6112-002	1	2	Kaolinite	0.51	Halloysite	0.49	167.92	1478.1
NAA6112	NAA6112-003	2	3	Kaolinite	0.63	Halloysite	0.37	132.37	1503.2
NAA6112	NAA6112-004	3	4	Kaolinite	0.59	Halloysite	0.41	65.922	1920.6
NAA6112	NAA6112-005	4	5	Kaolinite	0.69	Montmorillonite	0.31	61.628	1575.5
NAA6112	NAA6112-006	5	6	Kaolinite	0.57	Halloysite	0.43	117.44	1655.1
NAA6112	NAA6112-007	6	7	Kaolinite	0.61	Montmorillonite	0.39	51.071	1535.2
NAA6112	NAA6112-008	7	8	Kaolinite	0.59	Montmorillonite	0.41	49.613	2031.5
NAA6112	NAA6112-009	8	9	Kaolinite	0.51	Montmorillonite	0.49	58.493	1540.8
NAA6112	NAA6112-010	9	10	Kaolinite	0.52	Montmorillonite	0.48	59.335	1225.2
NAA6112	NAA6112-011	10	11	Kaolinite	0.56	Montmorillonite	0.44	68.255	1839.4
NAA6112	NAA6112-012	11	12	Kaolinite	0.53	Montmorillonite	0.47	50.86	2058.7
NAA6113	NAA6113-001	0	1	Halloysite	1	NULL		630.61	1504.4
NAA6113	NAA6113-002	1	2	Kaolinite	0.65	Halloysite	0.35	117.19	1815.6
NAA6113	NAA6113-003	2	3	Kaolinite	0.58	Halloysite	0.42	91.881	1568
NAA6113	NAA6113-004	3	4	Kaolinite	0.55	Halloysite	0.45	84.056	1982.7
NAA6113	NAA6113-005	4	5	Kaolinite	0.53	Halloysite	0.47	91.147	1655.7
NAA6113	NAA6113-006	5	6	Kaolinite	0.53	Halloysite	0.47	88.736	1328.9
NAA6113	NAA6113-007	6	7	Kaolinite	0.53	Halloysite	0.47	93.167	1615.7
NAA6113	NAA6113-008	7	8	Kaolinite	0.54	Halloysite	0.47	83.699	1891.4
NAA6113	NAA6113-009	8	9	Kaolinite	0.64	Montmorillonite	0.36	86.344	1483
NAA6113	NAA6113-010	9	10	Kaolinite	0.6	Montmorillonite	0.4	73.238	1525.5
NAA6113	NAA6113-011	10	11	Kaolinite	0.63	Montmorillonite	0.37	73.691	2589.8
NAA6113	NAA6113-012	11	12	Kaolinite	0.56	Montmorillonite	0.44	93.78	1423.1
NAA6114	NAA6114-001	0	1	Halloysite	0.52	Kaolinite	0.48	150.89	1932.6
NAA6114	NAA6114-002	1	2	Kaolinite	0.6	Montmorillonite	0.4	74.063	1789.8
NAA6114	NAA6114-003	2	3	Montmorillonite	0.58	Kaolinite	0.42	45.042	1213.7
NAA6114	NAA6114-004	3	4	Montmorillonite	0.56	Kaolinite	0.44	41.557	1780.8
NAA6114	NAA6114-005	4	5	Montmorillonite	0.69	Kaolinite	0.31	57.138	1529.1
NAA6114	NAA6114-006	5	6	Montmorillonite	0.62	Kaolinite	0.38	88.228	1112
NAA6114	NAA6114-007	6	7	Montmorillonite	0.56	Kaolinite	0.44	65.884	1576
NAA6114	NAA6114-008	7	8	Kaolinite	0.58	Montmorillonite	0.42	60.768	2225.2
NAA6114	NAA6114-009	8	9	Opal	0.62	Kaolinite	0.38	54.279	1877.4
NAA6115	NAA6115-001	0	1	WhiteMarker	1	NULL		1067.84	976.7
NAA6115	NAA6115-002	1	2	Halloysite	0.54	Illite	0.46	219.78	1369.8
NAA6115	NAA6115-003	2	3	Halloysite	0.5	Montmorillonite	0.5	116.23	1504.6
NAA6115	NAA6115-004	3	4	Montmorillonite	0.52	Kaolinite	0.48	67.663	1691
NAA6115	NAA6115-005	4	5	Montmorillonite	0.6	Kaolinite	0.4	50.811	1353
NAA6115	NAA6115-006	5	6	Montmorillonite	1	NULL		59.7	1530.1
NAA6115	NAA6115-007	6	7	Montmorillonite	1	NULL		132.74	597.4
NAA6115	NAA6115-008	7	8	Montmorillonite	0.76	Nontronite	0.24	106.08	1107.6
NAA6115	NAA6115-009	8	9	Montmorillonite	0.79	Nontronite	0.21	50.481	1388.8
NAA6115	NAA6115-010	9	10	Montmorillonite	0.71	Kaolinite	0.29	100.6	1765.3
NAA6115	NAA6115-011	10	11	Montmorillonite	0.67	Kaolinite	0.33	143.1	1363.3
NAA6115	NAA6115-012	11	12	Halloysite	0.52	Nontronite	0.48	125.96	1881.6
NAA6115	NAA6115-013	12	13	Montmorillonite	0.64	Kaolinite	0.36	136.06	1618.5
NAA6115	NAA6115-014	13	14	Montmorillonite	0.6	Nontronite	0.4	120.11	1818.5
NAA6115	NAA6115-015	14	15	Montmorillonite	1	NULL		1532.73	596.7
NAA6116	NAA6116-001	0	1	Halloysite	1	NULL		426.69	1387.4
NAA6116	NAA6116-002	1	2	Halloysite	1	NULL		350.27	1549.1

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
NAA6116	NAA6116-003	2	3	Montmorillonite	0.54	Halloysite	0.46	190.45	1104.6
NAA6116	NAA6116-004	3	4	Montmorillonite	0.81	Kaolinite	0.19	78.081	1342.1
NAA6116	NAA6116-005	4	5	Montmorillonite	0.6	WhiteMarker	0.4	439.25	401.7
NAA6116	NAA6116-006	5	6	Montmorillonite	1	NULL		343.32	773.1
NAA6116	NAA6116-007	6	7	Montmorillonite	0.71	MgChlorite	0.29	59.504	1339.8
NAA6116	NAA6116-008	7	8	Montmorillonite	0.62	IntChlorite	0.38	94.709	757.2
NAA6116	NAA6116-009	8	9	Montmorillonite	0.59	IntChlorite	0.41	105.81	830.8
NAA6116	NAA6116-010	9	10	Montmorillonite	0.73	Nontronite	0.27	102.67	954.1
NAA6116	NAA6116-011	10	11	Montmorillonite	0.83	YellowMarker	0.17	344.34	446.5
NAA6116	NAA6116-012	11	12	Montmorillonite	0.73	Nontronite	0.27	63.023	1266.3
NAA6116	NAA6116-013	12	13	Montmorillonite	0.71	Nontronite	0.29	116.89	1557.8
NAA6116	NAA6116-014	13	14	Montmorillonite	0.65	MgChlorite	0.35	93.744	1121.6
NAA6116	NAA6116-015	14	15	IntChlorite	0.66	Montmorillonite	0.34	60.108	1059.2
NAA6117	NAA6117-001	0	1	Montmorillonite	1	NULL		136.48	1041.8
NAA6117	NAA6117-002	1	2	Montmorillonite	1	NULL		184.98	1728.5
NAA6117	NAA6117-003	2	3	Montmorillonite	0.77	Nontronite	0.23	76.718	1431.7
NAA6117	NAA6117-004	3	4	Montmorillonite	0.68	Nontronite	0.32	186.7	1888.3
NAA6117	NAA6117-005	4	5	Aspectral	NULL			5000	614.6
NAA6117	NAA6117-006	5	6	Nontronite	1	NULL		588.4	713.9
NAA6117	NAA6117-007	6	7	Montmorillonite	1	NULL		261.37	1075.8
NAA6117	NAA6117-008	7	8	Montmorillonite	0.6	Nontronite	0.4	125.92	1264.9
NAA6117	NAA6117-009	8	9	Montmorillonite	0.59	Nontronite	0.41	336.31	877
NAA6117	NAA6117-010	9	10	Nontronite	1	NULL		919.63	651.1
NAA6118	NAA6118-001	0	1	WhiteMarker	0.7	Dickite	0.3	321.94	643.9
NAA6118	NAA6118-002	1	2	Halloysite	1	NULL		608.93	1082.3
NAA6118	NAA6118-003	2	3	Halloysite	0.73	IsaWhite	0.27	773.38	972.2
NAA6118	NAA6118-004	3	4	WhiteMarker	1	NULL		1569.35	480.9
NAA6118	NAA6118-005	4	5	Montmorillonite	0.71	Kaolinite	0.29	150.22	1266.4
NAA6118	NAA6118-006	5	6	Halloysite	1	NULL		519.04	700.9
NAA6119	NAA6119-001	0	1	Halloysite	1	NULL		438.61	1327.5
NAA6119	NAA6119-002	1	2	Halloysite	1	NULL		258.87	1515.8
NAA6119	NAA6119-003	2	3	Halloysite	1	NULL		693.13	1326.1
NAA6119	NAA6119-004	3	4	Halloysite	1	NULL		408.05	1250.6
NAA6119	NAA6119-005	4	5	Halloysite	1	NULL		258.37	1311.8
NAA6119	NAA6119-006	5	6	Halloysite	1	NULL		235.53	1288.3
NAA6119	NAA6119-007	6	7	Kaolinite	1	NULL		392.62	1428.7
NAA6119	NAA6119-008	7	8	Kaolinite	1	NULL		166.43	1529.1
NAA6119	NAA6119-009	8	9	Kaolinite	1	NULL		187.68	1138.8
NAA6119	NAA6119-010	9	10	Kaolinite	0.69	Halloysite	0.31	100.69	1206.6
NAA6119	NAA6119-011	10	11	Kaolinite	0.69	Halloysite	0.31	94.205	1151
NAA6119	NAA6119-012	11	12	Kaolinite	0.7	Halloysite	0.3	79.509	1154.5
NAA6119	NAA6119-013	12	13	Kaolinite	1	NULL		124.23	1023.2
NAA6119	NAA6119-014	13	14	Kaolinite	0.64	Halloysite	0.36	68.402	1205.8
NAA6119	NAA6119-015	14	15	Kaolinite	1	NULL		183.17	1127.1
NAA6119	NAA6119-016	15	16	Kaolinite	1	NULL		166.2	1053.7
NAA6119	NAA6119-017	16	17	Kaolinite	0.65	Halloysite	0.35	68.764	1006.2
NAA6119	NAA6119-018	17	18	Kaolinite	0.68	Halloysite	0.32	65.093	1815
NAA6119	NAA6119-019	18	19	Kaolinite	1	NULL		116.4	1133.2
NAA6119	NAA6119-020	19	20	Kaolinite	0.55	Halloysite	0.45	75.193	1512
NAA6119	NAA6119-021	20	21	Halloysite	1	NULL		264.47	1024.4
NAA6119	NAA6119-022	21	22	Halloysite	0.68	Nontronite	0.32	195.83	772.9
NAA6120	NAA6120-001	0	1	Halloysite	1	NULL		621.3	1743.7
NAA6120	NAA6120-002	1	2	Halloysite	1	NULL		364.58	1701.3
NAA6120	NAA6120-003	2	3	Halloysite	0.65	Dickite	0.35	252.78	2240.2
NAA6120	NAA6120-004	3	4	Halloysite	1	NULL		233.7	1923.2
NAA6120	NAA6120-005	4	5	Halloysite	1	NULL		376.2	1071.2
NAA6120	NAA6120-006	5	6	Halloysite	1	NULL		525.14	998.9
NAA6120	NAA6120-007	6	7	Kaolinite	0.5	Halloysite	0.5	188.58	1145.5
NAA6120	NAA6120-008	7	8	Kaolinite	0.63	Halloysite	0.37	75.941	1412.2
NAA6120	NAA6120-009	8	9	Kaolinite	0.66	Halloysite	0.34	74.834	1081.1
NAA6120	NAA6120-010	9	10	Kaolinite	1	NULL		136.04	955.9
NAA6120	NAA6120-011	10	11	Kaolinite	0.69	Halloysite	0.31	98.662	1128.9
NAA6120	NAA6120-012	11	12	Kaolinite	1	NULL		146.96	1662.8
NAA6120	NAA6120-013	12	13	Kaolinite	0.66	Halloysite	0.34	110.23	1393

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
NAA6120	NAA6120-014	13	14	Kaolinite	0.67	Halloysite	0.34	100.15	1232.1
NAA6120	NAA6120-015	14	15	Kaolinite	0.53	Halloysite	0.47	61.797	1453.6
NAA6120	NAA6120-016	15	16	Dark		NULL		5000	203.7
NAA6120	NAA6120-017	16	17	Halloysite	0.61	WhiteMarker	0.39	959.58	478.4
NAA6120	NAA6120-018	17	18	Kaolinite	0.62	Montmorillonite	0.38	71.165	1641
NAA6120	NAA6120-019	18	19	Kaolinite	0.6	Montmorillonite	0.4	96.342	1171.2
NAA6120	NAA6120-020	19	20	Kaolinite	0.51	Montmorillonite	0.49	70.003	1014.4
NAA6120	NAA6120-021	20	21	Montmorillonite	0.52	Kaolinite	0.48	48.395	1890.4
NAA6120	NAA6120-022	21	22	Kaolinite	0.55	Montmorillonite	0.45	59.135	1773.8
NAA6120	NAA6120-023	22	23	Montmorillonite	0.67	Kaolinite	0.33	61.925	1451.9
NAA6120	NAA6120-024	23	24	Kaolinite	0.52	Montmorillonite	0.48	96.938	1184.5
NAA6121	NAA6121-001	0	1	Halloysite	1	NULL		365.51	1332.4
NAA6121	NAA6121-002	1	2	Kaolinite	0.65	Illite	0.35	191.34	1328.5
NAA6121	NAA6121-003	2	3	Halloysite	0.82	WhiteMarker	0.18	381.03	1192.1
NAA6121	NAA6121-004	3	4	Halloysite	1	NULL		442.68	1335.4
NAA6121	NAA6121-005	4	5	Halloysite	1	NULL		245.52	1195.8
NAA6121	NAA6121-006	5	6	Halloysite	0.69	Dickite	0.31	136.19	956.7
NAA6121	NAA6121-007	6	7	Halloysite	0.54	Kaolinite	0.46	164.48	1321.4
NAA6121	NAA6121-008	7	8	Kaolinite	0.62	Montmorillonite	0.38	71.5	981
NAA6121	NAA6121-009	8	9	Kaolinite	0.68	Montmorillonite	0.32	89.64	939
NAA6121	NAA6121-010	9	10	Kaolinite	0.64	Montmorillonite	0.36	63.526	1119.9
NAA6121	NAA6121-011	10	11	Kaolinite	0.59	Montmorillonite	0.41	56.879	2051.1
NAA6121	NAA6121-012	11	12	Montmorillonite	0.51	Kaolinite	0.49	226.22	939.6
NAA6121	NAA6121-013	12	13	Kaolinite	0.54	Montmorillonite	0.46	212.34	718.5
NAA6121	NAA6121-014	13	14	Montmorillonite	0.56	Kaolinite	0.44	162.06	1054.2
NAA6122	NAA6122-001	0	1	Halloysite	1	NULL		401.71	1664.7
NAA6122	NAA6122-002	1	2	Halloysite	1	NULL		578.33	1089.3
NAA6122	NAA6122-003	2	3	Halloysite	1	NULL		267.02	1358.2
NAA6122	NAA6122-004	3	4	Montmorillonite	0.6	Kaolinite	0.4	219.17	1104.7
NAA6122	NAA6122-005	4	5	Montmorillonite	0.67	Kaolinite	0.33	140.38	1190.3
NAA6122	NAA6122-006	5	6	Halloysite	0.65	Nontronite	0.35	153.35	787.7
NAA6123	NAA6123-001	0	1	Halloysite	1	NULL		295.13	1244.3
NAA6123	NAA6123-002	1	2	Halloysite	1	NULL		574.69	1192.9
NAA6123	NAA6123-003	2	3	Halloysite	1	NULL		194.42	1042.4
NAA6123	NAA6123-004	3	4	Kaolinite	0.54	Halloysite	0.46	97.993	1480.2
NAA6123	NAA6123-005	4	5	Kaolinite	0.54	Halloysite	0.46	68.002	1499.2
NAA6123	NAA6123-006	5	6	Kaolinite	0.58	Halloysite	0.42	92.393	1607.8
NAA6123	NAA6123-007	6	7	Kaolinite	0.55	Halloysite	0.45	124.57	1327.8
NAA6123	NAA6123-008	7	8	Kaolinite	1	NULL		303.05	1264.1
NAA6123	NAA6123-009	8	9	Kaolinite	0.58	Halloysite	0.42	89.234	1257
NAA6123	NAA6123-010	9	10	Kaolinite	1	NULL		131.1	1285.3
NAA6123	NAA6123-011	10	11	Kaolinite	0.67	Halloysite	0.33	103.42	1304.3
NAA6123	NAA6123-012	11	12	Kaolinite	1	NULL		174.6	1265.4
NAA6123	NAA6123-013	12	13	Kaolinite	1	NULL		203.65	1310.6
NAA6123	NAA6123-014	13	14	Kaolinite	1	NULL		260.69	1198.5
NAA6123	NAA6123-015	14	15	Kaolinite	1	NULL		171.59	1306.7
NAA6123	NAA6123-016	15	16	Kaolinite	1	NULL		186.47	1248.1
NAA6123	NAA6123-017	16	17	Kaolinite	1	NULL		116.44	1130
NAA6123	NAA6123-018	17	18	Kaolinite	1	NULL		143.75	1104.7
NAA6123	NAA6123-019	18	19	Kaolinite	1	NULL		204.35	1266.7
NAA6123	NAA6123-020	19	20	Halloysite	1	NULL		251	1060
NAA6123	NAA6123-021	20	21	Kaolinite	0.61	Halloysite	0.39	84.823	1124.1
NAA6123	NAA6123-022	21	22	Kaolinite	0.58	Halloysite	0.42	87.337	1780.3
NAA6123	NAA6123-023	22	23	Kaolinite	0.63	Halloysite	0.37	61.99	1289
NAA6123	NAA6123-024	23	24	Kaolinite	1	NULL		250.93	1147.7
NAA6123	NAA6123-025	24	25	Kaolinite	1	NULL		312.86	984.8
NAA6123	NAA6123-026	25	26	Halloysite	1	NULL		242.19	1156
NAA6123	NAA6123-027	26	27	Halloysite	0.6	MgChlorite	0.4	113.67	1902.7
NAA6123	NAA6123-028	27	28	Halloysite	1	NULL		300.36	1054.1
NAA6123	NAA6123-029	28	29	Kaolinite	0.53	Halloysite	0.47	87.213	1442.1
NAA6123	NAA6123-030	29	30	Halloysite	1	NULL		322.65	1365.3
NAA6123	NAA6123-031	30	31	Kaolinite	1	NULL		382.28	1665.2
NAA6123	NAA6123-032	31	32	Halloysite	1	NULL		271.65	1258.2
NAA6123	NAA6123-033	32	33	IntChlorite	1	NULL		267.24	664.6

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
NAA6123	NAA6123-034	33	34	MgChlorite	0.82	Illite	0.18	60.524	2310.3
NAA6124	NAA6124-001	0	1	Kaolinite	0.66	WhiteMarker	0.34	356.14	598.6
NAA6124	NAA6124-002	1	2	Halloysite	0.55	Kaolinite	0.45	118.58	823.8
NAA6124	NAA6124-003	2	3	Halloysite	0.83	WhiteMarker	0.17	393.05	718.5
NAA6124	NAA6124-004	3	4	Kaolinite	0.81	WhiteMarker	0.19	180.99	596.5
NAA6124	NAA6124-005	4	5	Kaolinite	0.84	WhiteMarker	0.16	153.67	634.7
NAA6124	NAA6124-006	5	6	Kaolinite	1	NULL		255.75	544.5
NAA6124	NAA6124-007	6	7	Kaolinite	0.64	WhiteMarker	0.36	214.94	564
NAA6124	NAA6124-008	7	8	WhiteMarker	0.64	Kaolinite	0.36	309.35	272.6
NAA6124	NAA6124-009	8	9	Kaolinite	1	NULL		160.26	818.7
NAA6124	NAA6124-010	9	10	Kaolinite	0.68	Montmorillonite	0.32	87.366	938.4
NAA6124	NAA6124-011	10	11	Kaolinite	0.58	Montmorillonite	0.42	101.47	882.8
NAA6124	NAA6124-012	11	12	Montmorillonite	0.64	Kaolinite	0.36	41.038	1280.3
NAA6124	NAA6124-013	12	13	Kaolinite	0.66	Montmorillonite	0.34	96.153	1683.6
NAA6124	NAA6124-014	13	14	WhiteMarker	1	NULL		722.45	418.4
NAA6124	NAA6124-015	14	15	WhiteMarker	1	NULL		441.26	389.4
NAA6124	NAA6124-016	15	16	Montmorillonite	1	NULL		253.78	660.9
NAA6124	NAA6124-017	16	17	Montmorillonite	0.81	WhiteMarker	0.19	184.5	773.9
NAA6124	NAA6124-018	17	18	Montmorillonite	0.76	Nontronite	0.24	64.114	1059
NAA6124	NAA6124-019	18	19	Montmorillonite	0.58	WhiteMarker	0.42	492.28	447.4
NAA6124	NAA6124-020	19	20	Montmorillonite	0.79	WhiteMarker	0.21	355.74	675.3
NAA6124	NAA6124-021	20	21	Montmorillonite	1	NULL		315.71	597.8
NAA6125	NAA6125-001	0	1	IsaWhite	1	NULL		1680.59	1047.1
NAA6125	NAA6125-002	1	2	WhiteMarker	0.58	Kaolinite	0.42	340.45	544.5
NAA6125	NAA6125-003	2	3	Kaolinite	0.52	Montmorillonite	0.48	132.53	1955
NAA6125	NAA6125-004	3	4	Halloysite	1	NULL		212.41	741
NAA6125	NAA6125-005	4	5	Kaolinite	0.54	Halloysite	0.46	68.089	1896.3
NAA6125	NAA6125-006	5	6	Kaolinite	0.73	WhiteMarker	0.27	271.02	464.7
NAA6125	NAA6125-007	6	7	Kaolinite	0.56	Halloysite	0.44	86.811	800.4
NAA6125	NAA6125-008	7	8	Kaolinite	0.55	Halloysite	0.45	150.33	1033.7
NAA6125	NAA6125-009	8	9	Kaolinite	0.78	WhiteMarker	0.22	210.09	643.9
NAA6125	NAA6125-010	9	10	Dark	NULL			5000	265.5
NAA6125	NAA6125-011	10	11	Kaolinite	0.51	Halloysite	0.49	77.962	1742.8
NAA6125	NAA6125-012	11	12	Kaolinite	0.67	Montmorillonite	0.33	60.43	1585.8
NAA6125	NAA6125-013	12	13	Kaolinite	0.6	Montmorillonite	0.4	83.104	1083.8
NAA6125	NAA6125-014	13	14	Dark	NULL			5000	273.2
NAA6125	NAA6125-015	14	15	Halloysite	1	NULL		318.65	1038.8
NAA6125	NAA6125-016	15	16	Halloysite	0.54	WhiteMarker	0.46	471.13	576.1
NAA6125	NAA6125-017	16	17	Halloysite	0.74	WhiteMarker	0.26	571.22	684.9
NAA6125	NAA6125-018	17	18	Montmorillonite	0.74	Nontronite	0.26	112.89	771.5
NAA6125	NAA6125-019	18	19	Montmorillonite	0.51	Nontronite	0.49	323.05	1625.7
NAA6126	NAA6126-001	0	1	Kaolinite	1	NULL		394.93	1722.3
NAA6126	NAA6126-002	1	2	Halloysite	1	NULL		218.74	1225.8
NAA6126	NAA6126-003	2	3	Kaolinite	1	NULL		400.83	1140.2
NAA6126	NAA6126-004	3	4	Kaolinite	0.53	Halloysite	0.47	81.305	1958.1
NAA6126	NAA6126-005	4	5	Kaolinite	0.6	Halloysite	0.4	94.095	1323.8
NAA6126	NAA6126-006	5	6	Kaolinite	0.58	Halloysite	0.42	64.909	1425.2
NAA6126	NAA6126-007	6	7	Kaolinite	0.59	Halloysite	0.41	76.742	1871.8
NAA6126	NAA6126-008	7	8	Kaolinite	0.67	Montmorillonite	0.33	78.121	1279.5
NAA6126	NAA6126-009	8	9	Kaolinite	0.57	Montmorillonite	0.43	78.774	1240
NAA6126	NAA6126-010	9	10	Kaolinite	0.61	Montmorillonite	0.39	115.95	933.8
NAA6126	NAA6126-011	10	11	Kaolinite	0.62	Montmorillonite	0.38	59.63	1436.5
NAA6126	NAA6126-012	11	12	Halloysite	1	NULL		435.81	783.8
NAA6126	NAA6126-013	12	13	Kaolinite	0.52	Montmorillonite	0.48	137.18	813.4
NAA6126	NAA6126-014	13	14	Kaolinite	0.51	Montmorillonite	0.49	61.241	1251.6
NAA6126	NAA6126-015	14	15	Montmorillonite	0.56	Kaolinite	0.44	164.52	1247.4
NAA6126	NAA6126-016	15	16	Montmorillonite	0.52	Kaolinite	0.48	82.926	1855.3
NAA6126	NAA6126-017	16	17	Kaolinite	0.55	Montmorillonite	0.45	68.463	2109.1
NAA6126	NAA6126-018	17	18	Montmorillonite	0.6	Kaolinite	0.4	101.13	1739.3
NAA6126	NAA6126-019	18	19	Nontronite	0.51	Halloysite	0.49	144.95	1112.5
NAA6126	NAA6126-020	19	20	Siderite	0.63	Illite	0.37	213.41	1517.8
NAA6127	NAA6127-001	0	1	Kaolinite	1	NULL		362.89	1343.2
NAA6127	NAA6127-004	3	4	WhiteMarker	0.62	Dickite	0.38	315.62	327.4
NAA6127	NAA6127-005	4	5	Halloysite	0.61	WhiteMarker	0.39	233.19	616.8

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
NAA6127	NAA6127-006	5	6	WhiteMarker	1	NULL		412.2	357.4
NAA6127	NAA6127-007	6	7	Kaolinite	0.59	Halloysite	0.41	60.339	2200.5
NAA6127	NAA6127-008	7	8	Kaolinite	0.83	WhiteMarker	0.17	94.874	1145.9
NAA6127	NAA6127-009	8	9	Kaolinite	0.68	Halloysite	0.32	98.101	1027.2
NAA6127	NAA6127-010	9	10	Kaolinite	0.66	Halloysite	0.34	66.269	1370.2
NAA6127	NAA6127-011	10	11	Kaolinite	0.66	Halloysite	0.34	73.229	1022.6
NAA6127	NAA6127-012	11	12	Kaolinite	0.68	Halloysite	0.32	87.002	1496.1
NAA6127	NAA6127-013	12	13	Kaolinite	1	NULL		172.25	1160.7
NAA6127	NAA6127-014	13	14	Kaolinite	1	NULL		176.21	1299.7
NAA6127	NAA6127-015	14	15	Kaolinite	0.7	Halloysite	0.3	72.79	1486.7
NAA6127	NAA6127-016	15	16	Kaolinite	1	NULL		116.9	1257.2
NAA6127	NAA6127-017	16	17	Kaolinite	0.7	Halloysite	0.3	68.886	1347.2
NAA6127	NAA6127-018	17	18	Kaolinite	1	NULL		113.07	1462.3
NAA6127	NAA6127-019	18	19	Kaolinite	0.68	Halloysite	0.32	55.191	1375.8
NAA6127	NAA6127-020	19	20	Kaolinite	0.61	Halloysite	0.39	66.401	1559.8
NAA6127	NAA6127-021	20	21	Kaolinite	1	NULL		115.34	1524.5
NAA6127	NAA6127-022	21	22	Kaolinite	1	NULL		137.49	1284
NAA6127	NAA6127-023	22	23	Kaolinite	1	NULL		114.02	1529.6
NAA6127	NAA6127-024	23	24	Kaolinite	1	NULL		107.01	1003.2
NAA6127	NAA6127-025	24	25	Kaolinite	1	NULL		98.866	1516
NAA6127	NAA6127-026	25	26	Kaolinite	0.73	Halloysite	0.27	69.914	1312.6
NAA6127	NAA6127-027	26	27	Kaolinite	0.64	Halloysite	0.36	88.228	1309.4
NAA6127	NAA6127-028	27	28	Kaolinite	0.72	Halloysite	0.28	82.416	1480.3
NAA6127	NAA6127-029	28	29	Kaolinite	1	NULL		127.54	1572.1
NAA6127	NAA6127-030	29	30	Kaolinite	1	NULL		229.15	1143.6
NAA6127	NAA6127-031	30	31	Kaolinite	1	NULL		126.4	1244.8
NAA6127	NAA6127-032	31	32	Kaolinite	1	NULL		109.01	1379.2
NAA6127	NAA6127-033	32	33	Kaolinite	1	NULL		168.77	1542.7
NAA6127	NAA6127-034	33	34	Kaolinite	1	NULL		182.4	1418.8
NAA6127	NAA6127-035	34	35	Kaolinite	1	NULL		154.25	1500.8
NAA6127	NAA6127-036	35	36	Kaolinite	0.61	Montmorillonite	0.39	131.67	1798.2
NAA6127	NAA6127-037	36	37	Kaolinite	0.63	Montmorillonite	0.37	117.48	1479.6
NAA6127	NAA6127-038	37	38	Montmorillonite	0.51	Halloysite	0.5	178.67	1411.9
NAA6127	NAA6127-039	38	39	Halloysite	1	NULL		408.27	1339.9
NAA6128	NAA6128-001	0	1	Halloysite	1	NULL		369.67	1119.8
NAA6128	NAA6128-002	1	2	Halloysite	1	NULL		404.77	909.4
NAA6128	NAA6128-003	2	3	Kaolinite	0.8	WhiteMarker	0.2	115.51	853.7
NAA6128	NAA6128-004	3	4	Kaolinite	0.54	Halloysite	0.46	119.4	997.3
NAA6128	NAA6128-005	4	5	Kaolinite	0.76	WhiteMarker	0.24	125.94	794.5
NAA6128	NAA6128-006	5	6	Halloysite	0.7	Dickite	0.3	160.13	1306.2
NAA6128	NAA6128-007	6	7	Kaolinite	0.64	Halloysite	0.36	112.32	2716
NAA6129	NAA6129-001	0	1	Kaolinite	1	NULL		260.86	1306
NAA6129	NAA6129-002	1	2	Kaolinite	1	NULL		297.32	1319.4
NAA6129	NAA6129-003	2	3	Kaolinite	0.67	Halloysite	0.33	59.332	1412.8
NAA6129	NAA6129-004	3	4	Kaolinite	0.65	Halloysite	0.35	71.307	1425.9
NAA6129	NAA6129-005	4	5	Kaolinite	0.66	Halloysite	0.34	61.553	1750.8
NAA6129	NAA6129-006	5	6	Kaolinite	0.63	Halloysite	0.37	58.626	1887.3
NAA6129	NAA6129-007	6	7	Kaolinite	0.64	Halloysite	0.36	64.468	2152.3
NAA6129	NAA6129-008	7	8	Kaolinite	0.63	Halloysite	0.37	56.116	1932
NAA6129	NAA6129-009	8	9	Kaolinite	0.66	Halloysite	0.34	73.376	1387.7
NAA6129	NAA6129-010	9	10	Kaolinite	0.67	Halloysite	0.33	83.863	1494.4
NAA6129	NAA6129-011	10	11	Kaolinite	0.59	Halloysite	0.41	124.63	1322.6
NAA6129	NAA6129-012	11	12	Kaolinite	0.7	Halloysite	0.3	71.359	1620.8
NAA6129	NAA6129-013	12	13	Kaolinite	0.7	Halloysite	0.3	91.214	2095.2
NAA6129	NAA6129-014	13	14	Kaolinite	0.69	Halloysite	0.31	59.884	1680.8
NAA6129	NAA6129-015	14	15	Kaolinite	0.69	Montmorillonite	0.3	118.19	1387.1
NAA6129	NAA6129-016	15	16	Kaolinite	0.72	Montmorillonite	0.28	93.975	1703
NAA6129	NAA6129-017	16	17	Kaolinite	0.69	Montmorillonite	0.31	125.87	1295.5
NAA6129	NAA6129-018	17	18	Kaolinite	0.74	Nontronite	0.26	108.56	1868
NAA6129	NAA6129-019	18	19	Kaolinite	0.68	Montmorillonite	0.32	94.899	2031.7
NAA6129	NAA6129-020	19	20	Kaolinite	0.63	Montmorillonite	0.37	109.6	2073.5
NAA6129	NAA6129-021	20	21	Kaolinite	0.6	Montmorillonite	0.4	97.888	2010.6
NAA6130	NAA6130-001	0	1	Kaolinite	1	NULL		215.49	1152.2
NAA6130	NAA6130-002	1	2	Kaolinite	0.57	Halloysite	0.43	143.53	1203.4

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
NAA6130	NAA6130-003	2	3	Kaolinite	0.51	Montmorillonite	0.49	73.662	1027.2
NAA6130	NAA6130-004	3	4	Montmorillonite	0.65	Kaolinite	0.35	89.818	1370.2
NAA6130	NAA6130-005	4	5	Montmorillonite	0.61	Kaolinite	0.39	133.31	1238.9
NAA6130	NAA6130-006	5	6	Montmorillonite	0.61	Kaolinite	0.39	130.1	1122.5
NAA6130	NAA6130-007	6	7	Kaolinite	0.57	Halloysite	0.43	102.14	1665.1
NAA6130	NAA6130-008	7	8	Kaolinite	0.66	Halloysite	0.34	103	1438.1
NAA6130	NAA6130-009	8	9	Kaolinite	0.67	Montmorillonite	0.33	55.228	1248.8
NAA6130	NAA6130-010	9	10	Kaolinite	0.66	Montmorillonite	0.34	76.565	1462.7
NAA6130	NAA6130-011	10	11	Kaolinite	0.61	Montmorillonite	0.39	75.431	2361.9
NAA6130	NAA6130-012	11	12	Kaolinite	0.63	Montmorillonite	0.37	103.62	1161.8
NAA6130	NAA6130-013	12	13	Kaolinite	0.63	Montmorillonite	0.37	133.01	1373.2
NAA6130	NAA6130-014	13	14	Kaolinite	0.51	Montmorillonite	0.49	157.04	1655.5
NAA6130	NAA6130-015	14	15	Halloysite	0.58	Nontronite	0.42	181.86	1238.1
NAA6130	NAA6130-016	15	16	Montmorillonite	0.55	Kaolinite	0.45	332.33	1253.4
NAA6131	NAA6131-001	0	1	Halloysite	0.66	Dickite	0.34	261.36	1162
NAA6131	NAA6131-002	1	2	Halloysite	1	NULL		361.1	835.3
NAA6131	NAA6131-003	2	3	Halloysite	0.64	Dickite	0.36	275.64	897.6
NAA6131	NAA6131-004	3	4	Halloysite	0.61	Dickite	0.39	105.95	1092.5
NAA6132	NAA6132-001	0	1	Kaolinite	1	NULL		331.29	1049.1
NAA6132	NAA6132-002	1	2	Halloysite	0.63	Dickite	0.37	178.45	1345
NAA6132	NAA6132-003	2	3	Halloysite	0.67	Dickite	0.33	107.44	1282.8
NAA6133	NAA6133-001	0	1	Kaolinite	1	NULL		357.74	771.8
NAA6133	NAA6133-002	1	2	Halloysite	0.74	Dickite	0.26	112.28	1325.6
NAA6133	NAA6133-003	2	3	Halloysite	0.69	Dickite	0.31	122.27	1176.1
NAA6134	NAA6134-001	0	1	WhiteMarker	0.55	Kaolinite	0.45	227.22	910.2
NAA6134	NAA6134-002	1	2	Halloysite	0.56	Kaolinite	0.44	148.69	1276.8
NAA6134	NAA6134-003	2	3	Kaolinite	0.57	WhiteMarker	0.43	138.55	635.8
NAA6134	NAA6134-004	3	4	Halloysite	0.71	IsaWhite	0.29	159.07	792.8
NAA6134	NAA6134-005	4	5	Kaolinite	0.54	Halloysite	0.46	77.063	1232.2
NAA6134	NAA6134-006	5	6	Kaolinite	0.54	WhiteMarker	0.46	207.13	970.9
NAA6134	NAA6134-007	6	7	Kaolinite	0.57	Halloysite	0.42	116.14	1980.5
NAA6134	NAA6134-008	7	8	Kaolinite	0.79	WhiteMarker	0.21	152.16	761
NAA6135	NAA6135-001	0	1	WhiteMarker	1	NULL		1719.25	728.1
NAA6135	NAA6135-002	1	2	Halloysite	0.8	WhiteMarker	0.2	234.37	836.8
NAA6135	NAA6135-003	2	3	Kaolinite	1	NULL		221.21	1566.2
NAA6135	NAA6135-004	3	4	Montmorillonite	0.52	Siderite	0.48	114.37	1058.4
NAA6135	NAA6135-005	4	5	IntChlorite	0.69	Montmorillonite	0.31	100.2	1008.5
NAA6135	NAA6135-006	5	6	Dark	NULL			5000	413.2
NAA6135	NAA6135-007	6	7	Aspectral	NULL			5000	851.8
NAA6135	NAA6135-008	7	8	Dolomite	1	NULL		251.82	1491.7
NAA6135	NAA6135-009	8	9	IntChlorite	0.73	Montmorillonite	0.27	32.562	2152.4
NAA6135	NAA6135-010	9	10	IntChlorite	1	NULL		87.998	1870
NAA6135	NAA6135-011	10	11	MgChlorite	0.64	Opal	0.36	107.41	1275.1
NAA6135	NAA6135-012	11	12	MgChlorite	0.75	Illite	0.25	74.818	1750
NAA6135	NAA6135-013	12	13	MgChlorite	0.63	Illite	0.37	84.446	1313.2
NAA6135	NAA6135-014	13	14	MgChlorite	0.63	Illite	0.37	76.647	1427.1
NAA6135	NAA6135-015	14	15	MgChlorite	0.71	Illite	0.28	56.205	2257.2
NAA6135	NAA6135-016	15	16	MgChlorite	0.64	Illite	0.36	135.75	1217.2
NAA6135	NAA6135-017	16	17	MgChlorite	0.69	Illite	0.31	234.63	1161.3
NAA6135	NAA6135-018	17	18	Brucite	1	NULL		313.54	974.6
NAA6135	NAA6135-019	18	19	Siderite	1	NULL		825.6	810.2
NAA6136	NAA6136-001	0	1	Halloysite	1	NULL		1905.93	925.1
NAA6136	NAA6136-002	1	2	Halloysite	1	NULL		183.6	1181.6
NAA6136	NAA6136-003	2	3	Halloysite	0.63	Illite	0.37	261.22	1730
NAA6136	NAA6136-004	3	4	Illite	0.61	Montmorillonite	0.39	90.9	1489.6
NAA6136	NAA6136-005	4	5	Illite	1	NULL		96.573	1449.5
NAA6136	NAA6136-006	5	6	Illite	0.63	Montmorillonite	0.37	71.206	1483
NAA6136	NAA6136-007	6	7	Illite	0.67	Montmorillonite	0.33	68.549	1735.1
NAA6136	NAA6136-008	7	8	Illite	1	NULL		94.309	1810
NAA6136	NAA6136-009	8	9	Illite	1	NULL		72.887	1272.8
NAA6136	NAA6136-010	9	10	Illite	1	NULL		63.492	1359.4
NAA6136	NAA6136-011	10	11	Illite	1	NULL		63.765	1213.3
NAA6136	NAA6136-012	11	12	Illite	1	NULL		48.599	1321.1
NAA6136	NAA6136-013	12	13	Illite	1	NULL		144.16	1199.2

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
NAA6136	NAA6136-014	13	14	Illite	1	NULL		140.75	1404.2
NAA6137	NAA6137-001	0	1	Halloysite	1	NULL		388.29	1361.4
NAA6137	NAA6137-002	1	2	Kaolinite	1	NULL		742.91	1066.5
NAA6137	NAA6137-003	2	3	Kaolinite	1	NULL		317.5	1489.2
NAA6137	NAA6137-004	3	4	Kaolinite	1	NULL		353.63	1041.5
NAA6138	NAA6138-001	0	1	Halloysite	1	NULL		528.97	1410.8
NAA6138	NAA6138-002	1	2	Halloysite	1	NULL		301.78	1346
NAA6139	NAA6139-001	0	1	Halloysite	0.64	Dickite	0.36	223.73	2035.4
NAA6139	NAA6139-002	1	2	Halloysite	0.55	Dickite	0.45	233.43	1466.3
NAA6139	NAA6139-003	2	3	Dickite	0.55	WhiteMarker	0.45	301.77	470.8
NAA6139	NAA6139-004	3	4	Halloysite	0.57	Dickite	0.43	177.5	1325.8
NAA6139	NAA6139-005	4	5	Halloysite	1	NULL		293.28	876.3
NAA6139	NAA6139-006	5	6	Halloysite	0.76	IsaWhite	0.24	203.36	729.5
NAA6139	NAA6139-007	6	7	Kaolinite	0.74	WhiteMarker	0.26	249.78	1173.7
NAA6139	NAA6139-008	7	8	Kaolinite	1	NULL		161.28	1963.6
NAA6139	NAA6139-009	8	9	Kaolinite	1	NULL		113.38	2180
NAA6140	NAA6140-001	0	1	Nontronite	0.51	Halloysite	0.49	198.27	1899
NAA6140	NAA6140-002	1	2	Halloysite	0.82	IsaYellow	0.17	238.19	829.3
NAA6140	NAA6140-003	2	3	Halloysite	0.65	Dickite	0.35	126.93	1315.6
NAA6140	NAA6140-004	3	4	Halloysite	1	NULL		267.83	1312
NAA6140	NAA6140-005	4	5	Kaolinite	0.67	FeTourmaline	0.33	120.46	2211.9
NAA6140	NAA6140-006	5	6	Halloysite	0.51	Montmorillonite	0.49	178.9	2475.6
NAA6140	NAA6140-007	6	7	Montmorillonite	1	NULL		328.55	1219.7
NAA6140	NAA6140-008	7	8	Halloysite	1	NULL		987.1	1024.6
NAA6140	NAA6140-009	8	9	Montmorillonite	0.52	Kaolinite	0.48	261.31	1053.3
NAA6140	NAA6140-010	9	10	Halloysite	0.56	Montmorillonite	0.44	188.53	1257
NAA6140	NAA6140-011	10	11	Halloysite	1	NULL		775.85	1435.6
NAA6140	NAA6140-012	11	12	Illite	0.52	Kaolinite	0.48	280.29	1587.8
NAA6140	NAA6140-013	12	13	Illite	1	NULL		446.49	1318.8
NAA6140	NAA6140-014	13	14	Siderite	0.57	Montmorillonite	0.43	142.04	1540.1
NAA6140	NAA6140-015	14	15	Aspectral	NULL			5000	915.2
NAA6140	NAA6140-016	15	16	Dark	NULL			5000	616.8
NAA6141	NAA6141-001	0	1	WhiteMarker	1	NULL		776.32	781.8
NAA6141	NAA6141-002	1	2	Halloysite	1	NULL		548.87	1207.2
NAA6141	NAA6141-003	2	3	YellowMarker	1	NULL		1546.28	325.2
NAA6141	NAA6141-004	3	4	Halloysite	1	NULL		673.25	1492.7
NAA6141	NAA6141-005	4	5	Halloysite	0.71	IsaWhite	0.29	422	1446.5
NAA6141	NAA6141-006	5	6	Halloysite	1	NULL		416.7	1264.6
NAA6141	NAA6141-007	6	7	WhiteMarker	1	NULL		508.3	486.6
NAA6142	NAA6142-001	0	1	Halloysite	1	NULL		616.93	1806.9
NAA6142	NAA6142-002	1	2	Halloysite	0.61	Dickite	0.39	217.05	1269.8
NAA6142	NAA6142-003	2	3	Halloysite	0.65	Dickite	0.35	150.32	1251.9
NAA6142	NAA6142-004	3	4	Halloysite	0.65	Dickite	0.35	163.96	1166.3
NAA6142	NAA6142-005	4	5	Halloysite	0.63	Dickite	0.37	208.5	1287.1
NAA6142	NAA6142-006	5	6	Halloysite	0.66	Dickite	0.34	117.45	1618.9
NAA6142	NAA6142-007	6	7	Halloysite	0.69	Dickite	0.32	161.03	1434.9
NAA6142	NAA6142-008	7	8	Halloysite	1	NULL		276.42	1255.7
NAA6142	NAA6142-009	8	9	Illite	0.5	Halloysite	0.5	62.206	1836.9
NAA6142	NAA6142-010	9	10	Illite	1	NULL		101.63	3011.1
NAA6142	NAA6142-011	10	11	Illite	1	NULL		110.83	1503.7
NAA6142	NAA6142-012	11	12	Illite	1	NULL		156.58	1718.9
NAA6143	NAA6143-001	0	1	Halloysite	0.62	WhiteMarker	0.38	527.39	1148.9
NAA6143	NAA6143-002	1	2	Halloysite	1	NULL		376.53	1618.9
NAA6143	NAA6143-003	2	3	Halloysite	1	NULL		407.1	1796
NAA6143	NAA6143-004	3	4	Halloysite	1	NULL		185.19	1835.3
NAA6143	NAA6143-005	4	5	Halloysite	1	NULL		301.74	1343
NAA6143	NAA6143-006	5	6	Illite	0.54	Halloysite	0.46	132.28	1326.5
NAA6143	NAA6143-007	6	7	Illite	1	NULL		72.284	1640.7
NAA6143	NAA6143-008	7	8	Illite	1	NULL		54.479	1887.9
NAA6143	NAA6143-009	8	9	Illite	1	NULL		129.64	1594.9
NAA6143	NAA6143-010	9	10	Illite	1	NULL		168.82	1824.4
NAA6144	NAA6144-001	0	1	Kaolinite	0.71	Illite	0.29	192.23	1551.9
NAA6144	NAA6144-002	1	2	Halloysite	1	NULL		243.2	1650.8
NAA6144	NAA6144-003	2	3	Halloysite	0.68	Dickite	0.32	83.332	1991.2

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
NAA6144	NAA6144-004	3	4	Halloysite	0.71	Dickite	0.28	92.604	1570.6
NAA6144	NAA6144-005	4	5	Halloysite	1	NULL		138.49	1809.4
NAA6144	NAA6144-006	5	6	Illite	0.71	Halloysite	0.29	47.222	2068.5
NAA6144	NAA6144-007	6	7	Illite	0.66	Kaolinite	0.34	55.897	2597.6
NAA6144	NAA6144-008	7	8	Illite	0.81	Halloysite	0.19	59.604	1393.3
NAA6144	NAA6144-009	8	9	Illite	1	NULL		61.204	1514.5
NAA6144	NAA6144-010	9	10	Illite	1	NULL		138.03	1388.8
NAA6144	NAA6144-011	10	11	Illite	0.75	Halloysite	0.25	122.29	2725.8
NAA6145	NAA6145-001	0	1	Halloysite	0.84	IsaYellow	0.16	450.12	1732.1
NAA6145	NAA6145-002	1	2	Halloysite	1	NULL		502.7	1109
NAA6145	NAA6145-003	2	3	Halloysite	1	NULL		364.45	1762.8
NAA6145	NAA6145-004	3	4	Halloysite	0.69	Dickite	0.31	109.39	1506.5
NAA6145	NAA6145-005	4	5	Halloysite	0.69	Dickite	0.31	86.463	1380.2
NAA6145	NAA6145-006	5	6	Halloysite	1	NULL		579.42	1708
NAA6145	NAA6145-007	6	7	Halloysite	0.63	Kaolinite	0.37	100.87	1877.2
NAA6145	NAA6145-008	7	8	Illite	0.68	Halloysite	0.32	134.25	1364.2
NAA6145	NAA6145-009	8	9	Muscovite	0.56	Halloysite	0.44	90.094	1501.3
NAA6145	NAA6145-010	9	10	Muscovite	0.67	Kaolinite	0.33	107.92	1505.2
NAA6145	NAA6145-011	10	11	Illite	0.58	Kaolinite	0.42	133.03	1854.2
NAA6145	NAA6145-012	11	12	Muscovite	0.71	Kaolinite	0.28	187.61	1514.1
NAA6145	NAA6145-013	12	13	Illite	1	NULL		188.73	1602.3
NAA6145	NAA6145-014	13	14	Muscovite	0.64	Kaolinite	0.36	166.06	1643.5
NAA6145	NAA6145-015	14	15	Illite	0.67	Halloysite	0.33	263.97	1536.8
NAA6145	NAA6145-016	15	16	Illite	1	NULL		246.22	1529.5
NAA6145	NAA6145-017	16	17	Illite	1	NULL		217.95	1592.8
NAA6145	NAA6145-018	17	18	Muscovite	0.69	Halloysite	0.32	103.25	1606.3
NAA6145	NAA6145-019	18	19	Illite	0.56	Halloysite	0.44	87.868	1820
NAA6145	NAA6145-020	19	20	Halloysite	0.5	Illite	0.5	99.698	1151.3
NAA6145	NAA6145-021	20	21	Illite	0.59	Halloysite	0.41	81.03	1737.2
NAA6145	NAA6145-022	21	22	Muscovite	0.74	Halloysite	0.26	50.919	2248.4
NAA6145	NAA6145-023	22	23	Illite	1	NULL		76.081	1696.1
NAA6145	NAA6145-024	23	24	Illite	1	NULL		331.58	1027.7
NAA6146	NAA6146-001	0	1	Halloysite	1	NULL		460.86	1554.7
NAA6146	NAA6146-002	1	2	Halloysite	0.53	WhiteMarker	0.47	290.99	809.9
NAA6146	NAA6146-003	2	3	Halloysite	1	NULL		489.21	1471.3
NAA6146	NAA6146-004	3	4	Montmorillonite	0.64	Halloysite	0.36	92.654	1366.8
NAA6146	NAA6146-005	4	5	Montmorillonite	0.61	Illite	0.39	96.741	1314.7
NAA6146	NAA6146-006	5	6	Illite	0.69	Halloysite	0.31	146.34	1282.4
NAA6146	NAA6146-007	6	7	Illite	0.64	Halloysite	0.36	118.09	1203.1
NAA6146	NAA6146-008	7	8	Illite	0.68	Halloysite	0.32	193.61	1366.6
NAA6146	NAA6146-009	8	9	Halloysite	0.63	Illite	0.37	115.13	1460.7
NAA6146	NAA6146-010	9	10	Illite	0.77	Halloysite	0.23	107.02	1722.2
NAA6146	NAA6146-011	10	11	Illite	0.65	Halloysite	0.35	100.46	2276.3
NAA6146	NAA6146-012	11	12	Illite	1	NULL		387.68	692.6
NAA6147	NAA6147-001	0	1	Halloysite	0.67	WhiteMarker	0.33	874.74	1270.5
NAA6147	NAA6147-002	1	2	WhiteMarker	1	NULL		503.73	589.2
NAA6147	NAA6147-003	2	3	Montmorillonite	1	NULL		108.77	1511.8
NAA6147	NAA6147-004	3	4	Illite	0.52	Montmorillonite	0.48	139.8	1222.3
NAA6147	NAA6147-005	4	5	Montmorillonite	0.69	Halloysite	0.32	177.04	1283
NAA6147	NAA6147-006	5	6	Illite	0.63	Montmorillonite	0.37	96.902	1647.7
NAA6147	NAA6147-007	6	7	Illite	0.76	Halloysite	0.24	109.61	1806.9
NAA6147	NAA6147-008	7	8	Illite	0.7	Halloysite	0.3	171.06	1773.5
NAA6147	NAA6147-009	8	9	Montmorillonite	0.51	Halloysite	0.49	161.81	1566.5
NAA6147	NAA6147-010	9	10	Illite	0.78	WhiteMarker	0.22	238.24	702.8
NAA6147	NAA6147-011	10	11	Illite	0.69	WhiteMarker	0.3	182.31	872.9
NAA6147	NAA6147-012	11	12	Illite	1	NULL		163.82	1667.2
NAA6147	NAA6147-013	12	13	Illite	1	NULL		222.71	1239.5
NAA6147	NAA6147-014	13	14	Illite	0.69	Halloysite	0.31	249.51	871.3
NAA6147	NAA6147-015	14	15	Illite	0.69	Halloysite	0.31	135.56	1224.8
NAA6147	NAA6147-016	15	16	Illite	0.61	Halloysite	0.39	232.02	1169.3
NAA6147	NAA6147-017	16	17	Illite	0.61	Halloysite	0.39	204.11	1222.4
NAA6147	NAA6147-018	17	18	MgChlorite	0.56	Montmorillonite	0.44	72.684	2397.5
NAA6147	NAA6147-019	18	19	MgChlorite	0.55	Montmorillonite	0.45	81.798	2858.8
NAA6148	NAA6148-001	0	1	Halloysite	1	NULL		344.32	1627.8

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
NAA6148	NAA6148-002	1	2	Siderite	0.56	Montmorillonite	0.44	95.301	1231.7
NAA6148	NAA6148-003	2	3	Halloysite	1	NULL		366.12	1546.1
NAA6148	NAA6148-004	3	4	Montmorillonite	0.59	Halloysite	0.41	55.214	1546.8
NAA6148	NAA6148-005	4	5	Montmorillonite	0.64	Halloysite	0.36	88.762	1195.2
NAA6148	NAA6148-006	5	6	Halloysite	0.69	Montmorillonite	0.31	95.293	1495.4
NAA6148	NAA6148-007	6	7	Halloysite	0.55	Illite	0.45	71.027	1466.3
NAA6148	NAA6148-008	7	8	Halloysite	0.65	Illite	0.35	52.947	1407.1
NAA6148	NAA6148-009	8	9	Halloysite	0.61	Illite	0.39	77.89	1471.7
NAA6148	NAA6148-010	9	10	Halloysite	0.53	Illite	0.47	78.262	1712.2
NAA6148	NAA6148-011	10	11	Kaolinite	0.55	Illite	0.45	91.694	1242.8
NAA6148	NAA6148-012	11	12	Halloysite	0.65	Illite	0.35	95.065	1728.5
NAA6148	NAA6148-013	12	13	Illite	0.61	Halloysite	0.39	127.64	1470.2
NAA6148	NAA6148-014	13	14	Illite	0.54	Halloysite	0.46	120.23	1448.9
NAA6148	NAA6148-015	14	15	Illite	0.69	Halloysite	0.31	82.266	1554.4
NAA6148	NAA6148-016	15	16	Illite	0.72	Halloysite	0.28	120.55	1771.8
NAA6148	NAA6148-017	16	17	Illite	0.63	Siderite	0.37	92.891	1480.1
NAA6148	NAA6148-018	17	18	Illite	1	NULL		186.35	1956.5
NAA6148	NAA6148-019	18	19	Illite	1	NULL		85.218	1382.2
NAA6149	NAA6149-001	0	1	Halloysite	1	NULL		300.42	1759
NAA6149	NAA6149-002	1	2	Halloysite	0.62	Dickite	0.38	188.62	1102.3
NAA6149	NAA6149-003	2	3	Halloysite	1	NULL		388.39	2356.4
NAA6149	NAA6149-004	3	4	Illite	0.75	Halloysite	0.25	32.33	1571.3
NAA6149	NAA6149-005	4	5	Illite	1	NULL		47.526	1605.5
NAA6149	NAA6149-006	5	6	Illite	1	NULL		43.598	1611.2
NAA6149	NAA6149-007	6	7	Illite	1	NULL		107.17	1711
NAA6149	NAA6149-008	7	8	Illite	1	NULL		177.56	1495.3
NAA6149	NAA6149-009	8	9	Illite	1	NULL		121.94	1532.5
NAA6149	NAA6149-010	9	10	Illite	1	NULL		94.594	1217.1
NAA6149	NAA6149-011	10	11	Illite	1	NULL		101.91	1033.4
NAA6149	NAA6149-012	11	12	Muscovite	1	NULL		192.07	2506.4
NAA6149	NAA6149-013	12	13	Illite	1	NULL		236.27	1641.6
NAA6149	NAA6149-014	13	14	Illite	1	NULL		168.25	1457.3
NAA6149	NAA6149-015	14	15	Illite	1	NULL		51.265	1368.7
NAA6149	NAA6149-016	15	16	Illite	1	NULL		202.26	1299.8
NAA6149	NAA6149-017	16	17	Illite	1	NULL		103.98	1250.7
NAA6149	NAA6149-018	17	18	Illite	1	NULL		143.56	1311.1
NAA6149	NAA6149-019	18	19	Illite	1	NULL		209.58	1310.5
NAA6149	NAA6149-020	19	20	Siderite	0.53	Illite	0.47	85.12	1519.9
NAA6149	NAA6149-021	20	21	Illite	1	NULL		321.08	1531.4
NAA6149	NAA6149-022	21	22	Illite	1	NULL		174.88	1178.3
NAA6150	NAA6150-001	0	1	Halloysite	1	NULL		241.8	1129.8
NAA6150	NAA6150-002	1	2	Halloysite	1	NULL		183.11	996.2
NAA6150	NAA6150-003	2	3	Opal	1	NULL		343.77	2464.8
NAA6150	NAA6150-004	3	4	Montmorillonite	0.72	Kaolinite	0.28	97.023	1067.5
NAA6150	NAA6150-005	4	5	Montmorillonite	1	NULL		54.006	1865.1
NAA6150	NAA6150-006	5	6	Montmorillonite	1	NULL		64.787	1683.1
NAA6150	NAA6150-007	6	7	Montmorillonite	0.71	Halloysite	0.29	84.411	1039.8
NAA6150	NAA6150-008	7	8	Montmorillonite	0.54	Kaolinite	0.46	124.47	1165.2
NAA6150	NAA6150-009	8	9	Kaolinite	0.54	Montmorillonite	0.46	136	1838.8
NAA6150	NAA6150-010	9	10	Halloysite	1	NULL		130.88	1230.2
NAA6150	NAA6150-011	10	11	Kaolinite	0.62	Opal	0.38	70.683	2163.5
NAA6150	NAA6150-012	11	12	Kaolinite	0.58	Opal	0.42	82.234	1908.3
NAA6150	NAA6150-013	12	13	Phengite	0.59	Halloysite	0.41	217.87	1538.5
NAA6150	NAA6150-014	13	14	Halloysite	0.51	Opal	0.49	164.15	3131.6
NAA6150	NAA6150-015	14	15	Halloysite	1	NULL		188.86	1753.4
NAA6150	NAA6150-016	15	16	Halloysite	1	NULL		263.02	1672.8
NAA6150	NAA6150-017	16	17	Illite	1	NULL		139.44	1389.6
NAA6150	NAA6150-018	17	18	Illite	1	NULL		91.242	1419.3
NAA6150	NAA6150-019	18	19	Illite	1	NULL		98.497	2631.9
NAA6150	NAA6150-020	19	20	Illite	1	NULL		132.61	3082.3
NAA6151	NAA6151-001	0	1	Halloysite	0.65	WhiteMarker	0.35	429.7	985.9
NAA6151	NAA6151-002	1	2	Halloysite	0.68	Dickite	0.32	89.48	1153
NAA6151	NAA6151-003	2	3	Halloysite	0.7	Dickite	0.3	91.968	1892.7
NAA6151	NAA6151-004	3	4	Halloysite	0.68	Dickite	0.32	79.572	1214.8

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
NAA6151	NAA6151-005	4	5	Halloysite	0.68	Dickite	0.33	163.39	815.8
NAA6151	NAA6151-006	5	6	Halloysite	1	NULL		225.68	785.7
NAA6151	NAA6151-007	6	7	Halloysite	0.68	Dickite	0.32	76.006	1417.6
NAA6151	NAA6151-008	7	8	Halloysite	0.69	Dickite	0.3	178.19	1128.1
NAA6151	NAA6151-009	8	9	Halloysite	0.53	Kaolinite	0.47	106.94	1580.6
NAA6152	NAA6152-001	0	1	Halloysite	0.71	YellowMarker	0.29	230.94	824.6
NAA6152	NAA6152-002	1	2	Halloysite	1	NULL		314.26	888.6
NAA6152	NAA6152-003	2	3	Halloysite	0.67	Dickite	0.33	115.55	1383.6
NAA6152	NAA6152-004	3	4	Halloysite	0.66	Dickite	0.34	92.641	1473.7
NAA6152	NAA6152-005	4	5	Halloysite	1	NULL		355.11	966.5
NAA6152	NAA6152-006	5	6	Halloysite	0.68	Dickite	0.32	103.21	1562.1
NAA6152	NAA6152-007	6	7	Halloysite	0.68	Dickite	0.32	112.26	1692.2
NAA6152	NAA6152-008	7	8	Halloysite	0.71	Dickite	0.29	94.062	1229.4
NAA6152	NAA6152-009	8	9	Halloysite	0.65	Dickite	0.35	125.09	1231.8
NAA6152	NAA6152-010	9	10	Halloysite	0.68	Dickite	0.32	102.84	2383.2
NAA6152	NAA6152-011	10	11	Kaolinite	0.53	Halloysite	0.47	93.027	1667.3
NAA6152	NAA6152-012	11	12	Halloysite	0.7	Dickite	0.3	78.9	1807.6
NAA6153	NAA6153-001	0	1	Halloysite	0.63	Dickite	0.37	308.2	2621.7
NAA6153	NAA6153-002	1	2	Halloysite	0.62	Dickite	0.38	228.27	2365.9
NAA6153	NAA6153-003	2	3	Halloysite	0.65	Dickite	0.35	154.73	1754
NAA6153	NAA6153-004	3	4	Halloysite	0.62	Dickite	0.38	131.9	1842
NAA6153	NAA6153-005	4	5	Halloysite	0.64	Dickite	0.36	155.28	1253.9
NAA6153	NAA6153-006	5	6	Halloysite	0.68	Dickite	0.32	208.65	1506.2
NAA6153	NAA6153-007	6	7	Halloysite	0.69	Dickite	0.31	147.17	1442.7
NAA6153	NAA6153-008	7	8	Halloysite	0.61	Dickite	0.39	156.44	1207.7
NAA6153	NAA6153-009	8	9	Halloysite	0.66	Dickite	0.34	114.26	1728
NAA6153	NAA6153-010	9	10	Halloysite	0.68	Dickite	0.32	107.67	2231.4
NAA6153	NAA6153-011	10	11	Halloysite	0.66	Dickite	0.34	131.28	2960
NAA6153	NAA6153-012	11	12	Halloysite	0.69	Dickite	0.31	127.5	2819.5
NAA6153	NAA6153-013	12	13	Kaolinite	0.59	Halloysite	0.41	125.37	2441.1
NAA6153	NAA6153-014	13	14	Halloysite	1	NULL		202.85	2067.5
NAA6153	NAA6153-015	14	15	Halloysite	0.75	YellowMarker	0.26	654.96	1134.7
NAA6153	NAA6153-016	15	16	Dickite	1	NULL		776.17	1785.4
NAA6153	NAA6153-017	16	17	Halloysite	0.81	IsaWhite	0.19	321.22	1023.8
NAA6154	NAA6154-001	0	1	Halloysite	1	NULL		568.26	1653.3
NAA6154	NAA6154-002	1	2	Halloysite	1	NULL		373.75	2057.9
NAA6154	NAA6154-003	2	3	Halloysite	1	NULL		412.35	2119.9
NAA6154	NAA6154-004	3	4	Halloysite	1	NULL		284.72	1604.5
NAA6154	NAA6154-005	4	5	Halloysite	0.66	Dickite	0.34	222.92	1854.4
NAA6154	NAA6154-006	5	6	Halloysite	0.67	Dickite	0.33	111.77	1499.6
NAA6154	NAA6154-007	6	7	Halloysite	0.7	Dickite	0.3	127.98	1207.1
NAA6154	NAA6154-008	7	8	Illite	0.51	Kaolinite	0.49	51.579	1914.3
NAA6154	NAA6154-009	8	9	Halloysite	0.67	Illite	0.33	78.418	1919.2
NAA6154	NAA6154-010	9	10	Illite	0.8	Halloysite	0.2	88.681	1205.4
NAA6154	NAA6154-011	10	11	Illite	0.78	WhiteMarker	0.23	420.25	779.1
NAA6154	NAA6154-012	11	12	Illite	0.52	WhiteMarker	0.48	573.37	556.7
NAA6155	NAA6155-001	0	1	Wood	0.54	Illite	0.46	213.81	1663.9
NAA6155	NAA6155-002	1	2	Halloysite	1	NULL		471.92	1632.9
NAA6155	NAA6155-003	2	3	Halloysite	1	NULL		448.61	2087.3
NAA6155	NAA6155-004	3	4	Halloysite	1	NULL		399.27	2531.3
NAA6155	NAA6155-005	4	5	Halloysite	0.55	Illite	0.46	186	1998.4
NAA6155	NAA6155-006	5	6	Halloysite	1	NULL		265	1479.5
NAA6155	NAA6155-007	6	7	WhiteMarker	0.58	Halloysite	0.42	416.7	533.8
NAA6155	NAA6155-008	7	8	Halloysite	0.81	YellowMarker	0.19	303.03	967
NAA6156	NAA6156-001	0	1	WhiteMarker	1	NULL		504.39	520
NAA6156	NAA6156-002	1	2	Halloysite	0.75	IsaWhite	0.25	425.35	1106.8
NAA6156	NAA6156-003	2	3	Halloysite	0.54	Dickite	0.46	391.29	1308.1
NAA6156	NAA6156-004	3	4	WhiteMarker	0.52	Halloysite	0.48	272.98	678.4
NAA6156	NAA6156-005	4	5	Halloysite	0.53	WhiteMarker	0.47	347.22	800.3
NAA6156	NAA6156-006	5	6	Halloysite	1	NULL		288.03	1384.4
NAA6156	NAA6156-007	6	7	Halloysite	0.7	Dickite	0.3	170.25	1609.8
NAA6156	NAA6156-008	7	8	Halloysite	0.76	Dickite	0.24	117.86	2240.6
NAA6156	NAA6156-009	8	9	Halloysite	0.56	Kaolinite	0.44	91.399	1855.3
NAA6156	NAA6156-010	9	10	Halloysite	0.58	Kaolinite	0.42	91.973	1679.6

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
NAA6156	NAA6156-011	10	11	Kaolinite	0.61	Illite	0.39	64.951	1809.4
NAA6156	NAA6156-012	11	12	Illite	0.58	Kaolinite	0.42	53.372	1789.9
NAA6156	NAA6156-013	12	13	Illite	0.51	Kaolinite	0.49	57.053	1685.6
NAA6156	NAA6156-014	13	14	Illite	0.75	Halloysite	0.25	115.84	1246.1
NAA6156	NAA6156-015	14	15	Kaolinite	0.54	Illite	0.46	49.176	1464.6
NAA6156	NAA6156-016	15	16	Illite	1	NULL		726.25	1831
NAA6156	NAA6156-017	16	17	Illite	0.85	WhiteMarker	0.15	191.08	1048.3
NAA6156	NAA6156-018	17	18	Illite	0.6	WhiteMarker	0.4	177	620.1
NAA6156	NAA6156-019	18	19	Illite	0.58	Kaolinite	0.42	61.388	2081.5
NAA6156	NAA6156-020	19	20	Illite	0.51	Kaolinite	0.49	53.981	2163.4
NAA6156	NAA6156-021	20	21	Illite	0.62	Kaolinite	0.38	69.573	1606.2
NAA6156	NAA6156-022	21	22	Illite	0.72	Kaolinite	0.28	73.157	2379.4
NAA6156	NAA6156-023	22	23	Illite	0.74	Halloysite	0.26	162.93	1264.1
NAA6156	NAA6156-024	23	24	Illite	1	NULL		183.23	1363.8
NAA6156	NAA6156-025	24	25	Illite	0.6	Kaolinite	0.4	221.69	2549.6
NAA6156	NAA6156-026	25	26	Illite	0.57	Kaolinite	0.43	119.95	2056.1
NAA6156	NAA6156-027	26	27	Illite	1	NULL		197.68	1595
NAA6156	NAA6156-028	27	28	Illite	0.68	WhiteMarker	0.32	347.16	946.7
NAA6156	NAA6156-029	28	29	WhiteMarker	1	NULL		803.72	507.8
NAA6156	NAA6156-030	29	30	Illite	1	NULL		765.64	1035.8
NAA6156	NAA6156-031	30	31	Illite	1	NULL		166.11	1463.8
NAA6156	NAA6156-032	31	32	Illite	0.84	WhiteMarker	0.16	302.26	780.4
NAA6156	NAA6156-033	32	33	FeTourmaline	0.67	Brucite	0.33	488.71	1373
NAA6157	NAA6157-001	0	1	Halloysite	1	NULL		291.29	1741.6
NAA6157	NAA6157-002	1	2	Halloysite	0.57	Dickite	0.43	311.23	1610.2
NAA6157	NAA6157-003	2	3	Halloysite	0.64	Nacrite	0.36	230.25	1469.5
NAA6157	NAA6157-004	3	4	Halloysite	0.68	Dickite	0.32	126.11	1777.3
NAA6157	NAA6157-005	4	5	Halloysite	0.68	Dickite	0.32	194.45	1681.4
NAA6157	NAA6157-006	5	6	Halloysite	0.65	Dickite	0.35	165.71	2517.6
NAA6157	NAA6157-007	6	7	Halloysite	0.64	Dickite	0.36	178.25	1921.5
NAA6157	NAA6157-008	7	8	Halloysite	0.64	Dickite	0.36	214.82	1619.5
NAA6157	NAA6157-009	8	9	Halloysite	1	NULL		318.04	1986.6
NAA6157	NAA6157-010	9	10	Halloysite	1	NULL		475.68	2166.4
NAA6157	NAA6157-011	10	11	Halloysite	0.66	Dickite	0.34	200.67	2135.6
NAA6157	NAA6157-012	11	12	Halloysite	0.67	Dickite	0.33	191.73	2234.3
NAA6157	NAA6157-013	12	13	Kaolinite	0.66	Illite	0.34	81.526	1319.2
NAA6157	NAA6157-014	13	14	Muscovite	0.54	Kaolinite	0.46	74.69	2237.9
NAA6157	NAA6157-015	14	15	Muscovite	0.52	Kaolinite	0.48	83.102	1602
NAA6157	NAA6157-016	15	16	Kaolinite	0.55	Illite	0.45	115.37	1755.6
NAA6157	NAA6157-017	16	17	Illite	0.72	Halloysite	0.28	160.08	1539.4
NAA6157	NAA6157-018	17	18	Illite	0.75	Kaolinite	0.26	140.03	2196.8
NAA6157	NAA6157-019	18	19	Illite	0.62	Halloysite	0.38	232.57	2446.5
NAA6157	NAA6157-020	19	20	Illite	1	NULL		108.48	1366.3
NAA6157	NAA6157-021	20	21	Muscovite	0.71	Kaolinite	0.28	150.17	2486
NAA6157	NAA6157-022	21	22	Illite	1	NULL		166.39	1950.1
NAA6157	NAA6157-023	22	23	Illite	1	NULL		440.16	1599.1
NAA6158	NAA6158-001	0	1	Siderite	0.68	Halloysite	0.32	328.51	1100.5
NAA6158	NAA6158-002	1	2	Halloysite	1	NULL		444.73	1975.3
NAA6158	NAA6158-003	2	3	Halloysite	1	NULL		308.26	1809
NAA6158	NAA6158-004	3	4	Halloysite	1	NULL		278.6	1655.8
NAA6158	NAA6158-005	4	5	Halloysite	1	NULL		1347.34	1253.7
NAA6158	NAA6158-006	5	6	Halloysite	1	NULL		305.67	1570.7
NAA6159	NAA6159-001	0	1	Halloysite	0.58	DryVegetation	0.42	177.83	1762.5
NAA6159	NAA6159-002	1	2	Halloysite	0.7	YellowMarker	0.29	368.99	816.8
NAA6159	NAA6159-003	2	3	WhiteMarker	1	NULL		703.74	532
NAA6159	NAA6159-004	3	4	WhiteMarker	1	NULL		537.24	512.1
NAA6159	NAA6159-005	4	5	Halloysite	1	NULL		495.48	2028.6
NAA6159	NAA6159-006	5	6	Halloysite	1	NULL		231.59	2224.5
NAA6160	NAA6160-001	0	1	Halloysite	1	NULL		1275.47	1147.1
NAA6160	NAA6160-002	1	2	Halloysite	1	NULL		437.29	1610.2
NAA6160	NAA6160-003	2	3	Halloysite	1	NULL		413.93	2681.3
NAA6160	NAA6160-004	3	4	Halloysite	1	NULL		446.93	2132.7
NAA6160	NAA6160-005	4	5	Halloysite	1	NULL		660.12	2345.2
NAA6160	NAA6160-006	5	6	Halloysite	1	NULL		347.01	2255.5

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
NAA6160	NAA6160-007	6	7	Halloysite	1	NULL		218.44	2418.8
NAA6160	NAA6160-008	7	8	Halloysite	1	NULL		295.35	1954.1
NAA6161	NAA6161-001	0	1	Halloysite	0.72	WhiteMarker	0.28	517.47	1107.9
NAA6161	NAA6161-002	1	2	WhiteMarker	0.55	Kaolinite	0.45	304.48	1082.9
NAA6161	NAA6161-003	2	3	Kaolinite	0.54	Illite	0.46	98.943	2707.2
NAA6161	NAA6161-004	3	4	Halloysite	0.69	Paragonite	0.31	81.243	1698.7
NAA6161	NAA6161-005	4	5	Kaolinite	0.5	Illite	0.5	79.245	2341.5
NAA6161	NAA6161-006	5	6	Illite	0.54	Halloysite	0.46	165.98	2335.9
NAA6161	NAA6161-007	6	7	Halloysite	1	NULL		1706.73	2469.8
NAA6162	NAA6162-001	0	1	Halloysite	0.75	IsaYellow	0.25	886.09	1068.8
NAA6162	NAA6162-002	1	2	WhiteMarker	1	NULL		419.08	537.2
NAA6162	NAA6162-003	2	3	Halloysite	0.52	Kaolinite	0.48	169.58	2497.3
NAA6162	NAA6162-004	3	4	Halloysite	1	NULL		777.19	934
NAA6163	NAA6163-001	0	1	Halloysite	0.64	Dickite	0.36	266.57	1930.8
NAA6163	NAA6163-002	1	2	Halloysite	0.64	Dickite	0.36	188.3	1590.3
NAA6163	NAA6163-003	2	3	Halloysite	1	NULL		346.92	1376
NAA6163	NAA6163-004	3	4	Halloysite	0.69	Dickite	0.31	95.602	1536
NAA6163	NAA6163-005	4	5	Halloysite	0.68	Dickite	0.32	110.48	1453.2
NAA6163	NAA6163-006	5	6	Halloysite	0.67	Dickite	0.33	167.82	1774.1
NAA6163	NAA6163-007	6	7	Halloysite	0.69	Dickite	0.31	128.05	1428.2
NAA6163	NAA6163-008	7	8	Halloysite	0.66	Dickite	0.34	137.19	2179.8
NAA6163	NAA6163-009	8	9	Halloysite	0.67	Dickite	0.33	174.35	1723.4
NAA6163	NAA6163-010	9	10	Halloysite	0.68	Dickite	0.32	125.23	1905.1
NAA6164	NAA6164-001	0	1	Illite	0.76	Halloysite	0.24	122.47	1793.7
NAA6164	NAA6164-002	1	2	Muscovite	0.69	Halloysite	0.31	72.058	1479.1
NAA6164	NAA6164-003	2	3	Montmorillonite	0.64	Kaolinite	0.36	40.746	1467.3
NAA6164	NAA6164-004	3	4	Illite	0.57	Halloysite	0.43	109.16	1620.8
NAA6164	NAA6164-005	4	5	Illite	0.7	Halloysite	0.3	53.322	1735.9
NAA6164	NAA6164-006	5	6	Illite	1	NULL		85.339	1823.8
NAA6164	NAA6164-007	6	7	Montmorillonite	0.6	Nontronite	0.4	61.915	1277.5
NAA6164	NAA6164-008	7	8	Illite	1	NULL		83.416	2804.7
NAA6165	NAA6165-001	0	1	Halloysite	1	NULL		3149.15	1775.8
NAA6165	NAA6165-002	1	2	Kaolinite	0.54	Halloysite	0.47	75.21	1513.3
NAA6165	NAA6165-003	2	3	Halloysite	0.52	Kaolinite	0.48	65.629	1439.7
NAA6165	NAA6165-004	3	4	Halloysite	0.51	Kaolinite	0.49	67.618	1391.3
NAA6165	NAA6165-005	4	5	Montmorillonite	0.7	Kaolinite	0.3	75.723	1994.8
NAA6165	NAA6165-006	5	6	Montmorillonite	0.61	Kaolinite	0.39	78.733	1483.6
NAA6165	NAA6165-007	6	7	Montmorillonite	0.7	Halloysite	0.3	192.41	970.5
NAA6165	NAA6165-008	7	8	Montmorillonite	0.75	Halloysite	0.26	42.721	1554.1
NAA6165	NAA6165-009	8	9	Montmorillonite	0.66	Kaolinite	0.34	65.983	1686.1
NAA6165	NAA6165-010	9	10	Montmorillonite	0.68	Nontronite	0.32	41.464	1714.8
NAA6165	NAA6165-011	10	11	Montmorillonite	0.62	Nontronite	0.38	47.782	2473.3
NAA6165	NAA6165-012	11	12	Montmorillonite	0.68	Nontronite	0.32	54.052	1926.7
NAA6165	NAA6165-013	12	13	Montmorillonite	0.62	IntChlorite	0.38	64.485	2345.3
NAA6165	NAA6165-014	13	14	Montmorillonite	0.7	Nontronite	0.3	54.418	1542
NAA6165	NAA6165-015	14	15	Montmorillonite	0.71	Nontronite	0.29	34.578	2181.7
NAA6165	NAA6165-016	15	16	Montmorillonite	0.71	Nontronite	0.29	42.609	1727.5
NAA6165	NAA6165-017	16	17	Montmorillonite	0.68	Halloysite	0.32	117.21	1352.6
NAA6165	NAA6165-018	17	18	Montmorillonite	0.69	Siderite	0.31	43.99	2334.9
NAA6165	NAA6165-019	18	19	Montmorillonite	1	NULL		296.9	1209.7
NAA6165	NAA6165-020	19	20	Montmorillonite	0.74	Nontronite	0.26	63.647	1453.5
NAA6165	NAA6165-021	20	21	Montmorillonite	0.69	Nontronite	0.31	152.86	1395.5
NAA6165	NAA6165-022	21	22	Montmorillonite	0.8	Nontronite	0.2	71.519	1345.1
NAA6165	NAA6165-023	22	23	Montmorillonite	0.79	Nontronite	0.21	63.603	1871.8
NAA6166	NAA6166-001	0	1	Halloysite	1	NULL		447.43	1326.3
NAA6166	NAA6166-002	1	2	Montmorillonite	0.73	Kaolinite	0.27	53.874	1490
NAA6166	NAA6166-003	2	3	Montmorillonite	0.75	Kaolinite	0.25	67.285	1084.6
NAA6166	NAA6166-004	3	4	Montmorillonite	1	NULL		84.958	1440.6
NAA6166	NAA6166-005	4	5	Montmorillonite	1	NULL		87.754	1335.3
NAA6166	NAA6166-006	5	6	Montmorillonite	0.82	Nontronite	0.18	50.249	1619.4
NAA6166	NAA6166-007	6	7	Montmorillonite	0.81	Nontronite	0.2	39.853	1487
NAA6166	NAA6166-008	7	8	Montmorillonite	1	NULL		51.901	1438.4
NAA6166	NAA6166-009	8	9	Montmorillonite	0.77	Nontronite	0.23	52.637	1706.4
NAA6166	NAA6166-010	9	10	Montmorillonite	1	NULL		63.202	1072.6

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
NAA6166	NAA6166-011	10	11	Montmorillonite	0.83	Kaolinite	0.17	65.429	1485.2
NAA6166	NAA6166-012	11	12	Montmorillonite	0.67	Nontronite	0.33	86.765	1701.7
NAA6166	NAA6166-013	12	13	Montmorillonite	0.61	Nontronite	0.39	107.59	1305.2
NAA6166	NAA6166-014	13	14	Montmorillonite	0.6	Nontronite	0.4	181.89	1615.6
NAA6167	NAA6167-001	0	1	Halloysite	0.63	Wood	0.37	153.61	1475.5
NAA6167	NAA6167-002	1	2	Halloysite	1	NULL		226.04	1340.8
NAA6167	NAA6167-003	2	3	Montmorillonite	0.72	Kaolinite	0.28	49.605	1798.1
NAA6167	NAA6167-004	3	4	Montmorillonite	0.81	Nontronite	0.2	64.986	1387.8
NAA6167	NAA6167-005	4	5	Montmorillonite	0.69	Siderite	0.3	27.582	1865.7
NAA6167	NAA6167-006	5	6	Montmorillonite	0.81	Kaolinite	0.2	40.21	1694.5
NAA6167	NAA6167-007	6	7	Montmorillonite	0.81	Kaolinite	0.19	41.026	1701.4
NAA6167	NAA6167-008	7	8	Montmorillonite	0.73	Nontronite	0.27	68.616	1625.3
NAA6167	NAA6167-009	8	9	Montmorillonite	0.76	Nontronite	0.25	57.962	1823
NAA6167	NAA6167-010	9	10	Montmorillonite	0.71	Nontronite	0.29	91.277	1510.6
NAA6167	NAA6167-011	10	11	Montmorillonite	0.69	Nontronite	0.31	58.408	1338.3
NAA6167	NAA6167-012	11	12	Montmorillonite	0.69	Nontronite	0.31	58.524	1623.7
NAA6167	NAA6167-013	12	13	Montmorillonite	0.64	Nontronite	0.36	49.696	1543.1
NAA6167	NAA6167-014	13	14	Montmorillonite	0.71	Nontronite	0.29	59.996	1400.9
NAA6167	NAA6167-015	14	15	Montmorillonite	0.78	Nontronite	0.22	65.088	1811.9
NAA6167	NAA6167-016	15	16	Montmorillonite	0.69	Nontronite	0.31	65.965	1491.3
NAA6167	NAA6167-017	16	17	Montmorillonite	0.71	Nontronite	0.29	76.545	1876.3
NAA6167	NAA6167-018	17	18	Montmorillonite	0.75	Nontronite	0.25	101.23	1704.3
NAA6167	NAA6167-019	18	19	Montmorillonite	1	NULL		95.027	2627.1
NAA6168	NAA6168-001	0	1	Halloysite	0.68	Dickite	0.32	112.61	1646.3
NAA6168	NAA6168-002	1	2	Halloysite	0.71	Dickite	0.29	143.26	1161.6
NAA6168	NAA6168-003	2	3	Halloysite	0.71	Dickite	0.29	123.9	1498.5
NAA6168	NAA6168-004	3	4	Montmorillonite	0.66	Kaolinite	0.34	83.123	1358.6
NAA6168	NAA6168-005	4	5	Montmorillonite	0.67	Nontronite	0.34	93.75	1713.2
NAA6168	NAA6168-006	5	6	Montmorillonite	0.67	Nontronite	0.33	98.901	1123.6
NAA6168	NAA6168-007	6	7	Montmorillonite	0.7	Kaolinite	0.3	130.19	940.8
NAA6168	NAA6168-008	7	8	Montmorillonite	0.76	Kaolinite	0.24	101.17	986.2
NAA6168	NAA6168-009	8	9	Montmorillonite	0.72	Nontronite	0.28	114.62	1856.5
NAA6168	NAA6168-010	9	10	Opal	0.51	Illite	0.49	112.05	1932.1
NAA6168	NAA6168-011	10	11	Montmorillonite	0.81	Ankerite	0.19	55.04	1181.6
NAA6168	NAA6168-012	11	12	Montmorillonite	0.64	Siderite	0.36	68.66	1572.1
NAA6168	NAA6168-013	12	13	Montmorillonite	0.66	Siderite	0.34	69.734	1330.6
NAA6168	NAA6168-014	13	14	Montmorillonite	1	NULL		206.97	1070.7
NAA6168	NAA6168-015	14	15	Montmorillonite	0.71	Nontronite	0.29	166.28	1148.5
NAA6168	NAA6168-016	15	16	Montmorillonite	0.63	Siderite	0.37	69.864	882
NAA6168	NAA6168-017	16	17	Illite	1	NULL		305.91	1208.6
NAA6169	NAA6169-001	0	1	Halloysite	1	NULL		955.46	982.1
NAA6169	NAA6169-002	1	2	Halloysite	0.73	Dickite	0.27	145.39	1010.5
NAA6169	NAA6169-003	2	3	Kaolinite	0.6	Montmorillonite	0.4	74.248	1191.3
NAA6169	NAA6169-004	3	4	Montmorillonite	0.51	Kaolinite	0.49	68.762	1142.3
NAA6169	NAA6169-005	4	5	Montmorillonite	0.55	Kaolinite	0.45	89.295	1565.6
NAA6169	NAA6169-006	5	6	Montmorillonite	0.61	Kaolinite	0.39	97.279	1763.8
NAA6169	NAA6169-007	6	7	Nontronite	0.59	Halloysite	0.41	174.77	1706.3
NAA6169	NAA6169-008	7	8	Opal	1	NULL		251.95	859.3
NAA6169	NAA6169-009	8	9	Nontronite	0.54	Halloysite	0	157.88	2282.6
NAA6169	NAA6169-010	9	10	Nontronite	0.65	Halloysite	0	167.3	1407.8
NAA6169	NAA6169-011	10	11	Montmorillonite	1	NULL		802.85	1330.2
NAA6169	NAA6169-012	11	12	Aspectral	NULL			5000	809.3
NAA6169	NAA6169-013	12	13	Montmorillonite	0.69	Nontronite	0	194.86	1596.5
NAA6169	NAA6169-014	13	14	Prehnite	0.62	Halloysite	0	354.35	1893.2
NAA6169	NAA6169-015	14	15	Opal	1	NULL		236.9	1389.5
NAA6170	NAA6170-001	0	1	Kaolinite	0.53	Montmorillonite	0	105.14	2119.5
NAA6170	NAA6170-002	1	2	Kaolinite	0.51	Montmorillonite	0	67.329	1958.3
NAA6170	NAA6170-003	2	3	Montmorillonite	0.6	Kaolinite	0	131.09	1071.9
NAA6170	NAA6170-004	3	4	Montmorillonite	0.68	Nontronite	0	147.44	1060.3
NAA6170	NAA6170-005	4	5	Montmorillonite	0.72	Nontronite	0	73.932	839.9
NAA6170	NAA6170-006	5	6	Montmorillonite	0.64	Nontronite	0	110.34	1598.4
NAA6170	NAA6170-007	6	7	Montmorillonite	0.62	Nontronite	0	150.01	1063.4
NAA6170	NAA6170-008	7	8	Montmorillonite	0.74	Nontronite	0	104.56	1665
NAA6170	NAA6170-009	8	9	Nontronite	0.67	Halloysite	0	325.61	743.3

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
NAA6170	NAA6170-010	9	10	Opal	1	NULL		249.96	804.4
NAA6170	NAA6170-011	10	11	Montmorillonite	1	NULL		330.62	917.8
NAA6170	NAA6170-012	11	12	Nontronite	1	NULL		525.57	796.1
NAA6171	NAA6171-001	0	1	Nontronite	0.68	Dickite	0	373.63	667.9
NAA6171	NAA6171-002	1	2	Montmorillonite	0.69	Nontronite	0	158.96	1654
NAA6171	NAA6171-003	2	3	Montmorillonite	1	NULL		321.7	887
NAA6171	NAA6171-004	3	4	Montmorillonite	0.58	Nontronite	0	342.67	632.1
NAA6171	NAA6171-005	4	5	Montmorillonite	1	NULL		859.44	794.1
NAA6171	NAA6171-006	5	6	Nontronite	1	NULL		303.88	783.8
NAA6171	NAA6171-007	6	7	Nontronite	0.64	Illite	0	222.11	1202.5
NAA6171	NAA6171-008	7	8	Montmorillonite	1	NULL		673.9	1168
NAA6171	NAA6171-009	8	9	Nontronite	1	NULL		553.09	745.5
NAA6171	NAA6171-010	9	10	Montmorillonite	1	NULL		787.68	888.8
NAA6171	NAA6171-011	10	11	Montmorillonite	0.52	Nontronite	0	92.652	1573.8
NAA6171	NAA6171-012	11	12	Montmorillonite	0.57	Nontronite	0	379.59	793.5
NAA6171	NAA6171-013	12	13	Aspectral		NULL		5000	513.1
NAA6171	NAA6171-014	13	14	Dark		NULL		5000	417.1
NAA6171	NAA6171-015	14	15	Dark		NULL		5000	194.5
NAA6171	NAA6171-016	15	16	Aspectral		NULL		5000	496.5
NAA6171	NAA6171-017	16	17	Nontronite	1	NULL		176.18	832.3
NAA6172	NAA6172-001	0	1	Opal	0.55	Halloysite	0	222.81	2078.7
NAA6172	NAA6172-002	1	2	Halloysite	0.72	Gypsum	0	1256.98	2005
NAA6172	NAA6172-003	2	3	Halloysite	0.66	Illite	0	90.096	1552.2
NAA6172	NAA6172-004	3	4	Illite	0.58	MgChlorite	0	83.154	2273.7
NAA6172	NAA6172-005	4	5	Illite	0.55	MgChlorite	0	107.97	2025
NAA6173	NAA6173-001	0	1	Halloysite	1	NULL		437.85	1074.8
NAA6173	NAA6173-002	1	2	Halloysite	0.6	YellowMarker	0	409.85	628.7
NAA6173	NAA6173-003	2	3	Montmorillonite	0.55	Halloysite	0	127.78	1056
NAA6173	NAA6173-004	3	4	Halloysite	0.52	Phengite	0	154.56	1547.7
NAA6173	NAA6173-005	4	5	Muscovite	0.67	Halloysite	0	257.1	1665.6
NAA6173	NAA6173-006	5	6	Illite	0.77	WhiteMarker	0	505.8	846.7
NAA6173	NAA6173-007	6	7	Illite	1	NULL		115.86	1467.1
NAA6173	NAA6173-008	7	8	Illite	0.7	Halloysite	0	160.73	1945.5
NAA6173	NAA6173-009	8	9	Illite	1	NULL		418.27	897.8
NAA6173	NAA6173-010	9	10	Illite	1	NULL		283.71	669.8
NAA6173	NAA6173-011	10	11	Muscovite	1	NULL		450.31	851.6
NAA6173	NAA6173-012	11	12	Muscovite	1	NULL		249.64	1564.9
NAA6173	NAA6173-013	12	13	Illite	1	NULL		180.93	1567.8
NAA6173	NAA6173-014	13	14	Muscovite	1	NULL		182.42	1424.8
NAA6174	NAA6174-001	0	1	Illite	1	NULL		72.728	1927.4
NAA6174	NAA6174-002	1	2	Illite	0.6	Halloysite	0	96.948	1179
NAA6174	NAA6174-003	2	3	Illite	0.59	Halloysite	0	328.05	1127.8
NAA6174	NAA6174-004	3	4	Illite	0.74	Halloysite	0	134.96	861.8
NAA6174	NAA6174-005	4	5	Illite	1	NULL		99.059	2065.3
NAA6174	NAA6174-006	5	6	Illite	0.73	Halloysite	0	132.67	1133
NAA6175	NAA6175-001	0	1	Illite	0.6	Kaolinite	0	360.13	1147.2
NAA6175	NAA6175-002	1	2	Halloysite	1	NULL		396.48	1434.8
NAA6175	NAA6175-003	2	3	Muscovite	0.53	Kaolinite	0	52.527	1332.8
NAA6175	NAA6175-004	3	4	Illite	0.62	Halloysite	0	116.05	1804.3
NAA6175	NAA6175-005	4	5	Halloysite	0.5	Kaolinite	1	67.728	1265.8
NAA6175	NAA6175-006	5	6	Kaolinite	0.65	Halloysite	0	50.293	1376.1
NAA6175	NAA6175-007	6	7	Kaolinite	0.61	Halloysite	0	68.113	1284.6
NAA6175	NAA6175-008	7	8	Kaolinite	0.66	Halloysite	0	57.162	1722
NAA6175	NAA6175-009	8	9	Kaolinite	0.63	Halloysite	0	69.988	1758.7
NAA6175	NAA6175-010	9	10	Kaolinite	0.64	Halloysite	0	71.213	1348.9
NAA6175	NAA6175-011	10	11	Kaolinite	0.66	Halloysite	0	57.593	2378.8
NAA6175	NAA6175-012	11	12	Kaolinite	0.73	Halloysite	0	73.553	1569.3
NAA6175	NAA6175-013	12	13	Kaolinite	0.63	Muscovite	0	103.92	1160.5
NAA6175	NAA6175-014	13	14	Kaolinite	0.53	Illite	0	75.462	2082.8
NAA6176	NAA6176-001	0	1	Illite	0.62	Halloysite	0	301.69	1681.5
NAA6176	NAA6176-002	1	2	Illite	0.58	Halloysite	0	239.25	1199.2
NAA6176	NAA6176-003	2	3	Illite	0.56	Halloysite	0	62.827	2211.9
NAA6176	NAA6176-004	3	4	Illite	0.58	Halloysite	0	104.79	858.8
NAA6176	NAA6176-005	4	5	Halloysite	0.51	Montmorillonite	0	63.912	895.7

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
NAA6176	NAA6176-006	5	6	Illite	0.76	Kaolinite	0	92.614	1037.3
NAA6176	NAA6176-007	6	7	Illite	0.83	Halloysite	0	82.75	1765
NAA6177	NAA6177-001	0	1	Illite	0.51	Kaolinite	0	117.6	1699.8
NAA6177	NAA6177-002	1	2	Halloysite	1	NULL		196.93	1300.5
NAA6177	NAA6177-003	2	3	Montmorillonite	0.64	Kaolinite	0	125.93	982.7
NAA6177	NAA6177-004	3	4	Montmorillonite	0.73	Kaolinite	0	79.145	913.8
NAA6178	NAA6178-001	0	1	Halloysite	1	NULL		567	1219.5
NAA6178	NAA6178-002	1	2	Kaolinite	0.54	Montmorillonite	0	52.374	1241.8
NAA6178	NAA6178-003	2	3	Kaolinite	0.51	Montmorillonite	0	68.516	648.3
NAA6178	NAA6178-004	3	4	Kaolinite	0.51	Montmorillonite	0	46.249	2197.3
NAA6178	NAA6178-005	4	5	Kaolinite	0.52	Montmorillonite	0	112.04	830.2
NAA6178	NAA6178-006	5	6	Kaolinite	0.54	Montmorillonite	0	53.504	1708.3
NAA6178	NAA6178-010	9	10	Montmorillonite	0.66	Kaolinite	0	119.99	1987.2
NAA6178	NAA6178-011	10	11	Dark		NULL		5000	206.1
NAA6178	NAA6178-012	11	12	Nontronite	0.64	Halloysite	0	386.44	993.1
NAA6178	NAA6178-013	12	13	Opal	1	NULL		481.53	1126.6
NAA6178	NAA6178-014	13	14	Aspectral		NULL		5000	955.9
NAA6179	NAA6179-001	0	1	Montmorillonite	1	NULL		318.26	1166.7
NAA6179	NAA6179-002	1	2	Montmorillonite	1	NULL		206.06	1117.8
NAA6179	NAA6179-003	2	3	WhiteMarker	1	NULL		983.73	353.8
NAA6179	NAA6179-004	3	4	Montmorillonite	0.76	Nontronite	0	108.34	1612.5
NAA6179	NAA6179-005	4	5	Montmorillonite	1	NULL		625.36	1190.6
NAA6179	NAA6179-006	5	6	Montmorillonite	1	NULL		227.47	1250.9
NAA6179	NAA6179-007	6	7	Opal	1	NULL		254.26	1249.9
NAA6179	NAA6179-008	7	8	Siderite	0.58	Montmorillonite	0	119.88	1366.5
NAA6179	NAA6179-009	8	9	Siderite	0.57	Montmorillonite	0	197.52	862.6
NAA6179	NAA6179-010	9	10	Nontronite	1	NULL		745.97	685.5
NAA6180	NAA6180-001	0	1	Halloysite	1	NULL		420.69	1738.6
NAA6180	NAA6180-002	1	2	Montmorillonite	0.64	Kaolinite	0	99.094	1535.6
NAA6180	NAA6180-003	2	3	Montmorillonite	0.76	Kaolinite	0	102.56	1735.6
NAA6180	NAA6180-004	3	4	Nontronite	1	NULL		720.73	724.3
NAA6180	NAA6180-005	4	5	Montmorillonite	0.55	Nontronite	0	397.87	941.9
NAA6180	NAA6180-006	5	6	Montmorillonite	0.55	Nontronite	0	296.76	1018
NAA6180	NAA6180-007	6	7	Montmorillonite	0.52	Siderite	0	121.94	1082.2
NAA6180	NAA6180-008	7	8	Montmorillonite	0.53	Siderite	0	138.65	1317.9
NAA6181	NAA6181-001	0	1	Halloysite	1	NULL		498.03	2684.2
NAA6181	NAA6181-002	1	2	Montmorillonite	0.79	Kaolinite	0	64.995	2288.9
NAA6181	NAA6181-003	2	3	Montmorillonite	0.63	Halloysite	0	165.57	1123.3
NAA6181	NAA6181-004	3	4	Nontronite	1	NULL		666.16	574.2
NAA6181	NAA6181-005	4	5	Illite	1	NULL		194.83	558.9
NAA6181	NAA6181-006	5	6	Montmorillonite	0.77	Kaolinite	0	92.652	1029.3
NAA6181	NAA6181-007	6	7	Illite	0.53	Montmorillonite	0	92.069	1757
NAA6181	NAA6181-008	7	8	Montmorillonite	0.54	Illite	0	109.62	1546.9
NAA6181	NAA6181-009	8	9	Illite	0.61	Halloysite	0	238.14	1265.6
NAA6181	NAA6181-010	9	10	Illite	1	NULL		70.313	2033.4
NAA6181	NAA6181-011	10	11	Montmorillonite	0.52	Illite	0	103.51	1564
NAA6181	NAA6181-012	11	12	Illite	0.77	Nontronite	0	77.914	1117.9
NAA6181	NAA6181-013	12	13	Illite	0.81	Nontronite	0	86.714	1653.3
NAA6181	NAA6181-014	13	14	Illite	0.73	Nontronite	0	85.727	1205.8
NAA6181	NAA6181-015	14	15	Montmorillonite	0.68	Paragonite	0	62.349	1292.8
NAA6181	NAA6181-016	15	16	Montmorillonite	1	NULL		362.15	1332.6
NAA6182	NAA6182-001	0	1	Halloysite	1	NULL		468.93	1096.3
NAA6182	NAA6182-002	1	2	Halloysite	1	NULL		284.27	2035.7
NAA6182	NAA6182-003	2	3	Montmorillonite	0.55	Kaolinite	0	51.659	1164.6
NAA6182	NAA6182-004	3	4	Kaolinite	0.51	Montmorillonite	0	73.933	1461.6
NAA6182	NAA6182-005	4	5	Kaolinite	0.63	Montmorillonite	0	48.747	2125.6
NAA6182	NAA6182-006	5	6	Kaolinite	0.6	Montmorillonite	0	65.648	1564.3
NAA6182	NAA6182-007	6	7	Kaolinite	0.54	Halloysite	0	71.685	1529.6
NAA6182	NAA6182-008	7	8	Kaolinite	0.59	Halloysite	0	91.283	1556.3
NAA6182	NAA6182-009	8	9	Kaolinite	0.58	Halloysite	0	76.003	1997.5
NAA6182	NAA6182-010	9	10	Kaolinite	0.67	Montmorillonite	0	54.801	2099.8
NAA6182	NAA6182-011	10	11	Montmorillonite	0.51	Kaolinite	0	81.81	1100.3
NAA6182	NAA6182-012	11	12	Montmorillonite	0.56	Halloysite	0	75.379	1176.1
NAA6182	NAA6182-013	12	13	Montmorillonite	0.73	Kaolinite	0	39.562	982.6

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
NAA6182	NAA6182-014	13	14	Montmorillonite	0.84	Halloysite	0	24.552	1355.3
NAA6182	NAA6182-015	14	15	Montmorillonite	0.76	Halloysite	0	42.66	1203.3
NAA6182	NAA6182-016	15	16	Montmorillonite	0.81	Halloysite	0	49.348	1027.5
NAA6182	NAA6182-017	16	17	Montmorillonite	0.78	Kaolinite	0	36.095	1029.2
NAA6182	NAA6182-018	17	18	Montmorillonite	1	NULL		95.841	1027
NAA6182	NAA6182-019	18	19	Montmorillonite	0.76	Kaolinite	0	58.283	1542
NAA6182	NAA6182-020	19	20	Montmorillonite	1	NULL		112.98	1167.7
NAA6182	NAA6182-021	20	21	Montmorillonite	1	NULL		481.45	883.6
NAA6182	NAA6182-022	21	22	Opal	0.52	Illite	0	140.2	1806.4
NAA6182	NAA6182-023	22	23	Illite	1	NULL		443.64	798.7
NAA6182	NAA6182-024	23	24	Illite	0.61	Opal	0	90.3	2849.5
NAA6182	NAA6182-025	24	25	Illite	1	NULL		67.411	1949.3
NAA6183	NAA6183-001	0	1	Halloysite	1	NULL		367.7	1076.1
NAA6183	NAA6183-002	1	2	Halloysite	0.69	Dickite	0	119.98	1517.1
NAA6183	NAA6183-003	2	3	WhiteMarker	1	NULL		532.46	270.4
NAA6183	NAA6183-004	3	4	Montmorillonite	0.74	Siderite	0	34.543	1380.1
NAA6183	NAA6183-005	4	5	Montmorillonite	1	NULL		80.153	1131.3
NAA6183	NAA6183-006	5	6	Montmorillonite	0.8	Nontronite	0	29.587	1519.1
NAA6183	NAA6183-007	6	7	Montmorillonite	0.77	Nontronite	0	54.899	1396
NAA6183	NAA6183-008	7	8	Montmorillonite	0.73	Nontronite	0	59.315	1445.8
NAA6183	NAA6183-009	8	9	Montmorillonite	0.75	Nontronite	0	32.633	1407.1
NAA6183	NAA6183-010	9	10	Montmorillonite	0.71	Nontronite	0	40.395	1716.4
NAA6183	NAA6183-011	10	11	WhiteMarker	1	NULL		738.13	433.7
NAA6183	NAA6183-012	11	12	Montmorillonite	0.69	Nontronite	0	67.066	1489.9
NAA6183	NAA6183-013	12	13	Montmorillonite	0.7	Nontronite	0	64.949	1109.4
NAA6183	NAA6183-014	13	14	Montmorillonite	0.66	Nontronite	0	87.386	1790
NAA6183	NAA6183-015	14	15	Montmorillonite	0.56	Nontronite	0	231.49	1437.7
NAA6183	NAA6183-016	15	16	Montmorillonite	0.57	Nontronite	0	163.82	1797.1
NAA6183	NAA6183-017	16	17	Montmorillonite	0.63	Nontronite	0	67.852	1736.7
NAA6183	NAA6183-018	17	18	Nontronite	0.56	Montmorillonite	0	146.39	1517.6
NAA6183	NAA6183-019	18	19	Nontronite	0.52	Montmorillonite	0	218.23	989.2
NAA6183	NAA6183-020	19	20	Montmorillonite	0.51	Nontronite	0	126.26	2423.5
NAA6183	NAA6183-021	20	21	Dark	NULL			5000	184.2
NAA6183	NAA6183-022	21	22	WhiteMarker	1	NULL		1294.58	673.3
NAA6184	NAA6184-001	0	1	Halloysite	1	NULL		631.31	1194.4
NAA6184	NAA6184-002	1	2	Montmorillonite	0.57	Halloysite	0	98.165	893.4
NAA6184	NAA6184-003	2	3	Montmorillonite	1	NULL		49.134	1315.5
NAA6184	NAA6184-004	3	4	Montmorillonite	1	NULL		28.758	1410.1
NAA6184	NAA6184-005	4	5	Montmorillonite	1	NULL		97.924	1321.4
NAA6184	NAA6184-006	5	6	Montmorillonite	0.78	Nontronite	0	25.418	2046.5
NAA6184	NAA6184-007	6	7	Montmorillonite	0.77	Nontronite	0	90.882	832.4
NAA6184	NAA6184-008	7	8	Montmorillonite	0.78	Nontronite	0	29.912	1867.6
NAA6184	NAA6184-009	8	9	Montmorillonite	1	NULL		35.127	1848.4
NAA6184	NAA6184-010	9	10	Montmorillonite	0.79	Nontronite	0	35.063	2464.6
NAA6184	NAA6184-011	10	11	Montmorillonite	0.82	Nontronite	0	46.88	1130.7
NAA6184	NAA6184-012	11	12	Montmorillonite	0.75	Nontronite	0	33.141	1811.2
NAA6184	NAA6184-013	12	13	Montmorillonite	0.81	Nontronite	0	34.584	1790.7
NAA6184	NAA6184-014	13	14	Montmorillonite	1	NULL		150.53	720.6
NAA6184	NAA6184-015	14	15	Montmorillonite	0.74	Kaolinite	0	71.823	1350.4
NAA6184	NAA6184-016	15	16	Montmorillonite	0.79	Nontronite	0	46.75	1093.7
NAA6184	NAA6184-017	16	17	Montmorillonite	0.79	Nontronite	0	80.655	1236.1
NAA6184	NAA6184-018	17	18	Montmorillonite	0.78	Nontronite	0	42.545	2745.6
NAA6184	NAA6184-019	18	19	Montmorillonite	1	NULL		95.733	1275.9
NAA6184	NAA6184-020	19	20	Montmorillonite	0.8	Nontronite	0	37.553	2202.7
NAA6184	NAA6184-021	20	21	Montmorillonite	0.77	Nontronite	0	82.923	1545.4
NAA6184	NAA6184-022	21	22	Dark	NULL			5000	275
NAA6184	NAA6184-023	22	23	Montmorillonite	1	NULL		108.08	1658.8
NAA6184	NAA6184-024	23	24	Illite	0.63	Nontronite	0	119.73	929.2
NAA6184	NAA6184-025	24	25	WhiteMarker	1	NULL		892.07	269.2
NAA6184	NAA6184-026	25	26	Montmorillonite	1	NULL		282.42	1067.5
NAA6184	NAA6184-027	26	27	Montmorillonite	1	NULL		662.2	1215.3
NAA6184	NAA6184-028	27	28	Montmorillonite	0.69	Nontronite	0	96.765	1795.9
NAA6184	NAA6184-029	28	29	Montmorillonite	1	NULL		90.62	1182.3
NAA6185	NAA6185-001	0	1	Halloysite	0.69	Dickite	0	146.13	1021.1

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
NAA6185	NAA6185-002	1	2	Halloysite	0.56	Illite	0	152.98	1310.4
NAA6185	NAA6185-003	2	3	Halloysite	0.62	Illite	0	106.71	1827.5
NAA6185	NAA6185-004	3	4	Montmorillonite	0.83	Kaolinite	0	53.444	1165.9
NAA6185	NAA6185-005	4	5	Montmorillonite	1	NULL		79.976	1022
NAA6185	NAA6185-006	5	6	Montmorillonite	0.75	Magnesite	0	51.504	2174.8
NAA6185	NAA6185-007	6	7	Montmorillonite	0.8	Kaolinite	0	72.063	835.1
NAA6185	NAA6185-008	7	8	Montmorillonite	0.54	Illite	0	172.73	1724.9
NAA6185	NAA6185-009	8	9	Montmorillonite	0.6	Illite	0	106.06	1932.6
NAA6185	NAA6185-010	9	10	Montmorillonite	0.54	Illite	0	194.81	1760.9
NAA6185	NAA6185-011	10	11	Illite	1	NULL		180.15	990.5
NAA6185	NAA6185-012	11	12	Illite	1	NULL		515.74	729.4
NAA6185	NAA6185-013	12	13	Illite	0.54	Montmorillonite	0	169.2	1235.1
NAA6185	NAA6185-014	13	14	Montmorillonite	0.61	Halloysite	0	137.58	902
NAA6185	NAA6185-015	14	15	Illite	1	NULL		161.78	723.3
NAA6185	NAA6185-016	15	16	Montmorillonite	0.6	Illite	0	174.02	1733.7
NAA6185	NAA6185-017	16	17	Montmorillonite	1	NULL		126.35	1420.3
NAA6185	NAA6185-018	17	18	Montmorillonite	0.73	Nontronite	0	64.527	1765.1
NAA6185	NAA6185-019	18	19	Montmorillonite	1	NULL		88.405	1337.9
NAA6185	NAA6185-020	19	20	Montmorillonite	0.58	Illite	0	173.28	2135.1
NAA6185	NAA6185-021	20	21	Illite	1	NULL		159.09	1454.8
NAA6186	NAA6186-001	0	1	Halloysite	1	NULL		1000.57	1354.2
NAA6186	NAA6186-002	1	2	Montmorillonite	0.59	Kaolinite	0	81.856	1087.2
NAA6186	NAA6186-003	2	3	Montmorillonite	0.69	Kaolinite	0	117.56	1061.4
NAA6186	NAA6186-004	3	4	Montmorillonite	0.69	Kaolinite	0	188.42	1503.6
NAA6186	NAA6186-005	4	5	Montmorillonite	0.76	Halloysite	0	55.041	1424.8
NAA6186	NAA6186-006	5	6	Illite	1	NULL		352.33	873.5
NAA6186	NAA6186-007	6	7	Illite	1	NULL		350.17	762.1
NAA6186	NAA6186-008	7	8	Montmorillonite	1	NULL		201.62	1136.7
NAA6186	NAA6186-009	8	9	Illite	0.52	Montmorillonite	0	66.955	1838.8
NAA6186	NAA6186-010	9	10	Illite	1	NULL		145.34	1738.7
NAA6186	NAA6186-011	10	11	Illite	0.52	Montmorillonite	0	152.73	2064.6
NAA6186	NAA6186-012	11	12	Montmorillonite	0.72	Halloysite	0	83.721	2001.5
NAA6186	NAA6186-013	12	13	Montmorillonite	0.83	Ankerite	0	60.109	1421.2
NAA6186	NAA6186-014	13	14	Montmorillonite	1	NULL		322.79	1111.2
NAA6187	NAA6187-001	0	1	Montmorillonite	0.52	Halloysite	0	174.46	1221.7
NAA6187	NAA6187-002	1	2	Halloysite	1	NULL		473.2	1632.2
NAA6187	NAA6187-003	2	3	Montmorillonite	1	NULL		37.307	1957.4
NAA6187	NAA6187-004	3	4	Montmorillonite	1	NULL		44.542	1278.4
NAA6187	NAA6187-005	4	5	Montmorillonite	1	NULL		69.15	1036.7
NAA6187	NAA6187-006	5	6	Montmorillonite	1	NULL		61.739	1179
NAA6187	NAA6187-007	6	7	Montmorillonite	1	NULL		46.161	1307.3
NAA6187	NAA6187-008	7	8	Montmorillonite	0.84	Nontronite	0	44.272	1250.3
NAA6187	NAA6187-009	8	9	Montmorillonite	1	NULL		51.655	1218.2
NAA6187	NAA6187-010	9	10	Montmorillonite	0.7	Kaolinite	0	85.129	1853.1
NAA6187	NAA6187-011	10	11	Montmorillonite	1	NULL		81.018	1192.3
NAA6187	NAA6187-012	11	12	Montmorillonite	1	NULL		80.242	1167.5
NAA6187	NAA6187-013	12	13	Montmorillonite	1	NULL		52.596	1471
NAA6187	NAA6187-014	13	14	Montmorillonite	1	NULL		85.472	1259.3
NAA6187	NAA6187-015	14	15	Montmorillonite	1	NULL		168.93	1029.8
NAA6187	NAA6187-016	15	16	Montmorillonite	1	NULL		176.76	946.8
NAA6187	NAA6187-017	16	17	Montmorillonite	1	NULL		215.61	1056.5
NAA6187	NAA6187-018	17	18	Montmorillonite	0.73	Nontronite	0	87.959	1060.5
NAA6187	NAA6187-019	18	19	Montmorillonite	0.75	Nontronite	0	98.133	1071.5
NAA6187	NAA6187-020	19	20	Montmorillonite	1	NULL		130.86	880.4
NAA6188	NAA6188-001	0	1	Halloysite	1	NULL		314.06	957.6
NAA6188	NAA6188-002	1	2	Montmorillonite	0.51	Kaolinite	0	118.18	1640.6
NAA6188	NAA6188-003	2	3	Kaolinite	0.53	Montmorillonite	0	54.993	1669.3
NAA6188	NAA6188-004	3	4	Kaolinite	0.5	Montmorillonite	1	54.878	1235.9
NAA6188	NAA6188-005	4	5	Montmorillonite	0.61	Kaolinite	0	57.753	1373.9
NAA6188	NAA6188-006	5	6	Montmorillonite	0.63	Kaolinite	0	79.445	1093.7
NAA6188	NAA6188-007	6	7	Montmorillonite	0.59	Kaolinite	0	60.815	1657.1
NAA6188	NAA6188-008	7	8	Montmorillonite	0.61	Kaolinite	0	61.3	1072
NAA6188	NAA6188-009	8	9	Montmorillonite	0.58	Kaolinite	0	79.856	1173.2
NAA6188	NAA6188-010	9	10	Montmorillonite	0.62	Kaolinite	0	54.633	1362.8

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
NAA6188	NAA6188-011	10	11	Montmorillonite	0.64	Kaolinite	0	75.509	996.9
NAA6188	NAA6188-012	11	12	Montmorillonite	0.64	Kaolinite	0	51.435	977.5
NAA6188	NAA6188-013	12	13	Montmorillonite	0.73	Kaolinite	0	62.527	1725.7
NAA6188	NAA6188-014	13	14	Montmorillonite	0.7	Kaolinite	0	92.384	870.1
NAA6188	NAA6188-015	14	15	Montmorillonite	0.72	Kaolinite	0	73.389	1108.3
NAA6188	NAA6188-016	15	16	Montmorillonite	0.76	Kaolinite	0	63.34	1180.6
NAA6188	NAA6188-017	16	17	Montmorillonite	0.74	Kaolinite	0	70.235	1297.9
NAA6188	NAA6188-018	17	18	Montmorillonite	0.78	Kaolinite	0	65.462	1623
NAA6188	NAA6188-019	18	19	Montmorillonite	0.74	Kaolinite	0	56.01	1229.7
NAA6188	NAA6188-020	19	20	Montmorillonite	0.75	Kaolinite	0	66.542	1280.2
NAA6188	NAA6188-021	20	21	Montmorillonite	1	NULL		217.23	839.7
NAA6188	NAA6188-022	21	22	Montmorillonite	1	NULL		180.44	883.4
NAA6188	NAA6188-023	22	23	Montmorillonite	1	NULL		302.86	1241.9
NAA6188	NAA6188-024	23	24	Montmorillonite	1	NULL		457.54	1327.9
NAA6189	NAA6189-001	0	1	Halloysite	1	NULL		429.7	1725.9
NAA6189	NAA6189-002	1	2	Halloysite	1	NULL		483.85	1637.9
NAA6189	NAA6189-003	2	3	Halloysite	1	NULL		343.52	1882.4
NAA6189	NAA6189-004	3	4	Halloysite	0.7	Dickite	0	83.051	1543.5
NAA6189	NAA6189-005	4	5	Halloysite	0.53	Kaolinite	0	83.839	1105.2
NAA6189	NAA6189-006	5	6	Kaolinite	0.53	Halloysite	0	159.7	1093.3
NAA6189	NAA6189-007	6	7	Halloysite	0.51	Kaolinite	0	67.471	1568.3
NAA6189	NAA6189-008	7	8	Halloysite	0.53	Kaolinite	0	75.35	1230.1
NAA6189	NAA6189-009	8	9	Kaolinite	0.54	Halloysite	0	74.322	1500.9
NAA6189	NAA6189-010	9	10	Kaolinite	0.57	Halloysite	0	61.976	1897.1
NAA6189	NAA6189-011	10	11	Kaolinite	0.54	Halloysite	0	65.63	1416.7
NAA6189	NAA6189-012	11	12	Kaolinite	0.51	Halloysite	0	60.648	1756.9
NAA6189	NAA6189-013	12	13	Kaolinite	0.51	Halloysite	1	84.298	1455.2
NAA6189	NAA6189-014	13	14	Kaolinite	0.56	Halloysite	0	80.433	2055.4
NAA6189	NAA6189-015	14	15	Kaolinite	0.59	Halloysite	0	91.502	1338.2
NAA6189	NAA6189-016	15	16	Kaolinite	0.54	Halloysite	0	113.07	1438.9
NAA6189	NAA6189-017	16	17	Kaolinite	0.58	Halloysite	0	122.46	1314.3
NAA6189	NAA6189-018	17	18	Kaolinite	0.62	Halloysite	0	88.222	1660.4
NAA6189	NAA6189-019	18	19	Kaolinite	0.63	Montmorillonite	0	70.938	1307.1
NAA6189	NAA6189-020	19	20	Aspectral	NULL			5000	694.8
NAA6190	NAA6190-001	0	1	Halloysite	1	NULL		750.04	651.6
NAA6190	NAA6190-002	1	2	Halloysite	1	NULL		244.06	1855.8
NAA6190	NAA6190-003	2	3	Kaolinite	0.64	Montmorillonite	0	61.195	1259.5
NAA6190	NAA6190-004	3	4	Kaolinite	0.51	Montmorillonite	0	50.464	1820.2
NAA6190	NAA6190-005	4	5	Halloysite	0.64	Montmorillonite	0	74.794	1540.7
NAA6190	NAA6190-006	5	6	Montmorillonite	0.53	Kaolinite	0	47.365	1135.1
NAA6190	NAA6190-007	6	7	Montmorillonite	0.62	Kaolinite	0	44.428	1412.9
NAA6190	NAA6190-008	7	8	Montmorillonite	0.72	Kaolinite	0	57.862	880.9
NAA6190	NAA6190-009	8	9	Montmorillonite	0.72	Kaolinite	0	55.372	1301.1
NAA6190	NAA6190-010	9	10	Montmorillonite	0.76	Kaolinite	0	79.839	1105.9
NAA6190	NAA6190-011	10	11	Montmorillonite	0.74	Kaolinite	0	69.034	1374.7
NAA6190	NAA6190-012	11	12	Montmorillonite	0.71	Kaolinite	0	76.367	1142
NAA6190	NAA6190-013	12	13	Montmorillonite	0.77	Kaolinite	0	64.284	1037.6
NAA6190	NAA6190-014	13	14	Montmorillonite	0.74	Kaolinite	0	48.753	1187.4
NAA6190	NAA6190-015	14	15	Montmorillonite	0.73	Kaolinite	0	90.178	1177.3
NAA6190	NAA6190-016	15	16	Montmorillonite	0.71	Kaolinite	0	57.714	1521.8
NAA6190	NAA6190-017	16	17	Montmorillonite	0.69	Kaolinite	0	84.016	1121.5
NAA6190	NAA6190-018	17	18	Montmorillonite	0.68	Kaolinite	0	65.223	1242.7
NAA6190	NAA6190-019	18	19	Montmorillonite	0.63	Kaolinite	0	60.343	1317.2
NAA6190	NAA6190-020	19	20	Montmorillonite	0.62	Kaolinite	0	62.767	1703.3
NAA6190	NAA6190-021	20	21	Montmorillonite	0.57	Kaolinite	0	98.432	1059.4
NAA6190	NAA6190-022	21	22	Montmorillonite	0.59	Kaolinite	0	97.397	1866.8
NAA6190	NAA6190-023	22	23	Opal	0.62	Nontronite	0	238.28	929.7
NAA6190	NAA6190-024	23	24	Opal	0.66	Nontronite	0	182.34	1110.5
NAA6191	NAA6191-001	0	1	Halloysite	1	NULL		654.7	1696.6
NAA6191	NAA6191-002	1	2	Kaolinite	0.59	Montmorillonite	0	91.299	1391.7
NAA6191	NAA6191-003	2	3	Montmorillonite	0.77	Kaolinite	0	86.924	973.2
NAA6191	NAA6191-004	3	4	Montmorillonite	0.76	Kaolinite	0	70.472	988.3
NAA6191	NAA6191-005	4	5	Montmorillonite	0.83	Kaolinite	0	59.761	1424.6
NAA6191	NAA6191-006	5	6	Montmorillonite	0.79	Nontronite	0	39.657	1527.1

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
NAA6191	NAA6191-007	6	7	Montmorillonite	0.82	Nontronite	0	45.33	1361
NAA6191	NAA6191-008	7	8	Montmorillonite	0.84	Kaolinite	0	61.444	1194.7
NAA6191	NAA6191-009	8	9	Montmorillonite	0.83	Kaolinite	0	64.052	1465.9
NAA6191	NAA6191-010	9	10	Montmorillonite	0.82	Nontronite	0	66.125	1398.3
NAA6191	NAA6191-011	10	11	Montmorillonite	0.79	Nontronite	0	57.235	1584.2
NAA6191	NAA6191-012	11	12	Montmorillonite	0.81	Nontronite	0	55.199	1341.8
NAA6191	NAA6191-013	12	13	Montmorillonite	0.82	Kaolinite	0	62.5	1301.2
NAA6191	NAA6191-014	13	14	Montmorillonite	0.79	Nontronite	0	57.148	1481.8
NAA6191	NAA6191-015	14	15	Montmorillonite	0.76	Kaolinite	0	60.838	1522.5
NAA6191	NAA6191-016	15	16	Montmorillonite	0.68	Nontronite	0	113.38	871.8
NAA6191	NAA6191-017	16	17	Montmorillonite	0.66	Kaolinite	0	64.213	1490.6
NAA6191	NAA6191-018	17	18	Montmorillonite	0.68	Kaolinite	0	66.063	1465.5
NAA6191	NAA6191-019	18	19	Montmorillonite	0.67	Kaolinite	0	85.284	1815.3
NAA6191	NAA6191-020	19	20	Montmorillonite	0.63	Kaolinite	0	61.088	1853.2
NAA6191	NAA6191-021	20	21	Montmorillonite	0.61	Kaolinite	0	76.831	1507.6
NAA6191	NAA6191-022	21	22	Montmorillonite	0.65	Kaolinite	0	66.578	2395.5
NAA6191	NAA6191-023	22	23	Montmorillonite	0.78	Kaolinite	0	104.14	1241.6
NAA6191	NAA6191-024	23	24	Halloysite	0.56	Montmorillonite	0	84.501	1992.1
NAA6191	NAA6191-025	24	25	Halloysite	0.55	Illite	0	280.97	2154.9
NAA6192	NAA6192-001	0	1	Halloysite	1	NULL		264.26	1553
NAA6192	NAA6192-002	1	2	Halloysite	0.69	Montmorillonite	0	75.635	722.7
NAA6192	NAA6192-003	2	3	Halloysite	0.56	Montmorillonite	0	87.323	1746.3
NAA6192	NAA6192-004	3	4	Halloysite	0.56	Montmorillonite	0	74.588	1480.7
NAA6192	NAA6192-005	4	5	Montmorillonite	0.83	Halloysite	0	30.417	2002.1
NAA6192	NAA6192-006	5	6	Montmorillonite	1	NULL		28.291	1727.6
NAA6192	NAA6192-007	6	7	Montmorillonite	0.69	Halloysite	0	102.89	814.1
NAA6192	NAA6192-008	7	8	Montmorillonite	0.75	Halloysite	0	82.27	1241.7
NAA6192	NAA6192-009	8	9	Montmorillonite	0.59	Halloysite	0	103.5	1181.4
NAA6192	NAA6192-010	9	10	Montmorillonite	0.68	Halloysite	0	113.29	1831.3
NAA6193	NAA6193-001	0	1	Halloysite	1	NULL		366.61	1630.1
NAA6193	NAA6193-002	1	2	Halloysite	1	NULL		431.8	1917.3
NAA6193	NAA6193-003	2	3	Halloysite	1	NULL		353.29	3227
NAA6193	NAA6193-004	3	4	Halloysite	0.61	Montmorillonite	0	176.8	2453.7
NAA6193	NAA6193-005	4	5	Halloysite	1	NULL		170.85	2093.4
NAA6193	NAA6193-006	5	6	Montmorillonite	0.59	Kaolinite	0	57.07	1805
NAA6193	NAA6193-007	6	7	Montmorillonite	0.66	Kaolinite	0	44.669	2017.1
NAA6193	NAA6193-008	7	8	Montmorillonite	0.68	Kaolinite	0	65.048	1640.9
NAA6193	NAA6193-009	8	9	Montmorillonite	0.71	Kaolinite	0	65.161	1642.3
NAA6193	NAA6193-010	9	10	Montmorillonite	0.67	Halloysite	0	149.01	997.5
NAA6193	NAA6193-011	10	11	Montmorillonite	0.69	Kaolinite	0	78.901	1360.7
NAA6193	NAA6193-012	11	12	Montmorillonite	0.75	Kaolinite	0	82.43	1529
NAA6193	NAA6193-013	12	13	Montmorillonite	0.81	Kaolinite	0	76	1436.5
NAA6193	NAA6193-014	13	14	Montmorillonite	0.78	Kaolinite	0	75.105	1167.3
NAA6193	NAA6193-015	14	15	Montmorillonite	0.74	Nontronite	0	86.512	1212.7
NAA6193	NAA6193-016	15	16	Montmorillonite	0.78	Kaolinite	0	73.521	1363.9
NAA6193	NAA6193-017	16	17	Montmorillonite	0.72	Kaolinite	0	86.37	1395.9
NAA6193	NAA6193-018	17	18	Montmorillonite	0.73	Kaolinite	0	81.674	1525.1
NAA6193	NAA6193-022	21	22	Montmorillonite	0.55	Nontronite	0	104.79	1793.9
NAA6194	NAA6194-001	0	1	Halloysite	1	NULL		265.65	2201
NAA6194	NAA6194-002	1	2	Montmorillonite	0.63	Kaolinite	0	238.91	2307.7
NAA6194	NAA6194-003	2	3	Halloysite	0.72	Dickite	0	136.5	1599
NAA6194	NAA6194-004	3	4	Halloysite	1	NULL		136.2	1853.7
NAA6194	NAA6194-005	4	5	Halloysite	0.75	Montmorillonite	0	75.407	1158.3
NAA6194	NAA6194-006	5	6	Illite	0.71	WhiteMarker	0	221.58	610.7
NAA6194	NAA6194-007	6	7	Halloysite	0.58	Illite	0	56.818	2020.4
NAA6194	NAA6194-008	7	8	Halloysite	0.69	Illite	0	112.31	1203.6
NAA6194	NAA6194-009	8	9	Illite	0.51	Halloysite	1	72.763	1451.1
NAA6194	NAA6194-010	9	10	Illite	0.85	WhiteMarker	0	147.08	922.7
NAA6194	NAA6194-011	10	11	WhiteMarker	1	NULL		595.68	397.4
NAA6194	NAA6194-012	11	12	Montmorillonite	0.51	Illite	0	79.443	2023.6
NAA6194	NAA6194-013	12	13	Illite	0.59	Montmorillonite	0	56.026	1838
NAA6194	NAA6194-014	13	14	Montmorillonite	0.7	WhiteMarker	0	330.61	447.3
NAA6194	NAA6194-015	14	15	Kaolinite	0.54	Montmorillonite	0	76.477	2104.1
NAA6194	NAA6194-016	15	16	Halloysite	0.58	WhiteMarker	0	278.9	905.8

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
NAA6194	NAA6194-017	16	17	Montmorillonite	0.56 Illite		0	91.508	1522.2
NAA6194	NAA6194-018	17	18	Illite	0.69 Halloysite		0	106.82	2078
NAA6194	NAA6194-019	18	19	Montmorillonite	0.54 Illite		0	105.45	1373.7
NAA6194	NAA6194-020	19	20	Halloysite	0.52 Illite		0	115.19	2191.5
NAA6194	NAA6194-021	20	21	Montmorillonite	0.58 Illite		0	146.06	1156.2
NAA6195	NAA6195-001	0	1	Montmorillonite	0.56 Kaolinite		0	167.53	1475.4
NAA6195	NAA6195-002	1	2	Dickite	0.67 WhiteMarker		0	334.63	1018.3
NAA6195	NAA6195-003	2	3	Halloysite	1 NULL			183.76	1130.7
NAA6195	NAA6195-004	3	4	Halloysite	0.73 Montmorillonite		0	76.154	1832.9
NAA6195	NAA6195-005	4	5	Halloysite	0.61 Montmorillonite		0	72.064	1453.2
NAA6195	NAA6195-006	5	6	Halloysite	0.56 Montmorillonite		0	72.667	1494.8
NAA6195	NAA6195-007	6	7	Kaolinite	0.51 Montmorillonite		0	84.913	833
NAA6195	NAA6195-008	7	8	Kaolinite	0.55 Montmorillonite		0	54.236	2172.8
NAA6195	NAA6195-009	8	9	Halloysite	0.66 Nontronite		0	165.96	1341.6
NAA6195	NAA6195-010	9	10	Montmorillonite	0.54 Kaolinite		0	127.03	845.6
NAA6195	NAA6195-011	10	11	Halloysite	0.55 Nontronite		0	121.59	1268.5
NAA6195	NAA6195-012	11	12	Halloysite	0.53 Nontronite		0	224.31	921.6
NAA6195	NAA6195-013	12	13	Montmorillonite	1 NULL			78.346	1096.5
NAA6195	NAA6195-014	13	14	Montmorillonite	0.73 Kaolinite		0	127.88	1366.5
NAA6195	NAA6195-015	14	15	Montmorillonite	1 NULL			185.46	1004.9
NAA6195	NAA6195-016	15	16	Montmorillonite	1 NULL			556.87	641.8
NAA6195	NAA6195-017	16	17	Montmorillonite	0.78 Halloysite		0	124.85	1134.5
NAA6195	NAA6195-018	17	18	Montmorillonite	0.68 Nontronite		0	86.919	2059.7
NAA6195	NAA6195-019	18	19	Montmorillonite	0.71 Nontronite		0	133.45	1245.7
NAA6195	NAA6195-020	19	20	Montmorillonite	1 NULL			486.91	647.7
NAA6195	NAA6195-021	20	21	Montmorillonite	0.66 Nontronite		0	154.8	1585.3
NAA6195	NAA6195-022	21	22	Montmorillonite	0.57 Siderite		0	100.17	1946.1
NAA6196	NAA6196-001	0	1	Halloysite	1 NULL			307.67	1915.7
NAA6196	NAA6196-002	1	2	Halloysite	1 NULL			361.39	811.7
NAA6196	NAA6196-003	2	3	Halloysite	1 NULL			215.56	1965.6
NAA6196	NAA6196-004	3	4	Montmorillonite	0.67 Halloysite		0	80.572	1015
NAA6196	NAA6196-005	4	5	Montmorillonite	0.62 Kaolinite		0	83.951	922.1
NAA6196	NAA6196-006	5	6	Montmorillonite	0.59 Kaolinite		0	90.737	1654.5
NAA6196	NAA6196-007	6	7	Opal	0.55 Halloysite		0	251.35	1111.3
NAA6196	NAA6196-008	7	8	Montmorillonite	0.63 Kaolinite		0	83.872	1663.6
NAA6196	NAA6196-009	8	9	Illite	0.76 Halloysite		0	75.239	1932.7
NAA6196	NAA6196-010	9	10	Illite	0.78 Halloysite		0	97.142	1620.4
NAA6196	NAA6196-011	10	11	Illite	0.5 Halloysite		1	451.16	977.4
NAA6196	NAA6196-012	11	12	Halloysite	0.51 Nontronite		0	450.59	1220
NAA6196	NAA6196-013	12	13	Illite	1 NULL			167.64	1242.9
NAA6196	NAA6196-014	13	14	Illite	0.67 Siderite		0	77.054	1389
NAA6197	NAA6197-001	0	1	Halloysite	1 NULL			314.33	2528.9
NAA6197	NAA6197-002	1	2	Halloysite	0.56 Kaolinite		0	95.58	1292.3
NAA6197	NAA6197-003	2	3	Kaolinite	0.51 Halloysite		0	80.088	1913.8
NAA6197	NAA6197-004	3	4	Kaolinite	0.62 Montmorillonite		0	55.523	2332.4
NAA6197	NAA6197-005	4	5	Kaolinite	0.6 Halloysite		0	66.895	2059.1
NAA6197	NAA6197-006	5	6	Montmorillonite	0.55 Halloysite		0	79.544	2012.3
NAA6197	NAA6197-007	6	7	Halloysite	0.57 Montmorillonite		0	130.21	1486
NAA6197	NAA6197-008	7	8	Halloysite	0.59 Kaolinite		0	112.91	2601.3
NAA6197	NAA6197-009	8	9	Illite	0.6 Kaolinite		0	110.9	1414.3
NAA6197	NAA6197-010	9	10	Kaolinite	1 NULL			158.24	1884.4
NAA6197	NAA6197-011	10	11	Kaolinite	0.62 Halloysite		0	138.35	1748.5
NAA6197	NAA6197-012	11	12	Kaolinite	0.67 Montmorillonite		0	74.749	1797.5
NAA6197	NAA6197-013	12	13	Kaolinite	1 NULL			321.63	656.1
NAA6197	NAA6197-014	13	14	Montmorillonite	0.55 Kaolinite		0	99.272	1391.1
NAA6197	NAA6197-015	14	15	Montmorillonite	0.58 Kaolinite		0	156.32	670.7
NAA6197	NAA6197-016	15	16	Halloysite	1 NULL			1179.55	457.4
NAA6197	NAA6197-017	16	17	Montmorillonite	0.55 Kaolinite		0	161.78	791.6
NAA6197	NAA6197-018	17	18	Montmorillonite	0.73 Kaolinite		0	71.648	1271.5
NAA6197	NAA6197-019	18	19	Montmorillonite	0.74 Kaolinite		0	74.862	2002.4
NAA6197	NAA6197-020	19	20	Montmorillonite	1 NULL			86.901	2152.3
NAA6197	NAA6197-021	20	21	Montmorillonite	0.68 Kaolinite		0	162.99	1269.3
NAA6197	NAA6197-022	21	22	Illite	1 NULL			508.38	2102.6
NAA6197	NAA6197-023	22	23	Montmorillonite	0.69 Halloysite		0	91.97	2225.3

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
NAA6197	NAA6197-024	23	24	Montmorillonite	0.69	Kaolinite	0	74.71	1342.1
NAA6197	NAA6197-025	24	25	Montmorillonite	0.66	Kaolinite	0	131.64	2356.2
NAA6198	NAA6198-001	0	1	Halloysite	1	NULL		617.51	1195.6
NAA6198	NAA6198-002	1	2	Kaolinite	0.55	Halloysite	0	85.235	1339.1
NAA6198	NAA6198-003	2	3	Kaolinite	1	NULL		263.1	653
NAA6198	NAA6198-004	3	4	Kaolinite	0.56	Halloysite	0	72.745	853.8
NAA6198	NAA6198-005	4	5	Halloysite	0.66	WhiteMarker	0	210.32	499.9
NAA6198	NAA6198-006	5	6	Kaolinite	0.57	WhiteMarker	0	188.1	424.7
NAA6198	NAA6198-007	6	7	Kaolinite	0.61	Halloysite	0	85.087	1910.4
NAA6198	NAA6198-008	7	8	Kaolinite	0.62	Halloysite	0	88.862	1439.1
NAA6198	NAA6198-009	8	9	Kaolinite	1	NULL		238.29	839.1
NAA6198	NAA6198-010	9	10	Kaolinite	0.57	Halloysite	0	90.809	1408.1
NAA6198	NAA6198-011	10	11	Kaolinite	0.62	Muscovite	0	72.688	2015.4
NAA6198	NAA6198-012	11	12	Illite	0.6	Kaolinite	0	58.106	2547.4
NAA6198	NAA6198-013	12	13	Halloysite	0.66	Paragonite	0	71.579	1888.8
NAA6198	NAA6198-014	13	14	Halloysite	0.59	Illite	0	68.899	1427.2
NAA6198	NAA6198-015	14	15	Illite	0.51	Kaolinite	0	68.376	1089.3
NAA6198	NAA6198-016	15	16	Illite	0.52	Halloysite	0	48.871	1900.9
NAA6198	NAA6198-017	16	17	Kaolinite	0.56	Illite	0	56.361	1792.1
NAA6198	NAA6198-018	17	18	Kaolinite	0.54	Halloysite	0	101.78	878.5
NAA6198	NAA6198-019	18	19	Kaolinite	0.53	Halloysite	0	51.751	1804.4
NAA6198	NAA6198-020	19	20	Kaolinite	0.52	Halloysite	0	104.4	1667.2
NAA6198	NAA6198-021	20	21	Illite	0.66	WhiteMarker	0	390.97	1096.2
NAA6198	NAA6198-022	21	22	Illite	0.73	Halloysite	0	72.574	1611.7
NAA6198	NAA6198-023	22	23	Illite	0.68	Halloysite	0	38.904	2041
NAA6198	NAA6198-024	23	24	Illite	0.51	Halloysite	0	199.81	2052.6
NAA6198	NAA6198-025	24	25	Kaolinite	0.65	Muscovite	0	105.42	2219.3
NAA6198	NAA6198-026	25	26	Illite	0.58	Kaolinite	0	239.72	1157.3
NAA6198	NAA6198-027	26	27	Halloysite	1	NULL		220.88	1742.9
NAA6198	NAA6198-028	27	28	Kaolinite	0.59	Halloysite	0	105.71	1706.1
NAA6198	NAA6198-029	28	29	Kaolinite	1	NULL		286.76	1324
NAA6198	NAA6198-030	29	30	Kaolinite	1	NULL		282.34	824.8
NAA6198	NAA6198-031	30	31	Halloysite	1	NULL		222.12	1344.6
NAA6198	NAA6198-032	31	32	Illite	1	NULL		257.81	1214.3
NAA6198	NAA6198-033	32	33	Illite	1	NULL		197.68	1653.5
NAA6198	NAA6198-034	33	34	Illite	1	NULL		326.52	1213.4
NAA6198	NAA6198-035	34	35	Illite	1	NULL		123.04	1404.7
NAA6198	NAA6198-036	35	36	Illite	0.83	WhiteMarker	0	329.09	823.3
NAA6198	NAA6198-037	36	37	Illite	0.72	Halloysite	0	183.39	1535.5
NAA6198	NAA6198-038	37	38	Illite	1	NULL		208.19	977
NAA6199	NAA6199-001	0	1	WhiteMarker	1	NULL		782.14	273.7
NAA6199	NAA6199-002	1	2	Halloysite	0.68	Dickite	0	147.15	946.3
NAA6199	NAA6199-003	2	3	Halloysite	0.64	Dickite	0	124.58	1330
NAA6199	NAA6199-004	3	4	Halloysite	0.56	Kaolinite	0	127.02	878.3
NAA6199	NAA6199-005	4	5	Kaolinite	0.52	Halloysite	0	83.637	967
NAA6199	NAA6199-006	5	6	Kaolinite	0.64	Halloysite	0	117.81	1268.8
NAA6199	NAA6199-007	6	7	Kaolinite	1	NULL		203.41	1105.9
NAA6199	NAA6199-008	7	8	Kaolinite	0.58	Halloysite	0	98.925	1774.5
NAA6199	NAA6199-009	8	9	Kaolinite	0.56	Halloysite	0	89.504	1473.7
NAA6199	NAA6199-010	9	10	Kaolinite	0.58	Halloysite	0	77.57	1481.3
NAA6199	NAA6199-011	10	11	Kaolinite	0.59	Halloysite	0	54.891	1934.2
NAA6199	NAA6199-012	11	12	Kaolinite	0.56	Halloysite	0	90.969	1789.7
NAA6199	NAA6199-013	12	13	Kaolinite	0.59	Halloysite	0	78.365	1019.7
NAA6199	NAA6199-014	13	14	Halloysite	0.53	Kaolinite	0	113.66	1614.3
NAA6199	NAA6199-015	14	15	Halloysite	0.51	Kaolinite	0	97.273	2467.3
NAA6199	NAA6199-016	15	16	Kaolinite	0.5	Halloysite	1	88.677	1972.5
NAA6199	NAA6199-017	16	17	Halloysite	0.53	Kaolinite	0	114.83	1828
NAA6199	NAA6199-018	17	18	Kaolinite	0.63	Muscovite	0	57.71	1820.9
NAA6199	NAA6199-019	18	19	Halloysite	0.75	Illite	0	86.434	1576.4
NAA6199	NAA6199-020	19	20	Halloysite	0.72	Illite	0	83.044	1776.8
NAA6199	NAA6199-021	20	21	Halloysite	0.74	Illite	0	85.413	1590.9
NAA6199	NAA6199-022	21	22	Halloysite	0.65	Illite	0	85.789	1726.6
NAA6199	NAA6199-023	22	23	Kaolinite	0.64	Illite	0	69.811	1711.4
NAA6199	NAA6199-024	23	24	Kaolinite	0.65	Muscovite	0	54.144	2912

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NAA6199	NAA6199-025	24	25	Kaolinite	0.65	Illite	0	69.845	1741.7
NAA6199	NAA6199-026	25	26	Kaolinite	0.67	Illite	0	94.848	1285.1
NAA6199	NAA6199-027	26	27	Kaolinite	0.67	Muscovite	0	78.399	2493.4
NAA6199	NAA6199-028	27	28	Illite	0.56	Kaolinite	0	60.307	2414.2
NAA6199	NAA6199-029	28	29	Kaolinite	0.6	Illite	0	84.757	1189.7
NAA6199	NAA6199-030	29	30	Illite	1	NULL		54.279	1614.6
NAA6199	NAA6199-031	30	31	Kaolinite	0.58	Illite	0	65.266	2196.6
NAA6199	NAA6199-032	31	32	Illite	0.69	Kaolinite	0	69.039	2374.8
NAA6199	NAA6199-033	32	33	Kaolinite	0.59	Muscovite	0	91.269	1744.9
NAA6199	NAA6199-034	33	34	Kaolinite	0.64	Muscovite	0	98.16	2056.4
NAA6199	NAA6199-035	34	35	Illite	0.61	Halloysite	0	172.66	1895.8
NAA6200	NAA6200-001	0	1	Halloysite	1	NULL		237.09	981.2
NAA6200	NAA6200-002	1	2	Halloysite	0.52	Kaolinite	0	125.04	992
NAA6200	NAA6200-003	2	3	Halloysite	0.51	Kaolinite	0	77.296	1227.4
NAA6200	NAA6200-004	3	4	Kaolinite	0.57	Halloysite	0	105.53	1102.8
NAA6200	NAA6200-005	4	5	Kaolinite	0.61	Halloysite	0	79.062	1648.8
NAA6200	NAA6200-006	5	6	Kaolinite	0.55	Halloysite	0	88.484	1707.8
NAA6200	NAA6200-007	6	7	Kaolinite	0.57	Halloysite	0	66.785	1471.9
NAA6200	NAA6200-008	7	8	Kaolinite	0.56	Halloysite	0	73.712	2000.1
NAA6200	NAA6200-009	8	9	Kaolinite	0.58	Halloysite	0	96.555	1999.4
NAA6200	NAA6200-010	9	10	Kaolinite	0.55	Halloysite	0	88.84	1059.1
NAA6200	NAA6200-011	10	11	Kaolinite	0.6	Halloysite	0	125.93	1714.4
NAA6200	NAA6200-012	11	12	Kaolinite	0.71	WhiteMarker	0	303.41	1010.4
NAA6200	NAA6200-013	12	13	Kaolinite	0.57	Halloysite	0	197.2	1460.6
NAA6200	NAA6200-014	13	14	Halloysite	0.81	IsaWhite	0	313.41	762.8
NAA6200	NAA6200-015	14	15	Kaolinite	0.81	WhiteMarker	0	163.01	813.9
NAA6200	NAA6200-016	15	16	Kaolinite	0.7	Illite	0	67.697	1479.3
NAA6200	NAA6200-017	16	17	Kaolinite	0.74	WhiteMarker	0	204.85	783.9
NAA6200	NAA6200-018	17	18	Halloysite	0.5	Kaolinite	1	117.08	1636
NAA6200	NAA6200-019	18	19	Halloysite	0.54	Dickite	0	176.54	1305.8
NAA6200	NAA6200-020	19	20	Halloysite	1	NULL		188.78	2016.3
NAA6200	NAA6200-021	20	21	WhiteMarker	0.57	Halloysite	0	261.24	647.2
NAA6200	NAA6200-022	21	22	Kaolinite	0.67	Muscovite	0	74.867	1450.6
NAA6200	NAA6200-023	22	23	Halloysite	0.65	Kaolinite	0	89.985	1167.1
NAA6200	NAA6200-024	23	24	Halloysite	1	NULL		141.12	1635
NAA6200	NAA6200-025	24	25	Illite	0.55	Halloysite	0	58.124	1263.5
NAA6200	NAA6200-026	25	26	Halloysite	0.59	Illite	0	189.79	886.6
NAA6200	NAA6200-027	26	27	Halloysite	0.56	Illite	0	129.04	893.5
NAA6201	NAA6201-001	0	1	Kaolinite	0.58	Halloysite	0	154.87	1843.9
NAA6201	NAA6201-002	1	2	Kaolinite	0.53	Halloysite	0	112.51	1064.8
NAA6201	NAA6201-003	2	3	Kaolinite	0.61	Halloysite	0	135.93	965.3
NAA6201	NAA6201-004	3	4	Kaolinite	0.55	Halloysite	0	65.811	1826.7
NAA6201	NAA6201-005	4	5	Kaolinite	0.61	Opal	0	88.54	2176.3
NAA6201	NAA6201-006	5	6	Halloysite	1	NULL		282.21	1013.3
NAA6201	NAA6201-007	6	7	Illite	0.6	Halloysite	0	181.27	1425.5
NAA6201	NAA6201-008	7	8	Kaolinite	0.68	Illite	0	78.19	1849.6
NAA6201	NAA6201-009	8	9	Illite	0.64	Halloysite	0	110.02	1802.2
NAA6201	NAA6201-010	9	10	Illite	0.69	Halloysite	0	108.46	1851.2
NAA6201	NAA6201-011	10	11	Illite	0.62	Halloysite	0	279.69	1568.8
NAA6201	NAA6201-012	11	12	Illite	0.78	Halloysite	0	123.49	1553.7
NAA6201	NAA6201-013	12	13	Illite	0.59	Nontronite	0	89.486	1945.4
NAA6201	NAA6201-014	13	14	Illite	0.62	Nontronite	0	181.21	1527.3
NAA6202	NAA6202-001	0	1	Halloysite	0.68	Dickite	0	156.66	2576.3
NAA6202	NAA6202-002	1	2	Halloysite	0.68	Dickite	0	76.072	1534.4
NAA6202	NAA6202-003	2	3	Kaolinite	0.5	Halloysite	1	61.67	1439.5
NAA6202	NAA6202-004	3	4	Halloysite	0.52	Kaolinite	0	69.027	1574
NAA6202	NAA6202-005	4	5	Kaolinite	0.51	Halloysite	0	117.83	1063.1
NAA6202	NAA6202-006	5	6	Halloysite	0.69	Montmorillonite	0	114.45	1981.4
NAA6202	NAA6202-007	6	7	Halloysite	0.71	Montmorillonite	0	85.135	1942.6
NAA6202	NAA6202-008	7	8	Halloysite	0.61	Montmorillonite	0	88.938	1849.5
NAA6202	NAA6202-009	8	9	Halloysite	0.52	Montmorillonite	0	118.71	1016
NAA6202	NAA6202-010	9	10	Montmorillonite	0.59	Illite	0	105.59	1731.9
NAA6202	NAA6202-011	10	11	Illite	0.73	Halloysite	0	87.888	1255.5
NAA6202	NAA6202-012	11	12	Illite	0.66	Halloysite	0	89.673	1912.9

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
NAA6202	NAA6202-013	12	13	Montmorillonite	1	NULL		167.55	1844.5
NAA6202	NAA6202-014	13	14	Halloysite	0.63	Montmorillonite	0	106.48	2090.4
NAA6202	NAA6202-015	14	15	Illite	0.75	Halloysite	0	128.14	1393.1
NAA6202	NAA6202-016	15	16	Illite	0.61	Halloysite	0	137.3	1693.2
NAA6202	NAA6202-017	16	17	Illite	0.66	Prehnite	0	176.36	1927.9
NAA6202	NAA6202-018	17	18	Illite	0.58	Kaolinite	0	183.95	1844.9
NAA6202	NAA6202-019	18	19	Illite	0.58	Prehnite	0	233.66	2553.6
NAA6202	NAA6202-020	19	20	Illite	0.61	Prehnite	0	142.42	1839
NAA6203	NAA6203-001	0	1	Halloysite	1	NULL		222.3	1651.5
NAA6203	NAA6203-002	1	2	Kaolinite	0.53	Halloysite	0	59.915	1177.4
NAA6203	NAA6203-003	2	3	Kaolinite	0.51	Halloysite	0	93.06	1228.4
NAA6203	NAA6203-004	3	4	Kaolinite	0.63	Montmorillonite	0	50.664	1352.5
NAA6203	NAA6203-005	4	5	Kaolinite	0.62	Montmorillonite	0	63.114	1838.5
NAA6203	NAA6203-006	5	6	Montmorillonite	0.55	Kaolinite	0	60.972	1647.9
NAA6203	NAA6203-007	6	7	Montmorillonite	0.51	Kaolinite	0	59.764	1485.9
NAA6203	NAA6203-008	7	8	Montmorillonite	0.64	Kaolinite	0	67.941	1683.4
NAA6203	NAA6203-009	8	9	Montmorillonite	0.61	Halloysite	0	101.59	2381.4
NAA6203	NAA6203-010	9	10	Illite	0.71	Nontronite	0	72.931	2140.9
NAA6203	NAA6203-011	10	11	Illite	0.62	Halloysite	0	379.29	1322.2
NAA6203	NAA6203-012	11	12	Montmorillonite	0.7	Halloysite	0	124.08	1720.8
NAA6203	NAA6203-013	12	13	Illite	1	NULL		162.91	1364.2
NAA6203	NAA6203-014	13	14	Illite	0.71	Nontronite	0	195.04	1342.5
NAA6203	NAA6203-015	14	15	Illite	1	NULL		159.71	1421.6
NAA6203	NAA6203-016	15	16	Illite	1	NULL		456.11	1088.6
NAA6203	NAA6203-017	16	17	Illite	0.62	WhiteMarker	0	418.63	659.7
NAA6203	NAA6203-018	17	18	Illite	0.62	Prehnite	0	214.77	1749.1
NAA6204	NAA6204-001	0	1	Kaolinite	1	NULL		199.74	1454.6
NAA6204	NAA6204-002	1	2	Kaolinite	0.62	Halloysite	0	74.409	1753.2
NAA6204	NAA6204-003	2	3	Kaolinite	0.56	Halloysite	0	83.863	1084.5
NAA6204	NAA6204-004	3	4	Kaolinite	0.54	Halloysite	0	54.833	1744.3
NAA6204	NAA6204-005	4	5	Kaolinite	0.53	Halloysite	0	53.216	1675
NAA6204	NAA6204-006	5	6	Kaolinite	0.58	Montmorillonite	0	100.45	1335.1
NAA6204	NAA6204-007	6	7	Halloysite	0.71	Nontronite	0	166.98	1134.6
NAA6204	NAA6204-008	7	8	Montmorillonite	0.52	Kaolinite	0	46.777	2072.5
NAA6204	NAA6204-009	8	9	Halloysite	1	NULL		373.73	1195.4
NAA6204	NAA6204-010	9	10	Illite	0.6	Halloysite	0	117.2	1887.9
NAA6204	NAA6204-011	10	11	Montmorillonite	0.56	Halloysite	0	111.03	1239.6
NAA6204	NAA6204-012	11	12	Halloysite	0.56	Illite	0	109.1	1790.8
NAA6204	NAA6204-013	12	13	Illite	1	NULL		189.08	1118.2
NAA6204	NAA6204-014	13	14	Halloysite	0.53	Montmorillonite	0	83.107	1224.4
NAA6204	NAA6204-015	14	15	Illite	1	NULL		187.25	830.5
NAA6204	NAA6204-016	15	16	Illite	0.6	Montmorillonite	0	58.919	1120.8
NAA6204	NAA6204-017	16	17	Montmorillonite	0.55	Illite	0	60.583	1340.5
NAA6204	NAA6204-018	17	18	Montmorillonite	0.51	Kaolinite	0	67.744	1755.8
NAA6204	NAA6204-019	18	19	Illite	0.57	Montmorillonite	0	97.106	966.9
NAA6204	NAA6204-020	19	20	Illite	0.68	Opal	0	51.242	1043.5
NAA6204	NAA6204-021	20	21	Illite	0.68	Montmorillonite	0	53.323	1335.5
NAA6204	NAA6204-022	21	22	Illite	0.8	Nontronite	0	41.964	1382.7
NAA6205	NAA6205-001	0	1	Kaolinite	1	NULL		523.59	952.9
NAA6205	NAA6205-002	1	2	Kaolinite	0.61	Halloysite	0	93.076	1377.8
NAA6205	NAA6205-003	2	3	Montmorillonite	0.53	Kaolinite	0	58.698	1543.1
NAA6205	NAA6205-004	3	4	Montmorillonite	0.64	Kaolinite	0	48.643	1607.5
NAA6205	NAA6205-005	4	5	Montmorillonite	0.63	Kaolinite	0	91.547	1003.1
NAA6205	NAA6205-006	5	6	Montmorillonite	1	NULL		176.71	1053.7
NAA6205	NAA6205-007	6	7	Montmorillonite	1	NULL		66.751	1419.1
NAA6205	NAA6205-008	7	8	Montmorillonite	0.81	Nontronite	0	39.038	1748.9
NAA6205	NAA6205-009	8	9	Montmorillonite	0.76	Nontronite	0	29.38	1826.2
NAA6205	NAA6205-010	9	10	Montmorillonite	0.83	Kaolinite	0	70.302	1322.4
NAA6205	NAA6205-011	10	11	Montmorillonite	0.76	Nontronite	0	31.33	1708.9
NAA6205	NAA6205-012	11	12	Montmorillonite	0.76	WhiteMarker	0	453.95	605.5
NAA6205	NAA6205-013	12	13	Montmorillonite	0.68	Nontronite	0	62.852	1566.7
NAA6205	NAA6205-014	13	14	Montmorillonite	0.73	Nontronite	0	108.2	1274.5
NAA6205	NAA6205-015	14	15	Montmorillonite	0.61	Nontronite	0	247.9	1172.6
NAA6205	NAA6205-016	15	16	Montmorillonite	1	NULL		377.58	1125

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
NAA6205	NAA6205-017	16	17	Montmorillonite	1	NULL		397.54	1352.4
NAA6205	NAA6205-018	17	18	Montmorillonite	1	NULL		1301.99	952.6
NAA6205	NAA6205-019	18	19	Montmorillonite	1	NULL		495.02	854.8
NAA6205	NAA6205-020	19	20	Montmorillonite	0.61	Nontronite	0	183.92	1011.8
NAA6205	NAA6205-021	20	21	Nontronite	1	NULL		461.98	1161.3
NAA6205	NAA6205-022	21	22	Nontronite	1	NULL		962.14	816.3
NAA6205	NAA6205-023	22	23	Nontronite	0.65	Halloysite	0	218.8	1449.2
NAA6206	NAA6206-001	0	1	Kaolinite	0.59	Montmorillonite	0	91.654	1924.8
NAA6206	NAA6206-002	1	2	Kaolinite	0.56	Halloysite	0	72.027	1549.8
NAA6206	NAA6206-003	2	3	Halloysite	1	NULL		294.42	1085.7
NAA6206	NAA6206-004	3	4	Kaolinite	0.57	Halloysite	0	65.377	1751.8
NAA6206	NAA6206-005	4	5	Halloysite	0.59	Dickite	0	115.92	1788
NAA6206	NAA6206-006	5	6	Kaolinite	0.67	Halloysite	0	93.001	1777.9
NAA6206	NAA6206-007	6	7	Kaolinite	1	NULL		159.17	1421.7
NAA6206	NAA6206-008	7	8	Halloysite	1	NULL		298.55	1028
NAA6206	NAA6206-009	8	9	Kaolinite	0.64	Halloysite	0	76.409	1803.3
NAA6206	NAA6206-010	9	10	Dickite	1	NULL		655.37	1629.9
NAA6207	NAA6207-001	0	1	WhiteMarker	0.58	Kaolinite	0	320.56	857.9
NAA6207	NAA6207-002	1	2	Kaolinite	1	NULL		411.18	1298.1
NAA6207	NAA6207-003	2	3	Kaolinite	0.58	Halloysite	0	104.62	909.5
NAA6207	NAA6207-004	3	4	Kaolinite	0.59	Halloysite	0	69.978	1334.4
NAA6207	NAA6207-005	4	5	Kaolinite	0.62	Halloysite	0	68.416	1513.2
NAA6207	NAA6207-006	5	6	Kaolinite	0.62	Halloysite	0	60.969	1245.9
NAA6207	NAA6207-007	6	7	Kaolinite	0.61	Halloysite	0	64.388	1566.3
NAA6207	NAA6207-008	7	8	Kaolinite	0.63	Halloysite	0	60.174	1363.6
NAA6207	NAA6207-009	8	9	Kaolinite	1	NULL		218.41	993.4
NAA6207	NAA6207-010	9	10	Kaolinite	0.65	Halloysite	0	55.083	1391.6
NAA6207	NAA6207-011	10	11	Kaolinite	1	NULL		92.026	1004.7
NAA6207	NAA6207-012	11	12	Kaolinite	1	NULL		227.18	1284
NAA6207	NAA6207-013	12	13	Halloysite	0.6	Dickite	0	287.18	2219.3
NAA6208	NAA6208-001	0	1	Halloysite	0.69	Paragonite	0	191.41	2234
NAA6208	NAA6208-002	1	2	Halloysite	1	NULL		369.84	1788.1
NAA6208	NAA6208-003	2	3	Halloysite	0.76	Paragonite	0	105.57	1352.5
NAA6208	NAA6208-004	3	4	Montmorillonite	0.62	Kaolinite	0	85.77	1415.1
NAA6208	NAA6208-005	4	5	Montmorillonite	0.67	Halloysite	0	113.05	1281
NAA6208	NAA6208-006	5	6	Illite	0.61	Montmorillonite	0	76.825	1798.4
NAA6208	NAA6208-007	6	7	Montmorillonite	0.52	Illite	0	102.54	1448.6
NAA6208	NAA6208-008	7	8	Montmorillonite	1	NULL		200.54	1996.6
NAA6208	NAA6208-009	8	9	Montmorillonite	0.73	Kaolinite	0	150.24	2210.4
NAA6208	NAA6208-010	9	10	Halloysite	1	NULL		564.86	856.4
NAA6208	NAA6208-011	10	11	Kaolinite	0.54	Montmorillonite	0	242.07	1670.4
NAA6208	NAA6208-012	11	12	Montmorillonite	0.7	Halloysite	0	165.24	1380.3
NAA6208	NAA6208-013	12	13	Illite	1	NULL		206.72	2064
NAA6208	NAA6208-014	13	14	Illite	1	NULL		367.46	1599.4
NAA6208	NAA6208-015	14	15	Dark	NULL			5000	283.9
NAA6208	NAA6208-016	15	16	Illite	1	NULL		430.05	1167.7
NAA6208	NAA6208-017	16	17	Illite	1	NULL		477.39	2369
NAA6208	NAA6208-018	17	18	Illite	1	NULL		134.08	1004.9
NAA6209	NAA6209-001	0	1	Illite	0.58	Halloysite	0	293.08	1343.1
NAA6209	NAA6209-002	1	2	Halloysite	1	NULL		609.44	1588.8
NAA6209	NAA6209-003	2	3	Montmorillonite	1	NULL		151.42	1560.5
NAA6209	NAA6209-004	3	4	Montmorillonite	0.69	Illite	0	90.341	1435
NAA6209	NAA6209-005	4	5	Montmorillonite	0.64	Illite	0	89.016	974.5
NAA6209	NAA6209-006	5	6	Montmorillonite	0.76	Illite	0	51.858	1738.7
NAA6209	NAA6209-007	6	7	Illite	1	NULL		373.8	1435.3
NAA6209	NAA6209-008	7	8	Illite	0.77	WhiteMarker	0	260.06	863.5
NAA6209	NAA6209-009	8	9	Illite	0.81	Nontronite	0	67.523	1251.2
NAA6209	NAA6209-010	9	10	Montmorillonite	1	NULL		93.378	1341.6
NAA6209	NAA6209-011	10	11	Illite	0.63	Montmorillonite	0	97.559	1691.5
NAA6209	NAA6209-012	11	12	Illite	1	NULL		451.3	2209.3
NAA6209	NAA6209-013	12	13	Illite	1	NULL		90.315	1573.6
NAA6209	NAA6209-014	13	14	Illite	1	NULL		79.404	1450.8
NAA6209	NAA6209-015	14	15	Illite	1	NULL		117.58	1504
NAA6209	NAA6209-016	15	16	Illite	0.83	YellowMarker	0	202.88	764.4

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
NAA6209	NAA6209-017	16	17	Halloysite	1	NULL		536.82	1438
NAA6209	NAA6209-018	17	18	Illite	1	NULL		132.16	1543.4
NAA6209	NAA6209-019	18	19	Illite	1	NULL		116.97	1333.5
NAA6209	NAA6209-020	19	20	Illite	1	NULL		69.917	1562.7
NAA6210	NAA6210-001	0	1	Illite	0.61	Halloysite	0	227.77	973.4
NAA6210	NAA6210-002	1	2	Halloysite	0.52	Illite	0	119.12	2336
NAA6210	NAA6210-003	2	3	Halloysite	0.66	Illite	0	115.22	1584.3
NAA6210	NAA6210-004	3	4	Halloysite	0.74	Dickite	0	144.42	1615.2
NAA6210	NAA6210-005	4	5	Halloysite	0.72	Dickite	0	131.57	1999.2
NAA6210	NAA6210-006	5	6	Kaolinite	0.58	Montmorillonite	0	51.263	1953.2
NAA6210	NAA6210-007	6	7	Kaolinite	0.53	Montmorillonite	0	80.746	1868.4
NAA6210	NAA6210-008	7	8	Halloysite	0.51	Montmorillonite	0	86.381	1684.4
NAA6210	NAA6210-009	8	9	Kaolinite	0.6	Halloysite	0	61.619	2444.7
NAA6210	NAA6210-010	9	10	Kaolinite	0.51	Montmorillonite	1	87.598	2026.5
NAA6210	NAA6210-011	10	11	Kaolinite	0.56	Montmorillonite	0	50.412	2836.3
NAA6210	NAA6210-012	11	12	Kaolinite	0.5	Montmorillonite	1	87.652	1615.6
NAA6210	NAA6210-013	12	13	Kaolinite	0.56	Halloysite	0	82.417	2157.8
NAA6210	NAA6210-014	13	14	Montmorillonite	0.57	Kaolinite	0	58.356	1749
NAA6210	NAA6210-015	14	15	Kaolinite	0.54	Montmorillonite	0	79.783	1375.6
NAA6210	NAA6210-016	15	16	Illite	0.63	Halloysite	0	131.59	1779.4
NAA6210	NAA6210-017	16	17	Kaolinite	0.58	Montmorillonite	0	56.639	1600.1
NAA6210	NAA6210-018	17	18	Kaolinite	0.56	Montmorillonite	0	50.433	1183.5
NAA6210	NAA6210-019	18	19	Kaolinite	0.6	Montmorillonite	0	60.606	2293
NAA6210	NAA6210-020	19	20	Kaolinite	0.53	Montmorillonite	0	47.473	1657.2
NAA6210	NAA6210-021	20	21	Kaolinite	0.59	Montmorillonite	0	58.398	2403
NAA6210	NAA6210-022	21	22	Halloysite	0.55	Montmorillonite	0	80.387	2341.3
NAA6210	NAA6210-023	22	23	Montmorillonite	0.53	Siderite	0	62.893	2028.2
NAA6210	NAA6210-024	23	24	MgChlorite	0.74	Montmorillonite	0	50.157	1738.9
NAA6211	NAA6211-001	0	1	Illite	0.67	Halloysite	0	206.57	2282.6
NAA6211	NAA6211-002	1	2	Illite	0.6	Halloysite	0	82.403	2158.7
NAA6211	NAA6211-003	2	3	Illite	0.58	Halloysite	0	94.207	2034.5
NAA6211	NAA6211-004	3	4	Halloysite	0.51	Montmorillonite	0	112.72	1550.1
NAA6211	NAA6211-005	4	5	Illite	0.56	Halloysite	0	133.99	2496.9
NAA6211	NAA6211-006	5	6	Halloysite	0.55	Illite	0	110.15	2162
NAA6211	NAA6211-007	6	7	Halloysite	0.57	Montmorillonite	0	83.713	2021.8
NAA6211	NAA6211-008	7	8	Montmorillonite	0.68	Kaolinite	0	80.828	1597
NAA6211	NAA6211-009	8	9	Montmorillonite	0.62	Kaolinite	0	85.929	1455.5
NAA6211	NAA6211-010	9	10	Montmorillonite	1	NULL		289.74	886.2
NAA6211	NAA6211-011	10	11	Montmorillonite	0.67	Nontronite	0	112.55	1989.1
NAA6211	NAA6211-012	11	12	Montmorillonite	0.67	Nontronite	0	129.17	1613.3
NAA6211	NAA6211-013	12	13	Montmorillonite	0.68	Nontronite	0	118.04	1340.2
NAA6211	NAA6211-014	13	14	Montmorillonite	0.69	Kaolinite	0	100.31	1815.8
NAA6211	NAA6211-015	14	15	Montmorillonite	0.64	Kaolinite	0	87.583	2006.7
NAA6211	NAA6211-016	15	16	Montmorillonite	0.68	Kaolinite	0	107.49	1995.4
NAA6211	NAA6211-017	16	17	Montmorillonite	0.67	Kaolinite	0	93.611	1628.5
NAA6211	NAA6211-018	17	18	Montmorillonite	0.74	Kaolinite	0	94.136	1957.8
NAA6211	NAA6211-019	18	19	Montmorillonite	0.73	Nontronite	0	76.989	1773.7
NAA6211	NAA6211-020	19	20	Montmorillonite	0.74	Kaolinite	0	93.835	1677.2
NAA6211	NAA6211-021	20	21	Hornblende	0.53	Illite	0	151.63	1732.6
NAA6212	NAA6212-001	0	1	Illite	0.67	Halloysite	0	92.865	2516.9
NAA6212	NAA6212-002	1	2	Illite	0.56	Halloysite	0	150.1	873.2
NAA6212	NAA6212-003	2	3	Illite	0.54	Halloysite	0	115.81	1457.8
NAA6212	NAA6212-004	3	4	Illite	0.52	Halloysite	0	88.506	1757.1
NAA6212	NAA6212-005	4	5	Halloysite	0.5	Illite	1	125.39	1648.6
NAA6212	NAA6212-006	5	6	Montmorillonite	0.63	Halloysite	0	186.16	1057
NAA6212	NAA6212-007	6	7	Montmorillonite	0.52	Halloysite	0	101.68	1725
NAA6212	NAA6212-008	7	8	Montmorillonite	0.71	Kaolinite	0	69.711	1712.8
NAA6212	NAA6212-009	8	9	Montmorillonite	0.75	Kaolinite	0	67.518	1786.2
NAA6212	NAA6212-010	9	10	Montmorillonite	0.7	Kaolinite	0	71.912	1121.6
NAA6212	NAA6212-011	10	11	Montmorillonite	0.65	Kaolinite	0	50.207	2429
NAA6212	NAA6212-012	11	12	Kaolinite	0.59	Montmorillonite	0	54.35	2153.9
NAA6212	NAA6212-013	12	13	Montmorillonite	0.55	Kaolinite	0	76.067	1961.2
NAA6212	NAA6212-014	13	14	Montmorillonite	0.52	Kaolinite	0	61.465	2636.1
NAA6212	NAA6212-015	14	15	Halloysite	0.53	Illite	0	79.386	1849.8

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
NAA6212	NAA6212-016	15	16	Kaolinite	0.51	Illite	0	80.09	1866
NAA6212	NAA6212-017	16	17	Illite	0.68	Halloysite	0	76.912	2274.1
NAA6212	NAA6212-018	17	18	Paragonite	0.51	Illite	0	41.275	2323.1
NAA6212	NAA6212-019	18	19	Kaolinite	0.52	Illite	0	71.381	2324.8
NAA6212	NAA6212-020	19	20	Montmorillonite	0.63	Halloysite	0	126.28	1403.2
NAA6212	NAA6212-021	20	21	Illite	0.72	Halloysite	0	64.923	2255.7
NAA6212	NAA6212-022	21	22	Illite	1	NULL		117.73	806.4
NAA6212	NAA6212-023	22	23	Illite	1	NULL		155.81	1966
NAA6213	NAA6213-001	0	1	Illite	0.82	Jarosite	0	173.34	2681.2
NAA6213	NAA6213-002	1	2	Illite	1	NULL		315.86	2822.1
NAA6213	NAA6213-003	2	3	Illite	0.5	Halloysite	1	102.42	1617.2
NAA6213	NAA6213-004	3	4	Montmorillonite	0.55	Halloysite	0	59.408	2319.1
NAA6213	NAA6213-005	4	5	Halloysite	0.55	Montmorillonite	0	70.318	1716.8
NAA6213	NAA6213-006	5	6	Montmorillonite	0.66	Kaolinite	0	66.082	1363.9
NAA6213	NAA6213-007	6	7	Montmorillonite	0.64	Halloysite	0	65.504	1572.4
NAA6213	NAA6213-008	7	8	Montmorillonite	0.58	Halloysite	0	73.723	1805.2
NAA6213	NAA6213-009	8	9	Illite	1	NULL		630.52	2402.3
NAA6213	NAA6213-010	9	10	Montmorillonite	0.78	Nontronite	0	73.634	1633.3
NAA6213	NAA6213-011	10	11	Montmorillonite	0.66	Nontronite	0	47.97	1996.2
NAA6213	NAA6213-012	11	12	Montmorillonite	0.63	Nontronite	0	58.562	1119.9
NAA6213	NAA6213-013	12	13	Montmorillonite	0.66	Nontronite	0	60.916	1901.7
NAA6213	NAA6213-014	13	14	Montmorillonite	0.64	Nontronite	0	53.578	2357.7
NAA6213	NAA6213-015	14	15	Montmorillonite	0.64	Nontronite	0	54.8	2148.6
NAA6213	NAA6213-016	15	16	Montmorillonite	0.61	Nontronite	0	50.606	1062
NAA6213	NAA6213-017	16	17	Montmorillonite	0.6	Nontronite	0	54.787	1801.4
NAA6213	NAA6213-018	17	18	Montmorillonite	0.63	Nontronite	0	51.875	2061.1
NAA6213	NAA6213-019	18	19	Montmorillonite	0.62	Nontronite	0	71.938	2322.2
NAA6213	NAA6213-020	19	20	Montmorillonite	0.56	Nontronite	0	118.71	1498.4
NAA6213	NAA6213-021	20	21	Montmorillonite	0.79	WhiteMarker	0	291.69	682.9
NAA6213	NAA6213-022	21	22	Montmorillonite	1	NULL		208.51	2072.9
NAA6214	NAA6214-001	0	1	Illite	0.53	Halloysite	0	89.956	2706.1
NAA6214	NAA6214-002	1	2	Halloysite	0.54	Illite	0	100.11	1818.1
NAA6214	NAA6214-003	2	3	Halloysite	0.53	Illite	0	120.47	2855.9
NAA6214	NAA6214-004	3	4	Halloysite	0.59	Montmorillonite	0	94.076	1680.1
NAA6214	NAA6214-005	4	5	Montmorillonite	0.67	Kaolinite	0	53.505	1637.2
NAA6214	NAA6214-006	5	6	Montmorillonite	0.69	Kaolinite	0	34.433	2010.3
NAA6214	NAA6214-007	6	7	Montmorillonite	0.71	Kaolinite	0	43.62	1701.5
NAA6214	NAA6214-008	7	8	Montmorillonite	0.73	Kaolinite	0	32.666	1692.6
NAA6214	NAA6214-009	8	9	Montmorillonite	0.74	Kaolinite	0	58.922	1884.6
NAA6214	NAA6214-010	9	10	Montmorillonite	0.76	Kaolinite	0	69.691	1726.6
NAA6214	NAA6214-011	10	11	Montmorillonite	0.74	Kaolinite	0	67.149	1411.9
NAA6214	NAA6214-012	11	12	Montmorillonite	0.67	Nontronite	0	79.839	1245.7
NAA6214	NAA6214-013	12	13	Montmorillonite	0.7	Nontronite	0	79.225	1567.3
NAA6214	NAA6214-014	13	14	Montmorillonite	0.68	Nontronite	0	82.975	2078
NAA6214	NAA6214-015	14	15	Montmorillonite	0.66	Nontronite	0	73.494	2123.4
NAA6214	NAA6214-016	15	16	Montmorillonite	0.66	Nontronite	0	71.879	1607.6
NAA6214	NAA6214-017	16	17	Montmorillonite	0.68	Nontronite	0	77.809	1953.9
NAA6214	NAA6214-018	17	18	Montmorillonite	0.7	Nontronite	0	77.629	2319.3
NAA6214	NAA6214-019	18	19	Montmorillonite	0.68	Nontronite	0	81.071	1193.2
NAA6214	NAA6214-020	19	20	Montmorillonite	0.72	Nontronite	0	85.725	1785.8
NAA6214	NAA6214-021	20	21	Montmorillonite	1	NULL		364.44	1828.5
NAA6214	NAA6214-022	21	22	Montmorillonite	0.76	Kaolinite	0	87.691	2180.2
NAA6214	NAA6214-023	22	23	Montmorillonite	0.73	Epidote	0	129.84	2189.5
NAA6214	NAA6214-024	23	24	Montmorillonite	0.59	Kaolinite	0	156.72	1805.5
NAA6214	NAA6214-025	24	25	WhiteMarker	1	NULL		923.27	518.6
NAA6214	NAA6214-026	25	26	Kaolinite	0.61	Montmorillonite	0	60.291	1913.6
NAA6215	NAA6215-001	0	1	Montmorillonite	0.72	Ankerite	0	172.24	2194.6
NAA6215	NAA6215-002	1	2	Montmorillonite	0.57	Siderite	0	124.07	1554.8
NAA6215	NAA6215-003	2	3	Montmorillonite	1	NULL		81.602	2295.4
NAA6215	NAA6215-004	3	4	Montmorillonite	1	NULL		73.519	1674.3
NAA6215	NAA6215-005	4	5	Montmorillonite	1	NULL		68.872	1726.6
NAA6215	NAA6215-006	5	6	Montmorillonite	1	NULL		109.93	1463.6
NAA6215	NAA6215-007	6	7	Montmorillonite	0.71	Nontronite	0	74.968	1528.7
NAA6215	NAA6215-008	7	8	Montmorillonite	0.71	Nontronite	0	85.298	1672.1

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
NAA6215	NAA6215-009	8	9	Montmorillonite	0.66	Kaolinite	0	164.95	1660.9
NAA6215	NAA6215-010	9	10	Nontronite	0.55	Halloysite	0	329.21	1058
NAA6215	NAA6215-011	10	11	Montmorillonite	1	NULL		142.54	1188.5
NAA6215	NAA6215-012	11	12	Montmorillonite	1	NULL		496.55	518.6
NAA6215	NAA6215-013	12	13	Montmorillonite	0.78	Zoisite	0	143.39	1747.3
NAA6215	NAA6215-014	13	14	Montmorillonite	0.65	Nontronite	0	167.19	2234.2
NAA6215	NAA6215-015	14	15	Montmorillonite	1	NULL		383.81	1326.8
NAA6215	NAA6215-016	15	16	Montmorillonite	0.71	Nontronite	0	146.97	1461.9
NAA6215	NAA6215-017	16	17	Montmorillonite	0.71	MgChlorite	0	82.228	1365.7
NAA6215	NAA6215-018	17	18	Montmorillonite	1	NULL		108.78	1291.9
NAA6215	NAA6215-019	18	19	Montmorillonite	0.67	Muscovite	0	114.31	1511.1
NAA6215	NAA6215-020	19	20	Montmorillonite	0.57	IntChlorite	0	78.888	2056.7
NAA6215	NAA6215-021	20	21	Montmorillonite	0.61	MgChlorite	0	105.06	1483.1
NAA6215	NAA6215-022	21	22	IntChlorite	0.59	Montmorillonite	0	84.231	1323.2
NAA6215	NAA6215-023	22	23	IntChlorite	0.62	Montmorillonite	0	99.771	1679.4
NAA6215	NAA6215-024	23	24	IntChlorite	0.67	Illite	0	153.7	1392.3
NAA6216	NAA6216-001	0	1	Halloysite	1	NULL		392.42	2812.9
NAA6216	NAA6216-002	1	2	Halloysite	0.66	Illite	0	210.39	2838.7
NAA6216	NAA6216-003	2	3	Montmorillonite	0.59	Halloysite	0	71.861	1986.7
NAA6216	NAA6216-004	3	4	Kaolinite	0.52	Montmorillonite	0	178.31	1131.2
NAA6216	NAA6216-005	4	5	Montmorillonite	0.66	Kaolinite	0	46.925	1554.6
NAA6216	NAA6216-006	5	6	Montmorillonite	0.68	Kaolinite	0	49.392	1870.5
NAA6216	NAA6216-007	6	7	Montmorillonite	0.67	Kaolinite	0	49.084	1302.6
NAA6216	NAA6216-008	7	8	Montmorillonite	0.68	Kaolinite	0	49.625	1811.5
NAA6216	NAA6216-009	8	9	Montmorillonite	0.65	Kaolinite	0	89.281	1297
NAA6217	NAA6217-001	0	1	Illite	0.53	Halloysite	0	455.91	2484.2
NAA6217	NAA6217-002	1	2	Illite	0.5	Halloysite	1	484.68	3278.5
NAA6217	NAA6217-003	2	3	Montmorillonite	0.69	Kaolinite	0	44.903	1812.5
NAA6217	NAA6217-004	3	4	Montmorillonite	0.67	Kaolinite	0	74.12	1292
NAA6217	NAA6217-005	4	5	Montmorillonite	0.69	Kaolinite	0	56.952	1338
NAA6217	NAA6217-006	5	6	Montmorillonite	0.65	Kaolinite	0	43.706	1412.8
NAA6217	NAA6217-007	6	7	Montmorillonite	0.66	Kaolinite	0	46.562	1324.7
NAA6217	NAA6217-008	7	8	Montmorillonite	0.65	Kaolinite	0	55.843	1162.9
NAA6217	NAA6217-009	8	9	Montmorillonite	0.61	Kaolinite	0	45.22	1424.6
NAA6217	NAA6217-010	9	10	Montmorillonite	0.62	Kaolinite	0	54.279	1678.8
NAA6217	NAA6217-011	10	11	Montmorillonite	0.66	Kaolinite	0	73.512	1719.4
NAA6217	NAA6217-012	11	12	Montmorillonite	0.64	Kaolinite	0	71.574	1776.1
NAA6217	NAA6217-013	12	13	Montmorillonite	0.65	Kaolinite	0	63.878	1911.5
NAA6217	NAA6217-014	13	14	Montmorillonite	0.65	Kaolinite	0	96.413	2003
NAA6217	NAA6217-015	14	15	Montmorillonite	0.69	Kaolinite	0	109.2	1980.6
NAA6217	NAA6217-016	15	16	Montmorillonite	0.67	Nontronite	0	78.633	1742.2
NAA6217	NAA6217-017	16	17	Montmorillonite	0.72	Nontronite	0	119.71	1815.7
NAA6217	NAA6217-018	17	18	Montmorillonite	0.72	Kaolinite	0	110.37	1075
NAA6217	NAA6217-019	18	19	Montmorillonite	0.7	Nontronite	0	108.93	1172
NAA6217	NAA6217-020	19	20	Montmorillonite	0.64	Nontronite	0	84.58	1748.6
NAA6217	NAA6217-021	20	21	Montmorillonite	1	NULL		264.72	1105
NAA6218	NAA6218-001	0	1	Montmorillonite	0.57	Halloysite	0	154.74	3468.3
NAA6218	NAA6218-002	1	2	Montmorillonite	0.55	Kaolinite	0	109.41	1990.1
NAA6218	NAA6218-003	2	3	Montmorillonite	0.64	Halloysite	0	64.407	2096.9
NAA6218	NAA6218-004	3	4	Montmorillonite	0.68	Kaolinite	0	46.778	1989.8
NAA6218	NAA6218-005	4	5	Montmorillonite	0.72	Kaolinite	0	64.016	1765.3
NAA6218	NAA6218-006	5	6	Montmorillonite	0.7	Kaolinite	0	78.173	1982.7
NAA6218	NAA6218-007	6	7	Montmorillonite	0.59	Halloysite	0	80.746	1809.3
NAA6218	NAA6218-008	7	8	Montmorillonite	0.58	Kaolinite	0	75.629	1704.4
NAA6218	NAA6218-009	8	9	Montmorillonite	0.53	Halloysite	0	75.431	2400.8
NAA6218	NAA6218-010	9	10	Montmorillonite	0.52	Halloysite	0	84.473	1803.3
NAA6218	NAA6218-011	10	11	Halloysite	0.85	Topaz	0	3510.03	1417.9
NAA6218	NAA6218-012	11	12	Montmorillonite	0.67	Halloysite	0	94.568	2197.9
NAA6218	NAA6218-013	12	13	WhiteMarker	1	NULL		1242.2	265.9
NAA6218	NAA6218-014	13	14	Illite	1	NULL		54.747	1729.8
NAA6218	NAA6218-015	14	15	Illite	1	NULL		161.77	999.7
NAA6218	NAA6218-016	15	16	Illite	1	NULL		60.406	1681.6
NAA6218	NAA6218-017	16	17	Illite	1	NULL		107.37	1545.2
NAA6218	NAA6218-018	17	18	Illite	1	NULL		41.733	2002.2

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
NAA6218	NAA6218-019	18	19	Illite	1	NULL		75.893	922.3
NAA6218	NAA6218-020	19	20	Illite	0.72	IntChlorite	0	54.183	1466.9
NAA6219	NAA6219-001	0	1	Halloysite	0.76	Paragonite	0	132.64	1662.4
NAA6219	NAA6219-002	1	2	Halloysite	1	NULL		265.54	1562.3
NAA6219	NAA6219-003	2	3	Halloysite	1	NULL		262.79	1399.1
NAA6219	NAA6219-004	3	4	Montmorillonite	0.67	Kaolinite	0	62.626	1289.4
NAA6219	NAA6219-005	4	5	Montmorillonite	0.75	Nontronite	0	71.999	1220.1
NAA6219	NAA6219-006	5	6	Montmorillonite	0.72	Kaolinite	0	87.843	1166.1
NAA6219	NAA6219-007	6	7	Montmorillonite	0.69	Kaolinite	0	74.99	1034.7
NAA6219	NAA6219-008	7	8	Montmorillonite	0.68	Kaolinite	0	77.932	1483.6
NAA6219	NAA6219-009	8	9	Montmorillonite	0.66	Kaolinite	0	106.42	1516.5
NAA6219	NAA6219-010	9	10	Montmorillonite	0.61	Kaolinite	0	90.995	1835.4
NAA6219	NAA6219-011	10	11	Montmorillonite	0.7	Kaolinite	0	107.69	1477.5
NAA6219	NAA6219-012	11	12	Nontronite	0.52	Halloysite	0	216.51	1266.9
NAA6219	NAA6219-013	12	13	Montmorillonite	0.67	Nontronite	0	103.97	1988.3
NAA6219	NAA6219-014	13	14	Montmorillonite	0.66	Nontronite	0	101.71	1686
NAA6219	NAA6219-015	14	15	Montmorillonite	0.66	Nontronite	0	83.317	1646.5
NAA6219	NAA6219-016	15	16	Montmorillonite	0.64	Nontronite	0	81.212	2197.3
NAA6219	NAA6219-017	16	17	Montmorillonite	0.55	Nontronite	0	115.08	2476.5
NAA6220	NAA6220-001	0	1	Kaolinite	0.52	Halloysite	0	177.18	1518.7
NAA6220	NAA6220-002	1	2	Halloysite	0.55	Kaolinite	0	140.2	1103.2
NAA6220	NAA6220-003	2	3	Kaolinite	0.51	Montmorillonite	0	100.08	789
NAA6220	NAA6220-004	3	4	Montmorillonite	0.59	Kaolinite	0	101.18	1009.9
NAA6220	NAA6220-005	4	5	Kaolinite	0.63	Halloysite	0	82.428	974.5
NAA6220	NAA6220-006	5	6	Kaolinite	0.67	Halloysite	0	60.097	1635.1
NAA6220	NAA6220-007	6	7	Kaolinite	0.69	Halloysite	0	66.424	1315.2
NAA6220	NAA6220-008	7	8	Kaolinite	0.68	Halloysite	0	74.47	1053.1
NAA6220	NAA6220-009	8	9	Kaolinite	0.61	Halloysite	0	60.493	1501.3
NAA6220	NAA6220-010	9	10	Kaolinite	0.7	Halloysite	0	84.916	1820.8
NAA6220	NAA6220-011	10	11	Kaolinite	0.62	Halloysite	0	54.192	1830.6
NAA6220	NAA6220-012	11	12	Montmorillonite	0.61	Halloysite	0	77.195	1520.2
NAA6220	NAA6220-013	12	13	Montmorillonite	0.78	Halloysite	0	81.792	1823.6
NAA6220	NAA6220-014	13	14	Illite	0.53	Halloysite	0	213.47	1325
NAA6220	NAA6220-015	14	15	Illite	0.63	Halloysite	0	142.94	1703.2
NAA6220	NAA6220-016	15	16	Illite	0.68	Kaolinite	0	85.428	1842.8
NAA6220	NAA6220-017	16	17	Montmorillonite	0.74	Nontronite	0	90.999	1374.8
NAA6220	NAA6220-018	17	18	Montmorillonite	0.69	Halloysite	0	155.61	1530.1
NAA6220	NAA6220-019	18	19	Halloysite	1	NULL		350.25	2247.1
NAA6220	NAA6220-020	19	20	Montmorillonite	1	NULL		311.62	666.5
NAA6220	NAA6220-021	20	21	Illite	1	NULL		91.712	1943.1
NAA6221	NAA6221-001	0	1	Kaolinite	0.58	Montmorillonite	0	93.153	1248.8
NAA6221	NAA6221-002	1	2	Halloysite	0.57	Montmorillonite	0	176.87	1321.2
NAA6221	NAA6221-003	2	3	Montmorillonite	0.8	Kaolinite	0	49.8	1173.4
NAA6221	NAA6221-004	3	4	Montmorillonite	0.73	Kaolinite	0	147.18	650.3
NAA6221	NAA6221-005	4	5	Montmorillonite	0.8	Nontronite	0	58.054	1276.9
NAA6221	NAA6221-006	5	6	Montmorillonite	1	NULL		156.43	705.1
NAA6221	NAA6221-007	6	7	Montmorillonite	0.71	Nontronite	0	53.435	1581.4
NAA6221	NAA6221-008	7	8	Montmorillonite	0.66	Kaolinite	0	90.171	1340
NAA6221	NAA6221-009	8	9	Montmorillonite	0.71	Kaolinite	0	84.062	1711.1
NAA6221	NAA6221-010	9	10	Montmorillonite	0.64	Kaolinite	0	89.536	1719.2
NAA6221	NAA6221-011	10	11	Montmorillonite	0.6	Kaolinite	0	90.953	1687.5
NAA6221	NAA6221-012	11	12	Montmorillonite	0.58	Kaolinite	0	97.318	1185.5
NAA6221	NAA6221-013	12	13	Montmorillonite	0.69	Kaolinite	0	69.134	2048.2
NAA6221	NAA6221-014	13	14	Opal	0.53	Kaolinite	0	93.666	1460.9
NAA6221	NAA6221-015	14	15	Montmorillonite	0.58	Kaolinite	0	86.384	1969.7
NAA6221	NAA6221-016	15	16	Montmorillonite	0.65	MgChlorite	0	105.07	1008.3
NAA6221	NAA6221-017	16	17	MgChlorite	0.56	Montmorillonite	0	184.88	1572.4
NAA6222	NAA6222-001	0	1	Halloysite	0.56	Illite	0	188.94	1589.5
NAA6222	NAA6222-002	1	2	Halloysite	0.52	Illite	0	260.13	1433.9
NAA6222	NAA6222-003	2	3	Montmorillonite	0.65	Kaolinite	0	92.864	1433.8
NAA6222	NAA6222-004	3	4	Montmorillonite	0.67	Kaolinite	0	53.98	1439.3
NAA6222	NAA6222-005	4	5	Montmorillonite	0.64	Kaolinite	0	61.638	1751.1
NAA6222	NAA6222-006	5	6	Opal	0.56	Kaolinite	0	142.38	2014.3
NAA6222	NAA6222-007	6	7	Montmorillonite	0.61	Kaolinite	0	51.549	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
NAA6222	NAA6222-008	7	8	Montmorillonite	0.57	Kaolinite	0	64.967	1886.8
NAA6222	NAA6222-009	8	9	Montmorillonite	0.56	Kaolinite	0	89.526	1736.5
NAA6222	NAA6222-010	9	10	Montmorillonite	0.62	Kaolinite	0	84.637	1264.3
NAA6222	NAA6222-011	10	11	Montmorillonite	0.6	Kaolinite	0	68.494	1502.3
NAA6222	NAA6222-012	11	12	Montmorillonite	0.76	Paragonite	0	98.808	932.7
NAA6222	NAA6222-013	12	13	Kaolinite	0.54	Montmorillonite	0	54.529	2042.9
NAA6222	NAA6222-014	13	14	Montmorillonite	0.59	Kaolinite	0	76.932	2399.5
NAA6222	NAA6222-015	14	15	Montmorillonite	0.6	Halloysite	0	255.58	1852.3
NAA6222	NAA6222-016	15	16	Montmorillonite	0.56	Kaolinite	0	119.55	2634.6
NAA6222	NAA6222-017	16	17	Halloysite	0.56	Nontronite	0	125.39	1768.5
NAA6222	NAA6222-018	17	18	Montmorillonite	0.52	Hornblende	0	93.962	2464.7
NAA6222	NAA6222-019	18	19	WhiteMarker	1	NULL		922.62	535
NAA6223	NAA6223-001	0	1	Halloysite	0.66	Illite	0	193.88	1992.2
NAA6223	NAA6223-002	1	2	Halloysite	0.69	Illite	0	138.1	2308.9
NAA6223	NAA6223-003	2	3	Montmorillonite	0.54	Kaolinite	0	208.99	819.5
NAA6223	NAA6223-004	3	4	Halloysite	0.5	Montmorillonite	1	106.92	1174
NAA6223	NAA6223-005	4	5	Montmorillonite	0.7	Kaolinite	0	35.726	1733.7
NAA6223	NAA6223-006	5	6	Montmorillonite	0.68	Halloysite	0	61.247	1910.3
NAA6223	NAA6223-007	6	7	Kaolinite	0.65	Montmorillonite	0	130.97	1994.7
NAA6223	NAA6223-008	7	8	Montmorillonite	0.71	Kaolinite	0	65.055	1308.1
NAA6223	NAA6223-009	8	9	Montmorillonite	0.72	Kaolinite	0	73.467	1245.2
NAA6223	NAA6223-010	9	10	Montmorillonite	0.71	Kaolinite	0	73.114	1634.9
NAA6223	NAA6223-011	10	11	Montmorillonite	0.74	Kaolinite	0	84.11	1201.4
NAA6223	NAA6223-012	11	12	Montmorillonite	0.69	Nontronite	0	66.405	1281.8
NAA6223	NAA6223-013	12	13	Montmorillonite	0.59	Halloysite	0	73.586	1258
NAA6223	NAA6223-014	13	14	Montmorillonite	0.7	Nontronite	0	38.934	1692.6
NAA6223	NAA6223-015	14	15	Montmorillonite	0.72	Nontronite	0	48.216	1380.9
NAA6223	NAA6223-016	15	16	Montmorillonite	0.65	Nontronite	0	48.113	1223
NAA6223	NAA6223-017	16	17	Montmorillonite	0.68	Nontronite	0	56.787	1437.7
NAA6223	NAA6223-018	17	18	Epidote	0.57	Montmorillonite	0	52.813	1486.8
NAA6223	NAA6223-019	18	19	Montmorillonite	0.59	Nontronite	0	39.444	1391.8
NAA6223	NAA6223-020	19	20	Montmorillonite	0.69	Nontronite	0	59.163	1354.2
NAA6223	NAA6223-021	20	21	Montmorillonite	0.8	Epidote	0	173.39	1192.8
NAA6223	NAA6223-022	21	22	Montmorillonite	0.61	Nontronite	0	73.501	1388.7
NAA6223	NAA6223-023	22	23	Montmorillonite	0.82	WhiteMarker	0	211.61	710.3
NAA6223	NAA6223-024	23	24	Montmorillonite	0.75	Nontronite	0	85.807	1685.3
NAA6224	NAA6224-001	0	1	Opal	0.55	Halloysite	0	233.85	2671.4
NAA6224	NAA6224-002	1	2	Montmorillonite	0.5	Halloysite	1	131.95	1933.4
NAA6224	NAA6224-003	2	3	Montmorillonite	0.63	Kaolinite	0	67.392	1806.2
NAA6224	NAA6224-004	3	4	Montmorillonite	0.73	Kaolinite	0	62.987	1296.7
NAA6224	NAA6224-005	4	5	Montmorillonite	0.67	Kaolinite	0	53.839	1301.6
NAA6224	NAA6224-006	5	6	Halloysite	1	NULL		204.99	1140.3
NAA6224	NAA6224-007	6	7	Montmorillonite	0.71	Kaolinite	0	101.55	1075.8
NAA6224	NAA6224-008	7	8	Montmorillonite	0.78	WhiteMarker	0	340.66	550.4
NAA6224	NAA6224-009	8	9	Montmorillonite	0.7	Kaolinite	0	62.42	1139.7
NAA6224	NAA6224-010	9	10	Montmorillonite	0.66	Kaolinite	0	46.863	2291.8
NAA6224	NAA6224-011	10	11	Kaolinite	0.52	Montmorillonite	0	60.668	1479.1
NAA6224	NAA6224-012	11	12	Montmorillonite	0.52	Kaolinite	0	94.807	1472.9
NAA6224	NAA6224-013	12	13	Montmorillonite	0.62	Kaolinite	0	67.424	2320.9
NAA6224	NAA6224-014	13	14	Montmorillonite	0.7	Kaolinite	0	81.752	1567.3
NAA6224	NAA6224-015	14	15	Montmorillonite	0.59	Kaolinite	0	72.977	1697.2
NAA6224	NAA6224-016	15	16	Montmorillonite	0.62	Kaolinite	0	64.335	1743.3
NAA6224	NAA6224-017	16	17	Montmorillonite	0.69	Kaolinite	0	75.001	1455.2
NAA6224	NAA6224-018	17	18	Montmorillonite	0.61	Kaolinite	0	108.55	1048.5
NAA6224	NAA6224-019	18	19	Montmorillonite	0.69	Kaolinite	0	49.911	1908.6
NAA6224	NAA6224-020	19	20	Montmorillonite	0.64	Kaolinite	0	60.846	2252.9
NAA6224	NAA6224-021	20	21	Montmorillonite	0.64	Kaolinite	0	103.96	928.6
NAA6224	NAA6224-022	21	22	Nontronite	0.52	Halloysite	0	207.3	949.5
NAA6224	NAA6224-023	22	23	Montmorillonite	0.74	Kaolinite	0	95.183	1653.9
NAA6224	NAA6224-024	23	24	Montmorillonite	1	NULL		263.06	1483.1
NAA6224	NAA6224-025	24	25	Montmorillonite	0.59	IntChlorite	0	79.709	2272.7
NAA6225	NAA6225-001	0	1	Halloysite	1	NULL		274.45	1750.4
NAA6225	NAA6225-002	1	2	Halloysite	0.53	Montmorillonite	0	95.119	1833.4
NAA6225	NAA6225-003	2	3	Halloysite	0.6	Montmorillonite	0	176.08	1553.5

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
NAA6225	NAA6225-004	3	4	Halloysite	0.57	Montmorillonite	0	94.878	1293.4
NAA6225	NAA6225-005	4	5	Montmorillonite	0.75	Kaolinite	0	66.949	1789.8
NAA6225	NAA6225-006	5	6	Montmorillonite	0.63	Halloysite	0	126.67	1406
NAA6225	NAA6225-007	6	7	Montmorillonite	0.51	Halloysite	0	74.857	1843
NAA6225	NAA6225-008	7	8	Halloysite	1	NULL		292.04	2031.6
NAA6226	NAA6226-001	0	1	Halloysite	1	NULL		407.82	2556.8
NAA6226	NAA6226-002	1	2	Illite	0.54	Halloysite	0	138.18	1843.5
NAA6226	NAA6226-003	2	3	Illite	1	NULL		913.05	815.7
NAA6226	NAA6226-004	3	4	Montmorillonite	1	NULL		38.227	1725.6
NAA6226	NAA6226-005	4	5	Montmorillonite	0.75	Halloysite	0	36.728	1632.3
NAA6226	NAA6226-006	5	6	Illite	0.51	Montmorillonite	1	44.163	1244
NAA6226	NAA6226-007	6	7	Montmorillonite	0.55	Illite	0	76.647	1788
NAA6226	NAA6226-008	7	8	Halloysite	0.59	Illite	0	96.21	1882.6
NAA6226	NAA6226-009	8	9	Illite	0.61	Halloysite	0	76.314	1389.2
NAA6226	NAA6226-010	9	10	Illite	0.54	Halloysite	0	53.865	2151
NAA6226	NAA6226-011	10	11	Halloysite	0.51	Kaolinite	0	60.111	1754.6
NAA6226	NAA6226-012	11	12	Illite	0.77	Halloysite	0	59.645	2000.8
NAA6226	NAA6226-013	12	13	Montmorillonite	0.58	Halloysite	0	47.32	1121.9
NAA6226	NAA6226-014	13	14	Illite	0.63	Halloysite	0	76.909	1381.2
NAA6226	NAA6226-015	14	15	Muscovite	0.71	Halloysite	0	58.061	1473.3
NAA6226	NAA6226-016	15	16	Illite	0.66	Phengite	0	53.355	1955.2
NAA6226	NAA6226-017	16	17	Muscovite	1	NULL		76.304	1545
NAA6227	NAA6227-001	0	1	Halloysite	0.59	Illite	0	291.46	2219.4
NAA6227	NAA6227-002	1	2	Muscovite	0.52	Halloysite	0	280.11	1735.5
NAA6227	NAA6227-003	2	3	Muscovite	0.51	Halloysite	0	249	3361.2
NAA6227	NAA6227-004	3	4	Halloysite	1	NULL		453.05	1792.8
NAA6227	NAA6227-005	4	5	Montmorillonite	0.66	Halloysite	0	112.76	2033.5
NAA6227	NAA6227-006	5	6	Montmorillonite	0.7	Halloysite	0	66.984	1971.1
NAA6227	NAA6227-007	6	7	Illite	0.72	Halloysite	0	40.153	1944.3
NAA6227	NAA6227-008	7	8	Illite	0.61	Halloysite	0	83.275	1614.6
NAA6227	NAA6227-009	8	9	Illite	0.51	Halloysite	0	69.446	1994.1
NAA6227	NAA6227-010	9	10	Illite	0.7	Halloysite	0	52.92	1467
NAA6227	NAA6227-011	10	11	Illite	1	NULL		59.365	1374.4
NAA6227	NAA6227-012	11	12	Illite	0.83	Halloysite	0	46.417	2039.3
NAA6227	NAA6227-013	12	13	Illite	0.73	Halloysite	0	55.092	1861.6
NAA6227	NAA6227-014	13	14	Muscovite	0.6	Halloysite	0	55.639	1107.1
NAA6228	NAA6228-001	0	1	Halloysite	0.5	Illite	1	164.22	2473.9
NAA6228	NAA6228-002	1	2	Halloysite	0.6	Illite	0	97.33	2228.5
NAA6228	NAA6228-003	2	3	Halloysite	0.68	Illite	0	107.38	2299.7
NAA6228	NAA6228-004	3	4	Halloysite	0.66	Illite	0	114.59	2121.4
NAA6228	NAA6228-005	4	5	Halloysite	0.54	Illite	0	95.041	2364.6
NAA6228	NAA6228-006	5	6	Halloysite	1	NULL		536.53	1095.1
NAA6229	NAA6229-001	0	1	Halloysite	0.58	Wood	0	233.22	2997.8
NAA6229	NAA6229-002	1	2	Halloysite	0.63	Illite	0	143.78	2361.8
NAA6229	NAA6229-003	2	3	Halloysite	1	NULL		326.47	1601
NAA6229	NAA6229-004	3	4	Halloysite	0.66	Illite	0	190.72	2855.8
NAA6229	NAA6229-005	4	5	Halloysite	0.67	Illite	0	156.16	1824.2
NAA6229	NAA6229-006	5	6	Halloysite	0.72	Illite	0	99.96	1932.5
NAA6229	NAA6229-007	6	7	Halloysite	0.75	Dickite	0	99.303	1598.1
NAA6229	NAA6229-008	7	8	Halloysite	0.62	Montmorillonite	0	76.538	1867
NAA6229	NAA6229-009	8	9	Montmorillonite	0.6	Halloysite	0	67.125	1583.3
NAA6229	NAA6229-010	9	10	Montmorillonite	0.56	Halloysite	0	43.251	1813.2
NAA6229	NAA6229-011	10	11	Illite	0.7	Halloysite	0	78.816	1502.6
NAA6229	NAA6229-012	11	12	Illite	0.85	Halloysite	0	41.459	2010.7
NAA6230	NAA6230-001	0	1	Illite	0.72	Halloysite	0	166.82	3599.7
NAA6230	NAA6230-002	1	2	Illite	0.65	Halloysite	0	335.28	1506.3
NAA6230	NAA6230-003	2	3	Illite	0.53	Halloysite	0	154.75	1936.8
NAA6231	NAA6231-001	0	1	Illite	0.59	Halloysite	0	98.528	2155.7
NAA6231	NAA6231-002	1	2	Illite	0.51	Halloysite	0	178.98	1877.9
NAA6231	NAA6231-003	2	3	Kaolinite	0.54	Illite	0	137.51	1617.4
NAA6231	NAA6231-004	3	4	Illite	0.52	Halloysite	0	160.07	1631.7
NAA6231	NAA6231-005	4	5	Halloysite	0.61	Illite	0	210.94	1359.4
NAA6231	NAA6231-006	5	6	Halloysite	0.55	Illite	0	127.13	1829.2
NAA6231	NAA6231-007	6	7	Halloysite	0.62	Illite	0	77.884	1546.7

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
NAA6231	NAA6231-008	7	8	Kaolinite	0.52	Halloysite	0	69.135	1850.3
NAA6231	NAA6231-009	8	9	Kaolinite	0.51	Halloysite	1	59.815	1408.5
NAA6231	NAA6231-010	9	10	Halloysite	0.55	Kaolinite	0	120.73	1745.3
NAA6232	NAA6232-001	0	1	Illite	0.57	Kaolinite	0	205.23	2189.1
NAA6232	NAA6232-002	1	2	Halloysite	0.55	Illite	0	155.1	2735
NAA6232	NAA6232-003	2	3	Halloysite	0.57	Illite	0	194.16	2183.9
NAA6232	NAA6232-004	3	4	Halloysite	0.61	Illite	0	112.97	2511.4
NAA6232	NAA6232-005	4	5	Halloysite	0.59	Illite	0	130.96	1991.5
NAA6232	NAA6232-006	5	6	Halloysite	0.66	Illite	0	119.63	1438.4
NAA6232	NAA6232-007	6	7	Halloysite	0.57	Montmorillonite	0	73.935	1289.8
NAA6232	NAA6232-008	7	8	Montmorillonite	0.84	Halloysite	0	37.87	1804.6
NAA6232	NAA6232-009	8	9	Montmorillonite	0.74	Halloysite	0	44.023	1329.2
NAA6232	NAA6232-010	9	10	Montmorillonite	0.57	Halloysite	0	44.179	1427.1
NAA6232	NAA6232-011	10	11	Halloysite	0.56	Montmorillonite	0	71.255	2111
NAA6232	NAA6232-012	11	12	Illite	0.63	Halloysite	0	130.15	2357.6
NAA6232	NAA6232-013	12	13	Halloysite	0.51	Illite	0	111.84	1616.3
NAA6232	NAA6232-014	13	14	Illite	0.73	Halloysite	0	66.443	2250.6
NAA6232	NAA6232-015	14	15	Illite	0.76	Halloysite	0	43.149	2214.8
NAA6232	NAA6232-016	15	16	Muscovite	0.56	Montmorillonite	0	54.26	2504.2
NAA6232	NAA6232-017	16	17	Halloysite	0.57	Illite	0	74.148	2432.2
NAA6232	NAA6232-018	17	18	Illite	0.68	Halloysite	0	54.479	1831.7
NAA6232	NAA6232-019	18	19	Illite	0.75	Halloysite	0	68.636	1853.9
NAA6232	NAA6232-020	19	20	Illite	0.69	Halloysite	0	47.332	2551.9
NAA6233	NAA6233-001	0	1	Illite	0.7	Halloysite	0	95.553	2571.3
NAA6233	NAA6233-002	1	2	Illite	1	NULL		81.391	1975.7
NAA6233	NAA6233-003	2	3	Illite	0.83	Halloysite	0	69.212	1745.2
NAA6233	NAA6233-004	3	4	Illite	0.68	Halloysite	0	122.37	1663.8
NAA6233	NAA6233-005	4	5	Halloysite	0.55	Illite	0	110.5	2134.3
NAA6233	NAA6233-006	5	6	Halloysite	0.69	Montmorillonite	0	124.62	1715.3
NAA6233	NAA6233-007	6	7	Montmorillonite	0.61	Kaolinite	0	52.339	1795.5
NAA6233	NAA6233-008	7	8	Montmorillonite	0.59	Illite	0	72.662	1237.9
NAA6233	NAA6233-009	8	9	Montmorillonite	0.81	Halloysite	0	83.891	2050.8
NAA6233	NAA6233-010	9	10	Montmorillonite	0.65	Halloysite	0	77.479	1449.5
NAA6233	NAA6233-011	10	11	Montmorillonite	0.7	Halloysite	0	51.903	1622.6
NAA6233	NAA6233-012	11	12	Illite	0.53	Kaolinite	0	63.452	1399.3
NAA6233	NAA6233-013	12	13	Illite	0.5	Kaolinite	1	61.056	1612.2
NAA6233	NAA6233-014	13	14	Illite	0.76	Halloysite	0	61.173	1331.6
NAA6233	NAA6233-015	14	15	Illite	0.81	Halloysite	0	31.194	1999.2
NAA6233	NAA6233-016	15	16	Illite	0.54	Halloysite	0	92.805	1873.8
NAA6233	NAA6233-017	16	17	Illite	0.58	Halloysite	0	44.91	2194
NAA6233	NAA6233-018	17	18	Halloysite	0.58	Illite	0	94.263	1656.9
NAA6233	NAA6233-019	18	19	Illite	0.56	Halloysite	0	90.634	2643
NAA6233	NAA6233-020	19	20	Halloysite	0.64	Illite	0	84.942	2114.7
NAA6233	NAA6233-021	20	21	Illite	0.54	Halloysite	0	66.989	2596.5
NAA6233	NAA6233-022	21	22	Halloysite	0.64	Muscovite	0	83.013	2585.7
NAA6233	NAA6233-023	22	23	Halloysite	0.53	Illite	0	75.403	1171.7
NAA6233	NAA6233-024	23	24	Illite	1	NULL		108.97	1895.5
NAA6234	NAA6234-001	0	1	Halloysite	0.72	Illite	0	147.89	2327.3
NAA6234	NAA6234-002	1	2	Halloysite	0.73	Illite	0	112.82	2396.2
NAA6234	NAA6234-003	2	3	Halloysite	1	NULL		377.82	1617.6
NAA6234	NAA6234-004	3	4	Halloysite	1	NULL		222.83	2560.6
NAA6234	NAA6234-005	4	5	WhiteMarker	1	NULL		928.15	334.4
NAA6234	NAA6234-006	5	6	Halloysite	1	NULL		223.3	2185.6
NAA6234	NAA6234-007	6	7	Halloysite	0.57	Kaolinite	0	110.12	2876.3
NAA6234	NAA6234-008	7	8	Halloysite	1	NULL		193.6	2031.7
NAA6235	NAA6235-001	0	1	Halloysite	1	NULL		822.16	1251.3
NAA6235	NAA6235-002	1	2	Halloysite	1	NULL		356.01	1522.1
NAA6235	NAA6235-003	2	3	Halloysite	1	NULL		665.74	3026.8
NAA6235	NAA6235-004	3	4	Halloysite	1	NULL		175.42	1916
NAA6235	NAA6235-005	4	5	Halloysite	0.72	Illite	0	137.68	1892.4
NAA6235	NAA6235-006	5	6	Halloysite	1	NULL		188.66	2037.1
NAA6235	NAA6235-007	6	7	Halloysite	1	NULL		207.77	1350.9
NAA6235	NAA6235-008	7	8	Halloysite	0.53	Kaolinite	0	105.54	1176
NAA6235	NAA6235-009	8	9	Halloysite	1	NULL		148.53	2342.8

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
NAA6235	NAA6235-010	9	10	Halloysite	0.69	Illite	0	107.32	2307.7
NAA6235	NAA6235-011	10	11	Halloysite	1	NULL		160.7	1996.4
NAA6235	NAA6235-012	11	12	Halloysite	1	NULL		211.02	1905.8
NAA6235	NAA6235-013	12	13	Kaolinite	0.57	Halloysite	0	98.917	1818.7
NAA6235	NAA6235-014	13	14	Kaolinite	0.66	Halloysite	0	67.1	2368.7
NAA6235	NAA6235-015	14	15	Kaolinite	0.7	Halloysite	0	73.761	1942.1
NAA6235	NAA6235-016	15	16	Kaolinite	0.72	Halloysite	0	71.943	2000.1
NAA6235	NAA6235-017	16	17	Kaolinite	0.73	Halloysite	0	71.032	1538.5
NAA6235	NAA6235-018	17	18	Kaolinite	0.6	Halloysite	0	76.067	1686.6
NAA6235	NAA6235-019	18	19	Kaolinite	1	NULL		110.13	2068
NAA6235	NAA6235-020	19	20	Kaolinite	0.68	Halloysite	0	76.447	1719.7
NAA6235	NAA6235-021	20	21	Kaolinite	0.69	Halloysite	0	76.126	1911.4
NAA6235	NAA6235-022	21	22	Halloysite	0.53	Kaolinite	0	112.67	1954.4
NAA6235	NAA6235-023	22	23	Kaolinite	0.54	Halloysite	0	99.085	2117.7
NAA6235	NAA6235-024	23	24	Halloysite	0.58	Illite	0	108.97	1932.8
NAA6236	NAA6236-001	0	1	Halloysite	1	NULL		190.8	2349.3
NAA6236	NAA6236-002	1	2	Halloysite	0.69	Illite	0	122.21	1968.2
NAA6236	NAA6236-003	2	3	Kaolinite	0.66	Muscovite	0	73.794	2320.1
NAA6236	NAA6236-004	3	4	Halloysite	0.66	Illite	0	85.467	2161.5
NAA6236	NAA6236-005	4	5	Halloysite	0.66	Montmorillonite	0	99.127	1931.5
NAA6236	NAA6236-006	5	6	Kaolinite	0.62	Montmorillonite	0	74.92	2103.8
NAA6236	NAA6236-007	6	7	Halloysite	1	NULL		153.06	2507.1
NAA6236	NAA6236-008	7	8	Halloysite	1	NULL		131.25	2187.1
NAA6236	NAA6236-009	8	9	Halloysite	1	NULL		162.57	1564.5
NAA6236	NAA6236-010	9	10	Halloysite	1	NULL		164.31	2286.3
NAA6236	NAA6236-011	10	11	Kaolinite	0.67	Illite	0	97.596	1430.6
NAA6236	NAA6236-012	11	12	Halloysite	1	NULL		209.5	1965.5
NAA6237	NAA6237-001	0	1	Illite	0.61	Halloysite	0	115.03	1340.1
NAA6237	NAA6237-002	1	2	Illite	0.67	Halloysite	0	99.819	1332.4
NAA6237	NAA6237-003	2	3	Illite	0.63	Halloysite	0	115.42	3107.7
NAA6237	NAA6237-004	3	4	Montmorillonite	0.52	Halloysite	0	113.34	1526.3
NAA6237	NAA6237-005	4	5	Halloysite	0.58	Illite	0	87.365	2018.6
NAA6237	NAA6237-006	5	6	Halloysite	0.59	Montmorillonite	0	97.145	1547.3
NAA6237	NAA6237-007	6	7	Montmorillonite	0.62	Halloysite	0	70.219	2116
NAA6237	NAA6237-008	7	8	Kaolinite	0.55	Halloysite	0	118.57	2226.3
NAA6237	NAA6237-009	8	9	Montmorillonite	1	NULL		37.033	1239.1
NAA6237	NAA6237-010	9	10	Montmorillonite	0.61	Halloysite	0	64.076	1400.2
NAA6237	NAA6237-011	10	11	Montmorillonite	0.57	Illite	0	46.492	1749.3
NAA6237	NAA6237-012	11	12	Illite	0.73	Halloysite	0	38.461	2266.5
NAA6237	NAA6237-013	12	13	Illite	0.63	Halloysite	0	48.094	1991.3
NAA6237	NAA6237-014	13	14	Illite	0.69	Halloysite	0	44.952	1830.2
NAA6237	NAA6237-015	14	15	Illite	1	NULL		54.771	1594.3
NAA6237	NAA6237-016	15	16	Illite	0.77	Halloysite	0	59.029	2036.7
NAA6237	NAA6237-017	16	17	Illite	1	NULL		122.35	910.6
NAA6237	NAA6237-018	17	18	Illite	0.65	Halloysite	0	52.542	1999.6
NAA6237	NAA6237-019	18	19	Illite	0.73	Halloysite	0	35.289	2508
NAA6237	NAA6237-020	19	20	Illite	0.65	Halloysite	0	58.072	2257.9
NAA6237	NAA6237-021	20	21	Illite	0.78	Halloysite	0	37.725	1909.9
NAA6237	NAA6237-022	21	22	Illite	0.75	Halloysite	0	38.54	2465.4
NAA6238	NAA6238-001	0	1	Halloysite	1	NULL		433.26	2349.1
NAA6238	NAA6238-002	1	2	Halloysite	0.63	Illite	0	272.49	2546.5
NAA6238	NAA6238-003	2	3	Halloysite	1	NULL		297.45	1967.6
NAA6238	NAA6238-004	3	4	Halloysite	0.66	Illite	0	182.82	2337.4
NAA6238	NAA6238-005	4	5	Halloysite	1	NULL		343.57	1954.8
NAA6238	NAA6238-006	5	6	Halloysite	0.64	Illite	0	226.66	1541.9
NAA6238	NAA6238-007	6	7	Halloysite	0.73	Illite	0	132.25	1745.2
NAA6238	NAA6238-008	7	8	Halloysite	1	NULL		134.82	1817
NAA6238	NAA6238-009	8	9	Halloysite	1	NULL		179.02	2506.1
NAA6238	NAA6238-010	9	10	Halloysite	0.69	Illite	0	160.08	2102.4
NAA6238	NAA6238-011	10	11	Halloysite	1	NULL		205.95	1887.8
NAA6238	NAA6238-012	11	12	Halloysite	1	NULL		183.73	1563.2
NAA6238	NAA6238-013	12	13	Halloysite	1	NULL		204.29	2080.5
NAA6238	NAA6238-014	13	14	Halloysite	0.56	Kaolinite	0	110.48	1930.7
NAA6238	NAA6238-015	14	15	Halloysite	0.62	Kaolinite	0	101.13	1374.6

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
NAA6238	NAA6238-016	15	16	Halloysite	0.6	Phengite	0	118.59	2034
NAA6238	NAA6238-017	16	17	Kaolinite	0.55	Halloysite	0	63.814	1997.3
NAA6238	NAA6238-018	17	18	Kaolinite	0.59	Halloysite	0	64.895	1345.3
NAA6238	NAA6238-019	18	19	Kaolinite	0.56	Halloysite	0	69.349	1467.5
NAA6238	NAA6238-020	19	20	Kaolinite	0.53	Halloysite	0	77.246	1695.6
NAA6238	NAA6238-021	20	21	Halloysite	0.51	Kaolinite	0	105.09	2128.9
NAA6238	NAA6238-022	21	22	Kaolinite	0.54	Halloysite	0	74.582	2154.8
NAA6238	NAA6238-023	22	23	Kaolinite	0.53	Halloysite	0	82.102	1705.2
NAA6238	NAA6238-024	23	24	Illite	0.82	Halloysite	0	44.314	1320.2
NAA6239	NAA6239-001	0	1	Halloysite	0.59	Wood	0	234.59	2222.3
NAA6239	NAA6239-002	1	2	Halloysite	1	NULL		201.72	1578.5
NAA6239	NAA6239-003	2	3	Halloysite	1	NULL		145.93	2215.7
NAA6239	NAA6239-004	3	4	Kaolinite	0.63	Illite	0	94.974	2111.2
NAA6239	NAA6239-005	4	5	Halloysite	1	NULL		173.66	1723.3
NAA6239	NAA6239-006	5	6	Halloysite	0.77	Dickite	0	118.04	1833.6
NAA6239	NAA6239-007	6	7	Halloysite	1	NULL		127.9	1227.4
NAA6239	NAA6239-008	7	8	Halloysite	0.61	Illite	0	233.43	1206.5
NAA6239	NAA6239-009	8	9	Halloysite	0.75	Dickite	0	112.38	1453.6
NAA6239	NAA6239-010	9	10	Halloysite	0.67	Dickite	0	142.53	1070.8
NAA6240	NAA6240-001	0	1	Halloysite	0.65	Illite	0	176.54	2218.2
NAA6240	NAA6240-002	1	2	Montmorillonite	0.56	Halloysite	0	66.223	2123.9
NAA6240	NAA6240-003	2	3	Montmorillonite	0.74	Kaolinite	0	50.578	2258.3
NAA6240	NAA6240-004	3	4	Montmorillonite	0.57	Halloysite	0	204.41	1295.5
NAA6240	NAA6240-005	4	5	Montmorillonite	0.65	Halloysite	0	215.14	737.3
NAA6240	NAA6240-006	5	6	Montmorillonite	0.59	Halloysite	0	74.909	1449.6
NAA6240	NAA6240-007	6	7	Montmorillonite	0.73	Illite	0	61.473	2280
NAA6240	NAA6240-008	7	8	Montmorillonite	0.54	Illite	0	91.951	1646.9
NAA6240	NAA6240-009	8	9	Illite	0.55	Montmorillonite	0	52.135	1511.5
NAA6240	NAA6240-010	9	10	Illite	1	NULL		66.319	1407.6
NAA6240	NAA6240-011	10	11	Illite	1	NULL		109.43	2069
NAA6240	NAA6240-012	11	12	Illite	1	NULL		234.96	1785.2
NAA6240	NAA6240-013	12	13	Illite	1	NULL		50.832	1261.6
NAA6240	NAA6240-014	13	14	Illite	0.69	IntChlorite	0	48.307	1576.9
NAA6240	NAA6240-015	14	15	Illite	1	NULL		57.536	1222.6
NAA6241	NAA6241-001	0	1	Illite	0.63	Halloysite	0	334.54	2206.7
NAA6241	NAA6241-002	1	2	Illite	0.57	Halloysite	0	228.87	2476.7
NAA6241	NAA6241-003	2	3	Illite	0.67	Halloysite	0	151.69	3584.1
NAA6241	NAA6241-004	3	4	Illite	0.68	Kaolinite	0	76.796	1400.4
NAA6241	NAA6241-005	4	5	Halloysite	0.67	Paragonite	0	133.73	2365.1
NAA6242	NAA6242-001	0	1	Halloysite	1	NULL		335.15	2191.6
NAA6242	NAA6242-002	1	2	Halloysite	1	NULL		435.37	2218.3
NAA6242	NAA6242-003	2	3	Kaolinite	0.62	Illite	0	115.54	2230.4
NAA6242	NAA6242-004	3	4	Halloysite	1	NULL		300.46	1781.4
NAA6242	NAA6242-005	4	5	Halloysite	1	NULL		165.98	2832.7
NAA6242	NAA6242-006	5	6	Halloysite	1	NULL		214.74	2536.6
NAA6242	NAA6242-007	6	7	Halloysite	1	NULL		217.42	1972.5
NAA6242	NAA6242-008	7	8	Halloysite	0.7	Dickite	0	168.88	2325.1
NAA6242	NAA6242-009	8	9	Halloysite	0.67	Dickite	0	170.99	3191.6
NAA6242	NAA6242-010	9	10	Halloysite	1	NULL		280.3	2217.4
NAA6242	NAA6242-011	10	11	Halloysite	1	NULL		181.57	2906.2
NAA6242	NAA6242-012	11	12	Halloysite	1	NULL		249.33	2205
NAA6242	NAA6242-013	12	13	Halloysite	0.7	Dickite	0	123.87	2105.6
NAA6242	NAA6242-014	13	14	Halloysite	0.62	Kaolinite	0	95.571	1441.6
NAA6242	NAA6242-015	14	15	Halloysite	0.74	Dickite	0	92.11	2023.7
NAA6242	NAA6242-016	15	16	Halloysite	0.74	Dickite	0	87.762	2490
NAA6242	NAA6242-017	16	17	Halloysite	0.74	Dickite	0	94.615	2303.5
NAA6242	NAA6242-018	17	18	Kaolinite	1	NULL		175.56	3657.3
NAA6242	NAA6242-019	18	19	Halloysite	1	NULL		169.13	2344.3
NAA6243	NAA6243-001	0	1	Halloysite	1	NULL		418.28	1992
NAA6243	NAA6243-002	1	2	Halloysite	1	NULL		372.29	2027.7
NAA6243	NAA6243-003	2	3	Halloysite	1	NULL		279.35	2554.6
NAA6243	NAA6243-004	3	4	Halloysite	1	NULL		344.51	2763.8
NAA6243	NAA6243-005	4	5	Kaolinite	0.58	Illite	0	132.47	2671.3
NAA6243	NAA6243-006	5	6	Illite	0.65	Halloysite	0	90.175	2199.7

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
NAA6243	NAA6243-007	6	7	Kaolinite	0.57	Illite	0	120.77	1438.2
NAA6243	NAA6243-008	7	8	Halloysite	0.53	Illite	0	122.02	2220.6
NAA6243	NAA6243-009	8	9	Illite	0.53	Montmorillonite	0	56.102	2198
NAA6243	NAA6243-010	9	10	Illite	0.76	Halloysite	0	60.178	2107.6
NAA6243	NAA6243-011	10	11	Illite	0.71	Halloysite	0	63.417	1910.1
NAA6243	NAA6243-012	11	12	Illite	0.84	Halloysite	0	36.287	1893.2
NAA6243	NAA6243-013	12	13	Illite	1	NULL		30.59	1840.9
NAA6243	NAA6243-014	13	14	Illite	1	NULL		65.843	2169
NAA6243	NAA6243-015	14	15	Illite	1	NULL		39.675	2576.6
NAA6243	NAA6243-016	15	16	Illite	1	NULL		47.398	2191.2
NAA6243	NAA6243-017	16	17	Illite	1	NULL		87.551	2408.7
NAA6243	NAA6243-018	17	18	Illite	0.62	Muscovite	0	28.25	2125
NAA6243	NAA6243-019	18	19	Illite	1	NULL		34.642	2979.4
NAA6244	NAA6244-001	0	1	Halloysite	0.59	Illite	0	176.64	2393.4
NAA6244	NAA6244-002	1	2	Illite	0.54	Halloysite	0	147.52	2680.6
NAA6244	NAA6244-003	2	3	Illite	0.54	Siderite	0	154.23	2044.1
NAA6244	NAA6244-004	3	4	Illite	0.55	Halloysite	0	42.832	2127.4
NAA6244	NAA6244-005	4	5	Illite	0.51	Halloysite	0	56.186	1954.7
NAA6244	NAA6244-006	5	6	Illite	0.56	Kaolinite	0	44.272	2160.8
NAA6244	NAA6244-007	6	7	Illite	0.75	Kaolinite	0	30.359	2310.2
NAA6244	NAA6244-008	7	8	Illite	0.68	Halloysite	0	81.041	2091.6
NAA6244	NAA6244-009	8	9	Illite	0.8	Kaolinite	0	35.405	1772.6
NAA6244	NAA6244-010	9	10	Illite	0.84	Kaolinite	0	47.582	1750.4
NAA6245	NAA6245-001	0	1	Halloysite	1	NULL		409.6	1928.9
NAA6245	NAA6245-002	1	2	Halloysite	0.67	Illite	0	133.87	1697.5
NAA6245	NAA6245-003	2	3	Montmorillonite	0.68	Halloysite	0	44.158	2084.5
NAA6245	NAA6245-004	3	4	Illite	0.52	Opal	0	101.69	1622.8
NAA6245	NAA6245-005	4	5	Illite	1	NULL		282.15	1189.2
NAA6245	NAA6245-006	5	6	Illite	1	NULL		109.58	1506.4
NAA6245	NAA6245-007	6	7	Illite	0.68	MgChlorite	0	83.721	1582
NAA6245	NAA6245-008	7	8	Montmorillonite	0.61	Kaolinite	0	60.439	1883.7
NAA6245	NAA6245-009	8	9	Montmorillonite	0.52	Kaolinite	0	47.23	1732.7
NAA6245	NAA6245-010	9	10	Illite	0.57	Opal	0	100.75	1664.5
NAA6245	NAA6245-011	10	11	Montmorillonite	0.57	Kaolinite	0	52.333	1784.5
NAA6245	NAA6245-012	11	12	Montmorillonite	0.63	Halloysite	0	163.69	1512
NAA6245	NAA6245-013	12	13	Illite	1	NULL		604.24	908.1
NAA6245	NAA6245-014	13	14	Montmorillonite	0.73	Ankerite	0	83.911	1877.3
NAA6245	NAA6245-015	14	15	Muscovite	0.55	Montmorillonite	0	137.96	2385.7
NAA6245	NAA6245-016	15	16	Illite	0.74	WhiteMarker	0	675.57	731.6
NAA6246	NAA6246-001	0	1	Illite	0.51	Halloysite	0	460.4	2955.3
NAA6246	NAA6246-002	1	2	Halloysite	0.65	Illite	0	75.273	1887.9
NAA6246	NAA6246-003	2	3	Montmorillonite	0.57	Halloysite	0	95.877	1105.4
NAA6246	NAA6246-004	3	4	Montmorillonite	0.68	Halloysite	0	248.78	1534.1
NAA6246	NAA6246-005	4	5	Montmorillonite	0.63	MgChlorite	0	39.162	1443.6
NAA6246	NAA6246-006	5	6	Montmorillonite	0.56	Magnesite	0	67.14	1598.7
NAA6246	NAA6246-007	6	7	Montmorillonite	0.56	MgChlorite	0	25.023	2344
NAA6246	NAA6246-008	7	8	Illite	0.55	Opal	0	129.37	1437.8
NAA6246	NAA6246-009	8	9	Montmorillonite	0.73	MgChlorite	0	31.074	1528.2
NAA6246	NAA6246-010	9	10	Montmorillonite	0.61	MgChlorite	0	38.745	1516.4
NAA6246	NAA6246-011	10	11	Montmorillonite	0.5	Kaolinite	1	43.266	2228.7
NAA6246	NAA6246-012	11	12	Kaolinite	0.54	Montmorillonite	0	43.978	1528.9
NAA6246	NAA6246-013	12	13	Halloysite	0.59	Montmorillonite	0	87.828	1939.6
NAA6246	NAA6246-014	13	14	Montmorillonite	0.75	Kaolinite	0	50.006	1579.6
NAA6246	NAA6246-015	14	15	Montmorillonite	0.75	Kaolinite	0	54.345	2039.4
NAA6246	NAA6246-016	15	16	Montmorillonite	0.65	Halloysite	0	91.726	1342.6
NAA6246	NAA6246-017	16	17	Montmorillonite	0.66	Kaolinite	0	76.727	1262.2
NAA6246	NAA6246-018	17	18	Montmorillonite	0.66	Kaolinite	0	71.272	1820.1
NAA6246	NAA6246-019	18	19	Montmorillonite	0.74	MgChlorite	0	49.664	1803.3
NAA6246	NAA6246-020	19	20	Montmorillonite	0.59	Kaolinite	0	69.159	1222.7
NAA6246	NAA6246-021	20	21	Montmorillonite	0.79	WhiteMarker	0	255.35	995.9
NAA6246	NAA6246-022	21	22	Montmorillonite	0.58	Halloysite	0	145.92	2248.9
NAA6246	NAA6246-023	22	23	Halloysite	1	NULL		206.63	1336.6
NAA6246	NAA6246-024	23	24	Halloysite	0.52	Montmorillonite	0	168.42	2424.2
NAA6246	NAA6246-025	24	25	Halloysite	0.54	Montmorillonite	0	179.77	2164.3

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
NAA6246	NAA6246-026	25	26	Kaolinite	0.59	Montmorillonite	0	167.54	2542.9
NAA6246	NAA6246-027	26	27	Kaolinite	0.65	Opal	0	86.316	2074.9
NAA6247	NAA6247-001	0	1	Halloysite	0.66	Montmorillonite	0	65.827	1401.9
NAA6247	NAA6247-002	1	2	Halloysite	1	NULL		149.67	1220.2
NAA6247	NAA6247-003	2	3	Montmorillonite	0.64	Kaolinite	0	34.363	1715
NAA6247	NAA6247-004	3	4	Montmorillonite	0.63	Halloysite	0	39.799	1355
NAA6247	NAA6247-005	4	5	Montmorillonite	0.73	Kaolinite	0	40.398	1441.3
NAA6247	NAA6247-006	5	6	Montmorillonite	0.76	Halloysite	0	130.34	1042.1
NAA6247	NAA6247-007	6	7	Montmorillonite	0.73	Kaolinite	0	57.751	1405.3
NAA6247	NAA6247-008	7	8	Montmorillonite	0.66	Halloysite	0	82.334	1688.8
NAA6247	NAA6247-009	8	9	Montmorillonite	0.66	Kaolinite	0	56.622	1540.5
NAA6247	NAA6247-010	9	10	Montmorillonite	0.63	Halloysite	0	71.251	1329.6
NAA6247	NAA6247-011	10	11	Montmorillonite	0.66	Halloysite	0	79.395	1333.5
NAA6247	NAA6247-012	11	12	Montmorillonite	0.62	Kaolinite	0	110.1	1850.8
NAA6247	NAA6247-013	12	13	Montmorillonite	0.68	Halloysite	0	105.31	1938.7
NAA6247	NAA6247-014	13	14	Montmorillonite	0.65	Kaolinite	0	47.828	2073.9
NAA6247	NAA6247-015	14	15	Montmorillonite	0.61	Halloysite	0	188.7	1477.9
NAA6247	NAA6247-016	15	16	WhiteMarker	1	NULL		410.67	295.1
NAA6247	NAA6247-017	16	17	Montmorillonite	0.6	Halloysite	0	115.92	1210.5
NAA6247	NAA6247-018	17	18	Montmorillonite	0.52	Kaolinite	0	53.496	1825.2
NAA6247	NAA6247-019	18	19	Kaolinite	0.51	Montmorillonite	0	74.836	2379.2
NAA6247	NAA6247-020	19	20	MgChlorite	0.56	Halloysite	0	177.06	1582.1
NAA6247	NAA6247-021	20	21	Halloysite	1	NULL		192.84	2019.5
NAA6247	NAA6247-022	21	22	Opal	0.5	Kaolinite	1	96.881	2315.1
NAA6247	NAA6247-023	22	23	Halloysite	0.55	Opal	0	151.08	1922.5
NAA6247	NAA6247-024	23	24	Halloysite	0.56	Opal	0	167.25	2316.4
NAA6247	NAA6247-025	24	25	Brucite	0.63	WhiteMarker	0	2314.09	775.4
NAA6248	NAA6248-001	0	1	YellowMarker	1	NULL		1339.25	1096.9
NAA6248	NAA6248-002	1	2	Kaolinite	0.5	Montmorillonite	1	36.296	1631.3
NAA6248	NAA6248-003	2	3	Kaolinite	0.51	Montmorillonite	0	93.256	1015.7
NAA6248	NAA6248-004	3	4	Montmorillonite	0.5	Kaolinite	1	63.062	1680.9
NAA6248	NAA6248-005	4	5	Montmorillonite	0.64	Kaolinite	0	81.01	1758.6
NAA6248	NAA6248-006	5	6	Montmorillonite	0.69	Nontronite	0	60.696	1561.5
NAA6248	NAA6248-007	6	7	Montmorillonite	0.79	Nontronite	0	63.719	1541.8
NAA6248	NAA6248-008	7	8	Montmorillonite	0.71	Nontronite	0	45.582	1921
NAA6248	NAA6248-009	8	9	Montmorillonite	0.73	Nontronite	0	92.28	1687.1
NAA6249	NAA6249-001	0	1	Halloysite	0.54	Illite	0	303.56	2094.9
NAA6249	NAA6249-002	1	2	Halloysite	0.54	Illite	0	169.44	1648.1
NAA6249	NAA6249-003	2	3	Halloysite	0.57	Illite	0	220.36	1384
NAA6249	NAA6249-004	3	4	Montmorillonite	0.58	Halloysite	0	330.76	1679
NAA6249	NAA6249-005	4	5	Montmorillonite	0.78	Illite	0	61.262	2232.1
NAA6249	NAA6249-006	5	6	Montmorillonite	0.63	Halloysite	0	100.07	1846.3
NAA6249	NAA6249-007	6	7	Illite	0.56	Montmorillonite	0	40.015	2387.1
NAA6249	NAA6249-008	7	8	Montmorillonite	1	NULL		58.124	1862.6
NAA6249	NAA6249-009	8	9	Montmorillonite	0.7	Kaolinite	0	93.995	1604.7
NAA6249	NAA6249-010	9	10	Montmorillonite	0.53	Kaolinite	0	81.066	2180.1
NAA6249	NAA6249-011	10	11	Montmorillonite	0.75	Kaolinite	0	116.58	1857.3
NAA6249	NAA6249-012	11	12	Kaolinite	0.52	Montmorillonite	0	45.603	1450.7
NAA6249	NAA6249-013	12	13	Montmorillonite	0.72	MgChlorite	0	55.158	2103
NAA6249	NAA6249-014	13	14	Montmorillonite	1	NULL		82.738	1362.3
NAA6249	NAA6249-015	14	15	Montmorillonite	0.63	Siderite	0	97.131	2071.9
NAA6249	NAA6249-016	15	16	IntChlorite	0.59	Montmorillonite	0	102.95	1635.6
NAA6249	NAA6249-017	16	17	Illite	1	NULL		161.61	1264
NAA6250	NAA6250-001	0	1	Illite	0.61	Halloysite	0	288.15	2142.4
NAA6250	NAA6250-002	1	2	Montmorillonite	0.5	Halloysite	1	132.38	1121.5
NAA6250	NAA6250-003	2	3	Montmorillonite	1	NULL		145.81	1546.9
NAA6250	NAA6250-004	3	4	Montmorillonite	0.84	Halloysite	0	42.034	1727.3
NAA6250	NAA6250-005	4	5	Montmorillonite	0.8	Kaolinite	0	93.09	1568.2
NAA6250	NAA6250-006	5	6	Montmorillonite	0.81	Halloysite	0	86.317	1780.6
NAA6250	NAA6250-007	6	7	Montmorillonite	0.8	Kaolinite	0	90.922	1775.3
NAA6250	NAA6250-008	7	8	Montmorillonite	0.74	Nontronite	0	65.958	1491.4
NAA6250	NAA6250-009	8	9	Montmorillonite	1	NULL		69.066	1313.9
NAA6250	NAA6250-010	9	10	Montmorillonite	0.75	Nontronite	0	35.405	1495.9
NAA6250	NAA6250-011	10	11	Montmorillonite	0.74	Nontronite	0	44.27	1720.1

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
NAA6250	NAA6250-012	11	12	Montmorillonite	0.78	Nontronite	0	64.148	1469.8
NAA6250	NAA6250-013	12	13	Montmorillonite	0.73	Nontronite	0	76.872	1163.8
NAA6250	NAA6250-014	13	14	Montmorillonite	1	NULL		106.24	1212.3
NAA6250	NAA6250-015	14	15	Montmorillonite	0.8	WhiteMarker	0	619.01	901.6
NAA6251	NAA6251-001	0	1	Halloysite	0.62	Illite	0	175.19	1868.3
NAA6251	NAA6251-002	1	2	Halloysite	0.66	Illite	0	140.73	1638.4
NAA6251	NAA6251-003	2	3	Montmorillonite	1	NULL		155.41	1222.5
NAA6251	NAA6251-004	3	4	Montmorillonite	0.77	Dolomite	0	73.834	1239.7
NAA6251	NAA6251-005	4	5	Montmorillonite	0.54	Kaolinite	0	38.188	1192.8
NAA6251	NAA6251-006	5	6	Montmorillonite	0.55	Kaolinite	0	31.771	1672.9
NAA6251	NAA6251-007	6	7	Montmorillonite	0.78	Kaolinite	0	64.299	1234.9
NAA6251	NAA6251-008	7	8	Montmorillonite	0.82	Kaolinite	0	77.174	1075.4
NAA6251	NAA6251-009	8	9	Montmorillonite	0.75	Nontronite	0	67.992	1574
NAA6251	NAA6251-010	9	10	Montmorillonite	0.74	Nontronite	0	56.524	1512
NAA6251	NAA6251-011	10	11	Montmorillonite	0.77	Nontronite	0	102.31	1539.8
NAA6251	NAA6251-012	11	12	Montmorillonite	0.74	Nontronite	0	54.433	1278
NAA6251	NAA6251-013	12	13	Montmorillonite	0.56	Kaolinite	0	169.83	1914.8
NAA6251	NAA6251-014	13	14	Montmorillonite	1	NULL		108.53	2346.6
NAA6251	NAA6251-015	14	15	Montmorillonite	1	NULL		221.57	1442.6
NAA6252	NAA6252-001	0	1	Halloysite	0.57	YellowMarker	0	668.84	789.7
NAA6252	NAA6252-002	1	2	Halloysite	1	NULL		319.21	1312.1
NAA6252	NAA6252-003	2	3	Halloysite	1	NULL		344.47	2002.2
NAA6252	NAA6252-004	3	4	Halloysite	1	NULL		196.79	1373
NAA6252	NAA6252-005	4	5	Kaolinite	0.52	Halloysite	0	120.98	1750
NAA6252	NAA6252-006	5	6	Halloysite	0.54	Montmorillonite	0	59.589	1574.6
NAA6252	NAA6252-007	6	7	Halloysite	0.51	Montmorillonite	0	117.82	1881.6
NAA6252	NAA6252-008	7	8	Montmorillonite	0.5	Halloysite	1	109.16	1644.1
NAA6252	NAA6252-009	8	9	Illite	0.59	Halloysite	0	197.71	1555.6
NAA6252	NAA6252-010	9	10	Illite	0.64	Halloysite	0	183.65	1545.1
NAA6252	NAA6252-011	10	11	Illite	0.62	Halloysite	0	177.66	1385.8
NAA6252	NAA6252-012	11	12	Halloysite	0.62	Montmorillonite	0	102.79	1642.6
NAA6252	NAA6252-013	12	13	Halloysite	0.65	Montmorillonite	0	65.718	1562.2
NAA6252	NAA6252-014	13	14	Halloysite	0.56	Montmorillonite	0	94.766	1905.4
NAA6252	NAA6252-015	14	15	Kaolinite	0.54	Montmorillonite	0	123.95	1095.9
NAA6252	NAA6252-016	15	16	Illite	1	NULL		171.39	1169.7
NAA6252	NAA6252-017	16	17	Illite	1	NULL		153.03	2440.3
NAA6252	NAA6252-018	17	18	Halloysite	1	NULL		1601.97	793.9
NAA6252	NAA6252-019	18	19	Halloysite	0.5	Montmorillonite	1	68.972	2008.1
NAA6252	NAA6252-020	19	20	Illite	0.59	Halloysite	0	217.51	950.5
NAA6252	NAA6252-021	20	21	Montmorillonite	0.53	Halloysite	0	126.36	1803.2
NAA6252	NAA6252-022	21	22	Illite	0.74	WhiteMarker	0	401.33	601.5
NAA6253	NAA6253-001	0	1	Halloysite	0.69	Illite	0	91.863	1768.9
NAA6253	NAA6253-002	1	2	Halloysite	0.71	Montmorillonite	0	100.19	1736.1
NAA6253	NAA6253-003	2	3	Montmorillonite	1	NULL		62.141	2246.1
NAA6253	NAA6253-004	3	4	Montmorillonite	0.82	Kaolinite	0	75.117	1599.5
NAA6253	NAA6253-005	4	5	Montmorillonite	0.78	Halloysite	0	70.706	1744.6
NAA6253	NAA6253-006	5	6	Montmorillonite	0.79	Halloysite	0	73.426	1614.6
NAA6253	NAA6253-007	6	7	Illite	0.52	Montmorillonite	0	73.292	1971.7
NAA6253	NAA6253-008	7	8	Illite	0.69	Halloysite	0	171.22	1443.7
NAA6253	NAA6253-009	8	9	Illite	0.79	Halloysite	0	88.234	1861.2
NAA6253	NAA6253-010	9	10	Illite	0.69	Montmorillonite	0	80.026	1418
NAA6253	NAA6253-011	10	11	Illite	0.66	Montmorillonite	0	102.83	2180.2
NAA6253	NAA6253-012	11	12	Montmorillonite	0.68	Halloysite	0	66.454	2096.8
NAA6253	NAA6253-013	12	13	Halloysite	0.51	Montmorillonite	0	94.325	2030.9
NAA6253	NAA6253-014	13	14	Montmorillonite	0.55	Halloysite	0	67.844	1894.7
NAA6253	NAA6253-015	14	15	Montmorillonite	0.6	Halloysite	0	53.486	2399.9
NAA6253	NAA6253-016	15	16	Montmorillonite	0.55	MgChlorite	0	45.756	1911.5
NAA6253	NAA6253-017	16	17	MgChlorite	0.55	Montmorillonite	0	37.497	2356.7
NAA6254	NAA6254-001	0	1	Halloysite	1	NULL		248.44	2685.7
NAA6254	NAA6254-002	1	2	Halloysite	1	NULL		342.98	2061.7
NAA6254	NAA6254-003	2	3	Kaolinite	0.65	Montmorillonite	0	75.356	1664
NAA6254	NAA6254-004	3	4	Kaolinite	0.72	Montmorillonite	0	106.2	1809.2
NAA6254	NAA6254-005	4	5	Kaolinite	0.58	Montmorillonite	0	67.017	1954.1
NAA6254	NAA6254-006	5	6	Kaolinite	0.63	Montmorillonite	0	64.531	1729.1

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
NAA6254	NAA6254-007	6	7	Halloysite	0.67	Montmorillonite	0	60.339	1951.4
NAA6254	NAA6254-008	7	8	Halloysite	1	NULL		241.32	1710.4
NAA6254	NAA6254-009	8	9	Halloysite	0.51	Kaolinite	0	100.56	2423
NAA6254	NAA6254-010	9	10	Halloysite	0.64	Kaolinite	0	100.59	1809.5
NAA6254	NAA6254-011	10	11	Halloysite	1	NULL		122.44	1704.4
NAA6254	NAA6254-012	11	12	Halloysite	0.74	Phengite	0	89.875	1647.1
NAA6254	NAA6254-013	12	13	Halloysite	0.59	Muscovite	0	160.34	1901
NAA6254	NAA6254-014	13	14	Illite	0.59	Halloysite	0	386.22	2001.1
NAA6254	NAA6254-015	14	15	IntChlorite	0.6	Illite	0	115.09	1724.4
NAA6254	NAA6254-016	15	16	IntChlorite	0.63	Halloysite	0	122.88	2548.8
NAA6254	NAA6254-017	16	17	IntChlorite	0.66	Muscovite	0	62.166	2705.3
NAA6254	NAA6254-018	17	18	IntChlorite	0.65	Montmorillonite	0	56.857	2415.6
NAA6254	NAA6254-019	18	19	IntChlorite	0.71	Halloysite	0	74.654	2977.7
NAA6254	NAA6254-020	19	20	IntChlorite	0.81	Halloysite	0	46.286	2378.1
NAA6255	NAA6255-001	0	1	Halloysite	1	NULL		159.16	2710.2
NAA6255	NAA6255-002	1	2	Halloysite	1	NULL		241.54	1276.1
NAA6255	NAA6255-003	2	3	Halloysite	0.64	Phengite	0	194.58	1620.2
NAA6255	NAA6255-004	3	4	Halloysite	0.53	Kaolinite	0	54.352	1870.6
NAA6255	NAA6255-005	4	5	Halloysite	0.58	Kaolinite	0	67.381	1282.6
NAA6255	NAA6255-006	5	6	Kaolinite	0.52	Halloysite	0	74.391	1606.3
NAA6255	NAA6255-007	6	7	Kaolinite	0.56	Halloysite	0	99.818	1901.1
NAA6255	NAA6255-008	7	8	Kaolinite	0.6	Halloysite	0	90.616	2216.6
NAA6255	NAA6255-009	8	9	Kaolinite	0.55	Halloysite	0	109.32	1951.2
NAA6255	NAA6255-010	9	10	Halloysite	1	NULL		128.19	1695.7
NAA6255	NAA6255-011	10	11	Kaolinite	0.69	Montmorillonite	0	95.264	1650.5
NAA6255	NAA6255-012	11	12	Montmorillonite	0.56	Kaolinite	0	109.36	1487.9
NAA6255	NAA6255-013	12	13	Montmorillonite	0.55	Kaolinite	0	82.47	2719.8
NAA6255	NAA6255-014	13	14	Kaolinite	0.61	Montmorillonite	0	93.595	2499.9
NAA6255	NAA6255-015	14	15	Halloysite	1	NULL		234.51	2308.7
NAA6256	NAA6256-001	0	1	Halloysite	1	NULL		737.37	1309.3
NAA6256	NAA6256-002	1	2	Illite	0.52	Halloysite	0	158.38	1721.3
NAA6256	NAA6256-003	2	3	Illite	0.71	Kaolinite	0	125.78	1214
NAA6256	NAA6256-004	3	4	Illite	0.82	Halloysite	0	26.461	2054
NAA6256	NAA6256-005	4	5	Illite	0.85	Halloysite	0	23.499	2275.2
NAA6256	NAA6256-006	5	6	Illite	0.8	Halloysite	0	46.326	1914
NAA6256	NAA6256-007	6	7	Illite	1	NULL		27.482	1943.8
NAA6256	NAA6256-008	7	8	Illite	1	NULL		31.979	2365.3
NAA6256	NAA6256-009	8	9	Illite	1	NULL		45.737	1316.5
NAA6256	NAA6256-010	9	10	Illite	1	NULL		41.744	1370.8
NAA6256	NAA6256-011	10	11	Illite	1	NULL		62.425	1493.6
NAA6256	NAA6256-012	11	12	Illite	0.63	MgChlorite	0	134.06	1676.3
NAA6257	NAA6257-001	0	1	Illite	0.57	Kaolinite	0	144.82	2782.2
NAA6257	NAA6257-002	1	2	Halloysite	0.71	Dickite	0	178.48	1813.8
NAA6257	NAA6257-003	2	3	Halloysite	1	NULL		258.56	1331.2
NAA6257	NAA6257-004	3	4	Illite	0.52	Halloysite	0	81.486	1981.9
NAA6257	NAA6257-005	4	5	Illite	0.77	Halloysite	0	80.581	1910.6
NAA6257	NAA6257-006	5	6	Illite	0.69	Halloysite	0	61.211	1969.9
NAA6257	NAA6257-007	6	7	Illite	0.71	Halloysite	0	60.862	2105.9
NAA6257	NAA6257-008	7	8	Halloysite	0.71	Illite	0	101.26	1600.3
NAA6257	NAA6257-009	8	9	Illite	1	NULL		56.628	1796.3
NAA6257	NAA6257-010	9	10	Illite	0.79	Halloysite	0	46.289	1675.6
NAA6257	NAA6257-011	10	11	Illite	1	NULL		132.96	1762.4
NAA6257	NAA6257-012	11	12	Illite	1	NULL		95.921	1796.3
NAA6257	NAA6257-013	12	13	Illite	1	NULL		398.53	758.4
NAA6258	NAA6258-001	0	1	Illite	0.7	Halloysite	0	167.17	3486.1
NAA6258	NAA6258-002	1	2	Illite	0.61	Halloysite	0	132.31	2084.8
NAA6258	NAA6258-003	2	3	Illite	0.67	Halloysite	0	55.934	1517.4
NAA6258	NAA6258-004	3	4	Montmorillonite	0.56	Illite	0	91.546	1838.6
NAA6258	NAA6258-005	4	5	Illite	0.74	Halloysite	0	99.133	1502.9
NAA6258	NAA6258-006	5	6	Illite	0.51	Halloysite	0	55.842	2050.1
NAA6258	NAA6258-007	6	7	Illite	1	NULL		448.17	1486.2
NAA6258	NAA6258-008	7	8	Illite	1	NULL		72.22	2087.1
NAA6258	NAA6258-009	8	9	Illite	1	NULL		141.84	1551.4
NAA6258	NAA6258-010	9	10	Illite	1	NULL		154.02	1705.3

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
NAA6258	NAA6258-011	10	11	Illite	1	NULL		254.58	1677.8
NAA6258	NAA6258-012	11	12	Illite	1	NULL		139.32	2167.9
NAA6258	NAA6258-013	12	13	Illite	1	NULL		118.34	2298.6
NAA6258	NAA6258-014	13	14	Illite	1	NULL		145.9	1553.2
NAA6258	NAA6258-015	14	15	Illite	1	NULL		117.52	1625.3
NAA6259	NAA6259-001	0	1	Illite	0.56	Halloysite	0	435.47	1249.5
NAA6259	NAA6259-002	1	2	Halloysite	0.58	Illite	0	193	1117.3
NAA6259	NAA6259-003	2	3	Montmorillonite	1	NULL		129.99	967.3
NAA6259	NAA6259-004	3	4	Montmorillonite	0.69	IntChlorite	0	36.789	1867.5
NAA6259	NAA6259-005	4	5	Montmorillonite	0.6	MgChlorite	0	56.831	1235.7
NAA6260	NAA6260-001	0	1	Illite	0.64	Kaolinite	0	173.12	2549.7
NAA6260	NAA6260-002	1	2	Illite	0.68	Kaolinite	0	119.47	1536.7
NAA6260	NAA6260-003	2	3	Illite	0.71	Halloysite	0	106.9	1389.6
NAA6260	NAA6260-004	3	4	Illite	1	NULL		197.58	882.1
NAA6260	NAA6260-005	4	5	Illite	1	NULL		151.13	2311.7
NAA6260	NAA6260-006	5	6	Illite	1	NULL		153.75	999.3
NAA6261	NAA6261-001	0	1	Siderite	0.55	Illite	0	152.7	2138
NAA6261	NAA6261-002	1	2	Illite	0.62	Halloysite	0	41.384	1953.3
NAA6261	NAA6261-003	2	3	Illite	0.59	Opal	0	39.927	1990.1
NAA6261	NAA6261-004	3	4	Illite	0.7	Montmorillonite	0	26.966	1887.2
NAA6261	NAA6261-005	4	5	Illite	1	NULL		34.121	1833.2
NAA6261	NAA6261-006	5	6	Illite	1	NULL		64.202	1386.8
NAA6261	NAA6261-007	6	7	Illite	0.73	Paragonite	0	38.087	1961.5
NAA6261	NAA6261-008	7	8	Illite	1	NULL		416.76	1408.5
NAA6261	NAA6261-009	8	9	Illite	1	NULL		48.024	1676.5
NAA6261	NAA6261-010	9	10	Illite	1	NULL		64.401	1628.7
NAA6261	NAA6261-011	10	11	Illite	1	NULL		82.938	1404.3
NAA6262	NAA6262-001	0	1	Illite	0.59	Halloysite	0	149.55	1684
NAA6262	NAA6262-002	1	2	Illite	0.74	Halloysite	0	47.208	1208
NAA6262	NAA6262-003	2	3	Illite	0.74	Halloysite	0	57.378	1134.1
NAA6262	NAA6262-004	3	4	Halloysite	0.53	Illite	0	72.046	1571.8
NAA6262	NAA6262-005	4	5	Illite	1	NULL		64.842	1731.7
NAA6262	NAA6262-006	5	6	Illite	1	NULL		59.722	1795
NAA6262	NAA6262-007	6	7	Illite	1	NULL		119.83	1194.2
NAA6262	NAA6262-008	7	8	Illite	1	NULL		41.234	1228.2
NAA6262	NAA6262-009	8	9	Illite	1	NULL		50.326	1846.8
NAA6263	NAA6263-001	0	1	Illite	0.69	Halloysite	0	144.58	1405.1
NAA6263	NAA6263-002	1	2	Illite	0.77	Halloysite	0	75.926	1922.8
NAA6263	NAA6263-003	2	3	Illite	1	NULL		69.79	1522.9
NAA6263	NAA6263-004	3	4	Illite	0.64	Halloysite	0	37.985	2155.6
NAA6263	NAA6263-005	4	5	Illite	0.56	Halloysite	0	40.419	2057.7
NAA6263	NAA6263-006	5	6	Illite	0.74	Halloysite	0	48.958	1537.7
NAA6263	NAA6263-007	6	7	Illite	0.56	Halloysite	0	53.153	2435.3
NAA6263	NAA6263-008	7	8	Paragonite	0.53	Muscovite	0	53.298	1834.2
NAA6263	NAA6263-009	8	9	Illite	0.82	Halloysite	0	51.45	1301.8
NAA6263	NAA6263-010	9	10	Illite	1	NULL		76.446	1402.7
NAA6264	NAA6264-001	0	1	Illite	1	NULL		881.78	2740.7
NAA6264	NAA6264-002	1	2	Montmorillonite	0.81	Paragonite	0	65.253	1851.5
NAA6264	NAA6264-003	2	3	Illite	0.59	Nonttronite	0	102.61	2046.4
NAA6264	NAA6264-004	3	4	Opal	0.56	Illite	0	47.265	1231
NAA6264	NAA6264-005	4	5	Illite	1	NULL		164.68	1821.7
NAA6264	NAA6264-006	5	6	Illite	1	NULL		46.383	1718.7
NAA6264	NAA6264-007	6	7	Illite	1	NULL		155.39	1266
NAA6264	NAA6264-008	7	8	Illite	1	NULL		118.61	1529.3
NAA6265	NAA6265-001	0	1	Illite	0.79	Halloysite	0	128.15	3562.3
NAA6265	NAA6265-002	1	2	Halloysite	1	NULL		602.03	2900.7
NAA6265	NAA6265-003	2	3	Illite	0.7	Kaolinite	0	58.041	1844.8
NAA6265	NAA6265-004	3	4	Illite	0.79	Kaolinite	0	39.213	2376.5
NAA6265	NAA6265-005	4	5	Illite	0.84	Halloysite	0	47.235	2179.8
NAA6265	NAA6265-006	5	6	Illite	1	NULL		55.86	1770.7
NAA6265	NAA6265-007	6	7	Illite	0.81	Halloysite	0	92.638	2096.8
NAA6265	NAA6265-008	7	8	Illite	0.85	Halloysite	0	57.473	1991.3
NAA6265	NAA6265-009	8	9	Illite	1	NULL		48.615	1822.5
NAA6265	NAA6265-010	9	10	Illite	0.74	Halloysite	0	134.59	1887

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
NAA6265	NAA6265-011	10	11	Illite	0.72	Halloysite	0	39.996	1622.3
NAA6265	NAA6265-012	11	12	FeChlorite	0.53	Illite	0	43.275	1483.4
NAA6266	NAA6266-001	0	1	Halloysite	1	NULL		385.17	1597.2
NAA6266	NAA6266-002	1	2	Halloysite	1	NULL		250.23	2147.9
NAA6266	NAA6266-003	2	3	Halloysite	0.55	Kaolinite	0	84.013	1908
NAA6266	NAA6266-004	3	4	Halloysite	1	NULL		447.19	2190.2
NAA6266	NAA6266-005	4	5	Halloysite	1	NULL		264.62	2705.1
NAA6266	NAA6266-006	5	6	Muscovite	0.56	Halloysite	0	53.847	1433.2
NAA6266	NAA6266-007	6	7	Muscovite	0.68	Halloysite	0	195.77	1363.8
NAA6266	NAA6266-008	7	8	Illite	0.76	Halloysite	0	145.56	1770.9
NAA6266	NAA6266-009	8	9	Illite	0.59	Halloysite	0	69.264	1968.2
NAA6266	NAA6266-010	9	10	Illite	0.57	Halloysite	0	57.785	2258.1
NAA6266	NAA6266-011	10	11	Illite	0.74	Halloysite	0	41.6	2301.9
NAA6266	NAA6266-012	11	12	Halloysite	0.57	Kaolinite	0	71.789	2363.7
NAA6266	NAA6266-013	12	13	Halloysite	0.52	Kaolinite	0	69.817	2248.8
NAA6266	NAA6266-014	13	14	Illite	0.67	Halloysite	0	55.585	2409.3
NAA6266	NAA6266-015	14	15	Muscovite	0.71	Halloysite	0	53.139	2680.2
NAA6266	NAA6266-016	15	16	Illite	0.75	Halloysite	0	53.927	3263.5
NAA6266	NAA6266-017	16	17	Muscovite	0.57	Halloysite	0	45.964	2683.1
NAA6266	NAA6266-018	17	18	Kaolinite	0.5	Muscovite	1	42.735	2501.6
NAA6266	NAA6266-019	18	19	Muscovite	0.56	Halloysite	0	58.65	2907.7
NAA6266	NAA6266-020	19	20	Illite	0.57	Halloysite	0	55.065	2114
NAA6266	NAA6266-021	20	21	Kaolinite	0.69	Illite	0	57.616	2620.7
NAA6266	NAA6266-022	21	22	Kaolinite	0.64	Illite	0	59.888	2661.6
NAA6266	NAA6266-023	22	23	Muscovite	0.58	Halloysite	0	104.43	1392.4
NAA6266	NAA6266-024	23	24	Illite	0.68	Halloysite	0	104.68	3476.8
NAA6266	NAA6266-025	24	25	Muscovite	0.62	Halloysite	0	128.56	1637.8
NAA6266	NAA6266-026	25	26	Halloysite	0.52	Illite	0	116.03	2622
NAA6266	NAA6266-027	26	27	Illite	0.6	Halloysite	0	291.79	1743.7
NAA6266	NAA6266-028	27	28	Illite	1	NULL		126.29	2230.5
NAA6267	NAA6267-001	0	1	Halloysite	0.66	Dickite	0	215.55	2558.4
NAA6267	NAA6267-002	1	2	Halloysite	0.61	Dickite	0	167.8	2472.6
NAA6267	NAA6267-003	2	3	Halloysite	0.68	Dickite	0	183.11	2818.3
NAA6267	NAA6267-004	3	4	Halloysite	0.67	Dickite	0	135.61	2095.3
NAA6267	NAA6267-005	4	5	Halloysite	0.68	Dickite	0	117.15	2589.9
NAA6267	NAA6267-006	5	6	Halloysite	0.7	Dickite	0	108.81	2570.6
NAA6267	NAA6267-007	6	7	Halloysite	0.53	Montmorillonite	0	51.164	1154.3
NAA6267	NAA6267-008	7	8	Montmorillonite	0.68	Illite	0	50.459	2103.1
NAA6267	NAA6267-009	8	9	Montmorillonite	0.54	Illite	0	60.135	2215.4
NAA6267	NAA6267-010	9	10	Montmorillonite	0.5	Illite	1	78.898	1752.8
NAA6267	NAA6267-011	10	11	Illite	0.73	MgChlorite	0	62.693	1984.8
NAA6267	NAA6267-012	11	12	Illite	0.62	Montmorillonite	0	94.994	2555.6
NAA6268	NAA6268-001	0	1	Halloysite	1	NULL		513.89	2323.9
NAA6268	NAA6268-002	1	2	Montmorillonite	0.68	Kaolinite	0	130.2	1025.5
NAA6268	NAA6268-003	2	3	Montmorillonite	0.67	Kaolinite	0	140.1	1245.3
NAA6268	NAA6268-004	3	4	Montmorillonite	0.8	Kaolinite	0	78.96	1350.9
NAA6268	NAA6268-005	4	5	Montmorillonite	0.83	Kaolinite	0	62.571	1426.3
NAA6268	NAA6268-006	5	6	Montmorillonite	0.81	Nontronite	0	69.495	1409.7
NAA6268	NAA6268-007	6	7	Montmorillonite	0.79	Kaolinite	0	73.209	1351
NAA6268	NAA6268-008	7	8	Montmorillonite	0.74	Nontronite	0	75.792	1596.7
NAA6268	NAA6268-009	8	9	Montmorillonite	0.71	Nontronite	0	87.803	1323.7
NAA6268	NAA6268-010	9	10	Montmorillonite	0.69	Nontronite	0	98.195	1194.9
NAA6268	NAA6268-011	10	11	Montmorillonite	0.73	Nontronite	0	84.409	1416.8
NAA6268	NAA6268-012	11	12	Montmorillonite	0.74	Kaolinite	0	77.527	1461
NAA6268	NAA6268-013	12	13	Montmorillonite	0.75	Nontronite	0	55.539	1535.4
NAA6268	NAA6268-014	13	14	Montmorillonite	0.68	Nontronite	0	49.54	1403
NAA6268	NAA6268-015	14	15	Montmorillonite	0.75	Nontronite	0	65.909	1558.4
NAA6268	NAA6268-016	15	16	Halloysite	0.53	WhiteMarker	0	1915.86	479.8
NAA6269	NAA6269-001	0	1	Halloysite	0.52	Illite	0	127.06	3061.8
NAA6269	NAA6269-002	1	2	Halloysite	0.55	Illite	0	120.99	1968.3
NAA6269	NAA6269-003	2	3	Halloysite	1	NULL		115.67	2472.2
NAA6269	NAA6269-004	3	4	Montmorillonite	0.56	Kaolinite	0	46.508	2055.7
NAA6269	NAA6269-005	4	5	Kaolinite	0.59	Montmorillonite	0	59.951	1632
NAA6269	NAA6269-006	5	6	Kaolinite	0.67	Montmorillonite	0	47.662	2376.1

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
NAA6269	NAA6269-007	6	7	Halloysite	0.57	Kaolinite	0	118.79	1697.3
NAA6269	NAA6269-008	7	8	Halloysite	0.5	Kaolinite	1	91.476	2453.9
NAA6269	NAA6269-009	8	9	Halloysite	0.53	Kaolinite	0	85.265	1582.1
NAA6269	NAA6269-010	9	10	Kaolinite	0.51	Halloysite	1	100.58	3078.1
NAA6269	NAA6269-011	10	11	Montmorillonite	0.54	Kaolinite	0	56.964	1207.2
NAA6269	NAA6269-012	11	12	Kaolinite	0.52	Montmorillonite	0	62.505	1400.3
NAA6269	NAA6269-013	12	13	Montmorillonite	0.57	Kaolinite	0	85.755	1802.3
NAA6269	NAA6269-014	13	14	Montmorillonite	0.55	Kaolinite	0	90.597	1817.8
NAA6269	NAA6269-015	14	15	Montmorillonite	0.54	Kaolinite	0	83.481	2058.1
NAA6269	NAA6269-016	15	16	Montmorillonite	0.52	Kaolinite	0	84.201	1537.1
NAA6269	NAA6269-017	16	17	Kaolinite	0.5	Montmorillonite	1	106.04	1617.8
NAA6269	NAA6269-018	17	18	Montmorillonite	0.54	Kaolinite	0	92.591	1773.6
NAA6269	NAA6269-019	18	19	Kaolinite	0.51	Montmorillonite	0	88.392	1599.8
NAA6269	NAA6269-020	19	20	Montmorillonite	0.51	Kaolinite	0	86.899	2136.2
NAA6269	NAA6269-021	20	21	Montmorillonite	0.52	Kaolinite	0	80.628	1878.6
NAA6269	NAA6269-022	21	22	Montmorillonite	0.56	Kaolinite	0	78.33	2012.1
NAA6269	NAA6269-023	22	23	Montmorillonite	0.61	Kaolinite	0	87.907	2549.7
NAA6269	NAA6269-024	23	24	Montmorillonite	0.72	Kaolinite	0	97.966	1959.3
NAA6269	NAA6269-025	24	25	Montmorillonite	0.66	Kaolinite	0	83.274	1897
NAA6269	NAA6269-026	25	26	Montmorillonite	0.66	Kaolinite	0	125.85	1335
NAA6269	NAA6269-027	26	27	Montmorillonite	0.53	Hornblende	0	129.85	2425.3
NAA6270	NAA6270-001	0	1	Illite	1	NULL		238.78	1764.6
NAA6270	NAA6270-002	1	2	Illite	1	NULL		79.776	1564.3
NAA6270	NAA6270-003	2	3	Muscovite	1	NULL		73.052	2508.6
NAA6270	NAA6270-004	3	4	Illite	0.77	Phengite	0	46.446	1987.3
NAA6270	NAA6270-005	4	5	Muscovite	0.84	Kaolinite	0	61.337	1381.7
NAA6270	NAA6270-006	5	6	Muscovite	0.81	Kaolinite	0	62.549	1369.9
NAA6270	NAA6270-007	6	7	Muscovite	0.79	Halloysite	0	78.091	1687.9
NAA6270	NAA6270-008	7	8	Siderite	0.6	Illite	0	181.13	2198.6
NAA6270	NAA6270-009	8	9	Illite	1	NULL		241.52	2355.9
NAA6270	NAA6270-011	10	11	Illite	0.69	Phengite	0	78.602	1627.3
NAA6270	NAA6270-012	11	12	Muscovite	1	NULL		130.1	1501.2
NAA6270	NAA6270-013	12	13	Muscovite	1	NULL		81.311	1295.7
NAA6271	NAA6271-001	0	1	Halloysite	0.53	Paragonite	0	331.1	1785.1
NAA6271	NAA6271-002	1	2	Halloysite	0.56	Paragonite	0	158.02	2037.5
NAA6271	NAA6271-003	2	3	Halloysite	0.5	Illite	1	189.97	3493.5
NAA6271	NAA6271-004	3	4	Halloysite	1	NULL		1300.71	1801.7
NAA6271	NAA6271-005	4	5	Montmorillonite	0.52	Illite	0	94.765	1741.1
NAA6271	NAA6271-006	5	6	Montmorillonite	0.54	Illite	0	150.78	1969.7
NAA6271	NAA6271-007	6	7	Illite	0.8	Halloysite	0	99.857	2792.9
NAA6271	NAA6271-008	7	8	Muscovite	0.59	Montmorillonite	0	60.219	2780.2
NAA6271	NAA6271-011	10	11	Illite	1	NULL		206.19	1541.7
NAA6271	NAA6271-012	11	12	Illite	0.66	IntChlorite	0	67.569	1424.7
NAA6272	NAA6272-001	0	1	Illite	0.55	Halloysite	0	171.92	2029.1
NAA6272	NAA6272-002	1	2	Illite	0.71	Halloysite	0	166.06	3564.2
NAA6272	NAA6272-003	2	3	Illite	0.51	Halloysite	0	280.69	2156
NAA6272	NAA6272-004	3	4	Illite	0.69	Halloysite	0	51.735	1804.5
NAA6272	NAA6272-005	4	5	Illite	0.66	Halloysite	0	40.978	2567.9
NAA6272	NAA6272-006	5	6	Illite	1	NULL		72.287	2025.9
NAA6272	NAA6272-007	6	7	Illite	0.7	Phengite	0	45.446	2211.8
NAA6272	NAA6272-008	7	8	Illite	0.81	Halloysite	0	55.856	1913.8
NAA6272	NAA6272-009	8	9	Muscovite	0.66	Montmorillonite	0	52.356	1770.7
NAA6272	NAA6272-010	9	10	Illite	0.68	Siderite	0	67.533	965.8
NAA6273	NAA6273-001	0	1	Halloysite	0.81	YellowMarker	0	384.79	1116.8
NAA6273	NAA6273-002	1	2	Halloysite	0.6	Dickite	0	195.56	1725.6
NAA6273	NAA6273-003	2	3	Halloysite	0.65	Paragonite	0	162.27	1608.4
NAA6273	NAA6273-004	3	4	Illite	0.55	YellowMarker	0	483.46	1075.1
NAA6273	NAA6273-005	4	5	Montmorillonite	0.66	Illite	0	101.78	2835.2
NAA6273	NAA6273-006	5	6	Montmorillonite	0.75	Illite	0	79.24	2352.8
NAA6273	NAA6273-007	6	7	Illite	0.51	Halloysite	0	392.49	2281.7
NAA6273	NAA6273-008	7	8	Illite	0.71	Nontronite	0	50.62	2547.9
NAA6273	NAA6273-009	8	9	Montmorillonite	0.69	Illite	0	93.131	1512.8
NAA6273	NAA6273-010	9	10	Illite	1	NULL		380.23	2161.3
NAA6273	NAA6273-011	10	11	Illite	1	NULL		80.94	1843.9

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
NAA6273	NAA6273-012	11	12	Illite	0.79	Nontronite	0	103.27	2384.6
NAA6274	NAA6274-001	0	1	Illite	0.65	Halloysite	0	64.17	2486.4
NAA6274	NAA6274-002	1	2	Illite	0.62	Halloysite	0	90.67	2148.9
NAA6274	NAA6274-003	2	3	Halloysite	1	NULL		664.31	2773.2
NAA6274	NAA6274-004	3	4	Halloysite	0.57	Illite	0	37.934	1859.9
NAA6274	NAA6274-005	4	5	Montmorillonite	0.65	Illite	0	31.035	2388.9
NAA6274	NAA6274-006	5	6	Illite	0.77	WhiteMarker	0	202.05	1228.4
NAA6274	NAA6274-007	6	7	Montmorillonite	0.56	Illite	0	101.63	1378.7
NAA6274	NAA6274-008	7	8	Illite	1	NULL		85.401	1271.2
NAA6274	NAA6274-009	8	9	Muscovite	0.52	Montmorillonite	0	118.93	1808.1
NAA6274	NAA6274-010	9	10	Illite	0.67	MgChlorite	0	101.31	1922.5
NAA6275	NAA6275-001	0	1	Siderite	0.54	Illite	0	191.42	2694.1
NAA6275	NAA6275-002	1	2	Halloysite	0.61	Illite	0	83.505	1998.1
NAA6275	NAA6275-003	2	3	Halloysite	0.63	Illite	0	52.7	1860.9
NAA6275	NAA6275-004	3	4	Muscovite	0.54	Halloysite	0	84.729	1636.2
NAA6275	NAA6275-005	4	5	Illite	0.57	Halloysite	0	76.928	1913.7
NAA6275	NAA6275-006	5	6	Illite	0.57	Halloysite	0	115.59	1271.2
NAA6275	NAA6275-007	6	7	Montmorillonite	0.77	Kaolinite	0	58.03	1437.9
NAA6275	NAA6275-008	7	8	Illite	0.69	Montmorillonite	0	44.152	1922.8
NAA6275	NAA6275-009	8	9	Muscovite	0.52	Montmorillonite	0	58.681	1975.7
NAA6275	NAA6275-010	9	10	Illite	0.53	Halloysite	0	72.524	2233
NAA6275	NAA6275-011	10	11	Illite	0.71	Halloysite	0	43.905	2699.7
NAA6276	NAA6276-001	0	1	Illite	0.59	Dickite	0	585.5	2366.1
NAA6276	NAA6276-002	1	2	Halloysite	1	NULL		822.94	2448.7
NAA6276	NAA6276-003	2	3	Montmorillonite	0.66	Halloysite	0	175.46	1621.1
NAA6276	NAA6276-004	3	4	Montmorillonite	0.57	Illite	0	44.587	1678.3
NAA6276	NAA6276-005	4	5	Montmorillonite	0.51	Illite	0	41.917	2052.9
NAA6276	NAA6276-006	5	6	Illite	0.75	Halloysite	0	79.633	1738.9
NAA6276	NAA6276-007	6	7	Illite	0.78	Halloysite	0	66.228	2511.2
NAA6276	NAA6276-008	7	8	Illite	1	NULL		221.33	1694
NAA6277	NAA6277-001	0	1	Halloysite	0.56	Illite	0	86.574	1806.6
NAA6277	NAA6277-002	1	2	Halloysite	0.68	Illite	0	77.664	1356.1
NAA6277	NAA6277-003	2	3	Illite	0.57	Halloysite	0	58.34	2350.8
NAA6277	NAA6277-004	3	4	Illite	0.51	Halloysite	0	70.752	1663.3
NAA6277	NAA6277-005	4	5	Illite	0.66	Halloysite	0	78.775	2085.3
NAA6277	NAA6277-006	5	6	Muscovite	0.57	Montmorillonite	0	40.869	1720.5
NAA6277	NAA6277-007	6	7	Muscovite	0.5	Montmorillonite	1	91.37	1748.7
NAA6277	NAA6277-008	7	8	Muscovite	1	NULL		131.48	1217.8
NAA6278	NAA6278-001	0	1	Halloysite	0.77	Paragonite	0	108.15	1026
NAA6278	NAA6278-002	1	2	Halloysite	0.76	Paragonite	0	72.236	1578.2
NAA6278	NAA6278-003	2	3	Halloysite	0.76	Paragonite	0	77.409	2192.6
NAA6278	NAA6278-004	3	4	Halloysite	0.72	Illite	0	86.532	1632.1
NAA6278	NAA6278-005	4	5	Montmorillonite	0.59	Illite	0	37	2386.1
NAA6278	NAA6278-006	5	6	Illite	0.58	Montmorillonite	0	60.94	2689
NAA6278	NAA6278-007	6	7	Illite	0.54	Montmorillonite	0	59.333	2768.1
NAA6278	NAA6278-008	7	8	Illite	0.53	Montmorillonite	0	69.759	2585.1
NAA6278	NAA6278-009	8	9	Muscovite	0.57	Montmorillonite	0	115.85	1655.8
NAA6278	NAA6278-010	9	10	Illite	1	NULL		132.59	1740.1
NAA6278	NAA6278-011	10	11	Muscovite	0.6	IntChlorite	0	97.947	1859
NAA6279	NAA6279-001	0	1	Halloysite	1	NULL		421.82	1774.6
NAA6279	NAA6279-002	1	2	Halloysite	0.75	Illite	0	73.377	1346.4
NAA6279	NAA6279-003	2	3	Kaolinite	0.59	Muscovite	0	75.746	1942.9
NAA6279	NAA6279-004	3	4	Halloysite	0.73	Illite	0	73.137	1636.6
NAA6279	NAA6279-005	4	5	Halloysite	0.55	Illite	0	71.752	1634.8
NAA6279	NAA6279-006	5	6	Halloysite	0.58	Illite	0	68.572	1186.7
NAA6279	NAA6279-007	6	7	Montmorillonite	0.5	Halloysite	1	146.48	1127.8
NAA6279	NAA6279-008	7	8	Montmorillonite	0.64	Halloysite	0	63.865	1783.7
NAA6279	NAA6279-009	8	9	Illite	0.62	Halloysite	0	346.07	1828.4
NAA6279	NAA6279-010	9	10	Illite	0.55	Montmorillonite	0	92.923	1227.3
NAA6279	NAA6279-011	10	11	Illite	0.6	Halloysite	0	137.64	2559.1
NAA6279	NAA6279-012	11	12	Illite	0.8	Halloysite	0	57.112	1290
NAA6279	NAA6279-013	12	13	Illite	1	NULL		171.77	1030.3
NAA6279	NAA6279-014	13	14	Illite	1	NULL		174.97	1961.4
NAA6279	NAA6279-015	14	15	Illite	1	NULL		139.26	1872

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
NAA6279	NAA6279-016	15	16	Illite	1	NULL		171.3	1789.6
NAA6279	NAA6279-017	16	17	Illite	1	NULL		117.62	1073.2
NAA6280	NAA6280-001	0	1	Halloysite	0.51	Illite	0	165.05	2771.2
NAA6280	NAA6280-002	1	2	Illite	0.51	Dickite	0	178.44	2724.9
NAA6280	NAA6280-003	2	3	Halloysite	0.69	Paragonite	0	125.4	2598.3
NAA6280	NAA6280-004	3	4	Halloysite	0.55	Illite	0	71.779	1617.6
NAA6280	NAA6280-005	4	5	Halloysite	0.72	Dickite	0	92.599	1530.5
NAA6280	NAA6280-006	5	6	Illite	0.52	Halloysite	0	121.51	1714.6
NAA6280	NAA6280-007	6	7	Illite	0.63	Halloysite	0	75.91	2764.3
NAA6280	NAA6280-008	7	8	Illite	0.68	Halloysite	0	100.74	1865.5
NAA6280	NAA6280-009	8	9	Illite	0.57	Halloysite	0	78.462	2070.7
NAA6280	NAA6280-010	9	10	Muscovite	0.65	Montmorillonite	0	45.501	3140.3
NAA6280	NAA6280-011	10	11	Illite	1	NULL		198.44	1045.4
NAA6280	NAA6280-012	11	12	Muscovite	1	NULL		103.11	1341.5
NAA6281	NAA6281-001	0	1	Illite	0.56	Dickite	0	204.42	2361.2
NAA6281	NAA6281-002	1	2	Illite	0.51	Dickite	0	208.54	2446
NAA6281	NAA6281-003	2	3	Halloysite	0.56	Illite	0	130.03	2917.6
NAA6281	NAA6281-004	3	4	Halloysite	0.59	Illite	0	138.07	2361.9
NAA6281	NAA6281-005	4	5	Halloysite	0.56	Illite	0	144.03	3086.8
NAA6281	NAA6281-006	5	6	Illite	0.54	Halloysite	0	76.304	2310.4
NAA6281	NAA6281-007	6	7	Illite	0.62	Halloysite	0	79.986	1885.9
NAA6281	NAA6281-008	7	8	Illite	0.6	Montmorillonite	0	48.93	2254.2
NAA6281	NAA6281-009	8	9	Muscovite	0.51	Montmorillonite	0	55.594	1578.6
NAA6281	NAA6281-010	9	10	Muscovite	1	NULL		114.81	1454.8
NAA6281	NAA6281-011	10	11	Muscovite	0.61	IntChlorite	0	79.824	1332.7
NAA6281	NAA6281-012	11	12	Illite	0.62	MgChlorite	0	109.62	1865.5
NAA6282	NAA6282-001	0	1	Illite	0.59	Halloysite	0	158.23	1916.6
NAA6282	NAA6282-002	1	2	Illite	0.58	Halloysite	0	105.91	2176.3
NAA6282	NAA6282-003	2	3	Halloysite	0.54	Illite	0	125.12	1829.1
NAA6282	NAA6282-004	3	4	Montmorillonite	0.75	Halloysite	0	82.391	1546.2
NAA6282	NAA6282-005	4	5	Montmorillonite	1	NULL		46.657	1791.9
NAA6282	NAA6282-006	5	6	Montmorillonite	0.82	Kaolinite	0	35.293	1944.7
NAA6282	NAA6282-007	6	7	Montmorillonite	0.67	Halloysite	0	56.016	2358.2
NAA6282	NAA6282-008	7	8	Montmorillonite	0.72	Halloysite	0	60.628	2249.5
NAA6282	NAA6282-009	8	9	Illite	1	NULL		145.33	1477.3
NAA6282	NAA6282-010	9	10	Montmorillonite	0.63	Halloysite	0	105.79	2261.2
NAA6282	NAA6282-011	10	11	Montmorillonite	0.67	Halloysite	0	80.175	2629.6
NAA6282	NAA6282-012	11	12	Illite	0.59	Montmorillonite	0	86.659	2077.3
NAA6282	NAA6282-013	12	13	Illite	0.63	Montmorillonite	0	96.48	3024.4
NAA6282	NAA6282-014	13	14	Illite	0.64	Montmorillonite	0	112.11	2213
NAA6282	NAA6282-015	14	15	Illite	1	NULL		172.24	1204.8
NAA6282	NAA6282-016	15	16	Illite	1	NULL		131.16	2123.2
NAA6282	NAA6282-017	16	17	Illite	1	NULL		74.745	1668.1
NAA6282	NAA6282-018	17	18	Illite	1	NULL		224.58	1602.4
NAA6283	NAA6283-001	0	1	Illite	0.61	Halloysite	0	117.08	2437.4
NAA6283	NAA6283-002	1	2	Halloysite	0.54	Illite	0	97.853	1863.3
NAA6283	NAA6283-003	2	3	Illite	0.54	Halloysite	0	135.58	1421.3
NAA6283	NAA6283-004	3	4	Illite	0.51	Montmorillonite	0	54.026	1497.5
NAA6283	NAA6283-005	4	5	Muscovite	1	NULL		91.446	1472.1
NAA6283	NAA6283-006	5	6	Montmorillonite	0.51	Illite	0	81.711	1554
NAA6283	NAA6283-007	6	7	Montmorillonite	0.65	Illite	0	69.085	1447.4
NAA6283	NAA6283-008	7	8	Muscovite	0.53	Montmorillonite	0	41.17	2334.1
NAA6283	NAA6283-009	8	9	Muscovite	0.54	Montmorillonite	0	46.029	2094.3
NAA6283	NAA6283-010	9	10	Illite	0.66	Halloysite	0	106.28	1523.3
NAA6283	NAA6283-011	10	11	Montmorillonite	0.53	Muscovite	0	48.755	1779.2
NAA6283	NAA6283-012	11	12	Montmorillonite	0.5	Muscovite	1	45.209	1764.2
NAA6283	NAA6283-013	12	13	Montmorillonite	0.52	Muscovite	0	46.978	1604.3
NAA6283	NAA6283-014	13	14	Illite	0.65	Opal	0	81.311	1890.6
NAA6283	NAA6283-015	14	15	Muscovite	0.51	Montmorillonite	0	111.79	2435.6
NAA6283	NAA6283-016	15	16	Illite	1	NULL		164.34	1316.6
NAA6284	NAA6284-001	0	1	Halloysite	0.69	Illite	0	123.58	1817.1
NAA6284	NAA6284-002	1	2	Halloysite	0.76	Dickite	0	111.76	1691.1
NAA6284	NAA6284-003	2	3	Halloysite	1	NULL		180.56	881.1
NAA6284	NAA6284-004	3	4	Halloysite	0.59	YellowMarker	0	290.52	428.2

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
NAA6284	NAA6284-005	4	5	Halloysite	0.56	Illite	0	207.49	2122
NAA6284	NAA6284-006	5	6	Halloysite	0.52	Montmorillonite	0	92.844	2121.1
NAA6284	NAA6284-007	6	7	Halloysite	0.56	Montmorillonite	0	99.846	2751.7
NAA6284	NAA6284-008	7	8	Halloysite	0.61	Illite	0	86.264	1725.5
NAA6284	NAA6284-009	8	9	Illite	0.77	Halloysite	0	112.74	1289.7
NAA6284	NAA6284-010	9	10	Halloysite	0.67	Montmorillonite	0	128.54	2525.3
NAA6284	NAA6284-011	10	11	Illite	0.75	Halloysite	0	62.884	2187.9
NAA6284	NAA6284-012	11	12	Halloysite	0.55	Illite	0	209.16	1875.6
NAA6284	NAA6284-013	12	13	Illite	0.59	Halloysite	0	133.28	2968.1
NAA6285	NAA6285-001	0	1	Illite	0.63	Halloysite	0	113.62	3020.3
NAA6285	NAA6285-002	1	2	Illite	0.6	Halloysite	0	71.35	3153.8
NAA6285	NAA6285-003	2	3	Halloysite	0.53	Illite	0	78.786	2253
NAA6285	NAA6285-004	3	4	Illite	0.52	Halloysite	0	82.838	2149.5
NAA6285	NAA6285-005	4	5	Halloysite	0.5	Illite	1	274.64	1950.4
NAA6285	NAA6285-006	5	6	Montmorillonite	0.72	Illite	0	66.001	1870.3
NAA6285	NAA6285-007	6	7	Montmorillonite	0.73	Illite	0	65.795	1590.4
NAA6285	NAA6285-008	7	8	Montmorillonite	0.65	Muscovite	0	42.523	2510.3
NAA6285	NAA6285-009	8	9	Montmorillonite	0.61	Illite	0	59.885	3265.6
NAA6285	NAA6285-010	9	10	Montmorillonite	1	NULL		137.56	1670.3
NAA6285	NAA6285-011	10	11	Montmorillonite	0.51	YellowMarker	0	443.05	465.2
NAA6285	NAA6285-012	11	12	Illite	0.75	Nontronite	0	73.075	1647.1
NAA6285	NAA6285-013	12	13	Montmorillonite	0.68	Illite	0	60.371	2020
NAA6285	NAA6285-014	13	14	Montmorillonite	0.62	Muscovite	0	67.597	1955.3
NAA6285	NAA6285-015	14	15	Montmorillonite	0.55	Illite	0	106.65	1545.8
NAA6285	NAA6285-016	15	16	Montmorillonite	1	NULL		232.14	1653
NAA6285	NAA6285-017	16	17	Illite	1	NULL		290.97	1566.1
NAA6286	NAA6286-001	0	1	Illite	0.63	Halloysite	0	106.17	3130.8
NAA6286	NAA6286-002	1	2	Halloysite	0.52	Illite	0	93.632	3038.7
NAA6286	NAA6286-003	2	3	Halloysite	0.5	Illite	1	169.59	3407.3
NAA6286	NAA6286-004	3	4	Halloysite	0.61	Illite	0	100.19	2208.6
NAA6286	NAA6286-005	4	5	Halloysite	1	NULL		1158.14	1795.8
NAA6286	NAA6286-006	5	6	Illite	0.66	Halloysite	0	120.09	1357.5
NAA6286	NAA6286-007	6	7	Illite	0.63	Halloysite	0	145.06	2162.8
NAA6286	NAA6286-008	7	8	Illite	0.51	Montmorillonite	0	160.83	1889.3
NAA6286	NAA6286-009	8	9	Illite	0.59	Montmorillonite	0	113.6	1560.1
NAA6286	NAA6286-010	9	10	Illite	0.52	Montmorillonite	0	38.633	2130.9
NAA6286	NAA6286-011	10	11	Muscovite	1	NULL		101.53	1105.3
NAA6286	NAA6286-012	11	12	Muscovite	1	NULL		198.49	1195.6
NAA6286	NAA6286-013	12	13	Muscovite	1	NULL		149.17	1590.2
NAA6286	NAA6286-014	13	14	Muscovite	1	NULL		222.1	1708.4
NAA6287	NAA6287-001	0	1	Halloysite	0.51	Illite	0	133.99	2999.5
NAA6287	NAA6287-002	1	2	Halloysite	0.52	Illite	0	159.93	3226
NAA6287	NAA6287-003	2	3	Illite	0.5	Halloysite	1	308.59	3518.7
NAA6287	NAA6287-004	3	4	Illite	0.51	Halloysite	1	109.97	2387.1
NAA6287	NAA6287-005	4	5	Montmorillonite	0.71	Halloysite	0	68.206	2677.3
NAA6287	NAA6287-006	5	6	Montmorillonite	0.74	Illite	0	35.933	2109.3
NAA6287	NAA6287-007	6	7	Montmorillonite	0.73	Illite	0	31.426	2351.1
NAA6287	NAA6287-008	7	8	Muscovite	0.52	Montmorillonite	0	103	1538.2
NAA6287	NAA6287-009	8	9	Montmorillonite	0.59	Muscovite	0	54.26	2126.1
NAA6287	NAA6287-010	9	10	Muscovite	0.5	Montmorillonite	1	100.03	2240.9
NAA6287	NAA6287-011	10	11	Illite	0.58	IntChlorite	0	78.085	1309
NAA6287	NAA6287-012	11	12	Illite	0.6	IntChlorite	0	67.834	1851.5
NAA6288	NAA6288-001	0	1	Illite	0.56	Halloysite	0	117.1	2699.4
NAA6288	NAA6288-002	1	2	Halloysite	0.71	Dickite	0	151.79	1770.8
NAA6288	NAA6288-003	2	3	Halloysite	0.68	Dickite	0	197.4	2304.1
NAA6288	NAA6288-004	3	4	Halloysite	1	NULL		311.46	2407.3
NAA6288	NAA6288-005	4	5	Montmorillonite	0.78	Halloysite	0	59.768	1587
NAA6288	NAA6288-006	5	6	Montmorillonite	0.73	Illite	0	40.535	1918.3
NAA6288	NAA6288-007	6	7	Montmorillonite	0.61	Illite	0	54.004	2722.2
NAA6288	NAA6288-008	7	8	Illite	0.7	Montmorillonite	0	54.298	2664.8
NAA6288	NAA6288-009	8	9	Illite	0.61	Montmorillonite	0	69.213	2241.8
NAA6288	NAA6288-010	9	10	Illite	0.69	Halloysite	0	148.01	3257.5
NAA6288	NAA6288-011	10	11	Halloysite	0.53	Montmorillonite	0	156.93	3107.6
NAA6288	NAA6288-012	11	12	Illite	0.69	Halloysite	0	140.38	2743.2

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
NAA6288	NAA6288-013	12	13	Illite	1	NULL		463.29	1819.3
NAA6288	NAA6288-014	13	14	Illite	0.65	Montmorillonite	0	99.027	2748.6
NAA6288	NAA6288-015	14	15	Illite	0.69	Halloysite	0	109.9	2037.1
NAA6288	NAA6288-016	15	16	Montmorillonite	0.53	Illite	0	106.22	2571
NAA6288	NAA6288-017	16	17	Montmorillonite	0.61	Illite	0	94.044	2328.9
NAA6288	NAA6288-018	17	18	Montmorillonite	0.7	Halloysite	0	81.907	2524.2
NAA6288	NAA6288-019	18	19	Illite	0.56	Montmorillonite	0	69.017	1993.1
NAA6288	NAA6288-020	19	20	Muscovite	0.58	Montmorillonite	0	53.482	1891.3
NAA6288	NAA6288-021	20	21	Muscovite	1	NULL		88.148	1383.9
NAA6289	NAA6289-001	0	1	Illite	0.59	Halloysite	0	71.479	2827.3
NAA6289	NAA6289-002	1	2	Illite	0.52	Halloysite	0	314.87	2834.6
NAA6289	NAA6289-003	2	3	Halloysite	1	NULL		844.41	2533.5
NAA6289	NAA6289-004	3	4	Illite	0.55	Halloysite	0	60.288	2593.1
NAA6289	NAA6289-005	4	5	Illite	0.55	Halloysite	0	44.958	2552.6
NAA6289	NAA6289-006	5	6	Illite	0.62	Halloysite	0	51.33	2488.6
NAA6289	NAA6289-007	6	7	Illite	0.6	Halloysite	0	49.214	3251.6
NAA6289	NAA6289-008	7	8	Illite	0.52	Halloysite	0	59.384	2102.9
NAA6289	NAA6289-009	8	9	Illite	0.6	Halloysite	0	60.589	2619.6
NAA6289	NAA6289-010	9	10	Muscovite	0.75	Halloysite	0	94.499	2246.6
NAA6289	NAA6289-011	10	11	Muscovite	0.67	Halloysite	0	41.216	2596.9
NAA6289	NAA6289-012	11	12	Muscovite	0.66	Halloysite	0	44.838	2892.9
NAA6289	NAA6289-013	12	13	Muscovite	0.64	Halloysite	0	43.665	2746
NAA6289	NAA6289-014	13	14	Muscovite	0.67	Kaolinite	0	50.548	1952.2
NAA6289	NAA6289-015	14	15	Muscovite	0.72	Halloysite	0	64.03	2708.4
NAA6289	NAA6289-016	15	16	Muscovite	0.72	Halloysite	0	48.424	2547.6
NAA6289	NAA6289-017	16	17	Muscovite	0.72	Halloysite	0	65.523	2446.7
NAA6289	NAA6289-018	17	18	Muscovite	0.72	Halloysite	0	90.139	1612.6
NAA6289	NAA6289-019	18	19	Muscovite	1	NULL		50.429	1521.4
NAA6289	NAA6289-020	19	20	Muscovite	0.52	Montmorillonite	0	35.106	1569
NAA6289	NAA6289-021	20	21	Muscovite	0.57	Montmorillonite	0	53	1252.5
NAA6289	NAA6289-022	21	22	Muscovite	0.53	Montmorillonite	0	49.301	1324.4
NAA6289	NAA6289-023	22	23	Muscovite	0.58	Montmorillonite	0	48.227	1755.9
NAA6289	NAA6289-024	23	24	Illite	0.69	Halloysite	0	140.6	1335.1
NAA6289	NAA6289-025	24	25	Illite	0.67	Halloysite	0	78.747	1701.9
NAA6290	NAA6290-001	0	1	Halloysite	0.6	Illite	0	126.07	3380.6
NAA6290	NAA6290-002	1	2	Halloysite	1	NULL		333.91	1488.1
NAA6290	NAA6290-003	2	3	Halloysite	0.75	Dickite	0	96.808	1638.7
NAA6290	NAA6290-004	3	4	Halloysite	0.79	Dickite	0	86.465	2026.3
NAA6290	NAA6290-005	4	5	Halloysite	0.53	Illite	0	58.687	2241.9
NAA6290	NAA6290-006	5	6	Halloysite	0.52	Illite	0	74.732	1729.8
NAA6290	NAA6290-007	6	7	Illite	0.74	Halloysite	0	50.594	2332.9
NAA6290	NAA6290-008	7	8	Muscovite	0.67	Kaolinite	0	48.318	2282.5
NAA6290	NAA6290-009	8	9	Illite	0.65	Halloysite	0	52.736	2581.5
NAA6290	NAA6290-010	9	10	Illite	0.63	Halloysite	0	55.261	2626.9
NAA6290	NAA6290-011	10	11	Illite	0.59	Kaolinite	0	54.839	2184.1
NAA6290	NAA6290-012	11	12	Illite	0.62	Halloysite	0	52.579	2728.2
NAA6290	NAA6290-013	12	13	Illite	0.59	Halloysite	0	87.451	3004.5
NAA6290	NAA6290-014	13	14	Illite	0.57	Halloysite	0	97.804	2091.9
NAA6290	NAA6290-015	14	15	Illite	1	NULL		71.264	1742.9
NAA6290	NAA6290-016	15	16	Illite	0.58	Halloysite	0	139.24	1813.8
NAA6290	NAA6290-017	16	17	Illite	0.63	Halloysite	0	270.49	1623.4
NAA6290	NAA6290-018	17	18	Muscovite	0.5	Montmorillonite	1	55.078	1607.1
NAA6290	NAA6290-019	18	19	Illite	0.67	Halloysite	0	295.55	1850.1
NAA6290	NAA6290-020	19	20	Illite	0.62	Halloysite	0	120.53	1906.7
NAA6290	NAA6290-021	20	21	Montmorillonite	0.54	Kaolinite	0	72.217	3164.9
NAA6290	NAA6290-022	21	22	Montmorillonite	0.54	Illite	0	105.62	2899.4
NAA6290	NAA6290-023	22	23	Illite	1	NULL		167.97	1753.4
NAA6291	NAA6291-001	0	1	Halloysite	0.53	Illite	0	209.28	3426.3
NAA6291	NAA6291-002	1	2	Illite	0.57	Halloysite	0	221.4	3990.3
NAA6291	NAA6291-003	2	3	Halloysite	0.6	Illite	0	235.92	2091.8
NAA6291	NAA6291-004	3	4	Halloysite	0.6	Illite	0	114.7	2020.9
NAA6291	NAA6291-005	4	5	Montmorillonite	0.53	Halloysite	0	81.478	2566
NAA6291	NAA6291-006	5	6	Montmorillonite	0.76	Halloysite	0	54.509	1426.2
NAA6291	NAA6291-007	6	7	Montmorillonite	0.67	Illite	0	60.1	1443.7

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
NAA6291	NAA6291-008	7	8	Montmorillonite	0.7	Illite	0	65.909	1630.3
NAA6291	NAA6291-009	8	9	Illite	0.6	Halloysite	0	272.42	1802.6
NAA6291	NAA6291-010	9	10	Montmorillonite	0.54	Halloysite	0	185.18	1380.6
NAA6291	NAA6291-011	10	11	Illite	0.67	Halloysite	0	189.68	1553.5
NAA6291	NAA6291-012	11	12	Illite	1	NULL		135.56	1620.2
NAA6291	NAA6291-013	12	13	Illite	0.62	Montmorillonite	0	104.13	1935.1
NAA6291	NAA6291-014	13	14	Illite	0.79	Nontronite	0	71.488	2520.5
NAA6291	NAA6291-015	14	15	Illite	0.55	Opal	0	86.751	2270.8
NAA6291	NAA6291-016	15	16	Illite	0.81	Nontronite	0	53.893	2056
NAA6291	NAA6291-017	16	17	Illite	1	NULL		104.93	1581.3