

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
ND-1	18	20	51566	2.05	0	0	1.22	0.14
ND-1	20	22	59146	8.16	19.25	0.2	2.18	0.71
ND-1	22	23.7	43921	14.63	25.02	0.04	23.15	1.74
ND-1	23.7	25	34530	23.89	52.53	2.44	7.87	1.5
ND-1	25	28	86935	25.06	18.79	0.26	8.19	2.01
ND-1	30	31.6	42042	17.77	10.16	0.65	10.19	1.44
ND-1	31.6	33.8	51364	22.47	14.58	0.91	8.61	1.75
ND-1	33.8	34.5	25516	9.29	13.17	1.05	1.16	0
ND-1	41	43	55169	28.46	38.42	0.53	9.72	1.88
ND-1	53.7	55.5	61325	28.28	32.77	1.23	16.92	2.92
ND-1	75	77.4	74429	17.59	36.7	1.89	13.36	0.66
ND-1	77.4	79.2	51122	11.54	41.19	2.63	6.34	0.11
ND-1	81	83.9	81957	11.24	26.79	0.77	5.94	0.18
ND-1	83.9	89.1	143352	9.05	20.89	0.47	4.75	0.19
ND-1	89.1	93.8	140098	14.23	26.06	0.94	5.29	0.3
ND-1	93.8	97.5	115372	16.56	37.01	1.72	9.49	0.36
ND-1	97.5	100.5	94137	11.08	27.91	1.79	13.02	0.07
ND-1	100.5	104	91109	15.83	24.97	0.67	9.81	0.04
ND-1	104	109.2	147598	23.14	35.33	0.46	12.84	0.25
ND-1	146	148	67457	12.95	28.1	0.18	19.45	0.41
ND-1	227	231	107000	7.47	15.91	2.09	20.12	0.05
ND-1	268	270.9	73038	16.56	37.14	0.15	28.26	0.52
ND-1	270.9	273.5	61477	21.52	24.2	0.54	22.15	0.54
ND-1	413	415	67774	15.68	51.29	0.77	11.54	1.97
ND-1	426	429	87901	6.9	47.34	0.09	1.2	0.04
ND-1	430	433	79039	9.74	56.78	0.6	7.99	0.14
ND-1	532	535	88110	17.25	35.52	0.02	26.82	8.9
ND-1	557	561	109965	13.59	45.49	1.19	19.31	3.26
ND-1	587	589	52803	23.88	28.71	0.25	16.22	8.26
ND-1	596.9	598.7	47936	16.53	44.85	0.9	23.75	7.67
ND-1	601	603	57585	16.19	45.32	0.38	19.05	5.72
ND-2	84	85.8	50458	24.12	21.65	9.13	17.88	2.43
ND-2	195	199.7	137350	14.6	51	7.23	13.34	4.67

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
ND-1	18	20	0.02	1.44	0.59	0	96.27	0
ND-1	20	22	0.09	1.95	1.06	0.18	73.5	0.09
ND-1	22	23.7	0.09	1.29	1.54	0	42.95	0.13
ND-1	23.7	25	1.69	4.85	0.81	0	15.11	1.05
ND-1	25	28	0.28	8.36	1.02	0	49.06	0.39
ND-1	30	31.6	0.16	1.53	1.3	0	66.89	0.2
ND-1	31.6	33.8	0.62	1.47	0.88	0	57.5	0.28
ND-1	33.8	34.5	0	0.68	0.68	0	79.94	0.19
ND-1	41	43	1.38	4.65	1.04	0	24.62	0.39
ND-1	53.7	55.5	3.69	6.77	1.36	0	24.27	0.31
ND-1	75	77.4	4.32	1.95	2.09	0	36.9	0.27
ND-1	77.4	79.2	0.49	0.3	2.02	0	43.9	0.05
ND-1	81	83.9	0.03	0.22	1.84	0	57.88	0.01
ND-1	83.9	89.1	0.38	0.47	0.2	0	67.11	0.01
ND-1	89.1	93.8	0.86	0.7	0.97	0	55.26	0.19
ND-1	93.8	97.5	1.96	0.85	0.77	0	41.92	0.32
ND-1	97.5	100.5	0.89	0.78	2.44	0	55.74	0.36
ND-1	100.5	104	1.11	0.38	1.75	0	49.36	0.32
ND-1	104	109.2	3.23	2.3	1.9	0	28.8	0.63
ND-1	146	148	2.04	0.49	1.31	0	48.55	0.1
ND-1	227	231	2.3	0.21	4.24	0	59.2	0.32
ND-1	268	270.9	3.35	0.84	4.33	0	31.72	0.17
ND-1	270.9	273.5	3.95	2.46	2.46	0	39.43	0.28
ND-1	413	415	0.25	2.33	0.79	0	30.49	0.11
ND-1	426	429	0	0.27	1.25	0	44.14	0.01
ND-1	430	433	0.03	0.61	1.69	0.03	32.38	0.01
ND-1	532	535	0.33	7.57	2.29	0	29.16	0.06
ND-1	557	561	1.38	2.72	1.65	0.01	34.11	0.16
ND-1	587	589	1.99	5.86	1.37	0	35.4	0.06
ND-1	596.9	598.7	5.19	5.49	0.14	0	27.39	0.04
ND-1	601	603	1.32	3.89	0.6	0	29.11	0.12
ND-2	84	85.8	0.34	0.29	9.71	0.04	20.35	13.31
ND-2	195	199.7	1.21	4.93	0.18	0.05	27.9	2.09

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
ND-1	18	20	0.03	0.03	0.14	0	0	0
ND-1	20	22	0	0.02	0.03	0	0.01	0
ND-1	22	23.7	0	0.03	0	0	2.61	0
ND-1	23.7	25	0	0	0	0	0	0
ND-1	25	28	0	0	0	0	0.01	0
ND-1	30	31.6	0	0	0	0	0	0.13
ND-1	31.6	33.8	0	0	0	0	0	0.01
ND-1	33.8	34.5	0	0.02	0	0	0	0
ND-1	41	43	0	0	0	0	0.2	0.02
ND-1	53.7	55.5	0	0.02	0	0	0.01	0.03
ND-1	75	77.4	0.04	0	0	0	0.66	0.01
ND-1	77.4	79.2	0.38	0	0	0	0.36	0.09
ND-1	81	83.9	0.17	0.15	0	0	0.01	1.6
ND-1	83.9	89.1	1.05	0.08	0	0	0.1	0.39
ND-1	89.1	93.8	0.49	0	0	0	0.07	0.39
ND-1	93.8	97.5	0.53	0.01	0	0	0.11	0.11
ND-1	97.5	100.5	0	0	0	0	0.3	0.05
ND-1	100.5	104	0.73	0.01	0	0	0.44	1.88
ND-1	104	109.2	0	0	0	0	1.64	0.01
ND-1	146	148	0.04	0.13	0	0	0	0
ND-1	227	231	7.86	0	0	0	0.73	0.81
ND-1	268	270.9	0.28	0	0	0	0.29	0.02
ND-1	270.9	273.5	0.01	0.02	0	0	0	0
ND-1	413	415	0.03	0.08	0	0	0	0
ND-1	426	429	0.96	0.01	0	0	0	0.01
ND-1	430	433	0.44	0.24	0	0	0	0
ND-1	532	535	0	0	0	0	0.07	0
ND-1	557	561	0.13	0.02	0	0	0.06	0.01
ND-1	587	589	0	0.1	0	0	0.02	0
ND-1	596.9	598.7	0	0.06	0	0	0	0
ND-1	601	603	0	0	0	0	0	0
ND-2	84	85.8	0	0	0	0	0.06	0
ND-2	195	199.7	0.02	0	0	0	0.09	0.02

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
ND-1	18	20	0.31	0	0	0	0	2.09	0
ND-1	20	22	0.18	0	0	0	0.12	0.5	0
ND-1	22	23.7	0.3	0	0	0	0.13	0.03	0
ND-1	23.7	25	0.03	0.05	0	0	0.08	0.1	0
ND-1	25	28	0.13	0.02	0	0	0	0.04	0
ND-1	30	31.6	0.6	0.06	0	0	0	0.01	0
ND-1	31.6	33.8	0.33	0.07	0	0	0	0.1	0
ND-1	33.8	34.5	0.31	0	0	0	0	0.15	0
ND-1	41	43	0.1	0.25	0	0	0	0.09	0
ND-1	53.7	55.5	0.02	0.01	0	0	0	0	0
ND-1	75	77.4	2.21	0.11	0	0	0	0.05	0
ND-1	77.4	79.2	2.03	0	0	0	0	0.89	0
ND-1	81	83.9	3.97	0	0	0	0.03	0.2	0
ND-1	83.9	89.1	1.1	0	0	0	5.18	0.16	0
ND-1	89.1	93.8	4.71	0.01	0	0	0.08	0.17	0
ND-1	93.8	97.5	3.67	0.02	0	0	0.21	0.24	0
ND-1	97.5	100.5	2.52	0	0	0	0.03	0.61	0
ND-1	100.5	104	5.7	0	0	0	0.01	0.5	0
ND-1	104	109.2	1.56	0.14	0	0	0.01	0.3	0
ND-1	146	148	0.28	0	0	0	0.04	0.41	0
ND-1	227	231	2.13	0	0	0	0	0.41	0.01
ND-1	268	270.9	0.57	0	0	0	0	0.17	0
ND-1	270.9	273.5	2.25	0.01	0	0	0	0.01	0
ND-1	413	415	1.08	0	0	0	0	0.89	0
ND-1	426	429	0.44	0	0	0	0	0.82	0
ND-1	430	433	0.98	0	0	0	0	0.6	0
ND-1	532	535	0.06	0.02	0	0	0	0.02	0
ND-1	557	561	0.58	0	0	0	0.13	0.36	0
ND-1	587	589	0.02	0.02	0	0	0	0.02	0
ND-1	596.9	598.7	0.01	0.01	0	0	0	0.04	0
ND-1	601	603	0.09	0	0	0	0	0.03	0
ND-2	84	85.8	0.13	0.12	0	0	0	0.38	0
ND-2	195	199.7	0.2	0	0	0	0.12	0.11	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
ND-1	18	20	2332.74	2249.79	2335.86	1563.45	2198.25
ND-1	20	22	2326.82	2249.94	2333.05	0	2201.72
ND-1	22	23.7	2327.75	2249.16	2333.16	0	0
ND-1	23.7	25	2323.9	2249.2	2330.01	0	2194
ND-1	25	28	2328.1	2250.02	2333.87	1564.87	2195.24
ND-1	30	31.6	2330.48	2251.5	2334.73	0	0
ND-1	31.6	33.8	2328.95	2251.65	2329.7	0	2196.19
ND-1	33.8	34.5	2324.97	2249.99	2324.73	0	2192.35
ND-1	41	43	2325.45	2249.59	2331.24	0	2194.35
ND-1	53.7	55.5	2327.25	2249.43	2333.33	0	2198.55
ND-1	75	77.4	2325.02	2249.03	2333.28	1558.71	2195.25
ND-1	77.4	79.2	2319.08	2248.6	2333.72	1559.12	2194.86
ND-1	81	83.9	2318.97	2248.56	2336.32	1565.46	2195.06
ND-1	83.9	89.1	2321.5	2249.2	2331.32	1561.39	2195.69
ND-1	89.1	93.8	2323.99	2248.12	2330.46	1563.36	2195.23
ND-1	93.8	97.5	2327.6	2249.35	2329.73	1560.37	2193.99
ND-1	97.5	100.5	2323.86	2249.24	2332.92	0	2194.49
ND-1	100.5	104	2324.91	2248.89	2329.74	1560.56	2194.42
ND-1	104	109.2	2328.68	2249.15	2331.58	0	2192.49
ND-1	146	148	2327.48	2248.95	2330.91	1559.6	2194.22
ND-1	227	231	2326.25	2249.64	2334.65	1559.64	2194.93
ND-1	268	270.9	2328.06	2249.78	2333.17	1560.61	2194.38
ND-1	270.9	273.5	2325.71	2248.88	2334.15	1563.11	2192.74
ND-1	413	415	2324.03	2249.25	2331.06	1559.05	2194.29
ND-1	426	429	2313.87	2248.24	2333.96	1563.5	2195.65
ND-1	430	433	2315.89	2248.36	2332.18	1560.91	2194.84
ND-1	532	535	2324.42	2249.61	2333.28	0	2192.25
ND-1	557	561	2316.38	2249.19	2331.43	1558.4	2195.41
ND-1	587	589	2322.99	2249.14	2331.5	0	0
ND-1	596.9	598.7	2321.91	2249.67	2328.44	0	2193.96
ND-1	601	603	2321.19	2248.7	2330.5	0	2195.27
ND-2	84	85.8	2331.1	2250.38	2333.96	0	2194.08
ND-2	195	199.7	2319.34	2248.66	2328.28	1567.27	2196.24

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
ND-1	18	20	0.18	0	75	25	0
ND-1	20	22	0.12	3.95	51.32	21.05	23.68
ND-1	22	23.7	0.03	100	0	0	0
ND-1	23.7	25	0.11	15.38	84.62	0	0
ND-1	25	28	0.05	27.27	72.73	0	0
ND-1	30	31.6	0	0	0	0	0
ND-1	31.6	33.8	0.03	14.29	57.14	28.57	0
ND-1	33.8	34.5	0.04	57.89	42.11	0	0
ND-1	41	43	0.05	16.67	75	8.33	0
ND-1	53.7	55.5	0.06	0	100	0	0
ND-1	75	77.4	0.06	20.83	62.5	16.67	0
ND-1	77.4	79.2	0.2	6.08	93.37	0.55	0
ND-1	81	83.9	0.09	3.23	96.77	0	0
ND-1	83.9	89.1	0.08	5.08	89.83	5.08	0
ND-1	89.1	93.8	0.07	9.45	88.19	2.36	0
ND-1	93.8	97.5	0.07	13.83	86.17	0	0
ND-1	97.5	100.5	0.07	19.1	78.89	2.01	0
ND-1	100.5	104	0.06	19.08	75	5.92	0
ND-1	104	109.2	0.06	42.86	55.9	1.24	0
ND-1	146	148	0.07	12.3	87.7	0	0
ND-1	227	231	0.09	6.19	93.22	0.59	0
ND-1	268	270.9	0.07	9.68	88.17	2.15	0
ND-1	270.9	273.5	0.04	50	50	0	0
ND-1	413	415	0.05	13.53	86.47	0	0
ND-1	426	429	0.14	1.43	97.86	0.71	0
ND-1	430	433	0.09	5.65	93.95	0.4	0
ND-1	532	535	0.04	33.33	66.67	0	0
ND-1	557	561	0.05	6.2	91.32	2.48	0
ND-1	587	589	0.02	0	0	0	0
ND-1	596.9	598.7	0.05	14.29	85.71	0	0
ND-1	601	603	0.04	0	100	0	0
ND-2	84	85.8	0.02	51.61	41.94	6.45	0
ND-2	195	199.7	0.08	4.48	83.58	11.94	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
ND-1	18	20	0	2249.72	0	62.18	37.81	0
ND-1	20	22	0	2250.24	0	44.88	55.1	0.02
ND-1	22	23.7	0	2250.34	0.04	32.12	67.83	0
ND-1	23.7	25	0	2249.3	0.35	58.91	40.74	0
ND-1	25	28	0	2250.69	0.01	30.48	69.39	0.12
ND-1	30	31.6	0	2251.03	0.01	20.32	79.63	0.04
ND-1	31.6	33.8	0	2251.37	0.02	15.59	84.31	0.08
ND-1	33.8	34.5	0	2250.63	0	33	67	0
ND-1	41	43	0	2250.51	0	30.74	69.19	0.07
ND-1	53.7	55.5	0	2249.79	0	51.51	48.49	0
ND-1	75	77.4	0	2248.85	0.09	78.68	21.24	0
ND-1	77.4	79.2	0	2250.08	0.04	43.3	56.67	0
ND-1	81	83.9	0	2249.38	0.03	67.32	32.66	0
ND-1	83.9	89.1	0	2249.49	0.02	62.18	37.79	0
ND-1	89.1	93.8	0	2249.08	0.39	76.47	23.13	0.01
ND-1	93.8	97.5	0	2249.6	0.15	52.42	47.33	0.09
ND-1	97.5	100.5	0	2249.42	0.12	61.55	38.34	0
ND-1	100.5	104	0	2250.1	0.04	40.45	59.47	0.04
ND-1	104	109.2	0	2249.86	0.12	46.9	52.88	0.1
ND-1	146	148	0	2250.8	0.05	25.84	74.11	0
ND-1	227	231	0	2250.16	0.04	37.83	62.12	0
ND-1	268	270.9	0	2251.41	0.22	8.79	90.99	0
ND-1	270.9	273.5	0	2249.21	0.18	64.87	34.77	0.18
ND-1	413	415	0	2250.04	0	43.4	56.6	0
ND-1	426	429	0	2249.25	0	74.59	25.41	0
ND-1	430	433	0	2249.2	0	72.79	27.21	0
ND-1	532	535	0	2249.91	0	48.38	51.54	0.08
ND-1	557	561	0	2248.58	0.16	69.55	30.29	0
ND-1	587	589	0	2249.56	0	62.05	37.81	0.14
ND-1	596.9	598.7	0	2250.06	0	43.77	56.23	0
ND-1	601	603	0	2248.95	0	86.21	13.79	0
ND-2	84	85.8	0	2253.12	0.35	6.92	90.37	2.36
ND-2	195	199.7	0	2248.38	0.17	83.11	16.72	0

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
ND-1	18	20	0	0	0	0
ND-1	20	22	2354.27	2203.81	0.65	1.19
ND-1	22	23.7	2352.11	2204.35	0.91	1.3
ND-1	23.7	25	2352.93	2204.76	0.83	1.26
ND-1	25	28	0	0	0	0
ND-1	30	31.6	0	0	0	0
ND-1	31.6	33.8	0	0	0	0
ND-1	33.8	34.5	0	0	0	0
ND-1	41	43	0	0	0	0
ND-1	53.7	55.5	0	0	0	0
ND-1	75	77.4	0	0	0	0
ND-1	77.4	79.2	0	0	0	0
ND-1	81	83.9	0	0	0	0
ND-1	83.9	89.1	2355.7	2204.09	1.4	1.51
ND-1	89.1	93.8	2354.79	2203.7	0.49	1.18
ND-1	93.8	97.5	2353.56	2203.46	0.4	1.27
ND-1	97.5	100.5	2353.26	2203.32	0.62	1.11
ND-1	100.5	104	0	0	0	0
ND-1	104	109.2	0	0	0	0
ND-1	146	148	0	0	0	0
ND-1	227	231	0	0	0	0
ND-1	268	270.9	0	0	0	0
ND-1	270.9	273.5	0	0	0	0
ND-1	413	415	0	0	0	0
ND-1	426	429	0	0	0	0
ND-1	430	433	0	0	0	0
ND-1	532	535	0	0	0	0
ND-1	557	561	2353.18	2204.18	0.59	1.19
ND-1	587	589	0	0	0	0
ND-1	596.9	598.7	0	0	0	0
ND-1	601	603	0	0	0	0
ND-2	84	85.8	0	0	0	0
ND-2	195	199.7	2356.93	2203.41	0.47	1.08



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
ND-2	235	240	130488	10.97	13.24	0.06	9.89	1.98
ND-2	275	279	126621	9.65	0.02	0	9.66	11.12
ND-2	293	298	144940	4.77	0.05	0	93.73	0.71
ND-2	72.8	74	26556	19.16	35.19	0.34	13.28	0.96
ND-2	205	207.3	68678	8.01	49.44	2.51	2.43	1.23
ND-2	153	154.9	47699	6.1	12.56	3.89	13.15	11.33
ND-2	531	535	151395	1.46	0.02	0	81.37	11.79
ND-2	551.3	553	66911	4.56	0.03	0.1	46.25	27.65
ND-2	585	586	33816	3.21	0.43	0.49	60.91	13.21
ND-2	624.2	632.3	285958	2.75	0.02	0	56.64	21.34
ND-2	371	373	56369	3.04	0	0	5.42	22.13
ND-2	477.9	482	131283	2.94	0	0	91.88	1.94
ND-2	482	484	73737	2.36	0.06	0	81.5	3.65
ND-2	529	531	74443	8.09	0.11	0.21	56.88	3.06
ND-2	536	540	169799	3.64	0.04	0	88.76	1.67
ND-2	540	544	179355	10.82	0.02	0.04	77.04	4.76
ND-2	632.3	636	136353	2.44	0.03	0	66.89	15.01
ND-3	75	77.4	56999	5.36	0.34	1.72	34.92	2.58
ND-3	77.4	78.4	26417	6.63	1.15	0.17	27.4	2.17
ND-3	78.4	79.4	19458	7.46	1.9	0.15	35.29	5.88
ND-3	115	116	36302	2.73	5.62	0	65.1	13.07
ND-3	135	136	24646	14.5	6.1	0.27	32.02	2.91
ND-3	152	153.3	30500	3.27	1.61	0.88	30.92	0.51
ND-3	187.6	189	30635	11.35	0	0	44.77	8.78
ND-3	194	196.1	60966	4.12	0.01	0	84.26	7.38
ND-3	251	252	41227	21.12	0.18	4.22	35.38	12.6
ND-3	252.2	254.4	47368	12.06	0.29	0.72	55.07	7.41
ND-3	199	201.2	50172	22.22	0.01	0.15	41.85	8.23
ND-3	230.9	232.6	56347	22.7	0.63	4.59	16.42	5.94
ND-3	330	334	99141	1.62	0.03	0	55.6	1.07
ND-3	337.8	340.8	82113	3.11	0.05	0	70.66	4.39
ND-3	346	348	61196	1.44	0.01	0	56.74	0.76
ND-3	352	354	68255	0.84	0	0	3.17	0.38

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
ND-2	235	240	0.05	1.62	3.03	0.16	66.95	0.04
ND-2	275	279	0	10.96	0.07	0.04	75.97	0
ND-2	293	298	0.02	0.05	0	0.14	0.99	0.07
ND-2	72.8	74	0.13	0.07	4.73	0	27.33	0.04
ND-2	205	207.3	0.25	1.41	0.01	0	44.34	0.1
ND-2	153	154.9	0.01	1.69	0.08	0	75.62	0.45
ND-2	531	535	0	18.32	0	0	30.19	0.01
ND-2	551.3	553	0.01	32.51	0.01	0.01	64.88	0.08
ND-2	585	586	0.08	10.38	0	0.01	72.29	1.63
ND-2	624.2	632.3	0	20.96	0.05	0.1	64.88	0
ND-2	371	373	0	8.1	0.34	0.18	90.83	0.04
ND-2	477.9	482	0	3.44	0.05	0.01	20.69	0.01
ND-2	482	484	0.01	7.24	0.12	0	22.37	0
ND-2	529	531	0	28.01	0.01	0	35.76	0.01
ND-2	536	540	0	8.63	0.03	0	17.48	0
ND-2	540	544	0.01	7.95	0.03	0	21.52	0.09
ND-2	632.3	636	0	18.45	0.12	0.03	52.21	0
ND-3	75	77.4	0.54	0.12	6.53	7.21	57.6	3.35
ND-3	77.4	78.4	0.61	0.11	6.89	9.48	68.37	0
ND-3	78.4	79.4	0.5	0.93	0.23	0.69	67.6	0.03
ND-3	115	116	0	9.47	0.37	0.21	77.19	0.1
ND-3	135	136	3.18	0.28	0.64	0	65.56	0
ND-3	152	153.3	2.36	0.1	0.76	0	77.16	0.04
ND-3	187.6	189	0.03	0.57	1.92	0.71	58.22	0.02
ND-3	194	196.1	0.01	5.52	0	0	27.46	0.03
ND-3	251	252	0.01	0.1	13.25	13.91	7.42	18.32
ND-3	252.2	254.4	0.78	0.19	0.51	0.8	46.08	0.19
ND-3	199	201.2	0.97	3.32	0.07	0.87	36.48	0.8
ND-3	230.9	232.6	26.55	0.23	11.43	0	3.09	9.23
ND-3	330	334	0.01	0.34	0.35	0.89	71.63	0.04
ND-3	337.8	340.8	0	0.45	0.91	1.35	53.93	0.03
ND-3	346	348	0	0.51	4.11	5.14	75.36	0.01
ND-3	352	354	0	0.02	0.37	0.64	96.09	0

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
ND-2	235	240	0	0.05	0	0	0.01	0.01
ND-2	275	279	0.04	0.3	0	0	0.17	0
ND-2	293	298	0	0.22	0	0	0.35	0
ND-2	72.8	74	0	0.1	0	0	0.62	0
ND-2	205	207.3	0.12	0	0	0	0.01	0.27
ND-2	153	154.9	0	0.01	0	0	0	0
ND-2	531	535	0	0.04	0	0	0.06	0
ND-2	551.3	553	0	0.01	0	0	0.01	0
ND-2	585	586	0	0.06	0	0	0.01	0
ND-2	624.2	632.3	0	0.04	0	0	0.08	0
ND-2	371	373	0	0.07	0	0	0.49	0
ND-2	477.9	482	0	0.06	0	0	0.08	0
ND-2	482	484	0	0.38	0	0	0.01	0
ND-2	529	531	0	0.1	0	0	0.02	0
ND-2	536	540	0	0.12	0	0	0.1	0
ND-2	540	544	0	0.25	0	0	0.03	0
ND-2	632.3	636	0.01	0.05	0	0	0	0
ND-3	75	77.4	0.05	0.02	0	0	0	0
ND-3	77.4	78.4	0	0	0	0	0	0
ND-3	78.4	79.4	0	0	0	0	0	0
ND-3	115	116	0	0.12	0	0	0	0
ND-3	135	136	0	0.03	0	0	0	0
ND-3	152	153.3	11.94	0.18	0	0	0	0
ND-3	187.6	189	0	0.14	0	0	0.14	2.61
ND-3	194	196.1	0	0.03	0	0	0.11	0.33
ND-3	251	252	0	0.11	0	0	0.96	0
ND-3	252.2	254.4	0	0.01	0	0	0.43	0
ND-3	199	201.2	0	0.02	0	0	1.11	0.06
ND-3	230.9	232.6	0	0	0	0	0.17	0
ND-3	330	334	0.01	0.19	0	0	0	0
ND-3	337.8	340.8	0	0.03	0	0	0	0
ND-3	346	348	0.04	0.05	0	0	0	0
ND-3	352	354	0.1	0.34	0.04	0	0.01	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
ND-2	235	240	0.19	0	0	0	0.05	2.64	0
ND-2	275	279	0.44	0	0	0	0.57	5.15	0
ND-2	293	298	0.02	0	0	0	0	0.33	0
ND-2	72.8	74	0.47	0	0	0	11.59	0.3	0
ND-2	205	207.3	1.08	0	0	0	1.26	0.27	0
ND-2	153	154.9	1.13	0.15	0	0	0	0.04	0
ND-2	531	535	0	0	0	0	0	0	0
ND-2	551.3	553	0	0	0	0	0	0.01	0
ND-2	585	586	0.09	0	0	0	0	1.25	0
ND-2	624.2	632.3	0.03	0	0	0	0	0.77	0
ND-2	371	373	0.2	0	0	0	0	1.45	0
ND-2	477.9	482	0.01	0	0	0	0	0.02	0
ND-2	482	484	0.03	0	0	0	0	0.06	0
ND-2	529	531	0.01	0	0	0	0	0.05	0
ND-2	536	540	0.02	0	0	0	0	0	0
ND-2	540	544	0.01	0	0	0	0	0	0
ND-2	632.3	636	0.03	0	0	0	0	0.3	0
ND-3	75	77.4	0.3	0.04	0	0	0	0.38	0
ND-3	77.4	78.4	0.37	0	0	0	0	0.04	0
ND-3	78.4	79.4	0.36	0.01	0	0	0	0.14	0
ND-3	115	116	0.04	0	0	0	0	0	0
ND-3	135	136	0.08	0	0	0	0	0.02	0
ND-3	152	153.3	0.23	0.01	0	0	0	1.06	0
ND-3	187.6	189	0.24	0	0	0	0	1.25	0.01
ND-3	194	196.1	0.11	0	0	0	0	0.53	0
ND-3	251	252	0.05	0.39	0	0	0	0.02	0.01
ND-3	252.2	254.4	0.49	0.12	0	0	0	1.81	0
ND-3	199	201.2	0.07	0	0	0	0	18.82	0
ND-3	230.9	232.6	0.04	15.2	0	0	0	0.01	0.01
ND-3	330	334	0.54	0	0	0	0	3.43	0
ND-3	337.8	340.8	0.5	0	0	0	0	1.87	0
ND-3	346	348	0.89	0	0	0	0	1.96	0
ND-3	352	354	0.19	0	0	0	0	5.5	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
ND-2	235	240	2328.6	2249.42	2333.04	0	2194.99
ND-2	275	279	2331.56	2248.68	2336.46	0	2199.97
ND-2	293	298	2327.65	2249.88	2335.07	0	2200.15
ND-2	72.8	74	2329	2250.69	2334.91	0	2197.44
ND-2	205	207.3	2314.86	2247.58	2330.8	1566.67	2196.61
ND-2	153	154.9	2320.06	2249.48	2327.24	0	2194.7
ND-2	531	535	2331.47	2248.74	0	0	0
ND-2	551.3	553	2330.73	2249.11	2331.67	0	2200.38
ND-2	585	586	2328.25	2249.42	2323.87	0	2199.8
ND-2	624.2	632.3	2332.16	2249.09	2329.51	0	2194.68
ND-2	371	373	2332.9	2248.98	2331.8	0	2201.96
ND-2	477.9	482	2329.05	2249.86	2336.02	0	2200.55
ND-2	482	484	2332.46	2248.19	2336.12	0	0
ND-2	529	531	2326.75	2248.36	2333.94	0	2197.02
ND-2	536	540	2329.24	2249.18	2335.83	0	0
ND-2	540	544	2330.73	2249.67	2335.77	0	0
ND-2	632.3	636	2330.83	2248.99	2333.47	0	2195.34
ND-3	75	77.4	2321.41	2249.98	2327.51	0	2196.44
ND-3	77.4	78.4	2326.8	2250.22	2327.41	0	0
ND-3	78.4	79.4	2324.88	2249.84	2330.86	0	0
ND-3	115	116	2323.97	2249.06	2327.16	0	0
ND-3	135	136	2330.33	2249.96	2334.13	0	0
ND-3	152	153.3	2331.39	2247.15	2333.94	1563.78	0
ND-3	187.6	189	2341.47	2250.98	2335	0	2195.91
ND-3	194	196.1	2332.64	2251.27	0	0	2197.2
ND-3	251	252	2327.33	2249.58	2332.22	0	0
ND-3	252.2	254.4	2326.82	2251.23	2329.19	0	2194.77
ND-3	199	201.2	2332.88	2250.6	2334.28	0	2198.67
ND-3	230.9	232.6	2326.85	2249.79	2332.63	0	0
ND-3	330	334	2330.95	2250.84	2331.46	0	2194.18
ND-3	337.8	340.8	2334.94	2251.68	2331	0	2194.47
ND-3	346	348	2329.69	2251.5	2327.41	0	2194.66
ND-3	352	354	0	2250.97	2330.07	0	2194.06

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
ND-2	235	240	0.06	11.72	85.16	3.13	0
ND-2	275	279	0.17	0.15	49.92	49.92	0
ND-2	293	298	0.12	0.26	47.24	51.97	0.52
ND-2	72.8	74	0.05	9.52	71.43	19.05	0
ND-2	205	207.3	0.09	0	97.17	2.83	0
ND-2	153	154.9	0.05	0	100	0	0
ND-2	531	535	0	0	0	0	0
ND-2	551.3	553	0.1	0	22.22	77.78	0
ND-2	585	586	0.11	0	46.63	53.37	0
ND-2	624.2	632.3	0.27	3.4	91.44	5.04	0.13
ND-2	371	373	0.22	0	36.09	54.44	9.47
ND-2	477.9	482	0.06	0	47.37	52.63	0
ND-2	482	484	0	0	0	0	0
ND-2	529	531	0.05	0	100	0	0
ND-2	536	540	0	0	0	0	0
ND-2	540	544	0	0	0	0	0
ND-2	632.3	636	0.23	0	94.29	5.71	0
ND-3	75	77.4	0.19	0	93.94	6.06	0
ND-3	77.4	78.4	0	0	0	0	0
ND-3	78.4	79.4	0	0	0	0	0
ND-3	115	116	0	0	0	0	0
ND-3	135	136	0.03	0	0	0	0
ND-3	152	153.3	0	0	0	0	0
ND-3	187.6	189	0.14	1.69	91.53	6.78	0
ND-3	194	196.1	0.17	0	94.87	5.13	0
ND-3	251	252	0.03	0	0	0	0
ND-3	252.2	254.4	0.25	0	100	0	0
ND-3	199	201.2	0.24	0.02	95.39	4.59	0
ND-3	230.9	232.6	0.01	0	0	0	0
ND-3	330	334	0.54	0.96	99.04	0	0
ND-3	337.8	340.8	0.44	0	99.34	0.66	0
ND-3	346	348	0.44	4.55	95.45	0	0
ND-3	352	354	0.58	0.56	99.44	0	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
ND-2	235	240	0	2250.52	0.03	34.01	65.94	0.02
ND-2	275	279	0	2250.1	0	49.05	50.95	0
ND-2	293	298	0	2251	0	29.74	70.02	0.24
ND-2	72.8	74	0	2248.37	0.87	69.48	29.64	0
ND-2	205	207.3	0	2247.71	0.03	96.76	3.21	0
ND-2	153	154.9	0	2250.43	0.07	28.92	71.01	0
ND-2	531	535	0	2248.61	0	96.8	3.2	0
ND-2	551.3	553	0	2249.01	0.21	73.8	25.99	0
ND-2	585	586	0	2250.06	0	59.24	40.69	0.07
ND-2	624.2	632.3	0	2249.47	0.02	72.22	27.75	0.01
ND-2	371	373	0	2249.41	0	77.64	22.35	0.01
ND-2	477.9	482	0	2249.62	0	67.08	32.92	0
ND-2	482	484	0	2248.75	0.05	90.05	9.91	0
ND-2	529	531	0	2248.54	0.03	81.67	18.27	0.03
ND-2	536	540	0	2248.79	0.48	75.77	23.74	0
ND-2	540	544	0	2249.38	0.36	60.84	38.8	0
ND-2	632.3	636	0	2249.31	0	77.02	22.98	0
ND-3	75	77.4	0	2251.27	0.01	19.24	80.1	0.65
ND-3	77.4	78.4	0	2250.81	0.01	22.6	77.33	0.07
ND-3	78.4	79.4	0	2250.66	0.05	25.68	74.26	0.02
ND-3	115	116	0	2249.21	0.02	68.44	31.53	0.01
ND-3	135	136	0	2249.17	0.07	66.07	33.75	0.1
ND-3	152	153.3	0	2249.9	0.1	46.61	53.27	0.02
ND-3	187.6	189	0	2250.9	0.07	27.37	72.34	0.23
ND-3	194	196.1	0	2251.81	0.08	14.32	84.52	1.08
ND-3	251	252	0	2253.36	0.07	5.67	90.17	4.1
ND-3	252.2	254.4	0	2252.77	0.12	9.35	87.79	2.74
ND-3	199	201.2	0	2251.72	0.12	15.15	84.11	0.62
ND-3	230.9	232.6	0	2251.46	1.13	25.36	69.85	3.67
ND-3	330	334	0	2252.32	0	5.37	94.48	0.15
ND-3	337.8	340.8	0	2252.28	0.02	5.91	93.85	0.22
ND-3	346	348	0	2251.99	0	4.66	95.27	0.06
ND-3	352	354	0	2251.49	0	14.03	85.93	0.04

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
ND-2	235	240	0	0	0	0
ND-2	275	279	2356.68	2202.66	0.63	1.1
ND-2	293	298	0	0	0	0
ND-2	72.8	74	2356.96	2204.03	1.26	1.39
ND-2	205	207.3	2353.82	2204.04	1.47	1.41
ND-2	153	154.9	0	0	0	0
ND-2	531	535	0	0	0	0
ND-2	551.3	553	0	0	0	0
ND-2	585	586	0	0	0	0
ND-2	624.2	632.3	0	0	0	0
ND-2	371	373	0	0	0	0
ND-2	477.9	482	0	0	0	0
ND-2	482	484	0	0	0	0
ND-2	529	531	0	0	0	0
ND-2	536	540	0	0	0	0
ND-2	540	544	0	0	0	0
ND-2	632.3	636	0	0	0	0
ND-3	75	77.4	0	0	0	0
ND-3	77.4	78.4	0	0	0	0
ND-3	78.4	79.4	0	0	0	0
ND-3	115	116	0	0	0	0
ND-3	135	136	0	0	0	0
ND-3	152	153.3	0	0	0	0
ND-3	187.6	189	0	0	0	0
ND-3	194	196.1	0	0	0	0
ND-3	251	252	0	0	0	0
ND-3	252.2	254.4	0	0	0	0
ND-3	199	201.2	0	0	0	0
ND-3	230.9	232.6	0	0	0	0
ND-3	330	334	0	0	0	0
ND-3	337.8	340.8	0	0	0	0
ND-3	346	348	0	0	0	0
ND-3	352	354	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
ND-3	382.7	385.1	72182	6.29	0	0	40.38	6.14
ND-3	385.8	387	46950	4.78	0.29	0.11	13.61	10.46
ND-3	387	388.2	40909	6.7	0.01	0.02	10.67	7.4
ND-3	388.2	390	45724	7.89	0.22	0.03	47.65	16.07
ND-3	407	409	33356	2.42	0.02	0	86.5	6.39
RR-1	8.1	13.5	179222	6.14	0.12	0.11	12.1	3.33
RR-1	13.5	18	141934	2.3	0.02	0	52.5	6.12
RR-1	18	28.5	298354	2.67	0.01	0	62.01	10.57
RR-1	28.5	33.5	163528	4.47	0.11	0	15.2	9.87
RR-1	45	52	250711	1.28	0.02	0	54.84	10.42
RR-1	54	60	191743	1.92	0.01	0	38.25	7.62
RR-1	103	110.4	261583	3.53	0.28	0	6.23	2.89
RR-1	110	112	57420	4.47	0.28	0	15.86	1.84
RR-1	119	126	230032	4.53	0.9	0	12.71	2.55
RR-1	187	192	170198	1.81	0.1	0	8.45	2.01
RR-1	216	222	195514	5.11	0.43	0	16.95	1.35
RR-1	239	243	139862	9.96	2.7	0	18.6	3.34
RR-1	247.5	254	203831	7.86	0.88	0	19.1	2.36
RR-1	276	286.2	360284	9.06	0.58	0.01	24.12	6.59
RR-1	321	327	178549	11.06	0.52	4.84	26.09	1.92
RR-1	376	385	321913	10.99	0.83	0	32.74	10.62
RR-1	428	436	265915	6.56	0.14	0	33.17	1.83
RR-1	643	649.2	224360	1.81	0	0	52.53	0.47
RR-1	690	693.3	104305	1.53	0	0	84.67	0.01
RR-1	693.3	700	222356	1.07	0	0	83.9	0.11
RR-1	700	706	199037	3.69	0	0.13	62.74	2.07
RR-1	706	711	176070	1.63	0	0	84.17	0.1
RR-1	711	715	127385	2.13	0.01	0	80.89	0.09
RR-1	838	844	191666	21.11	10.39	5.6	16.31	1.99
RR-1	890	895	171240	6.06	0.18	0	45.65	4.8
RR-1	895	899	147348	3.82	0.01	0	66.64	1.91
RR-1	899.4	900.1	9979	39.14	0	0	25.64	1.47
RR-1	900.1	907.9	163060	7.57	0.19	0.01	62.99	5.1

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
ND-3	382.7	385.1	0.11	0.24	5.14	5.87	51.64	0.08
ND-3	385.8	387	0.02	0.71	8.72	11.06	71.27	0.14
ND-3	387	388.2	0	0.19	0.01	0.29	83.2	0.29
ND-3	388.2	390	0.03	0.44	0.17	0.33	38.71	2.1
ND-3	407	409	0.04	1.9	0.52	0.96	24.29	0.02
RR-1	8.1	13.5	0.1	0.22	3.15	3.84	79.74	0.16
RR-1	13.5	18	0	0.77	0.74	0.99	79.14	0.33
RR-1	18	28.5	0	1.02	5.17	4.96	58.62	0.3
RR-1	28.5	33.5	0	0.11	3.4	0.62	84.34	0.17
RR-1	45	52	0	0.22	1.52	0	84.49	0.24
RR-1	54	60	0.01	0.77	3.25	0.06	78.31	0.09
RR-1	103	110.4	0	0.06	3.97	1.86	88.03	0.16
RR-1	110	112	0	0.11	3.48	1.32	82.5	0.16
RR-1	119	126	0.03	0.03	1.23	0.14	89.51	0.18
RR-1	187	192	0.06	0.21	1.87	0.35	93.38	0.03
RR-1	216	222	0.04	0.2	6.53	0.07	80.97	0.09
RR-1	239	243	0.67	0.61	1.53	0.32	76.84	0.16
RR-1	247.5	254	0.31	0.57	2.17	1.06	77.28	0.17
RR-1	276	286.2	0.07	0.72	5.23	1.31	66.23	0.21
RR-1	321	327	0.94	0.1	9.3	4.34	56.92	2.46
RR-1	376	385	0.09	3.25	0.83	0.69	63.54	0.03
RR-1	428	436	0.51	0.27	1.43	1.8	66.37	0.02
RR-1	643	649.2	0	0.12	0.13	2.01	79.08	0
RR-1	690	693.3	0.02	0.02	0	1.75	37.73	0
RR-1	693.3	700	0	0.01	0	1.31	49.93	0.03
RR-1	700	706	0.3	0.21	0.32	0.04	67.41	0.23
RR-1	706	711	0	0.12	0	0	78.75	0
RR-1	711	715	0.02	0.07	0	0.17	66.61	0
RR-1	838	844	4.06	1.67	1.08	3.48	49.32	3.03
RR-1	890	895	0	7.17	0.14	0.1	68.31	0.01
RR-1	895	899	0	3.57	0.01	0	61.87	0.01
RR-1	899.4	900.1	0	0.05	0	0	48.16	0.27
RR-1	900.1	907.9	0.13	1.75	0.06	0.11	47	0.05

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
ND-3	382.7	385.1	0.09	0.07	0	0	11.36	0.03
ND-3	385.8	387	0.01	0.02	0	0	0.01	0
ND-3	387	388.2	0	0.05	0	0	0	0.01
ND-3	388.2	390	0.01	0.09	0	0	0.01	0
ND-3	407	409	0	0.04	0	0	0.16	0
RR-1	8.1	13.5	0	0	0	0	0.58	0.06
RR-1	13.5	18	0.01	0.01	0	0	0.03	0
RR-1	18	28.5	0	0	0	0	0.01	0
RR-1	28.5	33.5	0.01	0	0	0	0	0
RR-1	45	52	1	0.01	0	0	0	0
RR-1	54	60	1.58	0.02	0	0	0.42	0
RR-1	103	110.4	0.07	0	0.02	0	0.86	0.03
RR-1	110	112	0.18	0	0.01	0	0.02	0.01
RR-1	119	126	0	0	0	0	0	0
RR-1	187	192	0.16	0	0.01	0	0.23	0.2
RR-1	216	222	0.02	0	0	0	0.88	0
RR-1	239	243	0	0	0	0	0	0
RR-1	247.5	254	0.02	0.02	0.04	0	0.48	0.02
RR-1	276	286.2	0.01	0	0	0	0.25	0.01
RR-1	321	327	0.01	0	0.01	0	0.12	0
RR-1	376	385	0	0.04	0	0	0.02	0
RR-1	428	436	0	0.01	0	0	0.56	0.03
RR-1	643	649.2	0	0.08	0.05	0	0.13	0
RR-1	690	693.3	0	0.08	0	0	0.58	0
RR-1	693.3	700	0	0.01	0	0	0.11	0
RR-1	700	706	0	0.04	0.02	0	0.39	0
RR-1	706	711	0	0.12	0	0	0.03	0
RR-1	711	715	0	0.22	0	0	0.13	0
RR-1	838	844	0	0	0	0	0.05	0
RR-1	890	895	0.01	0.12	0	0	0.02	0
RR-1	895	899	0	0.01	0.01	0	0.09	0
RR-1	899.4	900.1	0	0.14	0	0	0.15	0
RR-1	900.1	907.9	0	0.03	0	0	0.05	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
ND-3	382.7	385.1	0.39	0	0	0	0.03	7.38	0
ND-3	385.8	387	0.27	0	0	0	0	4.31	0
ND-3	387	388.2	0.41	0	0	0	0	1.37	0
ND-3	388.2	390	0.24	0	0	0	0	2.18	0
ND-3	407	409	0.17	0	0	0	0	1.06	0
RR-1	8.1	13.5	0.45	0	0	0	0	0.01	0
RR-1	13.5	18	0.73	0	0	0	0	0.35	0
RR-1	18	28.5	0.25	0	0	0	0	0.06	0
RR-1	28.5	33.5	0.36	0	0	0	0	0.06	0
RR-1	45	52	0.14	0	0	0	0	0.19	0
RR-1	54	60	0.11	0	0	0	0	3.66	0
RR-1	103	110.4	0.39	0	0	0	0	1.81	0
RR-1	110	112	0.34	0	0	0	0	7.15	0
RR-1	119	126	0.36	0	0	0	0	0.04	0
RR-1	187	192	0.36	0	0	0	0.01	5.35	0
RR-1	216	222	0.33	0	0	0	0	0.74	0
RR-1	239	243	0.22	0	0	0	0	1.99	0
RR-1	247.5	254	0.39	0	0	0	0	3.74	0
RR-1	276	286.2	0.4	0	0	0	0	0.96	0
RR-1	321	327	0.2	0.05	0	0	0	3.45	0
RR-1	376	385	0.13	0	0	0	0	1.89	0
RR-1	428	436	0.18	0	0	0	0	18.06	0
RR-1	643	649.2	0.08	0	0	0	0	52.05	0
RR-1	690	693.3	0.05	0	0	0	0	73.11	0
RR-1	693.3	700	0.1	0	0	0	0	68.65	0
RR-1	700	706	0.19	0	0	0	0	24.15	0
RR-1	706	711	0.09	0	0	0	0	20.92	0
RR-1	711	715	0.02	0	0	0	0	43.85	0
RR-1	838	844	0.04	0.01	0	0	0	0.09	0
RR-1	890	895	0.22	0	0	0	0	0.73	0
RR-1	895	899	0.17	0	0	0	0	9.23	0
RR-1	899.4	900.1	0.2	0	0	0	0	0.44	0
RR-1	900.1	907.9	0.51	0	0	0	0	4.22	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
ND-3	382.7	385.1	2326.64	2251.41	2330.88	0	2195.6
ND-3	385.8	387	2318.1	2251.47	2327.88	0	2196.59
ND-3	387	388.2	2321.89	2252.32	2332.55	0	2196.42
ND-3	388.2	390	2324.88	2251.36	2334.73	0	2193.88
ND-3	407	409	2326.89	2250.73	2333.49	0	2196.49
RR-1	8.1	13.5	2335.94	2251.67	2328.99	0	2194.54
RR-1	13.5	18	2336.34	2250.67	2330.01	0	2195.09
RR-1	18	28.5	2335.55	2251.05	2329.93	0	2196.46
RR-1	28.5	33.5	2339.66	2250.98	2332.71	1540	2196.19
RR-1	45	52	2331.95	2251.21	2334.02	1550.53	2196.08
RR-1	54	60	2332.25	2250.85	2334.72	1550.31	2191.98
RR-1	103	110.4	2340.17	2251.38	2333.81	1557.79	2195.52
RR-1	110	112	2336.83	2250.65	2334.17	1554.49	2197.46
RR-1	119	126	2343.13	2251.28	2333.21	1567.03	2196.38
RR-1	187	192	2337.38	2250.74	2334.24	1557.41	2192.52
RR-1	216	222	2339.75	2250.73	2334.12	1550.53	2192.67
RR-1	239	243	2336.55	2250.8	2334.39	0	2193.01
RR-1	247.5	254	2335.94	2250.41	2333.98	0	2192.69
RR-1	276	286.2	2336.04	2250.84	2333.12	1555	2195.89
RR-1	321	327	2322.17	2252.27	2333.32	0	2194
RR-1	376	385	2332.81	2251.14	2332.37	0	2194.57
RR-1	428	436	2330.96	2250.99	2330.69	0	2194.52
RR-1	643	649.2	2335.95	2250.6	2337.78	0	2198.26
RR-1	690	693.3	0	2251.19	2340.29	0	2199.94
RR-1	693.3	700	2345.15	2250.62	2341.04	0	2199.89
RR-1	700	706	2312.36	2250.8	2335.98	0	2198.77
RR-1	706	711	2336.79	2250.35	0	0	2197.94
RR-1	711	715	2333.06	2250.71	2337.53	0	2199.29
RR-1	838	844	2324.55	2248.13	2323.77	1532	2198.66
RR-1	890	895	2331.88	2249.54	2330.26	0	2197.33
RR-1	895	899	2332.88	2249.6	2337.27	0	2196.32
RR-1	899.4	900.1	0	2254.64	0	0	2195.79
RR-1	900.1	907.9	2324.37	2249.99	2331.93	0	2196.21

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
ND-3	382.7	385.1	0.15	2.31	97.56	0.13	0
ND-3	385.8	387	0.12	0	99.45	0.55	0
ND-3	387	388.2	0.17	0	100	0	0
ND-3	388.2	390	0.14	3.23	96.77	0	0
ND-3	407	409	0.14	0	100	0	0
RR-1	8.1	13.5	0.05	11.11	77.78	11.11	0
RR-1	13.5	18	0.09	5.08	94.92	0	0
RR-1	18	28.5	0.17	4.55	93.64	1.82	0
RR-1	28.5	33.5	0.26	1.79	94.64	3.57	0
RR-1	45	52	0.08	5.17	94.83	0	0
RR-1	54	60	0.44	65.27	33.84	0.89	0
RR-1	103	110.4	0.43	18.33	79.11	2.48	0.07
RR-1	110	112	0.42	0.46	98.79	0.57	0.18
RR-1	119	126	0.03	33.33	50	16.67	0
RR-1	187	192	0.17	46.01	53.11	0.89	0
RR-1	216	222	0.18	39.88	59.81	0.31	0
RR-1	239	243	0.15	29.26	70.22	0.52	0
RR-1	247.5	254	0.18	37.48	61.18	1.31	0
RR-1	276	286.2	0.13	4.25	93.04	2.58	0.14
RR-1	321	327	0.26	9.34	90.52	0.14	0
RR-1	376	385	0.16	3.93	94.32	1.75	0
RR-1	428	436	0.3	3.73	96.08	0.18	0.01
RR-1	643	649.2	0.21	0.03	83.54	16.36	0.07
RR-1	690	693.3	0.2	0.01	49.98	49.81	0.2
RR-1	693.3	700	0.19	0.01	53.17	46.7	0.11
RR-1	700	706	0.2	0.1	81.96	17.92	0.02
RR-1	706	711	0.18	0.03	99.09	0.87	0.01
RR-1	711	715	0.2	0.03	69.43	30.52	0.02
RR-1	838	844	0.13	3.17	63.49	33.33	0
RR-1	890	895	0.12	1.51	94.31	3.85	0.33
RR-1	895	899	0.24	0.07	99.9	0.03	0
RR-1	899.4	900.1	0.11	2.17	93.48	4.35	0
RR-1	900.1	907.9	0.18	1.21	98.04	0.75	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
ND-3	382.7	385.1	0	2252.68	0.04	8.88	90.48	0.6
ND-3	385.8	387	0	2252.33	0	5.93	93.37	0.7
ND-3	387	388.2	0	2253.16	0	0.57	99.02	0.41
ND-3	388.2	390	0	2252.93	0.01	2.6	97.08	0.31
ND-3	407	409	0	2251.11	0.13	22.49	76.91	0.47
RR-1	8.1	13.5	0	2251.25	0.01	13.59	86.39	0.01
RR-1	13.5	18	0	2250.7	0	28.09	71.9	0
RR-1	18	28.5	0	2250.63	0.03	28.26	71.71	0.01
RR-1	28.5	33.5	0	2251.55	0	7.43	92.57	0
RR-1	45	52	0	2250.88	0.01	18.4	81.59	0
RR-1	54	60	0	2251.01	0.01	16.57	83.39	0.03
RR-1	103	110.4	0	2252.48	0	1.3	98.69	0.02
RR-1	110	112	0	2251.87	0.07	5.16	94.75	0.02
RR-1	119	126	0	2252	0	5.19	94.79	0.02
RR-1	187	192	0	2251.99	0	6.7	93.29	0.01
RR-1	216	222	0	2252.28	0	3.25	96.75	0
RR-1	239	243	0	2251.99	0.01	4.9	95.03	0.06
RR-1	247.5	254	0.04	2252.91	0.01	3.05	96.85	0.09
RR-1	276	286.2	0	2251.99	0.01	5.77	94.16	0.05
RR-1	321	327	0	2253.08	0	4.42	94.69	0.88
RR-1	376	385	0	2251.93	0.03	8.32	91.6	0.05
RR-1	428	436	0	2252.36	0	6	93.89	0.11
RR-1	643	649.2	0	2252.18	0.01	5.44	94.2	0.35
RR-1	690	693.3	0.01	2252.8	0.02	3.74	95.39	0.85
RR-1	693.3	700	0	2252.48	0.02	6.82	92.23	0.94
RR-1	700	706	0	2252.24	0.01	6.51	93.08	0.4
RR-1	706	711	0	2252.14	0.01	6.78	92.98	0.24
RR-1	711	715	0	2251.55	0.04	15.95	83.52	0.49
RR-1	838	844	0	2249.07	0.07	76.26	23.66	0.01
RR-1	890	895	0	2249.5	0.02	65.05	34.91	0.02
RR-1	895	899	0	2251.81	0.01	11.24	88.62	0.13
RR-1	899.4	900.1	0	2254.24	0	0	100	0
RR-1	900.1	907.9	0	2252.37	0	16.93	82.4	0.67

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
ND-3	382.7	385.1	0	0	0	0
ND-3	385.8	387	0	0	0	0
ND-3	387	388.2	0	0	0	0
ND-3	388.2	390	0	0	0	0
ND-3	407	409	0	0	0	0
RR-1	8.1	13.5	0	0	0	0
RR-1	13.5	18	0	0	0	0
RR-1	18	28.5	0	0	0	0
RR-1	28.5	33.5	0	0	0	0
RR-1	45	52	0	0	0	0
RR-1	54	60	0	0	0	0
RR-1	103	110.4	0	0	0	0
RR-1	110	112	0	0	0	0
RR-1	119	126	0	0	0	0
RR-1	187	192	2354.78	2203.5	0.57	1.39
RR-1	216	222	0	0	0	0
RR-1	239	243	0	0	0	0
RR-1	247.5	254	0	0	0	0
RR-1	276	286.2	0	0	0	0
RR-1	321	327	0	0	0	0
RR-1	376	385	0	0	0	0
RR-1	428	436	0	0	0	0
RR-1	643	649.2	0	0	0	0
RR-1	690	693.3	0	0	0	0
RR-1	693.3	700	0	0	0	0
RR-1	700	706	0	0	0	0
RR-1	706	711	0	0	0	0
RR-1	711	715	0	0	0	0
RR-1	838	844	0	0	0	0
RR-1	890	895	0	0	0	0
RR-1	895	899	0	0	0	0
RR-1	899.4	900.1	0	0	0	0
RR-1	900.1	907.9	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
RR-1	910.2	915.2	167622	11.03	7.74	1.39	25.3	1.83
RR-1	922.9	928	154327	3.27	0.01	0.12	11.36	0.75
RR-1	944.1	950.1	190484	2.84	0	0	27.31	0.42
RR-1	951.4	958.1	223438	5.06	0	0	30.29	0.55
RR-1	958.1	964.3	204806	2.04	0	0	22.79	0.05
RR-1	972	977.5	198277	2.96	0	0	61.05	0.04
RR-1	995.5	998.5	101817	3.44	0	0	23.18	1.96
RR-1	998.5	1006.5	256271	5.58	0.01	0	6.86	1.13
RR-1	1018.1	1024	208496	15.01	2.38	0.03	31.23	5.58
RR-1	1024	1030	209662	11.47	5.85	0.45	28.4	4.17
RR-1	1042	1047.5	191343	23.25	19.52	2.58	7.3	0.21
RR-1	1060	1066	183423	25.51	18.71	0.82	18.54	1.64
RR-1	1070.3	1077.3	233698	12.78	7.05	0.13	25.76	2.85
RR-1	1098.4	1107.4	297254	12.32	37.75	3.07	27.63	0.9
RR-1	1130	1138	279256	8.13	27.6	23.64	18.84	2.69
RR-1	1163	1171	252517	10.86	29.72	8.25	23.77	2.82
RR-1	1171	1177	189426	8.98	12.34	1.34	15.84	15.96
RR-1	1177	1182	138665	10.36	33.55	3.83	52.47	6.14
RR-1	1190	1195	124136	11.5	32.23	8.66	51.54	7.95
RR-1	1182	1190	212903	10.15	11.24	1.42	62.71	9.87
RR-1	1195	1200	144590	11.49	24.63	5.83	30.3	7.1
RR-1	1200	1205	110587	13.96	28.26	5.18	41.24	12.13
RR-1	1205	1210	167524	8.11	48.11	6.62	34.32	9.02
RR-1	1293.9	1303.5	304806	4.6	0.01	0	13.11	3.44
RR-1	1303.5	1304	13123	17.11	0.04	0	35.34	8.26
RR-1	1304	1312	256877	12.12	42.93	13.1	11.71	1.94
RR-1	1312	1320	263516	5.26	8.51	0.01	49.48	14.21
RR-1	1342	1350	275269	10.56	9.37	4.62	25.46	8.03
RR-1	1428	1433	165775	7.05	1.42	0	6.47	11.2
RR-1	1433	1438	169201	4.34	0.26	0	13.12	8.1
RR-1	1438	1446	269517	11.36	0.07	0	39.14	5.24
RR-1	1476	1482	193735	9.9	21.55	5.67	45.6	10.04
RR-1	1544	1552	261113	11.94	24.11	5.64	36.16	4.99

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
RR-1	910.2	915.2	0.6	4.12	0.5	0.01	71.78	0.32
RR-1	922.9	928	0	0.01	0.05	0	90.64	0.13
RR-1	944.1	950.1	0	0.03	0.12	0.25	89.67	0.03
RR-1	951.4	958.1	0.01	0.03	0.03	0	86.11	0.03
RR-1	958.1	964.3	0.08	0.03	0.48	0	88.16	0
RR-1	972	977.5	0.01	0	0	0.01	79.53	0.01
RR-1	995.5	998.5	0.01	1.27	0	0.05	87.24	0
RR-1	998.5	1006.5	0	0.51	0	0.62	91.12	0
RR-1	1018.1	1024	0.22	18.95	1.22	0	56.57	0.12
RR-1	1024	1030	0.06	20.02	0.17	0	53.4	0.28
RR-1	1042	1047.5	0.77	9.83	1.68	0	46.01	0.05
RR-1	1060	1066	3.21	7	0.85	0	35.6	0.05
RR-1	1070.3	1077.3	2.16	10.6	1.82	0	60.91	0.03
RR-1	1098.4	1107.4	2.86	21.4	0.26	0	27.34	2.09
RR-1	1130	1138	1.73	1.48	0.05	0	31	7.86
RR-1	1163	1171	3.17	2.61	0.03	0	39.58	4.64
RR-1	1171	1177	0.26	23.79	0.14	0	58.9	0.32
RR-1	1177	1182	1.71	15.13	0.01	0	15.32	1.97
RR-1	1190	1195	9.81	7.09	0.05	0	14.63	11.35
RR-1	1182	1190	1.96	3.97	0.07	0.01	19.27	2.32
RR-1	1195	1200	3.27	22.94	0.08	0	33.98	4.82
RR-1	1200	1205	2.73	12.9	0	0	23.1	3.12
RR-1	1205	1210	2	12	0	0	21.41	1.06
RR-1	1293.9	1303.5	0.01	0.05	0.01	0	90.98	0.11
RR-1	1303.5	1304	0.02	0.08	0.08	0	65.4	0.11
RR-1	1304	1312	2.32	1.21	0.78	0	37.17	5.69
RR-1	1312	1320	0	14.9	0.16	0	70.48	0.06
RR-1	1342	1350	1.2	0.25	0.06	0	64.75	3.36
RR-1	1428	1433	0	49.36	2.11	5.84	58.7	0
RR-1	1433	1438	0	22.61	1.12	2.14	79.8	0
RR-1	1438	1446	0	5.78	0.1	0.02	65.51	0.02
RR-1	1476	1482	4.45	7.85	0.03	0	42.58	7.42
RR-1	1544	1552	7.2	1.88	0.08	0	45.54	4.43

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
RR-1	910.2	915.2	0	0.04	0	0	0.06	0
RR-1	922.9	928	0	0	0.11	0	0.07	0
RR-1	944.1	950.1	0	0	0.05	0	0.02	0
RR-1	951.4	958.1	0	0	0.03	0	0.03	0.04
RR-1	958.1	964.3	0	0	0.04	0	0.09	0
RR-1	972	977.5	0	0	0.02	0	0.05	0
RR-1	995.5	998.5	0.02	0.06	0.41	0	0.19	0
RR-1	998.5	1006.5	0.08	0.01	0.02	0	0.06	0
RR-1	1018.1	1024	1.76	0.04	0	0	0	0
RR-1	1024	1030	0.06	0.03	0	0	1.16	0.01
RR-1	1042	1047.5	2.5	0	0	0	0.02	0
RR-1	1060	1066	3.84	0	0	0	0	0.02
RR-1	1070.3	1077.3	6.34	0	0	0	0.27	0
RR-1	1098.4	1107.4	0	0.02	0	0	0	0
RR-1	1130	1138	0.01	0.01	0.01	0	0.13	0.02
RR-1	1163	1171	0	0.01	0	0	1.35	0
RR-1	1171	1177	0.06	0.07	0	0	0.01	0.08
RR-1	1177	1182	0	0.01	0	0	2	0.09
RR-1	1190	1195	0	0.03	0	0	0.08	0.01
RR-1	1182	1190	0	0.03	0	0	0.39	0
RR-1	1195	1200	0	0.06	0	0	0	0.03
RR-1	1200	1205	0	0.06	0	0	0.21	0
RR-1	1205	1210	0	0.07	0	0	0.04	0
RR-1	1293.9	1303.5	0	0	0	0	0.37	0
RR-1	1303.5	1304	0	0.02	0	0.01	0.43	0.01
RR-1	1304	1312	0.24	0	0	0	0.2	0.01
RR-1	1312	1320	0	0.02	0	0	0	0
RR-1	1342	1350	0.34	0.01	0	0	0.4	0.05
RR-1	1428	1433	0	0.01	0	0	0.07	0
RR-1	1433	1438	0.49	0.02	0	0	0.05	0
RR-1	1438	1446	0	0.21	0	0	0.53	0
RR-1	1476	1482	0	0.05	0	0	0.02	0
RR-1	1544	1552	0.03	0.01	0	0	0	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
RR-1	910.2	915.2	0.16	0	0	0	0	0.64	0
RR-1	922.9	928	0.51	0	0	0	0	45.41	0
RR-1	944.1	950.1	1	0	0	0	0	18.26	0
RR-1	951.4	958.1	0.96	0	0	0	0	17.28	0
RR-1	958.1	964.3	0.55	0	0	0	0	67.73	0
RR-1	972	977.5	0.24	0	0	0	0.2	48.91	0
RR-1	995.5	998.5	0.33	0	0	0	0	36.94	0
RR-1	998.5	1006.5	0.43	0	0	0	0	23.51	0
RR-1	1018.1	1024	0.06	0.01	0	0	0.9	0.01	0
RR-1	1024	1030	0.3	0	0	0	8.7	0.04	0
RR-1	1042	1047.5	0.05	0.02	0	0	1.36	0.24	0
RR-1	1060	1066	0.03	0.03	0	0	0	0.13	0
RR-1	1070.3	1077.3	0.02	0.02	0	0	0.43	0.04	0
RR-1	1098.4	1107.4	0.03	0.01	0	0	0	0.79	0
RR-1	1130	1138	0.27	0	0	0.05	16.5	5.5	0
RR-1	1163	1171	0.2	0	0	0	11.51	0.03	0
RR-1	1171	1177	0.09	0	0	0	0.31	0.78	0
RR-1	1177	1182	0.07	0.01	0	0	0.87	0	0
RR-1	1190	1195	0.05	0	0	0	0.01	0.03	0
RR-1	1182	1190	0.14	0	0	0	8.35	0.2	0
RR-1	1195	1200	0.16	0	0	0	0	0.04	0
RR-1	1200	1205	0.4	0	0	0	0.4	0	0
RR-1	1205	1210	0.16	0	0	0	2.06	0	0
RR-1	1293.9	1303.5	0.55	0	0	0	0.01	1.56	0
RR-1	1303.5	1304	0.18	0	0.01	0	0	0	0
RR-1	1304	1312	0.03	0	0	0	0	0.32	0
RR-1	1312	1320	0.11	0	0	0	0	0.01	0
RR-1	1342	1350	0.53	0	0	0	0.06	0.82	0
RR-1	1428	1433	0.03	0	0	0	0	0.71	0
RR-1	1433	1438	0.03	0	0	0	0	0.75	0
RR-1	1438	1446	0.29	0	0	0	0.03	3.66	0
RR-1	1476	1482	0.04	0.04	0	0	0	0.07	0
RR-1	1544	1552	0.05	0	0	0	0	0.04	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
RR-1	910.2	915.2	2320.02	2248.7	2335.83	1552	2198.35
RR-1	922.9	928	2338.2	2251.87	2335.95	0	2196.28
RR-1	944.1	950.1	2335.99	2250.37	2335.69	0	2196.8
RR-1	951.4	958.1	2338.43	2250.83	2336.49	0	2197.4
RR-1	958.1	964.3	2337.86	2249.63	2336.58	0	2197.87
RR-1	972	977.5	2338.14	2252.27	2334.17	0	2198.19
RR-1	995.5	998.5	2333.51	2250.18	2340	0	2198.23
RR-1	998.5	1006.5	2337.26	2250.39	2338.32	1549.1	2197.18
RR-1	1018.1	1024	2329.53	2249.04	2335.4	1550.4	2194.16
RR-1	1024	1030	2323.12	2248.7	2333.56	1551.44	2200
RR-1	1042	1047.5	2327.54	2248.88	2334.68	1556.61	2195.06
RR-1	1060	1066	2326.46	2249.14	2334.21	1553.94	2195.46
RR-1	1070.3	1077.3	2325.43	2248.96	2335.24	1551.24	2194.89
RR-1	1098.4	1107.4	2319.03	2247.4	2333.98	0	2196.95
RR-1	1130	1138	2313.88	2247.96	2328.44	1564	2197.95
RR-1	1163	1171	2314.01	2247.62	2334.06	0	2196.42
RR-1	1171	1177	2320.61	2247.97	2334.48	0	2197.7
RR-1	1177	1182	2315.35	2247.91	2330.95	1567.99	0
RR-1	1190	1195	2315.43	2248.61	2334.57	0	2195.9
RR-1	1182	1190	2316.39	2248.59	2330.1	0	2197.47
RR-1	1195	1200	2317.66	2248.22	2333.17	1563.35	2196.87
RR-1	1200	1205	2314.36	2247.98	0	0	0
RR-1	1205	1210	2316.38	2247.73	2333.51	0	0
RR-1	1293.9	1303.5	2342.79	2251.5	2336.29	1552	2195.58
RR-1	1303.5	1304	2332.9	2248.95	2312.91	0	0
RR-1	1304	1312	2313.77	2248.01	2333.13	1560.28	2194.65
RR-1	1312	1320	2320.81	2248.4	2333.32	0	2195.38
RR-1	1342	1350	2314.92	2248.67	2328.43	1558.59	2195.97
RR-1	1428	1433	2330.32	2247.93	2323.33	0	2207.27
RR-1	1433	1438	2331.36	2248.29	2325.38	1565.82	2204.04
RR-1	1438	1446	2330.45	2248.99	2333.42	0	2195.62
RR-1	1476	1482	2319.54	2248.38	2332.24	0	2197.93
RR-1	1544	1552	2319.7	2249.29	2334.24	0	2195.75

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
RR-1	910.2	915.2	0.09	5.87	58.47	34.99	0.45
RR-1	922.9	928	0.19	0.25	99.63	0.09	0.03
RR-1	944.1	950.1	0.14	1.1	98.41	0.49	0
RR-1	951.4	958.1	0.14	0.7	97.84	1.45	0.01
RR-1	958.1	964.3	0.25	0.04	96.58	3.28	0.11
RR-1	972	977.5	0.2	0.04	97.97	1.98	0.01
RR-1	995.5	998.5	0.23	0.03	95.62	4.32	0.03
RR-1	998.5	1006.5	0.23	0.38	98.92	0.7	0
RR-1	1018.1	1024	0.05	0	100	0	0
RR-1	1024	1030	0.03	0	50	50	0
RR-1	1042	1047.5	0.05	20.93	67.44	11.63	0
RR-1	1060	1066	0.06	1.59	96.83	1.59	0
RR-1	1070.3	1077.3	0.05	10.53	84.21	5.26	0
RR-1	1098.4	1107.4	0.22	3.74	94.16	2.1	0
RR-1	1130	1138	0.3	0.05	97.82	2.1	0.04
RR-1	1163	1171	0.14	0	89.36	10.64	0
RR-1	1171	1177	0.19	1.25	85.5	13.25	0
RR-1	1177	1182	0	0	0	0	0
RR-1	1190	1195	0.11	0	100	0	0
RR-1	1182	1190	0.14	0.34	97.63	1.69	0.34
RR-1	1195	1200	0.26	0	100	0	0
RR-1	1200	1205	0	0	0	0	0
RR-1	1205	1210	0	0	0	0	0
RR-1	1293.9	1303.5	0.12	2.76	96.75	0.49	0
RR-1	1303.5	1304	0	0	0	0	0
RR-1	1304	1312	0.29	0.13	99.87	0	0
RR-1	1312	1320	0.29	0	100	0	0
RR-1	1342	1350	0.13	2.02	97.37	0.61	0
RR-1	1428	1433	0.2	0	6.42	37.17	56.15
RR-1	1433	1438	0.16	0	6.71	80.82	12.47
RR-1	1438	1446	0.13	1.51	96.08	2.32	0.09
RR-1	1476	1482	0.1	0	95.24	4.76	0
RR-1	1544	1552	0.12	1.09	97.83	1.09	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
RR-1	910.2	915.2	0.23	2249.84	0.04	52.57	47.39	0
RR-1	922.9	928	0	2254.25	0	0.16	99.1	0.75
RR-1	944.1	950.1	0	2252.15	0	1.57	98.38	0.04
RR-1	951.4	958.1	0	2252.24	0.02	3.21	96.66	0.11
RR-1	958.1	964.3	0	2252.24	0.01	3.91	95.86	0.22
RR-1	972	977.5	0	2252.49	0.03	7.09	91.9	0.98
RR-1	995.5	998.5	0	2252.38	0.01	10.31	89.38	0.3
RR-1	998.5	1006.5	0	2252.6	0.01	4.83	95.07	0.09
RR-1	1018.1	1024	0	2250.18	0.17	44.17	55.61	0.05
RR-1	1024	1030	0	2249.4	0.21	57.54	42.23	0.02
RR-1	1042	1047.5	0	2249.11	0.06	69.24	30.7	0
RR-1	1060	1066	0	2250.25	0.08	39.19	60.7	0.03
RR-1	1070.3	1077.3	0	2249.57	0.12	62.43	37.44	0.02
RR-1	1098.4	1107.4	0	2248.23	0.11	87.31	12.57	0
RR-1	1130	1138	0	2249.12	0.04	70.01	29.88	0.06
RR-1	1163	1171	0	2247.51	0.53	84.95	14.52	0
RR-1	1171	1177	0	2249.22	0.02	70.87	29.08	0.03
RR-1	1177	1182	0	2247.32	0.4	94.01	5.59	0
RR-1	1190	1195	0	2248.89	0	75.86	24.14	0
RR-1	1182	1190	0	2248.7	0.45	74.93	24.53	0.1
RR-1	1195	1200	0	2248.26	0.25	86.6	13.15	0
RR-1	1200	1205	0	2248.23	0	81.28	18.72	0
RR-1	1205	1210	0	2247.41	0.15	93.99	5.86	0
RR-1	1293.9	1303.5	0	2252.83	0	1.59	98.37	0.04
RR-1	1303.5	1304	0	2249.42	0	69.4	30.56	0.05
RR-1	1304	1312	0	2248.19	0.03	94.34	5.63	0
RR-1	1312	1320	0	2248.89	0.06	80.48	19.46	0
RR-1	1342	1350	0	2250.38	0	47.11	52.85	0.04
RR-1	1428	1433	0.27	2248.16	0.02	91.86	8.1	0.02
RR-1	1433	1438	0	2247.92	0.02	96.05	3.92	0
RR-1	1438	1446	0	2251.3	0.01	32.68	67	0.31
RR-1	1476	1482	0	2249.84	0	58.41	41.59	0
RR-1	1544	1552	0	2248.41	0.06	81.58	18.34	0.02

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
RR-1	910.2	915.2	0	0	0	0
RR-1	922.9	928	0	0	0	0
RR-1	944.1	950.1	0	0	0	0
RR-1	951.4	958.1	0	0	0	0
RR-1	958.1	964.3	0	0	0	0
RR-1	972	977.5	2354.39	2202.16	0.79	1.07
RR-1	995.5	998.5	0	0	0	0
RR-1	998.5	1006.5	0	0	0	0
RR-1	1018.1	1024	2354.72	2204.03	0.48	1.24
RR-1	1024	1030	2354.06	2204.13	0.67	1.15
RR-1	1042	1047.5	2353.96	2204.15	0.81	1.29
RR-1	1060	1066	0	0	0	0
RR-1	1070.3	1077.3	2358.12	2203.82	0.38	1.27
RR-1	1098.4	1107.4	0	0	0	0
RR-1	1130	1138	2357.96	2203.68	0.73	1.25
RR-1	1163	1171	2352.28	2204.61	0.55	1.36
RR-1	1171	1177	2355.04	2203.65	0.53	1.07
RR-1	1177	1182	2355.92	2203.51	0.62	1.1
RR-1	1190	1195	2355.15	2202.95	0.41	0.99
RR-1	1182	1190	2358.66	2202.99	0.81	1.1
RR-1	1195	1200	0	0	0	0
RR-1	1200	1205	2355.65	2203.88	0.51	1.13
RR-1	1205	1210	2355.6	2203.79	0.59	1.12
RR-1	1293.9	1303.5	0	0	0	0
RR-1	1303.5	1304	0	0	0	0
RR-1	1304	1312	0	0	0	0
RR-1	1312	1320	0	0	0	0
RR-1	1342	1350	2357.12	2202.93	0.62	1.05
RR-1	1428	1433	0	0	0	0
RR-1	1433	1438	0	0	0	0
RR-1	1438	1446	2356.84	2203.89	0.63	1.17
RR-1	1476	1482	0	0	0	0
RR-1	1544	1552	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
SS-4	39	46	270707	13.23	29.08	0.05	23.16	8
SS-4	46	54	300936	12.87	26.31	0.03	18.12	7.61
SS-4	54	56	79738	3.09	2.89	0	5.08	1.25
SS-4	56	66	448674	26.19	32.58	0.56	11.32	5.87
SS-4	66	76	401553	8.94	30.84	0.03	28.12	13.12
SS-4	76	84	347863	12.74	37.36	0	24.57	10.07
SS-4	84	86	78680	4.37	14.65	0.01	9.32	2.05
SS-4	86	90	167315	13.97	27.67	0.01	7.13	12.44
SS-4	90	102	515439	20.34	47.23	0.01	7.39	5
SS-4	102	112	428936	21.1	59.93	0.02	8.93	5.16
SS-4	112	122	405237	21.33	43.22	0	14.07	14.99
SS-4	122	132	428283	17.6	32.38	0.59	16.37	14.42
SS-4	132	142	389339	14.23	36.71	0.15	9.28	19.89
SS-4	144	148	180365	18.74	9.92	1.36	6.25	22.53
SS-4	148	154	252709	16.17	13.13	1.2	18.7	26.51
SS-4	156	159.5	141156	8.77	21.04	0.28	27.68	19.24
SS-4	159.5	162.5	120957	19.4	1.85	6.24	49.47	19.51
SS-4	162.5	165.5	119082	26.61	1.87	11.64	39.96	15.11
SS-4	165.5	167.5	79432	10.9	30.45	0.23	18.49	10.01
SS-4	167.5	171.2	141275	23.26	0.06	13.83	35.86	18.5
SS-4	171.2	173.5	88605	29.2	10.4	13.67	19.32	17.78
SS-4	173.5	181.4	310041	9.49	13.34	0.36	5.1	25.49
SS-4	181.4	185	150295	25.7	0.89	6.91	23.97	19.24
SS-4	185	189	177059	4.99	7.57	0.01	0.46	12.75
SS-4	189	192	132178	20.6	4.12	2.09	14.14	23.33
SS-4	192	197	218419	11.09	10	1.44	20.9	28.56
SS-4	197	200.5	154932	10.63	1.84	1.18	21.08	24.4
SS-4	200.8	202.5	78849	9.05	12.86	2.09	17.38	18.53
SS-4	202.5	207.5	233892	18.45	23.1	1.43	10.28	31.51
SS-4	207.5	214	259284	14.8	3.02	1.78	23.86	32.34
SS-4	214	218	154561	23.86	8.16	0.05	8.47	34.35
SS-4	218	221.5	156523	22.5	27.52	0.74	13.32	25.49
SS-4	221.5	224	104433	15.43	6.14	0.45	19.16	26.64

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
SS-4	39	46	0.07	1	4.32	0	43.86	9.54
SS-4	46	54	0.1	1.2	3.38	0	45.87	67.21
SS-4	54	56	0.01	0.16	3.69	0	88.16	25.84
SS-4	56	66	0.76	1.25	3.45	0.41	26.86	12.43
SS-4	66	76	0.07	1.16	2.77	0	44.26	0.71
SS-4	76	84	0.06	1.18	4.36	0	34.46	3.79
SS-4	84	86	0	0.3	0.85	0	78.98	20.61
SS-4	86	90	0.01	1.51	7.44	0	41.46	16.23
SS-4	90	102	0.24	1.21	1.61	0	20.33	4.08
SS-4	102	112	0.26	1.1	1.42	0.01	9.02	4.24
SS-4	112	122	0.19	2.17	1.31	0	15.06	0.78
SS-4	122	132	0.12	3.65	2.99	0	29.22	0.59
SS-4	132	142	0.3	8.22	2.51	0	36.83	0
SS-4	144	148	0.05	3.76	1.01	0.31	24.79	0
SS-4	148	154	0.18	7.38	4.3	0.02	40.26	0
SS-4	156	159.5	0.06	6.05	1.89	0.11	41.72	0
SS-4	159.5	162.5	0.71	1.89	0.32	0.04	5.74	0
SS-4	162.5	165.5	2.9	1.34	0.39	0.37	5.27	0
SS-4	165.5	167.5	0.06	5.64	2.17	0	45.87	0
SS-4	167.5	171.2	0.67	0.01	4.37	0.64	3.13	0
SS-4	171.2	173.5	1.26	2.98	0.76	0.15	16.25	0
SS-4	173.5	181.4	0.08	12.24	1.18	0	69.28	0
SS-4	181.4	185	0.18	0.88	3.96	0.83	23.47	0
SS-4	185	189	0	7.26	0.33	0	87.82	0
SS-4	189	192	0.05	2.16	1.81	0.02	40.57	0
SS-4	192	197	0.09	8.01	3.68	0.1	51.2	0
SS-4	197	200.5	0.03	4.98	2.33	0.04	56.1	0
SS-4	200.8	202.5	0.12	5.08	0.46	5.93	51.89	0
SS-4	202.5	207.5	0.14	7.96	1.5	0.11	36.31	0
SS-4	207.5	214	0.16	2.04	2.47	0.09	27.24	0
SS-4	214	218	0	1.29	1.3	0.18	37.4	0
SS-4	218	221.5	0.03	1.4	2.83	0.02	21.13	0
SS-4	221.5	224	0.01	3.49	1.53	0.16	35.73	0

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
SS-4	39	46	0.02	0.01	0	0	0.01	0
SS-4	46	54	0.22	0.01	0	0	0.03	0.04
SS-4	54	56	0.46	0	0.07	0	0	0
SS-4	56	66	0.24	0.13	0	0	0.06	0
SS-4	66	76	0.78	0.03	0	0	0.08	0
SS-4	76	84	0.12	0.02	0.04	0	0.01	0.03
SS-4	84	86	0.42	0	0	0	0.05	2.28
SS-4	86	90	0.1	0.05	0	0	0.01	0.04
SS-4	90	102	2.85	0	0.03	0	0.08	0.14
SS-4	102	112	0.03	0	0	0	0.01	0.01
SS-4	112	122	0.01	0.68	0	0	0.2	0.01
SS-4	122	132	0.38	0.16	0	0	0.5	0.02
SS-4	132	142	0.09	0.01	0	0	0	0
SS-4	144	148	0	0	0	0	0	0
SS-4	148	154	0	0.01	0	0	0.01	0.02
SS-4	156	159.5	0	0	0	0	0.02	0.13
SS-4	159.5	162.5	0	0.01	0	0	0.03	0
SS-4	162.5	165.5	0	0	0	0	0.02	0
SS-4	165.5	167.5	0	0	0	0	0.45	0.11
SS-4	167.5	171.2	0	0.08	0	0	0.04	0
SS-4	171.2	173.5	0	0.01	0	0	0.03	0
SS-4	173.5	181.4	0	0.02	0	0	0	0.17
SS-4	181.4	185	0	0	0	0	0.61	0
SS-4	185	189	0	0.03	0	0	0	0.2
SS-4	189	192	0.28	0	0	0	0.04	0.03
SS-4	192	197	0	0.02	0	0	0.41	0.01
SS-4	197	200.5	0.01	0.14	0	0	1.37	0.11
SS-4	200.8	202.5	0.07	0.03	0	0	0.07	0
SS-4	202.5	207.5	0.07	0.02	0	0	0	0.01
SS-4	207.5	214	0	0.01	0	0	1.5	0
SS-4	214	218	0.06	0.02	0	0	0.01	0
SS-4	218	221.5	0.03	0	0	0	0.24	0.02
SS-4	221.5	224	0	0.01	0	0	0.55	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
SS-4	39	46	0.1	1	0	0	0	0.08	0
SS-4	46	54	0.3	0.12	0	0	0	0.58	0
SS-4	54	56	0.25	0.03	0	0	0.06	5.46	0
SS-4	56	66	0.11	0.06	0	0	0.01	0.13	0
SS-4	66	76	0.29	0	0	0	0	0.03	0
SS-4	76	84	0.06	0.36	0	0	0	0.41	0
SS-4	84	86	0.31	0.09	0	0	0	1.54	0
SS-4	86	90	0.95	2.1	0	0	0.02	0.41	0
SS-4	90	102	0.43	0.1	0.01	0	0	0.09	0.03
SS-4	102	112	0.06	0.05	0	0	0.02	0.02	0
SS-4	112	122	0.06	0.01	0	0	0.02	0.17	0
SS-4	122	132	0.51	0	0	0	0.08	0.17	0
SS-4	132	142	0.1	0	0	0	0	0.47	0
SS-4	144	148	0.44	0	0	0	29.3	0.01	0
SS-4	148	154	0.29	0	0	0	0.02	0.68	0
SS-4	156	159.5	0.21	0	0	0	0	0.72	0
SS-4	159.5	162.5	0.02	0	0	0	0	0.01	0
SS-4	162.5	165.5	0.06	0	0	0	0	0.03	0
SS-4	165.5	167.5	0.13	0	0	0	0	0.06	0
SS-4	167.5	171.2	0.08	0	0	0	0	0.03	0
SS-4	171.2	173.5	0.05	0	0	0	0	0.47	0
SS-4	173.5	181.4	0.39	0	0	0	0	0.99	0
SS-4	181.4	185	0.16	0	0	0	0	0.66	0
SS-4	185	189	0.23	0	0	0	0	0.23	0
SS-4	189	192	0.61	0	0	0	0	2.15	0
SS-4	192	197	0.1	0	0	0	0.02	0.32	0
SS-4	197	200.5	0.36	0	0	0	3.17	1.49	0
SS-4	200.8	202.5	0.09	0	0	0	0.03	0.19	0
SS-4	202.5	207.5	0.19	0	0	0	0.48	0.3	0
SS-4	207.5	214	0.34	0	0	0	11.72	0.27	0
SS-4	214	218	0.56	0	0	0	1.73	1.23	0
SS-4	218	221.5	0.07	0	0	0	0	0.07	0
SS-4	221.5	224	0.23	0	0	0	17.45	0.2	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
SS-4	39	46	2331.89	2249.33	2332.13	1557.11	2193.15
SS-4	46	54	2332.62	2249.35	2333.05	1560.63	2194.92
SS-4	54	56	2328.6	2250.51	2335.28	1566.63	2194.67
SS-4	56	66	2328.92	2250.45	2331.01	1559.95	2194.34
SS-4	66	76	2329.6	2250.06	2333.13	1557.91	2194.53
SS-4	76	84	2334.47	2249.52	2332.32	1560.69	2194.34
SS-4	84	86	2318.46	2248.61	2333.81	1562.54	2194.46
SS-4	86	90	2331.56	2249.92	2332.28	1558.27	2195.15
SS-4	90	102	2339.6	2249.89	2329.31	1559.16	2196.49
SS-4	102	112	2344.57	2250.02	2330.85	1556.23	2194.23
SS-4	112	122	2342.34	2250.22	2332.93	1559.57	2194.96
SS-4	122	132	2332.98	2248.98	2332.39	1558.93	2195.02
SS-4	132	142	2327.16	2248.47	2329.62	1561.31	2194.42
SS-4	144	148	2321.34	2247.84	2331.13	0	2196.1
SS-4	148	154	2323.34	2248.27	2330.36	1564.15	2194.05
SS-4	156	159.5	2327.08	2248.44	2331.18	0	2193.29
SS-4	159.5	162.5	2326.54	2250.12	2331.07	0	0
SS-4	162.5	165.5	2326.24	2250.34	2329.59	0	2189.79
SS-4	165.5	167.5	2325.04	2248.7	2329.97	0	2195.21
SS-4	167.5	171.2	2325.12	2253.92	2333.1	0	2189.84
SS-4	171.2	173.5	2322.47	2248.92	2331.89	0	2195.9
SS-4	173.5	181.4	2332.86	2249.22	2327.96	0	2194.61
SS-4	181.4	185	2323.49	2251.11	2332.74	0	2194.24
SS-4	185	189	2334.92	2249.83	2326.09	0	2194.53
SS-4	189	192	2328.54	2250.19	2330.27	1564.46	2194.24
SS-4	192	197	2321.9	2247.89	2330.73	0	2193.38
SS-4	197	200.5	2317.98	2249.12	2333.6	0	2194.05
SS-4	200.8	202.5	2320.84	2248.83	2331.18	0	2195.31
SS-4	202.5	207.5	2324.78	2248.36	2330.94	1564.88	2195.36
SS-4	207.5	214	2320.5	2249.39	2333.53	1566.43	2196.71
SS-4	214	218	2339.76	2249.52	2335.75	1564.94	2196.29
SS-4	218	221.5	2334.28	2249.14	2333.7	1553.63	2195.48
SS-4	221.5	224	2319.41	2249.28	2334.13	1559.85	2197.01

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
SS-4	39	46	0.04	30.7	65.79	3.51	0
SS-4	46	54	0.06	5.76	92.75	1.49	0
SS-4	54	56	0.21	0.99	99.01	0	0
SS-4	56	66	0.07	12.77	85.96	1.28	0
SS-4	66	76	0.05	8.08	91.92	0	0
SS-4	76	84	0.08	4.58	95.42	0	0
SS-4	84	86	0.11	4	92	4	0
SS-4	86	90	0.08	6.57	90.91	2.53	0
SS-4	90	102	0.06	3.66	76.22	20.12	0
SS-4	102	112	0.05	12.12	87.88	0	0
SS-4	112	122	0.08	7.48	92.52	0	0
SS-4	122	132	0.05	10.5	88.24	1.26	0
SS-4	132	142	0.11	7.16	92.84	0	0
SS-4	144	148	0.02	0	100	0	0
SS-4	148	154	0.07	7	92.78	0.22	0
SS-4	156	159.5	0.07	14.58	85.42	0	0
SS-4	159.5	162.5	0.02	0	0	0	0
SS-4	162.5	165.5	0.02	100	0	0	0
SS-4	165.5	167.5	0.07	0	100	0	0
SS-4	167.5	171.2	0.01	100	0	0	0
SS-4	171.2	173.5	0.04	1.92	98.08	0	0
SS-4	173.5	181.4	0.08	6.55	93.45	0	0
SS-4	181.4	185	0.09	6.73	93.27	0	0
SS-4	185	189	0.07	2.82	97.18	0	0
SS-4	189	192	0.1	7.19	92.81	0	0
SS-4	192	197	0.05	17.17	81.82	1.01	0
SS-4	197	200.5	0.11	4.52	95.48	0	0
SS-4	200.8	202.5	0.19	0	97.62	2.38	0
SS-4	202.5	207.5	0.06	5.91	91.94	2.15	0
SS-4	207.5	214	0.16	0.29	99.42	0.29	0
SS-4	214	218	0.15	1.17	97.18	1.64	0
SS-4	218	221.5	0.07	0	100	0	0
SS-4	221.5	224	0.1	0	95.12	4.88	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
SS-4	39	46	0	2250.37	0.12	34.12	65.76	0
SS-4	46	54	0	2250.42	0.02	39.26	60.7	0.02
SS-4	54	56	0	2251.05	0.01	21.22	78.77	0.01
SS-4	56	66	0	2250.92	0.11	32.67	66.84	0.37
SS-4	66	76	0	2250.76	0.03	24.43	75.54	0.01
SS-4	76	84	0	2250.19	0.01	47.48	52.5	0
SS-4	84	86	0	2249.72	0.02	59.7	40.27	0.01
SS-4	86	90	0	2249.43	0.07	61.39	38.49	0.05
SS-4	90	102	0	2251.61	0.04	16.39	83.52	0.05
SS-4	102	112	0	2250.13	0.08	45.26	54.62	0.03
SS-4	112	122	0	2251.7	0	13.09	86.7	0.2
SS-4	122	132	0	2250.65	0.06	32.22	67.67	0.05
SS-4	132	142	0	2250.16	0.01	52.86	47.08	0.06
SS-4	144	148	0	2247.13	0.53	90.94	8.49	0.04
SS-4	148	154	0	2250.34	0.02	47.62	52.29	0.08
SS-4	156	159.5	0	2249.79	0.03	58.43	41.47	0.08
SS-4	159.5	162.5	0	2251.16	0	23.99	74.66	1.35
SS-4	162.5	165.5	0	2251.58	0.22	16.7	81.76	1.32
SS-4	165.5	167.5	0	2249.84	0.05	62.12	37.52	0.31
SS-4	167.5	171.2	0	2254.96	0.66	3.99	65.45	29.9
SS-4	171.2	173.5	0	2250.63	0	46.64	52.15	1.21
SS-4	173.5	181.4	0	2249.86	0.01	58.18	41.8	0.01
SS-4	181.4	185	0	2251.55	0.01	12.37	87.42	0.2
SS-4	185	189	0	2250.55	0	31.14	68.85	0
SS-4	189	192	0	2251.1	0	23.75	76.15	0.1
SS-4	192	197	0	2249.04	0.03	80.47	19.5	0
SS-4	197	200.5	0	2250.4	0.03	43.36	56.49	0.12
SS-4	200.8	202.5	0	2249.61	0	70.83	29.09	0.08
SS-4	202.5	207.5	0	2249.92	0.03	57.97	41.94	0.07
SS-4	207.5	214	0	2249.54	0.35	47.12	52.47	0.06
SS-4	214	218	0	2250.92	0.07	31.29	68.54	0.09
SS-4	218	221.5	0	2250.17	0.14	42.77	56.96	0.14
SS-4	221.5	224	0	2248.34	0.35	74.2	25.37	0.08

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
SS-4	39	46	0	0	0	0
SS-4	46	54	0	0	0	0
SS-4	54	56	2355.64	2203.11	0.81	1.15
SS-4	56	66	2355.76	2202.82	1.96	1.41
SS-4	66	76	0	0	0	0
SS-4	76	84	0	0	0	0
SS-4	84	86	0	0	0	0
SS-4	86	90	0	0	0	0
SS-4	90	102	0	0	0	0
SS-4	102	112	2356.77	2204.1	0.7	1.14
SS-4	112	122	2357.66	2203.71	0.38	1.09
SS-4	122	132	2358.19	2203.11	0.3	1.14
SS-4	132	142	0	0	0	0
SS-4	144	148	2361.49	2202.81	0.48	1.17
SS-4	148	154	0	0	0	0
SS-4	156	159.5	0	0	0	0
SS-4	159.5	162.5	0	0	0	0
SS-4	162.5	165.5	0	0	0	0
SS-4	165.5	167.5	0	0	0	0
SS-4	167.5	171.2	0	0	0	0
SS-4	171.2	173.5	0	0	0	0
SS-4	173.5	181.4	0	0	0	0
SS-4	181.4	185	0	0	0	0
SS-4	185	189	0	0	0	0
SS-4	189	192	0	0	0	0
SS-4	192	197	0	0	0	0
SS-4	197	200.5	2361.94	2202.43	0.71	1.14
SS-4	200.8	202.5	2361.92	2201.56	0.31	1.11
SS-4	202.5	207.5	2362.26	2202.66	0.64	1.19
SS-4	207.5	214	2361.19	2202.71	0.5	1.16
SS-4	214	218	2360.9	2202.8	0.58	1.17
SS-4	218	221.5	0	0	0	0
SS-4	221.5	224	2361.28	2202.65	0.47	1.14



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
SS-4	224	232	332195	22.18	32.06	0.01	10.41	28.36
SS-4	232	242	406825	21.39	28.95	0.15	14.89	20.71
SS-4	242	252	419084	23.25	40.34	0.11	10	14.1
SS-4	252	262	426609	19.83	40.4	0.03	11.35	11.22
SS-4	262	268	264414	25.17	21.88	1.8	21.91	12.11
SS-4	268	274.5	264594	21.35	25.72	0.71	10.89	10.99
SS-4	274.5	275.5	44075	3.01	0.3	0	0.38	4.41
SS-4	275.5	282	257919	18.03	36.07	2.57	10.5	10.49
SS-4	282	292	425901	23.62	30.59	1.64	18.04	9.97
SS-4	292	302	427259	18.21	42.18	0.14	9.05	5.47
SS-4	302	312	423949	14.18	22.29	0.67	11.17	9.12
SS-4	312	322	398481	13.39	19.64	0.92	20.25	23.24
SS-4	322	332	409747	13	20.65	0.53	34.74	18.11
SS-4	332	342	426174	14.15	15.01	1.45	44.95	15.42
SS-4	342	352	433520	12.84	16.33	0.05	17.45	9.73
SS-4	352	362	433935	13.04	15.35	1.57	36.95	18.39
SS-4	362	372	432669	15.48	18.28	1.02	40.08	17.11
SS-4	372	380	323700	20.69	31.54	0.12	20.52	21.39
SS-4	380	387	288310	11.79	26.12	0.05	38.13	17.43
SS-4	387	393	258515	7.5	19.23	0	4.15	2.06
SS-4	393	398	191239	8.92	16.05	0	9.01	4.8
SS-4	398	405.5	308614	5.26	5.51	0.11	4.7	4.05
SS-4	405.5	412	288429	2.41	1.13	0.36	2.24	4.3
SS-7	34	38.2	138226	11.81	73.05	0.08	5.49	4.19
SS-7	38.2	41	93586	14.81	41.81	0.16	13.86	4.48
SS-7	41	48	228793	11.39	58.56	0.16	19.26	4.43
SS-7	48	48.5	21418	14.29	68.86	1.94	13.17	1.09
SS-7	48.5	56.5	308174	13.27	49	0.11	28.32	11.31
SS-7	56.5	58.5	65415	8.78	47.61	0.17	8.44	1.56
SS-7	58.5	63.8	184845	7.92	57.62	0.01	14.24	3.8
SS-7	63.8	69	162141	12.28	62.54	0.58	9.37	2.25
SS-7	69	79	326283	18.89	50.64	1.76	15.47	4.44
SS-7	79	87.8	328374	13.8	46.62	0.55	41.83	7.41

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
SS-4	224	232	0.15	0.64	2.54	0	21.62	0
SS-4	232	242	0.11	2.76	3.94	0	26.24	0
SS-4	242	252	0.02	1.07	2.25	0	19.67	0
SS-4	252	262	0.06	1.94	2.62	0.01	27.96	0
SS-4	262	268	2.44	0.74	2.7	0.02	21.24	0
SS-4	268	274.5	2.65	1.26	2.43	0.03	34.01	0
SS-4	274.5	275.5	0	1.58	0	0	86.31	0
SS-4	275.5	282	0.52	2.69	2.37	0	30.63	0
SS-4	282	292	1.73	1.84	2.97	0	18.21	0
SS-4	292	302	0.09	1.48	3.23	0	27.96	0
SS-4	302	312	0.34	1.76	2.96	0.01	49.26	0
SS-4	312	322	0.16	4.56	3.55	0.07	38.19	0
SS-4	322	332	0.16	1.59	3.29	0	29.37	0
SS-4	332	342	0.35	1.69	3.35	0.41	23.76	0
SS-4	342	352	0.1	0.92	2.73	0	52.98	0
SS-4	352	362	0.3	3.18	3.23	0	32.41	0
SS-4	362	372	0.3	1.04	5.03	0.01	20.29	0
SS-4	372	380	0.54	0.49	3.8	0.02	18.23	0
SS-4	380	387	0.03	0.97	3.06	0	28.27	0
SS-4	387	393	0	0.04	0.27	0.03	63.29	0
SS-4	393	398	0.01	0.3	1.09	0	66.43	0
SS-4	398	405.5	0	0.21	0.89	0.04	81.33	0
SS-4	405.5	412	0.05	0.13	0.19	0.05	89.97	0
SS-7	34	38.2	0.04	1.03	0.87	0	15.95	0.74
SS-7	38.2	41	0.14	1.05	3.87	0	36.14	0.74
SS-7	41	48	0.22	1.78	4.22	0	21.4	1.84
SS-7	48	48.5	0.58	1.49	3.08	0	14.57	0.52
SS-7	48.5	56.5	0.68	3.65	3.98	0	17.1	12.4
SS-7	56.5	58.5	0.04	1.04	0.18	0	46.81	2.16
SS-7	58.5	63.8	0.48	2.04	4.39	0	28.14	63.21
SS-7	63.8	69	1.02	0.65	5.54	0	19.19	20.67
SS-7	69	79	2.44	7.45	2.38	0.07	14.14	5.07
SS-7	79	87.8	2.03	2.16	6.37	0	11.43	14.17

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
SS-4	224	232	0.02	0.02	0	0	0.01	0
SS-4	232	242	0	0.01	0	0	0	0.01
SS-4	242	252	0.03	0.2	0	0	0.05	0.01
SS-4	252	262	0.01	0.02	0	0	0	0
SS-4	262	268	0.05	0.02	0	0	0.13	0
SS-4	268	274.5	0.86	0.02	0	0	0.02	0.02
SS-4	274.5	275.5	3.86	0	0	0	0	0.05
SS-4	275.5	282	0.33	0	0	0	0.05	0.01
SS-4	282	292	0.03	0.01	0	0	0	0
SS-4	292	302	1.2	0.01	0	0	0.01	0.01
SS-4	302	312	0.05	0.01	0	0	0	0.11
SS-4	312	322	0.21	0.01	0	0	0.17	0.14
SS-4	322	332	0.11	0.01	0	0	0.13	0
SS-4	332	342	0.51	0.02	0	0	0.07	0
SS-4	342	352	0.39	0	0	0	0.05	0
SS-4	352	362	0.03	0.02	0	0	0.08	0.02
SS-4	362	372	0.02	0.02	0	0	0.02	0
SS-4	372	380	0	0.03	0	0	0	0.01
SS-4	380	387	0.33	0.03	0	0	0.01	0.02
SS-4	387	393	11.82	0	0	0	0	0
SS-4	393	398	2.11	0.03	0	0	0	0
SS-4	398	405.5	2.37	0.01	0	0	0	0
SS-4	405.5	412	2.38	0.01	0.14	0	0.01	0
SS-7	34	38.2	0.02	0.01	0	0.01	0	0
SS-7	38.2	41	0	0.01	0	0	0.01	0
SS-7	41	48	0.05	0.02	0	0.01	0.02	0.51
SS-7	48	48.5	0	0	0	0	0	0
SS-7	48.5	56.5	0.01	0.02	0	0	0.31	0
SS-7	56.5	58.5	0.23	0.02	0	0.01	0	0.01
SS-7	58.5	63.8	2.19	0.06	0	0	0	0.02
SS-7	63.8	69	1.25	0.09	0	0.01	0.06	0.18
SS-7	69	79	0	0	0	0	0	0
SS-7	79	87.8	0.02	0.02	0	0	0.01	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
SS-4	224	232	0.08	0	0	0	0	0.02	0
SS-4	232	242	0.18	0	0	0	0.01	0.08	0
SS-4	242	252	0.11	0	0	0	0.02	0.03	0
SS-4	252	262	0.2	0	0	0	0.01	0.02	0
SS-4	262	268	0.13	0	0	0	0.01	1.04	0
SS-4	268	274.5	1.7	0	0	0	0.04	0.9	0
SS-4	274.5	275.5	7.68	0	0	0	0	2.04	0
SS-4	275.5	282	1.32	0	0	0	0	0.49	0
SS-4	282	292	0.19	0	0	0	0.02	0.2	0
SS-4	292	302	0.6	0	0	0	0.01	0.3	0
SS-4	302	312	1.39	0	0	0	0.02	2.1	0
SS-4	312	322	0.94	0	0	0	0.4	0.25	0
SS-4	322	332	0.8	0	0	0	0.59	0.13	0
SS-4	332	342	0.16	0	0	0	0.05	0.11	0
SS-4	342	352	0.93	0	0	0	0.11	2.27	0
SS-4	352	362	0.41	0	0	0	0.17	1.07	0.01
SS-4	362	372	0.1	0	0	0	0.01	0.23	0
SS-4	372	380	0.04	0	0	0	0.06	0.2	0
SS-4	380	387	0.19	0	0	0	0	0.22	0.04
SS-4	387	393	0.02	0	0	0	0	0.21	0
SS-4	393	398	0.16	0	0	0	0	0.15	0
SS-4	398	405.5	0.17	0	0	0	0	1.37	0
SS-4	405.5	412	0.1	0	0	0	0	7.55	0
SS-7	34	38.2	0.03	0	0	0	0	0.02	0
SS-7	38.2	41	0.07	0	0	0	0	0.12	0
SS-7	41	48	0.08	0.03	0	0	0	0.04	0.01
SS-7	48	48.5	0.01	0	0	0	0	0.04	0
SS-7	48.5	56.5	0.03	0.1	0	0	1.31	0.02	0
SS-7	56.5	58.5	0.09	0	0	0	0.04	0	0
SS-7	58.5	63.8	0.1	1.92	0	0	0	0.19	0
SS-7	63.8	69	0.09	0.6	0	0	0.32	0.03	0
SS-7	69	79	0.01	0.03	0	0	0	0.02	0
SS-7	79	87.8	0.06	0.05	0	0	0	0.01	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
SS-4	224	232	2333.03	2249.07	2330.09	1559.47	2194.66
SS-4	232	242	2335.48	2249.95	2331.73	1542.17	2194.58
SS-4	242	252	2340.63	2250.12	2331.81	1558.88	2195.53
SS-4	252	262	2340.16	2250.18	2330.11	1549.65	2194.11
SS-4	262	268	2337.46	2249.94	2329.77	1555.12	2194.7
SS-4	268	274.5	2333.48	2249.98	2330.64	1562.09	2194.59
SS-4	274.5	275.5	2329.78	2250.35	0	1562.92	2195.74
SS-4	275.5	282	2322.61	2248.71	2330.49	1559.12	2195.73
SS-4	282	292	2335.53	2249.65	2331.1	1557.6	2194.93
SS-4	292	302	2338.67	2249.17	2331.42	1559.23	2194.79
SS-4	302	312	2329.93	2249.29	2332.87	1563.29	2195.83
SS-4	312	322	2324.68	2248.78	2332.4	1562.04	2194.7
SS-4	322	332	2324.55	2248.81	2331.56	1560.97	2195.18
SS-4	332	342	2323.68	2249.95	2333.1	1560.34	2194.44
SS-4	342	352	2334.42	2249.21	2334.23	1562.96	2194.43
SS-4	352	362	2326.71	2249	2333.28	1564.48	2195.08
SS-4	362	372	2329.22	2248.82	2331.94	1560.06	2194.31
SS-4	372	380	2332.23	2249.35	2331.4	1554.7	2192.91
SS-4	380	387	2328.29	2249.4	2332.74	1560.97	2194.3
SS-4	387	393	2319.72	2245.17	2331.78	1566.17	2194.06
SS-4	393	398	2325.37	2247.77	2334.28	1561.63	2194.91
SS-4	398	405.5	2331.75	2249.25	2334.36	1559.22	2195.97
SS-4	405.5	412	2325.87	2249.11	2331.19	1565.31	2195.48
SS-7	34	38.2	2341.49	2250.14	2333.03	1554.36	2197.55
SS-7	38.2	41	2340.03	2250.01	2335.79	0	2194.66
SS-7	41	48	2341.27	2249.89	2334.26	1555.35	2194.68
SS-7	48	48.5	2341.73	2249.09	2332.83	0	0
SS-7	48.5	56.5	2340.35	2250.22	2334.98	1555.19	2195.67
SS-7	56.5	58.5	2328.96	2249.64	2334.01	1554.97	0
SS-7	58.5	63.8	2336.75	2249.14	2334.14	1558.1	2194.62
SS-7	63.8	69	2338.25	2249.71	2334.42	1559.68	0
SS-7	69	79	2337.41	2249.3	2333.6	1543.97	2197.6
SS-7	79	87.8	2335.32	2250.06	2333.79	1560.8	0

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
SS-4	224	232	0.03	26.92	73.08	0	0
SS-4	232	242	0.08	3.2	96	0.8	0
SS-4	242	252	0.05	8.96	85.07	5.97	0
SS-4	252	262	0.05	17.86	82.14	0	0
SS-4	262	268	0.09	5.64	92.89	1.46	0
SS-4	268	274.5	0.1	7.14	92.22	0.64	0
SS-4	274.5	275.5	0.24	0.71	99.29	0	0
SS-4	275.5	282	0.11	7.07	86.23	4.02	1.91
SS-4	282	292	0.07	7.01	92.18	0.81	0
SS-4	292	302	0.06	10.62	88.64	0.74	0
SS-4	302	312	0.16	1.87	97.28	0.8	0
SS-4	312	322	0.07	5.43	94.12	0.45	0
SS-4	322	332	0.04	8.02	88.27	3.7	0
SS-4	332	342	0.04	14.85	85.15	0	0
SS-4	342	352	0.08	6.83	92.64	0.52	0
SS-4	352	362	0.11	2.41	97.33	0.26	0
SS-4	362	372	0.05	9.91	88.74	1.35	0
SS-4	372	380	0.05	29.91	69.23	0.85	0
SS-4	380	387	0.08	9.88	87.65	2.47	0
SS-4	387	393	0.12	3.79	95.71	0.51	0
SS-4	393	398	0.06	0	100	0	0
SS-4	398	405.5	0.09	1.4	97.6	1	0
SS-4	405.5	412	0.21	1.23	98.68	0.09	0
SS-7	34	38.2	0.02	0	100	0	0
SS-7	38.2	41	0.12	2.78	97.22	0	0
SS-7	41	48	0.04	24.14	68.97	6.9	0
SS-7	48	48.5	0	0	0	0	0
SS-7	48.5	56.5	0.08	5	80	15	0
SS-7	56.5	58.5	0	0	0	0	0
SS-7	58.5	63.8	0.15	4.26	95.74	0	0
SS-7	63.8	69	0.02	0	0	0	0
SS-7	69	79	0.03	16.67	66.67	0	16.67
SS-7	79	87.8	0.02	0	0	0	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
SS-4	224	232	0	2249.85	0.04	51.01	48.94	0.02
SS-4	232	242	0	2251.3	0.11	17.01	82.76	0.12
SS-4	242	252	0	2251.21	0.08	21.5	78.31	0.11
SS-4	252	262	0	2250.24	0.09	40.22	59.64	0.05
SS-4	262	268	0	2251.16	0.07	26.58	73.14	0.21
SS-4	268	274.5	0	2250.72	0.04	31.73	68.21	0.02
SS-4	274.5	275.5	0	2251.34	0	21.35	78.56	0.09
SS-4	275.5	282	0.76	2250.39	0	43.13	56.81	0.06
SS-4	282	292	0	2250.73	0.12	33.7	65.89	0.29
SS-4	292	302	0	2250.35	0.04	39.11	60.8	0.04
SS-4	302	312	0.04	2251.95	0.03	15.96	83.87	0.14
SS-4	312	322	0	2249.67	0.05	59.8	40.11	0.03
SS-4	322	332	0	2249.43	0.13	63.34	36.52	0.02
SS-4	332	342	0	2249.98	0.15	49.61	50.13	0.12
SS-4	342	352	0	2250.72	0.09	30.87	68.97	0.07
SS-4	352	362	0	2249.84	0.42	54.12	45.42	0.03
SS-4	362	372	0	2250.4	0.13	37.02	62.8	0.04
SS-4	372	380	0	2251.05	0.11	21.95	77.91	0.03
SS-4	380	387	0	2250.65	0.02	31.14	68.84	0.01
SS-4	387	393	0	2248.16	0	96.75	3.25	0
SS-4	393	398	0	2250.62	0.01	32.5	67.48	0
SS-4	398	405.5	0	2250.78	0	32.66	67.33	0.01
SS-4	405.5	412	0	2251.95	0	15.53	84.38	0.09
SS-7	34	38.2	0	2250.48	0.01	32.94	67.01	0.03
SS-7	38.2	41	0	2250.53	0.05	33.37	66.54	0.04
SS-7	41	48	0	2249.97	0.24	42.91	56.81	0.04
SS-7	48	48.5	0	2250.73	0	30.84	68.69	0.47
SS-7	48.5	56.5	0	2250.49	0.11	32.9	66.93	0.06
SS-7	56.5	58.5	0	2249.7	0	64.84	35.16	0
SS-7	58.5	63.8	0	2250.08	0.01	46.75	53.23	0.01
SS-7	63.8	69	0	2249.73	0.02	52.34	47.58	0.06
SS-7	69	79	0	2250	0.16	46.1	53.66	0.08
SS-7	79	87.8	0	2249.74	0.6	46.36	52.93	0.12

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
SS-4	224	232	0	0	0	0
SS-4	232	242	2358.92	2202.08	0.25	1.07
SS-4	242	252	2357.33	2202.83	0.33	1.12
SS-4	252	262	2361.38	2203.07	0.43	1.06
SS-4	262	268	2356.32	2202.65	0.59	1.04
SS-4	268	274.5	2353.54	2204.27	0.36	1.14
SS-4	274.5	275.5	0	0	0	0
SS-4	275.5	282	0	0	0	0
SS-4	282	292	2359.26	2205.22	0.44	1.13
SS-4	292	302	0	0	0	0
SS-4	302	312	2361.92	2201.82	0.33	1.08
SS-4	312	322	2360.34	2202.42	0.56	1.17
SS-4	322	332	2360.39	2202.65	0.52	1.09
SS-4	332	342	2360.94	2202.89	0.38	1.04
SS-4	342	352	2362.75	2201.84	0.53	1.15
SS-4	352	362	2361.44	2202.27	0.72	1.21
SS-4	362	372	2361.8	2202.04	0.32	1.06
SS-4	372	380	2355.28	2202.68	0.24	1.19
SS-4	380	387	0	0	0	0
SS-4	387	393	0	0	0	0
SS-4	393	398	0	0	0	0
SS-4	398	405.5	0	0	0	0
SS-4	405.5	412	0	0	0	0
SS-7	34	38.2	0	0	0	0
SS-7	38.2	41	0	0	0	0
SS-7	41	48	0	0	0	0
SS-7	48	48.5	0	0	0	0
SS-7	48.5	56.5	2358.87	2203.97	0.81	1.16
SS-7	56.5	58.5	2356.62	2204.44	0.76	1.12
SS-7	58.5	63.8	0	0	0	0
SS-7	63.8	69	2357.97	2204.37	0.49	1.19
SS-7	69	79	0	0	0	0
SS-7	79	87.8	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
SS-7	87.8	89	48542	8.54	36.78	0	4.92	1.73
SS-7	89	99	348607	8.79	60.21	0.04	17.03	2.9
SS-7	99	105	182181	6.86	28.43	0.3	13.69	0.22
SS-7	105	115	360130	7.42	54.24	2.11	12.66	0.29
SS-7	115	123.8	319513	7.15	58.6	0.24	28.02	2.47
SS-7	123.8	128.5	189016	6.41	63.66	0.26	58.13	3.96
SS-7	128.5	138	322444	7.97	50.21	0.35	29.27	1.59
SS-7	138	147	326552	9.56	62.38	0.89	22.68	1.65
SS-7	147	153	237978	7.47	65.99	1.34	13.42	0.45
SS-7	153	162	331893	9.97	59.34	2.52	33.38	1.24
SS-7	162	168.5	213685	14.55	57.34	4.61	12.85	0.88
SS-7	168.5	175	210669	15.67	17.66	3.52	55.91	4.71
SS-7	175	178	103910	5.87	42.64	9.9	10.4	0.13
SS-7	178	181	103043	17.84	14.49	5.04	45.39	6.16
SS-7	181	184.2	107614	5.94	49.53	2.36	17.03	0.2
SS-7	184.2	185.4	45383	8.76	48.32	4.53	27.29	2.49
SS-7	146	203	596324	14.65	40.62	24.14	6.78	1.28
SS-7	203	206.2	113079	13.45	32.39	2.77	24.63	3.14
SS-7	206.2	215.5	330525	27.71	25.08	1.88	14.57	1.48
SS-7	215.5	222	218020	29.65	15.61	20.75	9.09	1.46
SS-7	222	228	204969	15.38	26.8	1.01	25.74	1.31
SS-7	228	235	238867	13.36	56.88	0.32	13.78	0.6
SS-7	235	245	367836	14.8	49.2	0.15	16.15	2.24
SS-7	245	252	241339	13.98	47.94	0.06	27.67	3.29
SS-7	252	254.5	62799	34.93	13.65	14.11	12.25	3.86
SS-7	254.5	259.5	162167	17.49	53.59	1.12	10.13	0.73
SS-7	259.5	265	201633	18.82	32.02	7.65	16.4	1.03
SS-7	265	266	37240	28.29	0.4	48.37	4.33	4.98
SS-7	266	273.2	268001	9.8	52.51	21.84	8.03	0.69
SS-7	273.2	279	227581	7.62	58.59	1.47	12.36	0.41
SS-7	279	288	345373	11.18	45.32	0.82	22.89	1.33
SS-7	288	297	317230	7.09	61.82	5.85	14.11	0.21
SS-7	297	303.3	209151	15.51	51.39	0.98	13.54	2.74

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
SS-7	87.8	89	0.02	0.61	0.7	0	42.74	6.25
SS-7	89	99	0.15	2.37	2.77	0	30.31	2.89
SS-7	99	105	0.24	0.63	2.35	0	62.27	1.56
SS-7	105	115	0.87	0.21	2.8	0	39.05	3.82
SS-7	115	123.8	0.5	3.01	4.04	0	26.97	2.43
SS-7	123.8	128.5	1.38	8.2	1.21	0	10.62	0.56
SS-7	128.5	138	1.16	1.04	4.21	0	30.28	10.41
SS-7	138	147	0.58	2.98	3.31	0	14.92	6.66
SS-7	147	153	0.34	1.41	2.84	0	22.97	0.47
SS-7	153	162	2.34	2.55	3.64	0	14.19	1.21
SS-7	162	168.5	0.93	1.5	1.88	0	17.7	4.45
SS-7	168.5	175	0.53	0.39	4.29	0	7.07	2.5
SS-7	175	178	1.35	0.12	0.06	0	45.6	0.55
SS-7	178	181	0.98	0.13	9.14	0.15	8.66	0.8
SS-7	181	184.2	1.43	0.34	1.99	0	35.49	1.29
SS-7	184.2	185.4	2.19	0.67	4.48	0	20.1	0.65
SS-7	146	203	2.1	0.54	1.49	0.03	21.76	6.1
SS-7	203	206.2	1.23	1.86	3.62	0	32.79	7.42
SS-7	206.2	215.5	0.61	1.53	3.19	0.01	34.14	4.54
SS-7	215.5	222	3.81	0.73	2.42	0.02	23.36	2.23
SS-7	222	228	0.89	4.24	4.18	0	38.24	0
SS-7	228	235	0.42	5.03	3.32	0	19.7	0
SS-7	235	245	0.73	0.7	3.17	0	29.01	0
SS-7	245	252	0.32	1.78	3.79	0	21.12	0
SS-7	252	254.5	3.52	0.93	2.23	0.01	22.92	0
SS-7	254.5	259.5	1	3.66	3.36	0	18.97	0
SS-7	259.5	265	0.26	3.13	3.85	0.02	31.18	0
SS-7	265	266	0.26	0.13	0.14	0.01	20.9	0
SS-7	266	273.2	1.33	1.47	0.78	0	32.24	0
SS-7	273.2	279	0.5	1.44	4.98	0	28.85	0
SS-7	279	288	1.54	2.77	2.77	0	37.31	0
SS-7	288	297	0.4	0.2	1.1	0	38.87	0
SS-7	297	303.3	0.96	2.77	1.92	0	29.03	0

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
SS-7	87.8	89	0.07	0.04	0	0	0.02	0.31
SS-7	89	99	0.18	0.01	0	0.02	0.01	0.01
SS-7	99	105	2.29	0.02	0	0.01	0.04	0.01
SS-7	105	115	0.98	0	0	0	0.26	0.06
SS-7	115	123.8	1.14	0	0	0	0	0
SS-7	123.8	128.5	0.06	0	0	0	0.25	0
SS-7	128.5	138	3.72	0	0	0	0.23	0
SS-7	138	147	0	0	0	0	1.59	0
SS-7	147	153	0.06	0	0	0	1.66	0
SS-7	153	162	0.03	0	0	0	0.24	0
SS-7	162	168.5	0.03	0	0	0	0.37	0.01
SS-7	168.5	175	0	0.01	0	0	0.02	0
SS-7	175	178	0.13	0	0	0	4.98	0
SS-7	178	181	0.06	0.01	0	0	1.89	0.03
SS-7	181	184.2	0.1	0.02	0	0	0.25	0.02
SS-7	184.2	185.4	0.01	0	0	0	3.08	0.03
SS-7	146	203	0.07	0.02	0	0	0.58	0.04
SS-7	203	206.2	0.03	0.02	0	0	0.29	0
SS-7	206.2	215.5	0.03	0.55	0	0	0.05	0.05
SS-7	215.5	222	0	0.2	0	0	0.13	0
SS-7	222	228	0.03	0.14	0	0	0.17	0.07
SS-7	228	235	0.02	0	0	0	0.16	0.01
SS-7	235	245	0	0	0	0	0	0
SS-7	245	252	0.13	0.01	0	0	0.06	0
SS-7	252	254.5	0	0.05	0	0	0.01	0
SS-7	254.5	259.5	0	0.03	0	0	0.48	0
SS-7	259.5	265	0	0.45	0	0	0.02	0.13
SS-7	265	266	0	0	0	0	0	0
SS-7	266	273.2	0.36	0	0	0	0.09	0.01
SS-7	273.2	279	0.04	0	0	0	0.15	0.02
SS-7	279	288	0.12	0	0	0	0	0
SS-7	288	297	0.14	0	0	0	0	0
SS-7	297	303.3	0.14	0	0	0	0.04	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
SS-7	87.8	89	15.59	0	0	0	0	0.66	0
SS-7	89	99	0.46	0	0	0	0	0.06	0
SS-7	99	105	0.13	0	0	0	0.02	0.24	0
SS-7	105	115	0.16	0	0	0	0.01	0.05	0
SS-7	115	123.8	0.12	0	0	0	0	0.03	0
SS-7	123.8	128.5	0.01	0	0	0	0	0.02	0
SS-7	128.5	138	0.36	0.24	0	0	0.29	0.12	0
SS-7	138	147	0.02	0.26	0	0	0	0.04	0
SS-7	147	153	0.06	0.03	0	0	0	0.07	0
SS-7	153	162	0.03	0	0	0	0	0.07	0
SS-7	162	168.5	0.01	0.08	0	0	0.03	0.03	0.01
SS-7	168.5	175	0.02	0.01	0	0	0	0.03	0
SS-7	175	178	0.05	0	0	0	0	0.02	0
SS-7	178	181	0.02	0	0	0	0	0.04	0
SS-7	181	184.2	0.08	0	0	0	0	0.06	0.03
SS-7	184.2	185.4	0.01	0	0	0	0	0.07	0.04
SS-7	146	203	0.09	0.75	0.01	0	0.07	0.1	0
SS-7	203	206.2	0.03	0.49	0	0	0	0.97	0
SS-7	206.2	215.5	0.26	0.22	0	0	0	0.85	0.03
SS-7	215.5	222	0.08	0.07	0	0	0.02	0.23	0
SS-7	222	228	0.16	0	0	0	0.07	0.45	0
SS-7	228	235	0.14	0	0	0	0.03	0.11	0.08
SS-7	235	245	0.04	0	0	0	0	0.02	0
SS-7	245	252	0.03	0	0	0	0.01	0.03	0
SS-7	252	254.5	0.03	0	0.01	0	0	0.29	0
SS-7	254.5	259.5	0.12	0	0	0	0	0.08	0
SS-7	259.5	265	0.1	0	0	0	0	0.47	0.27
SS-7	265	266	0.19	0	0	0	0	0.09	0
SS-7	266	273.2	0.07	0	0	0	0	0.6	0
SS-7	273.2	279	0.25	0	0	0	0	0.39	0
SS-7	279	288	0.03	0	0	0	0	0.03	0
SS-7	288	297	0.01	0	0	0	0	0.01	0.06
SS-7	297	303.3	0.04	0	0.01	0	0	0.03	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
SS-7	87.8	89	2333.18	2249.95	2337.35	1553.63	0
SS-7	89	99	2337.33	2249.07	2333.79	1556.11	2195.97
SS-7	99	105	2340.66	2249.8	2335.69	1558.09	2194.39
SS-7	105	115	2330.15	2248.52	2333.82	1558.71	2194.61
SS-7	115	123.8	2334.41	2248.85	2333.42	1555.86	2192.43
SS-7	123.8	128.5	2334.15	2248.94	2334.44	1555.73	2200.35
SS-7	128.5	138	2331.29	2249.55	2334.8	1560.77	2194.23
SS-7	138	147	2333.43	2249.21	2335.08	1560.6	2194.98
SS-7	147	153	2330.09	2249.27	2334.15	1558.25	2191.91
SS-7	153	162	2330.33	2249.89	2333.88	1558.54	2194.37
SS-7	162	168.5	2334.34	2249.9	2335.4	1553.88	2208.83
SS-7	168.5	175	2330.88	2250.88	2336.45	0	2203.41
SS-7	175	178	2324.62	2249.68	2335.78	1556.34	2188.58
SS-7	178	181	2322.33	2250.63	2332.79	1568.02	0
SS-7	181	184.2	2329.61	2248.06	2334.83	1564.17	2194.34
SS-7	184.2	185.4	2336.75	2251.33	2335.06	0	0
SS-7	146	203	2324.48	2249.34	2330.77	1558.51	2197.66
SS-7	203	206.2	2344.91	2249.92	2335.41	1558.67	2194.94
SS-7	206.2	215.5	2342.75	2251.07	2335.13	1560.81	2194.14
SS-7	215.5	222	2331.99	2250.21	2332.35	0	2198.19
SS-7	222	228	2346.21	2250.46	2336.52	1560.28	2194.34
SS-7	228	235	2348.69	2249.6	2337.46	1556.64	2192.72
SS-7	235	245	2346.92	2250.72	2336.4	1562.12	0
SS-7	245	252	2347.78	2250.85	2337.65	1559.82	2198.75
SS-7	252	254.5	2338.22	2251.96	2337.42	1566.16	2196.56
SS-7	254.5	259.5	2347.36	2250.55	2336.65	0	2194.63
SS-7	259.5	265	2340.31	2251.12	2332.03	1560.2	2193.35
SS-7	265	266	2330.84	2253.12	2339.83	0	2197.29
SS-7	266	273.2	2330.33	2248.62	2334.34	1561.95	2194.61
SS-7	273.2	279	2338.54	2248.18	2334.69	1558	2194.25
SS-7	279	288	2342.35	2249.58	2336.38	1558.72	2194.51
SS-7	288	297	2333.94	2248.72	2332.51	1560.9	0
SS-7	297	303.3	2338.91	2249.3	2335.1	1560.26	2195.65

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
SS-7	87.8	89	0.03	0	0	0	0
SS-7	89	99	0.04	4.08	83.67	12.24	0
SS-7	99	105	0.06	16.9	81.22	1.88	0
SS-7	105	115	0.05	20.83	70.83	8.33	0
SS-7	115	123.8	0.03	60	40	0	0
SS-7	123.8	128.5	0.04	0	33.33	33.33	33.33
SS-7	128.5	138	0.07	12.5	87.5	0	0
SS-7	138	147	0.05	27.27	63.64	9.09	0
SS-7	147	153	0.03	55.56	44.44	0	0
SS-7	153	162	0.03	30.77	69.23	0	0
SS-7	162	168.5	0.02	40	20	0	20
SS-7	168.5	175	0.02	0	50	0	50
SS-7	175	178	0.05	100	0	0	0
SS-7	178	181	0.01	100	0	0	0
SS-7	181	184.2	0.05	20	72	4	4
SS-7	184.2	185.4	0.02	0	0	0	0
SS-7	146	203	0.03	36.84	38.16	6.58	15.79
SS-7	203	206.2	0.08	7.4	90.76	1.54	0.15
SS-7	206.2	215.5	0.06	18.56	78.9	2.36	0.12
SS-7	215.5	222	0.04	3.14	71.07	22.01	1.89
SS-7	222	228	0.05	25.6	69.76	3.83	0.81
SS-7	228	235	0.05	43.95	51.59	4.46	0
SS-7	235	245	0.02	0	0	0	0
SS-7	245	252	0.03	7.14	57.14	35.71	0
SS-7	252	254.5	0.06	11.11	84.13	1.59	2.38
SS-7	254.5	259.5	0.04	15.79	80.7	1.75	1.75
SS-7	259.5	265	0.05	28.17	70.34	1.31	0
SS-7	265	266	0.02	60	20	0	20
SS-7	266	273.2	0.08	8.52	90.42	1.06	0
SS-7	273.2	279	0.05	18.08	78.77	2.99	0
SS-7	279	288	0.04	30.77	64.1	5.13	0
SS-7	288	297	0	0	0	0	0
SS-7	297	303.3	0.09	4.17	95.83	0	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
SS-7	87.8	89	0	2250.19	0.3	34.56	65.12	0.01
SS-7	89	99	0	2249.64	0.09	61.51	38.37	0.02
SS-7	99	105	0	2250.23	0.04	37.94	62.01	0.01
SS-7	105	115	0	2249.66	0.04	57.81	42.12	0.02
SS-7	115	123.8	0	2249.98	0	48.69	51.3	0.01
SS-7	123.8	128.5	0	2249.41	0	65.6	34.4	0
SS-7	128.5	138	0	2249.94	0.03	47.67	52.27	0.03
SS-7	138	147	0	2250.33	0.03	40.39	59.5	0.08
SS-7	147	153	0	2249.81	0.06	55.91	44.03	0
SS-7	153	162	0	2249.67	0.26	68.04	31.21	0.49
SS-7	162	168.5	20	2250.53	0.11	39.34	59.21	1.35
SS-7	168.5	175	0	2252.87	0.25	7.45	87.59	4.71
SS-7	175	178	0	2250.88	0	23.45	76.53	0.01
SS-7	178	181	0	2251.8	0.05	35.75	61.75	2.45
SS-7	181	184.2	0	2250.53	0.01	30.65	69.34	0
SS-7	184.2	185.4	0	2251.6	0	10.12	89.73	0.15
SS-7	146	203	2.63	2252.73	0.08	24.92	69.64	5.37
SS-7	203	206.2	0.15	2251.63	0.02	10.61	89.06	0.31
SS-7	206.2	215.5	0.06	2251.91	0.06	19.65	79.02	1.27
SS-7	215.5	222	1.89	2253.1	0.21	9.59	88.15	2.04
SS-7	222	228	0	2250.91	0.05	24.32	75.53	0.11
SS-7	228	235	0	2251.47	0.21	19.3	80.26	0.24
SS-7	235	245	0	2252.11	0.07	10.94	88.77	0.22
SS-7	245	252	0	2251.88	0.11	11.87	87.82	0.21
SS-7	252	254.5	0.79	2252.66	0.14	2.28	97.07	0.51
SS-7	254.5	259.5	0	2252.53	0.14	9.66	87.96	2.24
SS-7	259.5	265	0.19	2253.12	0.09	6.08	91.86	1.98
SS-7	265	266	0	2253.73	0.26	6.51	84.91	8.32
SS-7	266	273.2	0	2250.23	0.06	50.14	49.13	0.67
SS-7	273.2	279	0.17	2250.12	0.04	48.16	51.75	0.05
SS-7	279	288	0	2250.55	0.09	32.31	67.54	0.06
SS-7	288	297	0	2249.65	0	61.52	38.48	0
SS-7	297	303.3	0	2249.49	0.02	65.91	34.04	0.02

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
SS-7	87.8	89	0	0	0	0
SS-7	89	99	0	0	0	0
SS-7	99	105	2355.64	2204.83	0.66	1.06
SS-7	105	115	2350.32	2205.7	0.74	1.14
SS-7	115	123.8	0	0	0	0
SS-7	123.8	128.5	0	0	0	0
SS-7	128.5	138	2354.81	2203.92	0.87	1.13
SS-7	138	147	0	0	0	0
SS-7	147	153	0	0	0	0
SS-7	153	162	0	0	0	0
SS-7	162	168.5	2352.69	2204.74	0.62	1.23
SS-7	168.5	175	0	0	0	0
SS-7	175	178	0	0	0	0
SS-7	178	181	0	0	0	0
SS-7	181	184.2	0	0	0	0
SS-7	184.2	185.4	0	0	0	0
SS-7	146	203	2352.69	2205.08	1.17	1.41
SS-7	203	206.2	0	0	0	0
SS-7	206.2	215.5	0	0	0	0
SS-7	215.5	222	2356.59	2204.53	0.59	1.15
SS-7	222	228	2357.64	2203.4	0.59	1.06
SS-7	228	235	2356.92	2205.39	0.47	1.28
SS-7	235	245	0	0	0	0
SS-7	245	252	2361.01	2205.32	0.33	1.05
SS-7	252	254.5	0	0	0	0
SS-7	254.5	259.5	0	0	0	0
SS-7	259.5	265	0	0	0	0
SS-7	265	266	0	0	0	0
SS-7	266	273.2	0	0	0	0
SS-7	273.2	279	0	0	0	0
SS-7	279	288	0	0	0	0
SS-7	288	297	0	0	0	0
SS-7	297	303.3	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
SS-7	303.3	308	145248	7.44	49.94	2.73	9.96	0.26
SS-7	308	315.5	277767	10.9	43.74	0.66	12.11	0.87
SS-7	315.5	320.4	175480	3.7	4.41	0.1	13.85	1.22
SS-7	320.4	323.5	99821	3.91	0	0	64.69	1.01
SS-7	323.5	326.5	103066	4.52	0.15	0	30.15	1.22
SS-7	326.5	333.5	267074	13.17	44.59	0.51	7.61	2.11
SS-7	333.5	341.1	273994	13.82	42.96	0.86	7.13	0.8
SS-7	341.1	352	373363	6.51	53.15	6.75	17.07	0.33
SS-7	352	359	241678	15.2	44.46	1.9	23.75	1.82
SS-7	359	363	160766	8.81	51.75	4.73	18.96	0.84
SS-7	363	372	315568	14.49	51.6	3.75	16.77	2.6
SS-7	372	382	361660	10.07	63.7	1.92	33.59	2.95
SS-7	382	392	375220	8.25	62.66	2.56	25.21	1.74
SS-7	392	402	343369	13.76	56.15	0.82	29.09	4.3
SS-7	402	412	358844	13.24	41.65	0.19	29.9	2.8
SS-7	412	422	360977	11.28	56.05	0.09	26.15	4.45
SS-7	422	432	368118	8.16	53.61	2.44	38.15	2.19
SS-7	432	442	379325	12.79	49.78	2.66	25.05	1.92
SS-7	442	447.2	245169	9.28	54.49	0.63	43.74	2.6
SS-7	447.2	449	73608	11.86	12.16	0.71	75.72	4.6
SS-7	449	456	284151	5.37	39.96	0.81	71.13	3.82
SS-7	456	458.2	87814	13.21	32.52	1.87	50.4	4.32
SS-7	458.2	467	358588	7.36	74.07	0.99	31.1	3.07
SS-7	467	472.4	212427	9.94	57.54	3.46	28.08	1.9
SS-7	472.4	478	234247	6.66	27.15	0.62	27.02	1.07
SS-7	478	485.6	327950	5.16	22.31	0.22	20.04	1.72
SS-7	485.6	495	385230	11.98	47.33	0.11	33.57	3.93
SS-7	495	499	180883	4.67	55.3	0.01	48.91	5.73
SS-7	499	502	137885	8.63	57.51	0.04	33.33	4.7
SS-7	502	504	87297	9.23	31.41	0	26.15	5.42
SS-7	504	510	269927	5.85	72.65	0	35.84	6.79
SS-7	510	512.3	100443	5.38	43.57	0.01	17.1	4.35
SS-7	512.3	515	109018	3.64	44.22	0	31.56	3.99

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
SS-7	303.3	308	0.36	0.45	2.73	0	45.22	0
SS-7	308	315.5	0.64	0.43	2.35	0	43.18	0
SS-7	315.5	320.4	0.02	0.02	1.37	0	86.22	0
SS-7	320.4	323.5	0	0.01	2.43	0	44.02	0
SS-7	323.5	326.5	0	0	1.84	0	76.83	0
SS-7	326.5	333.5	0.09	0.68	1.17	0	42.77	0
SS-7	333.5	341.1	0.91	0.54	1.63	0	43.06	0
SS-7	341.1	352	0.26	0.44	4.59	0	36.02	0
SS-7	352	359	1.33	1.09	4.72	0	26.37	0
SS-7	359	363	1.26	0.87	4.25	0	32.37	0
SS-7	363	372	2.08	0.66	1.3	0	30.47	0
SS-7	372	382	0.8	2.1	3.94	0	16.07	0
SS-7	382	392	0.65	3.9	5.02	0	19.35	0
SS-7	392	402	2.53	5.87	2.96	0	10.64	0
SS-7	402	412	1.91	4.11	2.58	0	25.94	0
SS-7	412	422	0.49	4.49	2.08	0	20.64	0
SS-7	422	432	2.32	5.05	3.44	0	22.45	0
SS-7	432	442	3.35	1.14	4.12	0.02	20.75	0
SS-7	442	447.2	2.93	3.99	3.66	0	12.66	0
SS-7	447.2	449	4.56	1.24	0.95	0	2.21	0
SS-7	449	456	3.49	1.67	0.98	0	6.04	0
SS-7	456	458.2	11.69	1.53	1.28	0	1.98	0
SS-7	458.2	467	3.99	2.17	0.73	0	8.33	0
SS-7	467	472.4	2.74	1.08	4.89	0	15.43	0
SS-7	472.4	478	0.34	0.51	1.8	0	48.1	0
SS-7	478	485.6	0.7	1.25	2.39	0	53.55	0
SS-7	485.6	495	2.38	2.2	2.77	0	23.84	0
SS-7	495	499	0.08	0.82	1.09	0	31.37	0
SS-7	499	502	1.17	1.16	1.3	0	22.31	0
SS-7	502	504	0.03	0.62	11.08	0	35.62	0
SS-7	504	510	0.11	0.47	1.69	0	12.97	0
SS-7	510	512.3	0	0.09	0.51	0	58.22	0
SS-7	512.3	515	0	0.1	2.96	0	53.83	0

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
SS-7	303.3	308	0.01	0.02	0	0	0.17	0
SS-7	308	315.5	0.6	0	0	0	1.48	0.03
SS-7	315.5	320.4	0.05	0.02	0	0	1.66	0
SS-7	320.4	323.5	0.02	0.02	0	0	27.65	0
SS-7	323.5	326.5	2.54	0.05	0	0	3.21	0
SS-7	326.5	333.5	1.1	0	0	0	0.02	0.1
SS-7	333.5	341.1	0.16	0	0	0	0	0.04
SS-7	341.1	352	0.25	0	0	0	0.02	0.05
SS-7	352	359	1	0.01	0	0	0.03	0
SS-7	359	363	0.21	0	0	0	0.04	0.02
SS-7	363	372	0.01	0.01	0	0	0	0
SS-7	372	382	0.01	0.01	0	0	0	0
SS-7	382	392	0.08	0.01	0	0	0	0
SS-7	392	402	0.01	0	0	0	0	0
SS-7	402	412	2.83	0.03	0.01	0	0	0.01
SS-7	412	422	0.2	0	0	0	0	0
SS-7	422	432	0.25	0	0	0	0	0
SS-7	432	442	0.03	0	0	0	0.04	0
SS-7	442	447.2	0	0	0	0	0	0
SS-7	447.2	449	0	0	0	0	0	0
SS-7	449	456	0	0.01	0	0	0.13	0
SS-7	456	458.2	0	0	0	0	0	0
SS-7	458.2	467	0.16	0	0	0	0	0
SS-7	467	472.4	0	0.01	0	0	0.59	0
SS-7	472.4	478	0.36	0.01	0	0	0.01	0.01
SS-7	478	485.6	4.61	0.01	0	0	0	0
SS-7	485.6	495	0.3	0.01	0	0	0.2	0
SS-7	495	499	0.24	0.01	0	0	0.5	0
SS-7	499	502	0.14	0.01	0	0	0	0.01
SS-7	502	504	0.03	0.01	0	0	4.81	0.04
SS-7	504	510	0.17	0	0	0	0	0
SS-7	510	512.3	0.05	0.06	0	0	0	0
SS-7	512.3	515	0.1	0.03	0	0	0	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
SS-7	303.3	308	0.34	0	0	0	0	0.04	0
SS-7	308	315.5	0.19	0	0.01	0	0	0.15	0
SS-7	315.5	320.4	0.18	0	0	0	0	0.03	0
SS-7	320.4	323.5	0.07	0	0	0	0	0.06	0
SS-7	323.5	326.5	0.11	0	0	0	0	0.01	0
SS-7	326.5	333.5	0.52	0	0	0	0	0.06	0
SS-7	333.5	341.1	0.17	0	0.22	0	0.03	0.08	0.03
SS-7	341.1	352	0.06	0	0	0	0	0.04	0
SS-7	352	359	1.17	0	0	0	0	0.01	0
SS-7	359	363	0.2	0	0	0	0.83	0.25	0
SS-7	363	372	0.04	0	0	0	0	0.01	0
SS-7	372	382	0.03	0	0	0	0	0.01	0
SS-7	382	392	0.04	0	0	0	0	0.04	0
SS-7	392	402	0.12	0	0	0	0	0.01	0
SS-7	402	412	0.73	0	0	0	0	0.39	0.01
SS-7	412	422	0.26	0	0	0	0	0.12	0
SS-7	422	432	0.02	0	0	0	0.02	0.04	0
SS-7	432	442	0.17	0	0	0	0	0.06	0
SS-7	442	447.2	0.09	0	0	0	0.02	0.04	0
SS-7	447.2	449	0	0	0	0	0	0.01	0
SS-7	449	456	0.01	0	0	0	0	0.02	0
SS-7	456	458.2	0.01	0	0	0	0	0.01	0
SS-7	458.2	467	0.36	0	0	0	0	0.02	0
SS-7	467	472.4	1.26	0	0	0	0	0.17	0.01
SS-7	472.4	478	9.42	0	0	0	0	0.3	0.07
SS-7	478	485.6	11.55	0	0	0	0	0.39	0.53
SS-7	485.6	495	2.23	0	0	0	0	0.27	0
SS-7	495	499	0.6	0	0	0	0	0.01	0
SS-7	499	502	1.39	0	0	0	0	0.03	0
SS-7	502	504	3.04	0	0	0	0.03	0.68	0
SS-7	504	510	0.31	0	0	0	0	0.11	0
SS-7	510	512.3	0.55	0	0	0	0	0.04	0
SS-7	512.3	515	0.86	0	0	0	0	0.17	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
SS-7	303.3	308	2336.44	2248.25	2335.46	1558	2191.06
SS-7	308	315.5	2341.47	2249.94	2335.95	1559.26	2193.81
SS-7	315.5	320.4	2330.88	2249.23	2336.73	1556.47	2196.99
SS-7	320.4	323.5	2352.62	2252.33	2338.22	0	2202.84
SS-7	323.5	326.5	2335.28	2249.28	2337.16	1559.52	0
SS-7	326.5	333.5	2333.61	2249.13	2335.74	1558.37	2193.84
SS-7	333.5	341.1	2336.67	2250.11	2334.12	1558.16	2194.96
SS-7	341.1	352	2327.48	2248.06	2332.69	1558.25	2194.2
SS-7	352	359	2337.78	2250.33	2333.5	1555.81	2212
SS-7	359	363	2332.01	2249.39	2333.95	1562.91	2197.62
SS-7	363	372	2330.81	2249.22	2334.26	1553.7	0
SS-7	372	382	2330.03	2248.98	2333.63	0	2194.81
SS-7	382	392	2330.07	2248.54	2333.32	1560.79	2193.94
SS-7	392	402	2333.62	2248.97	2334.52	1561.93	2201.7
SS-7	402	412	2343.26	2249.78	2335.46	1558.6	2195
SS-7	412	422	2344.38	2249.26	2336.09	1557.97	2194.95
SS-7	422	432	2337.98	2249.37	2333.86	1559.69	2195.38
SS-7	432	442	2335.89	2249.34	2332.18	1561.18	2193.71
SS-7	442	447.2	2340.61	2249.37	2334.35	1545.51	2196.57
SS-7	447.2	449	2330.7	2252.59	2336	0	2189.73
SS-7	449	456	2338.08	2250.51	2333.52	0	2195.68
SS-7	456	458.2	2338.57	2249.43	2332.53	0	0
SS-7	458.2	467	2337.68	2249.94	2333.22	1559.05	2195.37
SS-7	467	472.4	2334.63	2250.14	2332.18	1563.38	2194.62
SS-7	472.4	478	2336.68	2250.79	2336.9	1561.36	2194.88
SS-7	478	485.6	2339.82	2249.07	2335.5	1557.56	2194.31
SS-7	485.6	495	2343.5	2250.53	2334.65	1558.97	2194.83
SS-7	495	499	2345.97	2251.05	2336.58	1556.12	2194.83
SS-7	499	502	2347.82	2250.14	2338.04	1559.15	2191.48
SS-7	502	504	2348.36	2251.04	2337.29	1557.95	2193.83
SS-7	504	510	2347.8	2250.52	2336.09	1558.83	2194.97
SS-7	510	512.3	2343.75	2250.15	2332.23	1558.92	2192.92
SS-7	512.3	515	2342.46	2250.65	2335.47	1559.32	2194.82

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
SS-7	303.3	308	0.06	70	30	0	0
SS-7	308	315.5	0.3	3.7	95.06	1.23	0
SS-7	315.5	320.4	0.1	0	100	0	0
SS-7	320.4	323.5	0.07	0	5.26	94.74	0
SS-7	323.5	326.5	0	0	0	0	0
SS-7	326.5	333.5	0.05	21.1	77.06	1.83	0
SS-7	333.5	341.1	0.07	2.48	97.52	0	0
SS-7	341.1	352	0.06	15.48	80.95	3.57	0
SS-7	352	359	0.04	33.33	0	0	66.67
SS-7	359	363	0.12	1.13	94.35	4.52	0
SS-7	363	372	0.02	0	0	0	0
SS-7	372	382	0.05	8.33	91.67	0	0
SS-7	382	392	0.07	29.63	66.67	3.7	0
SS-7	392	402	0.03	14.29	57.14	14.29	0
SS-7	402	412	0.09	15.94	81.52	2.54	0
SS-7	412	422	0.05	11.52	83.25	5.24	0
SS-7	422	432	0.03	40	50	0	10
SS-7	432	442	0.04	34.04	59.57	6.38	0
SS-7	442	447.2	0.11	3.23	93.55	3.23	0
SS-7	447.2	449	0.02	100	0	0	0
SS-7	449	456	0.02	40	20	40	0
SS-7	456	458.2	0.02	0	0	0	0
SS-7	458.2	467	0.06	9.09	90.91	0	0
SS-7	467	472.4	0.08	12.17	86.96	0.87	0
SS-7	472.4	478	0.1	4.86	94.74	0.4	0
SS-7	478	485.6	0.12	5.24	94.76	0	0
SS-7	485.6	495	0.08	12.81	84.92	2.27	0
SS-7	495	499	0.05	0	100	0	0
SS-7	499	502	0.05	57.14	42.86	0	0
SS-7	502	504	0.07	24.14	73.79	2.07	0
SS-7	504	510	0.07	1.81	96.39	1.81	0
SS-7	510	512.3	0.07	29.41	70.59	0	0
SS-7	512.3	515	0.05	10.09	88.99	0.92	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
SS-7	303.3	308	0	2250.9	0.04	24.46	75.48	0.02
SS-7	308	315.5	0	2250.28	0.01	39.65	60.33	0.01
SS-7	315.5	320.4	0	2251.67	0	6.09	93.91	0.01
SS-7	320.4	323.5	0	2253.11	0	0.52	99.27	0.21
SS-7	323.5	326.5	0	2251.98	0.01	2.34	97.65	0
SS-7	326.5	333.5	0	2249.79	0.03	55.23	44.73	0.01
SS-7	333.5	341.1	0	2249.39	0.04	70.85	29.06	0.04
SS-7	341.1	352	0	2249.06	0.02	77.77	22.2	0
SS-7	352	359	0	2251.41	0.15	21.79	77.59	0.47
SS-7	359	363	0	2248.85	1.06	73.84	25.09	0.01
SS-7	363	372	0	2250.26	0.03	43.18	56.79	0
SS-7	372	382	0	2249.66	0.12	55.93	43.92	0.03
SS-7	382	392	0	2249.63	0.02	58.78	41.19	0.01
SS-7	392	402	14.29	2249.19	0.18	71.6	28.21	0.01
SS-7	402	412	0	2251.42	0.11	17.46	82.37	0.06
SS-7	412	422	0	2250.57	0.06	33.58	66.36	0.01
SS-7	422	432	0	2250.44	0.07	33.93	65.72	0.28
SS-7	432	442	0	2250.61	0.15	45.78	51.56	2.51
SS-7	442	447.2	0	2248.87	0.31	63.2	36.44	0.05
SS-7	447.2	449	0	2251.96	0	8.14	91.86	0
SS-7	449	456	0	2250.95	0	27.68	71.4	0.92
SS-7	456	458.2	0	2250.72	1.74	45.22	50.43	2.61
SS-7	458.2	467	0	2249.94	0.07	52.41	47.42	0.1
SS-7	467	472.4	0	2251.2	0.24	17.19	82.47	0.09
SS-7	472.4	478	0	2250.9	0.05	26.11	73.81	0.03
SS-7	478	485.6	0	2250.43	0.08	33.62	66.3	0
SS-7	485.6	495	0	2249.09	0.14	63	36.83	0.02
SS-7	495	499	0	2250.78	0.02	21.14	78.79	0.05
SS-7	499	502	0	2250.72	0.33	25.66	73.99	0.02
SS-7	502	504	0	2251.23	1.41	19.81	78.76	0.02
SS-7	504	510	0	2251.24	0.22	15.44	84.17	0.16
SS-7	510	512.3	0	2250.3	0	38.87	61.13	0
SS-7	512.3	515	0	2251.04	0	17.7	82.3	0

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
SS-7	303.3	308	0	0	0	0
SS-7	308	315.5	0	0	0	0
SS-7	315.5	320.4	0	0	0	0
SS-7	320.4	323.5	0	0	0	0
SS-7	323.5	326.5	0	0	0	0
SS-7	326.5	333.5	0	0	0	0
SS-7	333.5	341.1	2352.35	2204.8	1.77	1.68
SS-7	341.1	352	0	0	0	0
SS-7	352	359	0	0	0	0
SS-7	359	363	2354.64	2204.12	0.72	1.37
SS-7	363	372	0	0	0	0
SS-7	372	382	0	0	0	0
SS-7	382	392	0	0	0	0
SS-7	392	402	0	0	0	0
SS-7	402	412	0	0	0	0
SS-7	412	422	0	0	0	0
SS-7	422	432	2354.03	2204.34	0.67	1.38
SS-7	432	442	0	0	0	0
SS-7	442	447.2	2356.28	2204.59	0.47	1.16
SS-7	447.2	449	0	0	0	0
SS-7	449	456	0	0	0	0
SS-7	456	458.2	0	0	0	0
SS-7	458.2	467	0	0	0	0
SS-7	467	472.4	0	0	0	0
SS-7	472.4	478	0	0	0	0
SS-7	478	485.6	0	0	0	0
SS-7	485.6	495	0	0	0	0
SS-7	495	499	0	0	0	0
SS-7	499	502	0	0	0	0
SS-7	502	504	2356.49	2203.26	0.57	1.1
SS-7	504	510	0	0	0	0
SS-7	510	512.3	0	0	0	0
SS-7	512.3	515	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
SS-7	515	523	319176	10.67	57.56	0.06	37.72	5.07
SS-7	523	531	324142	4.83	36.84	0.15	69.92	7.85
SS-7	531	540	350881	6.28	22.55	0.22	75.91	3.7
SS-7	540	551.5	498978	3.95	36.46	0.06	69.61	9.44
SS-7	551.5	556.1	175098	2.72	25.53	0.02	89.23	3.02
SS-7	556.1	559.5	139542	5.4	30.77	0.25	76.74	6.7
SS-7	559.5	564.2	196017	6.08	49.22	0.89	42.76	8.08
SS-7	564.2	567	127091	4.37	13.96	0.64	54.89	6.38
SS-7	567	570	126823	5.57	56.6	0.01	30.88	11.67
SS-7	570	575.5	231002	8.5	53.45	0.01	27.15	16.31
SS-7	575.5	579.4	177903	27.48	44.07	0.01	15.84	9.45
SS-7	579.4	584	187801	12.42	50.37	0.01	27.37	6.44
SS-7	584	593	353886	12.1	58.12	0.01	11.07	8.83
SS-7	593	604	471671	8.94	46.25	0.19	32.11	17.34
SS-7	604	612	331111	8.67	33.27	0.17	47.5	16.45
SS-7	612	618.3	281710	9.08	36.94	0.4	40.36	15.98
SS-7	618.3	626	321103	4.91	40.81	0.19	63.89	11.76
SS-7	626	631.2	207588	9.35	50.66	1.19	29.64	14.11
SS-7	631.2	634.8	140078	14.67	36.63	0.67	26.37	13.75
SS-7	634.8	641.2	283015	4.85	31	0.51	73.93	6.06
SS-7	641.2	653.8	494480	25.91	41.15	0.77	23.9	4.85
SS-7	653.8	659	217291	11.32	34.23	1.21	46.71	6.55
SS-7	659	665	269937	5	33.23	1.23	81.12	2.43
SS-7	665	672	304821	6.92	32.18	0.74	73.17	3.58
SS-7	672	674.5	111794	3.18	6.51	0.29	37.5	2.12
SS-7	674.5	680	231882	4.92	41.43	0.97	77.38	1.62
SS-7	680	683.5	149562	5.4	17	0.64	34.3	2.15
SS-7	683.5	689	222771	10.01	56.37	0.21	33.92	2.41
SS-7	689	693	155714	5.17	24.59	0.66	23.75	4.88
SS-7	693	695	82875	1.47	4.49	0.19	21.71	1.99
SS-7	695	702.4	292403	5.97	26.03	0.31	30.66	3.49
SS-7	702.4	707.5	204743	2.87	45.26	0.29	60.57	1.27
SS-7	707.5	711	132926	4.34	29.35	0.6	68.25	2.9

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
SS-7	515	523	1.25	1.02	1.78	0	17.75	0
SS-7	523	531	0.38	1.24	1.17	0.02	12.27	0
SS-7	531	540	3.1	2.24	1.26	0	10.56	0
SS-7	540	551.5	0.23	4.59	1.66	0	23.7	0
SS-7	551.5	556.1	0.39	1.35	1.21	0	9.05	0
SS-7	556.1	559.5	0.52	2.88	0.34	0.23	11.7	0
SS-7	559.5	564.2	0.38	2.54	1.21	0	18.09	0
SS-7	564.2	567	0.3	1.02	2.38	0.08	12.49	0
SS-7	567	570	0.45	1.74	1.48	0	29.7	0
SS-7	570	575.5	0.22	2.27	1.1	0	22.42	0
SS-7	575.5	579.4	1.54	1.2	2.18	0	10.74	0
SS-7	579.4	584	0.03	2.48	2.49	0	19.39	0
SS-7	584	593	0.11	2.85	1.35	0	22.4	0
SS-7	593	604	0.1	1.32	1.58	0	18.95	0
SS-7	604	612	0.06	1.41	2.11	0	19.83	0
SS-7	612	618.3	0.14	1.54	2.42	0.01	21.94	0
SS-7	618.3	626	0.44	2.14	0.68	0	11.6	0
SS-7	626	631.2	1.56	1.69	0.87	0	20.15	0
SS-7	631.2	634.8	1.8	1.44	1.75	0	23.53	0
SS-7	634.8	641.2	1.07	2.41	1.62	0	20.5	0
SS-7	641.2	653.8	6.38	2.06	1.51	0	8.7	0
SS-7	653.8	659	1.62	3.09	1.47	0	22.88	0
SS-7	659	665	2.03	4.66	0.59	0	14.74	0
SS-7	665	672	1.81	2.35	2.39	0	17.98	0
SS-7	672	674.5	0.14	0.47	0.58	0	79.47	0
SS-7	674.5	680	2.62	2.86	1.47	0	22.67	0
SS-7	680	683.5	0.91	0.62	2.15	0	61.24	0
SS-7	683.5	689	1.67	0.48	1.92	0	24.66	0
SS-7	689	693	0.06	1.43	1.74	0.19	65.66	0
SS-7	693	695	0.08	1.22	0.95	0	81.98	0
SS-7	695	702.4	0.54	0.74	1.34	0	61.82	0
SS-7	702.4	707.5	0.11	0.48	1.5	0	43.61	0
SS-7	707.5	711	0.87	0.56	6.92	0	31.9	0

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
SS-7	515	523	0.05	0.06	0	0	0	0
SS-7	523	531	0	0	0	0	0	0
SS-7	531	540	0.12	0.01	0	0	0	0
SS-7	540	551.5	0.07	0.01	0	0	0	0.02
SS-7	551.5	556.1	0	0.01	0	0	0	0
SS-7	556.1	559.5	0	0.02	0	0	0	0
SS-7	559.5	564.2	0.03	0.01	0	0	1.02	0
SS-7	564.2	567	0	0.02	0	0.01	24.08	0
SS-7	567	570	0.04	0.01	0	0.01	0	0.04
SS-7	570	575.5	0.04	0.07	0	0	0.02	0
SS-7	575.5	579.4	0	0.39	0	0	0.01	0
SS-7	579.4	584	0	0.24	0	0	0.25	0
SS-7	584	593	0.26	0.02	0	0.01	0	0
SS-7	593	604	0.22	0.03	0	0	0	0
SS-7	604	612	0.27	0.01	0	0	0.42	0.02
SS-7	612	618.3	0.2	0.02	0	0	0.02	0.02
SS-7	618.3	626	0.18	0.01	0	0	0.01	0.02
SS-7	626	631.2	0.01	0.01	0	0	0.01	0.08
SS-7	631.2	634.8	0.03	0.1	0	0.01	0.16	0
SS-7	634.8	641.2	0	0.02	0	0	0	0.04
SS-7	641.2	653.8	0.01	0.24	0	0	0.06	0
SS-7	653.8	659	0.18	0.03	0	0	0.03	0.01
SS-7	659	665	0.01	0.01	0	0	0	0
SS-7	665	672	0	0.01	0	0	0	0
SS-7	672	674.5	0.08	0.03	0	0	0	0
SS-7	674.5	680	0	0	0	0	0	0
SS-7	680	683.5	0.09	0.01	0	0	0	0
SS-7	683.5	689	0.01	0.01	0	0	0	0
SS-7	689	693	0.16	0.02	0	0	0	0.02
SS-7	693	695	0.73	0	0.02	0.01	0	0
SS-7	695	702.4	0.48	0.03	0	0	0	0
SS-7	702.4	707.5	0.64	0	0	0	0	0
SS-7	707.5	711	0.02	0.03	0	0	0	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
SS-7	515	523	0.07	0	0	0	0	0.08	0.02
SS-7	523	531	0.05	0	0	0	0	0.07	0
SS-7	531	540	0.09	0	0	0	0	0.01	0
SS-7	540	551.5	0.2	0	0	0	0	0.08	0
SS-7	551.5	556.1	0.02	0	0	0	0	0	0
SS-7	556.1	559.5	0.21	0	0	0	0.32	0	0
SS-7	559.5	564.2	1.33	0	0	0	3.48	0.08	0.06
SS-7	564.2	567	0.19	0	0	0	28.34	0	0
SS-7	567	570	0.05	0	0	0	0.04	0	0.03
SS-7	570	575.5	0.1	0	0	0	0.01	0.12	0
SS-7	575.5	579.4	0.08	0	0	0	0	0.02	0
SS-7	579.4	584	0.13	0	0	0	0	0.04	0
SS-7	584	593	0.11	0	0	0	0	0.03	0
SS-7	593	604	0.23	0	0	0	0	0.05	0
SS-7	604	612	0.13	0	0	0	0.07	0.14	0
SS-7	612	618.3	0.23	0	0	0	0	0.08	0
SS-7	618.3	626	0.03	0	0	0	0	0.02	0
SS-7	626	631.2	0.03	0	0.02	0	0	0.32	0
SS-7	631.2	634.8	0.07	0	0	0	0.01	0.23	0
SS-7	634.8	641.2	0.13	0	0	0	0	0.03	0
SS-7	641.2	653.8	0.05	0	0	0	0	0.01	0
SS-7	653.8	659	0.09	0	0	0	0	0.03	0
SS-7	659	665	0.09	0	0	0	0.01	0.01	0
SS-7	665	672	0.05	0	0	0	0.04	0.01	0
SS-7	672	674.5	0.18	0	0	0	0	4.16	0
SS-7	674.5	680	0.07	0	0	0	0	0.01	0
SS-7	680	683.5	0.24	0	0	0	0	1.43	0
SS-7	683.5	689	0.1	0	0	0	0	0.14	0
SS-7	689	693	0.27	0	0	0	0	1.21	0
SS-7	693	695	0.07	0	0	0	0	4.25	0
SS-7	695	702.4	0.15	0	0	0	0	0.38	0
SS-7	702.4	707.5	0.09	0	0	0	0	0.17	0
SS-7	707.5	711	0.04	0	0	0	0	0.04	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
SS-7	515	523	2347.06	2250.71	2335.4	1557.61	2194.29
SS-7	523	531	2336.93	2250.35	2335.02	1559.29	2199.24
SS-7	531	540	2338.53	2251.75	2336.22	1557.68	2193.37
SS-7	540	551.5	2339.78	2250.92	2335.1	1559.12	2195.75
SS-7	551.5	556.1	2341.52	2252.31	2336.09	0	0
SS-7	556.1	559.5	2334.8	2250.26	2334.08	1560.65	2201.92
SS-7	559.5	564.2	2325.96	2247.1	2334.84	1555.11	2196.29
SS-7	564.2	567	2319.24	2245.99	2337.17	0	0
SS-7	567	570	2335.64	2248.12	2334.33	1563.2	0
SS-7	570	575.5	2344.81	2250.65	2334.74	1556.59	2195.1
SS-7	575.5	579.4	2347.22	2251.9	2336.27	0	2196.41
SS-7	579.4	584	2347.83	2250.77	2334.83	1567.05	2194
SS-7	584	593	2347.91	2250.77	2333.25	1558.53	2196.61
SS-7	593	604	2346.96	2251.96	2334.6	1559.32	2197.65
SS-7	604	612	2344.03	2251.54	2334.58	1559.34	2196.35
SS-7	612	618.3	2344.32	2251.93	2331.5	1558.73	2196.1
SS-7	618.3	626	2331.87	2250.94	2334.73	1557.91	2196.07
SS-7	626	631.2	2333.15	2250.27	2330.2	0	2195.54
SS-7	631.2	634.8	2347.15	2251.33	2332.71	1554.78	2194.75
SS-7	634.8	641.2	2340.79	2251.1	2334.1	1553.23	2194.66
SS-7	641.2	653.8	2345.72	2251.76	2334.63	1549.55	2196.2
SS-7	653.8	659	2342.91	2251.17	2335.19	1557.67	2196.05
SS-7	659	665	2334.32	2250.91	2332.11	0	2195.41
SS-7	665	672	2341.37	2251.3	2330.57	0	2199.16
SS-7	672	674.5	2331.8	2249.96	2333.19	1562.25	2194.37
SS-7	674.5	680	2333.43	2249.16	2331.23	0	2192.45
SS-7	680	683.5	2343.94	2251.05	2334.74	1558.94	2196.26
SS-7	683.5	689	2347.06	2251.19	2334.21	1558.2	2195.64
SS-7	689	693	2340.35	2250.21	2332.64	1558.37	2195.21
SS-7	693	695	2341.42	2250.27	2333.78	1564.01	2195.11
SS-7	695	702.4	2336.25	2250.16	2333.61	1562.08	2195.04
SS-7	702.4	707.5	2341.72	2250.09	2336.2	1561.03	2194.26
SS-7	707.5	711	2340.27	2251.58	2334.44	1560.97	2194.84

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
SS-7	515	523	0.05	14.86	79.73	5.41	0
SS-7	523	531	0.03	5.41	54.05	37.84	2.7
SS-7	531	540	0.04	25	75	0	0
SS-7	540	551.5	0.11	2.55	94.9	1.91	0.64
SS-7	551.5	556.1	0	0	0	0	0
SS-7	556.1	559.5	0.1	0	0	100	0
SS-7	559.5	564.2	0.11	0	96.3	3.7	0
SS-7	564.2	567	0	0	0	0	0
SS-7	567	570	0	0	0	0	0
SS-7	570	575.5	0.1	0.55	98.36	0.55	0.55
SS-7	575.5	579.4	0.08	0	100	0	0
SS-7	579.4	584	0.04	43.48	47.83	6.52	2.17
SS-7	584	593	0.06	3.7	93.83	2.47	0
SS-7	593	604	0.12	3.51	89.47	7.02	0
SS-7	604	612	0.09	0.73	98.55	0.73	0
SS-7	612	618.3	0.06	0.95	96.19	1.9	0
SS-7	618.3	626	0.07	0	100	0	0
SS-7	626	631.2	0.05	4.94	87.65	7.41	0
SS-7	631.2	634.8	0.09	4.48	95.52	0	0
SS-7	634.8	641.2	0.05	10.87	86.96	2.17	0
SS-7	641.2	653.8	0.06	4.35	91.3	4.35	0
SS-7	653.8	659	0.06	12.5	75	12.5	0
SS-7	659	665	0.04	0	100	0	0
SS-7	665	672	0.04	0	60	40	0
SS-7	672	674.5	0.14	1.39	98.09	0.52	0
SS-7	674.5	680	0.09	40	60	0	0
SS-7	680	683.5	0.1	1.57	96.17	2.09	0.17
SS-7	683.5	689	0.06	4.48	92.54	2.99	0
SS-7	689	693	0.08	3.46	95.32	1.22	0
SS-7	693	695	0.21	1.4	98.6	0	0
SS-7	695	702.4	0.08	5.34	93.8	0.85	0
SS-7	702.4	707.5	0.13	5.29	94.71	0	0
SS-7	707.5	711	0.05	0	100	0	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
SS-7	515	523	0	2251.48	0.06	13.95	85.74	0.25
SS-7	523	531	0	2250.93	0.08	30.68	68.95	0.29
SS-7	531	540	0	2250.13	0.81	28.15	70.97	0.06
SS-7	540	551.5	0	2250.66	0.24	29.88	69.84	0.04
SS-7	551.5	556.1	0	2252.64	0	2.65	97.26	0.09
SS-7	556.1	559.5	0	2250.06	0.58	40.8	57.78	0.84
SS-7	559.5	564.2	0	2247.71	1.01	79.19	19.81	0
SS-7	564.2	567	0	2245.61	0.79	96.04	3.17	0
SS-7	567	570	0	2249.1	0.02	69.62	30.35	0
SS-7	570	575.5	0	2250.48	0.08	39.4	60.45	0.06
SS-7	575.5	579.4	0	2251.88	0.62	16.31	80.79	2.27
SS-7	579.4	584	0	2251.71	0.15	11.95	87.76	0.15
SS-7	584	593	0	2251.12	0.01	16.62	83.23	0.14
SS-7	593	604	0	2251.24	0.04	17.65	82.23	0.07
SS-7	604	612	0	2250.94	0.06	22.44	77.29	0.21
SS-7	612	618.3	0.95	2251.82	0.14	10.94	88.52	0.4
SS-7	618.3	626	0	2250.66	0	28.69	71.27	0.04
SS-7	626	631.2	0	2250.44	0.05	35.32	64.56	0.07
SS-7	631.2	634.8	0	2251.81	0.02	14.62	85.19	0.17
SS-7	634.8	641.2	0	2250.97	0.3	25.13	74.17	0.4
SS-7	641.2	653.8	0	2251.87	0.65	13.41	83.28	2.67
SS-7	653.8	659	0	2251.31	0.09	16.11	83.65	0.16
SS-7	659	665	0	2250.88	0.17	24.36	75.05	0.42
SS-7	665	672	0	2251.69	0.17	17.82	81.49	0.52
SS-7	672	674.5	0	2252.63	0	4.19	95.79	0.01
SS-7	674.5	680	0	2250.68	0.07	28.31	71.62	0
SS-7	680	683.5	0	2251.57	0.01	16.05	83.85	0.09
SS-7	683.5	689	0	2252.31	0.02	1.98	97.98	0.03
SS-7	689	693	0	2251	0	22.21	77.77	0.02
SS-7	693	695	0	2252.35	0.01	5.25	94.7	0.04
SS-7	695	702.4	0	2249.75	0.01	54.66	45.32	0.01
SS-7	702.4	707.5	0	2249.45	0	61.99	38.01	0
SS-7	707.5	711	0	2250.32	0.03	36.03	63.91	0.04

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
SS-7	515	523	0	0	0	0
SS-7	523	531	0	0	0	0
SS-7	531	540	0	0	0	0
SS-7	540	551.5	0	0	0	0
SS-7	551.5	556.1	0	0	0	0
SS-7	556.1	559.5	2359.04	2203.25	0.95	1.15
SS-7	559.5	564.2	2360.03	2203.36	0.67	1.09
SS-7	564.2	567	2360.32	2203.48	0.74	1.13
SS-7	567	570	2354.8	2203.76	1.23	1.19
SS-7	570	575.5	2353.47	2204.61	0.4	1.04
SS-7	575.5	579.4	2357.26	2200.29	0.39	1.13
SS-7	579.4	584	0	0	0	0
SS-7	584	593	0	0	0	0
SS-7	593	604	0	0	0	0
SS-7	604	612	2358.36	2203	0.78	1.12
SS-7	612	618.3	0	0	0	0
SS-7	618.3	626	0	0	0	0
SS-7	626	631.2	0	0	0	0
SS-7	631.2	634.8	0	0	0	0
SS-7	634.8	641.2	0	0	0	0
SS-7	641.2	653.8	2360.05	2203.5	0.46	1.09
SS-7	653.8	659	0	0	0	0
SS-7	659	665	2357.75	2204.03	0.42	1.03
SS-7	665	672	2362.23	2202.79	0.57	1.04
SS-7	672	674.5	0	0	0	0
SS-7	674.5	680	0	0	0	0
SS-7	680	683.5	0	0	0	0
SS-7	683.5	689	0	0	0	0
SS-7	689	693	0	0	0	0
SS-7	693	695	0	0	0	0
SS-7	695	702.4	0	0	0	0
SS-7	702.4	707.5	0	0	0	0
SS-7	707.5	711	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
SS-7	711	714	109161	8.19	45.25	0.31	65.11	3.91
SS-7	714	720.5	258274	4.12	36.48	0.85	80.7	2.49
SS-7	720.5	722	58400	8.5	31.62	0.29	49.85	9.79
SS-8	31	32.8	65363	34.57	13	0.16	21.51	0.98
SS-8	32.8	34	43694	19.75	12.63	2.34	35.4	1.51
SS-8	34	43	325396	31.61	12.06	0.74	12.14	2.11
SS-8	43	49.8	255790	34.85	1.58	5.17	18.74	11.26
SS-8	49.8	58	370965	35.05	20.09	0.28	8.5	0.85
SS-8	58	68	397631	11.74	9.94	0.02	33.37	4.45
SS-8	68	78	402724	25.6	14	1.88	23.57	5.38
SS-8	78	88	412087	19.49	41.59	1.04	8.83	0.94
SS-8	88	96	336287	17.28	43.93	0.94	10.29	3.09
SS-8	96	106	410177	14.15	54.83	0.21	22.88	2.21
SS-8	106	116	408804	22.22	47.09	0.53	5.93	1.11
SS-8	116	123	296190	17.63	35.41	0.06	9.66	3.87
SS-8	123	132.2	384757	17.03	58.39	0.27	13.65	5.21
SS-8	132.2	141	363094	15.9	42.33	0.14	31.47	5.87
SS-8	141	151	384653	17.25	58.11	0.03	21.22	2.75
SS-8	151	159.5	297171	15.09	48.91	0.2	12.07	1.88
SS-8	159.5	168.5	353681	10.62	37.23	0.03	41.35	4.72
SS-8	168.5	177.5	373832	12.72	55.2	1.53	16.34	0.54
SS-8	177.5	186.5	373069	9.53	55.13	0.84	33.84	0.92
SS-8	186.5	196	397176	15.03	56.29	0.81	28.77	3.56
SS-8	196	203	281601	20.5	48.69	0.04	13.6	1.08
SS-8	203	213	432925	17.23	55.86	0.07	20.95	3.64
SS-8	213	215.5	97737	19.44	37.13	0.38	30.69	8.21
SS-8	215.5	217.2	68475	12.1	18.6	1.51	38.18	8.97
SS-8	217.2	221	148680	7.15	22.75	0.15	4.41	1.23
SS-8	221	223.5	106938	13.54	35.24	0.45	30.9	8.99
SS-8	223.5	226	104573	17.21	28.44	0.26	21.96	12.28
SS-8	226	229.5	148222	31.62	24.41	0.04	28.5	10.9
SS-8	229.5	236	280512	21.99	29.05	0.2	47.63	3.96
SS-8	236	242	249654	17.75	31.79	0.04	42.28	8.61

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
SS-7	711	714	2.13	1	3.21	0	18.77	0
SS-7	714	720.5	2.68	3.07	1.76	0	16.95	0
SS-7	720.5	722	0.88	1.55	1.74	0	31.93	0
SS-8	31	32.8	1.6	2.31	0.81	0.03	28.03	1.02
SS-8	32.8	34	3.19	2.66	2.05	0	23.43	1.06
SS-8	34	43	1.5	2.75	2.82	0.04	40.73	0.49
SS-8	43	49.8	2.84	1.39	0.94	0.03	26.54	0.29
SS-8	49.8	58	2.06	2.44	2.82	0	29.84	1.23
SS-8	58	68	0.36	6.61	1.1	0	66.96	0.32
SS-8	68	78	2.15	4.78	4.49	0.01	38.27	1.42
SS-8	78	88	0.14	0.99	1.77	0	32.53	2.07
SS-8	88	96	0.45	1.17	0.77	0	29.38	19.47
SS-8	96	106	0.82	1.84	0.68	0	22.26	7.96
SS-8	106	116	1.46	1.28	0.77	0	24.46	32.46
SS-8	116	123	0.28	1.21	0.76	0	39.52	0.64
SS-8	123	132.2	1.58	1.22	0.47	0	13.68	0.42
SS-8	132.2	141	1.86	0.85	0.89	0	21.17	0.02
SS-8	141	151	3.72	0.87	0.76	0	14.03	0.39
SS-8	151	159.5	1.1	0.77	2.66	0	29.64	0.74
SS-8	159.5	168.5	3.78	3.55	1.83	0	28.37	0
SS-8	168.5	177.5	1.48	0.61	0.57	0	29.39	0
SS-8	177.5	186.5	1.69	2.38	0.56	0	28.77	0
SS-8	186.5	196	8.74	3.96	1.37	0	12.27	0
SS-8	196	203	2.73	2.39	1.8	0	18.05	0
SS-8	203	213	2.27	2.09	3.21	0	11.8	0
SS-8	213	215.5	0.58	2.71	6.73	0	16.92	0
SS-8	215.5	217.2	0.14	1.96	2.41	0.08	16.56	0
SS-8	217.2	221	0.03	1.88	0.62	0	64.92	0
SS-8	221	223.5	0.19	4.9	0.58	0	23.12	0
SS-8	223.5	226	0.26	4.71	3.11	0	33.7	0
SS-8	226	229.5	3.18	1.02	2.57	0	8.83	0
SS-8	229.5	236	3.7	0.5	1.66	0	6.43	0
SS-8	236	242	1.57	1.57	4.05	0	15.69	0

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
SS-7	711	714	0	0	0	0	0	0
SS-7	714	720.5	0.07	0.01	0	0	0	0
SS-7	720.5	722	0.22	0.02	0	0	0	0.01
SS-8	31	32.8	0	0	0	0	8.01	0.02
SS-8	32.8	34	0	0	0	0	31.3	0
SS-8	34	43	0	0.03	0	0	0.06	0.07
SS-8	43	49.8	0	0.01	0	0	0	0.01
SS-8	49.8	58	0.31	0.01	0	0	0.58	0
SS-8	58	68	0.22	0.03	0	0	0	0
SS-8	68	78	0.02	0.07	0	0	1.26	0
SS-8	78	88	0.44	0	0	0	0.04	0.14
SS-8	88	96	0.83	0	0	0	0.97	0.01
SS-8	96	106	0.3	0	0	0	0.08	0.01
SS-8	106	116	1.2	0	0	0	0	0.2
SS-8	116	123	0.67	0	0	0	0.68	0.09
SS-8	123	132.2	0.35	0	0	0	0.03	0.01
SS-8	132.2	141	0.24	0	0	0	1.32	0
SS-8	141	151	0.1	0	0	0	0	0
SS-8	151	159.5	0.33	0	0	0	0.01	0
SS-8	159.5	168.5	0.15	0.01	0	0	0	0.13
SS-8	168.5	177.5	0.07	0	0	0	0.45	0.47
SS-8	177.5	186.5	0.15	0	0	0	0.11	0.02
SS-8	186.5	196	0.04	0	0	0	0	0
SS-8	196	203	0.63	0	0	0	0.02	0
SS-8	203	213	0	0	0	0	0.01	0
SS-8	213	215.5	0	0	0	0	0	0
SS-8	215.5	217.2	0	0.02	0	0	4.9	0
SS-8	217.2	221	1.28	0	0	0	0	0.02
SS-8	221	223.5	0	0	0	0	0	0
SS-8	223.5	226	0.02	0	0	0	0	0
SS-8	226	229.5	0	0	0	0	0	0
SS-8	229.5	236	0.01	0	0	0	0	0
SS-8	236	242	0	0	0	0	0	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
SS-7	711	714	0.08	0	0	0	0	0.04	0
SS-7	714	720.5	0.04	0	0	0	0	0.02	0
SS-7	720.5	722	0.29	0	0	0	0.01	0.01	0
SS-8	31	32.8	0.59	0	0	0	0.79	0.04	0.06
SS-8	32.8	34	0.28	0.13	0	0	0	0.02	0.01
SS-8	34	43	0.5	0.01	0	0	1.01	0.07	0
SS-8	43	49.8	0.45	0	0	0	0	0.22	0
SS-8	49.8	58	1.11	0	0	0	0.08	0.26	0
SS-8	58	68	1.41	0	0	0	0.02	0.12	0
SS-8	68	78	0.58	0.05	0	0	0.02	0.4	0
SS-8	78	88	0.9	0	0	0	0.03	0.89	0.01
SS-8	88	96	0.16	3.76	0	0	0.01	0.17	0
SS-8	96	106	0.49	0.26	0	0	0	0.05	0
SS-8	106	116	0.67	0.64	0	0	0.01	0.11	0.09
SS-8	116	123	0.44	0	0	0	0.74	0.24	0
SS-8	123	132.2	1.63	0	0	0	0.04	0.21	0
SS-8	132.2	141	1.57	0	0	0	0.03	0.14	0
SS-8	141	151	0.56	0	0	0	0	0.01	0
SS-8	151	159.5	1.76	0	0	0	0.06	0.09	0
SS-8	159.5	168.5	0.78	0	0	0	0.02	0.06	0
SS-8	168.5	177.5	1.87	0	0	0	0.54	0.26	0.03
SS-8	177.5	186.5	0.93	0	0	0	0.01	0.06	0
SS-8	186.5	196	0.05	0	0	0	0	0.02	0.01
SS-8	196	203	1.92	0	0	0	0	0.02	0
SS-8	203	213	0.09	0	0	0	0	0.04	0
SS-8	213	215.5	0.13	0	0	0	0.28	0.3	0
SS-8	215.5	217.2	0.93	0	0	0	18.83	0.01	0
SS-8	217.2	221	0.43	0	0	0	0.96	0.2	0
SS-8	221	223.5	0.18	0	0	0	5.75	0.02	0
SS-8	223.5	226	0.17	0	0	0	0	0.04	0
SS-8	226	229.5	0.07	0	0	0	3	0.01	0
SS-8	229.5	236	0.08	0	0	0	0	0.01	0
SS-8	236	242	0.14	0	0	0	0	0.02	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
SS-7	711	714	2344.54	2251.51	2335.05	0	2194.23
SS-7	714	720.5	2339.98	2250.35	2335.02	1557.48	2196.76
SS-7	720.5	722	2339.7	2250.13	2335.71	1555.33	0
SS-8	31	32.8	2319.91	2248.63	2328	0	2202.23
SS-8	32.8	34	2319.71	2248.06	2335.14	0	0
SS-8	34	43	2321.39	2248.5	2333.91	0	2198.45
SS-8	43	49.8	2327.69	2248.94	2334.63	1558.23	2194.49
SS-8	49.8	58	2321.56	2248.68	2332.61	1555.85	2196.55
SS-8	58	68	2323.24	2248.85	2333.31	1559.3	2196.51
SS-8	68	78	2322.63	2248.9	2333.86	1556.58	2197.27
SS-8	78	88	2314.47	2248.11	2334.1	1556.27	2195.29
SS-8	88	96	2316.06	2248.43	2334.14	1562.74	2195.3
SS-8	96	106	2316.47	2248.17	2334.19	1556.94	2195.74
SS-8	106	116	2314.21	2248.01	2334.05	1560.57	2196.01
SS-8	116	123	2315.97	2248.04	2335.03	1559.47	2196.74
SS-8	123	132.2	2316.02	2248.22	2332.06	1560.87	2195.65
SS-8	132.2	141	2323.52	2248.1	2334.14	1560.57	2196.55
SS-8	141	151	2324.09	2248.15	2332.64	1559.11	2196.63
SS-8	151	159.5	2322.78	2248.66	2333.6	1558.92	2196.42
SS-8	159.5	168.5	2322.12	2248.97	2333.26	1560.66	2198.79
SS-8	168.5	177.5	2315.06	2245.56	2335.31	1562	2196.18
SS-8	177.5	186.5	2316.15	2247.62	2333.69	1556.69	2196.95
SS-8	186.5	196	2321.91	2248.55	2331.52	1556.97	2195.12
SS-8	196	203	2324.55	2248.4	2331.44	1560.27	2197.44
SS-8	203	213	2331	2248.61	2331.57	0	2194.91
SS-8	213	215.5	2334.06	2247.91	2331.68	0	2196.02
SS-8	215.5	217.2	2311.73	2246.02	2330.57	0	2196.51
SS-8	217.2	221	2311.03	2246.49	2333.53	1563.91	2197.58
SS-8	221	223.5	2317.43	2247.31	2331.2	0	2193.88
SS-8	223.5	226	2322.87	2249.08	2331.75	1564.34	2197.49
SS-8	226	229.5	2329.93	2249.18	2331.96	0	2200.51
SS-8	229.5	236	2329.23	2249.22	2332.14	1550.06	0
SS-8	236	242	2329.85	2250.46	2332.81	0	2193.61

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
SS-7	711	714	0.06	7.69	92.31	0	0
SS-7	714	720.5	0.09	8	92	0	0
SS-7	720.5	722	0	0	0	0	0
SS-8	31	32.8	0.07	0	21.43	78.57	0
SS-8	32.8	34	0.02	0	0	0	0
SS-8	34	43	0.05	10.45	61.19	28.36	0
SS-8	43	49.8	0.02	36.36	54.55	9.09	0
SS-8	49.8	58	0.08	5.35	86.48	8.17	0
SS-8	58	68	0.06	4.02	85.71	10.27	0
SS-8	68	78	0.08	4.83	85.93	9.24	0
SS-8	78	88	0.07	6.09	90.1	3.75	0.06
SS-8	88	96	0.07	7.53	91.63	0.84	0
SS-8	96	106	0.05	5.26	94.74	0	0
SS-8	106	116	0.09	0.68	95.95	3.38	0
SS-8	116	123	0.09	0.74	95.17	4.09	0
SS-8	123	132.2	0.26	22.45	68.62	7.14	0
SS-8	132.2	141	0.1	0.52	94.24	5.24	0
SS-8	141	151	0.05	0	90	10	0
SS-8	151	159.5	0.07	2.88	87.5	7.69	0.96
SS-8	159.5	168.5	0.12	0	70.37	29.63	0
SS-8	168.5	177.5	0.12	1.9	94.29	3.8	0
SS-8	177.5	186.5	0.09	0	95.29	4.71	0
SS-8	186.5	196	0.07	5.88	94.12	0	0
SS-8	196	203	0.04	0	100	0	0
SS-8	203	213	0.07	10.13	88.61	1.27	0
SS-8	213	215.5	0.06	10.94	76.56	12.5	0
SS-8	215.5	217.2	0.05	0	100	0	0
SS-8	217.2	221	0.11	0	75.36	24.64	0
SS-8	221	223.5	0.1	0	100	0	0
SS-8	223.5	226	0.08	0	68.42	31.58	0
SS-8	226	229.5	0.02	0	0	100	0
SS-8	229.5	236	0.03	100	0	0	0
SS-8	236	242	0.05	16	84	0	0

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
SS-7	711	714	0	2250.59	0.04	37.74	62.01	0.22
SS-7	714	720.5	0	2250.38	0	34.67	65.33	0
SS-7	720.5	722	0	2250.65	0	26.66	73.34	0
SS-8	31	32.8	0	2250.58	0.05	33.37	66.55	0.03
SS-8	32.8	34	0	2249.47	0.05	58.06	41.78	0.11
SS-8	34	43	0	2250.19	0.2	41.87	57.89	0.03
SS-8	43	49.8	0	2251.47	0.15	22.92	76.7	0.23
SS-8	49.8	58	0	2250.28	0.1	37.84	62.02	0.04
SS-8	58	68	0	2249.45	0.1	65.03	34.86	0.01
SS-8	68	78	0	2251.06	0.14	31.58	68.04	0.24
SS-8	78	88	0	2249.26	0.03	64.77	35.2	0
SS-8	88	96	0	2249.06	0.02	74.32	25.66	0
SS-8	96	106	0	2249.53	0.02	65.45	34.54	0
SS-8	106	116	0	2248.79	0.04	79.19	20.76	0.01
SS-8	116	123	0	2249.05	0.05	74.92	25.02	0.02
SS-8	123	132.2	1.79	2249	0.22	71.46	28.3	0.02
SS-8	132.2	141	0	2250.54	0.09	28.11	71.75	0.04
SS-8	141	151	0	2250.64	0.11	28.95	70.94	0
SS-8	151	159.5	0.96	2250.91	0.25	24.33	75.41	0.01
SS-8	159.5	168.5	0	2250.6	0.01	25.45	74.52	0.01
SS-8	168.5	177.5	0	2246.51	1.67	89.92	8.41	0
SS-8	177.5	186.5	0	2249.83	0.06	46.39	53.55	0
SS-8	186.5	196	0	2250.26	0.08	51.49	48.09	0.34
SS-8	196	203	0	2250.78	0.08	19.53	80.39	0
SS-8	203	213	0	2250.49	0.28	32.37	67.31	0.03
SS-8	213	215.5	0	2250.41	0	36.44	63.42	0.14
SS-8	215.5	217.2	0	2245.84	1.04	95.22	3.74	0
SS-8	217.2	221	0	2247.18	0.18	95.89	3.94	0
SS-8	221	223.5	0	2247.43	0	94.73	5.27	0
SS-8	223.5	226	0	2248.31	0.05	86.62	13.34	0
SS-8	226	229.5	0	2250.43	0.08	35.19	64.57	0.16
SS-8	229.5	236	0	2250.59	0.03	26.69	73.26	0.03
SS-8	236	242	0	2250.73	0.04	25.4	74.53	0.04

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
SS-7	711	714	0	0	0	0
SS-7	714	720.5	0	0	0	0
SS-7	720.5	722	0	0	0	0
SS-8	31	32.8	2357.48	2203.96	0.65	1.13
SS-8	32.8	34	0	0	0	0
SS-8	34	43	2357.05	2204.04	0.55	1.19
SS-8	43	49.8	0	0	0	0
SS-8	49.8	58	2353.99	2203.32	1.14	1.11
SS-8	58	68	2354.73	2203.31	0.56	1.13
SS-8	68	78	2354.61	2202.57	0.45	1.05
SS-8	78	88	2355.69	2203.26	0.63	1.07
SS-8	88	96	0	0	0	0
SS-8	96	106	0	0	0	0
SS-8	106	116	2352.58	2203.68	0.39	1.07
SS-8	116	123	2357.81	2203.24	0.48	1.16
SS-8	123	132.2	2356.67	2203.44	0.42	1.1
SS-8	132.2	141	2352.8	2204.88	0.5	1.09
SS-8	141	151	0	0	0	0
SS-8	151	159.5	2353.36	2204.92	0.6	1.51
SS-8	159.5	168.5	2355.71	2204	0.29	1.16
SS-8	168.5	177.5	2352.46	2204.42	1.11	1.25
SS-8	177.5	186.5	2352.59	2204.3	0.54	1.1
SS-8	186.5	196	0	0	0	0
SS-8	196	203	0	0	0	0
SS-8	203	213	0	0	0	0
SS-8	213	215.5	2359.95	2203.44	0.41	1.16
SS-8	215.5	217.2	2360.09	2202.94	0.49	1.08
SS-8	217.2	221	2359.11	2203.39	0.7	1.11
SS-8	221	223.5	2358.87	2202.74	0.55	1.07
SS-8	223.5	226	0	0	0	0
SS-8	226	229.5	2361.04	2202.21	0.45	1.08
SS-8	229.5	236	0	0	0	0
SS-8	236	242	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
SS-8	242	251	353709	14.29	34.71	0.2	28.39	3.69
SS-8	251	258	302326	24.8	45.16	0.05	20.64	2.54
SS-8	258	263	212897	18.7	32.41	0.07	7.47	4.69
SS-8	263	265.5	102818	26.5	32.37	0	16.34	0.95
SS-8	265.5	269	150088	24.33	23.69	0	14	3.91
SS-8	269	273.7	188718	12.9	36.34	9.86	5.03	0.38
SS-8	273.7	283	356148	14.35	44.29	1.66	10.95	0.65
SS-8	283	289	238730	15.06	26.96	0.17	4.9	0.99
SS-8	289	295.5	260592	22.14	24	0.14	43.11	2.29
SS-8	295.5	298	98094	24.6	5.05	3.23	51.51	8.38
SS-8	298	303	207580	19.86	36.92	0.2	20.66	3.46
SS-8	303	312.7	406384	29.02	12.41	4.28	9.52	6.24
SS-8	312.7	317.4	192567	27.1	10.13	4.25	12.45	4.59
SS-8	317.4	324.5	299371	7.73	13.73	0.47	22.25	19.7
SS-8	324.5	331	270643	12.2	13.9	0.29	21.63	22.53
SS-8	331	341	415643	28.5	20.69	0.02	6.47	7.05
SS-8	341	348.5	311628	24.17	9.66	3.29	19.29	8.03
SS-8	348.5	353	193823	29.39	0.93	9.39	33.19	18.7
SS-8	353	357	164280	22.51	37.81	2.13	11.25	1.76
SS-8	357	360.5	133495	22.44	1.65	21.27	34.46	5.08
SS-8	360.5	370	371052	12.03	17.98	0.17	37.02	8.76
SS-8	370	381	457798	13.23	14.92	0.23	22.63	8.08
SS-8	381	385.5	186609	6.73	13.94	0.24	9.06	1.71
SS-8	385.5	394	354621	6.81	9.43	0.05	4.45	1.81
SS-8	394	403.5	399310	13.92	38.14	0.01	1.98	6.06
SS-8	403.5	410.5	289699	6.94	10.41	0	3.2	0.77
SS-8	410.5	418	268841	6.08	1.14	0.03	12.24	0.97
SS-8	418	428	341521	12.29	13.78	0	3.78	0.12
SS-8	428	438.5	447948	9.77	17.7	0	1.69	0.15
SS-8	438.5	449	416258	0.89	0	0	0.69	0.01
SS-8	449	456	288224	1.36	0	0	3.21	0.01
SS-8	456	466	398207	1.74	0.09	0	2.17	0.03
SS-8	466	476	398440	2.23	2.18	0.2	0.9	0.12

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
SS-8	242	251	0.69	0.9	3.49	0	31.23	0
SS-8	251	258	3.58	0.97	2.74	0	14.14	0
SS-8	258	263	0.14	1.94	4.36	0	40.98	0
SS-8	263	265.5	0.59	0.59	10.25	0	19.43	0
SS-8	265.5	269	0.64	0.45	8.45	0	29.17	0
SS-8	269	273.7	4.08	0.88	0.65	0	47.64	0
SS-8	273.7	283	3.13	1.18	0.22	0	38.01	0
SS-8	283	289	0.18	0.65	2.76	0	54.69	0
SS-8	289	295.5	7.24	2.82	3.87	0	17.14	0
SS-8	295.5	298	6.07	0.81	1.37	0	3.16	0
SS-8	298	303	1.61	1.5	3.02	0	31.61	0
SS-8	303	312.7	2.23	1.32	3.22	0.02	28.44	0
SS-8	312.7	317.4	1.61	0.91	2.9	0	38	0
SS-8	317.4	324.5	0.19	2.73	0.81	0	62.56	0
SS-8	324.5	331	0.06	2.21	1.57	0	55.38	0
SS-8	331	341	0.09	1.24	3.35	0	39.49	0
SS-8	341	348.5	1.09	0.37	3.03	0.01	36.37	0
SS-8	348.5	353	1.71	0.16	1.89	0.01	2.67	0
SS-8	353	357	1.36	0.42	3.85	0.07	28.09	0
SS-8	357	360.5	4.41	0.22	1.59	0.23	10.36	0
SS-8	360.5	370	1.33	2.89	2.09	0	48.06	0
SS-8	370	381	0.3	1.63	2.8	0	55.27	0
SS-8	381	385.5	0.02	0.78	1.71	0	73.58	0
SS-8	385.5	394	0.08	0.17	0.61	0	78.91	0
SS-8	394	403.5	0.01	0.37	0.56	0	48.55	0
SS-8	403.5	410.5	0.02	0.12	0.83	0	68.82	0
SS-8	410.5	418	0.01	0.04	4.38	0	82.94	0
SS-8	418	428	0.01	0.11	5.67	0	63.8	0
SS-8	428	438.5	0.01	0.19	2.02	0	70.06	0
SS-8	438.5	449	0	0	0.43	0	97.04	0
SS-8	449	456	0	0	0.77	0	95.36	0
SS-8	456	466	0	0	0.37	0.03	92.66	0
SS-8	466	476	0.03	0.04	0.31	0	94.11	0

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
SS-8	242	251	0.35	0	0	0	0.01	0.16
SS-8	251	258	0.4	0	0	0	0.06	0
SS-8	258	263	0.18	0	0	0	0.04	0.01
SS-8	263	265.5	0	0	0	0	0	0
SS-8	265.5	269	0.03	0	0.01	0	0.49	0.04
SS-8	269	273.7	1.37	0	0	0	0.67	0.02
SS-8	273.7	283	0.65	0	0	0	0	0.13
SS-8	283	289	0.62	0	0	0	0	0.09
SS-8	289	295.5	0.09	0.03	0	0	0	0
SS-8	295.5	298	0	0	0	0	0.03	0
SS-8	298	303	0.49	0	0	0	0	0
SS-8	303	312.7	0.14	0.01	0	0	0	0.04
SS-8	312.7	317.4	0	0.01	0	0	0.01	0
SS-8	317.4	324.5	0.02	0.01	0	0	0	0.01
SS-8	324.5	331	0.14	0.03	0	0	0	0
SS-8	331	341	0.09	0.06	0	0	0.01	0
SS-8	341	348.5	0.01	0.01	0	0	0.13	0
SS-8	348.5	353	0	0.02	0	0	0.01	0
SS-8	353	357	0.05	0	0	0	0	0
SS-8	357	360.5	0	0	0	0	0	0.01
SS-8	360.5	370	0.27	0.01	0	0	0.01	0
SS-8	370	381	1.07	0.04	0	0	0.01	0.19
SS-8	381	385.5	0.83	0	0	0	0.01	0.01
SS-8	385.5	394	1.35	0	0	0	0	0
SS-8	394	403.5	2.25	0	0	0	0	0
SS-8	403.5	410.5	13.37	0	0	0	0.16	0
SS-8	410.5	418	0.38	0.05	0	0	0.01	0
SS-8	418	428	2.39	0.02	0	0	0	0.05
SS-8	428	438.5	2	0.02	0	0	0	0.14
SS-8	438.5	449	1.22	0	0	0	0.01	0
SS-8	449	456	0.12	0	0.09	0	0.01	0.02
SS-8	456	466	2.09	0	0.31	0	0.02	0
SS-8	466	476	0.98	0	0.1	0	0.01	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
SS-8	242	251	0.8	0	0	0	0.11	0.17	0
SS-8	251	258	0.08	0	0	0	0.05	0.01	0
SS-8	258	263	1.05	0	0	0	0.01	0.07	0
SS-8	263	265.5	0.02	0	0	0	0	0.08	0
SS-8	265.5	269	0.5	0	0	0	0.11	0.15	0
SS-8	269	273.7	0.42	0	0	0	0.82	0.27	0
SS-8	273.7	283	0.57	0	0	0	0.34	0.22	0
SS-8	283	289	0.38	0	0	0	0.76	0.39	0
SS-8	289	295.5	0.08	0	0	0	0	0.08	0
SS-8	295.5	298	0.02	0	0	0	0	0.17	0
SS-8	298	303	0.33	0	0	0	0	0.2	0
SS-8	303	312.7	0.57	0	0	0	0	0.73	0
SS-8	312.7	317.4	1.42	0	0	0	0	0.83	0
SS-8	317.4	324.5	0.11	0	0	0	0	0.81	0
SS-8	324.5	331	0.13	0	0	0	0.02	0.09	0
SS-8	331	341	0.92	0	0	0	0.04	0.28	0
SS-8	341	348.5	0.42	0	0	0	0	2.01	0
SS-8	348.5	353	0.02	0	0	0	0	0.22	0
SS-8	353	357	0.3	0	0	0	0	0.87	0
SS-8	357	360.5	1.21	0	0	0	0	0.92	0
SS-8	360.5	370	0.47	0	0	0	0	0.26	0
SS-8	370	381	0.99	0	0	0	0	0.64	0
SS-8	381	385.5	0.47	0	0	0	0.24	2.4	0
SS-8	385.5	394	0.12	0	0	0	0	3.75	0
SS-8	394	403.5	0.04	0	0	0	0	0.15	0
SS-8	403.5	410.5	0.11	0	0	0	0	0.22	0
SS-8	410.5	418	0.47	0	0	0	0.03	2.4	0
SS-8	418	428	1.05	0	0	0	0	4.16	0
SS-8	428	438.5	0.23	0	0	0	0.01	1.95	0
SS-8	438.5	449	0.07	0	0	0	0.02	3.46	0
SS-8	449	456	0.21	0	0	0	0.02	17.54	0
SS-8	456	466	0.11	0	0	0	0	12.96	0
SS-8	466	476	0.17	0	0	0	0	7.42	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
SS-8	242	251	2326.24	2249.38	2333.79	1556.56	2194.94
SS-8	251	258	2325.84	2249.23	2332.21	1552.78	2197.53
SS-8	258	263	2321.73	2249.23	2333.43	1559.19	2196.42
SS-8	263	265.5	2327.09	2250.01	2331.45	0	2195.25
SS-8	265.5	269	2324	2250.55	2332.99	1556.55	2196.6
SS-8	269	273.7	2315.83	2246.47	2335.46	1562.63	2198.05
SS-8	273.7	283	2318.06	2248.65	2332.72	1562.22	2197.39
SS-8	283	289	2323.33	2249.67	2332.1	1560.39	2195.89
SS-8	289	295.5	2328.05	2250.18	2333.66	1551.36	2194.64
SS-8	295.5	298	2325.38	2252.93	2333.02	0	2196.14
SS-8	298	303	2320.02	2249.09	2332.68	1561.18	2196.08
SS-8	303	312.7	2325.26	2250.33	2330.45	1558.04	2197.24
SS-8	312.7	317.4	2327.76	2250.78	2330.15	0	2196.48
SS-8	317.4	324.5	2323.48	2249.77	2334.82	1561.86	2197.67
SS-8	324.5	331	2323.26	2249.84	2334.75	1559.12	2199.17
SS-8	331	341	2325.2	2250.23	2331.89	1556.38	2198.61
SS-8	341	348.5	2324.57	2251.36	2330.64	1566.84	2196.18
SS-8	348.5	353	2330.51	2252.05	2331.93	0	2196.38
SS-8	353	357	2314.59	2249.49	2332.19	1562.42	2195.15
SS-8	357	360.5	2328.04	2250.56	2333.13	0	2196.85
SS-8	360.5	370	2323.74	2249.57	2331.86	1558.63	2197.03
SS-8	370	381	2323.5	2249.61	2333.39	1558.4	2196.79
SS-8	381	385.5	2322.61	2250.44	2327.66	1565.83	2198.01
SS-8	385.5	394	2322.51	2250.66	2332.49	1563.66	2198.21
SS-8	394	403.5	2320.07	2249.92	2332.24	1560.69	2196.28
SS-8	403.5	410.5	2321.28	2249.93	2333.9	1564.74	2197.81
SS-8	410.5	418	2327.17	2249.41	2335.59	1556.91	2196.47
SS-8	418	428	2326.22	2250.06	2332.69	1557.16	2196.82
SS-8	428	438.5	2320.47	2249.6	2332.9	1558.03	2196.82
SS-8	438.5	449	0	2250.95	2336.13	1566.32	2200.72
SS-8	449	456	0	2250.19	2336.37	1562.21	2205.59
SS-8	456	466	2319.29	2247.62	2333.88	1563.77	2205.61
SS-8	466	476	2316.71	2249.4	2334.98	1564.12	2205.41

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
SS-8	242	251	0.08	7.55	92.14	0.31	0
SS-8	251	258	0.05	14.29	42.86	42.86	0
SS-8	258	263	0.05	1.32	84.21	14.47	0
SS-8	263	265.5	0.04	13.73	84.31	1.96	0
SS-8	265.5	269	0.16	1.14	96.59	2.27	0
SS-8	269	273.7	0.08	0.93	69.91	29.17	0
SS-8	273.7	283	0.12	1.4	88.2	10.39	0
SS-8	283	289	0.07	3.65	90.87	5.02	0.46
SS-8	289	295.5	0.06	10.71	89.29	0	0
SS-8	295.5	298	0.02	63.64	9.09	27.27	0
SS-8	298	303	0.06	0.65	94.16	5.19	0
SS-8	303	312.7	0.08	1.93	92.48	5.48	0.11
SS-8	312.7	317.4	0.07	3.62	90.27	6.03	0.09
SS-8	317.4	324.5	0.16	1.12	91.65	7.01	0.21
SS-8	324.5	331	0.1	0	63.04	36.96	0
SS-8	331	341	0.07	0.7	72.41	26.89	0
SS-8	341	348.5	0.09	1.54	97.61	0.59	0.11
SS-8	348.5	353	0.04	2.56	89.74	5.13	2.56
SS-8	353	357	0.07	2.89	95.86	1.25	0
SS-8	357	360.5	0.04	4.14	86.19	8.56	1.1
SS-8	360.5	370	0.08	0.52	92.71	6.77	0
SS-8	370	381	0.11	3.27	91.41	4.62	0.71
SS-8	381	385.5	0.13	0	87.35	12.65	0
SS-8	385.5	394	0.14	0.27	84.93	14.76	0.04
SS-8	394	403.5	0.09	0.49	99.51	0	0
SS-8	403.5	410.5	0.09	1.8	78.38	19.82	0
SS-8	410.5	418	0.13	1.57	96.03	2.4	0
SS-8	418	428	0.07	1.11	95.69	3.18	0.02
SS-8	428	438.5	0.09	1.65	92.81	5.55	0
SS-8	438.5	449	0.25	0.5	33.77	65.56	0.17
SS-8	449	456	0.37	0	7.16	76.58	16.22
SS-8	456	466	0.52	0.05	8.43	75.43	16.09
SS-8	466	476	0.17	0.19	22.6	37.05	40.17

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
SS-8	242	251	0	2250.1	0.11	46.69	53.19	0.02
SS-8	251	258	0	2251.41	0.3	18.72	80.94	0.04
SS-8	258	263	0	2249.25	0.2	63.03	36.77	0
SS-8	263	265.5	0	2249.98	0.07	44.16	55.77	0
SS-8	265.5	269	0	2250.1	0.08	37.23	62.54	0.16
SS-8	269	273.7	0	2248.92	0.01	76.01	23.98	0
SS-8	273.7	283	0	2249.23	0.03	68.73	31.24	0
SS-8	283	289	0	2249.93	0	49.81	50.19	0
SS-8	289	295.5	0	2251.61	0	10.72	89.13	0.15
SS-8	295.5	298	0	2254.82	0	1.89	88.84	9.26
SS-8	298	303	0	2250.18	0	38.57	61.43	0
SS-8	303	312.7	0	2251.21	0.04	21.61	78.18	0.17
SS-8	312.7	317.4	0	2250.7	0.02	31.95	68.02	0
SS-8	317.4	324.5	0	2250.75	0.01	24.08	75.85	0.06
SS-8	324.5	331	0	2250.21	0.02	34.5	65.46	0.02
SS-8	331	341	0	2250.16	0.24	38.55	61.18	0.03
SS-8	341	348.5	0.15	2251.01	0.04	23.39	76.47	0.1
SS-8	348.5	353	0	2251.66	0.18	15.13	82.79	1.9
SS-8	353	357	0	2249.94	0	52.46	47.29	0.25
SS-8	357	360.5	0	2249.07	4.23	49.41	45.9	0.45
SS-8	360.5	370	0	2250.76	0.17	25.02	74.77	0.04
SS-8	370	381	0	2250.29	0.01	41.27	58.69	0.03
SS-8	381	385.5	0	2250.43	0.03	41.54	58.42	0.01
SS-8	385.5	394	0	2251.9	0.01	18.95	80.96	0.08
SS-8	394	403.5	0	2249.52	0	66.81	33.19	0
SS-8	403.5	410.5	0	2249.62	0	56.8	43.2	0
SS-8	410.5	418	0	2250.77	0	28.47	71.52	0
SS-8	418	428	0	2250.79	0.01	23.06	76.92	0.01
SS-8	428	438.5	0	2250.01	0	47.25	52.73	0.02
SS-8	438.5	449	0	2251.71	0	24.95	74.86	0.19
SS-8	449	456	0.03	2253.02	0	12.23	87.27	0.5
SS-8	456	466	0	2251.48	0	29.4	70.5	0.1
SS-8	466	476	0	2250.54	0	45.99	53.93	0.08

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
SS-8	242	251	2361.28	2202.73	1.26	1.2
SS-8	251	258	2354.08	2204.58	0.71	1.19
SS-8	258	263	0	0	0	0
SS-8	263	265.5	0	0	0	0
SS-8	265.5	269	2356.07	2204.15	1.04	1.2
SS-8	269	273.7	2352.46	2204.27	0.6	1.26
SS-8	273.7	283	2357.23	2203.44	0.45	1.2
SS-8	283	289	2359.91	2203.51	0.65	1.08
SS-8	289	295.5	2363.41	2200.65	0.18	1.07
SS-8	295.5	298	0	0	0	0
SS-8	298	303	0	0	0	0
SS-8	303	312.7	0	0	0	0
SS-8	312.7	317.4	0	0	0	0
SS-8	317.4	324.5	0	0	0	0
SS-8	324.5	331	0	0	0	0
SS-8	331	341	2355.22	2203.88	0.23	1.16
SS-8	341	348.5	0	0	0	0
SS-8	348.5	353	0	0	0	0
SS-8	353	357	0	0	0	0
SS-8	357	360.5	0	0	0	0
SS-8	360.5	370	0	0	0	0
SS-8	370	381	0	0	0	0
SS-8	381	385.5	2357.55	2200.74	1	1.18
SS-8	385.5	394	0	0	0	0
SS-8	394	403.5	0	0	0	0
SS-8	403.5	410.5	0	0	0	0
SS-8	410.5	418	2355.04	2204.18	0.46	1.13
SS-8	418	428	0	0	0	0
SS-8	428	438.5	2354.76	2204.36	0.56	1.12
SS-8	438.5	449	2356.4	2204.46	0.91	1.31
SS-8	449	456	0	0	0	0
SS-8	456	466	0	0	0	0
SS-8	466	476	0	0	0	0



hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	amphibole_pxa	amphibole_fe_pxa	aspectral_pxa	aspectral2_pxa
SS-8	476	482	253096	8.78	29.73	0.94	6.29	2.07
SS-8	482	486	177130	2.74	1.76	0.08	4.59	0.29
SS-8	486	491.6	223887	6.15	4.86	0.85	13.42	1.73
SS-8	491.6	502	410953	8.85	27.16	4.47	9.01	0.9
TC36-1	19	21.1	60451	5.88	0	0	0.87	0.08
TC36-1	37	39	53803	4.01	0	0	10.16	0.24
TC36-1	53.3	56	56763	8.43	0.01	0	66.16	6.61
TC36-1	146	148	65960	21.39	4.62	0.05	13.98	2.96
TC36-1	153	154	30938	12.63	0.15	0	34.69	16.6
TC36-1	199	201	64564	20.79	15.59	0.01	6.6	0.97
TC36-1	201	203	46606	19.19	9.76	0.06	1.2	0.31
TC36-1	203	205	45778	13.95	27.31	0.09	11.61	0.97
TC36-1	205	207	61614	8.49	9.94	0.12	0.3	0.28
TC36-1	207	209	51674	14.03	14.01	0.16	0.37	0.11
TC36-1	209	213	83831	9.25	7.64	1.96	1.31	0.94
TC36-1	213	216	82535	11.74	18.03	0.88	8.86	4.87
TC36-1	216	221.7	141956	5.57	3.85	0.36	4.18	0.5
TC36-1	221.7	224.3	57879	18.01	9.54	0.07	5.97	1.49
TC36-1	224.3	226.3	48890	10.28	0.81	0	74.11	8.97
TC36-1	279.7	280.7	45989	9.22	0.04	0.47	33.16	14.86
TC36-1	324	325.5	46893	16.05	0	0	5.06	18.42
TC36-1	337.8	341.3	101189	20.42	5.13	0.25	0.3	0.05
TC36-1	343	345	52758	15.47	1.34	0.79	0.01	0
TC36-1	345	349.5	116537	3.4	0	0	0.05	0
TC36-1	365	367.5	70998	3.45	0	0	0.2	0.02
TC36-1	377	379.8	79675	20.02	63.05	4.08	0.01	0
TC36-1	389	393	166371	7.53	0	0	0.16	0
TC36-1	393	397	113832	3.93	0	0	0.72	0

hole_id	depth_from	depth_to	aspectral_fe_pxa	biotite_pxa	carbonate_pxa	carbonate_fe_pxa	chlorite_pxa	clinopyroxene_pxa
SS-8	476	482	0.19	0.88	0.65	0	60.34	0
SS-8	482	486	0.01	0.16	0.13	0	91.49	0
SS-8	486	491.6	0.41	0.42	0.12	0	79.81	0
SS-8	491.6	502	1.32	0.43	0.93	0	56.54	0
TC36-1	19	21.1	0	0	4.38	2.81	87.93	0.31
TC36-1	37	39	0	0.01	2.16	0	90.77	0.11
TC36-1	53.3	56	0.19	1.64	0.13	0	39.58	0.13
TC36-1	146	148	0.03	0.2	1.12	0	65.11	0.02
TC36-1	153	154	0	0.17	1.91	0	52.93	0.12
TC36-1	199	201	0.01	0.68	0	0.01	60.08	0.71
TC36-1	201	203	0.01	0.87	0.36	0	62.91	1.67
TC36-1	203	205	0	0.54	0.41	0.04	47.71	0.96
TC36-1	205	207	0.01	0.41	0.32	0	82.14	0.39
TC36-1	207	209	0	0.53	0.29	0.03	68.96	0.03
TC36-1	209	213	0	0.2	0.01	0.01	72.28	2.06
TC36-1	213	216	0.02	0.56	0.07	0.11	58.13	6.31
TC36-1	216	221.7	0.51	0.14	0.29	0	81.59	1.06
TC36-1	221.7	224.3	0.01	0.07	0	0.04	68.25	0.32
TC36-1	224.3	226.3	0.01	1.35	0.27	0	19	7.1
TC36-1	279.7	280.7	0.15	0.57	0	0	61.62	6.61
TC36-1	324	325.5	0	0.13	0	0	73.65	0.54
TC36-1	337.8	341.3	0.01	0.92	0.34	0.01	66.45	0.09
TC36-1	343	345	0	0.08	1.37	0.01	75.52	0.1
TC36-1	345	349.5	0	0.01	1.14	0	87.25	0
TC36-1	365	367.5	0	0	0	0	84.02	0
TC36-1	377	379.8	0.03	0.18	1.76	1.13	15.49	0.04
TC36-1	389	393	0.04	0	0.71	0	31.09	0
TC36-1	393	397	0.18	0	0.07	0	38.08	0

hole_id	depth_from	depth_to	epidote_pxa	garnet_pxa	green_mica_pxa	gypsum_pxa	hydrous_silica_quartz_pxa	montmorillonite_pxa
SS-8	476	482	0.97	0.01	0	0	0	0.01
SS-8	482	486	2.18	0	0	0	0	0
SS-8	486	491.6	2.1	0.01	0	0	0.01	0
SS-8	491.6	502	2.84	0	0.01	0	0	0.03
TC36-1	19	21.1	0	0.01	0	0.01	0.29	0
TC36-1	37	39	0	0.11	0	0.01	0	0
TC36-1	53.3	56	0	0.03	0	0	0.01	0
TC36-1	146	148	0.09	0	0	0	0.24	0
TC36-1	153	154	0	0	0	0	2.17	0
TC36-1	199	201	0.68	0.14	0	0	0.01	0.28
TC36-1	201	203	1.17	0	0	0.01	0	0
TC36-1	203	205	1.77	0.01	0	0.01	0	0.68
TC36-1	205	207	0.1	0	0	0	0	0.08
TC36-1	207	209	0.83	0.08	0	0	0	0.12
TC36-1	209	213	0.19	0.31	0	0.01	0.03	0
TC36-1	213	216	0.07	0	0	0	0.01	0
TC36-1	216	221.7	0.67	0.04	0	0	0.05	0
TC36-1	221.7	224.3	0.05	0.01	0	0	0	0
TC36-1	224.3	226.3	0	0.01	0	0	0	0
TC36-1	279.7	280.7	0.1	0	0	0	0	0
TC36-1	324	325.5	0	0.09	0	0	0	0
TC36-1	337.8	341.3	8.42	0.21	0	0	0	0.03
TC36-1	343	345	6.09	0.01	0	0	0	0
TC36-1	345	349.5	7.5	0.14	0	0	0.1	0.08
TC36-1	365	367.5	0.02	0.02	0.01	0.01	0.12	0.96
TC36-1	377	379.8	0	0	0	0	0	0
TC36-1	389	393	0.1	0	0.13	0	0.11	0
TC36-1	393	397	0.13	0.16	0.06	0	0.44	0

hole_id	depth_from	depth_to	prehnite_pxa	orthopyroxene_pxa	sepiolite_pxa	talc_pxa	tourmaline_pxa	white_mica_pxa	zeolite_pxa
SS-8	476	482	0.35	0	0	0	0	1.06	0
SS-8	482	486	0.18	0	0	0	0.1	0.91	0
SS-8	486	491.6	0.37	0	0	0	0.33	4.79	0
SS-8	491.6	502	0.35	0	0	0	0	2.9	0
TC36-1	19	21.1	2.26	0	0	0	0	0	0
TC36-1	37	39	1.83	0	0	0	0	0.06	0
TC36-1	53.3	56	0.84	0.01	0	0	0	0	0
TC36-1	146	148	0.87	0	0	0	0	0.02	0
TC36-1	153	154	0.68	0	0	0	0	0	0
TC36-1	199	201	1.29	0	0	0	0	0.97	0
TC36-1	201	203	10.72	0	0	0	0	0.04	0
TC36-1	203	205	1.42	0	0	0	0.54	0.08	0
TC36-1	205	207	1.04	0	0	0	0	0.53	0
TC36-1	207	209	1.64	0	0	0	0	0.48	0
TC36-1	209	213	1.7	0	0	0	10.63	2.75	0
TC36-1	213	216	0.87	0	0	0	2.34	1.68	0
TC36-1	216	221.7	1.69	0	0	0	0.07	19.28	0
TC36-1	221.7	224.3	0.13	0	0	0	0	0	0
TC36-1	224.3	226.3	0.16	0	0	0	0	0	0
TC36-1	279.7	280.7	0.77	0	0	0	0	0.77	0
TC36-1	324	325.5	1.22	0	0	0	0	0	0
TC36-1	337.8	341.3	0.31	0	0	0	0	0	0
TC36-1	343	345	0.03	0	0	0	0	0	0
TC36-1	345	349.5	0.05	0	0	0	0	0	0
TC36-1	365	367.5	0.85	0	0	0	0	27.09	0
TC36-1	377	379.8	0	0	0	0	0	0	0
TC36-1	389	393	0.09	0	0	0	0	74.18	0
TC36-1	393	397	0.26	0	0	0	0	75.72	0

hole_id	depth_from	depth_to	amphibole_2310L	biotite_2250L	carbonate_all_2340L	epidote_1550L	white_mica_all_2200L
SS-8	476	482	2318.16	2249.7	2332.13	1559.02	2197.45
SS-8	482	486	2316.97	2249.45	2336.37	1564.32	2197.11
SS-8	486	491.6	2314.37	2250.84	2333.58	1565.96	2196.91
SS-8	491.6	502	2314.76	2248.65	2333.34	1564.03	2197.02
TC36-1	19	21.1	0	0	2332.77	0	0
TC36-1	37	39	2342.4	2250.97	2333.9	0	2200.71
TC36-1	53.3	56	2335.42	2248.62	2335.92	0	0
TC36-1	146	148	2331.22	2249.9	2334.43	1553.74	2194.96
TC36-1	153	154	2333.98	2246.45	2336.39	0	0
TC36-1	199	201	2328.36	2249.5	2331.33	1553.53	2199.25
TC36-1	201	203	2328.13	2249.19	2336.05	1556.31	0
TC36-1	203	205	2324	2243.54	2334.93	1557.57	2197.48
TC36-1	205	207	2325.43	2249.49	2334.42	1556.67	2200.77
TC36-1	207	209	2324.78	2248.29	2334.36	1556.11	2200.78
TC36-1	209	213	2323.3	2246.65	2331.71	1552.08	2202.38
TC36-1	213	216	2320.7	2246.88	2332.37	1556.9	2201.06
TC36-1	216	221.7	2324.61	2247.07	2335.03	1556.49	2202.36
TC36-1	221.7	224.3	2326.14	2245.84	2327.97	0	0
TC36-1	224.3	226.3	2333.61	2246.01	2332.14	0	0
TC36-1	279.7	280.7	2334.85	2249.25	2331.18	1545.32	2197.44
TC36-1	324	325.5	2334.88	2248.33	2340.25	0	0
TC36-1	337.8	341.3	2328.36	2248.93	2332.89	1549.7	0
TC36-1	343	345	2329.64	2249.71	2333.7	1551.84	0
TC36-1	345	349.5	2339.55	2247.65	2336.44	1553.07	0
TC36-1	365	367.5	0	0	0	0	2204.33
TC36-1	377	379.8	2318.81	2246.33	2331.71	0	0
TC36-1	389	393	0	0	2335.45	1553.77	2203.51
TC36-1	393	397	0	2254.25	2337.12	1561.71	2202.64

hole_id	depth_from	depth_to	white_mica_all_2200X	paragonite_pct	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct
SS-8	476	482	0.14	0.53	94.53	4.95	0
SS-8	482	486	0.18	0.33	96.69	2.98	0
SS-8	486	491.6	0.15	0.52	93.28	6.19	0
SS-8	491.6	502	0.14	0.64	95.12	4.18	0.05
TC36-1	19	21.1	0	0	0	0	0
TC36-1	37	39	0.08	0	81.82	0	0
TC36-1	53.3	56	0	0	0	0	0
TC36-1	146	148	0.06	0	100	0	0
TC36-1	153	154	0	0	0	0	0
TC36-1	199	201	0.13	0	63.04	36.96	0
TC36-1	201	203	0	0	0	0	0
TC36-1	203	205	0.15	6.67	93.33	0	0
TC36-1	205	207	0.28	0	42.86	57.14	0
TC36-1	207	209	0.32	0	43.24	56.76	0
TC36-1	209	213	0.46	0	6.14	93.86	0
TC36-1	213	216	0.6	0	25.31	74.69	0
TC36-1	216	221.7	0.23	0.03	23.1	74.35	2.5
TC36-1	221.7	224.3	0	0	0	0	0
TC36-1	224.3	226.3	0	0	0	0	0
TC36-1	279.7	280.7	0.04	0	81.82	18.18	0
TC36-1	324	325.5	0	0	0	0	0
TC36-1	337.8	341.3	0	0	0	0	0
TC36-1	343	345	0	0	0	0	0
TC36-1	345	349.5	0	0	0	0	0
TC36-1	365	367.5	0.46	0	0.21	99.79	0
TC36-1	377	379.8	0	0	0	0	0
TC36-1	389	393	0.39	0	0.65	98.91	0.44
TC36-1	393	397	0.45	0.01	0.51	99.47	0.01

hole_id	depth_from	depth_to	phengite_pct	chlorite_2250L	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
SS-8	476	482	0	2249.67	0.01	63.84	36.15	0
SS-8	482	486	0	2250.77	0	19.85	80.15	0
SS-8	486	491.6	0	2250.52	0	40.7	59.27	0.02
SS-8	491.6	502	0	2250.5	0.02	40.05	59.88	0.05
TC36-1	19	21.1	0	2253.23	0	0.37	99.63	0
TC36-1	37	39	18.18	2252.9	0	0.55	99.44	0.01
TC36-1	53.3	56	0	2249.89	0	52.88	47.12	0
TC36-1	146	148	0	2251.33	0.02	11.63	88.27	0.08
TC36-1	153	154	0	2251.6	0.04	10.82	89.12	0.02
TC36-1	199	201	0	2250.1	0.01	50.97	49.02	0
TC36-1	201	203	0	2247.98	1.43	90.5	8.07	0
TC36-1	203	205	0	2247.29	0.43	96.37	3.19	0
TC36-1	205	207	0	2249.04	0.03	77.93	22.03	0.01
TC36-1	207	209	0	2248.72	0.03	87.76	12.21	0
TC36-1	209	213	0	2248.17	0.13	83.94	15.93	0
TC36-1	213	216	0	2248.33	0.06	83.86	16.06	0.01
TC36-1	216	221.7	0.03	2249.49	0.13	63.82	36.03	0.03
TC36-1	221.7	224.3	0	2248.41	0.1	94.05	5.84	0
TC36-1	224.3	226.3	0	2246.85	0.68	97.39	1.93	0
TC36-1	279.7	280.7	0	2249.84	0.03	50.45	49.49	0.03
TC36-1	324	325.5	0	2249.43	0.16	61.54	38.3	0
TC36-1	337.8	341.3	0	2248.75	0.01	86.87	13.11	0
TC36-1	343	345	0	2249.43	0.01	67.5	32.49	0
TC36-1	345	349.5	0	2250.89	0.06	19.5	80.43	0.01
TC36-1	365	367.5	0	2251.87	0.01	16.17	83.76	0.06
TC36-1	377	379.8	0	2246.5	0.1	99.73	0.17	0
TC36-1	389	393	0	2251.06	0	20.58	79.4	0.02
TC36-1	393	397	0	2251.45	0.01	13.64	86.21	0.14

hole_id	depth_from	depth_to	tourmaline_2350L	tourmaline_2200L	tourmaline_2350X	tourmaline_fe_slope
SS-8	476	482	0	0	0	0
SS-8	482	486	2356.68	2202.32	0.85	1.12
SS-8	486	491.6	2358.64	2202.85	0.93	1.3
SS-8	491.6	502	2353.56	2201.88	0.64	1.27
TC36-1	19	21.1	0	0	0	0
TC36-1	37	39	0	0	0	0
TC36-1	53.3	56	0	0	0	0
TC36-1	146	148	0	0	0	0
TC36-1	153	154	0	0	0	0
TC36-1	199	201	0	0	0	0
TC36-1	201	203	0	0	0	0
TC36-1	203	205	2352.65	2203.67	1.04	1.27
TC36-1	205	207	0	0	0	0
TC36-1	207	209	0	0	0	0
TC36-1	209	213	2358.75	2203.3	0.84	1.14
TC36-1	213	216	2358.95	2203.05	0.87	1.18
TC36-1	216	221.7	2352.42	2203.16	1.27	1.34
TC36-1	221.7	224.3	0	0	0	0
TC36-1	224.3	226.3	0	0	0	0
TC36-1	279.7	280.7	0	0	0	0
TC36-1	324	325.5	0	0	0	0
TC36-1	337.8	341.3	0	0	0	0
TC36-1	343	345	0	0	0	0
TC36-1	345	349.5	0	0	0	0
TC36-1	365	367.5	0	0	0	0
TC36-1	377	379.8	0	0	0	0
TC36-1	389	393	0	0	0	0
TC36-1	393	397	0	0	0	0