

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	203	203.5	17486	1.38	4.47	0	0	28.9
LM-13-01	203.5	204	15551	1.7	4.6	0	0	0.54
LM-13-01	204	204.5	15086	9.16	6.94	0	0	0.03
LM-13-01	204.5	205	11806	1.82	1.74	0	0	3.4
LM-13-01	205	205.5	11097	5.11	3.34	0	0.17	42.17
LM-13-01	205.5	206	19973	1.7	5.33	0	0	0
LM-13-01	206	206.5	18323	5.22	9.87	0	0	0.15
LM-13-01	206.5	207	11530	2.3	0.37	0	0.01	2.13
LM-13-01	207	207.5	17036	6.52	4.37	0	2.79	16.55
LM-13-01	207.5	208	19688	4.51	3.73	0	0	0.02
LM-13-01	208	208.5	6574	5.49	5.8	0	0	42.62
LM-13-01	208.5	209	16371	1.8	5.24	0	0	0
LM-13-01	209	209.5	19620	0.94	3.43	0	0	0
LM-13-01	209.5	210	19126	1	19.56	0	0	10.02
LM-13-01	210	210.5	13903	4.21	11.28	0	0	2.24
LM-13-01	210.5	211	19892	4.32	6.95	0	0.3	16.7
LM-13-01	211	211.5	18360	6.27	1.93	0	0.3	8.25
LM-13-01	211.5	212	15039	1.24	5.6	0	0	18.37
LM-13-01	212	212.5	16788	1.41	1.81	0	0	62.62
LM-13-01	212.5	213	20867	0.72	1.86	0	0	17.91
LM-13-01	213	213.5	21377	0.38	7	0	0	8.75
LM-13-01	213.5	214	13472	6.69	5.57	0.04	0.11	26.68
LM-13-01	214	214.5	19507	5.4	33.39	0	0.04	2.28
LM-13-01	214.5	215	21499	4.2	8.61	0	0	22.6
LM-13-01	215	215.5	16199	2.72	19.2	0	0	47.73
LM-13-01	215.5	216	19524	1	28.33	0	0	17.09
LM-13-01	216	216.5	22020	1.47	14.26	0	0	0.29
LM-13-01	216.5	217	14027	0.58	7.98	0	0	23.58
LM-13-01	217	217.5	10768	0.58	13.48	0	0	9.27
LM-13-01	217.5	218	21747	1.56	16.5	0	0	11.6
LM-13-01	218	218.5	20930	3.62	20.72	0	0	7.06
LM-13-01	218.5	219	14433	1.44	22.45	0	0	2.96
LM-13-01	219	219.5	17122	0.93	29.98	0	0	9.26

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	203	203.5	0	0	0	0	0	0
LM-13-01	203.5	204	0	0	0	0	0	0
LM-13-01	204	204.5	0.05	0	0	0	0	0
LM-13-01	204.5	205	0	0	0	0	0	0
LM-13-01	205	205.5	0.37	0.15	0	0	0	0
LM-13-01	205.5	206	0	0	0	0	0	0
LM-13-01	206	206.5	0	0	0	0	0	0
LM-13-01	206.5	207	0.29	0.08	0	0	0	0.32
LM-13-01	207	207.5	3.78	2.55	0.17	0	0	0.02
LM-13-01	207.5	208	0	0	0	0	0	0
LM-13-01	208	208.5	0	0	0	0	0	0
LM-13-01	208.5	209	0	0	0	0	0	0
LM-13-01	209	209.5	0	0	0	0	0	0
LM-13-01	209.5	210	0	0	0	0	0	0
LM-13-01	210	210.5	0	0	0	0	0	0
LM-13-01	210.5	211	0.78	2.64	0.09	0	0	0.02
LM-13-01	211	211.5	1.07	19.53	0.93	0	0.02	0.78
LM-13-01	211.5	212	0.01	0	0	0	0	0
LM-13-01	212	212.5	0.14	0	0	0	0	0
LM-13-01	212.5	213	0.18	0	0	0	0	0
LM-13-01	213	213.5	0.01	0	0	0	0	0
LM-13-01	213.5	214	0.09	0.08	0	0	0	0
LM-13-01	214	214.5	0.02	2.73	0.04	0	0	0.02
LM-13-01	214.5	215	0.21	3.81	0.2	0	0	0.02
LM-13-01	215	215.5	0	0	0	0	0	0
LM-13-01	215.5	216	0	0	0.01	0	0	0
LM-13-01	216	216.5	0.02	0.13	0	0	0	0
LM-13-01	216.5	217	0	0	0	0	0	0
LM-13-01	217	217.5	0	0	0	0	0	0
LM-13-01	217.5	218	0	0	0	0	0	0
LM-13-01	218	218.5	0	0	0	0	0	0
LM-13-01	218.5	219	0	0	0	0	0	0
LM-13-01	219	219.5	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	203	203.5	0	0	0	0	3.11
LM-13-01	203.5	204	0	0	0	0	13.26
LM-13-01	204	204.5	0	0	0	0	5.53
LM-13-01	204.5	205	0	0	0	0	4.98
LM-13-01	205	205.5	0	0	0	0	10.97
LM-13-01	205.5	206	0	0	0	0	22.29
LM-13-01	206	206.5	0	0	0	0	35.45
LM-13-01	206.5	207	0	0	0	0	19.97
LM-13-01	207	207.5	0	0.01	0	0.39	12.58
LM-13-01	207.5	208	0	0	0	0	7.75
LM-13-01	208	208.5	0	0	0	0	0.23
LM-13-01	208.5	209	0	0	0	0	1.76
LM-13-01	209	209.5	0	0	0	0	4.67
LM-13-01	209.5	210	0	0	0	0	4.11
LM-13-01	210	210.5	0	0	0	0	9.39
LM-13-01	210.5	211	0.34	0.01	1.23	12.43	16.6
LM-13-01	211	211.5	0.78	0.01	1.7	14.79	21.34
LM-13-01	211.5	212	0	0	0	0	20.75
LM-13-01	212	212.5	0	0.02	0	0	9.62
LM-13-01	212.5	213	0	0	0	0.01	31.05
LM-13-01	213	213.5	0	0	0	0	32.02
LM-13-01	213.5	214	0	0	0	0	24.45
LM-13-01	214	214.5	0	0	0	1.41	8.87
LM-13-01	214.5	215	0	0	0.33	6.08	25.58
LM-13-01	215	215.5	0	0	0	0	1.93
LM-13-01	215.5	216	0	0	0	0	8.16
LM-13-01	216	216.5	0	0	0	0	9.82
LM-13-01	216.5	217	0	0	0	0	10.64
LM-13-01	217	217.5	0	0	0	0	15.6
LM-13-01	217.5	218	0	0	0	0	27.97
LM-13-01	218	218.5	0	0	0	0	19.56
LM-13-01	218.5	219	0	0	0	0	17.16
LM-13-01	219	219.5	0	0	0	0	8.2

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	203	203.5	44.26	0.01	0	0	0
LM-13-01	203.5	204	67.4	0	0	0	0
LM-13-01	204	204.5	67.1	0.24	0	0	0
LM-13-01	204.5	205	73.3	0	0	0	0
LM-13-01	205	205.5	19.63	3.2	0.21	0.01	0
LM-13-01	205.5	206	57.68	0.01	0	0	0
LM-13-01	206	206.5	36.76	0.13	0	0	0
LM-13-01	206.5	207	62.11	0.91	0.16	0.54	0.03
LM-13-01	207	207.5	24.75	6.78	0.39	3.28	0.26
LM-13-01	207.5	208	71.29	0	0	0	0
LM-13-01	208	208.5	20.57	0	0	0	0
LM-13-01	208.5	209	77.87	0	0	0	0
LM-13-01	209	209.5	77.67	0	0	0	0
LM-13-01	209.5	210	49.88	0	0	0	0
LM-13-01	210	210.5	50.29	0	0	0	0
LM-13-01	210.5	211	28.45	3.96	0.58	1.97	0.02
LM-13-01	211	211.5	17.22	16.19	0.94	0.89	0
LM-13-01	211.5	212	42.66	0.55	0	0	0
LM-13-01	212	212.5	4.93	0.15	0.88	0.04	0
LM-13-01	212.5	213	36.67	0.95	0.06	0	0
LM-13-01	213	213.5	38.25	0.09	0.06	0	0
LM-13-01	213.5	214	16.3	0.32	0.05	0.93	0.05
LM-13-01	214	214.5	31.3	0.89	0	0.07	0.01
LM-13-01	214.5	215	21.58	0.83	0.05	0.03	0
LM-13-01	215	215.5	1.75	0	0	0	0
LM-13-01	215.5	216	23.78	0.01	0.2	0	0
LM-13-01	216	216.5	60.73	0.3	0.09	0.25	0.01
LM-13-01	216.5	217	35.28	0.04	0	0	0
LM-13-01	217	217.5	47.78	0	0	0	0
LM-13-01	217.5	218	29.06	0	0	0	0
LM-13-01	218	218.5	36.22	0	0.02	0	0
LM-13-01	218.5	219	34.52	0	0	0	0
LM-13-01	219	219.5	32.88	0.03	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	203	203.5	0	0	0	0	0
LM-13-01	203.5	204	0	0	0	0	0
LM-13-01	204	204.5	0	0	0	0	0
LM-13-01	204.5	205	0	0	0	0	0
LM-13-01	205	205.5	2342.7	0	0.34	2208	0
LM-13-01	205.5	206	0	0	0	0	0
LM-13-01	206	206.5	0	0	0	0	0
LM-13-01	206.5	207	2346.98	887.04	0.44	2203.38	0
LM-13-01	207	207.5	2344.37	936	0.62	2200.03	2.16
LM-13-01	207.5	208	0	0	0	0	0
LM-13-01	208	208.5	0	0	0	0	0
LM-13-01	208.5	209	0	0	0	0	0
LM-13-01	209	209.5	0	0	0	0	0
LM-13-01	209.5	210	0	0	0	0	0
LM-13-01	210	210.5	0	0	0	0	0
LM-13-01	210.5	211	2343.97	884	1.08	2202.53	1.28
LM-13-01	211	211.5	2343.02	876.56	0.77	2205.42	1.23
LM-13-01	211.5	212	0	0	0	0	0
LM-13-01	212	212.5	0	0	0.33	2210.99	20
LM-13-01	212.5	213	0	0	0	0	0
LM-13-01	213	213.5	0	0	0	0	0
LM-13-01	213.5	214	2345.21	0	0.49	2205.71	1.67
LM-13-01	214	214.5	2347.98	0	0.45	2201.35	12.5
LM-13-01	214.5	215	0	0	0.37	2217.45	0
LM-13-01	215	215.5	0	0	0	0	0
LM-13-01	215.5	216	0	0	0	0	0
LM-13-01	216	216.5	0	0	0.57	2201.33	0
LM-13-01	216.5	217	0	0	0	0	0
LM-13-01	217	217.5	0	0	0	0	0
LM-13-01	217.5	218	0	0	0.18	0	100
LM-13-01	218	218.5	0	0	0	0	#DIV/0!
LM-13-01	218.5	219	0	0	0	0	0
LM-13-01	219	219.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	203	203.5	0	0	0	0	0
LM-13-01	203.5	204	0	0	0	0	0
LM-13-01	204	204.5	0	0	0	0	0
LM-13-01	204.5	205	0	0	0	0	0
LM-13-01	205	205.5	0	50	50	0	2250.58
LM-13-01	205.5	206	0	0	0	0	0
LM-13-01	206	206.5	0	0	0	0	0
LM-13-01	206.5	207	11.67	78.33	10	0	2258.23
LM-13-01	207	207.5	47.12	49.46	0.9	0.36	2255.89
LM-13-01	207.5	208	0	0	0	0	0
LM-13-01	208	208.5	0	0	0	0	0
LM-13-01	208.5	209	0	0	0	0	0
LM-13-01	209	209.5	0	0	0	0	0
LM-13-01	209.5	210	0	0	0	0	0
LM-13-01	210	210.5	0	0	0	0	0
LM-13-01	210.5	211	15.09	80.56	3.07	0	2253.77
LM-13-01	211	211.5	3.68	82.21	12.27	0.61	2253.68
LM-13-01	211.5	212	0	0	0	0	0
LM-13-01	212	212.5	0	0	40	40	0
LM-13-01	212.5	213	0	0	0	0	0
LM-13-01	213	213.5	0	0	0	0	0
LM-13-01	213.5	214	10	64.17	15.83	8.33	2258.31
LM-13-01	214	214.5	12.5	75	0	0	2255.46
LM-13-01	214.5	215	0	16.67	16.67	66.67	2255.14
LM-13-01	215	215.5	0	0	0	0	0
LM-13-01	215.5	216	0	0	0	0	0
LM-13-01	216	216.5	20.37	77.78	1.85	0	2256.42
LM-13-01	216.5	217	0	0	0	0	0
LM-13-01	217	217.5	0	0	0	0	0
LM-13-01	217.5	218	0	0	0	0	0
LM-13-01	218	218.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-01	218.5	219	0	0	0	0	0
LM-13-01	219	219.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	203	203.5	0	0	0	0
LM-13-01	203.5	204	0	0	0	0
LM-13-01	204	204.5	0	0	0	0
LM-13-01	204.5	205	0	0	0	0
LM-13-01	205	205.5	0	55.56	33.33	11.11
LM-13-01	205.5	206	0	0	0	0
LM-13-01	206	206.5	0	0	0	0
LM-13-01	206.5	207	0	0	33.33	66.67
LM-13-01	207	207.5	0	5.7	60.81	33.49
LM-13-01	207.5	208	0	0	0	0
LM-13-01	208	208.5	0	0	0	0
LM-13-01	208.5	209	0	0	0	0
LM-13-01	209	209.5	0	0	0	0
LM-13-01	209.5	210	0	0	0	0
LM-13-01	210	210.5	0	0	0	0
LM-13-01	210.5	211	0.39	6.24	81.09	12.28
LM-13-01	211	211.5	0.08	4.62	91.08	4.22
LM-13-01	211.5	212	0	0	0	0
LM-13-01	212	212.5	0	0	0	0
LM-13-01	212.5	213	0	0	0	0
LM-13-01	213	213.5	0	0	0	0
LM-13-01	213.5	214	0	0	11.11	88.89
LM-13-01	214	214.5	0	1.14	83.43	15.43
LM-13-01	214.5	215	0.12	0.37	91.63	7.88
LM-13-01	215	215.5	0	0	0	0
LM-13-01	215.5	216	0	0	0	0
LM-13-01	216	216.5	0	0	48.28	51.72
LM-13-01	216.5	217	0	0	0	0
LM-13-01	217	217.5	0	0	0	0
LM-13-01	217.5	218	0	0	0	0
LM-13-01	218	218.5	0	0	0	0
LM-13-01	218.5	219	0	0	0	0
LM-13-01	219	219.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	219.5	220	21997	1.23	27.08	0	0	26.49
LM-13-01	220	220.5	16987	8.57	7.63	0	0	5.24
LM-13-01	220.5	221	16444	2.34	13.65	0	0	14.69
LM-13-01	221	221.5	18019	0.41	4.31	0	0	12.76
LM-13-01	221.5	222	21381	1.45	1.91	0	0	7.77
LM-13-01	222	222.5	16258	1.43	10.52	0	0	12.74
LM-13-01	222.5	223	21361	1.21	27.15	0	0	11.32
LM-13-01	223	223.5	22020	1.04	23.71	0	0	1.45
LM-13-01	223.5	224	3970	0.28	24.96	0	0	0.43
LM-13-01	224	224.5	22074	1.52	3.11	0	0	22.38
LM-13-01	224.5	225	21502	1.87	8.13	0	0	3
LM-13-01	225	225.5	17753	0.56	1.14	0	0	6.04
LM-13-01	225.5	226	13585	2.45	27.06	0	0	15.81
LM-13-01	226	226.5	20661	8.55	11.16	0	0.03	5.85
LM-13-01	226.5	227	22080	9.39	3.74	0	0	17.89
LM-13-01	227	227.5	6789	0.88	1.33	0	0	18.38
LM-13-01	227.5	228	20606	2.18	13.06	0	0	2.78
LM-13-01	228	228.5	17565	4.06	7.51	0	0.61	7.46
LM-13-01	228.5	229	5312	11.78	8.57	0	0	26.96
LM-13-01	229	229.5	9702	1.76	0	0	0	0
LM-13-01	229.5	230	11139	1.78	0	0	0	0
LM-13-01	230	230.5	10884	10.08	0	0	0	0
LM-13-01	230.5	231	8454	11.84	0	0	0	0
LM-13-01	231	231.5	788	0	0	0	0	0
LM-13-01	231.5	232	3761	3.14	0	0	0	0
LM-13-01	232	232.5	10934	3.45	0	0	0	0
LM-13-01	232.5	233	9572	3.9	4.48	0	0	0.47
LM-13-01	233	233.5	9002	4.37	0.41	0	0	0.13
LM-13-01	233.5	234	6801	7.4	2.07	0	0	0.09
LM-13-01	234	234.5	85	0	0	0	0	0
LM-13-01	234.5	235	11611	1.15	0	0	0	0
LM-13-01	235	235.5	12962	0.5	0.29	0	0	0.62
LM-13-01	235.5	236	11441	0.13	0.39	0	0	0.14

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	219.5	220	0	0	0	0	0	0
LM-13-01	220	220.5	0.06	0.15	0	0	0	0
LM-13-01	220.5	221	0	0	0	0	0	0
LM-13-01	221	221.5	0	0	0	0	0	0
LM-13-01	221.5	222	0.01	0.03	0	0	0	0
LM-13-01	222	222.5	0.63	0	0	0	0	0
LM-13-01	222.5	223	0	0	0	0	0	0
LM-13-01	223	223.5	0	0	0	0	0	0
LM-13-01	223.5	224	0	0	0	0	0	0
LM-13-01	224	224.5	0	0	0	0	0	0
LM-13-01	224.5	225	0	0	0	0	0	0
LM-13-01	225	225.5	0	0	0	0	0	0
LM-13-01	225.5	226	0	0	0	0	0	0
LM-13-01	226	226.5	0.14	0	0	0	0	0
LM-13-01	226.5	227	0	0	0	0	0	0
LM-13-01	227	227.5	0	0	0	0	0	0
LM-13-01	227.5	228	0	0	0	0	0	0
LM-13-01	228	228.5	3.12	12.68	0.63	0	0	0
LM-13-01	228.5	229	0	0	0	0	0	0
LM-13-01	229	229.5	0	0	0	0	0	0
LM-13-01	229.5	230	0	0	0	0	0	0
LM-13-01	230	230.5	0	0	0	0	0	0
LM-13-01	230.5	231	0	0	0	0	0	0
LM-13-01	231	231.5	0	0	0	0	0	0
LM-13-01	231.5	232	0	0	0	0	0	0
LM-13-01	232	232.5	0	0	0	0	0	0
LM-13-01	232.5	233	0	0	0	0	0	0
LM-13-01	233	233.5	0	0	0	0	0	0
LM-13-01	233.5	234	0	0	0	0	0	0
LM-13-01	234	234.5	0	0	0	0	0	0
LM-13-01	234.5	235	0	0	0	0	0	0
LM-13-01	235	235.5	0	0	0	0	0	0
LM-13-01	235.5	236	0	0	0.04	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	219.5	220	0	0	0	0	10.08
LM-13-01	220	220.5	0	0	0	0	13.66
LM-13-01	220.5	221	0	0	0	0	13.18
LM-13-01	221	221.5	0	0	0	0	2.57
LM-13-01	221.5	222	0	0.01	0	0	17.53
LM-13-01	222	222.5	0	0	0	0	48.33
LM-13-01	222.5	223	0	0	0	0	21.99
LM-13-01	223	223.5	0	0	0	0	15.09
LM-13-01	223.5	224	0	0	0	0	2.62
LM-13-01	224	224.5	0	0	0	0	9.91
LM-13-01	224.5	225	0	0	0	0	14.79
LM-13-01	225	225.5	0	0	0	0	16.35
LM-13-01	225.5	226	0	0	0	0	11.45
LM-13-01	226	226.5	0	0	0	0	12.76
LM-13-01	226.5	227	0	0	0	0	19.17
LM-13-01	227	227.5	0	0	0	0	12.4
LM-13-01	227.5	228	0	0	0	0	7.59
LM-13-01	228	228.5	0.01	0	0.09	9.05	4.02
LM-13-01	228.5	229	0	0	0	0	0.53
LM-13-01	229	229.5	0	0	0	0	7.69
LM-13-01	229.5	230	0	0	0	0	0.21
LM-13-01	230	230.5	0	0	0	0	0.74
LM-13-01	230.5	231	0	0	0	0	0
LM-13-01	231	231.5	0	0	0	0	0
LM-13-01	231.5	232	0	0	0	0	0.11
LM-13-01	232	232.5	0	0	0	0	0.1
LM-13-01	232.5	233	0	0	0	0	0.23
LM-13-01	233	233.5	0	0	0	0	1.53
LM-13-01	233.5	234	0	0	0	0	0.22
LM-13-01	234	234.5	0	0	0	0	0
LM-13-01	234.5	235	0	0	0	0	0
LM-13-01	235	235.5	0	0	0	0	3.79
LM-13-01	235.5	236	0	0	0	0	0.17

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	219.5	220	14.88	0	0	0	0
LM-13-01	220	220.5	51.8	0.17	0	0.02	0
LM-13-01	220.5	221	38.14	0.12	0.32	0	0
LM-13-01	221	221.5	64.22	0	0	0	0
LM-13-01	221.5	222	60.24	0.09	0.05	0.06	0
LM-13-01	222	222.5	13.43	6.24	0.04	0	0
LM-13-01	222.5	223	23.34	0	0	0	0
LM-13-01	223	223.5	44.77	0.05	0	0	0
LM-13-01	223.5	224	31.01	0	0	0	0
LM-13-01	224	224.5	48.35	0	0	0	0
LM-13-01	224.5	225	59.96	0.01	0	0	0
LM-13-01	225	225.5	63.26	0.03	0	0	0
LM-13-01	225.5	226	21.88	0	0	0.01	0
LM-13-01	226	226.5	47.41	0.65	0	0.33	0.08
LM-13-01	226.5	227	35.42	0.01	0.36	0	0
LM-13-01	227	227.5	54.03	0	0	0	0
LM-13-01	227.5	228	61.63	0	0	0.01	0
LM-13-01	228	228.5	41.44	6.59	0	2.58	0.52
LM-13-01	228.5	229	35.3	0	0	0	0
LM-13-01	229	229.5	72.81	0	0	0	0
LM-13-01	229.5	230	84.18	0	0	0	0
LM-13-01	230	230.5	76.05	0	0.05	0	0
LM-13-01	230.5	231	63.3	0	0	0	0
LM-13-01	231	231.5	0	0	0	0	0
LM-13-01	231.5	232	79.69	0	0	0	0
LM-13-01	232	232.5	77.06	0	0	0	0
LM-13-01	232.5	233	71.95	0	0	0.01	0
LM-13-01	233	233.5	74.65	0	0	0	0
LM-13-01	233.5	234	73.75	0	0	0	0
LM-13-01	234	234.5	0	0	0	0	0
LM-13-01	234.5	235	83.1	0	0	0	0
LM-13-01	235	235.5	81.59	0.01	0.04	0	0
LM-13-01	235.5	236	86.22	0	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	219.5	220	0	0	0	0	0
LM-13-01	220	220.5	0	0	0.3	2207.97	0
LM-13-01	220.5	221	0	0	0	0	0
LM-13-01	221	221.5	0	0	0	0	0
LM-13-01	221.5	222	0	0	0.34	2205.45	0
LM-13-01	222	222.5	0	0	0	0	0
LM-13-01	222.5	223	0	0	0	0	0
LM-13-01	223	223.5	0	0	0	0	0
LM-13-01	223.5	224	0	0	0	0	0
LM-13-01	224	224.5	0	0	0.55	2220.32	0
LM-13-01	224.5	225	0	0	0	0	0
LM-13-01	225	225.5	0	0	0	0	0
LM-13-01	225.5	226	0	0	0	0	#DIV/0!
LM-13-01	226	226.5	2341.28	0	0.78	2204.65	0
LM-13-01	226.5	227	0	0	0	0	0
LM-13-01	227	227.5	0	0	0	0	0
LM-13-01	227.5	228	0	0	0.23	2204	0
LM-13-01	228	228.5	2344.79	0	1.2	2201.2	0.66
LM-13-01	228.5	229	0	0	0	0	0
LM-13-01	229	229.5	0	0	0	0	0
LM-13-01	229.5	230	0	0	0	0	0
LM-13-01	230	230.5	0	0	0	0	0
LM-13-01	230.5	231	0	0	0	0	0
LM-13-01	231	231.5	0	0	0	0	0
LM-13-01	231.5	232	0	0	0	0	0
LM-13-01	232	232.5	0	0	0	0	0
LM-13-01	232.5	233	0	0	0.21	2201.17	0
LM-13-01	233	233.5	0	0	0	0	0
LM-13-01	233.5	234	0	0	0	0	0
LM-13-01	234	234.5	0	0	0	0	0
LM-13-01	234.5	235	0	0	0	0	0
LM-13-01	235	235.5	0	0	0	0	0
LM-13-01	235.5	236	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	219.5	220	0	0	0	0	0
LM-13-01	220	220.5	0	66.67	33.33	0	2256.15
LM-13-01	220.5	221	0	0	0	0	0
LM-13-01	221	221.5	0	0	0	0	0
LM-13-01	221.5	222	7.69	76.92	15.38	0	2259.42
LM-13-01	222	222.5	0	0	0	0	0
LM-13-01	222.5	223	0	0	0	0	0
LM-13-01	223	223.5	0	0	0	0	0
LM-13-01	223.5	224	0	0	0	0	0
LM-13-01	224	224.5	0	0	0	100	0
LM-13-01	224.5	225	0	0	0	0	0
LM-13-01	225	225.5	0	0	0	0	0
LM-13-01	225.5	226	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-01	226	226.5	0	95.59	4.41	0	2263.68
LM-13-01	226.5	227	0	0	0	0	0
LM-13-01	227	227.5	0	0	0	0	0
LM-13-01	227.5	228	0	100	0	0	0
LM-13-01	228	228.5	35.54	62.25	1.55	0	2256.02
LM-13-01	228.5	229	0	0	0	0	0
LM-13-01	229	229.5	0	0	0	0	0
LM-13-01	229.5	230	0	0	0	0	0
LM-13-01	230	230.5	0	0	0	0	0
LM-13-01	230.5	231	0	0	0	0	0
LM-13-01	231	231.5	0	0	0	0	0
LM-13-01	231.5	232	0	0	0	0	0
LM-13-01	232	232.5	0	0	0	0	0
LM-13-01	232.5	233	0	100	0	0	0
LM-13-01	233	233.5	0	0	0	0	0
LM-13-01	233.5	234	0	0	0	0	0
LM-13-01	234	234.5	0	0	0	0	0
LM-13-01	234.5	235	0	0	0	0	0
LM-13-01	235	235.5	0	0	0	0	0
LM-13-01	235.5	236	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	219.5	220	0	0	0	0
LM-13-01	220	220.5	0	4.17	58.33	37.5
LM-13-01	220.5	221	0	0	0	0
LM-13-01	221	221.5	0	0	0	0
LM-13-01	221.5	222	0	0	20	80
LM-13-01	222	222.5	0	0	0	0
LM-13-01	222.5	223	0	0	0	0
LM-13-01	223	223.5	0	0	0	0
LM-13-01	223.5	224	0	0	0	0
LM-13-01	224	224.5	0	0	0	0
LM-13-01	224.5	225	0	0	0	0
LM-13-01	225	225.5	0	0	0	0
LM-13-01	225.5	226	0	0	0	0
LM-13-01	226	226.5	0	0	0	100
LM-13-01	226.5	227	0	0	0	0
LM-13-01	227	227.5	0	0	0	0
LM-13-01	227.5	228	0	0	0	0
LM-13-01	228	228.5	0	0.5	85.6	13.91
LM-13-01	228.5	229	0	0	0	0
LM-13-01	229	229.5	0	0	0	0
LM-13-01	229.5	230	0	0	0	0
LM-13-01	230	230.5	0	0	0	0
LM-13-01	230.5	231	0	0	0	0
LM-13-01	231	231.5	0	0	0	0
LM-13-01	231.5	232	0	0	0	0
LM-13-01	232	232.5	0	0	0	0
LM-13-01	232.5	233	0	0	0	0
LM-13-01	233	233.5	0	0	0	0
LM-13-01	233.5	234	0	0	0	0
LM-13-01	234	234.5	0	0	0	0
LM-13-01	234.5	235	0	0	0	0
LM-13-01	235	235.5	0	0	0	0
LM-13-01	235.5	236	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	236	236.5	13347	0.46	7.3	0	0	0
LM-13-01	236.5	237	4745	0.08	0.91	0	0	0
LM-13-01	237	237.5	6791	2.86	0	0	0	0
LM-13-01	237.5	238	12997	3.43	0.29	0	0	0.05
LM-13-01	238	238.5	8259	2.82	3.29	0	0	0.3
LM-13-01	238.5	239	10651	2.53	1.92	0	0	0
LM-13-01	239	239.5	3182	9.05	0.31	0	0	0
LM-13-01	239.5	240	2169	2.72	0	0	0	0
LM-13-01	240	240.5	13283	0.02	0	0	0	0
LM-13-01	240.5	241	9536	0.69	0	0	0	0
LM-13-01	241	241.5	13623	1.5	6.91	0	0	2.51
LM-13-01	241.5	242	13628	0.87	1.29	0	0	0.37
LM-13-01	242	242.5	7813	0.88	0	0	0	0
LM-13-01	242.5	243	18908	1.12	3.71	0	0	2.37
LM-13-01	243	243.5	19910	0.57	0.21	0	0	2.65
LM-13-01	243.5	244	20406	0.77	0.53	0	0	0.64
LM-13-01	244	244.5	11355	3.32	0	0	0	0
LM-13-01	244.5	245	19027	1.2	5.53	0	0	3.15
LM-13-01	245	245.5	19704	0.31	2.96	0	0	6.04
LM-13-01	245.5	246	16609	0.87	10.83	0	0	0.07
LM-13-01	246	246.5	12994	3.93	25.74	0	0	3.36
LM-13-01	246.5	247	19738	1.54	9.22	0	0	0.56
LM-13-01	247	247.5	17831	1.13	18.61	0	0	1.12
LM-13-01	247.5	248	12328	3.57	7.82	0	0.02	0.33
LM-13-01	248	248.5	20087	6.28	8	0	0	0.04
LM-13-01	248.5	249	19779	2.13	0.21	0	0	0.24
LM-13-01	249	249.5	20871	1.96	3.57	0	0	5.25
LM-13-01	249.5	250	17492	4.43	5.98	0	0	12.52
LM-13-01	250	250.5	20771	0.3	3.67	0	0	2.26
LM-13-01	250.5	251	20357	1.07	8.04	0	0	9.03
LM-13-01	251	251.5	19573	1.51	12.12	0	0	0.86
LM-13-01	251.5	252	18634	0.79	2.55	0	0	5.06
LM-13-01	252	252.5	19657	0.3	0.08	0	0	0.06

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	236	236.5	0	0	0	0	0	0
LM-13-01	236.5	237	0	0	0	0	0	0
LM-13-01	237	237.5	0	0	0	0	0	0
LM-13-01	237.5	238	0	0	0	0	0	0
LM-13-01	238	238.5	0	0	0	0	0	0
LM-13-01	238.5	239	0	0	0	0	0	0
LM-13-01	239	239.5	0	0	0	0	0	0
LM-13-01	239.5	240	0	0	0	0	0	0
LM-13-01	240	240.5	0	0	0	0	0	0
LM-13-01	240.5	241	0	0	0	0	0	0
LM-13-01	241	241.5	0	0	0	0	0	0
LM-13-01	241.5	242	0	0	0	0	0	0
LM-13-01	242	242.5	0	0	0	0	0	0
LM-13-01	242.5	243	0	0	0	0	0	0
LM-13-01	243	243.5	0	0	0	0	0	0
LM-13-01	243.5	244	0	0	0	0	0	0
LM-13-01	244	244.5	0	0	0	0	0	0
LM-13-01	244.5	245	0	0	0	0	0	0
LM-13-01	245	245.5	0	0	0	0	0	0
LM-13-01	245.5	246	0	0	0	0	0	0
LM-13-01	246	246.5	0.01	0	0	0	0	0
LM-13-01	246.5	247	0	0	0	0	0	0
LM-13-01	247	247.5	0.01	0	0	0	0	0
LM-13-01	247.5	248	0.01	0	0	0	0	0
LM-13-01	248	248.5	0	0	0	0	0	0
LM-13-01	248.5	249	0	0	0	0	0	0
LM-13-01	249	249.5	0.01	0	0	0	0	0
LM-13-01	249.5	250	0.01	0.01	0	0	0	0
LM-13-01	250	250.5	0.05	0	0	0	0	0
LM-13-01	250.5	251	0.01	0	0	0	0	0
LM-13-01	251	251.5	0	0	0	0	0	0
LM-13-01	251.5	252	0.2	0	0	0	0	0
LM-13-01	252	252.5	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	236	236.5	0	0	0	0	8.68
LM-13-01	236.5	237	0	0	0	0	3.62
LM-13-01	237	237.5	0	0	0	0	0
LM-13-01	237.5	238	0	0	0	0	0.11
LM-13-01	238	238.5	0	0	0	0	0.42
LM-13-01	238.5	239	0	0	0	0	0.95
LM-13-01	239	239.5	0	0	0	0	0
LM-13-01	239.5	240	0	0	0	0	0
LM-13-01	240	240.5	0	0	0	0	0
LM-13-01	240.5	241	0	0	0	0	0
LM-13-01	241	241.5	0	0	0	0	10.08
LM-13-01	241.5	242	0	0.04	0	0	0.93
LM-13-01	242	242.5	0	0	0	0	0
LM-13-01	242.5	243	0.01	0	0	0	16.97
LM-13-01	243	243.5	0	0	0	0	12.07
LM-13-01	243.5	244	0	0	0	0	15.7
LM-13-01	244	244.5	0	0	0	0	0.24
LM-13-01	244.5	245	0	0	0	0	8.48
LM-13-01	245	245.5	1.5	4.76	0	0.28	0
LM-13-01	245.5	246	0.19	0	0	0	7.9
LM-13-01	246	246.5	0	0	0	0	23.13
LM-13-01	246.5	247	0	0	0	0	16.03
LM-13-01	247	247.5	0	0	0	0	25.76
LM-13-01	247.5	248	0	0	0	0	21.91
LM-13-01	248	248.5	0	0	0	0	27.05
LM-13-01	248.5	249	0	0	0	0	47.72
LM-13-01	249	249.5	0	0	0	0	35.3
LM-13-01	249.5	250	0	0	0	0	25.1
LM-13-01	250	250.5	0	0	0	0	41.57
LM-13-01	250.5	251	0	0	0	0.08	42.31
LM-13-01	251	251.5	0.01	0	0	0.02	7.17
LM-13-01	251.5	252	0	0	0	0	7.74
LM-13-01	252	252.5	0	0	0	0	21.6

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	236	236.5	70.25	0	0	0	0
LM-13-01	236.5	237	74.29	0	0	0	0
LM-13-01	237	237.5	75.92	0	0	0	0
LM-13-01	237.5	238	82.73	0	0	0	0
LM-13-01	238	238.5	82.3	0	0	0	0
LM-13-01	238.5	239	83.36	0	0	0	0
LM-13-01	239	239.5	74.51	0	0	0	0
LM-13-01	239.5	240	45.14	0	0	0	0
LM-13-01	240	240.5	86.77	0	0	0	0
LM-13-01	240.5	241	82.39	0	0	0	0
LM-13-01	241	241.5	57.57	0	0	0	0
LM-13-01	241.5	242	75	0	0	0	0
LM-13-01	242	242.5	68.94	0	0	0	0
LM-13-01	242.5	243	62.86	0.02	0.29	0	0
LM-13-01	243	243.5	70.68	0.15	0.03	0	0
LM-13-01	243.5	244	66.1	0.02	0	0	0
LM-13-01	244	244.5	80.49	0	0	0	0
LM-13-01	244.5	245	61.67	0	0	0	0
LM-13-01	245	245.5	75.21	0	0	0.01	0
LM-13-01	245.5	246	67.57	0.02	0	0	0
LM-13-01	246	246.5	24.23	0.29	0.02	0.01	0
LM-13-01	246.5	247	59.9	0.02	0.07	0	0
LM-13-01	247	247.5	34.4	0.11	0.39	0	0
LM-13-01	247.5	248	51.49	0.07	2.04	0	0
LM-13-01	248	248.5	44.86	0	0	0	0
LM-13-01	248.5	249	35.42	0.13	1.29	0	0
LM-13-01	249	249.5	40.87	0.18	0.67	0	0
LM-13-01	249.5	250	40.06	0.98	0.19	0.01	0
LM-13-01	250	250.5	39.23	0.18	0.1	0	0
LM-13-01	250.5	251	25.65	0.31	0.03	0.02	0
LM-13-01	251	251.5	65.25	0.01	0	0	0
LM-13-01	251.5	252	78.38	0.32	0.01	0.03	0
LM-13-01	252	252.5	76.32	0	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	236	236.5	0	0	0	0	0
LM-13-01	236.5	237	0	0	0	0	0
LM-13-01	237	237.5	0	0	0	0	0
LM-13-01	237.5	238	0	0	0	0	0
LM-13-01	238	238.5	0	0	0	0	0
LM-13-01	238.5	239	0	0	0	0	0
LM-13-01	239	239.5	0	0	0	0	0
LM-13-01	239.5	240	0	0	0	0	0
LM-13-01	240	240.5	0	0	0	0	0
LM-13-01	240.5	241	0	0	0	0	0
LM-13-01	241	241.5	0	0	0	0	0
LM-13-01	241.5	242	0	0	0	0	0
LM-13-01	242	242.5	0	0	0	0	0
LM-13-01	242.5	243	0	0	0	0	0
LM-13-01	243	243.5	0	0	0	0	0
LM-13-01	243.5	244	0	0	0	0	0
LM-13-01	244	244.5	0	0	0	0	0
LM-13-01	244.5	245	0	0	0	0	0
LM-13-01	245	245.5	0	0	0.44	2208	0
LM-13-01	245.5	246	0	0	0	0	0
LM-13-01	246	246.5	0	0	0.28	2215.45	0
LM-13-01	246.5	247	0	0	0	0	0
LM-13-01	247	247.5	0	0	0	0	0
LM-13-01	247.5	248	2348	0	0	0	0
LM-13-01	248	248.5	0	0	0	0	0
LM-13-01	248.5	249	0	0	0	0	0
LM-13-01	249	249.5	0	0	0	0	0
LM-13-01	249.5	250	0	0	0.34	2216.7	0
LM-13-01	250	250.5	0	0	0	0	0
LM-13-01	250.5	251	0	0	0.36	2207.72	0
LM-13-01	251	251.5	0	0	0	0	0
LM-13-01	251.5	252	0	0	0.27	2207	0
LM-13-01	252	252.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	236	236.5	0	0	0	0	0
LM-13-01	236.5	237	0	0	0	0	0
LM-13-01	237	237.5	0	0	0	0	0
LM-13-01	237.5	238	0	0	0	0	0
LM-13-01	238	238.5	0	0	0	0	0
LM-13-01	238.5	239	0	0	0	0	0
LM-13-01	239	239.5	0	0	0	0	0
LM-13-01	239.5	240	0	0	0	0	0
LM-13-01	240	240.5	0	0	0	0	0
LM-13-01	240.5	241	0	0	0	0	0
LM-13-01	241	241.5	0	0	0	0	0
LM-13-01	241.5	242	0	0	0	0	0
LM-13-01	242	242.5	0	0	0	0	0
LM-13-01	242.5	243	0	0	0	0	0
LM-13-01	243	243.5	0	0	0	0	0
LM-13-01	243.5	244	0	0	0	0	0
LM-13-01	244	244.5	0	0	0	0	0
LM-13-01	244.5	245	0	0	0	0	0
LM-13-01	245	245.5	0	50	50	0	0
LM-13-01	245.5	246	0	0	0	0	0
LM-13-01	246	246.5	0	0	100	0	0
LM-13-01	246.5	247	0	0	0	0	0
LM-13-01	247	247.5	0	0	0	0	0
LM-13-01	247.5	248	0	0	0	0	0
LM-13-01	248	248.5	0	0	0	0	0
LM-13-01	248.5	249	0	0	0	0	0
LM-13-01	249	249.5	0	0	0	0	0
LM-13-01	249.5	250	0	0	0	100	2253.29
LM-13-01	250	250.5	0	0	0	0	0
LM-13-01	250.5	251	0	50	50	0	2254.74
LM-13-01	251	251.5	0	0	0	0	0
LM-13-01	251.5	252	0	60	40	0	0
LM-13-01	252	252.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	236	236.5	0	0	0	0
LM-13-01	236.5	237	0	0	0	0
LM-13-01	237	237.5	0	0	0	0
LM-13-01	237.5	238	0	0	0	0
LM-13-01	238	238.5	0	0	0	0
LM-13-01	238.5	239	0	0	0	0
LM-13-01	239	239.5	0	0	0	0
LM-13-01	239.5	240	0	0	0	0
LM-13-01	240	240.5	0	0	0	0
LM-13-01	240.5	241	0	0	0	0
LM-13-01	241	241.5	0	0	0	0
LM-13-01	241.5	242	0	0	0	0
LM-13-01	242	242.5	0	0	0	0
LM-13-01	242.5	243	0	0	0	0
LM-13-01	243	243.5	0	0	0	0
LM-13-01	243.5	244	0	0	0	0
LM-13-01	244	244.5	0	0	0	0
LM-13-01	244.5	245	0	0	0	0
LM-13-01	245	245.5	0	0	0	0
LM-13-01	245.5	246	0	0	0	0
LM-13-01	246	246.5	0	0	0	0
LM-13-01	246.5	247	0	0	0	0
LM-13-01	247	247.5	0	0	0	0
LM-13-01	247.5	248	0	0	0	0
LM-13-01	248	248.5	0	0	0	0
LM-13-01	248.5	249	0	0	0	0
LM-13-01	249	249.5	0	0	0	0
LM-13-01	249.5	250	0	0	100	0
LM-13-01	250	250.5	0	0	0	0
LM-13-01	250.5	251	0	0	100	0
LM-13-01	251	251.5	0	0	0	0
LM-13-01	251.5	252	0	0	0	0
LM-13-01	252	252.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	252.5	253	21312	1.21	0.28	0	0	3.58
LM-13-01	253	253.5	13025	1.51	0.12	0	0	0.28
LM-13-01	253.5	254	22080	0.18	0.14	0	0	2.02
LM-13-01	254	254.5	19394	1.6	0.07	0	0	0.46
LM-13-01	254.5	255	9233	0.04	0	0	0	0.1
LM-13-01	255	255.5	19967	2.44	1.21	0	0	0.21
LM-13-01	255.5	256	18687	0.29	10.85	0	0	2.18
LM-13-01	256	256.5	13715	1.09	20.91	0	0	32.18
LM-13-01	256.5	257	15999	0.54	13.25	0	0	5.4
LM-13-01	257	257.5	14510	2.5	1.32	0	0	0.26
LM-13-01	257.5	258	19300	3.88	11.2	0	0.49	12.39
LM-13-01	258	258.5	15984	14.43	8.35	0	3.77	12.67
LM-13-01	258.5	259	22020	3.28	11.99	0	7.74	7.31
LM-13-01	259	259.5	21594	5.23	7.64	0.02	8	17.53
LM-13-01	259.5	260	18943	9.81	0.53	0	2.13	0.48
LM-13-01	260	260.5	12521	7.04	9.98	0	2.48	3.24
LM-13-01	260.5	261	15663	18.76	55.09	0	0.22	4.48
LM-13-01	261	261.5	14865	7.61	5.19	0	0.51	6.99
LM-13-01	261.5	262	6576	11.79	11.94	0	0	0.58
LM-13-01	262	262.5	5252	7.16	61.58	0	0	2.32
LM-13-01	262.5	263	15873	5.97	7.55	0.03	6.52	6.26
LM-13-01	263	263.5	16959	4.15	21.94	0	4.34	35.33
LM-13-01	263.5	264	16805	3.92	17.2	0.15	2.58	43.32
LM-13-01	264	264.5	9875	2.68	4.05	0.08	1.94	65.1
LM-13-01	264.5	265	16336	8.51	11.65	0.02	5.77	14.16
LM-13-01	265	265.5	16713	10.27	16.27	0.02	6.06	21.47
LM-13-01	265.5	266	17100	11.67	10.11	0	2.71	4.25
LM-13-01	266	266.5	13152	9.61	3.3	0	0.96	2.72
LM-13-01	266.5	267	7986	40.77	3.39	0	1.2	2.6
LM-13-01	267	267.5	16919	24.94	6.77	0	0.43	2.37
LM-13-01	267.5	268	15740	5.84	17.29	0	2.14	14.99
LM-13-01	268	268.5	17040	7.01	40.19	0	2.01	11.26
LM-13-01	268.5	269	7485	5.26	29.63	0	1.14	17.84

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	252.5	253	0.03	0	0	0	0	0
LM-13-01	253	253.5	0	0	0	0	0	0
LM-13-01	253.5	254	0	0	0	0	0	0
LM-13-01	254	254.5	0	0	0	0	0	0
LM-13-01	254.5	255	0	0	0	0	0	0
LM-13-01	255	255.5	0	0	0	0	0	0
LM-13-01	255.5	256	0	0	0	0	0	0
LM-13-01	256	256.5	0.01	0	0	0	0	0
LM-13-01	256.5	257	0	0	0	0	0	0
LM-13-01	257	257.5	0	0	0.01	0	0	0
LM-13-01	257.5	258	3.57	0.39	0.04	0	0	0
LM-13-01	258	258.5	14.27	3.75	0.21	0	0	0.01
LM-13-01	258.5	259	19.61	3.83	0.25	0	0	0
LM-13-01	259	259.5	14.49	7.65	0.31	0	0	0
LM-13-01	259.5	260	4.77	1.76	0.08	0	0.01	0.18
LM-13-01	260	260.5	8.43	2.48	0.02	0	0	0
LM-13-01	260.5	261	0.91	0	0	0	0	0
LM-13-01	261	261.5	1.46	2.46	0.05	0	0	0
LM-13-01	261.5	262	0	0	0	0	0	0
LM-13-01	262	262.5	0	0	0	0	0	0
LM-13-01	262.5	263	8.65	6.73	0.49	0	0	0
LM-13-01	263	263.5	11.33	6.86	0.12	0	0	0
LM-13-01	263.5	264	4.93	0.06	0	0	0.29	0.05
LM-13-01	264	264.5	5.93	0	0	0	0.18	0.31
LM-13-01	264.5	265	17	6.02	0.21	0	0	0
LM-13-01	265	265.5	10.81	0.13	0	0	0.07	0.21
LM-13-01	265.5	266	5.91	3.53	0.04	0	0	0
LM-13-01	266	266.5	4.14	2.52	0.3	0	0	0
LM-13-01	266.5	267	6.95	7.89	0	0	0	0
LM-13-01	267	267.5	5.07	8.03	0.04	0	0	0
LM-13-01	267.5	268	3.7	6.91	0.37	0	0	0
LM-13-01	268	268.5	1.27	0	0	0	0	0
LM-13-01	268.5	269	5.54	0.03	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	252.5	253	0	0.03	0	0	15.36
LM-13-01	253	253.5	0	0	0	0	4.61
LM-13-01	253.5	254	0	0	0	0	16.73
LM-13-01	254	254.5	0	0	0	0	5.05
LM-13-01	254.5	255	0	0	0	0	1.1
LM-13-01	255	255.5	0	0	0	0	1.7
LM-13-01	255.5	256	0	0.02	0	0	14.43
LM-13-01	256	256.5	0	0	0	0	38.64
LM-13-01	256.5	257	0	0	0	0	26.65
LM-13-01	257	257.5	0	0	0	0	7.39
LM-13-01	257.5	258	0.1	0.64	0.06	7.9	29.18
LM-13-01	258	258.5	0.01	4.09	0.29	6.91	8.57
LM-13-01	258.5	259	0.02	0.22	0.05	5.35	13.09
LM-13-01	259	259.5	0	0.13	0.01	3.53	22.04
LM-13-01	259.5	260	0	0.11	0	0.02	32.5
LM-13-01	260	260.5	0	0.3	0	0.58	50.79
LM-13-01	260.5	261	0	0.46	0	0.07	13.93
LM-13-01	261	261.5	0	0.05	0	0.35	41.63
LM-13-01	261.5	262	0	0	0	0	18.25
LM-13-01	262	262.5	0	0	0	0	6.91
LM-13-01	262.5	263	0.02	0.07	0	2.04	29.67
LM-13-01	263	263.5	0	0.01	0.21	6.4	1.89
LM-13-01	263.5	264	0.04	0.02	0.23	19.01	3.66
LM-13-01	264	264.5	0	0.01	0.01	8.38	1.33
LM-13-01	264.5	265	0	0.01	0	0.36	10.11
LM-13-01	265	265.5	0	0.01	0.13	27.61	5.91
LM-13-01	265.5	266	0	0.07	0	0.01	47.85
LM-13-01	266	266.5	0	0.08	0	0.02	47.71
LM-13-01	266.5	267	0	0	0	0	24.76
LM-13-01	267	267.5	0	0.01	0	0	28.54
LM-13-01	267.5	268	0	0.01	0	0	22.31
LM-13-01	268	268.5	0	0	0.25	2.83	2.61
LM-13-01	268.5	269	0	0	0	0.39	0.79

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	252.5	253	81.19	0.16	0.01	0.12	0.01
LM-13-01	253	253.5	86.17	0.01	0.05	0	0
LM-13-01	253.5	254	81.51	0.02	0.05	0	0
LM-13-01	254	254.5	91.52	0	0	0	0
LM-13-01	254.5	255	83.08	0	0	0	0
LM-13-01	255	255.5	89.67	0	0	0	0
LM-13-01	255.5	256	69.82	0	0	0	0
LM-13-01	256	256.5	14.98	0.52	0.12	0	0
LM-13-01	256.5	257	54.07	0	0	0	0
LM-13-01	257	257.5	82.83	0.13	0.25	0	0
LM-13-01	257.5	258	37.73	2.8	0.8	1.19	0.11
LM-13-01	258	258.5	20.71	5.96	0.25	6.33	0.88
LM-13-01	258.5	259	22.7	6.88	0.1	4.36	1.89
LM-13-01	259	259.5	10.12	5.81	0.37	5.45	1.94
LM-13-01	259.5	260	47.46	2.47	0.65	1.83	0.18
LM-13-01	260	260.5	8.79	7.75	1.11	1.77	0.22
LM-13-01	260.5	261	4.59	1.29	0.01	1.22	0.1
LM-13-01	261	261.5	33.46	2.25	0.05	5.09	0.5
LM-13-01	261.5	262	49.7	0	0	0.47	0
LM-13-01	262	262.5	13.31	0.04	0	0	0
LM-13-01	262.5	263	23.15	4.88	0.19	10.16	2.29
LM-13-01	263	263.5	5.19	2.52	0.01	4.36	1.17
LM-13-01	263.5	264	3.83	3.38	0.92	0.23	0.02
LM-13-01	264	264.5	0.17	7.66	0.78	0.58	0
LM-13-01	264.5	265	21.28	5.26	0.31	0.65	0.11
LM-13-01	265	265.5	5.83	5.1	0.07	0.05	0
LM-13-01	265.5	266	10.7	8.06	0.31	2.39	0.3
LM-13-01	266	266.5	28.92	10	0.85	2.43	0.24
LM-13-01	266.5	267	2.62	5.97	1.08	2.2	0.31
LM-13-01	267	267.5	23.55	5.14	0.31	4.59	0.47
LM-13-01	267.5	268	25.41	4.85	0.47	2.37	0.39
LM-13-01	268	268.5	27.51	0.83	0.04	0.11	0
LM-13-01	268.5	269	16.69	1.94	0.05	0.09	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	252.5	253	2347.63	0	0.48	2206.95	0
LM-13-01	253	253.5	0	0	0	0	0
LM-13-01	253.5	254	0	0	0	0	0
LM-13-01	254	254.5	0	0	0	0	0
LM-13-01	254.5	255	0	0	0	0	0
LM-13-01	255	255.5	0	0	0	0	0
LM-13-01	255.5	256	0	0	0	0	0
LM-13-01	256	256.5	0	0	0	0	0
LM-13-01	256.5	257	0	0	0	0	0
LM-13-01	257	257.5	0	0	0	0	0
LM-13-01	257.5	258	2345.45	0	0.66	2205.72	0.43
LM-13-01	258	258.5	2340.29	0	1.31	2204.68	0
LM-13-01	258.5	259	2340.99	0	0.82	2203.77	0.77
LM-13-01	259	259.5	2343.32	0	0.93	2202.3	0.58
LM-13-01	259.5	260	2346.89	900.03	0.71	2203.97	3.15
LM-13-01	260	260.5	2346.55	0	0.86	2204.09	0.91
LM-13-01	260.5	261	2343.25	0	0.76	2204.4	0
LM-13-01	261	261.5	2345.78	0	0.73	2205.15	0.81
LM-13-01	261.5	262	0	0	0.34	2207.37	0
LM-13-01	262	262.5	0	0	0	0	0
LM-13-01	262.5	263	2344.46	0	1.01	2203.34	0.22
LM-13-01	263	263.5	2344.22	0	0.57	2202.98	0
LM-13-01	263.5	264	2342.89	910.35	0.55	2204.39	0
LM-13-01	264	264.5	2342.74	885.15	0.57	2202.81	0
LM-13-01	264.5	265	2343.1	0	0.75	2202	0.94
LM-13-01	265	265.5	2342.19	884.78	0.64	2204.9	0
LM-13-01	265.5	266	2345.45	0	0.76	2202.77	0.24
LM-13-01	266	266.5	2345.74	0	1.26	2202.77	0
LM-13-01	266.5	267	2345.78	0	0.5	2202.57	0.59
LM-13-01	267	267.5	2347.56	0	0.56	2203.56	0.78
LM-13-01	267.5	268	2345.5	0	0.78	2201.72	0.27
LM-13-01	268	268.5	2343.46	0	0.53	2203.91	0
LM-13-01	268.5	269	2344.37	0	0.41	2203.62	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	252.5	253	0	80.77	19.23	0	0
LM-13-01	253	253.5	0	0	0	0	0
LM-13-01	253.5	254	0	0	0	0	0
LM-13-01	254	254.5	0	0	0	0	0
LM-13-01	254.5	255	0	0	0	0	0
LM-13-01	255	255.5	0	0	0	0	0
LM-13-01	255.5	256	0	0	0	0	0
LM-13-01	256	256.5	0	0	0	0	0
LM-13-01	256.5	257	0	0	0	0	0
LM-13-01	257	257.5	0	0	0	0	0
LM-13-01	257.5	258	1.74	80	16.96	0.87	2256.27
LM-13-01	258	258.5	0.59	95.35	4.06	0	2255.03
LM-13-01	258.5	259	3.28	90.5	5.03	0.42	2255.6
LM-13-01	259	259.5	12.6	83.89	2.62	0.32	2256.16
LM-13-01	259.5	260	7.16	77.36	10.6	1.72	2256.16
LM-13-01	260	260.5	7.73	77.27	10	4.09	2255.17
LM-13-01	260.5	261	5.32	86.17	8.51	0	0
LM-13-01	261	261.5	4.32	82.86	11.07	0.94	2255.65
LM-13-01	261.5	262	3.33	50	46.67	0	0
LM-13-01	262	262.5	0	0	0	0	0
LM-13-01	262.5	263	6.27	89.28	3.72	0.5	2256.22
LM-13-01	263	263.5	7.92	88.95	3.02	0.1	2256.32
LM-13-01	263.5	264	2.7	91.89	5.41	0	2259.14
LM-13-01	264	264.5	8.77	91.23	0	0	0
LM-13-01	264.5	265	23.58	72.64	2.83	0	2255.19
LM-13-01	265	265.5	0	100	0	0	2253.74
LM-13-01	265.5	266	10.19	88.11	1.46	0	2255.49
LM-13-01	266	266.5	4.98	93.77	0.93	0.31	2255.67
LM-13-01	266.5	267	17.16	77.51	3.55	1.18	2256.55
LM-13-01	267	267.5	9.3	85.27	4.65	0	2256.65
LM-13-01	267.5	268	22.43	75.14	1.89	0.27	2255.61
LM-13-01	268	268.5	0	100	0	0	0
LM-13-01	268.5	269	0	85.71	14.29	0	2254.82

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	252.5	253	0	0	0	0
LM-13-01	253	253.5	0	0	0	0
LM-13-01	253.5	254	0	0	0	0
LM-13-01	254	254.5	0	0	0	0
LM-13-01	254.5	255	0	0	0	0
LM-13-01	255	255.5	0	0	0	0
LM-13-01	255.5	256	0	0	0	0
LM-13-01	256	256.5	0	0	0	0
LM-13-01	256.5	257	0	0	0	0
LM-13-01	257	257.5	0	0	0	0
LM-13-01	257.5	258	0	0	77.33	22.67
LM-13-01	258	258.5	0.18	1.23	82.11	16.49
LM-13-01	258.5	259	0.12	1.45	75.75	22.68
LM-13-01	259	259.5	0.06	0.68	71.86	27.4
LM-13-01	259.5	260	0	0	70.93	29.07
LM-13-01	260	260.5	0	0.97	89.32	9.71
LM-13-01	260.5	261	0	0	0	0
LM-13-01	261	261.5	0	2.76	69.61	27.62
LM-13-01	261.5	262	0	0	0	0
LM-13-01	262	262.5	0	0	0	0
LM-13-01	262.5	263	0	0.09	74.01	25.9
LM-13-01	263	263.5	0	0.17	74.18	25.65
LM-13-01	263.5	264	0	0	0	100
LM-13-01	264	264.5	0	0	0	0
LM-13-01	264.5	265	0	1.12	91.02	7.86
LM-13-01	265	265.5	4.55	27.27	40.91	27.27
LM-13-01	265.5	266	0	1.52	81.25	17.23
LM-13-01	266	266.5	0	1.85	79.38	18.77
LM-13-01	266.5	267	0	0.65	61.3	38.05
LM-13-01	267	267.5	0	0.83	58.17	41
LM-13-01	267.5	268	0	0.37	81.85	17.78
LM-13-01	268	268.5	0	0	0	0
LM-13-01	268.5	269	0	0	100	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	269	269.5	16904	2.95	34.67	0	0.2	14.16
LM-13-01	269.5	270	16054	2.44	8.94	0	0.04	24.16
LM-13-01	270	270.5	17040	8.38	32.52	0	0.06	29.94
LM-13-01	270.5	271	4458	5.02	40.92	0	0	27.41
LM-13-01	271	271.5	19026	1.24	18.82	0	0.02	2.29
LM-13-01	271.5	272	20835	4.35	5.79	0	0.38	34.39
LM-13-01	272	272.5	21880	1.46	24.64	0	1.04	16.18
LM-13-01	272.5	273	13943	3.77	29.06	0	0.05	21.61
LM-13-01	273	273.5	21452	1.74	18.68	0	0.9	29.15
LM-13-01	273.5	274	21193	0.83	22.14	0	0	3.08
LM-13-01	274	274.5	15668	2.71	2.36	0	0.01	0.83
LM-13-01	274.5	275	20584	1.87	20.21	0	0	2.93
LM-13-01	275	275.5	20993	0.88	17.63	0	0	4.58
LM-13-01	275.5	276	19787	0.67	32.11	0	0	13.18
LM-13-01	276	276.5	15360	2.34	37.98	0	0	17.05
LM-13-01	276.5	277	18627	4.17	10.97	0	0.27	3.2
LM-13-01	277	277.5	18743	5.21	0.65	0	1.77	1.52
LM-13-01	277.5	278	10248	7.89	4.36	0	0.42	5.13
LM-13-01	278	278.5	21407	15.44	0.37	0	0.39	0.15
LM-13-01	278.5	279	21368	12.39	14.54	0.15	1.56	12.68
LM-13-01	279	279.5	20568	4.96	11.05	0.01	0.34	54.01
LM-13-01	279.5	280	19840	3.1	40.09	0	0	23.62
LM-13-01	280	280.5	22057	5.52	28.64	0	0	23.58
LM-13-01	280.5	281	21954	2.59	23.79	0	0	22.43
LM-13-01	281	281.5	14836	8.75	27.78	0	0	19.18
LM-13-01	281.5	282	22080	2.96	32.14	0	1.14	18.08
LM-13-01	282	282.5	21417	3.12	48.11	0	0	13.22
LM-13-01	282.5	283	18458	4.26	47.38	0	0.01	9.22
LM-13-01	283	283.5	21525	23.27	26.3	0	0.07	8.31
LM-13-01	283.5	284	20780	18.19	40.02	0	0	16.12
LM-13-01	284	284.5	19631	7.01	45.96	0	0	4.29
LM-13-01	284.5	285	12887	2.92	2.57	0	0.4	5.57
LM-13-01	285	285.5	20243	8.28	23.73	0	0	15.85

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	269	269.5	3.81	0.16	0	0	0	0
LM-13-01	269.5	270	0.57	0.31	0.03	0	0	0
LM-13-01	270	270.5	0.62	0	0	0	0	0
LM-13-01	270.5	271	0	0	0	0	0	0
LM-13-01	271	271.5	0.73	0	0	0	0	0
LM-13-01	271.5	272	3.61	0.39	0	0	0	0
LM-13-01	272	272.5	7.24	0.64	0.05	0	0	0
LM-13-01	272.5	273	0.29	0	0	0	0	0
LM-13-01	273	273.5	1.4	2.96	0.22	0	0	0
LM-13-01	273.5	274	0	0	0	0	0	0
LM-13-01	274	274.5	0.34	0	0	0	0	0
LM-13-01	274.5	275	0.88	0	0	0	0	0
LM-13-01	275	275.5	0.03	0	0	0	0	0
LM-13-01	275.5	276	0	0	0	0	0	0
LM-13-01	276	276.5	0.02	0	0	0	0	0
LM-13-01	276.5	277	3.46	0.26	0	0	0	0
LM-13-01	277	277.5	9.91	6.04	0.05	0	0.01	0
LM-13-01	277.5	278	7.97	1.35	0	0	0	0.01
LM-13-01	278	278.5	2.72	2.46	0	0	0	0
LM-13-01	278.5	279	6.9	3.29	0	0	0	0
LM-13-01	279	279.5	2.93	1.1	0.04	0	0	0
LM-13-01	279.5	280	0.48	0.79	0.15	0	0	0
LM-13-01	280	280.5	0.1	0	0	0	0	0
LM-13-01	280.5	281	0	0.12	0	0	0	0
LM-13-01	281	281.5	0.08	0	0	0	0	0
LM-13-01	281.5	282	6.78	0.64	0	0	0	0
LM-13-01	282	282.5	2.81	0	0	0	0	0
LM-13-01	282.5	283	0.43	0	0	0	0	0
LM-13-01	283	283.5	0.32	0.26	0	0	0	0
LM-13-01	283.5	284	0	0	0	0	0	0
LM-13-01	284	284.5	0.02	0.87	0.01	0	0	0.01
LM-13-01	284.5	285	0.09	0.39	0	0	0	0
LM-13-01	285	285.5	0	1.39	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	269	269.5	0	0	0	0	9.79
LM-13-01	269.5	270	0	0.13	0	0	12.18
LM-13-01	270	270.5	0	0	0	0	2.45
LM-13-01	270.5	271	0	0	0	0	2.33
LM-13-01	271	271.5	0	0.01	0	0	11.78
LM-13-01	271.5	272	0	0	0	2.17	18.22
LM-13-01	272	272.5	0	0	0	0.21	18.87
LM-13-01	272.5	273	0	0.01	0	0.01	3.42
LM-13-01	273	273.5	0.03	0.05	0	0.09	12.51
LM-13-01	273.5	274	0	0	0	0	23.86
LM-13-01	274	274.5	0	0.03	0	0	30.83
LM-13-01	274.5	275	0	0	0	0	12.78
LM-13-01	275	275.5	0	0	0	0	17.51
LM-13-01	275.5	276	0	0	0	0	1.81
LM-13-01	276	276.5	0	0	0	0	2.6
LM-13-01	276.5	277	0	0	0	0.79	15.64
LM-13-01	277	277.5	0	0.03	0	0	25.26
LM-13-01	277.5	278	0	0	0	0.04	24.09
LM-13-01	278	278.5	0	0	0	0	11.48
LM-13-01	278.5	279	0	0.03	0	0.15	15.1
LM-13-01	279	279.5	0	0	0	0.34	1
LM-13-01	279.5	280	0	0.03	0	0	6.5
LM-13-01	280	280.5	0	0.05	0	0	11.75
LM-13-01	280.5	281	0	0	0	0	26.81
LM-13-01	281	281.5	0	0	0	0	4.18
LM-13-01	281.5	282	0	0	0	0	11.96
LM-13-01	282	282.5	0	0	0	0	1.27
LM-13-01	282.5	283	0	0	0	0	2.98
LM-13-01	283	283.5	0	0	0	0	3.33
LM-13-01	283.5	284	0	0	0	0	3.53
LM-13-01	284	284.5	0	0	0	0	2.35
LM-13-01	284.5	285	0	0.03	0	0	33.47
LM-13-01	285	285.5	0	0	0	0.01	29.48

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	269	269.5	31.15	3.86	0.24	0.12	0.01
LM-13-01	269.5	270	47.87	2.08	0.02	1.69	0.06
LM-13-01	270	270.5	16.33	1.52	0	0.01	0
LM-13-01	270.5	271	5.72	0	0	0	0
LM-13-01	271	271.5	45.67	1.37	0.04	0.18	0.01
LM-13-01	271.5	272	11.64	4.9	0.72	0.24	0.02
LM-13-01	272	272.5	11.04	4.07	0.34	0.31	0.11
LM-13-01	272.5	273	17.8	0.42	0.1	0.27	0.03
LM-13-01	273	273.5	17.38	1.73	0.71	2.05	0.62
LM-13-01	273.5	274	36.19	0.02	0	0	0
LM-13-01	274	274.5	50.63	1.07	0.04	1.75	0.06
LM-13-01	274.5	275	47.77	2.97	0.03	0.06	0
LM-13-01	275	275.5	44.7	0.18	0	0.14	0
LM-13-01	275.5	276	33.28	0.12	0	0.01	0
LM-13-01	276	276.5	18.83	0.09	0	0	0
LM-13-01	276.5	277	49.36	2.72	0.05	0	0
LM-13-01	277	277.5	36.38	7.41	0.02	0.9	0.02
LM-13-01	277.5	278	28.81	7.29	0.11	0.05	0
LM-13-01	278	278.5	55.03	2.35	0	0	0
LM-13-01	278.5	279	19.07	4.46	0.12	0.05	0
LM-13-01	279	279.5	6.08	5.11	0.15	0.01	0
LM-13-01	279.5	280	5.44	3.31	0	0.2	0.07
LM-13-01	280	280.5	12.82	1.11	0	0.05	0
LM-13-01	280.5	281	8	1.17	0.05	1.4	0.3
LM-13-01	281	281.5	19.51	0.6	0	0	0
LM-13-01	281.5	282	8.87	2.31	0.02	0.82	0.24
LM-13-01	282	282.5	13.63	1.34	0	0	0
LM-13-01	282.5	283	15.92	2.85	0.09	0.01	0
LM-13-01	283	283.5	22.62	0.9	0	1.39	0.09
LM-13-01	283.5	284	6.34	0.19	0	0	0
LM-13-01	284	284.5	24.99	0.25	0	0	0
LM-13-01	284.5	285	34.28	0.45	0.73	0.92	0.18
LM-13-01	285	285.5	10.93	0.54	0.13	0.03	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	269	269.5	2341.76	0	0.61	2202.76	0
LM-13-01	269.5	270	2342.53	0	0.55	2204.74	0.74
LM-13-01	270	270.5	2347.23	0	0.33	2217.17	0
LM-13-01	270.5	271	0	0	0	0	0
LM-13-01	271	271.5	2342.03	0	0.49	2204.78	3.03
LM-13-01	271.5	272	2346.41	0	0.76	2203.52	0
LM-13-01	272	272.5	2344.77	0	0.82	2201.43	1.52
LM-13-01	272.5	273	2346.71	0	0.71	2204.52	0
LM-13-01	273	273.5	2346.75	0	0.98	2201	2.75
LM-13-01	273.5	274	0	0	0	0	0
LM-13-01	274	274.5	2345.53	0	0.47	2205.56	2.2
LM-13-01	274.5	275	0	0	0.23	2199.64	42.86
LM-13-01	275	275.5	0	0	0.42	2206.48	0
LM-13-01	275.5	276	0	0	0.17	2200	0
LM-13-01	276	276.5	0	0	0	0	0
LM-13-01	276.5	277	2347.51	0	0	0	0
LM-13-01	277	277.5	2348.52	924	0.67	2203.54	0.59
LM-13-01	277.5	278	2344.95	0	0.39	2202.69	0
LM-13-01	278	278.5	2345.26	0	0	0	0
LM-13-01	278.5	279	2344.62	0	0.55	2202.91	10
LM-13-01	279	279.5	2344.23	0	0.88	2204.96	33.33
LM-13-01	279.5	280	0	0	0.83	2204.54	0
LM-13-01	280	280.5	0	0	0.32	2204.86	0
LM-13-01	280.5	281	0	0	0.68	2203.03	1.31
LM-13-01	281	281.5	0	0	0	0	0
LM-13-01	281.5	282	2345.97	0	0.66	2202.97	0.55
LM-13-01	282	282.5	0	0	0	0	0
LM-13-01	282.5	283	0	0	0.39	2205.47	0
LM-13-01	283	283.5	2347.56	0	0.73	2201.25	3.05
LM-13-01	283.5	284	0	0	0	0	0
LM-13-01	284	284.5	0	0	0	0	0
LM-13-01	284.5	285	2345	0	0.6	2204.53	4.27
LM-13-01	285	285.5	0	0	0.5	2203.76	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	269	269.5	14.29	85.71	0	0	2257.18
LM-13-01	269.5	270	2.96	90	6.3	0	2257.91
LM-13-01	270	270.5	0	0	0	100	0
LM-13-01	270.5	271	0	0	0	0	0
LM-13-01	271	271.5	3.03	87.88	6.06	0	0
LM-13-01	271.5	272	10	86	2	2	2256.05
LM-13-01	272	272.5	21.21	77.27	0	0	2257.35
LM-13-01	272.5	273	0	91.67	8.33	0	0
LM-13-01	273	273.5	30.5	64.91	1.83	0	2256.61
LM-13-01	273.5	274	0	0	0	0	0
LM-13-01	274	274.5	3.3	73.63	18.68	2.2	0
LM-13-01	274.5	275	0	57.14	0	0	0
LM-13-01	275	275.5	0	76.67	23.33	0	0
LM-13-01	275.5	276	50	50	0	0	0
LM-13-01	276	276.5	0	0	0	0	0
LM-13-01	276.5	277	0	0	0	0	2257.47
LM-13-01	277	277.5	7.1	90.53	1.78	0	2256.06
LM-13-01	277.5	278	0	100	0	0	2256.49
LM-13-01	278	278.5	0	0	0	0	2256.84
LM-13-01	278.5	279	20	60	10	0	2256.6
LM-13-01	279	279.5	0	0	66.67	0	2255.53
LM-13-01	279.5	280	0	97.5	2.5	0	2255.94
LM-13-01	280	280.5	0	90.91	9.09	0	0
LM-13-01	280.5	281	12.42	79.41	6.86	0	2257.38
LM-13-01	281	281.5	0	0	0	0	0
LM-13-01	281.5	282	20.77	73.77	4.92	0	2257.1
LM-13-01	282	282.5	0	0	0	0	0
LM-13-01	282.5	283	0	66.67	33.33	0	0
LM-13-01	283	283.5	21.69	73.56	1.69	0	2257.92
LM-13-01	283.5	284	0	0	0	0	0
LM-13-01	284	284.5	0	0	0	0	2255.72
LM-13-01	284.5	285	1.71	78.63	15.38	0	2256.23
LM-13-01	285	285.5	0	100	0	0	2256.09

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	269	269.5	0	0	44.44	55.56
LM-13-01	269.5	270	0	0	44.9	55.1
LM-13-01	270	270.5	0	0	0	0
LM-13-01	270.5	271	0	0	0	0
LM-13-01	271	271.5	0	0	0	0
LM-13-01	271.5	272	0	0	76.83	23.17
LM-13-01	272	272.5	0	0	62.88	37.12
LM-13-01	272.5	273	0	0	0	0
LM-13-01	273	273.5	0	0.32	67.72	31.96
LM-13-01	273.5	274	0	0	0	0
LM-13-01	274	274.5	0	0	0	0
LM-13-01	274.5	275	0	0	0	0
LM-13-01	275	275.5	0	0	0	0
LM-13-01	275.5	276	0	0	0	0
LM-13-01	276	276.5	0	0	0	0
LM-13-01	276.5	277	0	2.13	42.55	55.32
LM-13-01	277	277.5	0.09	1.62	70.68	27.61
LM-13-01	277.5	278	0	2.26	57.89	39.85
LM-13-01	278	278.5	0	0.4	56.13	43.48
LM-13-01	278.5	279	0	0.58	62.97	36.46
LM-13-01	279	279.5	0	0	87.61	12.39
LM-13-01	279.5	280	0	1.38	76.55	22.07
LM-13-01	280	280.5	0	0	0	0
LM-13-01	280.5	281	0	0	34.62	65.38
LM-13-01	281	281.5	0	0	0	0
LM-13-01	281.5	282	0	6.67	35.56	57.78
LM-13-01	282	282.5	0	0	0	0
LM-13-01	282.5	283	0	0	0	0
LM-13-01	283	283.5	0	0	28.57	71.43
LM-13-01	283.5	284	0	0	0	0
LM-13-01	284	284.5	0	2.38	79.76	17.86
LM-13-01	284.5	285	0	0	78	22
LM-13-01	285	285.5	0.72	1.44	65.47	32.37

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	285.5	286	22013	10.83	47.04	0	0	2.64
LM-13-01	286	286.5	11862	14.63	40.85	0	0	8.17
LM-13-01	286.5	287	21431	12.45	48.5	0	0	17.46
LM-13-01	287	287.5	22077	5.28	12.04	0	1.2	55.54
LM-13-01	287.5	288	18345	11.74	41.01	0	0.44	7.65
LM-13-01	288	288.5	16228	7.28	12.07	0	0	18.72
LM-13-01	288.5	289	20340	6.91	19.5	0	0.09	17.48
LM-13-01	289	289.5	20535	2.43	14.23	0	0.05	19.45
LM-13-01	289.5	290	10563	3.43	17.03	0	0	23.47
LM-13-01	290	290.5	20420	4.65	31.32	0	0	22.16
LM-13-01	290.5	291	20767	5.89	7.63	0	0	11.27
LM-13-01	291	291.5	15295	4.83	40.5	0	0	9.38
LM-13-01	291.5	292	14208	4.58	32.23	0	0.12	12.04
LM-13-01	292	292.5	20606	3.92	17.26	0	0	1.05
LM-13-01	292.5	293	20880	1.52	13.94	0	0	0.99
LM-13-01	293	293.5	13908	0.74	28.02	0	0	27.19
LM-13-01	293.5	294	19987	2.59	36.27	0	0	12.89
LM-13-01	294	294.5	19979	2.19	28.68	0	0	39.37
LM-13-01	294.5	295	12373	2.57	19.91	0	0	23.05
LM-13-01	295	295.5	9779	4.97	17.5	0	0.09	35.34
LM-13-01	295.5	296	20820	2.93	31.68	0	0.02	18.48
LM-13-01	296	296.5	20801	1.81	38.07	0	0	2.97
LM-13-01	296.5	297	13718	5.32	20.24	0	0	25.62
LM-13-01	297	297.5	15793	4.1	16.35	0	0	0.54
LM-13-01	297.5	298	16884	5.57	2.27	0	0.14	17.64
LM-13-01	298	298.5	16762	0.68	4.29	0	0	2.72
LM-13-01	298.5	299	2312	3.59	0	0	0	0
LM-13-01	299	299.5	17136	2.29	1.13	0.01	1.38	3.99
LM-13-01	299.5	300	19669	1.71	0.01	0	0	26.17
LM-13-01	300	300.5	17068	1.08	6.17	0	0	13.41
LM-13-01	300.5	301	13400	0.34	0.24	0	0	0
LM-13-01	301	301.5	19620	1.62	7.92	0	0	0.64
LM-13-01	301.5	302	18862	1.07	4.74	0	0.01	20.08

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	285.5	286	0	1.72	0	0	0	0
LM-13-01	286	286.5	0	0.08	0	0	0	0
LM-13-01	286.5	287	0	0	0	0	0	0
LM-13-01	287	287.5	6.48	0	0	0	0	0.01
LM-13-01	287.5	288	1.58	0.58	0.03	0	0	0.02
LM-13-01	288	288.5	0.05	0	0.01	0	0	0.01
LM-13-01	288.5	289	1.72	0	0	0	0	0
LM-13-01	289	289.5	0.21	0	0	0	0	0
LM-13-01	289.5	290	0.01	0	0	0	0	0
LM-13-01	290	290.5	0.51	0	0	0	0	0.01
LM-13-01	290.5	291	0	0	0	0	0	0
LM-13-01	291	291.5	0	0	0	0	0	0
LM-13-01	291.5	292	1.22	6.59	0.11	0	0	0
LM-13-01	292	292.5	0	0.28	0	0	0	0
LM-13-01	292.5	293	0	0	0	0	0	0
LM-13-01	293	293.5	0.01	0	0	0	0	0
LM-13-01	293.5	294	0.14	0	0	0	0	0
LM-13-01	294	294.5	0.01	0.16	0	0	0	0
LM-13-01	294.5	295	0	0	0	0	0	0
LM-13-01	295	295.5	1.01	0	0	0	0	0
LM-13-01	295.5	296	0.96	0	0	0	0	0
LM-13-01	296	296.5	0.07	0	0	0	0	0
LM-13-01	296.5	297	0.04	0	0	0	0	0
LM-13-01	297	297.5	0	0	0	0	0	0
LM-13-01	297.5	298	1.03	0	0	0	0	0
LM-13-01	298	298.5	0	0	0	0	0	0
LM-13-01	298.5	299	0	0	0	0	0	0
LM-13-01	299	299.5	5.18	4.48	0.1	0	0	0
LM-13-01	299.5	300	0.11	0	0	0	0	0
LM-13-01	300	300.5	0	0	0	0	0	0
LM-13-01	300.5	301	0	0	0	0	0	0
LM-13-01	301	301.5	0.04	0	0	0	0	0
LM-13-01	301.5	302	0.05	1.28	0.04	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	285.5	286	0	0	0	0	18.39
LM-13-01	286	286.5	0	0	0	0	6.17
LM-13-01	286.5	287	0	0	0	0	4.61
LM-13-01	287	287.5	0	0	0	0	0.71
LM-13-01	287.5	288	0	0.01	0	0	17.01
LM-13-01	288	288.5	0	0.01	0	0	21.64
LM-13-01	288.5	289	0	0	0	0	23.61
LM-13-01	289	289.5	0.01	0	0	0	24.58
LM-13-01	289.5	290	0	0	0	0	11.04
LM-13-01	290	290.5	0	0	0	0	1.74
LM-13-01	290.5	291	0	0	0	0	3.49
LM-13-01	291	291.5	0	0	0	0	3.58
LM-13-01	291.5	292	0	0.03	0	0	5.31
LM-13-01	292	292.5	0	0	0	0	9.6
LM-13-01	292.5	293	0	0	0	0	3.36
LM-13-01	293	293.5	0	0	0	0	3.26
LM-13-01	293.5	294	0	0	0	0	5.45
LM-13-01	294	294.5	0	0	0	0	4.17
LM-13-01	294.5	295	0	0	0	0	7.78
LM-13-01	295	295.5	0	0	0	0	2.31
LM-13-01	295.5	296	0	0.01	0	0	10.9
LM-13-01	296	296.5	0	0.02	0	0	5.9
LM-13-01	296.5	297	0	0	0	0	2.12
LM-13-01	297	297.5	0	0	0	0	7.76
LM-13-01	297.5	298	0	0	0	0.06	23.03
LM-13-01	298	298.5	0	0	0	0	44.91
LM-13-01	298.5	299	0	0	0	0	11.03
LM-13-01	299	299.5	0	0.02	0	0.03	25.93
LM-13-01	299.5	300	0	0	0	0	18
LM-13-01	300	300.5	0	0	0	0	13.69
LM-13-01	300.5	301	0	0	0	0	21.22
LM-13-01	301	301.5	0	0	0	0	41.84
LM-13-01	301.5	302	0	0	0	0	13.77

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	285.5	286	6.65	0.12	0	0	0
LM-13-01	286	286.5	10.41	0.01	0	0	0
LM-13-01	286.5	287	2.03	0	0	0	0
LM-13-01	287	287.5	0.49	2.8	0.13	0	0
LM-13-01	287.5	288	4.45	1.73	0.23	1.57	0.07
LM-13-01	288	288.5	14.69	0.72	0	0.01	0
LM-13-01	288.5	289	7.82	1.64	0	0	0
LM-13-01	289	289.5	20.88	0.13	0.11	0	0
LM-13-01	289.5	290	11.03	0.14	0.1	0.01	0
LM-13-01	290	290.5	20.74	0.01	0	0	0
LM-13-01	290.5	291	56.48	0.09	0	0.01	0
LM-13-01	291	291.5	18.89	0	0	0	0
LM-13-01	291.5	292	14.96	3.01	0.15	0.25	0
LM-13-01	292	292.5	54.98	1.03	0.22	0.01	0
LM-13-01	292.5	293	67.33	0.01	0	0	0
LM-13-01	293	293.5	11.91	1.76	0.01	0	0
LM-13-01	293.5	294	22.78	0.62	0.03	0.05	0
LM-13-01	294	294.5	3.39	0.65	0.05	0.01	0
LM-13-01	294.5	295	13.13	0.18	0	0.02	0
LM-13-01	295	295.5	7.85	2.88	0.07	0	0
LM-13-01	295.5	296	18.95	1.84	0.05	0.04	0
LM-13-01	296	296.5	36.92	0.24	0	0.41	0
LM-13-01	296.5	297	21.03	0.03	0	0.01	0
LM-13-01	297	297.5	56.89	0	0	0	0
LM-13-01	297.5	298	26.71	1.11	3.23	0.11	0
LM-13-01	298	298.5	24.97	0.06	0	0	0
LM-13-01	298.5	299	16.7	0	0	0	0
LM-13-01	299	299.5	44.66	4.37	0.57	1.08	0.03
LM-13-01	299.5	300	41.1	0.46	0	0.04	0
LM-13-01	300	300.5	43.81	0	0	0	0
LM-13-01	300.5	301	33.57	0.16	0	0	0
LM-13-01	301	301.5	34.85	0.59	0.08	0.13	0.02
LM-13-01	301.5	302	42.25	0.62	0	0.01	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	285.5	286	0	0	0	0	0
LM-13-01	286	286.5	0	0	0	0	0
LM-13-01	286.5	287	0	0	0	0	0
LM-13-01	287	287.5	2344.95	870.19	0.15	0	#DIV/0!
LM-13-01	287.5	288	2344.89	0	0.53	2203.87	0.7
LM-13-01	288	288.5	0	0	0	0	#DIV/0!
LM-13-01	288.5	289	2345.96	0	0	0	0
LM-13-01	289	289.5	2342.95	0	0	0	0
LM-13-01	289.5	290	0	0	0	0	#DIV/0!
LM-13-01	290	290.5	0	0	0	0	0
LM-13-01	290.5	291	0	0	0.3	2202.28	0
LM-13-01	291	291.5	0	0	0	0	0
LM-13-01	291.5	292	2348.21	0	0.57	2200.23	23.53
LM-13-01	292	292.5	0	0	0.16	0	100
LM-13-01	292.5	293	0	0	0	0	0
LM-13-01	293	293.5	0	0	0	0	0
LM-13-01	293.5	294	0	0	0.52	2202.54	0
LM-13-01	294	294.5	0	0	0.33	2204.2	0
LM-13-01	294.5	295	0	0	0.17	2218.61	0
LM-13-01	295	295.5	2338.93	0	0	0	0
LM-13-01	295.5	296	2346.28	0	0.38	2201.12	0
LM-13-01	296	296.5	0	0	0.78	2203.05	0
LM-13-01	296.5	297	0	0	0.47	2223.82	0
LM-13-01	297	297.5	0	0	0	0	0
LM-13-01	297.5	298	2343.79	0	0.6	2203.7	0
LM-13-01	298	298.5	0	0	0	0	0
LM-13-01	298.5	299	0	0	0	0	0
LM-13-01	299	299.5	2347.02	0	0.61	2200.22	5.52
LM-13-01	299.5	300	0	0	0.25	2208	33.33
LM-13-01	300	300.5	0	0	0	0	0
LM-13-01	300.5	301	0	0	0	0	0
LM-13-01	301	301.5	0	0	0.39	2202.01	0
LM-13-01	301.5	302	2352.09	0	0	0	#DIV/0!

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	285.5	286	0	0	0	0	2256.21
LM-13-01	286	286.5	0	0	0	0	2253.86
LM-13-01	286.5	287	0	0	0	0	0
LM-13-01	287	287.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-01	287.5	288	5.24	88.11	5.59	0.35	2256.08
LM-13-01	288	288.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-01	288.5	289	0	0	0	0	0
LM-13-01	289	289.5	0	0	0	0	0
LM-13-01	289.5	290	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-01	290	290.5	0	0	0	0	0
LM-13-01	290.5	291	33.33	66.67	0	0	0
LM-13-01	291	291.5	0	0	0	0	0
LM-13-01	291.5	292	5.88	67.65	2.94	0	2255.87
LM-13-01	292	292.5	0	0	0	0	2258.18
LM-13-01	292.5	293	0	0	0	0	0
LM-13-01	293	293.5	0	0	0	0	0
LM-13-01	293.5	294	9.09	81.82	9.09	0	0
LM-13-01	294	294.5	0	100	0	0	2257.37
LM-13-01	294.5	295	0	0	0	100	0
LM-13-01	295	295.5	0	0	0	0	0
LM-13-01	295.5	296	44.44	44.44	11.11	0	0
LM-13-01	296	296.5	9.64	89.16	1.2	0	0
LM-13-01	296.5	297	0	0	0	100	0
LM-13-01	297	297.5	0	0	0	0	0
LM-13-01	297.5	298	0	100	0	0	0
LM-13-01	298	298.5	0	0	0	0	0
LM-13-01	298.5	299	0	0	0	0	0
LM-13-01	299	299.5	48.07	39.78	6.63	0	2256.46
LM-13-01	299.5	300	0	33.33	33.33	0	0
LM-13-01	300	300.5	0	0	0	0	0
LM-13-01	300.5	301	0	0	0	0	0
LM-13-01	301	301.5	12.5	87.5	0	0	0
LM-13-01	301.5	302	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2255.59

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	285.5	286	0.26	0.79	72.49	26.46
LM-13-01	286	286.5	0	0	100	0
LM-13-01	286.5	287	0	0	0	0
LM-13-01	287	287.5	0	0	0	0
LM-13-01	287.5	288	0	4.81	58.65	36.54
LM-13-01	288	288.5	0	0	0	0
LM-13-01	288.5	289	0	0	0	0
LM-13-01	289	289.5	0	0	0	0
LM-13-01	289.5	290	0	0	0	0
LM-13-01	290	290.5	0	0	0	0
LM-13-01	290.5	291	0	0	0	0
LM-13-01	291	291.5	0	0	0	0
LM-13-01	291.5	292	0	0.97	79.89	19.14
LM-13-01	292	292.5	0	5.26	24.56	70.18
LM-13-01	292.5	293	0	0	0	0
LM-13-01	293	293.5	0	0	0	0
LM-13-01	293.5	294	0	0	0	0
LM-13-01	294	294.5	0	3.13	31.25	65.63
LM-13-01	294.5	295	0	0	0	0
LM-13-01	295	295.5	0	0	0	0
LM-13-01	295.5	296	0	0	0	0
LM-13-01	296	296.5	0	0	0	0
LM-13-01	296.5	297	0	0	0	0
LM-13-01	297	297.5	0	0	0	0
LM-13-01	297.5	298	0	0	0	0
LM-13-01	298	298.5	0	0	0	0
LM-13-01	298.5	299	0	0	0	0
LM-13-01	299	299.5	0	0.13	73.54	26.33
LM-13-01	299.5	300	0	0	0	0
LM-13-01	300	300.5	0	0	0	0
LM-13-01	300.5	301	0	0	0	0
LM-13-01	301	301.5	0	0	0	0
LM-13-01	301.5	302	0	0.41	89.67	9.92

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	spectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	302	302.5	17702	4.84	2.19	0	0	0.49
LM-13-01	302.5	303	7145	0.25	0.87	0	0	41.27
LM-13-01	303	303.5	19628	2.4	4.24	0	0	16.6
LM-13-01	303.5	304	19113	3.26	14.04	0	0	9.75
LM-13-01	304	304.5	10952	0.91	3.96	0	0	0.53
LM-13-01	304.5	305	13171	2.62	14.57	0	0	19.01
LM-13-01	305	305.5	18926	16.55	33.49	0	0	3.36
LM-13-01	305.5	306	18338	3.83	10.91	0	0	9.26
LM-13-01	306	306.5	10984	15.68	6.73	0	0	6.66
LM-13-01	306.5	307	19599	4.5	10.15	0	0	0.71
LM-13-01	307	307.5	22000	3.15	2.26	0	0	3.83
LM-13-01	307.5	308	14863	3.17	4.89	0	0	8.49
LM-13-01	308	308.5	14944	1.41	7.31	0	0	0.42
LM-13-01	308.5	309	21268	7.62	13.86	0	0	10.14
LM-13-01	309	309.5	22960	8.21	16.36	0	0	11.19
LM-13-01	309.5	310	11644	2.72	1.12	0	0	12.28
LM-13-01	310	310.5	23324	9.24	10.17	0	0	7.91
LM-13-01	310.5	311	23004	11.8	13.25	0	0.01	5.29
LM-13-01	311	311.5	17892	9.66	5.47	0	0	5.82
LM-13-01	311.5	312	22447	7.38	3	0	0	1.97
LM-13-01	312	312.5	21267	9.63	3.65	0	0	3.91
LM-13-01	312.5	313	11721	1.86	1.52	0	0	1.16
LM-13-01	313	313.5	23082	9.55	17.33	0	0	13.44
LM-13-01	313.5	314	21499	8.21	8.74	0	0	11.98
LM-13-01	314	314.5	8154	0.82	0	0	0	0
LM-13-01	314.5	315	18182	0.34	2.67	0	0	13.17
LM-13-01	315	315.5	20820	1.22	0.7	0	0.15	16.08
LM-13-01	315.5	316	20785	1.64	2.12	0	0.38	11.72
LM-13-01	316	316.5	13014	1.39	3.33	0	0	2.41
LM-13-01	316.5	317	19817	2.76	1.69	0	0	16.7
LM-13-01	317	317.5	19950	1.06	0.88	0	0	4.89
LM-13-01	317.5	318	20571	1.17	3.54	0	0.35	10.75
LM-13-01	318	318.5	13034	0.87	0.64	0	0	0.84

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	302	302.5	0	1.12	0	0	0	0
LM-13-01	302.5	303	0	0	0	0	0	0
LM-13-01	303	303.5	0.01	0	0	0	0	0
LM-13-01	303.5	304	0	0	0	0	0	0.01
LM-13-01	304	304.5	0.02	0	0	0	0	0
LM-13-01	304.5	305	0	0	0	0	0	0
LM-13-01	305	305.5	0	0	0	0	0	0
LM-13-01	305.5	306	0.03	0.09	0	0	0	0
LM-13-01	306	306.5	0	0	0	0	0	0
LM-13-01	306.5	307	1.8	0	0	0	0	0
LM-13-01	307	307.5	0.04	0.03	0	0	0	0.03
LM-13-01	307.5	308	0	0.96	0	0	0	0.05
LM-13-01	308	308.5	0.22	0	0	0	0	0
LM-13-01	308.5	309	0	0.08	0	0	0	0.04
LM-13-01	309	309.5	0.09	0	0	0	0	0.05
LM-13-01	309.5	310	0	0	0	0	0	0
LM-13-01	310	310.5	3.16	0	0	0	0	0.03
LM-13-01	310.5	311	0.35	0	0	0	0	0.01
LM-13-01	311	311.5	0	0	0	0	0	0.03
LM-13-01	311.5	312	0.01	0	0	0	0	0.02
LM-13-01	312	312.5	0	0	0	0	0	0.08
LM-13-01	312.5	313	0.05	0	0	0	0	0.01
LM-13-01	313	313.5	0.07	0	0	0	0	0.02
LM-13-01	313.5	314	0	0	0	0	0	0.1
LM-13-01	314	314.5	0	0	0	0	0	0
LM-13-01	314.5	315	0	0	0	0	0	0
LM-13-01	315	315.5	0.37	0.61	0.01	0	0	0
LM-13-01	315.5	316	4.09	0	0	0	0	0.02
LM-13-01	316	316.5	0	0	0	0	0	0
LM-13-01	316.5	317	0	0	0	0	0	0.01
LM-13-01	317	317.5	0.23	0	0	0	0	0
LM-13-01	317.5	318	3.48	0	0	0	0	0
LM-13-01	318	318.5	0.77	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	302	302.5	0	0	0	0.13	29.97
LM-13-01	302.5	303	0	0	0	0	14.09
LM-13-01	303	303.5	0	0	0	0	36.84
LM-13-01	303.5	304	0	0	0	0	30.71
LM-13-01	304	304.5	0	0	0	0	29.71
LM-13-01	304.5	305	0	0	0	0	4.68
LM-13-01	305	305.5	0	0	0	0	3.16
LM-13-01	305.5	306	0	0	0	0	13
LM-13-01	306	306.5	0	0	0	0	14.43
LM-13-01	306.5	307	0	0	0	0	15.81
LM-13-01	307	307.5	0	0	0	0	24.01
LM-13-01	307.5	308	0	0	0	0	27.21
LM-13-01	308	308.5	0	0.01	0	0	24.52
LM-13-01	308.5	309	0	0	0	0	13.14
LM-13-01	309	309.5	0	0	0	0	14.82
LM-13-01	309.5	310	0	0	0	0	8.6
LM-13-01	310	310.5	0	0	0	0	19.57
LM-13-01	310.5	311	0	0	0	0	17.27
LM-13-01	311	311.5	0	0	0	0	10.18
LM-13-01	311.5	312	0	0	0	0	15.09
LM-13-01	312	312.5	0	0	0	0	16.69
LM-13-01	312.5	313	0	0.86	0	0.01	11.02
LM-13-01	313	313.5	0	4.63	0	0.02	11.29
LM-13-01	313.5	314	0	0	0	0	12.83
LM-13-01	314	314.5	0	0	0	0	6.77
LM-13-01	314.5	315	0	0	0	0	12.68
LM-13-01	315	315.5	0	0.02	0	0	10.64
LM-13-01	315.5	316	0	0	0	0	8.38
LM-13-01	316	316.5	0	0	0	0	8.47
LM-13-01	316.5	317	0	0	0	0	10.2
LM-13-01	317	317.5	0	0	0	0	14.69
LM-13-01	317.5	318	0	0	0	0.01	17.23
LM-13-01	318	318.5	0	0	0	0	20.45

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	302	302.5	46.33	0.09	0	0	0
LM-13-01	302.5	303	14.3	1.02	0	0	0
LM-13-01	303	303.5	14.8	0.11	0	0	0
LM-13-01	303.5	304	19.9	0.02	0	0	0
LM-13-01	304	304.5	51.98	0.52	0	0.13	0.03
LM-13-01	304.5	305	27.11	0.23	0	0	0
LM-13-01	305	305.5	24.94	0	0	0	0
LM-13-01	305.5	306	47.06	0.64	0.13	0	0
LM-13-01	306	306.5	39.18	0.09	0	0	0
LM-13-01	306.5	307	55.69	0.96	0.01	0	0
LM-13-01	307	307.5	49.44	0.18	0.45	0	0
LM-13-01	307.5	308	41.59	0.19	0.01	0.01	0
LM-13-01	308	308.5	49.81	0.98	0.03	0.43	0.01
LM-13-01	308.5	309	36.59	0.16	0.08	0.02	0
LM-13-01	309	309.5	35.39	0.45	0.08	0	0
LM-13-01	309.5	310	51.73	0.02	0	0.01	0
LM-13-01	310	310.5	36.37	1.41	0.06	0	0
LM-13-01	310.5	311	38.84	0.31	0	0	0
LM-13-01	311	311.5	43.39	0.02	0.01	0	0
LM-13-01	311.5	312	53.81	0.24	0.08	0	0
LM-13-01	312	312.5	46.05	0	0.01	0	0
LM-13-01	312.5	313	54.38	0.31	0.09	0	0.01
LM-13-01	313	313.5	21.48	0.16	0	0.03	0.15
LM-13-01	313.5	314	38.27	0	0	0	0
LM-13-01	314	314.5	75.14	0.01	0	0	0
LM-13-01	314.5	315	57.52	0.25	0	0	0
LM-13-01	315	315.5	54.83	0.83	0.06	1.86	0.44
LM-13-01	315.5	316	56.99	0.12	0.02	0	0
LM-13-01	316	316.5	52.82	0	0	0	0
LM-13-01	316.5	317	44.83	0	0	0.02	0
LM-13-01	317	317.5	55.97	1.03	0.1	0	0
LM-13-01	317.5	318	40.07	1.99	0.13	0.01	0
LM-13-01	318	318.5	54.5	1.32	0.15	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	302	302.5	0	0	0	0	0
LM-13-01	302.5	303	0	0	0	0	0
LM-13-01	303	303.5	0	0	0	0	0
LM-13-01	303.5	304	0	0	0	0	0
LM-13-01	304	304.5	0	0	0.36	2203.86	0
LM-13-01	304.5	305	0	0	0	0	0
LM-13-01	305	305.5	0	0	0	0	0
LM-13-01	305.5	306	0	0	0	0	0
LM-13-01	306	306.5	0	0	0	0	0
LM-13-01	306.5	307	0	0	0	0	0
LM-13-01	307	307.5	0	901.33	0	0	0
LM-13-01	307.5	308	0	0	0.36	2205.91	0
LM-13-01	308	308.5	0	0	0.44	2204.65	1.64
LM-13-01	308.5	309	0	0	0.29	2202.67	0
LM-13-01	309	309.5	0	0	0	0	0
LM-13-01	309.5	310	0	0	0.27	2201.08	0
LM-13-01	310	310.5	0	895.08	0	0	0
LM-13-01	310.5	311	0	968	0	0	0
LM-13-01	311	311.5	0	0	0	0	0
LM-13-01	311.5	312	0	966	0	0	0
LM-13-01	312	312.5	0	887.66	0	0	0
LM-13-01	312.5	313	0	0	0	0	0
LM-13-01	313	313.5	0	0	1.19	2207.46	0
LM-13-01	313.5	314	0	940	0	0	0
LM-13-01	314	314.5	0	0	0	0	0
LM-13-01	314.5	315	0	0	0	0	0
LM-13-01	315	315.5	2344.7	0	1.16	2203.57	1.39
LM-13-01	315.5	316	2346.1	0	0	0	0
LM-13-01	316	316.5	0	0	0	0	0
LM-13-01	316.5	317	0	0	0.37	0	100
LM-13-01	317	317.5	0	0	0	0	0
LM-13-01	317.5	318	2344.29	0	0.45	2187.36	100
LM-13-01	318	318.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	302	302.5	0	0	0	0	2255.59
LM-13-01	302.5	303	0	0	0	0	0
LM-13-01	303	303.5	0	0	0	0	0
LM-13-01	303.5	304	0	0	0	0	0
LM-13-01	304	304.5	0	100	0	0	0
LM-13-01	304.5	305	0	0	0	0	0
LM-13-01	305	305.5	0	0	0	0	0
LM-13-01	305.5	306	0	0	0	0	2260.03
LM-13-01	306	306.5	0	0	0	0	0
LM-13-01	306.5	307	0	0	0	0	0
LM-13-01	307	307.5	0	0	0	0	2256.21
LM-13-01	307.5	308	0	100	0	0	2257.12
LM-13-01	308	308.5	4.92	78.69	8.2	6.56	0
LM-13-01	308.5	309	0	100	0	0	2255.84
LM-13-01	309	309.5	0	0	0	0	0
LM-13-01	309.5	310	0	100	0	0	0
LM-13-01	310	310.5	0	0	0	0	0
LM-13-01	310.5	311	0	0	0	0	0
LM-13-01	311	311.5	0	0	0	0	0
LM-13-01	311.5	312	0	0	0	0	0
LM-13-01	312	312.5	0	0	0	0	0
LM-13-01	312.5	313	0	0	0	0	0
LM-13-01	313	313.5	0	87.5	0	12.5	0
LM-13-01	313.5	314	0	0	0	0	0
LM-13-01	314	314.5	0	0	0	0	0
LM-13-01	314.5	315	0	0	0	0	0
LM-13-01	315	315.5	4.97	89.26	3.78	0.6	2257.36
LM-13-01	315.5	316	0	0	0	0	0
LM-13-01	316	316.5	0	0	0	0	0
LM-13-01	316.5	317	0	0	0	0	0
LM-13-01	317	317.5	0	0	0	0	0
LM-13-01	317.5	318	0	0	0	0	0
LM-13-01	318	318.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	302	302.5	0	1.54	78.97	19.49
LM-13-01	302.5	303	0	0	0	0
LM-13-01	303	303.5	0	0	0	0
LM-13-01	303.5	304	0	0	0	0
LM-13-01	304	304.5	0	0	0	0
LM-13-01	304.5	305	0	0	0	0
LM-13-01	305	305.5	0	0	0	0
LM-13-01	305.5	306	0	0	0	100
LM-13-01	306	306.5	0	0	0	0
LM-13-01	306.5	307	0	0	0	0
LM-13-01	307	307.5	0	0	83.33	16.67
LM-13-01	307.5	308	0	0	43.48	56.52
LM-13-01	308	308.5	0	0	0	0
LM-13-01	308.5	309	0	0	66.67	33.33
LM-13-01	309	309.5	0	0	0	0
LM-13-01	309.5	310	0	0	0	0
LM-13-01	310	310.5	0	0	0	0
LM-13-01	310.5	311	0	0	0	0
LM-13-01	311	311.5	0	0	0	0
LM-13-01	311.5	312	0	0	0	0
LM-13-01	312	312.5	0	0	0	0
LM-13-01	312.5	313	0	0	0	0
LM-13-01	313	313.5	0	0	0	0
LM-13-01	313.5	314	0	0	0	0
LM-13-01	314	314.5	0	0	0	0
LM-13-01	314.5	315	0	0	0	0
LM-13-01	315	315.5	0	0	48.39	51.61
LM-13-01	315.5	316	0	0	0	0
LM-13-01	316	316.5	0	0	0	0
LM-13-01	316.5	317	0	0	0	0
LM-13-01	317	317.5	0	0	0	0
LM-13-01	317.5	318	0	0	0	0
LM-13-01	318	318.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	318.5	319	17745	4.98	1.13	0	0	2.23
LM-13-01	319	319.5	16709	2.06	2.57	0	0	0.54
LM-13-01	319.5	320	11901	5.18	0.39	0	0	0.26
LM-13-01	320	320.5	19499	2.62	5.44	0	0	3.33
LM-13-01	320.5	321	19343	0.57	0.06	0	0	0.08
LM-13-01	321	321.5	18561	1.37	6.17	0	0	0.02
LM-13-01	321.5	322	14605	0.36	0.93	0	0	0.18
LM-13-01	322	322.5	20693	3	10.25	0	0	8.32
LM-13-01	322.5	323	20379	3.32	22.6	0	0	5.65
LM-13-01	323	323.5	16722	2.91	0.04	0	0	0.22
LM-13-01	323.5	324	13792	0.32	1.79	0	0	0.57
LM-13-01	324	324.5	18776	0.51	1.93	0	0.66	4.77
LM-13-01	324.5	325	18661	0.8	3.73	0	0	0.52
LM-13-01	325	325.5	4768	1.26	0.46	0	0	2.29
LM-13-01	325.5	326	17631	3.23	5.05	0	0	1.16
LM-13-01	326	326.5	19574	1.45	4.57	0	0	0.46
LM-13-01	326.5	327	16470	4.88	8.88	0	0	0.3
LM-13-01	327	327.5	4725	1.06	0.08	0	0	1.99
LM-13-01	327.5	328	19740	4.12	0.59	0	0.56	0.01
LM-13-01	328	328.5	19705	9.2	10.9	0	0.44	0.51
LM-13-01	328.5	329	19629	6.96	5	0	0	0
LM-13-01	329	329.5	8696	4.44	0.95	0	0	0.21
LM-13-01	329.5	330	17319	2.25	0	0	0	0
LM-13-01	330	330.5	18248	0.41	1.41	0	0	1.51
LM-13-01	330.5	331	15969	0.33	0.07	0	0	2.1
LM-13-01	331	331.5	10821	2.71	0.03	0	0	0
LM-13-01	331.5	332	18315	0.88	0.76	0	0	0.17
LM-13-01	332	332.5	19740	5.58	1.71	0	0	1.29
LM-13-01	332.5	333	17290	1.88	0.29	0	0	0.01
LM-13-01	333	333.5	18367	0.62	0.72	0	0.01	0.11
LM-13-01	333.5	334	22968	2.32	0.71	0	0	0.21
LM-13-01	334	334.5	15852	11.72	0.11	0	0	0.01
LM-13-01	334.5	335	17046	0.35	0.03	0	0	0

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	318.5	319	0.11	0	0	0	0	0
LM-13-01	319	319.5	0	0	0	0	0	0
LM-13-01	319.5	320	0	0	0	0	0	0
LM-13-01	320	320.5	0	0	0	0	0	0
LM-13-01	320.5	321	0	0	0	0	0	0
LM-13-01	321	321.5	0	0	0	0	0	0
LM-13-01	321.5	322	0	0	0	0	0	0
LM-13-01	322	322.5	0.01	0	0	0	0	0
LM-13-01	322.5	323	0	0	0	0	0	0
LM-13-01	323	323.5	0	0	0	0	0	0
LM-13-01	323.5	324	0	0	0	0	0	0
LM-13-01	324	324.5	0.35	0.36	0.06	0	0	0
LM-13-01	324.5	325	0	0	0	0	0	0
LM-13-01	325	325.5	0	0	0	0	0	0
LM-13-01	325.5	326	0	0	0	0	0	0
LM-13-01	326	326.5	0.01	0	0	0	0	0.01
LM-13-01	326.5	327	0.15	0	0	0	0	0
LM-13-01	327	327.5	0	0	0	0	0	0
LM-13-01	327.5	328	27.44	0	0	0	0	0.03
LM-13-01	328	328.5	29.86	0	0	0	0	0
LM-13-01	328.5	329	0	0	0	0	0	0.01
LM-13-01	329	329.5	0	0	0	0	0	0.01
LM-13-01	329.5	330	0	0	0	0	0	0
LM-13-01	330	330.5	0	0	0	0	0	0
LM-13-01	330.5	331	0	0	0	0	0	0
LM-13-01	331	331.5	0	0	0	0	0	0
LM-13-01	331.5	332	0	0	0	0	0	0.01
LM-13-01	332	332.5	0.02	0	0	0	0	0.01
LM-13-01	332.5	333	0.27	0	0	0	0	0
LM-13-01	333	333.5	0	0	0	0	0	0
LM-13-01	333.5	334	0	0	0	0	0	0
LM-13-01	334	334.5	0	0	0	0	0	0
LM-13-01	334.5	335	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	318.5	319	0	0.01	0	0	13.15
LM-13-01	319	319.5	0	0	0	0	12.81
LM-13-01	319.5	320	0	0	0	0	9.04
LM-13-01	320	320.5	0	0	0	0	16.62
LM-13-01	320.5	321	0	0	0	0	5.59
LM-13-01	321	321.5	0	0	0	0	5.55
LM-13-01	321.5	322	0	0	0	0	22.71
LM-13-01	322	322.5	0	0	0	0	23.72
LM-13-01	322.5	323	0	0	0	0	11.85
LM-13-01	323	323.5	0	0	0	0	7.42
LM-13-01	323.5	324	0	0	0	0	5.1
LM-13-01	324	324.5	0	0	0	0	26.19
LM-13-01	324.5	325	0	0	0	0	23.01
LM-13-01	325	325.5	0	0	0	0	6.88
LM-13-01	325.5	326	0	0	0	0	15.25
LM-13-01	326	326.5	0	0	0	0	37
LM-13-01	326.5	327	0	0	0	0	15.17
LM-13-01	327	327.5	0	0	0	0	1.59
LM-13-01	327.5	328	0.76	12.22	7.95	4.75	3.8
LM-13-01	328	328.5	2.44	14.85	10.61	2.47	2.72
LM-13-01	328.5	329	0	0	0	0	10.47
LM-13-01	329	329.5	0	0	0	0	4.62
LM-13-01	329.5	330	0	0	0	0	0.99
LM-13-01	330	330.5	0	0	0	0	1.82
LM-13-01	330.5	331	0	0	0	0	5.07
LM-13-01	331	331.5	0	0	0	0	7.49
LM-13-01	331.5	332	0	0	0	0	4.84
LM-13-01	332	332.5	0	0	0	0	8.92
LM-13-01	332.5	333	0	0	0	0	1.26
LM-13-01	333	333.5	0	0	0	0	3.09
LM-13-01	333.5	334	0	0	0	0	2.59
LM-13-01	334	334.5	0	0	0	0	1.46
LM-13-01	334.5	335	0	0	0	0	0.35

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	318.5	319	59.21	0.25	0.01	0.07	0
LM-13-01	319	319.5	58.4	0	0	0	0
LM-13-01	319.5	320	66.85	0.14	0	0	0
LM-13-01	320	320.5	47.15	0.07	0	0	0
LM-13-01	320.5	321	73.14	0.02	0.04	0	0
LM-13-01	321	321.5	71.04	0.01	0	0	0
LM-13-01	321.5	322	51.21	0	0	0	0
LM-13-01	322	322.5	39.42	0.01	0	0	0
LM-13-01	322.5	323	38.03	0	0	0	0
LM-13-01	323	323.5	78.38	0.01	0	0	0
LM-13-01	323.5	324	64.46	0	0	0	0
LM-13-01	324	324.5	44.82	0.74	0.06	0.93	0.11
LM-13-01	324.5	325	54.56	0	0	0	0
LM-13-01	325	325.5	53.1	0	0	0	0
LM-13-01	325.5	326	60.65	0.03	0	0	0
LM-13-01	326	326.5	43.25	0.07	0	0	0
LM-13-01	326.5	327	50.01	0.44	0.01	0	0
LM-13-01	327	327.5	41.74	0.23	0	0	0
LM-13-01	327.5	328	34.73	2.35	0.05	0.09	0
LM-13-01	328	328.5	10.52	4.47	0.09	0.21	0
LM-13-01	328.5	329	54.38	0	0	0	0
LM-13-01	329	329.5	65.28	0	0	0	0
LM-13-01	329.5	330	83.09	0	0	0	0
LM-13-01	330	330.5	77.41	0	0	0	0
LM-13-01	330.5	331	70.03	0	0	0.1	0.01
LM-13-01	331	331.5	61.72	0	0	0	0
LM-13-01	331.5	332	74.34	0	0	0	0
LM-13-01	332	332.5	58.14	0.17	0.06	0.06	0
LM-13-01	332.5	333	77.71	0.5	0	0	0
LM-13-01	333	333.5	74.39	0.19	0	0	0
LM-13-01	333.5	334	83.29	0	0	0	0
LM-13-01	334	334.5	79.09	0	0	0	0
LM-13-01	334.5	335	77.88	0	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	318.5	319	0	0	0.57	2207.16	0
LM-13-01	319	319.5	0	0	0	0	0
LM-13-01	319.5	320	0	0	0	0	0
LM-13-01	320	320.5	0	0	0	0	0
LM-13-01	320.5	321	0	0	0	0	0
LM-13-01	321	321.5	0	0	0	0	0
LM-13-01	321.5	322	0	0	0	0	0
LM-13-01	322	322.5	0	0	0	0	0
LM-13-01	322.5	323	0	0	0	0	0
LM-13-01	323	323.5	0	0	0	0	0
LM-13-01	323.5	324	0	0	0	0	0
LM-13-01	324	324.5	2346.57	0	0.73	2204.32	0.57
LM-13-01	324.5	325	0	0	0	0	0
LM-13-01	325	325.5	0	0	0	0	0
LM-13-01	325.5	326	0	0	0	0	0
LM-13-01	326	326.5	0	0	0	0	0
LM-13-01	326.5	327	0	0	0	0	0
LM-13-01	327	327.5	0	0	0	0	0
LM-13-01	327.5	328	2334.97	904	1.1	2204.71	0
LM-13-01	328	328.5	2343.6	0	1.34	2204.82	0
LM-13-01	328.5	329	0	0	0	0	0
LM-13-01	329	329.5	0	0	0	0	0
LM-13-01	329.5	330	0	0	0	0	0
LM-13-01	330	330.5	0	0	0	0	0
LM-13-01	330.5	331	0	0	0.49	2202.98	0
LM-13-01	331	331.5	0	0	0	0	0
LM-13-01	331.5	332	0	0	0	0	0
LM-13-01	332	332.5	0	0	0.45	2203.4	0
LM-13-01	332.5	333	0	0	0	0	0
LM-13-01	333	333.5	0	0	0	0	0
LM-13-01	333.5	334	0	0	0	0	0
LM-13-01	334	334.5	0	0	0	0	0
LM-13-01	334.5	335	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	318.5	319	0	66.67	33.33	0	0
LM-13-01	319	319.5	0	0	0	0	0
LM-13-01	319.5	320	0	0	0	0	0
LM-13-01	320	320.5	0	0	0	0	0
LM-13-01	320.5	321	0	0	0	0	0
LM-13-01	321	321.5	0	0	0	0	0
LM-13-01	321.5	322	0	0	0	0	0
LM-13-01	322	322.5	0	0	0	0	0
LM-13-01	322.5	323	0	0	0	0	0
LM-13-01	323	323.5	0	0	0	0	0
LM-13-01	323.5	324	0	0	0	0	0
LM-13-01	324	324.5	5.71	86.86	6.86	0	2257.44
LM-13-01	324.5	325	0	0	0	0	0
LM-13-01	325	325.5	0	0	0	0	0
LM-13-01	325.5	326	0	0	0	0	0
LM-13-01	326	326.5	0	0	0	0	0
LM-13-01	326.5	327	0	0	0	0	0
LM-13-01	327	327.5	0	0	0	0	0
LM-13-01	327.5	328	0	100	0	0	0
LM-13-01	328	328.5	0	97.67	2.33	0	0
LM-13-01	328.5	329	0	0	0	0	0
LM-13-01	329	329.5	0	0	0	0	0
LM-13-01	329.5	330	0	0	0	0	0
LM-13-01	330	330.5	0	0	0	0	0
LM-13-01	330.5	331	0	100	0	0	0
LM-13-01	331	331.5	0	0	0	0	0
LM-13-01	331.5	332	0	0	0	0	0
LM-13-01	332	332.5	18.18	72.73	9.09	0	0
LM-13-01	332.5	333	0	0	0	0	0
LM-13-01	333	333.5	0	0	0	0	0
LM-13-01	333.5	334	0	0	0	0	0
LM-13-01	334	334.5	0	0	0	0	0
LM-13-01	334.5	335	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	318.5	319	0	0	0	0
LM-13-01	319	319.5	0	0	0	0
LM-13-01	319.5	320	0	0	0	0
LM-13-01	320	320.5	0	0	0	0
LM-13-01	320.5	321	0	0	0	0
LM-13-01	321	321.5	0	0	0	0
LM-13-01	321.5	322	0	0	0	0
LM-13-01	322	322.5	0	0	0	0
LM-13-01	322.5	323	0	0	0	0
LM-13-01	323	323.5	0	0	0	0
LM-13-01	323.5	324	0	0	0	0
LM-13-01	324	324.5	0	0	43.75	56.25
LM-13-01	324.5	325	0	0	0	0
LM-13-01	325	325.5	0	0	0	0
LM-13-01	325.5	326	0	0	0	0
LM-13-01	326	326.5	0	0	0	0
LM-13-01	326.5	327	0	0	0	0
LM-13-01	327	327.5	0	0	0	0
LM-13-01	327.5	328	0	0	0	0
LM-13-01	328	328.5	0	0	0	0
LM-13-01	328.5	329	0	0	0	0
LM-13-01	329	329.5	0	0	0	0
LM-13-01	329.5	330	0	0	0	0
LM-13-01	330	330.5	0	0	0	0
LM-13-01	330.5	331	0	0	0	0
LM-13-01	331	331.5	0	0	0	0
LM-13-01	331.5	332	0	0	0	0
LM-13-01	332	332.5	0	0	0	0
LM-13-01	332.5	333	0	0	0	0
LM-13-01	333	333.5	0	0	0	0
LM-13-01	333.5	334	0	0	0	0
LM-13-01	334	334.5	0	0	0	0
LM-13-01	334.5	335	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	335	335.5	21775	0.43	0	0	0	0
LM-13-01	335.5	336	3225	0.84	0	0	0	0
LM-13-01	336	336.5	21511	13.55	22.08	0	0	1.65
LM-13-01	336.5	337	24905	12	17.24	0	0	3.98
LM-13-01	337	337.5	1809	0.44	0	0	0	0.83
LM-13-01	337.5	338	21696	1.05	2.26	0	0.04	11.82
LM-13-01	338	338.5	22810	2.53	1.57	0	0	0.11
LM-13-01	338.5	339	12693	4.26	1.13	0	0	0.03
LM-13-01	339	339.5	17576	11.22	0.12	0	0	0
LM-13-01	339.5	340	20971	5.88	0.34	0	0	18.69
LM-13-01	340	340.5	18182	4.33	1.34	0.03	0.74	36.99
LM-13-01	340.5	341	18353	6.51	1.56	0.02	5.37	41.64
LM-13-01	341	341.5	21744	4.18	1.2	0	0.55	9.12
LM-13-01	341.5	342	20669	2.42	0.93	0	0.06	4.53
LM-13-01	342	342.5	13335	0.13	0	0	0	0
LM-13-01	342.5	343	21738	2.19	4.13	0	0	1.61
LM-13-01	343	343.5	20933	0.13	0.59	0	0	0.18
LM-13-01	343.5	344	5857	0	0	0	0	0
LM-13-01	344	344.5	20702	4.5	9.66	0	0	0.06
LM-13-01	344.5	345	21008	2.32	8.39	0	0	1.72
LM-13-01	345	345.5	14377	3.62	10.34	0	0	0
LM-13-01	345.5	346	12872	0.12	0	0	0	0
LM-13-01	346	346.5	21862	0.73	3.3	0	0	0.63
LM-13-01	346.5	347	21903	8.49	11.06	0	0	3.94
LM-13-01	347	347.5	14340	0.82	1.58	0	0	17.07
LM-13-01	347.5	348	20474	0.16	0	0	0	0
LM-13-01	348	348.5	21638	0.33	0.19	0	0	0.18
LM-13-01	348.5	349	14445	6.61	9.5	0	0	0.01
LM-13-01	349	349.5	19097	1.03	0.17	0	0	3.81
LM-13-01	349.5	350	19973	0.03	0.41	0	0	0.54
LM-13-01	350	350.5	19022	0.58	1.45	0	0	1.09
LM-13-01	350.5	351	8948	0.03	0.03	0	0	0.94
LM-13-01	351	351.5	19285	0.58	2.66	0	0.01	1.23

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	335	335.5	0	0	0	0	0	0
LM-13-01	335.5	336	0	0	0	0	0	0
LM-13-01	336	336.5	0.01	0	0	0	0	0
LM-13-01	336.5	337	0.07	0	0	0	0	0
LM-13-01	337	337.5	0	0	0	0	0	0
LM-13-01	337.5	338	0.01	0	0	0	0	0
LM-13-01	338	338.5	0	0	0	0	0	0
LM-13-01	338.5	339	0	0	0	0	0	0
LM-13-01	339	339.5	0	0	0	0	0	0
LM-13-01	339.5	340	0.01	0	0	0	0	0
LM-13-01	340	340.5	5.57	0	0	0	0.01	0
LM-13-01	340.5	341	8.52	0.01	0	0	0	0
LM-13-01	341	341.5	2.88	0	0.01	0	0	0
LM-13-01	341.5	342	1.08	0	0	0	0	0
LM-13-01	342	342.5	0	0	0	0	0	0
LM-13-01	342.5	343	0	0	0	0	0	0
LM-13-01	343	343.5	0	0	0	0	0	0
LM-13-01	343.5	344	0	0	0	0	0	0
LM-13-01	344	344.5	0	0	0	0	0	0
LM-13-01	344.5	345	0	0	0	0	0	0
LM-13-01	345	345.5	0	0	0	0	0	0
LM-13-01	345.5	346	0	0	0	0	0	0
LM-13-01	346	346.5	0	0	0	0	0	0
LM-13-01	346.5	347	0	0	0	0	0	0
LM-13-01	347	347.5	0.02	0	0	0	0	0
LM-13-01	347.5	348	0	0	0	0	0	0
LM-13-01	348	348.5	0	0	0	0	0	0
LM-13-01	348.5	349	0	0	0	0	0	0
LM-13-01	349	349.5	0	0	0	0	0	0
LM-13-01	349.5	350	0	0	0	0	0	0
LM-13-01	350	350.5	0.04	0	0	0	0	0
LM-13-01	350.5	351	0	0	0	0	0	0
LM-13-01	351	351.5	0.21	0	0	0	0	0.08

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	335	335.5	0	0	0	0	0.96
LM-13-01	335.5	336	0	0	0	0	0
LM-13-01	336	336.5	0	0	0	0	23.02
LM-13-01	336.5	337	0	0	0	0	22.6
LM-13-01	337	337.5	0	0	0	0	0
LM-13-01	337.5	338	0	0	0	0.21	13.55
LM-13-01	338	338.5	0	0	0	0	0.9
LM-13-01	338.5	339	0	0	0	0	1.53
LM-13-01	339	339.5	0	0	0	0	6.54
LM-13-01	339.5	340	0	0	0	0	7.67
LM-13-01	340	340.5	0	0.01	0	0.96	16.13
LM-13-01	340.5	341	0	0	0.11	15.8	11.66
LM-13-01	341	341.5	0	0	0	0.13	19.23
LM-13-01	341.5	342	0	0.55	0	0.22	14.68
LM-13-01	342	342.5	0	0	0	0	0.86
LM-13-01	342.5	343	0	0	0	0	9.51
LM-13-01	343	343.5	0	0	0	0	2.08
LM-13-01	343.5	344	0	0	0	0	0
LM-13-01	344	344.5	0	0	0	0	2.79
LM-13-01	344.5	345	0	0.01	0	0	15
LM-13-01	345	345.5	0	0.04	0	0	8.14
LM-13-01	345.5	346	0	0	0	0	0.34
LM-13-01	346	346.5	0	0	0	0	6.32
LM-13-01	346.5	347	0	0	0	0	9
LM-13-01	347	347.5	0	0	0	0.08	23.56
LM-13-01	347.5	348	0	0	0	0	0.54
LM-13-01	348	348.5	0	0	0	0	2.27
LM-13-01	348.5	349	0	0	0	0	25.21
LM-13-01	349	349.5	0	0	0	0	16.55
LM-13-01	349.5	350	0	0	0	0	3.25
LM-13-01	350	350.5	0	0	0	0	13.69
LM-13-01	350.5	351	0	0	0	0	10.46
LM-13-01	351	351.5	0	0	0	0.22	6.77

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	335	335.5	85.83	0	0	0	0
LM-13-01	335.5	336	71.91	0	0	0	0
LM-13-01	336	336.5	26.22	0.05	0.01	0	0
LM-13-01	336.5	337	29.84	0.41	0	0	0
LM-13-01	337	337.5	0.83	0	0	0	0
LM-13-01	337.5	338	50.91	0.12	0	0	0
LM-13-01	338	338.5	79.25	0	0	0	0
LM-13-01	338.5	339	81.93	0.01	0	0	0
LM-13-01	339	339.5	62.36	0	0	0	0
LM-13-01	339.5	340	44.34	0.62	0	0	0
LM-13-01	340	340.5	8.74	3	1.02	0.03	0
LM-13-01	340.5	341	1.11	2.34	1.61	0.02	0
LM-13-01	341	341.5	47.84	1.79	2.14	0	0
LM-13-01	341.5	342	59.89	2.03	0.36	2.96	0.22
LM-13-01	342	342.5	81.21	0	0	0	0
LM-13-01	342.5	343	63.98	0.07	0	0	0
LM-13-01	343	343.5	82.06	0	0	0	0
LM-13-01	343.5	344	73.43	0	0	0	0
LM-13-01	344	344.5	59.71	0	0	0	0
LM-13-01	344.5	345	46.26	0.01	0	0.08	0
LM-13-01	345	345.5	49.18	0.01	0	0	0
LM-13-01	345.5	346	73.92	0	0	0	0
LM-13-01	346	346.5	67.97	0	0	0	0
LM-13-01	346.5	347	47.91	0.04	0	0	0
LM-13-01	347	347.5	39.71	0.11	0.03	0	0
LM-13-01	347.5	348	89.88	0	0	0	0
LM-13-01	348	348.5	84.17	0	0	0	0
LM-13-01	348.5	349	40.76	0	0	0	0
LM-13-01	349	349.5	62.62	0.02	0	0	0
LM-13-01	349.5	350	83.72	0	0	0	0
LM-13-01	350	350.5	57.04	0.21	0	0	0
LM-13-01	350.5	351	55.24	0	0	0	0
LM-13-01	351	351.5	68.05	0.48	0.17	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	335	335.5	0	0	0	0	0
LM-13-01	335.5	336	0	0	0	0	0
LM-13-01	336	336.5	0	0	0	0	0
LM-13-01	336.5	337	0	0	0	0	0
LM-13-01	337	337.5	0	0	0	0	0
LM-13-01	337.5	338	2345.03	0	0	0	0
LM-13-01	338	338.5	0	0	0	0	0
LM-13-01	338.5	339	0	0	0	0	0
LM-13-01	339	339.5	0	0	0	0	0
LM-13-01	339.5	340	0	0	0	0	0
LM-13-01	340	340.5	2342.12	0	0.3	2202.07	20
LM-13-01	340.5	341	2341.85	0	0.3	2192.89	50
LM-13-01	341	341.5	2339.42	0	0.14	2220	0
LM-13-01	341.5	342	2343.55	0	0.91	2204.95	0.32
LM-13-01	342	342.5	0	0	0	0	0
LM-13-01	342.5	343	0	0	0	0	0
LM-13-01	343	343.5	0	0	0	0	0
LM-13-01	343.5	344	0	0	0	0	0
LM-13-01	344	344.5	0	0	0	0	0
LM-13-01	344.5	345	0	0	0.71	2207.99	0
LM-13-01	345	345.5	0	0	0	0	0
LM-13-01	345.5	346	0	0	0	0	0
LM-13-01	346	346.5	0	0	0	0	0
LM-13-01	346.5	347	0	0	0	0	0
LM-13-01	347	347.5	0	0	0	0	0
LM-13-01	347.5	348	0	0	0	0	0
LM-13-01	348	348.5	0	0	0	0	0
LM-13-01	348.5	349	0	0	0	0	0
LM-13-01	349	349.5	0	0	0	0	0
LM-13-01	349.5	350	0	0	0	0	0
LM-13-01	350	350.5	0	0	0	0	0
LM-13-01	350.5	351	0	0	0	0	0
LM-13-01	351	351.5	2344	861.77	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	335	335.5	0	0	0	0	0
LM-13-01	335.5	336	0	0	0	0	0
LM-13-01	336	336.5	0	0	0	0	0
LM-13-01	336.5	337	0	0	0	0	0
LM-13-01	337	337.5	0	0	0	0	0
LM-13-01	337.5	338	0	0	0	0	0
LM-13-01	338	338.5	0	0	0	0	0
LM-13-01	338.5	339	0	0	0	0	0
LM-13-01	339	339.5	0	0	0	0	0
LM-13-01	339.5	340	0	0	0	0	0
LM-13-01	340	340.5	20	20	20	20	0
LM-13-01	340.5	341	25	25	0	0	2252.8
LM-13-01	341	341.5	0	0	0	100	0
LM-13-01	341.5	342	3.08	87.01	9.25	0.32	0
LM-13-01	342	342.5	0	0	0	0	0
LM-13-01	342.5	343	0	0	0	0	0
LM-13-01	343	343.5	0	0	0	0	0
LM-13-01	343.5	344	0	0	0	0	0
LM-13-01	344	344.5	0	0	0	0	0
LM-13-01	344.5	345	0	75	25	0	0
LM-13-01	345	345.5	0	0	0	0	0
LM-13-01	345.5	346	0	0	0	0	0
LM-13-01	346	346.5	0	0	0	0	0
LM-13-01	346.5	347	0	0	0	0	0
LM-13-01	347	347.5	0	0	0	0	0
LM-13-01	347.5	348	0	0	0	0	0
LM-13-01	348	348.5	0	0	0	0	0
LM-13-01	348.5	349	0	0	0	0	0
LM-13-01	349	349.5	0	0	0	0	0
LM-13-01	349.5	350	0	0	0	0	0
LM-13-01	350	350.5	0	0	0	0	0
LM-13-01	350.5	351	0	0	0	0	0
LM-13-01	351	351.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	335	335.5	0	0	0	0
LM-13-01	335.5	336	0	0	0	0
LM-13-01	336	336.5	0	0	0	0
LM-13-01	336.5	337	0	0	0	0
LM-13-01	337	337.5	0	0	0	0
LM-13-01	337.5	338	0	0	0	0
LM-13-01	338	338.5	0	0	0	0
LM-13-01	338.5	339	0	0	0	0
LM-13-01	339	339.5	0	0	0	0
LM-13-01	339.5	340	0	0	0	0
LM-13-01	340	340.5	0	0	0	0
LM-13-01	340.5	341	0	0	100	0
LM-13-01	341	341.5	0	0	0	0
LM-13-01	341.5	342	0	0	0	0
LM-13-01	342	342.5	0	0	0	0
LM-13-01	342.5	343	0	0	0	0
LM-13-01	343	343.5	0	0	0	0
LM-13-01	343.5	344	0	0	0	0
LM-13-01	344	344.5	0	0	0	0
LM-13-01	344.5	345	0	0	0	0
LM-13-01	345	345.5	0	0	0	0
LM-13-01	345.5	346	0	0	0	0
LM-13-01	346	346.5	0	0	0	0
LM-13-01	346.5	347	0	0	0	0
LM-13-01	347	347.5	0	0	0	0
LM-13-01	347.5	348	0	0	0	0
LM-13-01	348	348.5	0	0	0	0
LM-13-01	348.5	349	0	0	0	0
LM-13-01	349	349.5	0	0	0	0
LM-13-01	349.5	350	0	0	0	0
LM-13-01	350	350.5	0	0	0	0
LM-13-01	350.5	351	0	0	0	0
LM-13-01	351	351.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	351.5	352	19277	1.37	0.82	0	0	1.31
LM-13-01	352	352.5	11010	0.42	0	0	0	0
LM-13-01	352.5	353	19122	0.47	0	0	0	0
LM-13-01	353	353.5	19846	1.34	0.35	0	0	2.03
LM-13-01	353.5	354	17788	0.99	0.28	0	0	0
LM-13-01	354	354.5	15609	0.58	8.3	0	0	4.28
LM-13-01	354.5	355	21263	0.73	3.8	0	0	2.62
LM-13-01	355	355.5	21860	1.18	12.14	0	0	3.67
LM-13-01	355.5	356	6109	0	1.44	0	0	0.21
LM-13-01	356	356.5	20679	0.85	4.8	0	0	0.27
LM-13-01	356.5	357	19053	1	0.18	0	0	0.12
LM-13-01	357	357.5	17115	0.88	14.48	0	0	8.16
LM-13-01	357.5	358	16152	0.5	2.75	0	0	7.57
LM-13-01	358	358.5	20248	0.89	5.1	0	0	5.08
LM-13-01	358.5	359	19152	0.86	5.96	0	0.01	4.11
LM-13-01	359	359.5	9147	0.82	5.85	0	0	10.82
LM-13-01	359.5	360	20491	0.12	0.19	0	0	0.06
LM-13-01	360	360.5	21675	1.39	5.47	0	0	0.25
LM-13-01	360.5	361	14955	0.39	2.49	0	0	0.04
LM-13-01	361	361.5	20805	0.08	0.53	0	0	3.23
LM-13-01	361.5	362	19094	0.49	0.11	0	0	0.06
LM-13-01	362	362.5	9806	0.57	0.63	0	0	0.89
LM-13-01	362.5	363	14035	0.56	1.15	0	0	0
LM-13-01	363	363.5	14950	1.78	0.72	0	0	0.32
LM-13-01	363.5	364	21419	3.15	5.04	0	0	0.81
LM-13-01	364	364.5	13306	4.97	0.07	0	0	0
LM-13-01	364.5	365	21334	0.37	7.22	0	0	12.5
LM-13-01	365	365.5	22080	0.61	42.6	0	0	21.25
LM-13-01	365.5	366	16146	0.83	17.71	0	0	20.83
LM-13-01	366	366.5	18596	0.45	3.82	0	0	0.27
LM-13-01	366.5	367	20820	0.32	7.12	0	0	6.66
LM-13-01	367	367.5	20533	3.01	8.92	0	0	3.72
LM-13-01	367.5	368	8667	5.11	1	0	0	0

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	351.5	352	0	0	0	0	0	0
LM-13-01	352	352.5	0	0	0	0	0	0
LM-13-01	352.5	353	0	0	0	0	0	0
LM-13-01	353	353.5	0	0	0	0	0	0
LM-13-01	353.5	354	0.28	0	0	0	0	0
LM-13-01	354	354.5	0.01	0	0	0	0	0
LM-13-01	354.5	355	0.01	0	0	0	0	0
LM-13-01	355	355.5	0	0	0	0	0	0
LM-13-01	355.5	356	0	0	0	0	0	0
LM-13-01	356	356.5	0	0	0	0	0	0
LM-13-01	356.5	357	0	0	0	0	0	0
LM-13-01	357	357.5	0.06	0	0	0	0	0
LM-13-01	357.5	358	0	0	0	0	0	0
LM-13-01	358	358.5	0.69	0	0	0	0	0
LM-13-01	358.5	359	0.27	0	0	0	0	0
LM-13-01	359	359.5	0.04	0	0	0	0	0
LM-13-01	359.5	360	0.31	0	0	0	0	0
LM-13-01	360	360.5	0	0	0	0	0	0
LM-13-01	360.5	361	0	0	0	0	0	0
LM-13-01	361	361.5	0	0	0	0	0	0
LM-13-01	361.5	362	0	0	0	0	0	0
LM-13-01	362	362.5	0	0	0	0	0	0
LM-13-01	362.5	363	0	0	0	0	0	0
LM-13-01	363	363.5	0.1	0	0	0	0	0
LM-13-01	363.5	364	0.59	0	0	0	0	0
LM-13-01	364	364.5	0.01	0	0	0	0	0
LM-13-01	364.5	365	0	0	0	0	0	0
LM-13-01	365	365.5	0	0	0	0	0	0
LM-13-01	365.5	366	0.11	0	0	0	0	0
LM-13-01	366	366.5	0	0	0	0	0	0
LM-13-01	366.5	367	0	0	0	0	0	0
LM-13-01	367	367.5	0	0	0	0	0	0
LM-13-01	367.5	368	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	351.5	352	0	0	0	0	8.24
LM-13-01	352	352.5	0	0	0	0	0.03
LM-13-01	352.5	353	0	0	0	0	0
LM-13-01	353	353.5	0	0	0	0	9.89
LM-13-01	353.5	354	0	0	0	0	5.13
LM-13-01	354	354.5	0	0.05	0	0	32.91
LM-13-01	354.5	355	0	0	0	0	18.37
LM-13-01	355	355.5	0	0	0	0	25.21
LM-13-01	355.5	356	0	0	0	0	33.3
LM-13-01	356	356.5	0	0	0	0	10.13
LM-13-01	356.5	357	0	0	0	0	1.91
LM-13-01	357	357.5	0	0.01	0	0	10.97
LM-13-01	357.5	358	0	0	0	0	11.76
LM-13-01	358	358.5	0	0	0	0	11.84
LM-13-01	358.5	359	0	0.22	0	0	7.17
LM-13-01	359	359.5	0	0.12	0	0	17.37
LM-13-01	359.5	360	0	0	0	0	2.35
LM-13-01	360	360.5	0	0	0	0	4.36
LM-13-01	360.5	361	0	0	0	0	10.4
LM-13-01	361	361.5	0	0	0	0	10.81
LM-13-01	361.5	362	0	0	0	0	3.89
LM-13-01	362	362.5	0	0	0	0	8.37
LM-13-01	362.5	363	0	0	0	0	6.02
LM-13-01	363	363.5	0	0	0	0	4.46
LM-13-01	363.5	364	0	0	0	0	25
LM-13-01	364	364.5	0	0	0	0	3.46
LM-13-01	364.5	365	0	0	0	0	16.6
LM-13-01	365	365.5	0	0	0	0	5.06
LM-13-01	365.5	366	0	0	0	0	12.08
LM-13-01	366	366.5	0	0	0	0	12.69
LM-13-01	366.5	367	0	0	0	0	10.74
LM-13-01	367	367.5	0	0	0	0	20.67
LM-13-01	367.5	368	0	0	0	0	16.14

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	351.5	352	72.39	0.01	0.07	0	0
LM-13-01	352	352.5	74.79	0	0	0	0
LM-13-01	352.5	353	85.7	0	0	0	0
LM-13-01	353	353.5	72.27	0.82	0.05	0	0
LM-13-01	353.5	354	73.36	0.24	0	0	0
LM-13-01	354	354.5	33.1	0.08	0.09	0	0
LM-13-01	354.5	355	55.39	0.31	0.12	0	0
LM-13-01	355	355.5	43.54	0.24	0	0	0
LM-13-01	355.5	356	2.65	0	0	0	0
LM-13-01	356	356.5	63.88	0	0	0	0
LM-13-01	356.5	357	82.5	0	0	0	0
LM-13-01	357	357.5	49.03	0.58	0.09	0.13	0.01
LM-13-01	357.5	358	59.27	0.02	0.01	0	0
LM-13-01	358	358.5	57.93	0	0	0	0
LM-13-01	358.5	359	58.67	0.77	0.04	0	0
LM-13-01	359	359.5	49.31	0.77	0.46	0	0
LM-13-01	359.5	360	84.65	0.39	0	0	0
LM-13-01	360	360.5	76.15	0.01	0	0	0
LM-13-01	360.5	361	74.39	0	0	0	0
LM-13-01	361	361.5	74.01	0	0	0	0
LM-13-01	361.5	362	82.84	0	0	0	0
LM-13-01	362	362.5	78.46	0	0	0	0
LM-13-01	362.5	363	75.16	0	0	0	0
LM-13-01	363	363.5	74.73	0.2	0	0	0
LM-13-01	363.5	364	53.52	0.68	0.03	0	0
LM-13-01	364	364.5	78.42	0	0	0	0
LM-13-01	364.5	365	47.01	0.01	0	0	0
LM-13-01	365	365.5	6.88	0.02	0	0	0
LM-13-01	365.5	366	32.85	2.42	0	0	0
LM-13-01	366	366.5	69.95	0	0	0	0
LM-13-01	366.5	367	61.9	0	0	0	0
LM-13-01	367	367.5	49.96	0.13	0.03	0	0
LM-13-01	367.5	368	55.94	0	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	351.5	352	0	0	0	0	0
LM-13-01	352	352.5	0	0	0	0	0
LM-13-01	352.5	353	0	0	0	0	0
LM-13-01	353	353.5	0	0	0	0	0
LM-13-01	353.5	354	0	0	0	0	0
LM-13-01	354	354.5	0	0	0	0	0
LM-13-01	354.5	355	0	0	0.2	2212	0
LM-13-01	355	355.5	0	0	0	0	0
LM-13-01	355.5	356	0	0	0	0	0
LM-13-01	356	356.5	0	0	0	0	0
LM-13-01	356.5	357	0	0	0	0	0
LM-13-01	357	357.5	0	0	0.41	2205.11	0
LM-13-01	357.5	358	0	0	0	0	0
LM-13-01	358	358.5	0	0	0	0	0
LM-13-01	358.5	359	2332.2	0	0	0	0
LM-13-01	359	359.5	0	0	0	0	0
LM-13-01	359.5	360	0	0	0	0	0
LM-13-01	360	360.5	0	0	0	0	0
LM-13-01	360.5	361	0	0	0	0	0
LM-13-01	361	361.5	0	0	0	0	0
LM-13-01	361.5	362	0	0	0	0	0
LM-13-01	362	362.5	0	0	0	0	0
LM-13-01	362.5	363	0	0	0	0	0
LM-13-01	363	363.5	0	0	0	0	0
LM-13-01	363.5	364	0	0	0	0	0
LM-13-01	364	364.5	0	0	0	0	0
LM-13-01	364.5	365	0	0	0	0	0
LM-13-01	365	365.5	0	0	0	0	0
LM-13-01	365.5	366	0	0	0	0	0
LM-13-01	366	366.5	0	0	0	0	0
LM-13-01	366.5	367	0	0	0	0	0
LM-13-01	367	367.5	0	0	0	0	0
LM-13-01	367.5	368	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	351.5	352	0	0	0	0	0
LM-13-01	352	352.5	0	0	0	0	0
LM-13-01	352.5	353	0	0	0	0	0
LM-13-01	353	353.5	0	0	0	0	0
LM-13-01	353.5	354	0	0	0	0	0
LM-13-01	354	354.5	0	0	0	0	0
LM-13-01	354.5	355	0	0	100	0	0
LM-13-01	355	355.5	0	0	0	0	0
LM-13-01	355.5	356	0	0	0	0	0
LM-13-01	356	356.5	0	0	0	0	0
LM-13-01	356.5	357	0	0	0	0	0
LM-13-01	357	357.5	4.76	76.19	19.05	0	0
LM-13-01	357.5	358	0	0	0	0	0
LM-13-01	358	358.5	0	0	0	0	0
LM-13-01	358.5	359	0	0	0	0	0
LM-13-01	359	359.5	0	0	0	0	0
LM-13-01	359.5	360	0	0	0	0	0
LM-13-01	360	360.5	0	0	0	0	0
LM-13-01	360.5	361	0	0	0	0	0
LM-13-01	361	361.5	0	0	0	0	0
LM-13-01	361.5	362	0	0	0	0	0
LM-13-01	362	362.5	0	0	0	0	0
LM-13-01	362.5	363	0	0	0	0	0
LM-13-01	363	363.5	0	0	0	0	0
LM-13-01	363.5	364	0	0	0	0	0
LM-13-01	364	364.5	0	0	0	0	0
LM-13-01	364.5	365	0	0	0	0	0
LM-13-01	365	365.5	0	0	0	0	0
LM-13-01	365.5	366	0	0	0	0	0
LM-13-01	366	366.5	0	0	0	0	0
LM-13-01	366.5	367	0	0	0	0	0
LM-13-01	367	367.5	0	0	0	0	0
LM-13-01	367.5	368	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	351.5	352	0	0	0	0
LM-13-01	352	352.5	0	0	0	0
LM-13-01	352.5	353	0	0	0	0
LM-13-01	353	353.5	0	0	0	0
LM-13-01	353.5	354	0	0	0	0
LM-13-01	354	354.5	0	0	0	0
LM-13-01	354.5	355	0	0	0	0
LM-13-01	355	355.5	0	0	0	0
LM-13-01	355.5	356	0	0	0	0
LM-13-01	356	356.5	0	0	0	0
LM-13-01	356.5	357	0	0	0	0
LM-13-01	357	357.5	0	0	0	0
LM-13-01	357.5	358	0	0	0	0
LM-13-01	358	358.5	0	0	0	0
LM-13-01	358.5	359	0	0	0	0
LM-13-01	359	359.5	0	0	0	0
LM-13-01	359.5	360	0	0	0	0
LM-13-01	360	360.5	0	0	0	0
LM-13-01	360.5	361	0	0	0	0
LM-13-01	361	361.5	0	0	0	0
LM-13-01	361.5	362	0	0	0	0
LM-13-01	362	362.5	0	0	0	0
LM-13-01	362.5	363	0	0	0	0
LM-13-01	363	363.5	0	0	0	0
LM-13-01	363.5	364	0	0	0	0
LM-13-01	364	364.5	0	0	0	0
LM-13-01	364.5	365	0	0	0	0
LM-13-01	365	365.5	0	0	0	0
LM-13-01	365.5	366	0	0	0	0
LM-13-01	366	366.5	0	0	0	0
LM-13-01	366.5	367	0	0	0	0
LM-13-01	367	367.5	0	0	0	0
LM-13-01	367.5	368	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	368	368.5	19973	1.2	2.31	0	0	4.53
LM-13-01	368.5	369	17708	0.22	0.93	0	0	2.45
LM-13-01	369	369.5	10158	2.51	0.08	0	0	5.55
LM-13-01	369.5	370	11946	0.18	0.57	0	0	6.43
LM-13-01	370	370.5	18751	1.1	4.68	0	0	0.05
LM-13-01	370.5	371	16120	2.39	1.25	0	0	1.9
LM-13-01	371	371.5	15367	0.66	0.11	0	0	0.1
LM-13-01	371.5	372	19290	1.05	4.48	0	0	0.03
LM-13-01	372	372.5	16240	3.78	12.01	0	0	0.83
LM-13-01	372.5	373	20420	3.83	19.4	0	0.18	13.82
LM-13-01	373	373.5	9829	0.95	3.75	0	0	0.02
LM-13-01	373.5	374	20820	1.54	21.19	0	0.06	5.33
LM-13-01	374	374.5	20820	1.52	9.02	0.09	2.1	5.36
LM-13-01	374.5	375	14490	4.15	9.74	0	0	6.8
LM-13-01	375	375.5	17367	1.02	2.62	0	0	0.03
LM-13-01	375.5	376	10666	2.25	2	0	0	0.12
LM-13-01	376	376.5	9991	0.71	0.1	0	0	0.09
LM-13-01	376.5	377	7794	0.68	0.01	0	0	0.21
LM-13-01	377	377.5	21682	1.78	5.05	0	0	2.5
LM-13-01	377.5	378	22020	1.95	21.22	0	0	2.96
LM-13-01	378	378.5	14538	0.89	2.47	0	0	16.44
LM-13-01	378.5	379	20470	5.68	6.82	0	0	2.32
LM-13-01	379	379.5	17528	4.35	0.63	0	0	0.26
LM-13-01	379.5	380	18796	3.27	3.63	0	0	1.41
LM-13-01	380	380.5	11091	0.82	2.91	0	0	0.01
LM-13-01	380.5	381	21433	2.18	20.69	0	0	1.62
LM-13-01	381	381.5	20932	1.14	4.67	0	0	0.24
LM-13-01	381.5	382	13582	0.27	0.72	0	0	0
LM-13-01	382	382.5	20228	0.93	6.01	0	0	0.33
LM-13-01	382.5	383	20977	4.14	5.3	0	2.46	20.41
LM-13-01	383	383.5	19836	1.18	7.89	0	0	0.08
LM-13-01	383.5	384	15073	1.29	2.53	0	0	0
LM-13-01	384	384.5	16444	11.81	0.99	0	0	0.07

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	368	368.5	0.02	0	0	0	0	0
LM-13-01	368.5	369	0	0	0	0	0	0
LM-13-01	369	369.5	0	0	0	0	0	0
LM-13-01	369.5	370	0	0	0	0	0	0
LM-13-01	370	370.5	0	0	0	0	0	0
LM-13-01	370.5	371	0	0	0	0	0	0
LM-13-01	371	371.5	0	0	0	0	0	0
LM-13-01	371.5	372	0.09	0	0	0	0	0
LM-13-01	372	372.5	0	0	0	0	0	0
LM-13-01	372.5	373	0.35	0.13	0	0	0	0
LM-13-01	373	373.5	0	0	0	0	0	0
LM-13-01	373.5	374	0.21	0	0	0	0	0
LM-13-01	374	374.5	1.83	0	0	0	0	0
LM-13-01	374.5	375	0.24	0	0	0	0	0
LM-13-01	375	375.5	0	0	0	0	0	0
LM-13-01	375.5	376	0	0	0	0	0	0
LM-13-01	376	376.5	0	0	0	0	0	0
LM-13-01	376.5	377	0	0	0	0	0	0
LM-13-01	377	377.5	0	0	0	0	0	0
LM-13-01	377.5	378	0	0	0	0	0	0
LM-13-01	378	378.5	0	0	0	0	0	0
LM-13-01	378.5	379	0	0	0	0	0	0
LM-13-01	379	379.5	0	0	0	0	0	0
LM-13-01	379.5	380	0	0	0	0	0	0
LM-13-01	380	380.5	0	0	0.03	0	0	0
LM-13-01	380.5	381	0	0	0	0	0	0
LM-13-01	381	381.5	0	0	0	0	0	0
LM-13-01	381.5	382	0	0	0	0	0	0
LM-13-01	382	382.5	0	0	0	0	0	0
LM-13-01	382.5	383	7.62	0.02	0	0	0	0.06
LM-13-01	383	383.5	0	0	0	0	0	0
LM-13-01	383.5	384	0	0	0	0	0	0
LM-13-01	384	384.5	0.01	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	368	368.5	0	0	0	0	13.35
LM-13-01	368.5	369	0	0	0	0	4.61
LM-13-01	369	369.5	0	0	0	0	10.91
LM-13-01	369.5	370	0	0	0	0	9.48
LM-13-01	370	370.5	0	0	0	0	7.73
LM-13-01	370.5	371	0	0	0	0	5.84
LM-13-01	371	371.5	0	0	0	0	15.79
LM-13-01	371.5	372	0	0.01	0	0	4.52
LM-13-01	372	372.5	0	0	0	0	10.39
LM-13-01	372.5	373	0	0	0	0	14.66
LM-13-01	373	373.5	0	0	0	0	17.11
LM-13-01	373.5	374	0	0	0	0.12	6.33
LM-13-01	374	374.5	0	0	0.01	7.09	11.44
LM-13-01	374.5	375	0	1.57	0	0.41	8.81
LM-13-01	375	375.5	0	0	0	0	3.69
LM-13-01	375.5	376	0	0	0	0	5.11
LM-13-01	376	376.5	0	0	0	0	3.68
LM-13-01	376.5	377	0	0	0	0	10.37
LM-13-01	377	377.5	0	0	0	0	13.17
LM-13-01	377.5	378	0	0	0	0	8.85
LM-13-01	378	378.5	0	0	0	0	9.95
LM-13-01	378.5	379	0	0	0	0	5.82
LM-13-01	379	379.5	0	0	0	0	0.91
LM-13-01	379.5	380	0	0	0	0	3.3
LM-13-01	380	380.5	0	0	0	0	6.88
LM-13-01	380.5	381	0	0	0	0	2.84
LM-13-01	381	381.5	0	0	0	0	2.7
LM-13-01	381.5	382	0	0	0	0	1.47
LM-13-01	382	382.5	0	0	0	0	7.89
LM-13-01	382.5	383	0.02	0	0	10.8	10.24
LM-13-01	383	383.5	0	0	0	0	14.94
LM-13-01	383.5	384	0	0	0	0	7.44
LM-13-01	384	384.5	0	0	0	0	10.14

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	368	368.5	61.7	0.15	0.03	0	0
LM-13-01	368.5	369	78.88	0.02	0	0	0
LM-13-01	369	369.5	64.43	0	0.01	0	0
LM-13-01	369.5	370	61.15	0	0	0	0
LM-13-01	370	370.5	73.19	0.03	0	0	0
LM-13-01	370.5	371	72.4	0	0	0	0
LM-13-01	371	371.5	56.56	0.13	0	0	0
LM-13-01	371.5	372	70.79	0.06	0	0	0
LM-13-01	372	372.5	53.98	0	0	0	0
LM-13-01	372.5	373	30.98	0.38	0.04	0.03	0
LM-13-01	373	373.5	57.65	0	0	0	0
LM-13-01	373.5	374	49.76	0.16	0	0	0
LM-13-01	374	374.5	47.76	0.37	0.1	0	0
LM-13-01	374.5	375	53.46	0.02	0.01	0.39	0
LM-13-01	375	375.5	66.76	0	0	0	0
LM-13-01	375.5	376	51.5	0	0	0	0
LM-13-01	376	376.5	74.23	0	0	0	0
LM-13-01	376.5	377	69.4	0.26	1.17	0	0
LM-13-01	377	377.5	65.27	0.02	0	0.01	0
LM-13-01	377.5	378	49.65	0.01	0	0	0
LM-13-01	378	378.5	48.11	0	0	0	0
LM-13-01	378.5	379	64.98	0	0	0	0
LM-13-01	379	379.5	77.25	0	0	0	0
LM-13-01	379.5	380	69.7	0	0	0	0
LM-13-01	380	380.5	54.49	0	0	0	0
LM-13-01	380.5	381	56.98	0	0.01	0	0
LM-13-01	381	381.5	77.49	0.04	0.03	0	0
LM-13-01	381.5	382	78.35	0	0	0	0
LM-13-01	382	382.5	70.18	0.06	0	0	0
LM-13-01	382.5	383	26.11	2.06	0.46	0.97	0.01
LM-13-01	383	383.5	58.58	0.01	0	0	0
LM-13-01	383.5	384	69.59	0	0	0	0
LM-13-01	384	384.5	63.18	0.09	0.16	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	368	368.5	0	0	0	0	0
LM-13-01	368.5	369	0	0	0	0	0
LM-13-01	369	369.5	0	0	0	0	0
LM-13-01	369.5	370	0	0	0	0	0
LM-13-01	370	370.5	0	0	0	0	0
LM-13-01	370.5	371	0	0	0	0	0
LM-13-01	371	371.5	0	0	0	0	0
LM-13-01	371.5	372	0	0	0	0	0
LM-13-01	372	372.5	0	0	0	0	0
LM-13-01	372.5	373	2343.42	0	0.37	2204.87	0
LM-13-01	373	373.5	0	0	0	0	0
LM-13-01	373.5	374	2340.46	0	0	0	0
LM-13-01	374	374.5	2340.21	0	0	0	0
LM-13-01	374.5	375	0	0	0.74	2205.29	0
LM-13-01	375	375.5	0	0	0	0	0
LM-13-01	375.5	376	0	0	0	0	0
LM-13-01	376	376.5	0	0	0	0	0
LM-13-01	376.5	377	0	0	0	0	0
LM-13-01	377	377.5	0	0	0.35	2204.75	0
LM-13-01	377.5	378	0	0	0	0	0
LM-13-01	378	378.5	0	0	0	0	0
LM-13-01	378.5	379	0	0	0	0	0
LM-13-01	379	379.5	0	0	0	0	0
LM-13-01	379.5	380	0	0	0	0	0
LM-13-01	380	380.5	0	0	0	0	0
LM-13-01	380.5	381	0	0	0	0	0
LM-13-01	381	381.5	0	0	0	0	0
LM-13-01	381.5	382	0	0	0	0	0
LM-13-01	382	382.5	0	0	0	0	0
LM-13-01	382.5	383	2343.65	0	0.4	2205.06	0
LM-13-01	383	383.5	0	0	0	0	0
LM-13-01	383.5	384	0	0	0	0	0
LM-13-01	384	384.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	368	368.5	0	0	0	0	0
LM-13-01	368.5	369	0	0	0	0	0
LM-13-01	369	369.5	0	0	0	0	0
LM-13-01	369.5	370	0	0	0	0	0
LM-13-01	370	370.5	0	0	0	0	0
LM-13-01	370.5	371	0	0	0	0	0
LM-13-01	371	371.5	0	0	0	0	0
LM-13-01	371.5	372	0	0	0	0	0
LM-13-01	372	372.5	0	0	0	0	0
LM-13-01	372.5	373	0	100	0	0	2260.23
LM-13-01	373	373.5	0	0	0	0	0
LM-13-01	373.5	374	0	0	0	0	0
LM-13-01	374	374.5	0	0	0	0	0
LM-13-01	374.5	375	1.69	88.14	10.17	0	0
LM-13-01	375	375.5	0	0	0	0	0
LM-13-01	375.5	376	0	0	0	0	0
LM-13-01	376	376.5	0	0	0	0	0
LM-13-01	376.5	377	0	0	0	0	0
LM-13-01	377	377.5	0	100	0	0	0
LM-13-01	377.5	378	0	0	0	0	0
LM-13-01	378	378.5	0	0	0	0	0
LM-13-01	378.5	379	0	0	0	0	0
LM-13-01	379	379.5	0	0	0	0	0
LM-13-01	379.5	380	0	0	0	0	0
LM-13-01	380	380.5	0	0	0	0	0
LM-13-01	380.5	381	0	0	0	0	0
LM-13-01	381	381.5	0	0	0	0	0
LM-13-01	381.5	382	0	0	0	0	0
LM-13-01	382	382.5	0	0	0	0	0
LM-13-01	382.5	383	6.03	79.9	13.07	1.01	2259.1
LM-13-01	383	383.5	0	0	0	0	0
LM-13-01	383.5	384	0	0	0	0	0
LM-13-01	384	384.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	368	368.5	0	0	0	0
LM-13-01	368.5	369	0	0	0	0
LM-13-01	369	369.5	0	0	0	0
LM-13-01	369.5	370	0	0	0	0
LM-13-01	370	370.5	0	0	0	0
LM-13-01	370.5	371	0	0	0	0
LM-13-01	371	371.5	0	0	0	0
LM-13-01	371.5	372	0	0	0	0
LM-13-01	372	372.5	0	0	0	0
LM-13-01	372.5	373	0	0	0	100
LM-13-01	373	373.5	0	0	0	0
LM-13-01	373.5	374	0	0	0	0
LM-13-01	374	374.5	0	0	0	0
LM-13-01	374.5	375	0	0	0	0
LM-13-01	375	375.5	0	0	0	0
LM-13-01	375.5	376	0	0	0	0
LM-13-01	376	376.5	0	0	0	0
LM-13-01	376.5	377	0	0	0	0
LM-13-01	377	377.5	0	0	0	0
LM-13-01	377.5	378	0	0	0	0
LM-13-01	378	378.5	0	0	0	0
LM-13-01	378.5	379	0	0	0	0
LM-13-01	379	379.5	0	0	0	0
LM-13-01	379.5	380	0	0	0	0
LM-13-01	380	380.5	0	0	0	0
LM-13-01	380.5	381	0	0	0	0
LM-13-01	381	381.5	0	0	0	0
LM-13-01	381.5	382	0	0	0	0
LM-13-01	382	382.5	0	0	0	0
LM-13-01	382.5	383	0	0	33.33	66.67
LM-13-01	383	383.5	0	0	0	0
LM-13-01	383.5	384	0	0	0	0
LM-13-01	384	384.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	384.5	385	13236	0.27	0.9	0	0	1.41
LM-13-01	385	385.5	3481	0.09	3.3	0	0	0
LM-13-01	385.5	386	19609	1.62	6.34	0	0	2.51
LM-13-01	386	386.5	19958	0.41	0.33	0	0	0
LM-13-01	386.5	387	15666	1.15	12.27	0	0.41	12.2
LM-13-01	387	387.5	13273	3.2	10.73	0	0	7.3
LM-13-01	387.5	388	19952	4.66	6.05	0	0	18.2
LM-13-01	388	388.5	17636	9.47	24.42	0	0	3.07
LM-13-01	388.5	389	12085	7.2	0	0	0	0
LM-13-01	389	389.5	19524	1.64	2.86	0	0	0.02
LM-13-01	389.5	390	19903	0.48	3.58	0	0	8.58
LM-13-01	390	390.5	19604	2.99	16.64	0	0	24.32
LM-13-01	390.5	391	10077	0.77	2.16	0	0	17.32
LM-13-01	391	391.5	20820	1.33	5.36	0	0.09	10.37
LM-13-01	391.5	392	20469	1.98	3.79	0	0.21	12.83
LM-13-01	392	392.5	7392	2.67	6.25	0	0	23.97
LM-13-01	392.5	393	21613	0.82	3.81	0	0.03	10.61
LM-13-01	393	393.5	24970	0.88	5.59	0	0.08	4.33
LM-13-01	393.5	394	13432	0.83	2.61	0	0	2.3
LM-13-01	394	394.5	21123	4.65	4.07	0	0	0.81
LM-13-01	394.5	395	24771	2.87	21.47	0.76	2.32	10.24
LM-13-01	395	395.5	13420	1.01	28.52	0	0	24.63
LM-13-01	395.5	396	20802	4.92	15.49	0	0	0.45
LM-13-01	396	396.5	24247	3.09	1.16	0	0	0.21
LM-13-01	396.5	397	11573	0.22	1.18	0	0	0
LM-13-01	397	397.5	16569	3.65	1.87	0	0.02	0.33
LM-13-01	397.5	398	23791	7.86	15.96	0	0	0.5
LM-13-01	398	398.5	9246	3.22	6.44	0	0	2.64
LM-13-01	398.5	399	20516	2.42	1.73	0	0	0
LM-13-01	399	399.5	22326	1.3	1.18	0	0	0.26
LM-13-01	399.5	400	21083	3.97	11.94	0	0.5	2.24
LM-13-01	400	400.5	17108	0.36	0.82	0	0	1.05
LM-13-01	400.5	401	20635	1.85	7.18	0.01	5.08	6.35

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	384.5	385	0.04	0	0	0	0	0
LM-13-01	385	385.5	0	0	0	0	0	0
LM-13-01	385.5	386	0.02	0	0	0	0	0
LM-13-01	386	386.5	0	0	0	0	0	0
LM-13-01	386.5	387	7.81	0	0	0	0	0
LM-13-01	387	387.5	0	0	0.01	0	0	0
LM-13-01	387.5	388	0.09	0	0	0	0	0
LM-13-01	388	388.5	0	0	0	0	0	0
LM-13-01	388.5	389	0	0	0	0	0	0
LM-13-01	389	389.5	0	0	0	0	0	0
LM-13-01	389.5	390	0.02	0	0	0	0	0
LM-13-01	390	390.5	0	0	0	0	0	0
LM-13-01	390.5	391	0	0	0	0	0	0
LM-13-01	391	391.5	0.27	0	0	0	0	0
LM-13-01	391.5	392	3.36	0	0	0	0	0
LM-13-01	392	392.5	0.07	0	0	0	0	0
LM-13-01	392.5	393	0.26	0	0.01	0	0	0
LM-13-01	393	393.5	1.76	0	0	0	0	0
LM-13-01	393.5	394	0	0	0	0	0	0.01
LM-13-01	394	394.5	0.32	0	0	0	0	0.01
LM-13-01	394.5	395	2.38	0	0	0	0	0
LM-13-01	395	395.5	0	0	0	0	0	0
LM-13-01	395.5	396	0	0	0	0	0	0
LM-13-01	396	396.5	0	0	0	0	0	0
LM-13-01	396.5	397	0	0	0	0	0	0
LM-13-01	397	397.5	0.35	0	0	0	0	0
LM-13-01	397.5	398	0.15	0	0	0	0	0
LM-13-01	398	398.5	0	0	0	0	0	0
LM-13-01	398.5	399	0	0	0	0	0	0
LM-13-01	399	399.5	0.03	0	0	0	0	0
LM-13-01	399.5	400	2.83	0	0	0	0	0
LM-13-01	400	400.5	0	0	0	0	0	0
LM-13-01	400.5	401	2.64	1.1	0.03	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	384.5	385	0	0	0	0	13.89
LM-13-01	385	385.5	0	0	0	0	32.2
LM-13-01	385.5	386	0	0	0	0	7.23
LM-13-01	386	386.5	0	0	0	0	12.86
LM-13-01	386.5	387	0	0	0	0	9.55
LM-13-01	387	387.5	0	0	0	0	25.1
LM-13-01	387.5	388	0	0	0	0	16.5
LM-13-01	388	388.5	0	0	0	0	9.68
LM-13-01	388.5	389	0	0	0	0	0.12
LM-13-01	389	389.5	0	0	0	0	2.76
LM-13-01	389.5	390	0	0	0	0	15.82
LM-13-01	390	390.5	0	0	0	0	19.48
LM-13-01	390.5	391	0	0	0	0	39.96
LM-13-01	391	391.5	0	0	0	0.29	25.71
LM-13-01	391.5	392	0	0	0	0	27.61
LM-13-01	392	392.5	0	0	0	0	25.81
LM-13-01	392.5	393	0	0.03	0	0	39.99
LM-13-01	393	393.5	0	0.04	0	0	37.98
LM-13-01	393.5	394	0	0	0	0	24.99
LM-13-01	394	394.5	0	0	0	0	17.78
LM-13-01	394.5	395	0	0	0	0.7	16.94
LM-13-01	395	395.5	0	0	0	0	8.46
LM-13-01	395.5	396	0	0	0	0	6.3
LM-13-01	396	396.5	0	0	0	0	4.23
LM-13-01	396.5	397	0	0	0	0	4.26
LM-13-01	397	397.5	0	0	0	0	6.99
LM-13-01	397.5	398	0	0	0	0	13.2
LM-13-01	398	398.5	0	0	0	0	27.48
LM-13-01	398.5	399	0	0	0	0	14.18
LM-13-01	399	399.5	0	0	0	0	4.47
LM-13-01	399.5	400	0	0	0	0	22.03
LM-13-01	400	400.5	0	0.01	0	0	13.94
LM-13-01	400.5	401	0.01	1.21	0.36	8.33	16.45

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	384.5	385	66.03	0.28	0.08	0	0
LM-13-01	385	385.5	18.18	0	0	0	0
LM-13-01	385.5	386	67.11	0	0.01	0	0
LM-13-01	386	386.5	66.34	0.17	0.04	0	0
LM-13-01	386.5	387	31.24	0.15	0.08	0	0
LM-13-01	387	387.5	35.5	0	0	0	0
LM-13-01	387.5	388	39.78	0.6	0.01	0	0
LM-13-01	388	388.5	32.04	0	0	0	0
LM-13-01	388.5	389	80.11	0	0	0	0
LM-13-01	389	389.5	68.57	0	0	0	0
LM-13-01	389.5	390	55.75	0.1	0	0	0
LM-13-01	390	390.5	16.03	0.01	0	0	0
LM-13-01	390.5	391	19.95	0.13	0	0.35	0
LM-13-01	391	391.5	42.53	0.75	0.11	0.38	0
LM-13-01	391.5	392	35.09	1.34	0.38	0.01	0
LM-13-01	392	392.5	25.11	0.7	0	0	0
LM-13-01	392.5	393	30.6	0.61	0.09	0.1	0
LM-13-01	393	393.5	34.24	1.1	0.15	0	0
LM-13-01	393.5	394	52	0	0.02	0	0
LM-13-01	394	394.5	60.36	0.14	0.12	0	0
LM-13-01	394.5	395	24.61	0.74	0.06	0	0
LM-13-01	395	395.5	13.64	0.05	0	0	0
LM-13-01	395.5	396	47.49	0	0	0	0
LM-13-01	396	396.5	78.6	0	0	0	0
LM-13-01	396.5	397	65.78	0	0	0	0
LM-13-01	397	397.5	74.88	0.49	0.04	0.27	0.01
LM-13-01	397.5	398	49.5	0.38	0.01	0	0
LM-13-01	398	398.5	46.43	0.24	0.01	0	0
LM-13-01	398.5	399	62.83	0.01	0	0	0
LM-13-01	399	399.5	78.83	0.1	0.03	0	0
LM-13-01	399.5	400	32.82	0.67	0	0	0
LM-13-01	400	400.5	61.74	0.2	0.05	0	0
LM-13-01	400.5	401	36.24	1.62	0.14	0.26	0.01

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	384.5	385	0	0	0	0	0
LM-13-01	385	385.5	0	0	0	0	0
LM-13-01	385.5	386	0	0	0	0	0
LM-13-01	386	386.5	0	0	0	0	0
LM-13-01	386.5	387	2343.6	0	0	0	0
LM-13-01	387	387.5	0	0	0	0	0
LM-13-01	387.5	388	0	0	0	0	0
LM-13-01	388	388.5	0	0	0	0	0
LM-13-01	388.5	389	0	0	0	0	0
LM-13-01	389	389.5	0	0	0	0	0
LM-13-01	389.5	390	0	0	0	0	0
LM-13-01	390	390.5	0	0	0	0	0
LM-13-01	390.5	391	0	0	0.41	2203.94	0
LM-13-01	391	391.5	2343.87	0	0.48	2205.19	0
LM-13-01	391.5	392	2345.02	0	0.16	2212.84	0
LM-13-01	392	392.5	0	0	0	0	0
LM-13-01	392.5	393	2341.75	0	0.57	2204.97	0
LM-13-01	393	393.5	2341.34	0	0	0	0
LM-13-01	393.5	394	0	932	0	0	0
LM-13-01	394	394.5	0	0	0	0	0
LM-13-01	394.5	395	2338.46	0	0	0	0
LM-13-01	395	395.5	0	0	0	0	0
LM-13-01	395.5	396	0	0	0	0	0
LM-13-01	396	396.5	0	0	0	0	0
LM-13-01	396.5	397	0	0	0	0	0
LM-13-01	397	397.5	2352.15	0	0.56	2203.6	0
LM-13-01	397.5	398	0	0	0	0	0
LM-13-01	398	398.5	0	0	0	0	0
LM-13-01	398.5	399	0	0	0	0	0
LM-13-01	399	399.5	0	0	0	0	0
LM-13-01	399.5	400	2347.1	0	0	0	0
LM-13-01	400	400.5	0	0	0	0	0
LM-13-01	400.5	401	2338.46	0	1.07	2206.56	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	384.5	385	0	0	0	0	0
LM-13-01	385	385.5	0	0	0	0	0
LM-13-01	385.5	386	0	0	0	0	0
LM-13-01	386	386.5	0	0	0	0	0
LM-13-01	386.5	387	0	0	0	0	0
LM-13-01	387	387.5	0	0	0	0	0
LM-13-01	387.5	388	0	0	0	0	0
LM-13-01	388	388.5	0	0	0	0	0
LM-13-01	388.5	389	0	0	0	0	0
LM-13-01	389	389.5	0	0	0	0	0
LM-13-01	389.5	390	0	0	0	0	0
LM-13-01	390	390.5	0	0	0	0	0
LM-13-01	390.5	391	5.71	88.57	5.71	0	0
LM-13-01	391	391.5	2.56	85.9	10.26	1.28	0
LM-13-01	391.5	392	0	0	100	0	0
LM-13-01	392	392.5	0	0	0	0	0
LM-13-01	392.5	393	0	90.91	9.09	0	0
LM-13-01	393	393.5	0	0	0	0	0
LM-13-01	393.5	394	0	0	0	0	0
LM-13-01	394	394.5	0	0	0	0	0
LM-13-01	394.5	395	0	0	0	0	0
LM-13-01	395	395.5	0	0	0	0	0
LM-13-01	395.5	396	0	0	0	0	0
LM-13-01	396	396.5	0	0	0	0	0
LM-13-01	396.5	397	0	0	0	0	0
LM-13-01	397	397.5	2.33	97.67	0	0	0
LM-13-01	397.5	398	0	0	0	0	0
LM-13-01	398	398.5	0	0	0	0	0
LM-13-01	398.5	399	0	0	0	0	0
LM-13-01	399	399.5	0	0	0	0	0
LM-13-01	399.5	400	0	0	0	0	0
LM-13-01	400	400.5	0	0	0	0	0
LM-13-01	400.5	401	0	92.45	7.55	0	2254.54

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	384.5	385	0	0	0	0
LM-13-01	385	385.5	0	0	0	0
LM-13-01	385.5	386	0	0	0	0
LM-13-01	386	386.5	0	0	0	0
LM-13-01	386.5	387	0	0	0	0
LM-13-01	387	387.5	0	0	0	0
LM-13-01	387.5	388	0	0	0	0
LM-13-01	388	388.5	0	0	0	0
LM-13-01	388.5	389	0	0	0	0
LM-13-01	389	389.5	0	0	0	0
LM-13-01	389.5	390	0	0	0	0
LM-13-01	390	390.5	0	0	0	0
LM-13-01	390.5	391	0	0	0	0
LM-13-01	391	391.5	0	0	0	0
LM-13-01	391.5	392	0	0	0	0
LM-13-01	392	392.5	0	0	0	0
LM-13-01	392.5	393	0	0	0	0
LM-13-01	393	393.5	0	0	0	0
LM-13-01	393.5	394	0	0	0	0
LM-13-01	394	394.5	0	0	0	0
LM-13-01	394.5	395	0	0	0	0
LM-13-01	395	395.5	0	0	0	0
LM-13-01	395.5	396	0	0	0	0
LM-13-01	396	396.5	0	0	0	0
LM-13-01	396.5	397	0	0	0	0
LM-13-01	397	397.5	0	0	0	0
LM-13-01	397.5	398	0	0	0	0
LM-13-01	398	398.5	0	0	0	0
LM-13-01	398.5	399	0	0	0	0
LM-13-01	399	399.5	0	0	0	0
LM-13-01	399.5	400	0	0	0	0
LM-13-01	400	400.5	0	0	0	0
LM-13-01	400.5	401	0	5.12	79.07	15.81

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	401	401.5	19131	5.99	5.56	0	0.15	0
LM-13-01	401.5	402	9487	1.41	0	0	0	0
LM-13-01	402	402.5	16211	2.82	1.62	0	0.01	0.01
LM-13-01	402.5	403	18700	5.46	1.88	0	0	0.1
LM-13-01	403	403.5	9685	0.2	0.83	0	0	0.02
LM-13-01	403.5	404	21945	9.35	25.07	0	0	7.54
LM-13-01	404	404.5	19409	2.16	1.7	0	0	0.09
LM-13-01	404.5	405	21995	3.51	24.88	0	0	7.6
LM-13-01	405	405.5	16029	0.88	5.14	0	0	13.17
LM-13-01	405.5	406	21383	7.2	27.91	0	0.07	7.27
LM-13-01	406	406.5	21570	6.37	29.53	0	0.01	16.52
LM-13-01	406.5	407	9183	1.36	8.55	0	0	13.08
LM-13-01	407	407.5	18093	3.26	32.11	0	0.01	3.61
LM-13-01	407.5	408	16082	3.77	10.31	0	0.22	3.2
LM-13-01	408	408.5	7832	3.88	2.17	0	0.65	0.46
LM-13-01	408.5	409	16828	5.73	11.84	0	0	0.58
LM-13-01	409	409.5	18727	4.12	10.77	0	0	5.45
LM-13-01	409.5	410	18905	5.13	0.6	0	0	0.02
LM-13-01	410	410.5	6350	2.87	0.08	0	0	0
LM-13-01	410.5	411	14157	1.13	4.1	0	0	12.26
LM-13-01	411	411.5	19716	6.43	18.02	0	0	6.67
LM-13-01	411.5	412	19412	0.38	1.91	0	0	3.62
LM-13-01	412	412.5	14808	0.79	0.03	0	0	0.03
LM-13-01	412.5	413	19628	5.65	37.72	0	0	4.8
LM-13-01	413	413.5	19740	2.33	35.89	0	0.48	9.29
LM-13-01	413.5	414	19401	2.02	33.41	0	0	2.51
LM-13-01	414	414.5	11539	1.89	0	0	0	0
LM-13-01	414.5	415	18956	4.93	7.67	0	0	2.07
LM-13-01	415	415.5	19597	4.99	37.74	0	0	4.38
LM-13-01	415.5	416	14208	2.24	27.66	0	0	15.86
LM-13-01	416	416.5	13304	7.57	20.77	0	0	0.71
LM-13-01	416.5	417	19000	7.72	10.92	0	0	3.23
LM-13-01	417	417.5	16254	4.09	12.59	0	0	9.38

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	401	401.5	0.42	0.22	0	0	0	0.02
LM-13-01	401.5	402	0	0	0	0	0	0
LM-13-01	402	402.5	0.3	0.21	0.01	0	0	0
LM-13-01	402.5	403	0	0	0	0	0	0.01
LM-13-01	403	403.5	0	0	0	0	0	0
LM-13-01	403.5	404	0.05	0	0	0	0	0
LM-13-01	404	404.5	0.06	0	0	0	0	0
LM-13-01	404.5	405	0.02	0	0	0	0	0
LM-13-01	405	405.5	0	0	0	0	0	0
LM-13-01	405.5	406	0.52	0	0	0	0	0
LM-13-01	406	406.5	0.46	0.18	0	0	0	0
LM-13-01	406.5	407	0.02	0	0	0	0	0.08
LM-13-01	407	407.5	0.25	0	0	0	0	0
LM-13-01	407.5	408	5.71	0	0	0	0	0
LM-13-01	408	408.5	2.66	0	0	0	0.08	0.14
LM-13-01	408.5	409	0.18	0	0	0	0	0.01
LM-13-01	409	409.5	0.02	0	0	0	0	0
LM-13-01	409.5	410	0	0	0	0	0	0.01
LM-13-01	410	410.5	0	0	0	0	0	0
LM-13-01	410.5	411	0.11	0	0	0	0	0
LM-13-01	411	411.5	0.1	0	0	0	0	0
LM-13-01	411.5	412	0.03	0	0	0	0	0
LM-13-01	412	412.5	0	0	0.01	0	0	0
LM-13-01	412.5	413	0.1	0	0	0	0	0
LM-13-01	413	413.5	3.19	0	0	0	0	0
LM-13-01	413.5	414	0.02	0	0	0	0	0
LM-13-01	414	414.5	0	0	0	0	0	0
LM-13-01	414.5	415	0	0	0	0	0	0
LM-13-01	415	415.5	0	0	0	0	0	0.01
LM-13-01	415.5	416	0	0	0	0	0	0
LM-13-01	416	416.5	0	0	0	0	0	0.05
LM-13-01	416.5	417	0.03	0	0	0	0	0
LM-13-01	417	417.5	0.38	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	401	401.5	0	0	0	1.29	9.89
LM-13-01	401.5	402	0	0	0	0	0.28
LM-13-01	402	402.5	0	0.49	0	0.72	2.01
LM-13-01	402.5	403	0.22	0.25	0	0.01	1.58
LM-13-01	403	403.5	0	0	0	0	1.85
LM-13-01	403.5	404	0	0	0	0	9.5
LM-13-01	404	404.5	0	0	0	0	4.07
LM-13-01	404.5	405	0	0.01	0	0	14.02
LM-13-01	405	405.5	0	0	0	0	28.99
LM-13-01	405.5	406	0	0	0	0	3.73
LM-13-01	406	406.5	0.07	0	0	0.49	10.38
LM-13-01	406.5	407	0	0	0	0	21.3
LM-13-01	407	407.5	0	0	0	0	19.07
LM-13-01	407.5	408	0	0	0	0	7.05
LM-13-01	408	408.5	0	0	0	0	14.22
LM-13-01	408.5	409	0	0	0	0	15.55
LM-13-01	409	409.5	0	0	0	0	19.29
LM-13-01	409.5	410	0	0	0	0	40.86
LM-13-01	410	410.5	0	0	0	0	18.79
LM-13-01	410.5	411	0	0	0	0	29.16
LM-13-01	411	411.5	0	0	0	0	11.85
LM-13-01	411.5	412	0	0	0	0	9.62
LM-13-01	412	412.5	0	0	0	0	3.15
LM-13-01	412.5	413	0	0	0	0	2.86
LM-13-01	413	413.5	0	0	0	0	10.51
LM-13-01	413.5	414	0	0	0	0	3.56
LM-13-01	414	414.5	0	0	0	0	0.95
LM-13-01	414.5	415	0	0	0	0	1.52
LM-13-01	415	415.5	0	0	0	0	1.95
LM-13-01	415.5	416	0	0	0	0	1.44
LM-13-01	416	416.5	0	0	0	0	8.38
LM-13-01	416.5	417	0	0	0	0	11.37
LM-13-01	417	417.5	0	0	0	0	3.45

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	401	401.5	61.44	0.01	0	0	0
LM-13-01	401.5	402	64.92	0	0	0	0
LM-13-01	402	402.5	75.76	1.48	0.01	0.41	0
LM-13-01	402.5	403	73.09	0	0	0	0
LM-13-01	403	403.5	69.86	0	0	0	0
LM-13-01	403.5	404	26.17	0.13	0.01	0	0
LM-13-01	404	404.5	78.75	0.16	0	0	0
LM-13-01	404.5	405	25.31	0.22	0	0	0
LM-13-01	405	405.5	37.26	0	0	0	0
LM-13-01	405.5	406	37.73	2.17	0	0.06	0
LM-13-01	406	406.5	17.85	0.87	0	0.07	0.01
LM-13-01	406.5	407	12.97	0.24	0.1	0.03	0
LM-13-01	407	407.5	22.06	0.91	0.04	0	0
LM-13-01	407.5	408	44.53	0.06	0	0	0
LM-13-01	408	408.5	56.12	0.38	0	0	0
LM-13-01	408.5	409	40.97	0.54	0	0	0
LM-13-01	409	409.5	43.03	0.29	0.01	0	0
LM-13-01	409.5	410	34.53	0.02	1.59	0	0
LM-13-01	410	410.5	46.14	0	0	0	0
LM-13-01	410.5	411	37.42	0.47	0.04	0	0
LM-13-01	411	411.5	43.7	0.19	0.02	0	0
LM-13-01	411.5	412	71.46	0.11	0.01	0	0
LM-13-01	412	412.5	80.42	0	0	0	0
LM-13-01	412.5	413	33.22	0.35	0	0	0
LM-13-01	413	413.5	22.87	0.34	0.02	0	0
LM-13-01	413.5	414	45.58	0.18	0	0	0
LM-13-01	414	414.5	73.22	0	0	0	0
LM-13-01	414.5	415	71.59	0.03	0	0	0
LM-13-01	415	415.5	34.98	0.01	0	0.05	0
LM-13-01	415.5	416	32.77	0.05	0	0	0
LM-13-01	416	416.5	43.83	0.13	0	0	0
LM-13-01	416.5	417	53.58	0.22	0.02	0	0
LM-13-01	417	417.5	56.07	0.09	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	401	401.5	2338.95	964	0	0	0
LM-13-01	401.5	402	0	0	0	0	0
LM-13-01	402	402.5	2324.09	0	0.83	2206.12	0
LM-13-01	402.5	403	0	0	0	0	0
LM-13-01	403	403.5	0	0	0	0	0
LM-13-01	403.5	404	0	0	0	0	0
LM-13-01	404	404.5	0	0	0	0	0
LM-13-01	404.5	405	0	0	0.45	2202.12	0
LM-13-01	405	405.5	0	0	0	0	0
LM-13-01	405.5	406	2344.27	0	0.28	2204.04	0
LM-13-01	406	406.5	2347.1	0	0.63	2203.4	0
LM-13-01	406.5	407	0	0	0.35	2204.67	0
LM-13-01	407	407.5	2348	0	0	0	0
LM-13-01	407.5	408	2342.81	0	0	0	0
LM-13-01	408	408.5	2336.56	947.99	0	0	0
LM-13-01	408.5	409	0	968	0	0	0
LM-13-01	409	409.5	0	0	0	0	0
LM-13-01	409.5	410	0	0	0	0	0
LM-13-01	410	410.5	0	0	0	0	0
LM-13-01	410.5	411	0	0	0	0	0
LM-13-01	411	411.5	0	0	0	0	0
LM-13-01	411.5	412	0	0	0	0	0
LM-13-01	412	412.5	0	0	0	0	0
LM-13-01	412.5	413	0	0	0	0	0
LM-13-01	413	413.5	2345.16	0	0	0	0
LM-13-01	413.5	414	0	0	0	0	0
LM-13-01	414	414.5	0	0	0	0	0
LM-13-01	414.5	415	0	0	0	0	0
LM-13-01	415	415.5	0	900	0.62	2195.12	0
LM-13-01	415.5	416	0	0	0	0	0
LM-13-01	416	416.5	0	0	0	0	0
LM-13-01	416.5	417	0	0	0	0	0
LM-13-01	417	417.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	401	401.5	0	0	0	0	2257.86
LM-13-01	401.5	402	0	0	0	0	0
LM-13-01	402	402.5	0	100	0	0	2253.07
LM-13-01	402.5	403	0	0	0	0	0
LM-13-01	403	403.5	0	0	0	0	0
LM-13-01	403.5	404	0	0	0	0	0
LM-13-01	404	404.5	0	0	0	0	0
LM-13-01	404.5	405	0	100	0	0	0
LM-13-01	405	405.5	0	0	0	0	0
LM-13-01	405.5	406	23.08	53.85	23.08	0	0
LM-13-01	406	406.5	0	100	0	0	2259.55
LM-13-01	406.5	407	0	100	0	0	0
LM-13-01	407	407.5	0	0	0	0	0
LM-13-01	407.5	408	0	0	0	0	0
LM-13-01	408	408.5	0	0	0	0	0
LM-13-01	408.5	409	0	0	0	0	0
LM-13-01	409	409.5	0	0	0	0	0
LM-13-01	409.5	410	0	0	0	0	0
LM-13-01	410	410.5	0	0	0	0	0
LM-13-01	410.5	411	0	0	0	0	0
LM-13-01	411	411.5	0	0	0	0	0
LM-13-01	411.5	412	0	0	0	0	0
LM-13-01	412	412.5	0	0	0	0	0
LM-13-01	412.5	413	0	0	0	0	0
LM-13-01	413	413.5	0	0	0	0	0
LM-13-01	413.5	414	0	0	0	0	0
LM-13-01	414	414.5	0	0	0	0	0
LM-13-01	414.5	415	0	0	0	0	0
LM-13-01	415	415.5	100	0	0	0	0
LM-13-01	415.5	416	0	0	0	0	0
LM-13-01	416	416.5	0	0	0	0	0
LM-13-01	416.5	417	0	0	0	0	0
LM-13-01	417	417.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	401	401.5	0	0	32.5	67.5
LM-13-01	401.5	402	0	0	0	0
LM-13-01	402	402.5	0	3.57	96.43	0
LM-13-01	402.5	403	0	0	0	0
LM-13-01	403	403.5	0	0	0	0
LM-13-01	403.5	404	0	0	0	0
LM-13-01	404	404.5	0	0	0	0
LM-13-01	404.5	405	0	0	0	0
LM-13-01	405	405.5	0	0	0	0
LM-13-01	405.5	406	0	0	0	0
LM-13-01	406	406.5	0	0	30.3	69.7
LM-13-01	406.5	407	0	0	0	0
LM-13-01	407	407.5	0	0	0	0
LM-13-01	407.5	408	0	0	0	0
LM-13-01	408	408.5	0	0	0	0
LM-13-01	408.5	409	0	0	0	0
LM-13-01	409	409.5	0	0	0	0
LM-13-01	409.5	410	0	0	0	0
LM-13-01	410	410.5	0	0	0	0
LM-13-01	410.5	411	0	0	0	0
LM-13-01	411	411.5	0	0	0	0
LM-13-01	411.5	412	0	0	0	0
LM-13-01	412	412.5	0	0	0	0
LM-13-01	412.5	413	0	0	0	0
LM-13-01	413	413.5	0	0	0	0
LM-13-01	413.5	414	0	0	0	0
LM-13-01	414	414.5	0	0	0	0
LM-13-01	414.5	415	0	0	0	0
LM-13-01	415	415.5	0	0	0	0
LM-13-01	415.5	416	0	0	0	0
LM-13-01	416	416.5	0	0	0	0
LM-13-01	416.5	417	0	0	0	0
LM-13-01	417	417.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	417.5	418	18540	10.86	14.96	0	0.05	11.66
LM-13-01	418	418.5	20438	0.59	18.83	0	0	7.73
LM-13-01	418.5	419	23460	1.55	26.86	0	0	27.48
LM-13-01	419	419.5	21576	0.39	23.07	0	0	3.55
LM-13-01	419.5	420	15672	2.1	4.91	0	0	51.13
LM-13-01	420	420.5	23229	2.4	9.46	0	0	36.41
LM-13-01	420.5	421	21244	3.94	12.25	0	0	49.13
LM-13-01	421	421.5	11374	0.88	13.79	0	0	1.64
LM-13-01	421.5	422	22544	7.92	12.98	0	0	1.38
LM-13-01	422	422.5	20746	5.56	12.89	0	0	12.3
LM-13-01	422.5	423	15581	7.03	5.9	0	0	15.24
LM-13-01	423	423.5	22853	6.19	7.88	0	0.43	5.78
LM-13-01	423.5	424	21611	0.9	1.98	0	0	0
LM-13-01	424	424.5	7004	0.63	1.41	0	0	1.17
LM-13-01	424.5	425	22751	7.27	9.41	0	0	10.84
LM-13-01	425	425.5	23460	4.37	20.14	0	0.04	2.63
LM-13-01	425.5	426	15139	4.04	9.46	0	0	24.51
LM-13-01	426	426.5	17692	6.15	7.1	0	0	6.32
LM-13-01	426.5	427	22828	3.19	3.69	0	0	25.35
LM-13-01	427	427.5	23241	3.26	10.73	0	0	6.09
LM-13-01	427.5	428	16211	3.48	3.18	0	3.39	12.26
LM-13-01	428	428.5	21107	4.48	4.21	0	0.02	13.23
LM-13-01	428.5	429	19566	3.04	2.34	0	0.09	40.87
LM-13-01	429	429.5	6904	1.09	3.65	0	0	2.72
LM-13-01	429.5	430	21756	0.65	3.01	0	0.05	1.36
LM-13-01	430	430.5	20669	4.95	2.43	0	0	19.37
LM-13-01	430.5	431	15138	2.4	8.98	0	0.61	15.15
LM-13-01	431	431.5	21807	1.26	8.52	0	0.25	37.32
LM-13-01	431.5	432	22845	1.51	6.1	0	0.16	21.6
LM-13-01	432	432.5	17946	4.6	8.12	0	0.32	14.58
LM-13-01	432.5	433	19473	5.89	7.38	0.01	0.1	14.29
LM-13-01	433	433.5	22528	3.69	32.18	0	0.09	6.78
LM-13-01	433.5	434	13551	12.89	12.35	0	0.46	16.49

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	417.5	418	1	0	0	0	0	0
LM-13-01	418	418.5	0.11	0	0	0	0	0
LM-13-01	418.5	419	0.03	0	0	0	0	0
LM-13-01	419	419.5	0	0	0	0	0	0
LM-13-01	419.5	420	0.07	0.07	0	0	0	0
LM-13-01	420	420.5	0	0	0	0	0	0
LM-13-01	420.5	421	0.09	0	0	0	0	0
LM-13-01	421	421.5	0	0	0.01	0	0	0
LM-13-01	421.5	422	0	0	0	0	0	0
LM-13-01	422	422.5	0	0	0	0	0	0.02
LM-13-01	422.5	423	1.49	0.44	0	0	0	0
LM-13-01	423	423.5	4.07	0	0	0	0	0.04
LM-13-01	423.5	424	0	0	0	0	0	0
LM-13-01	424	424.5	0.01	0	0	0	0	0
LM-13-01	424.5	425	0.13	0	0	0	0	0
LM-13-01	425	425.5	2.22	0	0	0	0	0.01
LM-13-01	425.5	426	0	0	0	0	0	0
LM-13-01	426	426.5	0.01	0.53	0	0	0	0
LM-13-01	426.5	427	0.02	0	0	0	0	0
LM-13-01	427	427.5	0	0	0	0	0	0.01
LM-13-01	427.5	428	6.93	14.91	0.17	0	0	0.01
LM-13-01	428	428.5	0.13	3.34	0	0	0	0
LM-13-01	428.5	429	1.03	1.72	0	0	0	0
LM-13-01	429	429.5	0.23	0	0	0	0	0
LM-13-01	429.5	430	0.1	0.53	0	0	0	0
LM-13-01	430	430.5	0.14	0.4	0	0	0	0
LM-13-01	430.5	431	0.65	2.33	0.01	0	0	0
LM-13-01	431	431.5	0.01	0.14	0	0	0	0
LM-13-01	431.5	432	0.49	1.4	0.03	0	0	0
LM-13-01	432	432.5	1	0.86	0.01	0	0	0
LM-13-01	432.5	433	0.73	0.13	0	0	0	0.02
LM-13-01	433	433.5	0.14	0.37	0	0	0	0
LM-13-01	433.5	434	1.36	0.28	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	417.5	418	0	0	0	0.03	2.21
LM-13-01	418	418.5	0	0	0	0.29	12.91
LM-13-01	418.5	419	0	0	0	0.05	2.77
LM-13-01	419	419.5	0	0	0	0	10.02
LM-13-01	419.5	420	0	0	0	0	7.52
LM-13-01	420	420.5	0	0	0	0	5.23
LM-13-01	420.5	421	0	0	0	0	5.4
LM-13-01	421	421.5	0	0	0	0	22.89
LM-13-01	421.5	422	0	0	0	0	4.76
LM-13-01	422	422.5	0	0	0	0	6.04
LM-13-01	422.5	423	0	0	0	0	5.26
LM-13-01	423	423.5	0	0	0	0	8.79
LM-13-01	423.5	424	0	0	0	0	3.63
LM-13-01	424	424.5	0	0	0	0	7.02
LM-13-01	424.5	425	0	0	0	0	9.65
LM-13-01	425	425.5	0	0	0	0	13.35
LM-13-01	425.5	426	0	0	0	0	13.26
LM-13-01	426	426.5	0	0.06	0	0	5.6
LM-13-01	426.5	427	0	0	0	0	20.35
LM-13-01	427	427.5	0	0	0	0	17.7
LM-13-01	427.5	428	0	0	4.68	29.95	7.82
LM-13-01	428	428.5	0	0.01	0	0	11.63
LM-13-01	428.5	429	0	0	0	0.42	15.74
LM-13-01	429	429.5	0	0	0	0	6.97
LM-13-01	429.5	430	0	0	0	0	3.05
LM-13-01	430	430.5	0	0.05	0	0.77	13.73
LM-13-01	430.5	431	0	0.01	0	0.4	27.16
LM-13-01	431	431.5	0	0.01	0	0.04	20.42
LM-13-01	431.5	432	0.01	0.01	0.03	0.38	13.78
LM-13-01	432	432.5	0	0.01	0	0.62	15.07
LM-13-01	432.5	433	0.02	0	0	0.59	31.14
LM-13-01	433	433.5	0	0	0	0.01	6.95
LM-13-01	433.5	434	0	0.01	0	1.88	16.9

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	417.5	418	44.69	0.42	0.01	0	0
LM-13-01	418	418.5	39.24	0.13	0	0	0
LM-13-01	418.5	419	19.76	0.07	0.02	0	0
LM-13-01	419	419.5	47.66	0	0	0	0
LM-13-01	419.5	420	13.73	0.15	0.02	0.05	0
LM-13-01	420	420.5	27.78	0.01	0	0	0
LM-13-01	420.5	421	8.48	0.58	0	0	0
LM-13-01	421	421.5	41.42	0	0	0	0
LM-13-01	421.5	422	59.36	0.01	0	0	0
LM-13-01	422	422.5	48.78	0.06	0.02	0	0
LM-13-01	422.5	423	41.11	0.36	0	0.04	0
LM-13-01	423	423.5	41.81	0.13	0	0.01	0
LM-13-01	423.5	424	73.97	0.03	0	0	0
LM-13-01	424	424.5	65.99	0.19	0.04	0	0
LM-13-01	424.5	425	49.14	0.02	0.1	0.01	0
LM-13-01	425	425.5	43.11	2.77	0.04	0	0
LM-13-01	425.5	426	30.64	0.05	0	0.01	0
LM-13-01	426	426.5	60.26	0.07	0.01	0.05	0
LM-13-01	426.5	427	33.14	0.87	0.06	0	0
LM-13-01	427	427.5	47.47	0	0.03	0	0
LM-13-01	427.5	428	12.79	2.15	0.03	7.02	1.16
LM-13-01	428	428.5	49.44	0.7	0	2.33	0.29
LM-13-01	428.5	429	18.57	1.35	0.05	0.19	0.02
LM-13-01	429	429.5	44.1	0.42	0	0	0
LM-13-01	429.5	430	75.7	0.14	0	0.01	0
LM-13-01	430	430.5	34.74	0.35	0	0	0
LM-13-01	430.5	431	16.79	2.19	0.09	1.98	0.22
LM-13-01	431	431.5	13	0.27	0.02	0.37	0
LM-13-01	431.5	432	37.23	1.98	0.28	1.59	0.18
LM-13-01	432	432.5	35.9	0.4	0.03	0.41	0.04
LM-13-01	432.5	433	24.89	0.55	0.08	0.42	0.01
LM-13-01	433	433.5	36.29	0.3	0.03	0.1	0.01
LM-13-01	433.5	434	19.45	2.48	0.36	0.57	0.01

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	417.5	418	2345.1	0	0	0	0
LM-13-01	418	418.5	0	0	0	0	0
LM-13-01	418.5	419	0	0	0	0	0
LM-13-01	419	419.5	0	0	0	0	0
LM-13-01	419.5	420	0	0	0.39	2199.22	0
LM-13-01	420	420.5	0	0	0	0	0
LM-13-01	420.5	421	0	0	0	0	0
LM-13-01	421	421.5	0	0	0	0	0
LM-13-01	421.5	422	0	0	0	0	0
LM-13-01	422	422.5	0	872	0	0	0
LM-13-01	422.5	423	0	0	0.57	2197.86	0
LM-13-01	423	423.5	2342.73	881.8	0	0	#DIV/0!
LM-13-01	423.5	424	0	0	0	0	0
LM-13-01	424	424.5	0	0	0	0	0
LM-13-01	424.5	425	0	0	0.28	2220.9	0
LM-13-01	425	425.5	2342.8	0	0	0	0
LM-13-01	425.5	426	0	0	0.17	2218.49	0
LM-13-01	426	426.5	0	0	0.31	2204.63	0
LM-13-01	426.5	427	0	0	0	0	0
LM-13-01	427	427.5	0	0	0	0	0
LM-13-01	427.5	428	2334.47	0	0.67	2202.43	0.88
LM-13-01	428	428.5	2350.96	0	0.59	2205.47	0.41
LM-13-01	428.5	429	2347.83	0	0.35	2202.49	0
LM-13-01	429	429.5	0	0	0	0	0
LM-13-01	429.5	430	2341.97	0	0	0	#DIV/0!
LM-13-01	430	430.5	0	0	0	0	0
LM-13-01	430.5	431	2345.37	0	0.59	2201.07	1.71
LM-13-01	431	431.5	2345.15	0	0.46	2202.12	1.2
LM-13-01	431.5	432	2345.61	0	0.86	2203.45	0.55
LM-13-01	432	432.5	2346.96	0	0.53	2201.94	0
LM-13-01	432.5	433	2343.41	873.33	0.41	2202.43	2.5
LM-13-01	433	433.5	2347.89	0	0.43	2205.17	0
LM-13-01	433.5	434	2343.88	0	0.47	2205.07	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	417.5	418	0	0	0	0	0
LM-13-01	418	418.5	0	0	0	0	0
LM-13-01	418.5	419	0	0	0	0	0
LM-13-01	419	419.5	0	0	0	0	0
LM-13-01	419.5	420	42.86	57.14	0	0	2257.81
LM-13-01	420	420.5	0	0	0	0	0
LM-13-01	420.5	421	0	0	0	0	0
LM-13-01	421	421.5	0	0	0	0	0
LM-13-01	421.5	422	0	0	0	0	0
LM-13-01	422	422.5	0	0	0	0	0
LM-13-01	422.5	423	75	25	0	0	2256.84
LM-13-01	423	423.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-01	423.5	424	0	0	0	0	0
LM-13-01	424	424.5	0	0	0	0	0
LM-13-01	424.5	425	0	0	0	100	0
LM-13-01	425	425.5	0	0	0	0	0
LM-13-01	425.5	426	0	0	0	100	0
LM-13-01	426	426.5	0	100	0	0	2256.56
LM-13-01	426.5	427	0	0	0	0	0
LM-13-01	427	427.5	0	0	0	0	0
LM-13-01	427.5	428	15.88	81.14	2.11	0	2257.47
LM-13-01	428	428.5	4.1	81.56	12.91	1.02	2256.94
LM-13-01	428.5	429	22.22	77.78	0	0	2258.73
LM-13-01	429	429.5	0	0	0	0	0
LM-13-01	429.5	430	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2258.22
LM-13-01	430	430.5	0	0	0	0	2257.58
LM-13-01	430.5	431	28.33	66.89	1.37	1.71	2257.7
LM-13-01	431	431.5	19.28	72.29	7.23	0	2260.35
LM-13-01	431.5	432	4.7	89.78	4.7	0.28	2257.59
LM-13-01	432	432.5	6.76	93.24	0	0	2257.14
LM-13-01	432.5	433	13.75	77.5	6.25	0	2258.74
LM-13-01	433	433.5	0	86.36	13.64	0	2258.15
LM-13-01	433.5	434	9.33	70.67	20	0	2259.25

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	417.5	418	0	0	0	0
LM-13-01	418	418.5	0	0	0	0
LM-13-01	418.5	419	0	0	0	0
LM-13-01	419	419.5	0	0	0	0
LM-13-01	419.5	420	0	0	36.36	63.64
LM-13-01	420	420.5	0	0	0	0
LM-13-01	420.5	421	0	0	0	0
LM-13-01	421	421.5	0	0	0	0
LM-13-01	421.5	422	0	0	0	0
LM-13-01	422	422.5	0	0	0	0
LM-13-01	422.5	423	0	0	57.97	42.03
LM-13-01	423	423.5	0	0	0	0
LM-13-01	423.5	424	0	0	0	0
LM-13-01	424	424.5	0	0	0	0
LM-13-01	424.5	425	0	0	0	0
LM-13-01	425	425.5	0	0	0	0
LM-13-01	425.5	426	0	0	0	0
LM-13-01	426	426.5	0	0	58.24	41.76
LM-13-01	426.5	427	0	0	0	0
LM-13-01	427	427.5	0	0	0	0
LM-13-01	427.5	428	0	0.17	40.74	59.09
LM-13-01	428	428.5	0.14	0.14	56.98	42.74
LM-13-01	428.5	429	0	0	12.87	87.13
LM-13-01	429	429.5	0	0	0	0
LM-13-01	429.5	430	0	0	25.45	74.55
LM-13-01	430	430.5	0	0	45.68	54.32
LM-13-01	430.5	431	0	0	29.14	70.86
LM-13-01	431	431.5	0	0	0	100
LM-13-01	431.5	432	0	1.59	39.37	59.05
LM-13-01	432	432.5	0	0	46.75	53.25
LM-13-01	432.5	433	0	0	12	88
LM-13-01	433	433.5	0	0	13.25	86.75
LM-13-01	433.5	434	0	0	0	100

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	434	434.5	17285	1.65	13.36	0	0	6.25
LM-13-01	434.5	435	21231	3.32	14.24	0	0.75	26.96
LM-13-01	435	435.5	14633	3.29	8.43	0	0.01	7.01
LM-13-01	435.5	436	10776	5.75	21.25	0	0	0
LM-13-01	436	436.5	20991	3.09	12.33	0	0.01	1.87
LM-13-01	436.5	437	18670	16.48	2.5	0	0	0.22
LM-13-01	437	437.5	16590	24.38	7.59	0	0.05	6.12
LM-13-01	437.5	438	21866	4.56	23.74	0	0	27.71
LM-13-01	438	438.5	22020	6.88	27.89	0	0.02	15.53
LM-13-01	438.5	439	19169	2.11	5.63	0	0.38	22.73
LM-13-01	439	439.5	12776	3.27	6.27	0	1.29	6.96
LM-13-01	439.5	440	21535	21.79	16.86	0	0.52	5.86
LM-13-01	440	440.5	21772	5.28	8.35	0	2.26	7.01
LM-13-01	440.5	441	13447	2.71	4.45	0	0.29	3.47
LM-13-01	441	441.5	21388	3.87	1.44	0	0.08	2.02
LM-13-01	441.5	442	22080	2.4	3.64	0	1.05	4.37
LM-13-01	442	442.5	15779	6.63	3.12	0	0.05	0.21
LM-13-01	442.5	443	15851	1.98	1.43	0	0.53	0.14
LM-13-01	443	443.5	18445	2.11	0.01	0	0	0
LM-13-01	443.5	444	19362	0.87	1.54	0	0.01	0.06
LM-13-01	444	444.5	5531	2.01	0.47	0	0	0
LM-13-01	444.5	445	20028	7.91	6.98	0	0	4.01
LM-13-01	445	445.5	14455	8.16	10.46	0	0	0.08
LM-13-01	445.5	446	15160	3.68	6.07	0	0	1.41
LM-13-01	446	446.5	11858	3.28	7.04	0	0.27	5.9
LM-13-01	446.5	447	20816	4.91	32.84	0	0	11
LM-13-01	447	447.5	20880	4.82	16.83	0	0.77	18.44
LM-13-01	447.5	448	13698	14.8	18.01	0	0	1.29
LM-13-01	448	448.5	16764	8.18	16.66	2.39	0.03	20.05
LM-13-01	448.5	449	14971	12.64	8.94	0	0	4.45
LM-13-01	449	449.5	18301	6.33	12.94	0	0	0.98
LM-13-01	449.5	450	10751	4.93	10.37	0	0	0
LM-13-01	450	450.5	20374	12.88	10.05	0	0	11.5

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	434	434.5	0.13	0	0	0	0	0
LM-13-01	434.5	435	2.44	0.88	0	0	0	0
LM-13-01	435	435.5	0.18	0	0	0	0	0
LM-13-01	435.5	436	0	0	0	0	0	0
LM-13-01	436	436.5	0.39	0	0	0	0	0
LM-13-01	436.5	437	0.19	0	0	0	0	0.03
LM-13-01	437	437.5	0.97	1.68	0.01	0	0	0.04
LM-13-01	437.5	438	0.8	1.55	0	0	0	0.01
LM-13-01	438	438.5	0.34	0.44	0	0	0	0.02
LM-13-01	438.5	439	9.64	0.95	0.05	0	0	0.02
LM-13-01	439	439.5	7.92	1.6	0.1	0	0	0
LM-13-01	439.5	440	2.93	3.86	0.01	0	0	0
LM-13-01	440	440.5	10.01	6.97	0.03	0	0	0.03
LM-13-01	440.5	441	3.73	6.69	0.01	0	0	0
LM-13-01	441	441.5	0.6	1.8	0.09	0	0	0
LM-13-01	441.5	442	3.08	1.7	0.12	0	0	0
LM-13-01	442	442.5	0.18	0.16	0.05	0	0	0.01
LM-13-01	442.5	443	3.08	4.83	0.16	0	0	0
LM-13-01	443	443.5	0	0	0	0	0	0
LM-13-01	443.5	444	0.04	0	0	0	0	0
LM-13-01	444	444.5	0	0	0	0	0	0
LM-13-01	444.5	445	0.04	0	0	0	0	0.02
LM-13-01	445	445.5	0	0	0	0	0	0
LM-13-01	445.5	446	0.02	0	0	0	0	0
LM-13-01	446	446.5	0.67	1.16	0.02	0	0	0
LM-13-01	446.5	447	0	0.07	0	0	0	0
LM-13-01	447	447.5	2.21	9.71	0.41	0	0	0
LM-13-01	447.5	448	0	0	0	0	0	0
LM-13-01	448	448.5	0.14	0	0	0	0	0
LM-13-01	448.5	449	0.03	0	0	0	0	0
LM-13-01	449	449.5	0.01	0	0	0	0	0
LM-13-01	449.5	450	0	0	0	0	0	0
LM-13-01	450	450.5	0	0	0	0	0	0.01

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	434	434.5	0	0	0	0	45.72
LM-13-01	434.5	435	0.01	0	0.18	7.7	13.92
LM-13-01	435	435.5	0	0	0	0.01	42.83
LM-13-01	435.5	436	0	0	0	0	13.8
LM-13-01	436	436.5	0	0	0	0	18.17
LM-13-01	436.5	437	0	0.01	0	0	6.93
LM-13-01	437	437.5	0.04	0	0	1.04	24.18
LM-13-01	437.5	438	0	0	0	0.88	6.37
LM-13-01	438	438.5	0	0.01	0	0.47	11.96
LM-13-01	438.5	439	0	0.4	0.03	13.01	18.92
LM-13-01	439	439.5	0	0.01	0	0.07	30.79
LM-13-01	439.5	440	0	0.07	0	0.01	19.79
LM-13-01	440	440.5	0	0	2.06	12.3	21.36
LM-13-01	440.5	441	0	0.02	0	0.1	29.84
LM-13-01	441	441.5	0	0	0	0	4.14
LM-13-01	441.5	442	0	0.01	0.02	3.83	34.34
LM-13-01	442	442.5	0	0	0	0	18.69
LM-13-01	442.5	443	0	0	0	0	24.91
LM-13-01	443	443.5	0	0	0	0	5.76
LM-13-01	443.5	444	0	0	0	0	35.8
LM-13-01	444	444.5	0	0	0	0	11.46
LM-13-01	444.5	445	0	0.19	0	0.03	8.41
LM-13-01	445	445.5	0	0	0	0	7.78
LM-13-01	445.5	446	0	0	0	0.05	34.43
LM-13-01	446	446.5	0	0.01	0	0.07	34.67
LM-13-01	446.5	447	0	0	0	0	16.18
LM-13-01	447	447.5	0	0	0	0.11	16.05
LM-13-01	447.5	448	0	0	0	0	11.41
LM-13-01	448	448.5	0.01	0.08	0	2.95	12.77
LM-13-01	448.5	449	0	0	0	0	22.74
LM-13-01	449	449.5	0	0	0	0	31.16
LM-13-01	449.5	450	0	0	0	0	18.44
LM-13-01	450	450.5	0	0	0	0	28.28

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	434	434.5	18.37	1.23	0.17	0.05	0
LM-13-01	434.5	435	14.3	3.09	0.15	1	0.21
LM-13-01	435	435.5	24.42	1.97	0.07	0	0
LM-13-01	435.5	436	24.5	0.03	0	0	0
LM-13-01	436	436.5	38.11	0.5	0.03	0.02	0
LM-13-01	436.5	437	62.3	0.39	0	0.04	0.01
LM-13-01	437	437.5	19.48	0.23	0	0.1	0.01
LM-13-01	437.5	438	15.6	0.08	0.06	0.38	0
LM-13-01	438	438.5	18.43	0.92	0.03	0.2	0.04
LM-13-01	438.5	439	13.03	3.18	0.03	0.25	0.03
LM-13-01	439	439.5	28.51	4.11	0.29	1.37	0.41
LM-13-01	439.5	440	15.87	5.1	0.17	1.15	0.05
LM-13-01	440	440.5	22.37	2.06	0.36	2.13	0.17
LM-13-01	440.5	441	30.18	1.11	0.12	0.2	0
LM-13-01	441	441.5	74.81	0.65	0	0.56	0.04
LM-13-01	441.5	442	34.55	2.75	0.33	1.72	0.57
LM-13-01	442	442.5	61.88	0.26	0	0.41	0.18
LM-13-01	442.5	443	39.32	1.03	0.03	1.93	0.34
LM-13-01	443	443.5	77.02	0.04	0	0	0
LM-13-01	443.5	444	41.76	0.23	0.01	0.06	0
LM-13-01	444	444.5	55.11	0	0	0	0
LM-13-01	444.5	445	58.85	0.12	0.01	0	0.02
LM-13-01	445	445.5	53.49	0.12	0	0	0
LM-13-01	445.5	446	36.46	0.05	0	0.01	0
LM-13-01	446	446.5	32.82	1.36	0.12	0.88	0.28
LM-13-01	446.5	447	20.73	0.31	0.01	0.07	0.01
LM-13-01	447	447.5	15.68	3.06	0.07	1.06	0.41
LM-13-01	447.5	448	28.99	0.04	0	0	0
LM-13-01	448	448.5	27.29	0.5	0	0.1	0
LM-13-01	448.5	449	29.38	0.54	0	0	0
LM-13-01	449	449.5	35.66	0.09	0	0	0
LM-13-01	449.5	450	26.5	0.04	0	0	0
LM-13-01	450	450.5	14.34	0	0.18	0.02	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	434	434.5	0	0	0.47	2203.25	0
LM-13-01	434.5	435	2338.22	0	1.63	2203.77	0.47
LM-13-01	435	435.5	0	0	0	0	0
LM-13-01	435.5	436	0	0	0	0	0
LM-13-01	436	436.5	2346.57	0	0.3	2202.44	0
LM-13-01	436.5	437	0	860	0.42	2202.08	0
LM-13-01	437	437.5	2349.26	0	0.37	2205.56	0
LM-13-01	437.5	438	0	0	0.48	2202.24	0
LM-13-01	438	438.5	2344.22	0	0.41	2201.6	0
LM-13-01	438.5	439	2335.91	0	0.69	2203.76	4.17
LM-13-01	439	439.5	2345.46	0	0.57	2202.12	2.92
LM-13-01	439.5	440	2347.18	0	0.54	2204.17	0
LM-13-01	440	440.5	2344.74	0	0.62	2201.32	2.16
LM-13-01	440.5	441	2348.12	0	0.64	2205.22	0
LM-13-01	441	441.5	2350.18	0	1.03	2201.98	0
LM-13-01	441.5	442	2345.7	0	0.62	2203.7	0
LM-13-01	442	442.5	2343.45	0	0.73	2203.18	0
LM-13-01	442.5	443	2345.2	0	0.69	2200.67	0.33
LM-13-01	443	443.5	0	0	0	0	0
LM-13-01	443.5	444	0	0	0.3	2208.89	0
LM-13-01	444	444.5	0	0	0	0	0
LM-13-01	444.5	445	0	0	0	0	0
LM-13-01	445	445.5	0	0	0	0	0
LM-13-01	445.5	446	0	0	0.39	2205.2	0
LM-13-01	446	446.5	2345.89	0	0.62	2201.14	3.77
LM-13-01	446.5	447	0	0	0.35	2198.55	25
LM-13-01	447	447.5	2346.55	879.85	0.76	2199.06	3.21
LM-13-01	447.5	448	0	0	0	0	0
LM-13-01	448	448.5	2337.89	0	1.22	2204.34	0
LM-13-01	448.5	449	0	0	0	0	0
LM-13-01	449	449.5	0	0	0	0	0
LM-13-01	449.5	450	0	0	0	0	0
LM-13-01	450	450.5	0	968	0.12	0	100

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	434	434.5	0	100	0	0	0
LM-13-01	434.5	435	1.88	95.31	2.35	0	2257.88
LM-13-01	435	435.5	0	0	0	0	0
LM-13-01	435.5	436	0	0	0	0	0
LM-13-01	436	436.5	25	75	0	0	0
LM-13-01	436.5	437	0	100	0	0	0
LM-13-01	437	437.5	0	75	25	0	2256.76
LM-13-01	437.5	438	8.43	90.36	1.2	0	2256.55
LM-13-01	438	438.5	23.26	74.42	2.33	0	2257.84
LM-13-01	438.5	439	10.42	83.33	0	2.08	2256.88
LM-13-01	439	439.5	16.67	77.08	3.33	0	2257.13
LM-13-01	439.5	440	9.8	82.45	6.94	0.82	2257.09
LM-13-01	440	440.5	25.22	70.47	1.94	0.22	2256.89
LM-13-01	440.5	441	0	92.86	7.14	0	2257.11
LM-13-01	441	441.5	6.72	92.44	0.84	0	2257.25
LM-13-01	441.5	442	8.06	86.83	4.3	0.81	2258.02
LM-13-01	442	442.5	3.08	95.38	1.54	0	2258.03
LM-13-01	442.5	443	37.58	61.44	0.65	0	2256.48
LM-13-01	443	443.5	0	0	0	0	0
LM-13-01	443.5	444	8.33	41.67	41.67	8.33	0
LM-13-01	444	444.5	0	0	0	0	0
LM-13-01	444.5	445	0	0	0	0	0
LM-13-01	445	445.5	0	0	0	0	0
LM-13-01	445.5	446	0	50	50	0	0
LM-13-01	446	446.5	26.42	67.92	1.89	0	2257.11
LM-13-01	446.5	447	56.25	12.5	6.25	0	2257.03
LM-13-01	447	447.5	57.8	38.99	0	0	2255.87
LM-13-01	447.5	448	0	0	0	0	0
LM-13-01	448	448.5	0	100	0	0	0
LM-13-01	448.5	449	0	0	0	0	0
LM-13-01	449	449.5	0	0	0	0	0
LM-13-01	449.5	450	0	0	0	0	0
LM-13-01	450	450.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	434	434.5	0	0	0	0
LM-13-01	434.5	435	0	0	35.71	64.29
LM-13-01	435	435.5	0	0	0	0
LM-13-01	435.5	436	0	0	0	0
LM-13-01	436	436.5	0	0	0	0
LM-13-01	436.5	437	0	0	0	0
LM-13-01	437	437.5	0	0	70.55	29.45
LM-13-01	437.5	438	0	0	73.51	26.49
LM-13-01	438	438.5	0	0	19.79	80.21
LM-13-01	438.5	439	0	0	56.35	43.65
LM-13-01	439	439.5	0.5	0	44.55	54.95
LM-13-01	439.5	440	0	0.61	52.66	46.73
LM-13-01	440	440.5	0	0.13	60.33	39.53
LM-13-01	440.5	441	0	0	48.88	51.12
LM-13-01	441	441.5	0	0	45.95	54.05
LM-13-01	441.5	442	0	0	30.33	69.67
LM-13-01	442	442.5	0	0	15.38	84.62
LM-13-01	442.5	443	0	0.26	67.85	31.88
LM-13-01	443	443.5	0	0	0	0
LM-13-01	443.5	444	0	0	0	0
LM-13-01	444	444.5	0	0	0	0
LM-13-01	444.5	445	0	0	0	0
LM-13-01	445	445.5	0	0	0	0
LM-13-01	445.5	446	0	0	0	0
LM-13-01	446	446.5	0	0.75	52.99	46.27
LM-13-01	446.5	447	0	0	57.14	42.86
LM-13-01	447	447.5	0.05	0.64	79.86	19.44
LM-13-01	447.5	448	0	0	0	0
LM-13-01	448	448.5	0	0	0	0
LM-13-01	448.5	449	0	0	0	0
LM-13-01	449	449.5	0	0	0	0
LM-13-01	449.5	450	0	0	0	0
LM-13-01	450	450.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-01	450.5	451	18443	11.4	4.92	0	0.01	1.1
LM-13-01	451	451.5	12868	4.45	12.95	0	0.16	0.36
LM-13-01	451.5	452	62245	1.56	3.56	0	0.1	4.68
LM-13-01	452	452.5	45260	1.87	3.21	0	0	3.51
LM-13-02	395	395.5	16563	4.09	39.96	0	0	4.03
LM-13-02	395.5	396	20110	2.77	13.19	0	0	2.83
LM-13-02	396	396.5	1740	2.7	29.71	0	0	0.4
LM-13-02	396.5	397	18330	5.16	29.09	0	0	12.97
LM-13-02	397	397.5	21853	2.48	69.16	0	0	0.79
LM-13-02	397.5	398	11688	5.58	39.45	0	0	1.55
LM-13-02	398	398.5	21773	3.28	51.52	0	0	11.44
LM-13-02	398.5	399	15574	5.72	70.77	0	0	1.66
LM-13-02	399	399.5	10565	2.55	28.11	0	0	3.02
LM-13-02	399.5	400	21903	1.56	14.38	0	0	0.24
LM-13-02	400	400.5	17958	3.87	15.66	0	0	0.47
LM-13-02	400.5	401	14713	0.37	48.45	0	0	21.12
LM-13-02	401	401.5	21854	0.65	66.73	0	0	21.14
LM-13-02	401.5	402	15338	4.01	55.58	0	0	25.88
LM-13-02	402	402.5	14261	1.88	13.21	0	0	8.02
LM-13-02	402.5	403	16479	3.11	14.92	0	0	0.04
LM-13-02	403	403.5	15297	5.56	0.43	0	0	0
LM-13-02	403.5	404	7936	2.02	10.37	0	0	0.03
LM-13-02	404	404.5	17051	2.68	27.54	0	0	0
LM-13-02	404.5	405	11858	1.65	19.69	0	0	0.17
LM-13-02	405	405.5	14410	5.7	40.94	0	0	4.68
LM-13-02	405.5	406	13736	2.21	36.39	0	0	34.17
LM-13-02	406	406.5	16445	1.12	51.05	0	0	33.29
LM-13-02	406.5	407	17052	5.67	66.26	0	0	0.58
LM-13-02	407	407.5	6086	4.52	28.39	0	0	3.3
LM-13-02	407.5	408	16886	6.38	41.92	0	0	6.06
LM-13-02	408	408.5	17003	2.47	48.19	0	0	1.8
LM-13-02	408.5	409	7831	3.06	17.28	0	0	0
LM-13-02	409	409.5	8451	4.12	35.07	0	0	0.34

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-01	450.5	451	1.95	0	0	0	0	0
LM-13-01	451	451.5	2.67	0.01	0	0	0	0
LM-13-01	451.5	452	3.23	0.06	0.01	0	0	0
LM-13-01	452	452.5	1.56	0	0	0	0	0.01
LM-13-02	395	395.5	0	0	0	0	0	0
LM-13-02	395.5	396	0	0	0	0	0	0
LM-13-02	396	396.5	0	0	0	0	0	0
LM-13-02	396.5	397	0	0.75	0.01	0	0	0
LM-13-02	397	397.5	0	0	0	0	0	0
LM-13-02	397.5	398	0	0	0	0	0	0
LM-13-02	398	398.5	0	0.01	0	0	0	0
LM-13-02	398.5	399	0	0.03	0.01	0	0	0
LM-13-02	399	399.5	0	0	0	0	0	0
LM-13-02	399.5	400	0	0.07	0	0	0	0
LM-13-02	400	400.5	0	0	0	0	1.16	0.84
LM-13-02	400.5	401	0	0	0	0	0	0
LM-13-02	401	401.5	0	0	0	0	0	0
LM-13-02	401.5	402	0.23	0	0	0	0	0
LM-13-02	402	402.5	0.17	0	0.04	0	0	0
LM-13-02	402.5	403	0	0	0	0	0	0
LM-13-02	403	403.5	0	0	0	0	0	0
LM-13-02	403.5	404	0	0	0	0	0	0
LM-13-02	404	404.5	0.06	0	0	0	0	0
LM-13-02	404.5	405	0	0	0	0	0	0
LM-13-02	405	405.5	0	0	0	0	0	0
LM-13-02	405.5	406	0	0	0	0	0	0
LM-13-02	406	406.5	0.01	0	0	0	0.09	0.09
LM-13-02	406.5	407	0	0	0	0	0	0
LM-13-02	407	407.5	0	0	0.02	0	0	0
LM-13-02	407.5	408	0	0	0	0	0	0.01
LM-13-02	408	408.5	0	0	0	0	0	0
LM-13-02	408.5	409	0	0	0	0	0	0
LM-13-02	409	409.5	0.01	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-01	450.5	451	0	0	0	0	11.69
LM-13-01	451	451.5	0	0	0	0	16.99
LM-13-01	451.5	452	0	0	0	3.11	13.16
LM-13-01	452	452.5	0	0	0	0	18.04
LM-13-02	395	395.5	0	0	0	0	13.57
LM-13-02	395.5	396	0	0	0	0	1.24
LM-13-02	396	396.5	0	0	0	0	0.06
LM-13-02	396.5	397	0	0	0	0	4.32
LM-13-02	397	397.5	0.01	0	0	0.07	13.64
LM-13-02	397.5	398	0	0	0	0	9.37
LM-13-02	398	398.5	0.02	0	0	0.71	6.84
LM-13-02	398.5	399	0	0	0	0.06	2.14
LM-13-02	399	399.5	0	0	0	0	0.7
LM-13-02	399.5	400	0	0	0	0.07	0.88
LM-13-02	400	400.5	0	0	0	0.97	9.82
LM-13-02	400.5	401	0	0	0	0	0.19
LM-13-02	401	401.5	0	0	0	0	1.72
LM-13-02	401.5	402	0	0	0	0	3.05
LM-13-02	402	402.5	0	0	0	0	31.69
LM-13-02	402.5	403	0	0	0	0	11.75
LM-13-02	403	403.5	0	0	0	0	0.04
LM-13-02	403.5	404	0	0	0	0	0.38
LM-13-02	404	404.5	0	0	0	0	3.45
LM-13-02	404.5	405	0	0	0	0	0
LM-13-02	405	405.5	0	0	0	0	0.07
LM-13-02	405.5	406	0	0	0	0	0.38
LM-13-02	406	406.5	0	0	0	0.18	2.04
LM-13-02	406.5	407	0	0	0	0	0
LM-13-02	407	407.5	0	0	0	0	2.68
LM-13-02	407.5	408	0	0	0	0	0.43
LM-13-02	408	408.5	0	0	0	0	0.3
LM-13-02	408.5	409	0	0	0	0	0.15
LM-13-02	409	409.5	0	0	0	0	0.35

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-01	450.5	451	52.07	0.76	0.21	0	0
LM-13-01	451	451.5	33.09	0.26	0	0	0
LM-13-01	451.5	452	53.16	0.82	0.01	0.01	0
LM-13-01	452	452.5	50.48	0.79	0.01	0	0
LM-13-02	395	395.5	25.18	0.01	0	0	0
LM-13-02	395.5	396	66.55	0	0	0	0
LM-13-02	396	396.5	34.71	0	0	0	0
LM-13-02	396.5	397	37.91	0.65	0.04	0.03	0
LM-13-02	397	397.5	14.21	0.18	0	0	0
LM-13-02	397.5	398	35.57	0.04	0	0	0
LM-13-02	398	398.5	22.79	0.08	0	0	0
LM-13-02	398.5	399	18.68	1.01	0	0	0
LM-13-02	399	399.5	55.1	0	0	0	0
LM-13-02	399.5	400	82.39	0.22	0	0	0
LM-13-02	400	400.5	65.06	0	0.01	0	0
LM-13-02	400.5	401	10.28	0.01	0	0.01	0
LM-13-02	401	401.5	2.8	0.07	0.01	0	0
LM-13-02	401.5	402	7.3	1.34	0	0	0
LM-13-02	402	402.5	10.01	1.96	1.49	0	0
LM-13-02	402.5	403	41.57	0	0	0	0
LM-13-02	403	403.5	80.7	0	0	0	0
LM-13-02	403.5	404	49.23	0	0	0	0
LM-13-02	404	404.5	65.91	0.15	0.32	0	0
LM-13-02	404.5	405	71.72	0	0	0	0
LM-13-02	405	405.5	47.27	0	0	0	0
LM-13-02	405.5	406	15.45	0	0	0.02	0
LM-13-02	406	406.5	3.77	0.09	0.18	0.01	0
LM-13-02	406.5	407	27.57	0	0	0	0
LM-13-02	407	407.5	43.64	0	0	0	0
LM-13-02	407.5	408	42.15	0.02	0	0	0
LM-13-02	408	408.5	46.46	0.04	0	0	0
LM-13-02	408.5	409	63.41	0	0	0	0
LM-13-02	409	409.5	60.44	0	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-01	450.5	451	0	0	0	0	0
LM-13-01	451	451.5	2345.82	0	0	0	0
LM-13-01	451.5	452	2339.77	0	0.29	2205.86	0
LM-13-01	452	452.5	0	925	0	0	0
LM-13-02	395	395.5	0	0	0	0	0
LM-13-02	395.5	396	0	0	0	0	0
LM-13-02	396	396.5	0	0	0	0	0
LM-13-02	396.5	397	0	0	0.18	2209.37	0
LM-13-02	397	397.5	0	0	0	0	0
LM-13-02	397.5	398	0	0	0	0	0
LM-13-02	398	398.5	0	936.83	0	0	0
LM-13-02	398.5	399	0	0	0	0	0
LM-13-02	399	399.5	0	0	0	0	0
LM-13-02	399.5	400	0	936	0	0	0
LM-13-02	400	400.5	0	887.69	0	0	0
LM-13-02	400.5	401	0	0	0.38	2221.71	0
LM-13-02	401	401.5	0	0	0	0	0
LM-13-02	401.5	402	0	0	0	0	0
LM-13-02	402	402.5	0	0	0	0	0
LM-13-02	402.5	403	0	0	0	0	0
LM-13-02	403	403.5	0	0	0	0	0
LM-13-02	403.5	404	0	0	0	0	0
LM-13-02	404	404.5	0	0	0	0	0
LM-13-02	404.5	405	0	0	0	0	0
LM-13-02	405	405.5	0	0	0	0	0
LM-13-02	405.5	406	0	0	0.29	2210.9	0
LM-13-02	406	406.5	0	897.16	0.24	2200.25	0
LM-13-02	406.5	407	0	0	0	0	0
LM-13-02	407	407.5	0	0	0	0	0
LM-13-02	407.5	408	0	0	0	0	0
LM-13-02	408	408.5	0	0	0	0	0
LM-13-02	408.5	409	0	0	0	0	0
LM-13-02	409	409.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-01	450.5	451	0	0	0	0	0
LM-13-01	451	451.5	0	0	0	0	0
LM-13-01	451.5	452	0	71.43	28.57	0	2257.89
LM-13-01	452	452.5	0	0	0	0	0
LM-13-02	395	395.5	0	0	0	0	0
LM-13-02	395.5	396	0	0	0	0	0
LM-13-02	396	396.5	0	0	0	0	0
LM-13-02	396.5	397	0	25	50	25	2253.8
LM-13-02	397	397.5	0	0	0	0	0
LM-13-02	397.5	398	0	0	0	0	0
LM-13-02	398	398.5	0	0	0	0	2252.95
LM-13-02	398.5	399	0	0	0	0	2252.36
LM-13-02	399	399.5	0	0	0	0	0
LM-13-02	399.5	400	0	0	0	0	2250.68
LM-13-02	400	400.5	0	0	0	0	0
LM-13-02	400.5	401	0	0	0	100	0
LM-13-02	401	401.5	0	0	0	0	0
LM-13-02	401.5	402	0	0	0	0	0
LM-13-02	402	402.5	0	0	0	0	0
LM-13-02	402.5	403	0	0	0	0	0
LM-13-02	403	403.5	0	0	0	0	0
LM-13-02	403.5	404	0	0	0	0	0
LM-13-02	404	404.5	0	0	0	0	0
LM-13-02	404.5	405	0	0	0	0	0
LM-13-02	405	405.5	0	0	0	0	0
LM-13-02	405.5	406	0	0	100	0	0
LM-13-02	406	406.5	0	100	0	0	0
LM-13-02	406.5	407	0	0	0	0	0
LM-13-02	407	407.5	0	0	0	0	0
LM-13-02	407.5	408	0	0	0	0	0
LM-13-02	408	408.5	0	0	0	0	0
LM-13-02	408.5	409	0	0	0	0	0
LM-13-02	409	409.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-01	450.5	451	0	0	0	0
LM-13-01	451	451.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-01	451.5	452	0	0	30.56	69.44
LM-13-01	452	452.5	0	0	0	0
LM-13-02	395	395.5	0	0	0	0
LM-13-02	395.5	396	0	0	0	0
LM-13-02	396	396.5	0	0	0	0
LM-13-02	396.5	397	0	13.71	66.13	20.16
LM-13-02	397	397.5	0	0	0	0
LM-13-02	397.5	398	0	0	0	0
LM-13-02	398	398.5	0	0	100	0
LM-13-02	398.5	399	0	0	100	0
LM-13-02	399	399.5	0	0	0	0
LM-13-02	399.5	400	0	25	75	0
LM-13-02	400	400.5	0	0	0	0
LM-13-02	400.5	401	0	0	0	0
LM-13-02	401	401.5	0	0	0	0
LM-13-02	401.5	402	0	0	0	0
LM-13-02	402	402.5	0	0	0	0
LM-13-02	402.5	403	0	0	0	0
LM-13-02	403	403.5	0	0	0	0
LM-13-02	403.5	404	0	0	0	0
LM-13-02	404	404.5	0	0	0	0
LM-13-02	404.5	405	0	0	0	0
LM-13-02	405	405.5	0	0	0	0
LM-13-02	405.5	406	0	0	0	0
LM-13-02	406	406.5	0	0	0	0
LM-13-02	406.5	407	0	0	0	0
LM-13-02	407	407.5	0	0	0	0
LM-13-02	407.5	408	0	0	0	0
LM-13-02	408	408.5	0	0	0	0
LM-13-02	408.5	409	0	0	0	0
LM-13-02	409	409.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-02	409.5	410	16988	2.07	42.95	0	0	4.21
LM-13-02	410	410.5	16467	3.79	24.7	0	0	0.05
LM-13-02	410.5	411	8472	1.77	5.15	0	0	0
LM-13-02	411	411.5	15269	1	25.74	0	0	11.59
LM-13-02	411.5	412	18032	2.91	41.4	0	0	4.06
LM-13-02	412	412.5	16297	3.12	32.71	0	0	17.9
LM-13-02	412.5	413	9491	5.03	16.45	0	0.04	18.72
LM-13-02	413	413.5	17452	7.26	26.32	0	0	14.2
LM-13-02	413.5	414	17878	4.88	44.81	0	0	1.17
LM-13-02	414	414.5	10825	2.44	28.57	0	0	6.58
LM-13-02	414.5	415	18032	1.97	47.64	0	0	6.64
LM-13-02	415	415.5	17983	1.28	36.74	0	0	11.31
LM-13-02	415.5	416	16608	3.17	29.89	0	0	37.51
LM-13-02	416	416.5	12180	2.54	51.59	0	0	23.57
LM-13-02	416.5	417	17593	10.09	55.27	0	0	17.47
LM-13-02	417	417.5	17374	2.12	48.07	0	0	2.37
LM-13-02	417.5	418	12141	2.64	45.31	0	0	1.33
LM-13-02	418	418.5	17953	3.7	8.38	0	0	2.47
LM-13-02	418.5	419	17927	4.77	46.04	0	0	4.78
LM-13-02	419	419.5	3624	5.41	9.08	0	0	0
LM-13-02	419.5	420	14725	1.01	48.73	0	0	16.18
LM-13-02	420	420.5	16121	0.81	36.54	0	0	32.17
LM-13-02	420.5	421	16121	0.78	33.7	0	0	18.09
LM-13-02	421	421.5	9401	0.12	26.57	0	0	38.2
LM-13-02	421.5	422	15646	19.16	37.5	0	0	1.8
LM-13-02	422	422.5	15782	4.21	48.53	0	0	25.9
LM-13-02	422.5	423	15698	3.74	31.16	0	0.03	35.1
LM-13-02	423	423.5	10540	2.25	83.68	0	0	4.6
LM-13-02	423.5	424	15145	2.77	14.31	0	0	4.73
LM-13-02	424	424.5	16121	1.04	33.55	0	0	41.34
LM-13-02	424.5	425	16121	0.83	42.35	0	0	38.56
LM-13-02	425	425.5	12160	3.64	45.64	0	0	8.58
LM-13-02	425.5	426	16119	2.31	30.03	0	0	2.46

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-02	409.5	410	0.01	0	0	0	0.01	0
LM-13-02	410	410.5	0	0	0	0	0	0
LM-13-02	410.5	411	0	0	0	0	0	0
LM-13-02	411	411.5	0	0	0	0	0	0
LM-13-02	411.5	412	0	0	0	0	0	0
LM-13-02	412	412.5	0	0	0	0	0	0
LM-13-02	412.5	413	2.02	0.02	0	0	0.11	0
LM-13-02	413	413.5	0.32	0	0	0	0	0.11
LM-13-02	413.5	414	0.21	0	0	0	0	0
LM-13-02	414	414.5	0.01	0	0	0	0	0
LM-13-02	414.5	415	0	0	0	0	0	0
LM-13-02	415	415.5	0	0.04	0	0	0	0
LM-13-02	415.5	416	0	0	0	0	0	0
LM-13-02	416	416.5	0	0	0	0	0	0
LM-13-02	416.5	417	0	0	0	0	0	0
LM-13-02	417	417.5	0	0.02	0	0	0	0
LM-13-02	417.5	418	0	0	0	0	0	0
LM-13-02	418	418.5	0.12	0	0	0	0	0.01
LM-13-02	418.5	419	0	0	0	0	0	0
LM-13-02	419	419.5	0	0	0	0	0	0
LM-13-02	419.5	420	0	0	0	0	0	0
LM-13-02	420	420.5	0	0	0	0	0	0
LM-13-02	420.5	421	0	0	0	0	0	0
LM-13-02	421	421.5	0	0	0	0	0	0
LM-13-02	421.5	422	0	0	0	0	0	0
LM-13-02	422	422.5	0.19	0	0	0	0	0
LM-13-02	422.5	423	0.25	0	0	0	0	0
LM-13-02	423	423.5	0	0	0	0	0	0
LM-13-02	423.5	424	0.01	0	0	0	0	0
LM-13-02	424	424.5	0	0	0	0	0	0
LM-13-02	424.5	425	0	0	0	0	0	0
LM-13-02	425	425.5	0	0	0	0	0	0
LM-13-02	425.5	426	0.02	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-02	409.5	410	0	0	0	0	2.88
LM-13-02	410	410.5	0	1.14	0	0.01	0.32
LM-13-02	410.5	411	0	0	0	0	0.01
LM-13-02	411	411.5	0	0	0	0	0.05
LM-13-02	411.5	412	0	0	0	0	0.92
LM-13-02	412	412.5	0	0	0	0	1.96
LM-13-02	412.5	413	0	0.01	0	0	17.08
LM-13-02	413	413.5	0	0	0	0	26.87
LM-13-02	413.5	414	0	0	0	0	2.91
LM-13-02	414	414.5	0	0	0	0	2.54
LM-13-02	414.5	415	0	0	0	0	0.09
LM-13-02	415	415.5	0	0	0	0	0.03
LM-13-02	415.5	416	0.01	0	0	0	0.99
LM-13-02	416	416.5	0	0	0	0	0.19
LM-13-02	416.5	417	0	0	0	0	1.85
LM-13-02	417	417.5	0	0	0	0	6.38
LM-13-02	417.5	418	0	0	0	0	2.77
LM-13-02	418	418.5	0	0	0	0	6.12
LM-13-02	418.5	419	0	0	0	0	0.01
LM-13-02	419	419.5	0	0	0	0	0
LM-13-02	419.5	420	0	0	0	0	0
LM-13-02	420	420.5	0	0	0	0	0.03
LM-13-02	420.5	421	0	0	0	0	0.01
LM-13-02	421	421.5	0	0	0	0	0
LM-13-02	421.5	422	0	0	0	0	0.08
LM-13-02	422	422.5	0	0	0	0	5.06
LM-13-02	422.5	423	0	0	0	0	9.56
LM-13-02	423	423.5	0	0	0	0	1.12
LM-13-02	423.5	424	0	0	0	0	0.16
LM-13-02	424	424.5	0	0	0	0	0.58
LM-13-02	424.5	425	0	0	0	0	0.91
LM-13-02	425	425.5	0	0	0	0	1.64
LM-13-02	425.5	426	0	0	0	0	1.15

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-02	409.5	410	45.53	0.41	0.08	0	0
LM-13-02	410	410.5	70.18	0.01	0	0.05	0.05
LM-13-02	410.5	411	93.07	0	0	0	0
LM-13-02	411	411.5	47.46	0	0	0	0
LM-13-02	411.5	412	49.13	0	0	0	0
LM-13-02	412	412.5	34.99	0.77	0	0	0
LM-13-02	412.5	413	23.49	9.48	0.5	0.42	0
LM-13-02	413	413.5	23.02	3.6	0.25	0.01	0
LM-13-02	413.5	414	45.49	0.75	0.38	0	0
LM-13-02	414	414.5	54.54	0.18	0.06	0	0
LM-13-02	414.5	415	41.44	0.09	0	0	0
LM-13-02	415	415.5	47.53	1.32	0	0	0
LM-13-02	415.5	416	23.41	0.05	0	0.04	0
LM-13-02	416	416.5	10.3	0	0	0	0
LM-13-02	416.5	417	9.27	0	0.01	0	0
LM-13-02	417	417.5	40.73	0	0.02	0.05	0
LM-13-02	417.5	418	39.56	0	0	0	0
LM-13-02	418	418.5	78.35	0.41	0.96	0	0
LM-13-02	418.5	419	42.03	0	0	0	0
LM-13-02	419	419.5	49.23	0	0	0	0
LM-13-02	419.5	420	27.1	0	0	0	0
LM-13-02	420	420.5	21.01	0	0	0	0
LM-13-02	420.5	421	43.86	0	0	0.01	0
LM-13-02	421	421.5	3.13	0	0	0.01	0
LM-13-02	421.5	422	37.41	0	0	0	0
LM-13-02	422	422.5	6.98	2.55	0.85	0	0
LM-13-02	422.5	423	13.03	4.9	0.22	0.02	0
LM-13-02	423	423.5	5.8	0.06	0	0	0
LM-13-02	423.5	424	76.44	0.01	0	0.01	0
LM-13-02	424	424.5	12.3	0.7	0.02	0	0
LM-13-02	424.5	425	8.08	0.01	0	0	0
LM-13-02	425	425.5	28.35	0.04	0	0	0
LM-13-02	425.5	426	63.32	0.06	0.06	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-02	409.5	410	0	0	0	0	0
LM-13-02	410	410.5	0	0	0.95	2206.36	0
LM-13-02	410.5	411	0	0	0	0	0
LM-13-02	411	411.5	0	0	0	0	0
LM-13-02	411.5	412	0	0	0	0	0
LM-13-02	412	412.5	0	0	0	0	0
LM-13-02	412.5	413	2340	966.54	0.34	2214.61	0
LM-13-02	413	413.5	0	926	0	0	#DIV/0!
LM-13-02	413.5	414	0	0	0	0	0
LM-13-02	414	414.5	0	0	0	0	0
LM-13-02	414.5	415	0	0	0	0	0
LM-13-02	415	415.5	0	0	0	0	0
LM-13-02	415.5	416	0	0	0.33	2211.28	0
LM-13-02	416	416.5	0	0	0	0	0
LM-13-02	416.5	417	0	0	0	0	0
LM-13-02	417	417.5	0	0	0.45	2212.88	0
LM-13-02	417.5	418	0	0	0	0	0
LM-13-02	418	418.5	0	0	0	0	0
LM-13-02	418.5	419	0	0	0	0	0
LM-13-02	419	419.5	0	0	0	0	0
LM-13-02	419.5	420	0	0	0	0	0
LM-13-02	420	420.5	0	0	0	0	0
LM-13-02	420.5	421	0	0	0	0	#DIV/0!
LM-13-02	421	421.5	0	0	0.23	2212.85	0
LM-13-02	421.5	422	0	0	0	0	0
LM-13-02	422	422.5	0	0	0	0	0
LM-13-02	422.5	423	2346.68	0	0.33	2212.23	0
LM-13-02	423	423.5	0	0	0	0	0
LM-13-02	423.5	424	0	0	0	0	#DIV/0!
LM-13-02	424	424.5	0	0	0	0	0
LM-13-02	424.5	425	0	0	0	0	0
LM-13-02	425	425.5	0	0	0	0	0
LM-13-02	425.5	426	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-02	409.5	410	0	0	0	0	0
LM-13-02	410	410.5	0	100	0	0	0
LM-13-02	410.5	411	0	0	0	0	0
LM-13-02	411	411.5	0	0	0	0	0
LM-13-02	411.5	412	0	0	0	0	0
LM-13-02	412	412.5	0	0	0	0	0
LM-13-02	412.5	413	2.86	2.86	57.14	37.14	2260.43
LM-13-02	413	413.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-02	413.5	414	0	0	0	0	0
LM-13-02	414	414.5	0	0	0	0	0
LM-13-02	414.5	415	0	0	0	0	0
LM-13-02	415	415.5	0	0	0	0	2257.79
LM-13-02	415.5	416	0	0	100	0	0
LM-13-02	416	416.5	0	0	0	0	0
LM-13-02	416.5	417	0	0	0	0	0
LM-13-02	417	417.5	0	0	100	0	0
LM-13-02	417.5	418	0	0	0	0	0
LM-13-02	418	418.5	0	0	0	0	0
LM-13-02	418.5	419	0	0	0	0	0
LM-13-02	419	419.5	0	0	0	0	0
LM-13-02	419.5	420	0	0	0	0	0
LM-13-02	420	420.5	0	0	0	0	0
LM-13-02	420.5	421	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-02	421	421.5	0	0	100	0	0
LM-13-02	421.5	422	0	0	0	0	0
LM-13-02	422	422.5	0	0	0	0	0
LM-13-02	422.5	423	0	0	100	0	0
LM-13-02	423	423.5	0	0	0	0	0
LM-13-02	423.5	424	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-02	424	424.5	0	0	0	0	0
LM-13-02	424.5	425	0	0	0	0	0
LM-13-02	425	425.5	0	0	0	0	0
LM-13-02	425.5	426	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-02	409.5	410	0	0	0	0
LM-13-02	410	410.5	0	0	0	0
LM-13-02	410.5	411	0	0	0	0
LM-13-02	411	411.5	0	0	0	0
LM-13-02	411.5	412	0	0	0	0
LM-13-02	412	412.5	0	0	0	0
LM-13-02	412.5	413	0	0	0	100
LM-13-02	413	413.5	0	0	0	0
LM-13-02	413.5	414	0	0	0	0
LM-13-02	414	414.5	0	0	0	0
LM-13-02	414.5	415	0	0	0	0
LM-13-02	415	415.5	0	0	57.14	42.86
LM-13-02	415.5	416	0	0	0	0
LM-13-02	416	416.5	0	0	0	0
LM-13-02	416.5	417	0	0	0	0
LM-13-02	417	417.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-02	417.5	418	0	0	0	0
LM-13-02	418	418.5	0	0	0	0
LM-13-02	418.5	419	0	0	0	0
LM-13-02	419	419.5	0	0	0	0
LM-13-02	419.5	420	0	0	0	0
LM-13-02	420	420.5	0	0	0	0
LM-13-02	420.5	421	0	0	0	0
LM-13-02	421	421.5	0	0	0	0
LM-13-02	421.5	422	0	0	0	0
LM-13-02	422	422.5	0	0	0	0
LM-13-02	422.5	423	0	0	0	0
LM-13-02	423	423.5	0	0	0	0
LM-13-02	423.5	424	0	0	0	0
LM-13-02	424	424.5	0	0	0	0
LM-13-02	424.5	425	0	0	0	0
LM-13-02	425	425.5	0	0	0	0
LM-13-02	425.5	426	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	spectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-02	426	426.5	15066	2.67	29.21	0	0	1.94
LM-13-02	426.5	427	14988	1.27	17.03	0	0	7.39
LM-13-02	427	427.5	11011	17.4	29.19	0	0	24.18
LM-13-02	427.5	428	15053	9.59	45.42	0	0	15.19
LM-13-02	428	428.5	13628	10.68	34.05	0	0	30.64
LM-13-02	428.5	429	14579	4.19	39.2	0	0	15.43
LM-13-02	429	429.5	14909	0.58	15.96	0	0	46.25
LM-13-02	429.5	430	15755	0.87	15.53	0	0	14.15
LM-13-02	430	430.5	12581	1.21	18.45	0	0	1.02
LM-13-02	430.5	431	4503	0.89	67.31	0	0	3.78
LM-13-02	431	431.5	17052	3.64	65.43	0	0	11.07
LM-13-02	431.5	432	16675	4.43	60.08	0	0	0.65
LM-13-02	432	432.5	17003	1.14	61.19	0	0	10.23
LM-13-02	432.5	433	10936	0.56	60.09	0	0	13.07
LM-13-02	433	433.5	17003	3.49	79.89	0	0	2.55
LM-13-02	433.5	434	17052	3.48	49.58	0	0	27.29
LM-13-02	434	434.5	10744	1.2	57.4	0	0	11.18
LM-13-02	434.5	435	16608	0.92	46.68	0	0	27.68
LM-13-02	435	435.5	17003	1.06	66.19	0	0.08	8.72
LM-13-02	435.5	436	16854	0.66	40.57	0	0	20.97
LM-13-02	436	436.5	8612	4.3	40.69	0	0	2.9
LM-13-02	436.5	437	17003	0.38	19.75	0	0	66.09
LM-13-02	437	437.5	16876	9.52	42.88	0	0	6.96
LM-13-02	437.5	438	11165	1.64	33.63	0	0	4.56
LM-13-02	438	438.5	15917	2.11	20.2	0	0	0
LM-13-02	438.5	439	19518	3.07	24.55	0	0	1.02
LM-13-02	439	439.5	15833	0.51	39.49	0	0	19.98
LM-13-02	439.5	440	11011	1.85	21.3	0	0	48.57
LM-13-02	440	440.5	19255	0.51	22.67	0	0	51.76
LM-13-02	440.5	441	15203	1.34	45.15	0	0	1.03
LM-13-02	441	441.5	17506	3.54	22.55	0	0	1.55
LM-13-02	441.5	442	20374	3.38	46.6	0	0	14.85
LM-13-02	442	442.5	7680	2.08	26.86	0	0	15.26

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-02	426	426.5	0	0	0	0	0	0
LM-13-02	426.5	427	0	0	0	0	0	0
LM-13-02	427	427.5	0	0	0	0	0	0
LM-13-02	427.5	428	0	0	0	0	0	0
LM-13-02	428	428.5	0	0	0	0	0	0
LM-13-02	428.5	429	0	0	0	0	0	0
LM-13-02	429	429.5	0	0	0	0	0	0
LM-13-02	429.5	430	0	0	0	0	0	0
LM-13-02	430	430.5	0	0	0	0	0	0
LM-13-02	430.5	431	0	0	0	0	0	0
LM-13-02	431	431.5	0	0	0	0	0	0
LM-13-02	431.5	432	0	0	0	0	0	0
LM-13-02	432	432.5	0	0	0	0	0	0
LM-13-02	432.5	433	0.09	0	0	0	0	0
LM-13-02	433	433.5	0	0	0	0	0	0
LM-13-02	433.5	434	0	0	0	0	0	0
LM-13-02	434	434.5	0	0	0	0	0	0
LM-13-02	434.5	435	0	0	0	0	0	0
LM-13-02	435	435.5	0.69	0	0	0	0	0
LM-13-02	435.5	436	0	0	0	0	0	0
LM-13-02	436	436.5	0.08	0	0	0	0	0
LM-13-02	436.5	437	0.01	0	0	0	0	0
LM-13-02	437	437.5	0.27	0	0	0	0	0
LM-13-02	437.5	438	0.18	0	0	0	0	0
LM-13-02	438	438.5	0	0	0	0	0	0
LM-13-02	438.5	439	0	0	0	0	0	0
LM-13-02	439	439.5	0	0	0	0	0	0
LM-13-02	439.5	440	0	0	0	0	0	0
LM-13-02	440	440.5	0	0	0	0	0	0
LM-13-02	440.5	441	0.01	0	0	0	0	0
LM-13-02	441	441.5	0.03	0	0	0	0	0
LM-13-02	441.5	442	0	0	0	0	0	0
LM-13-02	442	442.5	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-02	426	426.5	0	0	0	0	2.64
LM-13-02	426.5	427	0	0	0	0	0.14
LM-13-02	427	427.5	0	0	0	0	0
LM-13-02	427.5	428	0	0	0	0	3.79
LM-13-02	428	428.5	5.58	0.01	0	0.33	1.93
LM-13-02	428.5	429	0	0	0	0	0.16
LM-13-02	429	429.5	0	0	0	0	0.05
LM-13-02	429.5	430	0	0	0	0	0
LM-13-02	430	430.5	0	0	0	0	0.69
LM-13-02	430.5	431	0	0	0	0	0.93
LM-13-02	431	431.5	0	0	0	0	0.3
LM-13-02	431.5	432	0	0	0	0	0.49
LM-13-02	432	432.5	0	0	0	0	0
LM-13-02	432.5	433	0	0	0	0	2.04
LM-13-02	433	433.5	0	0	0	0	1.25
LM-13-02	433.5	434	0	0	0	0	4.78
LM-13-02	434	434.5	0.01	0	0	0	0.38
LM-13-02	434.5	435	0	0	0	0	0.05
LM-13-02	435	435.5	0	0	0	0.01	1.3
LM-13-02	435.5	436	0	0	0	0	0.19
LM-13-02	436	436.5	0	0	0	0	1.11
LM-13-02	436.5	437	0	0.02	0	0	0.19
LM-13-02	437	437.5	0	0	0	0	20.75
LM-13-02	437.5	438	0	0	0	0	46.01
LM-13-02	438	438.5	0	0	0	0	0.29
LM-13-02	438.5	439	0	0	0	0	0.3
LM-13-02	439	439.5	0	0	0	0	0.22
LM-13-02	439.5	440	0	0	0	0	0
LM-13-02	440	440.5	0	0.02	0	0	3.75
LM-13-02	440.5	441	0	0	0	0	1.33
LM-13-02	441	441.5	0	0	0	0	0.36
LM-13-02	441.5	442	0	0	0	0	0
LM-13-02	442	442.5	0	0	0	0	0

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-02	426	426.5	62.85	0.03	0	0	0
LM-13-02	426.5	427	72.51	0	0	0	0
LM-13-02	427	427.5	20.13	0	0	0	0
LM-13-02	427.5	428	15.57	0	0	0	0
LM-13-02	428	428.5	8.54	0.15	0.21	0.07	0
LM-13-02	428.5	429	38.2	0	0	0.03	0
LM-13-02	429	429.5	30.16	0	0	0.03	0
LM-13-02	429.5	430	66.47	0	0	0.02	0
LM-13-02	430	430.5	54.88	0	0	0	0
LM-13-02	430.5	431	0.87	0	0	0	0
LM-13-02	431	431.5	17.08	0.33	0	0	0
LM-13-02	431.5	432	33.86	0	0	0	0
LM-13-02	432	432.5	23.79	0	0	0	0
LM-13-02	432.5	433	15.63	0.42	0.13	0	0
LM-13-02	433	433.5	11.6	0.06	0	0	0
LM-13-02	433.5	434	5.23	0.17	0	0	0
LM-13-02	434	434.5	19.75	0	0	0	0
LM-13-02	434.5	435	19.88	0	0	0.02	0
LM-13-02	435	435.5	17.97	0.6	0.01	0	0
LM-13-02	435.5	436	29.6	0	0	0.05	0
LM-13-02	436	436.5	39.84	0.15	0.16	0	0
LM-13-02	436.5	437	7.4	0.02	0	2.16	0.02
LM-13-02	437	437.5	14.67	3.79	0.02	0	0
LM-13-02	437.5	438	14.6	0.17	0.1	0	0
LM-13-02	438	438.5	65.9	0	0	0	0
LM-13-02	438.5	439	67.78	0	0	0	0
LM-13-02	439	439.5	19.09	0	0	0	0
LM-13-02	439.5	440	17.09	0.64	0	0.04	0
LM-13-02	440	440.5	14.56	0.15	0.01	0	0
LM-13-02	440.5	441	50.73	0.01	0	0	0
LM-13-02	441	441.5	64.69	0.1	0.01	0	0
LM-13-02	441.5	442	29.46	0	0	0	0
LM-13-02	442	442.5	28.52	0	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-02	426	426.5	0	0	0	0	0
LM-13-02	426.5	427	0	0	0	0	0
LM-13-02	427	427.5	0	0	0	0	0
LM-13-02	427.5	428	0	0	0	0	0
LM-13-02	428	428.5	0	0	0.45	2209.28	0
LM-13-02	428.5	429	0	0	0.33	2213.3	0
LM-13-02	429	429.5	0	0	0.22	2214.68	0
LM-13-02	429.5	430	0	0	0.33	2212.03	0
LM-13-02	430	430.5	0	0	0	0	0
LM-13-02	430.5	431	0	0	0	0	0
LM-13-02	431	431.5	0	0	0	0	0
LM-13-02	431.5	432	0	0	0	0	0
LM-13-02	432	432.5	0	0	0	0	0
LM-13-02	432.5	433	0	0	0	0	0
LM-13-02	433	433.5	0	0	0	0	0
LM-13-02	433.5	434	0	0	0	0	0
LM-13-02	434	434.5	0	0	0	0	0
LM-13-02	434.5	435	0	0	0.23	2217.81	0
LM-13-02	435	435.5	2347.36	0	0	0	0
LM-13-02	435.5	436	0	0	0.21	2210.69	0
LM-13-02	436	436.5	0	0	0	0	0
LM-13-02	436.5	437	0	0	0.35	2208.74	0
LM-13-02	437	437.5	0	0	0	0	0
LM-13-02	437.5	438	0	0	0	0	0
LM-13-02	438	438.5	0	0	0	0	0
LM-13-02	438.5	439	0	0	0	0	0
LM-13-02	439	439.5	0	0	0	0	0
LM-13-02	439.5	440	0	0	0	0	#DIV/0!
LM-13-02	440	440.5	0	0	0	0	0
LM-13-02	440.5	441	0	0	0	0	0
LM-13-02	441	441.5	0	0	0	0	0
LM-13-02	441.5	442	0	0	0	0	0
LM-13-02	442	442.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-02	426	426.5	0	0	0	0	0
LM-13-02	426.5	427	0	0	0	0	0
LM-13-02	427	427.5	0	0	0	0	0
LM-13-02	427.5	428	0	0	0	0	0
LM-13-02	428	428.5	0	11.11	88.89	0	0
LM-13-02	428.5	429	0	0	100	0	0
LM-13-02	429	429.5	0	0	66.67	33.33	0
LM-13-02	429.5	430	0	0	100	0	0
LM-13-02	430	430.5	0	0	0	0	0
LM-13-02	430.5	431	0	0	0	0	0
LM-13-02	431	431.5	0	0	0	0	0
LM-13-02	431.5	432	0	0	0	0	0
LM-13-02	432	432.5	0	0	0	0	0
LM-13-02	432.5	433	0	0	0	0	0
LM-13-02	433	433.5	0	0	0	0	0
LM-13-02	433.5	434	0	0	0	0	0
LM-13-02	434	434.5	0	0	0	0	0
LM-13-02	434.5	435	0	0	0	100	0
LM-13-02	435	435.5	0	0	0	0	0
LM-13-02	435.5	436	0	11.11	88.89	0	0
LM-13-02	436	436.5	0	0	0	0	0
LM-13-02	436.5	437	0.83	35.91	62.15	1.1	0
LM-13-02	437	437.5	0	0	0	0	0
LM-13-02	437.5	438	0	0	0	0	0
LM-13-02	438	438.5	0	0	0	0	0
LM-13-02	438.5	439	0	0	0	0	0
LM-13-02	439	439.5	0	0	0	0	0
LM-13-02	439.5	440	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-02	440	440.5	0	0	0	0	0
LM-13-02	440.5	441	0	0	0	0	0
LM-13-02	441	441.5	0	0	0	0	0
LM-13-02	441.5	442	0	0	0	0	0
LM-13-02	442	442.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-02	426	426.5	0	0	0	0
LM-13-02	426.5	427	0	0	0	0
LM-13-02	427	427.5	0	0	0	0
LM-13-02	427.5	428	0	0	0	0
LM-13-02	428	428.5	0	0	0	0
LM-13-02	428.5	429	0	0	0	0
LM-13-02	429	429.5	0	0	0	0
LM-13-02	429.5	430	0	0	0	0
LM-13-02	430	430.5	0	0	0	0
LM-13-02	430.5	431	0	0	0	0
LM-13-02	431	431.5	0	0	0	0
LM-13-02	431.5	432	0	0	0	0
LM-13-02	432	432.5	0	0	0	0
LM-13-02	432.5	433	0	0	0	0
LM-13-02	433	433.5	0	0	0	0
LM-13-02	433.5	434	0	0	0	0
LM-13-02	434	434.5	0	0	0	0
LM-13-02	434.5	435	0	0	0	0
LM-13-02	435	435.5	0	0	0	0
LM-13-02	435.5	436	0	0	0	0
LM-13-02	436	436.5	0	0	0	0
LM-13-02	436.5	437	0	0	0	0
LM-13-02	437	437.5	0	0	0	0
LM-13-02	437.5	438	0	0	0	0
LM-13-02	438	438.5	0	0	0	0
LM-13-02	438.5	439	0	0	0	0
LM-13-02	439	439.5	0	0	0	0
LM-13-02	439.5	440	0	0	0	0
LM-13-02	440	440.5	0	0	0	0
LM-13-02	440.5	441	0	0	0	0
LM-13-02	441	441.5	0	0	0	0
LM-13-02	441.5	442	0	0	0	0
LM-13-02	442	442.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-02	442.5	443	9091	0.97	39.69	0	0	18.85
LM-13-02	443	443.5	19493	1.63	51.04	0	0	22.65
LM-13-02	443.5	444	7880	1.14	53.45	0	0	17.12
LM-13-02	444	444.5	18006	0.98	55.49	0	0	2.16
LM-13-02	444.5	445	20429	0.93	51.31	0	0	9.35
LM-13-02	445	445.5	12438	2.89	30.99	0	0	23.29
LM-13-02	445.5	446	14413	3.08	29.83	0	0	0.13
LM-13-02	446	446.5	15555	1.49	31.33	0	0	26.82
LM-13-02	446.5	447	15841	4.12	34.01	0	0	11.97
LM-13-02	447	447.5	4970	1.69	34.97	0	0	4.77
LM-13-02	447.5	448	15512	2	26.82	0	0	8.64
LM-13-02	448	448.5	16046	1.47	27.35	0	0	32.51
LM-13-02	448.5	449	12235	0.59	17.73	0	0	4.5
LM-13-02	449	449.5	3753	1.25	6.08	0	0	0.03
LM-13-02	449.5	450	16031	1.17	29.19	0	0	0.64
LM-13-02	450	450.5	14669	1.37	21.62	0	0.01	2.45
LM-13-02	450.5	451	16020	1.4	32.87	0	0	16.55
LM-13-02	451	451.5	10275	5.68	6.83	0	0.47	63.16
LM-13-02	451.5	452	15797	9.44	8.65	0	0.28	40.98
LM-13-02	452	452.5	16121	4.37	51.85	0	0	21.2
LM-13-02	452.5	453	14249	5.1	45.81	0	0	0.99
LM-13-02	453	453.5	9682	3.27	10.18	0	0	0.17
LM-13-02	453.5	454	16121	1.76	46.72	0	0	9.91
LM-13-02	454	454.5	16121	2.65	48.14	0	0	13.98
LM-13-02	454.5	455	10598	0.99	58.7	0	0	9.82
LM-13-02	455	455.5	13579	0.43	33.61	0	0	54.23
LM-13-02	455.5	456	14474	0.42	50.65	0	0	34.35
LM-13-02	456	456.5	13191	1.05	23.55	0	0	0.55
LM-13-02	456.5	457	5158	4.58	52.15	0	0	0
LM-13-02	457	457.5	12921	6.83	0	0	0	0
LM-13-02	457.5	458	15014	9	10.25	0	0	16.35
LM-13-02	458	458.5	14778	1.56	32.14	0	0	18.97
LM-13-02	458.5	459	10242	1.83	46.35	0	0	5

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-02	442.5	443	0	0	0	0	0	0
LM-13-02	443	443.5	0	0	0	0	0	0
LM-13-02	443.5	444	0	0	0	0	0	0
LM-13-02	444	444.5	0	0	0	0	0	0
LM-13-02	444.5	445	0	0	0	0	0	0
LM-13-02	445	445.5	0	0	0	0	0	0
LM-13-02	445.5	446	0	0	0	0	0	0
LM-13-02	446	446.5	0	0	0	0	0	0
LM-13-02	446.5	447	0	0	0	0	0	0
LM-13-02	447	447.5	0	0	0	0	0	0
LM-13-02	447.5	448	0	0	0	0	0	0
LM-13-02	448	448.5	0	0	0	0	0	0
LM-13-02	448.5	449	0	0	0	0	0	0
LM-13-02	449	449.5	0	0	0	0	0	0
LM-13-02	449.5	450	0	0	0	0	0	0
LM-13-02	450	450.5	1.6	0	0	0	0	0
LM-13-02	450.5	451	0	0.03	0	0	0	0
LM-13-02	451	451.5	3.12	0	0	0	0	0
LM-13-02	451.5	452	6.52	0	0	0	0	0
LM-13-02	452	452.5	0.69	0	0	0	0	0
LM-13-02	452.5	453	0.01	0	0	0	0	0
LM-13-02	453	453.5	0	0	0	0	0	0
LM-13-02	453.5	454	0	0	0	0	0	0
LM-13-02	454	454.5	0	0	0	0	0	0
LM-13-02	454.5	455	0	0	0	0	0	0
LM-13-02	455	455.5	0	0	0	0	0	0
LM-13-02	455.5	456	0	0	0	0	0	0
LM-13-02	456	456.5	0	0	0	0	0	0
LM-13-02	456.5	457	0	0	0	0	0	0
LM-13-02	457	457.5	0	2.07	0.05	0	0	0.02
LM-13-02	457.5	458	0	1.31	0.05	0	0	0
LM-13-02	458	458.5	0	0.11	0	0	0	0
LM-13-02	458.5	459	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-02	442.5	443	0	0	0	0	7.33
LM-13-02	443	443.5	0	0	0	0	0.19
LM-13-02	443.5	444	0	0	0	0	6.76
LM-13-02	444	444.5	0	0	0	0	0.37
LM-13-02	444.5	445	0	0	0	0	0.63
LM-13-02	445	445.5	0	0	0	0.51	0.71
LM-13-02	445.5	446	0	0	0	0	2.01
LM-13-02	446	446.5	0	0	0	0	0.95
LM-13-02	446.5	447	0	0	0	0	5.29
LM-13-02	447	447.5	0	0	0	0	7
LM-13-02	447.5	448	0	0	0	0	2.93
LM-13-02	448	448.5	0	0	0	0	0
LM-13-02	448.5	449	0	0	0	0	0.04
LM-13-02	449	449.5	0	0	0	0	1.73
LM-13-02	449.5	450	0	0	0	0	0.64
LM-13-02	450	450.5	0	0	0	0	1.72
LM-13-02	450.5	451	0	0	0	0	0.41
LM-13-02	451	451.5	0	0.02	0	0	1.43
LM-13-02	451.5	452	0	0.01	0	0	15.45
LM-13-02	452	452.5	0	0	0	0	4.45
LM-13-02	452.5	453	0.01	0	0	0	0.88
LM-13-02	453	453.5	0	0	0	0	0.09
LM-13-02	453.5	454	0	0	0	0	0.08
LM-13-02	454	454.5	0	0	0	0	0.01
LM-13-02	454.5	455	0	0	0	0	0
LM-13-02	455	455.5	0	0.01	0	0	0.22
LM-13-02	455.5	456	0	0	0	0	1.52
LM-13-02	456	456.5	0	0	0	0	0.64
LM-13-02	456.5	457	0	0	0	0	5.66
LM-13-02	457	457.5	0.01	61.16	0.18	60.03	0.46
LM-13-02	457.5	458	0.03	29.33	1.52	26.92	0.21
LM-13-02	458	458.5	0	0.55	3.65	3.77	0.13
LM-13-02	458.5	459	0	0	0	0	0.03

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-02	442.5	443	16.32	0	0	0.02	0
LM-13-02	443	443.5	18.41	0	0	0	0
LM-13-02	443.5	444	15.14	0	0	0	0
LM-13-02	444	444.5	40.11	0	0	0	0
LM-13-02	444.5	445	35.2	0	0	0	0
LM-13-02	445	445.5	35.66	0	0	0	0
LM-13-02	445.5	446	65.08	0	0	0	0
LM-13-02	446	446.5	30.38	0	0	0	0
LM-13-02	446.5	447	41.88	0.13	0.01	0	0
LM-13-02	447	447.5	48.87	0	0	0	0
LM-13-02	447.5	448	50.1	0.27	0	0	0
LM-13-02	448	448.5	32.46	0	0	0.01	0
LM-13-02	448.5	449	69.87	0	0	0	0
LM-13-02	449	449.5	64.72	0.03	0	0	0
LM-13-02	449.5	450	68.19	0	0	0	0
LM-13-02	450	450.5	68.7	1.57	0	0	0
LM-13-02	450.5	451	46.32	2.97	0.08	0.01	0
LM-13-02	451	451.5	2.48	20.35	1.31	0.03	0
LM-13-02	451.5	452	7.94	3.8	0.71	0.23	0
LM-13-02	452	452.5	7.85	0.3	0.02	0	0
LM-13-02	452.5	453	40.35	0.06	0.06	0	0
LM-13-02	453	453.5	86.43	0	0	0	0
LM-13-02	453.5	454	39.89	0	0	0.01	0
LM-13-02	454	454.5	30.12	0	0	0	0
LM-13-02	454.5	455	17.95	0	0	0.02	0
LM-13-02	455	455.5	3.68	0	0	0.2	0
LM-13-02	455.5	456	4.61	0.03	0	0.01	0
LM-13-02	456	456.5	74.27	0	0	0	0
LM-13-02	456.5	457	26.97	0	0	0	0
LM-13-02	457	457.5	10.16	2.11	0	5.99	0
LM-13-02	457.5	458	23.47	3.42	0	8.94	0
LM-13-02	458	458.5	36.7	0.36	0	1.44	0
LM-13-02	458.5	459	44.96	0.05	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-02	442.5	443	0	0	0.22	2213.19	0
LM-13-02	443	443.5	0	0	0	0	0
LM-13-02	443.5	444	0	0	0	0	0
LM-13-02	444	444.5	0	0	0	0	0
LM-13-02	444.5	445	0	0	0	0	0
LM-13-02	445	445.5	0	0	0	0	0
LM-13-02	445.5	446	0	0	0	0	0
LM-13-02	446	446.5	0	0	0	0	0
LM-13-02	446.5	447	0	0	0	0	0
LM-13-02	447	447.5	0	0	0	0	0
LM-13-02	447.5	448	0	0	0	0	0
LM-13-02	448	448.5	0	0	0.36	2215.09	0
LM-13-02	448.5	449	0	0	0	0	0
LM-13-02	449	449.5	0	0	0	0	0
LM-13-02	449.5	450	0	0	0	0	0
LM-13-02	450	450.5	2344.01	0	0	0	0
LM-13-02	450.5	451	0	0	0	0	#DIV/0!
LM-13-02	451	451.5	2344.67	0	0	0	#DIV/0!
LM-13-02	451.5	452	2343.8	0	0.31	2209	0
LM-13-02	452	452.5	0	0	0	0	0
LM-13-02	452.5	453	0	0	0	0	0
LM-13-02	453	453.5	0	0	0	0	0
LM-13-02	453.5	454	0	0	0	0	#DIV/0!
LM-13-02	454	454.5	0	0	0	0	0
LM-13-02	454.5	455	0	0	0.27	2211.73	0
LM-13-02	455	455.5	0	0	0.27	2210.6	3.7
LM-13-02	455.5	456	0	0	0.15	2216.78	0
LM-13-02	456	456.5	0	0	0	0	0
LM-13-02	456.5	457	0	0	0	0	0
LM-13-02	457	457.5	0	0	2.02	2204.98	0
LM-13-02	457.5	458	0	0	2.23	2205.11	0.3
LM-13-02	458	458.5	0	0	1.55	2206.14	0
LM-13-02	458.5	459	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-02	442.5	443	0	0	100	0	0
LM-13-02	443	443.5	0	0	0	0	0
LM-13-02	443.5	444	0	0	0	0	0
LM-13-02	444	444.5	0	0	0	0	0
LM-13-02	444.5	445	0	0	0	0	0
LM-13-02	445	445.5	0	0	0	0	0
LM-13-02	445.5	446	0	0	0	0	0
LM-13-02	446	446.5	0	0	0	0	0
LM-13-02	446.5	447	0	0	0	0	0
LM-13-02	447	447.5	0	0	0	0	0
LM-13-02	447.5	448	0	0	0	0	0
LM-13-02	448	448.5	0	0	50	50	0
LM-13-02	448.5	449	0	0	0	0	0
LM-13-02	449	449.5	0	0	0	0	0
LM-13-02	449.5	450	0	0	0	0	0
LM-13-02	450	450.5	0	0	0	0	0
LM-13-02	450.5	451	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2259.06
LM-13-02	451	451.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-02	451.5	452	0	45.71	48.57	5.71	0
LM-13-02	452	452.5	0	0	0	0	0
LM-13-02	452.5	453	0	0	0	0	0
LM-13-02	453	453.5	0	0	0	0	0
LM-13-02	453.5	454	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-02	454	454.5	0	0	0	0	0
LM-13-02	454.5	455	0	0	100	0	0
LM-13-02	455	455.5	0	18.52	59.26	18.52	0
LM-13-02	455.5	456	0	0	0	100	0
LM-13-02	456	456.5	0	0	0	0	0
LM-13-02	456.5	457	0	0	0	0	0
LM-13-02	457	457.5	0	99.61	0.39	0	2251.97
LM-13-02	457.5	458	0.3	98	1.41	0	2251.77
LM-13-02	458	458.5	0	92.89	7.11	0	2252.44
LM-13-02	458.5	459	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-02	442.5	443	0	0	0	0
LM-13-02	443	443.5	0	0	0	0
LM-13-02	443.5	444	0	0	0	0
LM-13-02	444	444.5	0	0	0	0
LM-13-02	444.5	445	0	0	0	0
LM-13-02	445	445.5	0	0	0	0
LM-13-02	445.5	446	0	0	0	0
LM-13-02	446	446.5	0	0	0	0
LM-13-02	446.5	447	0	0	0	0
LM-13-02	447	447.5	0	0	0	0
LM-13-02	447.5	448	0	0	0	0
LM-13-02	448	448.5	0	0	0	0
LM-13-02	448.5	449	0	0	0	0
LM-13-02	449	449.5	0	0	0	0
LM-13-02	449.5	450	0	0	0	0
LM-13-02	450	450.5	0	0	0	0
LM-13-02	450.5	451	0	0	0	100
LM-13-02	451	451.5	0	0	0	0
LM-13-02	451.5	452	0	0	0	0
LM-13-02	452	452.5	0	0	0	0
LM-13-02	452.5	453	0	0	0	0
LM-13-02	453	453.5	0	0	0	0
LM-13-02	453.5	454	0	0	0	0
LM-13-02	454	454.5	0	0	0	0
LM-13-02	454.5	455	0	0	0	0
LM-13-02	455	455.5	0	0	0	0
LM-13-02	455.5	456	0	0	0	0
LM-13-02	456	456.5	0	0	0	0
LM-13-02	456.5	457	0	0	0	0
LM-13-02	457	457.5	0	17.6	82.4	0
LM-13-02	457.5	458	0	21.94	75.51	2.55
LM-13-02	458	458.5	0	6.25	93.75	0
LM-13-02	458.5	459	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	spectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-02	459	459.5	13539	1.6	33.04	0	0	15.84
LM-13-02	459.5	460	15288	4.36	29.72	0	0	2.54
LM-13-02	460	460.5	12356	3.26	16.91	0	0	11.35
LM-13-02	460.5	461	11740	4.47	33.55	0	0	0.55
LM-13-02	461	461.5	13823	1.37	24.58	0	0	3.64
LM-13-02	461.5	462	15282	1.3	35.85	0	0	0.27
LM-13-02	462	462.5	15337	1.25	29.45	0	0	19.44
LM-13-02	462.5	463	13064	1.44	29.58	0	0	32.49
LM-13-02	463	463.5	13581	0.45	41.32	0	0	32.8
LM-13-02	463.5	464	15128	1.59	58.13	0	0	5.13
LM-13-02	464	464.5	15337	1.41	33.92	0	0	15.45
LM-13-02	464.5	465	12588	1.67	48.92	0	0	6.82
LM-13-03	346	346.5	20448	1.98	35.01	0	0	30.57
LM-13-03	346.5	347	23460	1.83	25.35	0	0.01	42.05
LM-13-03	347	347.5	21926	2.63	23.56	0	0	35.7
LM-13-03	347.5	348	16441	0.68	9.81	0	0	38.23
LM-13-03	348	348.5	19166	0.51	4.89	0	0	39.8
LM-13-03	348.5	349	23400	0.33	1.83	0	0	35.51
LM-13-03	349	349.5	11616	0.63	4.4	0	0	32.8
LM-13-03	349.5	350	23457	0.96	13.01	0	0	45.94
LM-13-03	350	350.5	23011	1.21	9.43	0	0	65.45
LM-13-03	350.5	351	14361	4.82	14.7	0	0	52.61
LM-13-03	351	351.5	23397	3.48	41.92	0	0	21.85
LM-13-03	351.5	352	23004	4.16	26.6	0	0	4.04
LM-13-03	352	352.5	15411	5.66	49.49	0	0	10.62
LM-13-03	352.5	353	17156	3.16	21.54	0.02	0	46.21
LM-13-03	353	353.5	23320	10.67	8.22	0	0	49.77
LM-13-03	353.5	354	10955	32.04	23.13	0	0	4.33
LM-13-03	354	354.5	16453	4.87	27.29	0	0	36.17
LM-13-03	354.5	355	18746	1.05	9.22	0	0	62.18
LM-13-03	355	355.5	19740	0.99	7.06	0	0	81.82
LM-13-03	355.5	356	15576	4.45	8.53	0	0	68.46
LM-13-03	356	356.5	19707	6.33	15.37	0	0	49.8

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-02	459	459.5	0	0	0	0	0	0
LM-13-02	459.5	460	0	0	0	0	0	0
LM-13-02	460	460.5	0	0	0	0	0	0
LM-13-02	460.5	461	0	0	0	0	0	0
LM-13-02	461	461.5	0	0	0	0	0	0
LM-13-02	461.5	462	0	0	0	0	0	0
LM-13-02	462	462.5	0	0	0	0	0	0
LM-13-02	462.5	463	0	0	0	0	0	0
LM-13-02	463	463.5	0	0	0	0	0	0
LM-13-02	463.5	464	0	0	0	0	0	0
LM-13-02	464	464.5	0.01	0	0	0	0	0
LM-13-02	464.5	465	0	0	0	0	0	0
LM-13-03	346	346.5	0	0	0	0	13.06	26.49
LM-13-03	346.5	347	0.41	0.21	0	0	7.06	17.95
LM-13-03	347	347.5	0.03	1.51	0	0	2.74	14.37
LM-13-03	347.5	348	0	0	0	0	0.16	4.83
LM-13-03	348	348.5	0.01	0	0	0	0	0
LM-13-03	348.5	349	0	0	0	0	0	0
LM-13-03	349	349.5	0	0	0	0	0	4.54
LM-13-03	349.5	350	0	0.05	0	0	0.11	7.61
LM-13-03	350	350.5	0.01	0.15	0	0	0	0.06
LM-13-03	350.5	351	0.01	0.11	0	0	1.08	11.44
LM-13-03	351	351.5	0	0.04	0	0	4.46	15.27
LM-13-03	351.5	352	0	1.56	0	0	0.99	48.06
LM-13-03	352	352.5	0	0	0	0	1.54	26.2
LM-13-03	352.5	353	0.05	0.03	0	0	2.35	3.01
LM-13-03	353	353.5	0	0.22	0.01	0	6.75	6.9
LM-13-03	353.5	354	0	0.07	0	0	1.62	11.12
LM-13-03	354	354.5	0	1.31	0	0	1.14	18.77
LM-13-03	354.5	355	0	0.02	0	0	1.37	4.76
LM-13-03	355	355.5	0	0	0	0	1.09	0.79
LM-13-03	355.5	356	0	0.13	0	0	0.04	0.76
LM-13-03	356	356.5	0	0.08	0	0	4.48	6.58

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-02	459	459.5	0	0	0	0	3.08
LM-13-02	459.5	460	0	0	0	0	8.06
LM-13-02	460	460.5	0	0	0	0	1.15
LM-13-02	460.5	461	0	0	0	0	0
LM-13-02	461	461.5	0	0.01	0	0	0.16
LM-13-02	461.5	462	0	0	0	0	0
LM-13-02	462	462.5	0	0	0	0	0
LM-13-02	462.5	463	0	0	0	0	0.32
LM-13-02	463	463.5	0	0	0	0	0.72
LM-13-02	463.5	464	0	0	0	0	6.56
LM-13-02	464	464.5	0	0	0	0.31	1
LM-13-02	464.5	465	0	0	0	0	0.1
LM-13-03	346	346.5	0	1.19	0	0.01	0.71
LM-13-03	346.5	347	0.01	0.59	0.09	0.52	1.39
LM-13-03	347	347.5	0.01	0.07	0.03	0.85	8.5
LM-13-03	347.5	348	0.34	0.03	0	0.7	23
LM-13-03	348	348.5	0.04	0.13	0	0.01	30.96
LM-13-03	348.5	349	0	0.06	0	0.01	25.32
LM-13-03	349	349.5	0	0.1	0	0	29.57
LM-13-03	349.5	350	1.78	0.26	0	0.89	19.77
LM-13-03	350	350.5	0.05	0.05	0	0.03	7.29
LM-13-03	350.5	351	2.35	2.9	0	0.08	8.49
LM-13-03	351	351.5	0	0.06	0	0.01	6.64
LM-13-03	351.5	352	0.06	0.13	0	3.28	8.17
LM-13-03	352	352.5	0	1.38	0	0	8.57
LM-13-03	352.5	353	0.02	2.73	0.34	2.53	6.75
LM-13-03	353	353.5	0	0.57	0	0.48	2.44
LM-13-03	353.5	354	0.54	0.16	0	0.09	11.48
LM-13-03	354	354.5	0.01	0.32	0	0	5.08
LM-13-03	354.5	355	0.01	0.43	0	0.01	19.34
LM-13-03	355	355.5	0	0.8	0	0.03	4.12
LM-13-03	355.5	356	0.03	0.39	0	0.04	4.4
LM-13-03	356	356.5	3.8	0.29	0	0.91	10.17

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-02	459	459.5	39.3	0.3	0.18	0	0
LM-13-02	459.5	460	55.59	0.14	0	0	0
LM-13-02	460	460.5	55.84	0	0	0.01	0
LM-13-02	460.5	461	61.7	0	0	0	0
LM-13-02	461	461.5	65.75	0	0	0	0
LM-13-02	461.5	462	62.85	0	0	0	0
LM-13-02	462	462.5	45.4	0	0	0	0
LM-13-02	462.5	463	27.01	0	0	0	0
LM-13-02	463	463.5	10.06	0	0	0	0
LM-13-02	463.5	464	27	0.03	0	0	0
LM-13-02	464	464.5	41.24	0.29	0	0	0
LM-13-02	464.5	465	39.59	0	0	0	0
LM-13-03	346	346.5	0.1	0.07	0	31.59	1.99
LM-13-03	346.5	347	0.09	0.28	0	10.16	0.24
LM-13-03	347	347.5	5.98	1.81	0	3.65	0.06
LM-13-03	347.5	348	18	0.06	0	0.67	0
LM-13-03	348	348.5	20.07	0.18	0.04	1.5	0.01
LM-13-03	348.5	349	34.15	0.01	0.03	2.23	0.01
LM-13-03	349	349.5	27.07	0	0	0.5	0
LM-13-03	349.5	350	7.63	0.21	0	1.03	0
LM-13-03	350	350.5	4.82	0.33	0.02	0.55	0
LM-13-03	350.5	351	1.68	0.45	0	8.27	0.19
LM-13-03	351	351.5	2.89	0.38	0	1.28	0.01
LM-13-03	351.5	352	15.29	0.2	0	1.33	0
LM-13-03	352	352.5	9.34	0.01	0	7.67	0.05
LM-13-03	352.5	353	0.43	3.66	0.16	26.01	0.29
LM-13-03	353	353.5	1.3	5.89	0.31	14.75	0.15
LM-13-03	353.5	354	0.94	10	1.62	19	1.24
LM-13-03	354	354.5	1.01	0.04	0.07	44.58	1.29
LM-13-03	354.5	355	2.89	0	0.11	24	0.42
LM-13-03	355	355.5	0.61	0	0.51	25.28	0.09
LM-13-03	355.5	356	0	0	1.22	21.02	0.04
LM-13-03	356	356.5	2.48	0.02	0.16	13.03	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-02	459	459.5	0	0	0	0	0
LM-13-02	459.5	460	0	0	0	0	0
LM-13-02	460	460.5	0	0	0.38	2208.16	0
LM-13-02	460.5	461	0	0	0	0	0
LM-13-02	461	461.5	0	0	0	0	0
LM-13-02	461.5	462	0	0	0	0	0
LM-13-02	462	462.5	0	0	0	0	0
LM-13-02	462.5	463	0	0	0	0	0
LM-13-02	463	463.5	0	0	0	0	0
LM-13-02	463.5	464	0	0	0	0	0
LM-13-02	464	464.5	0	0	0	0	0
LM-13-02	464.5	465	0	0	0	0	0
LM-13-03	346	346.5	0	888.47	0.54	2209.22	0
LM-13-03	346.5	347	2344.84	885.54	0.49	2209.21	0.38
LM-13-03	347	347.5	0	879.4	0.45	2209.13	0.51
LM-13-03	347.5	348	0	870.28	0.34	2209.51	0.97
LM-13-03	348	348.5	0	0	0.39	2207.92	0
LM-13-03	348.5	349	0	0	0.37	2209.38	0
LM-13-03	349	349.5	0	861.01	0.36	2211.04	0
LM-13-03	349.5	350	0	865.73	0.41	2209.27	0
LM-13-03	350	350.5	0	876.17	0.35	2210.36	0
LM-13-03	350.5	351	0	874.54	0.47	2207.27	0
LM-13-03	351	351.5	0	882.95	0.49	2208.32	0
LM-13-03	351.5	352	0	872.13	0.4	2207.95	0
LM-13-03	352	352.5	0	876.7	0.38	2206.99	0
LM-13-03	352.5	353	2334.09	890.59	0.49	2209.01	0
LM-13-03	353	353.5	0	904.22	0.4	2208.41	0.12
LM-13-03	353.5	354	0	877.64	0.47	2207.73	0.1
LM-13-03	354	354.5	0	875.23	0.55	2208.37	0.05
LM-13-03	354.5	355	0	881.83	0.44	2208.23	0
LM-13-03	355	355.5	0	889.59	0.44	2208.15	0.08
LM-13-03	355.5	356	0	883.95	0.48	2207.45	0.03
LM-13-03	356	356.5	0	889.66	0.46	2207.98	0.27

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-02	459	459.5	0	0	0	0	0
LM-13-02	459.5	460	0	0	0	0	0
LM-13-02	460	460.5	0	0	100	0	0
LM-13-02	460.5	461	0	0	0	0	0
LM-13-02	461	461.5	0	0	0	0	0
LM-13-02	461.5	462	0	0	0	0	0
LM-13-02	462	462.5	0	0	0	0	0
LM-13-02	462.5	463	0	0	0	0	0
LM-13-02	463	463.5	0	0	0	0	0
LM-13-02	463.5	464	0	0	0	0	0
LM-13-02	464	464.5	0	0	0	0	0
LM-13-02	464.5	465	0	0	0	0	0
LM-13-03	346	346.5	0.18	22.14	77.51	0.17	0
LM-13-03	346.5	347	0.46	28.9	68.34	1.92	2254.25
LM-13-03	347	347.5	1.03	30.46	66.07	1.93	2253.18
LM-13-03	347.5	348	0.97	34.95	59.22	3.88	0
LM-13-03	348	348.5	0.7	55.63	42.96	0.7	0
LM-13-03	348.5	349	0.19	26.4	72.64	0.77	0
LM-13-03	349	349.5	0	5.36	89.29	5.36	0
LM-13-03	349.5	350	0.42	35.71	62.61	1.26	2249.69
LM-13-03	350	350.5	1.64	16.39	80.33	1.64	2250.55
LM-13-03	350.5	351	0.42	65.38	34.03	0.17	2253.45
LM-13-03	351	351.5	3.09	37.46	58.76	0.69	2256.12
LM-13-03	351.5	352	0.67	52.19	46.46	0.67	2252.5
LM-13-03	352	352.5	0.51	68.97	30.52	0	0
LM-13-03	352.5	353	0.07	27.79	71.81	0.34	2254.29
LM-13-03	353	353.5	0.91	41.13	57.2	0.64	2252.55
LM-13-03	353.5	354	0.53	54.32	44.96	0.1	2255.9
LM-13-03	354	354.5	0.1	40.37	59.29	0.19	2255.29
LM-13-03	354.5	355	0.29	44.24	55.3	0.18	2257.85
LM-13-03	355	355.5	0.32	46.01	53.29	0.3	0
LM-13-03	355.5	356	0.12	63.18	36.58	0.09	2258.33
LM-13-03	356	356.5	1.1	45.73	52.27	0.63	2255.8

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-02	459	459.5	0	0	0	0
LM-13-02	459.5	460	0	0	0	0
LM-13-02	460	460.5	0	0	0	0
LM-13-02	460.5	461	0	0	0	0
LM-13-02	461	461.5	0	0	0	0
LM-13-02	461.5	462	0	0	0	0
LM-13-02	462	462.5	0	0	0	0
LM-13-02	462.5	463	0	0	0	0
LM-13-02	463	463.5	0	0	0	0
LM-13-02	463.5	464	0	0	0	0
LM-13-02	464	464.5	0	0	0	0
LM-13-02	464.5	465	0	0	0	0
LM-13-03	346	346.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-03	346.5	347	0	11.11	62.22	26.67
LM-13-03	347	347.5	0.99	16.78	64.8	17.43
LM-13-03	347.5	348	0	0	0	0
LM-13-03	348	348.5	0	0	0	0
LM-13-03	348.5	349	0	0	0	0
LM-13-03	349	349.5	0	0	0	0
LM-13-03	349.5	350	0	70	30	0
LM-13-03	350	350.5	0	42.42	57.58	0
LM-13-03	350.5	351	0	33.33	33.33	33.33
LM-13-03	351	351.5	0	11.11	33.33	55.56
LM-13-03	351.5	352	1.81	21.08	64.46	12.65
LM-13-03	352	352.5	0	0	0	0
LM-13-03	352.5	353	0	0	100	0
LM-13-03	353	353.5	0	15.91	77.27	6.82
LM-13-03	353.5	354	0	0	66.67	33.33
LM-13-03	354	354.5	0.48	9.09	57.42	33.01
LM-13-03	354.5	355	0	0	33.33	66.67
LM-13-03	355	355.5	0	0	0	0
LM-13-03	355.5	356	0	0	21.05	78.95
LM-13-03	356	356.5	0	0	53.33	46.67

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	356.5	357	19481	13.06	19.79	0	0	37.66
LM-13-03	357	357.5	19678	3.04	26.81	0	0	36.14
LM-13-03	357.5	358	9924	11.41	3.98	0	0	45.67
LM-13-03	358	358.5	19740	9.61	5.66	0	0	37.38
LM-13-03	358.5	359	19740	11.86	3.49	0	0	57.29
LM-13-03	359	359.5	19740	4.85	4.02	0	0	31.14
LM-13-03	359.5	360	13540	6.29	0.3	0	0	4.22
LM-13-03	360	360.5	19720	0.37	0.11	0	0	0
LM-13-03	360.5	361	19740	0.84	8.29	0	0	2.71
LM-13-03	361	361.5	19740	4.16	14.04	0	0	1.35
LM-13-03	361.5	362	15876	4.23	5.03	0	0	4.8
LM-13-03	362	362.5	19141	4.6	0.56	0	0	1.21
LM-13-03	362.5	363	15659	1.5	55.4	0	0	2.31
LM-13-03	363	363.5	11758	5.97	46.76	0	0	11.41
LM-13-03	363.5	364	19250	10.64	50.26	0	0	9.58
LM-13-03	364	364.5	22028	2.97	22.41	0	0	62.91
LM-13-03	364.5	365	22020	0.86	13.61	0	0	78.57
LM-13-03	365	365.5	14262	1.73	28.95	0	0	45.78
LM-13-03	365.5	366	22080	1.9	0.43	0	0	91.66
LM-13-03	366	366.5	22020	4.53	0.32	0	0	90.38
LM-13-03	366.5	367	12196	6.94	1.52	0	0	73.86
LM-13-03	367	367.5	22080	4.43	4.11	0	0	82.57
LM-13-03	367.5	368	17632	12.17	19.42	0	0.01	27.93
LM-13-03	368	368.5	18534	8.55	42.96	0	0	2.51
LM-13-03	368.5	369	13521	5.3	25.61	0	0	27.66
LM-13-03	369	369.5	21717	2.36	15.3	0	0	41.61
LM-13-03	369.5	370	20854	8.43	17.92	0	0	22.8
LM-13-03	370	370.5	8360	2.45	27.86	0	0	23.43
LM-13-03	370.5	371	20291	14.33	35.85	0	0	23.26
LM-13-03	371	371.5	22080	4.33	39.85	0	0	41.49
LM-13-03	371.5	372	20669	1.89	6.27	0	0	74.91
LM-13-03	372	372.5	17624	3.39	4.24	0	0	75
LM-13-03	372.5	373	19415	0.21	0.21	0	0	92.59

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	356.5	357	0	0.18	0	0	1.24	5.4
LM-13-03	357	357.5	0	0.4	0	0	0.78	2.77
LM-13-03	357.5	358	0.29	7.77	0	0	2.79	16.16
LM-13-03	358	358.5	0.01	5.85	0	0	5.13	15.57
LM-13-03	358.5	359	0	12.16	0	0	3.59	7.67
LM-13-03	359	359.5	0	0.07	0	0	1.24	0.07
LM-13-03	359.5	360	0	30.69	0.64	0	2.75	18.34
LM-13-03	360	360.5	0	29.37	2.72	0	5.43	18.44
LM-13-03	360.5	361	0	0	0	0	15.33	5.9
LM-13-03	361	361.5	0	0	0	0	19.59	3.95
LM-13-03	361.5	362	0	0	0	0	3.65	0.4
LM-13-03	362	362.5	0.05	0	0	0	0.03	0.09
LM-13-03	362.5	363	0	0	0	0	0	0
LM-13-03	363	363.5	0	0	0	0	0	0
LM-13-03	363.5	364	0	0	0	0	0	0
LM-13-03	364	364.5	0	0.01	0	0	0	0
LM-13-03	364.5	365	0	0	0	0	0	0
LM-13-03	365	365.5	0	0	0	0	0	0
LM-13-03	365.5	366	0	0.01	0	0	0.02	0.16
LM-13-03	366	366.5	0	0	0	0	0.52	0.16
LM-13-03	366.5	367	0	0.69	0	0	0.33	0.79
LM-13-03	367	367.5	0	0.03	0	0	0.07	0.11
LM-13-03	367.5	368	0.09	3.1	0.01	0	0	0.01
LM-13-03	368	368.5	0.03	0.26	0	0	0	0.02
LM-13-03	368.5	369	0.09	0.13	0	0	0	0
LM-13-03	369	369.5	0	0.01	0	0	0	0
LM-13-03	369.5	370	0	0.09	0	0	0	0.1
LM-13-03	370	370.5	0	0.02	0	0	0	0
LM-13-03	370.5	371	0	0.34	0	0	0.05	0.31
LM-13-03	371	371.5	0	0.53	0	0	0	0.13
LM-13-03	371.5	372	0	0.04	0	0	0	0
LM-13-03	372	372.5	0	0.07	0	0	0.01	0
LM-13-03	372.5	373	0	0.01	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	356.5	357	0.63	0.07	0	0.14	12.24
LM-13-03	357	357.5	0.16	0.08	0	0.01	16.2
LM-13-03	357.5	358	0.03	0.55	0.02	0.69	2.9
LM-13-03	358	358.5	0.85	0.25	0.16	1.73	4.65
LM-13-03	358.5	359	1.62	0.94	0	1.64	3.63
LM-13-03	359	359.5	1.74	0.41	0	32.75	3.71
LM-13-03	359.5	360	0.29	0.13	0.03	43.8	4.21
LM-13-03	360	360.5	0.06	0.26	0	50.92	0.98
LM-13-03	360.5	361	0.45	0.01	0	20.84	0.36
LM-13-03	361	361.5	0.16	0.21	0.01	8.26	1
LM-13-03	361.5	362	0.84	0.08	0	1.05	10.74
LM-13-03	362	362.5	0	0.03	0	0	8.92
LM-13-03	362.5	363	0	0	0	0	12.15
LM-13-03	363	363.5	0	0	0	0	6.09
LM-13-03	363.5	364	0	0	0	0	14.26
LM-13-03	364	364.5	0.02	0.04	0	0.07	3.41
LM-13-03	364.5	365	0	0	0	0	0.61
LM-13-03	365	365.5	0.01	0	0	0	0.46
LM-13-03	365.5	366	0.05	0.01	0	0.2	2.2
LM-13-03	366	366.5	0.17	0.05	0	0.85	1.23
LM-13-03	366.5	367	0.2	0	0	0.98	3.07
LM-13-03	367	367.5	0	0.02	0	0.39	0.84
LM-13-03	367.5	368	0.02	0.05	0.01	0.51	6.07
LM-13-03	368	368.5	0.43	0	0	0.12	14.23
LM-13-03	368.5	369	0.07	0	0	0.06	13.02
LM-13-03	369	369.5	0	0	0	0	10.37
LM-13-03	369.5	370	0.06	0.03	0	0.13	14.65
LM-13-03	370	370.5	0.71	0.05	0	0	4.09
LM-13-03	370.5	371	0.04	0.87	1.17	14.44	1.62
LM-13-03	371	371.5	0.12	2.39	0	0.41	8.25
LM-13-03	371.5	372	0.01	1.25	0	0	6.17
LM-13-03	372	372.5	4.33	3.14	0	0.76	6.6
LM-13-03	372.5	373	0.91	18.8	0	0.08	8.34

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	356.5	357	1.77	1.89	1.67	2.2	0.08
LM-13-03	357	357.5	3.5	0.26	0	1.93	0
LM-13-03	357.5	358	1.72	1.68	0.04	5.17	0
LM-13-03	358	358.5	0.31	0.21	0.09	54.33	0.38
LM-13-03	358.5	359	0.06	1.8	0.41	39.18	0
LM-13-03	359	359.5	0.2	0.02	0.03	80.18	0.01
LM-13-03	359.5	360	1.88	0.18	0	51.5	0.01
LM-13-03	360	360.5	0	0.97	0	92.2	0.63
LM-13-03	360.5	361	0.04	0	0.04	98.69	1.62
LM-13-03	361	361.5	0	0.1	0.28	89.69	4.33
LM-13-03	361.5	362	65.44	0.05	0.19	11.39	0.88
LM-13-03	362	362.5	84.59	0	0.09	0.16	0.05
LM-13-03	362.5	363	22.57	0	0	0.01	0
LM-13-03	363	363.5	11.32	0.26	0	0	0
LM-13-03	363.5	364	2.17	0	0	0.01	0
LM-13-03	364	364.5	1.1	0.22	0.01	0.59	0
LM-13-03	364.5	365	0.69	0.02	0	0	0
LM-13-03	365	365.5	0.26	0.04	0	0	0
LM-13-03	365.5	366	1.06	0.17	0.02	0.06	0
LM-13-03	366	366.5	0	0.21	0.05	0.34	0
LM-13-03	366.5	367	2.22	0.22	0.06	0.44	0
LM-13-03	367	367.5	1.12	0.32	0.03	9.81	0.47
LM-13-03	367.5	368	28.87	1.58	0.19	0.22	0
LM-13-03	368	368.5	30.8	0.67	0.46	0.01	0
LM-13-03	368.5	369	6.54	0.74	0.2	0	0
LM-13-03	369	369.5	23.81	0.34	0	0.01	0
LM-13-03	369.5	370	33.14	0.26	0.11	0.2	0
LM-13-03	370	370.5	33.79	0	0	0.02	0
LM-13-03	370.5	371	8.25	0.18	0.28	3.87	0
LM-13-03	371	371.5	0.29	0.12	0.1	2.88	0.02
LM-13-03	371.5	372	0.91	0.12	0	2.89	0.01
LM-13-03	372	372.5	1.65	0.12	0.06	0.43	0.01
LM-13-03	372.5	373	1.8	0	0	3.41	0.12

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	356.5	357	0	881.7	0.44	2206.36	0.73
LM-13-03	357	357.5	0	883.92	0.34	2208.06	0.54
LM-13-03	357.5	358	0	884.65	0.37	2207.47	0.2
LM-13-03	358	358.5	0	884.59	0.96	2209.2	0.01
LM-13-03	358.5	359	0	887.23	0.57	2208.34	0.05
LM-13-03	359	359.5	0	909.85	1.66	2208.43	0
LM-13-03	359.5	360	0	884.68	2.54	2207.22	0.03
LM-13-03	360	360.5	0	888.09	2.1	2206.98	0.01
LM-13-03	360.5	361	0	902.01	2.83	2210.09	0
LM-13-03	361	361.5	0	899.77	2.59	2210.01	0
LM-13-03	361.5	362	0	901.68	1.08	2209.24	0
LM-13-03	362	362.5	0	892.79	0.85	2210.11	0
LM-13-03	362.5	363	0	0	0.14	2205.23	0
LM-13-03	363	363.5	0	0	0	0	0
LM-13-03	363.5	364	0	0	0.15	2207.86	0
LM-13-03	364	364.5	0	0	0.35	2207.36	0
LM-13-03	364.5	365	0	0	0	0	0
LM-13-03	365	365.5	0	0	0	0	0
LM-13-03	365.5	366	0	880.88	0.53	2206.23	0
LM-13-03	366	366.5	0	908.23	0.42	2205.35	0
LM-13-03	366.5	367	0	889.15	0.4	2209.15	0
LM-13-03	367	367.5	0	893.74	0.63	2207.61	0.61
LM-13-03	367.5	368	2352.72	878.45	0.63	2206.37	0
LM-13-03	368	368.5	0	875.44	0.2	0	100
LM-13-03	368.5	369	0	0	0	0	0
LM-13-03	369	369.5	0	0	0.53	2205.15	0
LM-13-03	369.5	370	0	874.57	0.43	2204.49	2.78
LM-13-03	370	370.5	0	0	0.27	2204.31	0
LM-13-03	370.5	371	0	887.01	0.77	2206.05	0.51
LM-13-03	371	371.5	0	889.47	0.56	2206.42	0
LM-13-03	371.5	372	0	0	0.48	2206.37	0
LM-13-03	372	372.5	0	900.02	0.68	2206.27	0
LM-13-03	372.5	373	0	0	0.54	2206.69	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	356.5	357	4.38	59.12	34.55	1.22	2258.99
LM-13-03	357	357.5	3.24	36.22	58.92	1.08	2257.04
LM-13-03	357.5	358	1.57	58.63	39.22	0.39	2255.94
LM-13-03	358	358.5	0.13	17.69	81.9	0.27	2255.78
LM-13-03	358.5	359	0.23	40.53	58.95	0.23	2255.79
LM-13-03	359	359.5	0.03	30.6	69.34	0.03	2257.13
LM-13-03	359.5	360	0	77.41	22.56	0	2254.87
LM-13-03	360	360.5	0.02	82.36	17.62	0	2255.04
LM-13-03	360.5	361	0.01	1.43	98.54	0.03	0
LM-13-03	361	361.5	0.02	4.27	95.61	0.1	0
LM-13-03	361.5	362	0	21.01	78.82	0.17	0
LM-13-03	362	362.5	0	17.24	82.76	0	0
LM-13-03	362.5	363	0	50	50	0	0
LM-13-03	363	363.5	0	0	0	0	0
LM-13-03	363.5	364	0	100	0	0	0
LM-13-03	364	364.5	1.49	61.94	35.82	0.75	0
LM-13-03	364.5	365	0	0	0	0	0
LM-13-03	365	365.5	0	0	0	0	0
LM-13-03	365.5	366	0	81.82	9.09	9.09	2252
LM-13-03	366	366.5	1.39	83.33	15.28	0	0
LM-13-03	366.5	367	0	42	56	2	2253.52
LM-13-03	367	367.5	2.42	49.46	46.2	1.31	2260.63
LM-13-03	367.5	368	2.63	78.95	18.42	0	2255.76
LM-13-03	368	368.5	0	0	0	0	2256.5
LM-13-03	368.5	369	0	0	0	0	2252.7
LM-13-03	369	369.5	0	100	0	0	2255.41
LM-13-03	369.5	370	11.11	69.44	13.89	2.78	2254.16
LM-13-03	370	370.5	0	100	0	0	0
LM-13-03	370.5	371	3.83	73.05	22.35	0.26	2252.97
LM-13-03	371	371.5	0.3	82.23	17.47	0	2255.79
LM-13-03	371.5	372	0	84.5	15.5	0	2259.73
LM-13-03	372	372.5	0	89.74	10.26	0	2252.75
LM-13-03	372.5	373	0	77.04	22.96	0	2259.07

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	356.5	357	0	0	34.48	65.52
LM-13-03	357	357.5	0	1.33	52	46.67
LM-13-03	357.5	358	0	0.92	69.62	29.46
LM-13-03	358	358.5	0.18	3.36	60.71	35.75
LM-13-03	358.5	359	0.21	2.79	66.01	30.99
LM-13-03	359	359.5	0	0	46.15	53.85
LM-13-03	359.5	360	0	0.39	95.54	4.07
LM-13-03	360	360.5	0	0.43	91.83	7.74
LM-13-03	360.5	361	0	0	0	0
LM-13-03	361	361.5	0	0	0	0
LM-13-03	361.5	362	0	0	0	0
LM-13-03	362	362.5	0	0	0	0
LM-13-03	362.5	363	0	0	0	0
LM-13-03	363	363.5	0	0	0	0
LM-13-03	363.5	364	0	0	0	0
LM-13-03	364	364.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-03	364.5	365	0	0	0	0
LM-13-03	365	365.5	0	0	0	0
LM-13-03	365.5	366	0	0	100	0
LM-13-03	366	366.5	0	0	0	0
LM-13-03	366.5	367	5.48	16.44	49.32	28.77
LM-13-03	367	367.5	0	0	16.67	83.33
LM-13-03	367.5	368	0	1.14	75.76	23.11
LM-13-03	368	368.5	0	4.26	55.32	40.43
LM-13-03	368.5	369	5.56	27.78	33.33	33.33
LM-13-03	369	369.5	0	0	50	50
LM-13-03	369.5	370	0	0	88.24	11.76
LM-13-03	370	370.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-03	370.5	371	0	24.62	63.08	12.31
LM-13-03	371	371.5	0	1.71	78.63	19.66
LM-13-03	371.5	372	0	0	33.33	66.67
LM-13-03	372	372.5	0	0	91.67	8.33
LM-13-03	372.5	373	0	0	0	100

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	373	373.5	19740	0.96	0.14	0	0	93.35
LM-13-03	373.5	374	14315	0.75	1.76	0	0	82.94
LM-13-03	374	374.5	19383	1.33	3.01	0	0	85.47
LM-13-03	374.5	375	19634	3.12	18.07	0	0	48.51
LM-13-03	375	375.5	19404	2.88	36.64	0	0	8.98
LM-13-03	375.5	376	11502	1.8	26.92	0	0	0
LM-13-03	376	376.5	16182	5.47	2.97	0	0	0.3
LM-13-03	376.5	377	15023	3.96	20.06	0	0.01	0.56
LM-13-03	377	377.5	18940	1.12	21.29	0	0.03	7.81
LM-13-03	377.5	378	9385	1.27	4.03	0	0	3.48
LM-13-03	378	378.5	17891	1.96	5.89	0	0.05	0.89
LM-13-03	378.5	379	17860	2.52	3.85	0	0	10.94
LM-13-03	379	379.5	15538	0.98	23.27	0	0	3.52
LM-13-03	379.5	380	12538	4.34	53.47	0	0	3.89
LM-13-03	380	380.5	19740	3.97	66.76	0	0	10.37
LM-13-03	380.5	381	19740	5.82	61.08	0	0	2.73
LM-13-03	381	381.5	1774	3.83	3.33	0	0	0
LM-13-03	381.5	382	15696	7.8	27.55	0	0	0.08
LM-13-03	382	382.5	18493	4.19	25.29	0	0	0.23
LM-13-03	382.5	383	13880	1.1	13.4	0	0	0
LM-13-03	383	383.5	10597	0.66	26.49	0	0	0.16
LM-13-03	383.5	384	15976	0.5	27.15	0	0	22
LM-13-03	384	384.5	18720	1.16	77.43	0	0	14.41
LM-13-03	384.5	385	18780	4.89	15.75	0	0	0.01
LM-13-03	385	385.5	11589	1.13	46.98	0	0	3.11
LM-13-03	385.5	386	15385	2.53	10.46	0	0	0.1
LM-13-03	386	386.5	18370	1.37	67.84	0	0	0.26
LM-13-03	386.5	387	18645	1.76	47.83	0	0	1.12
LM-13-03	387	387.5	15179	0.31	39.59	0	0	7.36
LM-13-03	387.5	388	14614	1.61	16.14	0	0	0.08
LM-13-03	388	388.5	13717	2.04	16.1	0	0	0.28
LM-13-03	388.5	389	17484	1.28	14.57	0	0	1.95
LM-13-03	389	389.5	14238	1.22	19.22	0	0	7.59

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	373	373.5	0	0.05	0	0	0	0
LM-13-03	373.5	374	0	0	0	0	0	0
LM-13-03	374	374.5	0	2.7	0	0	0	0
LM-13-03	374.5	375	0	2.59	0	0	0	0
LM-13-03	375	375.5	0	0	0	0	0	0
LM-13-03	375.5	376	0	0	0	0	0	0
LM-13-03	376	376.5	0	0	0	0	0	0
LM-13-03	376.5	377	0.11	0.07	0.01	0	0.09	0
LM-13-03	377	377.5	0.41	0.26	0	0	0	0
LM-13-03	377.5	378	0.02	0	0	0	0	0
LM-13-03	378	378.5	0.45	0.64	0.02	0	0	0
LM-13-03	378.5	379	0.04	0	0	0	0	0
LM-13-03	379	379.5	0	0	0	0	0	0
LM-13-03	379.5	380	0	0.01	0	0	0	0
LM-13-03	380	380.5	0.03	1.22	0	0	0	0
LM-13-03	380.5	381	0.09	0.1	0	0	0	0
LM-13-03	381	381.5	0	0	0	0	0	0
LM-13-03	381.5	382	0	0	0	0	0	0
LM-13-03	382	382.5	0	0	0	0	0	0
LM-13-03	382.5	383	0	0	0	0	0	0
LM-13-03	383	383.5	0	0	0	0	0	0
LM-13-03	383.5	384	0	0	0	0	0	0
LM-13-03	384	384.5	0	0	0	0	0	0
LM-13-03	384.5	385	0	0	0	0	0	0
LM-13-03	385	385.5	0.12	0	0	0	0	0
LM-13-03	385.5	386	0	0	0	0	0	0
LM-13-03	386	386.5	0	0	0	0	0	0
LM-13-03	386.5	387	0.04	0	0	0	0	0
LM-13-03	387	387.5	0	0	0	0	0	0
LM-13-03	387.5	388	0	0	0	0	0	0
LM-13-03	388	388.5	0	0	0	0	0	0
LM-13-03	388.5	389	0.01	0.06	0	0	0	0.01
LM-13-03	389	389.5	0	0.02	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	373	373.5	0.02	8.39	0	0.02	11.78
LM-13-03	373.5	374	0.2	1.98	0	0	7.87
LM-13-03	374	374.5	0.26	0.52	0	0.01	3.55
LM-13-03	374.5	375	1.47	0.03	0	0.02	20.88
LM-13-03	375	375.5	0.14	0.03	0	0.04	8.91
LM-13-03	375.5	376	0	0	0	0	0.23
LM-13-03	376	376.5	0	0	0	0	2.41
LM-13-03	376.5	377	0.01	0	0	0.03	7.07
LM-13-03	377	377.5	0.52	0	0	0.72	11.4
LM-13-03	377.5	378	0.12	0	0	0	21.94
LM-13-03	378	378.5	0	0	0	0.03	8.4
LM-13-03	378.5	379	0.13	0	0	0	17.11
LM-13-03	379	379.5	0.17	0	0	0	2.71
LM-13-03	379.5	380	0	0	0	0.03	1.72
LM-13-03	380	380.5	0.44	0	0	1.66	2.38
LM-13-03	380.5	381	0.02	0	0	0	4.47
LM-13-03	381	381.5	0.39	0	0	0	0.34
LM-13-03	381.5	382	0	0	0	0	0.65
LM-13-03	382	382.5	0	0	0	0	0.79
LM-13-03	382.5	383	0	0	0	0	2.01
LM-13-03	383	383.5	0	0	0	0	0.79
LM-13-03	383.5	384	0	0	0	0	1.86
LM-13-03	384	384.5	0	0	0	0	0.23
LM-13-03	384.5	385	0	0	0	0	0.56
LM-13-03	385	385.5	0	0	0	0	23.44
LM-13-03	385.5	386	0	0	0	0	3.41
LM-13-03	386	386.5	0	0	0	0	4.14
LM-13-03	386.5	387	0	0	0	0	7.54
LM-13-03	387	387.5	0	0	0	0	7.39
LM-13-03	387.5	388	0	0	0	0	6.06
LM-13-03	388	388.5	0	0	0	0	3.12
LM-13-03	388.5	389	0	0	0	0	32.37
LM-13-03	389	389.5	0	0.03	0	0.98	41.46

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	373	373.5	0.02	0	0	5.16	0.06
LM-13-03	373.5	374	0.2	0	0	5.83	0
LM-13-03	374	374.5	2.15	1.07	0	4.39	0
LM-13-03	374.5	375	13.14	0.6	0.03	0.6	0
LM-13-03	375	375.5	42.14	0	0	0.02	0
LM-13-03	375.5	376	61.02	0	0	0	0
LM-13-03	376	376.5	84.66	0	0	0	0
LM-13-03	376.5	377	62.78	1.56	0.04	0	0
LM-13-03	377	377.5	49.42	0.12	0	0	0
LM-13-03	377.5	378	68.34	0.2	0.15	0	0
LM-13-03	378	378.5	81.99	0.12	0	0	0
LM-13-03	378.5	379	64.44	0.09	0	0	0
LM-13-03	379	379.5	60.55	0	0	0	0
LM-13-03	379.5	380	32.6	0.13	0.2	0	0
LM-13-03	380	380.5	12.52	0.99	0.02	0	0
LM-13-03	380.5	381	24.77	0.25	0.16	0	0
LM-13-03	381	381.5	92.5	0	0	0	0
LM-13-03	381.5	382	50.32	0	0	0	0
LM-13-03	382	382.5	69.72	0	0	0	0
LM-13-03	382.5	383	65.61	0	0	0	0
LM-13-03	383	383.5	52.68	0	0	0	0
LM-13-03	383.5	384	41.86	0	0	0	0
LM-13-03	384	384.5	4.82	0.02	0	0	0
LM-13-03	384.5	385	78.8	0	0	0	0
LM-13-03	385	385.5	25.16	1.52	0.04	0	0
LM-13-03	385.5	386	74.31	0	0	0	0
LM-13-03	386	386.5	26.53	0.06	0.04	0	0
LM-13-03	386.5	387	42.08	0.09	0.1	0	0
LM-13-03	387	387.5	43.67	1.65	0	0	0
LM-13-03	387.5	388	73.09	0.03	0	0	0
LM-13-03	388	388.5	74.86	0	0	0	0
LM-13-03	388.5	389	49.37	0.19	0.04	0	0
LM-13-03	389	389.5	23.38	0.49	0.05	0.05	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	373	373.5	0	0	0.49	2206.74	0
LM-13-03	373.5	374	0	0	0.44	2206.98	0
LM-13-03	374	374.5	0	0	0.39	2206.82	0.24
LM-13-03	374.5	375	0	0	0.43	2207.52	0.87
LM-13-03	375	375.5	0	0	0.7	2205.96	0
LM-13-03	375.5	376	0	0	0	0	0
LM-13-03	376	376.5	0	0	0	0	0
LM-13-03	376.5	377	2344.33	954.47	0	0	0
LM-13-03	377	377.5	2344.2	0	0	0	0
LM-13-03	377.5	378	0	0	0	0	0
LM-13-03	378	378.5	2346.29	0	0	0	0
LM-13-03	378.5	379	0	0	0	0	0
LM-13-03	379	379.5	0	0	0	0	0
LM-13-03	379.5	380	0	0	0	0	0
LM-13-03	380	380.5	0	0	0	0	0
LM-13-03	380.5	381	0	0	0	0	0
LM-13-03	381	381.5	0	0	0	0	0
LM-13-03	381.5	382	0	0	0	0	0
LM-13-03	382	382.5	0	0	0	0	0
LM-13-03	382.5	383	0	0	0	0	0
LM-13-03	383	383.5	0	0	0	0	0
LM-13-03	383.5	384	0	0	0	0	0
LM-13-03	384	384.5	0	0	0	0	0
LM-13-03	384.5	385	0	0	0	0	0
LM-13-03	385	385.5	0	0	0	0	0
LM-13-03	385.5	386	0	0	0	0	0
LM-13-03	386	386.5	0	0	0	0	0
LM-13-03	386.5	387	0	0	0	0	0
LM-13-03	387	387.5	0	0	0	0	0
LM-13-03	387.5	388	0	0	0	0	0
LM-13-03	388	388.5	0	0	0	0	0
LM-13-03	388.5	389	0	0	0	0	0
LM-13-03	389	389.5	0	0	0.52	2205.05	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	373	373.5	0.18	76.77	22.96	0.09	2255.26
LM-13-03	373.5	374	0.35	74.07	25.58	0	0
LM-13-03	374	374.5	0.6	68.92	28.3	1.93	2256.89
LM-13-03	374.5	375	0	53.91	45.22	0	2255.64
LM-13-03	375	375.5	0	100	0	0	0
LM-13-03	375.5	376	0	0	0	0	0
LM-13-03	376	376.5	0	0	0	0	0
LM-13-03	376.5	377	0	0	0	0	2251.59
LM-13-03	377	377.5	0	0	0	0	2254.95
LM-13-03	377.5	378	0	0	0	0	0
LM-13-03	378	378.5	0	0	0	0	2256.24
LM-13-03	378.5	379	0	0	0	0	0
LM-13-03	379	379.5	0	0	0	0	0
LM-13-03	379.5	380	0	0	0	0	2256.69
LM-13-03	380	380.5	0	0	0	0	2255.72
LM-13-03	380.5	381	0	0	0	0	2257.34
LM-13-03	381	381.5	0	0	0	0	0
LM-13-03	381.5	382	0	0	0	0	0
LM-13-03	382	382.5	0	0	0	0	0
LM-13-03	382.5	383	0	0	0	0	0
LM-13-03	383	383.5	0	0	0	0	0
LM-13-03	383.5	384	0	0	0	0	0
LM-13-03	384	384.5	0	0	0	0	0
LM-13-03	384.5	385	0	0	0	0	0
LM-13-03	385	385.5	0	0	0	0	0
LM-13-03	385.5	386	0	0	0	0	0
LM-13-03	386	386.5	0	0	0	0	0
LM-13-03	386.5	387	0	0	0	0	0
LM-13-03	387	387.5	0	0	0	0	0
LM-13-03	387.5	388	0	0	0	0	0
LM-13-03	388	388.5	0	0	0	0	0
LM-13-03	388.5	389	0	0	0	0	2256.12
LM-13-03	389	389.5	0	100	0	0	2256.33

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	373	373.5	0	0	77.78	22.22
LM-13-03	373.5	374	0	0	0	0
LM-13-03	374	374.5	0	0.82	58.57	40.61
LM-13-03	374.5	375	0	1.2	80.44	18.36
LM-13-03	375	375.5	0	0	0	0
LM-13-03	375.5	376	0	0	0	0
LM-13-03	376	376.5	0	0	0	0
LM-13-03	376.5	377	0	10	90	0
LM-13-03	377	377.5	0	0	100	0
LM-13-03	377.5	378	0	0	0	0
LM-13-03	378	378.5	0	0	74.78	25.22
LM-13-03	378.5	379	0	0	0	0
LM-13-03	379	379.5	0	0	0	0
LM-13-03	379.5	380	0	0	100	0
LM-13-03	380	380.5	0	2.09	79.5	18.41
LM-13-03	380.5	381	0	0	42.11	57.89
LM-13-03	381	381.5	0	0	0	0
LM-13-03	381.5	382	0	0	0	0
LM-13-03	382	382.5	0	0	0	0
LM-13-03	382.5	383	0	0	0	0
LM-13-03	383	383.5	0	0	0	0
LM-13-03	383.5	384	0	0	0	0
LM-13-03	384	384.5	0	0	0	0
LM-13-03	384.5	385	0	0	0	0
LM-13-03	385	385.5	0	0	0	0
LM-13-03	385.5	386	0	0	0	0
LM-13-03	386	386.5	0	0	0	0
LM-13-03	386.5	387	0	0	0	0
LM-13-03	387	387.5	0	0	0	0
LM-13-03	387.5	388	0	0	0	0
LM-13-03	388	388.5	0	0	0	0
LM-13-03	388.5	389	0	0	100	0
LM-13-03	389	389.5	0	0	66.67	33.33

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	389.5	390	15887	7.11	22.15	0	0	0
LM-13-03	390	390.5	18720	5.13	33.96	0	0	9.48
LM-13-03	390.5	391	18494	2.68	11.47	0	0.19	30.21
LM-13-03	391	391.5	13651	1.17	16.64	0	0.04	10.37
LM-13-03	391.5	392	20575	2.4	16.33	0	0.01	0.66
LM-13-03	392	392.5	23278	4.82	16.46	0	0	6.3
LM-13-03	392.5	393	20667	1.6	6.68	0	0	6
LM-13-03	393	393.5	15855	0.93	0.8	0	0	0.8
LM-13-03	393.5	394	22634	2.55	8.3	0	0.01	3.51
LM-13-03	394	394.5	21808	1.95	7.8	0	0.2	16.53
LM-13-03	394.5	395	13435	1.79	13.17	0	0.36	16.29
LM-13-03	395	395.5	22740	3.57	15.67	0	0	16.87
LM-13-03	395.5	396	19705	3.28	11.18	0	0	1.93
LM-13-03	396	396.5	17302	5.8	12.13	0	0.02	30
LM-13-03	396.5	397	22488	4.04	6.39	0	0	11.02
LM-13-03	397	397.5	23080	2.04	6.33	0	0	1.9
LM-13-03	397.5	398	9962	1.67	2.93	0	0	0
LM-13-03	398	398.5	22457	3.17	9.38	0	0.54	18.78
LM-13-03	398.5	399	22251	3.46	14.66	0	0	5.87
LM-13-03	399	399.5	15766	3.9	6.41	0	0	3.94
LM-13-03	399.5	400	13863	13.14	3.05	0	0	2.16
LM-13-03	400	400.5	16251	1.3	1.47	0	0	14.03
LM-13-03	400.5	401	17727	2.58	18.84	0	0	24.55
LM-13-03	401	401.5	9142	2.87	8.5	0	0	12.54
LM-13-03	401.5	402	18890	3.39	24.19	0	0	3.25
LM-13-03	402	402.5	18063	1.97	16.17	0	0	0
LM-13-03	402.5	403	17833	2.36	25.3	0	0.01	23.84
LM-13-03	403	403.5	5523	2.23	23.48	0	0	30.94
LM-13-03	403.5	404	18251	4.42	33.55	0	0.36	22.38
LM-13-03	404	404.5	16452	7.66	23.28	0	0	2.41
LM-13-03	404.5	405	19100	7.38	21.17	0	0	17.27
LM-13-03	405	405.5	13331	2.67	8.15	0	0	9.95
LM-13-03	405.5	406	19169	7.24	20.54	0	0.72	0.9

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	389.5	390	0	0	0	0	0	0
LM-13-03	390	390.5	0.11	0.01	0	0	0	0.02
LM-13-03	390.5	391	0.71	1.69	0	0	0	0.02
LM-13-03	391	391.5	2.56	0	0	0	0	0
LM-13-03	391.5	392	1.69	0	0	0	0	0
LM-13-03	392	392.5	0	0	0	0	0	0.02
LM-13-03	392.5	393	0	0	0	0	0	0
LM-13-03	393	393.5	0.08	0	0	0	0	0
LM-13-03	393.5	394	0.31	0.01	0	0	0	0
LM-13-03	394	394.5	0.65	2.51	0.25	0	0	0.03
LM-13-03	394.5	395	6.71	0	0	0	0	0.01
LM-13-03	395	395.5	0.18	0	0	0	0	0.06
LM-13-03	395.5	396	0	0	0	0	0	0.01
LM-13-03	396	396.5	0.99	0.01	0	0	0	0
LM-13-03	396.5	397	0.01	0.01	0	0	0	0
LM-13-03	397	397.5	0	0	0	0	0	0.01
LM-13-03	397.5	398	0	0	0	0	0	0
LM-13-03	398	398.5	2.23	3.62	0.02	0	0	0
LM-13-03	398.5	399	0.13	0	0	0	0	0
LM-13-03	399	399.5	0	0	0	0	0	0
LM-13-03	399.5	400	0.08	0	0	0	0	0.01
LM-13-03	400	400.5	0.3	0	0	0	0	0
LM-13-03	400.5	401	0	0	0	0	0	0
LM-13-03	401	401.5	0.03	3.33	0.16	0	0	0.08
LM-13-03	401.5	402	0	0	0	0	0	0
LM-13-03	402	402.5	0	0	0	0	0	0
LM-13-03	402.5	403	0.03	0.16	0	0	0	0
LM-13-03	403	403.5	0	0	0	0	0	0
LM-13-03	403.5	404	2.38	0.38	0	0	0	0
LM-13-03	404	404.5	0.05	0	0	0	0	0
LM-13-03	404.5	405	0.04	0.16	0.01	0	0	0
LM-13-03	405	405.5	0.2	0.08	0.11	0	0	0
LM-13-03	405.5	406	6.23	1.71	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	389.5	390	0	0.01	0	0	3.8
LM-13-03	390	390.5	0	0.01	0	0	11.84
LM-13-03	390.5	391	0	0	0	1.6	20.62
LM-13-03	391	391.5	0	0	0	0	25.01
LM-13-03	391.5	392	0	0	0	0.07	6.97
LM-13-03	392	392.5	0	0	0.16	0.54	10.19
LM-13-03	392.5	393	0	0	0	0	7.66
LM-13-03	393	393.5	0	0.11	0	0.01	4.18
LM-13-03	393.5	394	0	0.06	0	0	18.67
LM-13-03	394	394.5	0	0.03	0	0.15	9.14
LM-13-03	394.5	395	0	0.01	0	0	15.86
LM-13-03	395	395.5	0	0	0	0.01	12.02
LM-13-03	395.5	396	0	0	0	0	28.29
LM-13-03	396	396.5	0	0	0	0	18.58
LM-13-03	396.5	397	0	0.18	0.25	0.95	8.82
LM-13-03	397	397.5	0	0	0	0	10.82
LM-13-03	397.5	398	0	0	0	0	5.4
LM-13-03	398	398.5	0.09	0.03	0.19	4.94	8.55
LM-13-03	398.5	399	0.04	0.16	0	0.94	5.74
LM-13-03	399	399.5	0	0	0	0	4.83
LM-13-03	399.5	400	0	0.3	0	0	6.22
LM-13-03	400	400.5	0	0	0	0	2.89
LM-13-03	400.5	401	0	0	0	0	12.38
LM-13-03	401	401.5	0.05	1.82	0	4.34	28.25
LM-13-03	401.5	402	0	0.21	0	0	12.5
LM-13-03	402	402.5	0	0	0	0	3.52
LM-13-03	402.5	403	0	0	0	0	9.77
LM-13-03	403	403.5	0	0	0	0	2.28
LM-13-03	403.5	404	0	0.04	0	0	7.4
LM-13-03	404	404.5	0	0	0	0	18.22
LM-13-03	404.5	405	0	0.6	0	0.02	12.93
LM-13-03	405	405.5	0.01	0.11	0	0.26	7.37
LM-13-03	405.5	406	0	6.02	0	0.17	7.38

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	389.5	390	61.76	0	0	0	0
LM-13-03	390	390.5	35.37	0.84	0.17	0.01	0
LM-13-03	390.5	391	32.84	2.47	0.52	0.07	0
LM-13-03	391	391.5	42.85	1.46	0.02	0	0
LM-13-03	391.5	392	67.48	0.95	0.01	0.02	0.01
LM-13-03	392	392.5	60.95	0	0.04	0	0
LM-13-03	392.5	393	77.86	0.05	0	0	0
LM-13-03	393	393.5	90.41	0.21	0.03	0	0
LM-13-03	393.5	394	67.22	1	0.05	0.29	0
LM-13-03	394	394.5	51.71	2	0	2.52	0.44
LM-13-03	394.5	395	41.02	1.63	0	0	0
LM-13-03	395	395.5	48.59	1.01	0.25	0	0
LM-13-03	395.5	396	52.28	0	0	0	0
LM-13-03	396	396.5	22.38	0.28	0.01	0	0
LM-13-03	396.5	397	67.49	0.28	0.04	0.26	0
LM-13-03	397	397.5	79.06	0	0	0.09	0
LM-13-03	397.5	398	90	0.01	0	0	0
LM-13-03	398	398.5	53.82	0.73	0.05	0.98	0.07
LM-13-03	398.5	399	68.81	0.62	0.05	0.1	0
LM-13-03	399	399.5	79.91	0.01	0	0	0
LM-13-03	399.5	400	71.11	0.22	0	0.06	0
LM-13-03	400	400.5	66.76	0.11	0	0.01	0
LM-13-03	400.5	401	38.39	0.03	0	0.01	0
LM-13-03	401	401.5	35.9	1.2	0	0.2	0
LM-13-03	401.5	402	52.83	0	0	0.06	0
LM-13-03	402	402.5	78.34	0	0	0	0
LM-13-03	402.5	403	31.81	0.38	0	0.38	0.05
LM-13-03	403	403.5	4.22	0.05	0	0	0
LM-13-03	403.5	404	16.8	2.64	0.31	0.6	0.08
LM-13-03	404	404.5	37.07	0.6	0.01	0	0
LM-13-03	404.5	405	39.17	0.47	0.01	0.16	0.01
LM-13-03	405	405.5	66.53	0.68	0.02	0.39	0.02
LM-13-03	405.5	406	48.62	8.31	0	1.63	0.19

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	389.5	390	0	0	0	0	0
LM-13-03	390	390.5	0	908	0.61	2203.97	0
LM-13-03	390.5	391	2350.84	912.17	0.44	2202.16	0
LM-13-03	391	391.5	2348.23	0	0	0	0
LM-13-03	391.5	392	2340.8	0	0.43	2203.66	0
LM-13-03	392	392.5	0	956	0	0	0
LM-13-03	392.5	393	0	0	0	0	0
LM-13-03	393	393.5	0	0	0	0	0
LM-13-03	393.5	394	2329	0	0.4	2202.3	0
LM-13-03	394	394.5	2344.01	0	0.83	2201.58	0.54
LM-13-03	394.5	395	2344.83	0	0	0	0
LM-13-03	395	395.5	0	896	0	0	#DIV/0!
LM-13-03	395.5	396	0	0	0	0	0
LM-13-03	396	396.5	2345.77	0	0	0	0
LM-13-03	396.5	397	0	0	0.72	2204.55	0
LM-13-03	397	397.5	0	0	0.4	2204.98	5
LM-13-03	397.5	398	0	0	0	0	0
LM-13-03	398	398.5	2347.02	0	0.5	2203.51	0.89
LM-13-03	398.5	399	0	0	0.65	2205.44	0
LM-13-03	399	399.5	0	0	0	0	0
LM-13-03	399.5	400	0	928	0.77	2205.34	0
LM-13-03	400	400.5	0	0	0	0	#DIV/0!
LM-13-03	400.5	401	0	0	0	0	#DIV/0!
LM-13-03	401	401.5	0	865.98	0.6	2205.53	0
LM-13-03	401.5	402	0	0	0.88	2206.05	0
LM-13-03	402	402.5	0	0	0	0	0
LM-13-03	402.5	403	2347.09	0	0.86	2203.94	0
LM-13-03	403	403.5	0	0	0	0	0
LM-13-03	403.5	404	2345.04	0	0.55	2204.22	0
LM-13-03	404	404.5	0	0	0	0	0
LM-13-03	404.5	405	0	0	0.52	2205.5	0
LM-13-03	405	405.5	0	0	0.6	2202.39	0
LM-13-03	405.5	406	2344.3	0	0.74	2204.52	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	389.5	390	0	0	0	0	0
LM-13-03	390	390.5	0	100	0	0	2256
LM-13-03	390.5	391	37.5	50	12.5	0	2256.07
LM-13-03	391	391.5	0	0	0	0	0
LM-13-03	391.5	392	0	100	0	0	0
LM-13-03	392	392.5	0	0	0	0	0
LM-13-03	392.5	393	0	0	0	0	0
LM-13-03	393	393.5	0	0	0	0	0
LM-13-03	393.5	394	28.13	64.06	7.81	0	2256.66
LM-13-03	394	394.5	24.64	73.37	1.45	0	2257.14
LM-13-03	394.5	395	0	0	0	0	0
LM-13-03	395	395.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-03	395.5	396	0	0	0	0	0
LM-13-03	396	396.5	0	0	0	0	2264.17
LM-13-03	396.5	397	0	98.31	1.69	0	2252.17
LM-13-03	397	397.5	10	70	15	0	0
LM-13-03	397.5	398	0	0	0	0	0
LM-13-03	398	398.5	17.86	69.2	10.71	1.34	2258.05
LM-13-03	398.5	399	0	100	0	0	0
LM-13-03	399	399.5	0	0	0	0	0
LM-13-03	399.5	400	0	81.82	18.18	0	0
LM-13-03	400	400.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-03	400.5	401	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-03	401	401.5	0	100	0	0	2255.26
LM-13-03	401.5	402	0	100	0	0	0
LM-13-03	402	402.5	0	0	0	0	0
LM-13-03	402.5	403	4.41	94.12	1.47	0	2260.04
LM-13-03	403	403.5	0	0	0	0	0
LM-13-03	403.5	404	6.54	85.05	8.41	0	2257.39
LM-13-03	404	404.5	0	0	0	0	0
LM-13-03	404.5	405	0	90	10	0	2255.38
LM-13-03	405	405.5	0	100	0	0	2256.89
LM-13-03	405.5	406	1.29	95.16	3.55	0	2254.54

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	389.5	390	0	0	0	0
LM-13-03	390	390.5	0	0	100	0
LM-13-03	390.5	391	0	0.98	74.18	24.84
LM-13-03	391	391.5	0	0	0	0
LM-13-03	391.5	392	0	0	0	0
LM-13-03	392	392.5	0	0	0	0
LM-13-03	392.5	393	0	0	0	0
LM-13-03	393	393.5	0	0	0	0
LM-13-03	393.5	394	0	0	66.67	33.33
LM-13-03	394	394.5	0	0.56	54.21	45.23
LM-13-03	394.5	395	0	0	0	0
LM-13-03	395	395.5	0	0	0	0
LM-13-03	395.5	396	0	0	0	0
LM-13-03	396	396.5	0	0	0	100
LM-13-03	396.5	397	0	0	100	0
LM-13-03	397	397.5	0	0	0	0
LM-13-03	397.5	398	0	0	0	0
LM-13-03	398	398.5	0	0	28.78	71.22
LM-13-03	398.5	399	0	0	0	0
LM-13-03	399	399.5	0	0	0	0
LM-13-03	399.5	400	0	0	0	0
LM-13-03	400	400.5	0	0	0	0
LM-13-03	400.5	401	0	0	0	0
LM-13-03	401	401.5	0	1.32	84.44	14.24
LM-13-03	401.5	402	0	0	0	0
LM-13-03	402	402.5	0	0	0	0
LM-13-03	402.5	403	0	0	6.9	93.1
LM-13-03	403	403.5	0	0	0	0
LM-13-03	403.5	404	0	0	44.29	55.71
LM-13-03	404	404.5	0	0	0	0
LM-13-03	404.5	405	0	7.14	53.57	39.29
LM-13-03	405	405.5	0	0	50	50
LM-13-03	405.5	406	0	4.05	74.45	21.5

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	spectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	406	406.5	18861	29.73	19.75	0	0.02	1.77
LM-13-03	406.5	407	19740	14.68	25.39	0	1.8	5.93
LM-13-03	407	407.5	15986	4.07	20.37	0	0.94	9.5
LM-13-03	407.5	408	18909	3.27	20.57	0	0.09	8.31
LM-13-03	408	408.5	16334	9.83	7.78	0	0	3.07
LM-13-03	408.5	409	12329	4.4	7.34	0	0	1.79
LM-13-03	409	409.5	14965	3.55	8.38	0	0.18	14.49
LM-13-03	409.5	410	20713	2.87	5.54	0	0.18	1.34
LM-13-03	410	410.5	20820	1.16	13.67	0	0	2.05
LM-13-03	410.5	411	6404	6.31	13.48	0	0.02	5.42
LM-13-03	411	411.5	20757	18.71	26.14	0	0.21	2.38
LM-13-03	411.5	412	20459	4.3	24.49	0	0.55	21.24
LM-13-03	412	412.5	17492	9.1	11.89	0	0.23	12.31
LM-13-03	412.5	413	10097	6.7	4.44	0	0	22.87
LM-13-03	413	413.5	18772	7.3	20.89	0	0.25	21.92
LM-13-03	413.5	414	17131	7.9	23.88	0	0.95	16.94
LM-13-03	414	414.5	11319	6.38	12.21	0	0.62	9.91
LM-13-03	414.5	415	19400	7.09	23.94	0	0.08	16.94
LM-13-03	415	415.5	20659	4.83	16.85	0	0.02	20.46
LM-13-03	415.5	416	19405	3.15	14.42	0	0.05	9.68
LM-13-03	416	416.5	7370	6.78	12.94	0	0.16	24.59
LM-13-03	416.5	417	20820	7.98	33.52	0	1.87	10.19
LM-13-03	417	417.5	19486	3.72	29.95	0	0	22.22
LM-13-03	417.5	418	12434	3.44	21.22	0	0.22	45.17
LM-13-03	418	418.5	17856	4.77	3.76	0	0.82	5.26
LM-13-03	418.5	419	19249	3.72	3	0.08	0.25	9.59
LM-13-03	419	419.5	18489	2.41	4.76	0	0.15	24.9
LM-13-03	419.5	420	16125	1.72	13.24	0	0	1.61
LM-13-03	420	420.5	21825	3.43	18.92	0	0.01	15.12
LM-13-03	420.5	421	21950	0.95	7.28	0	0.32	32.86
LM-13-03	421	421.5	18973	2.91	9.94	0	0.02	64.05
LM-13-03	421.5	422	22080	2.14	9.01	0	0.02	43.22
LM-13-03	422	422.5	20405	9.32	15.84	0	0.53	13.66

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	406	406.5	0.27	0.17	0	0	0	0.34
LM-13-03	406.5	407	4.56	2.8	0.01	0	0	0
LM-13-03	407	407.5	6	2.1	0.24	0	0	0
LM-13-03	407.5	408	0.98	3.01	0.05	0	0	0
LM-13-03	408	408.5	0.03	0.51	0	0	0	0
LM-13-03	408.5	409	0	0	0	0	0	0
LM-13-03	409	409.5	1.18	3.26	0.03	0	0	0.07
LM-13-03	409.5	410	1.05	1.26	0	0	0	0
LM-13-03	410	410.5	0.16	0.12	0	0	0	0
LM-13-03	410.5	411	2.17	0.05	0	0	0	0
LM-13-03	411	411.5	2.2	1.9	0	0	0	0
LM-13-03	411.5	412	4.56	2.11	0	0	0	0
LM-13-03	412	412.5	3.96	1.46	0.05	0	0	0.14
LM-13-03	412.5	413	1.01	0.72	0.07	0	0	0
LM-13-03	413	413.5	1.99	0.8	0.03	0	0	0
LM-13-03	413.5	414	2.95	2.22	0.02	0	0	0
LM-13-03	414	414.5	3.3	2.46	0.01	0	0	0
LM-13-03	414.5	415	0.95	1.29	0	0	0	0
LM-13-03	415	415.5	0.53	2.18	0.01	0	0	0
LM-13-03	415.5	416	0.54	0	0	0	0.03	0.56
LM-13-03	416	416.5	0.91	1.71	0.07	0	0	0
LM-13-03	416.5	417	5.88	2.01	0.06	0	0	0
LM-13-03	417	417.5	0.14	0.01	0	0	0	0
LM-13-03	417.5	418	1.67	1.94	0.01	0	0	0
LM-13-03	418	418.5	2.49	8.66	0.03	0	0	0
LM-13-03	418.5	419	1.26	1.69	0.02	0	0	0
LM-13-03	419	419.5	0.51	3.14	0	0	0	0
LM-13-03	419.5	420	0	0	0	0	0	0
LM-13-03	420	420.5	0.09	0.36	0	0	0	0
LM-13-03	420.5	421	2.23	0	0	0	0	0
LM-13-03	421	421.5	0.2	0.01	0	0	0	0
LM-13-03	421.5	422	0.1	0.06	0	0	0.01	0
LM-13-03	422	422.5	4.36	3.73	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	406	406.5	0.05	2.5	0.01	0.15	7.48
LM-13-03	406.5	407	0	0.11	0	1.09	3.71
LM-13-03	407	407.5	0	0.01	0	0.68	15.88
LM-13-03	407.5	408	0	0.01	0	0	13.48
LM-13-03	408	408.5	0.01	0	0	0.04	9.39
LM-13-03	408.5	409	0	0	0	0.02	9.39
LM-13-03	409	409.5	0	0.05	0	0.49	24.58
LM-13-03	409.5	410	0	0.17	1.01	4.5	8.06
LM-13-03	410	410.5	0.02	0.21	0.32	1.16	6.07
LM-13-03	410.5	411	0	0.02	0	0	22.41
LM-13-03	411	411.5	0	0.13	0	0	7.46
LM-13-03	411.5	412	0	0.03	0	0.31	3.5
LM-13-03	412	412.5	0	0.06	0	1.04	14.57
LM-13-03	412.5	413	0	0.32	0.1	9.87	27.9
LM-13-03	413	413.5	0	0.01	0	0.18	12.88
LM-13-03	413.5	414	0.01	0.08	0.22	9.56	13.93
LM-13-03	414	414.5	0	0.26	0	0.11	17.06
LM-13-03	414.5	415	0.03	0.01	0	0.39	15.86
LM-13-03	415	415.5	0	0.02	0	0	10.96
LM-13-03	415.5	416	0	0	0	0.01	13.67
LM-13-03	416	416.5	0	0	0	0	8.25
LM-13-03	416.5	417	0	0	0.1	1.62	5.87
LM-13-03	417	417.5	0	0	0	0	7.5
LM-13-03	417.5	418	0	0.02	0	0	5.26
LM-13-03	418	418.5	0	0.51	0	0.02	35.67
LM-13-03	418.5	419	0.06	0.39	0	1.19	35.96
LM-13-03	419	419.5	0	0.38	0	0.01	29.92
LM-13-03	419.5	420	0	0	0	0	30.2
LM-13-03	420	420.5	0	0	0	0	30.03
LM-13-03	420.5	421	0	0.08	0.04	3.64	35.49
LM-13-03	421	421.5	0	0	0.01	1.55	11.43
LM-13-03	421.5	422	0	0.01	0	0.01	31.75
LM-13-03	422	422.5	0	0.28	0	0.18	24.68

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	406	406.5	37.24	0.82	0	0.11	0.02
LM-13-03	406.5	407	39.21	2.88	0.06	1.13	0.13
LM-13-03	407	407.5	37.79	4.42	0.04	2.17	0.61
LM-13-03	407.5	408	48.54	3.95	0.03	0.58	0.02
LM-13-03	408	408.5	69.1	0.37	0.12	0.05	0
LM-13-03	408.5	409	78.06	0.09	0.01	0.12	0
LM-13-03	409	409.5	36.87	2.91	0.36	1.27	0.09
LM-13-03	409.5	410	77.61	0.62	0.01	0.24	0
LM-13-03	410	410.5	76.75	0.4	0	0.07	0
LM-13-03	410.5	411	37.88	3.15	0.11	0.17	0
LM-13-03	411	411.5	40	1.49	0.01	1.59	0.2
LM-13-03	411.5	412	36.6	2.88	0.34	1.42	0.08
LM-13-03	412	412.5	42.75	5.16	0.46	1.94	0.31
LM-13-03	412.5	413	24.19	3.23	1.15	2.78	0.42
LM-13-03	413	413.5	25.58	4.47	0.02	0.76	0.28
LM-13-03	413.5	414	21.36	3.85	0.09	3.02	0.18
LM-13-03	414	414.5	32.94	4.61	0.02	2.41	0.09
LM-13-03	414.5	415	29.98	3.46	0.09	2.34	0.06
LM-13-03	415	415.5	41.15	2.6	0.05	0.71	0.08
LM-13-03	415.5	416	57.15	1.21	0.1	0.01	0
LM-13-03	416	416.5	29.63	1.64	0	0.99	0.08
LM-13-03	416.5	417	30.32	1.51	0.07	0.93	0.12
LM-13-03	417	417.5	30.81	0.5	0	0.02	0
LM-13-03	417.5	418	12.45	4.55	0.04	1.38	0.21
LM-13-03	418	418.5	33.46	4.73	0.16	4.61	0.79
LM-13-03	418.5	419	45.54	1.8	0.32	2.73	0.21
LM-13-03	419	419.5	29.93	2.21	0.08	0.53	0.04
LM-13-03	419.5	420	49.7	0	0	0	0
LM-13-03	420	420.5	29.69	0.54	0.03	0.21	0
LM-13-03	420.5	421	15.42	1.37	0.13	0.1	0
LM-13-03	421	421.5	3.69	0.24	0.06	0.01	0
LM-13-03	421.5	422	11.49	0.48	0	0.1	0
LM-13-03	422	422.5	30.58	1.29	0.17	0.06	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	406	406.5	0	876.5	0.48	2204.89	0
LM-13-03	406.5	407	2344.89	0	0.64	2201.13	3.54
LM-13-03	407	407.5	2344.67	0	0.75	2201.84	0.29
LM-13-03	407.5	408	2344.52	0	0.51	2201.02	3.81
LM-13-03	408	408.5	0	0	0.34	2200.12	0
LM-13-03	408.5	409	0	0	0.47	2208.01	0
LM-13-03	409	409.5	2344	960	0.48	2203.03	3.78
LM-13-03	409.5	410	2344.46	0	1.52	2204.2	0
LM-13-03	410	410.5	0	0	0.9	2206.18	0
LM-13-03	410.5	411	2346.48	0	0.42	2203.82	0
LM-13-03	411	411.5	2350.56	0	0.64	2201.3	0.9
LM-13-03	411.5	412	2346.05	0	0.5	2202.56	1.74
LM-13-03	412	412.5	2345.91	0	0.55	2202.2	1.49
LM-13-03	412.5	413	0	0	0.71	2203.5	0
LM-13-03	413	413.5	2342.45	0	0.83	2202.79	2.05
LM-13-03	413.5	414	2342.45	0	0.48	2203.89	0.39
LM-13-03	414	414.5	2343	0	0.51	2204.45	0
LM-13-03	414.5	415	2346.51	0	0.57	2203.72	1.32
LM-13-03	415	415.5	2345.33	0	0.75	2202.19	3.36
LM-13-03	415.5	416	2315.73	868.73	0.24	2206.7	50
LM-13-03	416	416.5	2343.75	0	0.46	2201.23	0
LM-13-03	416.5	417	2344.76	0	0.64	2200.83	0
LM-13-03	417	417.5	0	0	0.27	2207.59	0
LM-13-03	417.5	418	2343.16	0	0.54	2201.33	3.51
LM-13-03	418	418.5	2348.84	0	0.58	2202.67	2.1
LM-13-03	418.5	419	2330.74	0	0.62	2203.86	0.58
LM-13-03	419	419.5	2341.68	0	0.49	2204.47	0
LM-13-03	419.5	420	0	0	0	0	0
LM-13-03	420	420.5	2335.82	0	0.49	2203.17	0
LM-13-03	420.5	421	2344.13	0	0.42	2203.09	0
LM-13-03	421	421.5	2329.88	0	0.23	0	#DIV/0!
LM-13-03	421.5	422	0	892.48	0.31	2205.13	0
LM-13-03	422	422.5	2348.16	0	0.89	2204.35	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	406	406.5	0	86.96	13.04	0	2255.83
LM-13-03	406.5	407	30.09	65.49	0.88	0	2257.2
LM-13-03	407	407.5	17.35	80.59	1.47	0.29	2257.97
LM-13-03	407.5	408	26.67	65.71	3.81	0	2257.32
LM-13-03	408	408.5	55.56	44.44	0	0	2257.6
LM-13-03	408.5	409	0	53.33	46.67	0	0
LM-13-03	409	409.5	17.84	68.65	9.19	0.54	2258.54
LM-13-03	409.5	410	0	100	0	0	2256.79
LM-13-03	410	410.5	0	86.67	13.33	0	2258.07
LM-13-03	410.5	411	8.33	83.33	8.33	0	2262.18
LM-13-03	411	411.5	29.73	66.67	2.7	0	2257.91
LM-13-03	411.5	412	20.21	75.96	2.09	0	2257.54
LM-13-03	412	412.5	17.01	78.81	2.39	0.3	2257.89
LM-13-03	412.5	413	3.93	93.57	2.5	0	2259.28
LM-13-03	413	413.5	7.79	88.11	1.64	0.41	2259.47
LM-13-03	413.5	414	16.08	68.04	14.12	1.37	2258.66
LM-13-03	414	414.5	5.64	83.83	10.53	0	2258.95
LM-13-03	414.5	415	9.69	83.26	5.73	0	2257.78
LM-13-03	415	415.5	22.15	65.77	8.72	0	2257.1
LM-13-03	415.5	416	0	50	0	0	0
LM-13-03	416	416.5	34.72	65.28	0	0	2257.24
LM-13-03	416.5	417	36.98	61.46	1.04	0.52	2257.19
LM-13-03	417	417.5	0	50	50	0	2259.15
LM-13-03	417.5	418	33.33	52.05	10.53	0.58	2257.32
LM-13-03	418	418.5	16.48	76.55	3.87	1	2257.3
LM-13-03	418.5	419	6.81	88.52	4.09	0	2257.19
LM-13-03	419	419.5	10.31	78.35	10.31	1.03	2257.01
LM-13-03	419.5	420	0	0	0	0	0
LM-13-03	420	420.5	0	100	0	0	2256.98
LM-13-03	420.5	421	8.7	91.3	0	0	2257.17
LM-13-03	421	421.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2259.3
LM-13-03	421.5	422	4.17	79.17	12.5	4.17	2259.98
LM-13-03	422	422.5	0	100	0	0	2256.94

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	406	406.5	0	12.5	53.13	34.38
LM-13-03	406.5	407	0.19	1.12	43.47	55.22
LM-13-03	407	407.5	0	0	31.58	68.42
LM-13-03	407.5	408	0	0	50.44	49.56
LM-13-03	408	408.5	0	0	44.44	55.56
LM-13-03	408.5	409	0	0	0	0
LM-13-03	409	409.5	0	0	22.08	77.92
LM-13-03	409.5	410	0	0	51.95	48.05
LM-13-03	410	410.5	0	0	20.83	79.17
LM-13-03	410.5	411	0	0	0	100
LM-13-03	411	411.5	0.26	0	32.13	67.61
LM-13-03	411.5	412	0	0.47	38.69	60.84
LM-13-03	412	412.5	0	0.79	23.81	75.4
LM-13-03	412.5	413	0	0	5.63	94.37
LM-13-03	413	413.5	0	0	12.58	87.42
LM-13-03	413.5	414	0	0.82	18.48	80.71
LM-13-03	414	414.5	0	0.37	15.36	84.27
LM-13-03	414.5	415	0	0	40.34	59.66
LM-13-03	415	415.5	0	0.67	47.2	52.13
LM-13-03	415.5	416	0	0	0	0
LM-13-03	416	416.5	0	0	53.72	46.28
LM-13-03	416.5	417	0	1	51.37	47.63
LM-13-03	417	417.5	0	0	0	100
LM-13-03	417.5	418	0	0.85	45.3	53.85
LM-13-03	418	418.5	0.07	0.6	46.45	52.88
LM-13-03	418.5	419	0	1.91	43.31	54.78
LM-13-03	419	419.5	0	0.35	53.15	46.5
LM-13-03	419.5	420	0	0	0	0
LM-13-03	420	420.5	0	0	53.16	46.84
LM-13-03	420.5	421	0	0	0	100
LM-13-03	421	421.5	0	0	0	100
LM-13-03	421.5	422	0	0	0	100
LM-13-03	422	422.5	0	1.74	46.79	51.47

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	422.5	423	14454	13.99	11.96	0	1.02	4.52
LM-13-03	423	423.5	12207	2.77	2.21	0	0	0
LM-13-03	423.5	424	20730	11.36	11.37	0	0	3.96
LM-13-03	424	424.5	19441	2.34	15.42	0	0.32	0.64
LM-13-03	424.5	425	11907	3.18	5.08	0	0.39	23.58
LM-13-03	425	425.5	21611	6.97	7.61	0	0.01	51.29
LM-13-03	425.5	426	22014	1.03	9.29	0	0	11.73
LM-13-03	426	426.5	10355	0.82	7.21	0	0	46.91
LM-13-03	426.5	427	16367	0.86	0.04	0	0	0.63
LM-13-03	427	427.5	17947	1.69	0.29	0	0.38	3.18
LM-13-03	427.5	428	18954	0.5	2.31	0	0.07	3.74
LM-13-03	428	428.5	13553	2.56	10.82	0	0	11.27
LM-13-03	428.5	429	19659	4.88	9.3	0	0	6.28
LM-13-03	429	429.5	19740	1.36	0.55	0	0	1.95
LM-13-03	429.5	430	19229	2.15	7.41	0	0.01	3.04
LM-13-03	430	430.5	5830	0.82	0.29	0	0	0.75
LM-13-03	430.5	431	18411	3.66	18.55	0	0	21.7
LM-13-03	431	431.5	18868	10.97	12.27	0	0	10.33
LM-13-03	431.5	432	13662	24.1	7.04	0	0	0.08
LM-13-03	432	432.5	4871	3.49	0.35	0	0	0.51
LM-13-03	432.5	433	19707	3.1	4.06	0	0.1	30.66
LM-13-03	433	433.5	19635	2.54	5.91	0	0.37	18
LM-13-03	433.5	434	16788	1.38	8.21	0	0.32	41.43
LM-13-03	434	434.5	13744	0.4	0.85	0	0	2.73
LM-13-03	434.5	435	19531	1.11	1.82	0	0.05	18.11
LM-13-03	435	435.5	19740	0.58	7.35	0	0.01	14.43
LM-13-03	435.5	436	13944	1.05	0.83	0	0.09	30.9
LM-13-03	436	436.5	17849	3.55	4.66	0.12	1.17	24.44
LM-13-03	436.5	437	17549	5.71	0.94	0	0.01	11.4
LM-13-03	437	437.5	18112	5.98	2.38	0	0.31	17.6
LM-13-03	437.5	438	10967	1.82	0.41	0	0	1.5
LM-13-03	438	438.5	19142	1.65	4.07	0	0	18.47
LM-13-03	438.5	439	19722	3.39	8.92	0	0.03	5.57

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	422.5	423	5.58	3.06	0	0	0	0
LM-13-03	423	423.5	0	0	0	0	0	0
LM-13-03	423.5	424	0.24	0.05	0	0	0	0.11
LM-13-03	424	424.5	15.86	0	0	0	0	0
LM-13-03	424.5	425	0.64	0.57	0	0	0	0
LM-13-03	425	425.5	0.06	0.79	0	0	0	0
LM-13-03	425.5	426	0	0	0	0	0	0
LM-13-03	426	426.5	0	0	0	0	0	0
LM-13-03	426.5	427	0	0	0	0	0	0
LM-13-03	427	427.5	0.74	1.38	0.03	0	0	0
LM-13-03	427.5	428	0.51	0.16	0	0	0	0
LM-13-03	428	428.5	0	0	0	0	0	0
LM-13-03	428.5	429	0.01	0	0	0	0	0
LM-13-03	429	429.5	0	0	0	0	0	0
LM-13-03	429.5	430	1.06	0	0	0	0	0
LM-13-03	430	430.5	0.03	0	0	0	0	0
LM-13-03	430.5	431	0.02	0	0	0	0	0
LM-13-03	431	431.5	0	0.01	0	0	0	0
LM-13-03	431.5	432	0	0	0	0	0	0
LM-13-03	432	432.5	0.31	0	0	0	0	0.04
LM-13-03	432.5	433	0.89	0.1	0	0	0	0
LM-13-03	433	433.5	3.9	3.12	0.07	0	0	0
LM-13-03	433.5	434	1.19	0.01	0	0	0	0
LM-13-03	434	434.5	0	0	0	0	0	0
LM-13-03	434.5	435	0.82	0.62	0	0	0	0
LM-13-03	435	435.5	0.06	0	0	0	0	0
LM-13-03	435.5	436	2.09	0	0	0	0	0
LM-13-03	436	436.5	3.12	3.48	0.17	0	0.01	0
LM-13-03	436.5	437	0.75	0.01	0	0	0	0.06
LM-13-03	437	437.5	1.44	0.03	0	0	0	0.12
LM-13-03	437.5	438	0.05	0	0	0	0	0
LM-13-03	438	438.5	0.63	0	0	0	0	0.02
LM-13-03	438.5	439	0.85	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	422.5	423	0	0.06	0	0.34	10.81
LM-13-03	423	423.5	0	0	0	0	3.7
LM-13-03	423.5	424	0	0	0	0.04	13.56
LM-13-03	424	424.5	0	0	0	0	29.71
LM-13-03	424.5	425	0	0	0	0	37.01
LM-13-03	425	425.5	0	0.06	0	0	15.15
LM-13-03	425.5	426	0	0	0	0	36.01
LM-13-03	426	426.5	0	0	0	0	12.38
LM-13-03	426.5	427	0	0	0	0	9.89
LM-13-03	427	427.5	0.04	0.75	0.02	9.34	45.77
LM-13-03	427.5	428	0.03	0.14	0	10.59	60.56
LM-13-03	428	428.5	0	0	0	0.83	48.2
LM-13-03	428.5	429	0	0	0	0	74.6
LM-13-03	429	429.5	0	0	0	0	77.44
LM-13-03	429.5	430	0	0.01	0	0	52.72
LM-13-03	430	430.5	0	0	0	0	24.77
LM-13-03	430.5	431	0	0.1	0	0	37.54
LM-13-03	431	431.5	0	0	0	0	36.6
LM-13-03	431.5	432	0	0.01	0	0	52.57
LM-13-03	432	432.5	0	0	0	0	50.98
LM-13-03	432.5	433	0	0.01	0	0.23	33.64
LM-13-03	433	433.5	0	0	0.26	2.38	31.59
LM-13-03	433.5	434	0	0.82	0	2.59	13.07
LM-13-03	434	434.5	0	0	0	0	53.92
LM-13-03	434.5	435	0	0	0	0	39.48
LM-13-03	435	435.5	0	0	0	0	45.05
LM-13-03	435.5	436	0	1.41	0	0.01	34.42
LM-13-03	436	436.5	0	2.45	0	9.62	20.72
LM-13-03	436.5	437	0	0.12	0	0	38.64
LM-13-03	437	437.5	0	0.01	0	0	35.8
LM-13-03	437.5	438	0	0	0	0	19.92
LM-13-03	438	438.5	0	0	0	0	38.52
LM-13-03	438.5	439	0	0	0	0	22.63

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	422.5	423	50.14	2.25	0.01	0.03	0
LM-13-03	423	423.5	85.56	0	0	0	0
LM-13-03	423.5	424	58.33	2.2	0.07	0.06	0
LM-13-03	424	424.5	30.58	1.28	0.01	0	0
LM-13-03	424.5	425	27.41	1.46	0.01	0.03	0
LM-13-03	425	425.5	15.87	0.69	0.11	0.36	0.06
LM-13-03	425.5	426	40.38	0.02	0	0	0
LM-13-03	426	426.5	28.06	0	0	0	0
LM-13-03	426.5	427	81.1	0	0	0	0
LM-13-03	427	427.5	45.66	1.45	0.07	0.38	0
LM-13-03	427.5	428	33.41	0.06	0	0.02	0
LM-13-03	428	428.5	25.85	0.06	0.01	0	0
LM-13-03	428.5	429	10.58	0.04	0	0	0
LM-13-03	429	429.5	20.36	0.28	0.01	0	0
LM-13-03	429.5	430	34.83	1.95	0	0.43	0
LM-13-03	430	430.5	57.5	0.09	0	0	0
LM-13-03	430.5	431	26.5	0.68	0.02	0	0
LM-13-03	431	431.5	33.56	0.03	0	0.04	0
LM-13-03	431.5	432	16.28	0.01	0	0.01	0
LM-13-03	432	432.5	31.45	0.55	0.04	0	0
LM-13-03	432.5	433	27.59	1.5	0.46	0.12	0
LM-13-03	433	433.5	34.31	1.1	0.26	1.07	0.21
LM-13-03	433.5	434	20.96	1.49	0.13	0.85	0.04
LM-13-03	434	434.5	38.44	0	0	0	0
LM-13-03	434.5	435	39.73	1.34	0.04	0.01	0
LM-13-03	435	435.5	33.83	0.3	0.07	0	0
LM-13-03	435.5	436	30.33	1.17	0.04	0.01	0
LM-13-03	436	436.5	35.35	2.22	0.12	1.4	0.31
LM-13-03	436.5	437	46.21	1.08	0.16	0	0
LM-13-03	437	437.5	39.28	2.25	0.19	1.48	0.27
LM-13-03	437.5	438	70.27	0.62	0.05	0	0
LM-13-03	438	438.5	29.23	1.56	0.04	0	0
LM-13-03	438.5	439	55.33	1.54	0.1	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	422.5	423	2348.54	0	0.27	2206.97	0
LM-13-03	423	423.5	0	0	0	0	0
LM-13-03	423.5	424	0	870.87	0.28	2204.69	0
LM-13-03	424	424.5	2342.16	0	0	0	0
LM-13-03	424.5	425	2345.72	0	0.47	2205.54	0
LM-13-03	425	425.5	2351.52	0	0.65	2203.51	1.3
LM-13-03	425.5	426	0	0	0	0	0
LM-13-03	426	426.5	0	0	0	0	0
LM-13-03	426.5	427	0	0	0	0	0
LM-13-03	427	427.5	2335.7	0	1.04	2204.88	0
LM-13-03	427.5	428	2337.2	0	0.42	2204.88	0
LM-13-03	428	428.5	0	0	0	0	0
LM-13-03	428.5	429	0	0	0	0	0
LM-13-03	429	429.5	0	0	0	0	0
LM-13-03	429.5	430	0	0	0.49	2201.92	0
LM-13-03	430	430.5	0	0	0	0	0
LM-13-03	430.5	431	0	0	0	0	0
LM-13-03	431	431.5	0	0	0.42	2200.16	0
LM-13-03	431.5	432	0	0	0	0	#DIV/0!
LM-13-03	432	432.5	0	0	0	0	0
LM-13-03	432.5	433	2343.83	0	0.41	2203.3	0
LM-13-03	433	433.5	2346.86	0	0.58	2202.13	2.86
LM-13-03	433.5	434	2345.01	0	0.85	2205.39	0
LM-13-03	434	434.5	0	0	0	0	0
LM-13-03	434.5	435	2349.93	0	0.41	2205.11	0
LM-13-03	435	435.5	2317.11	0	0	0	0
LM-13-03	435.5	436	2343.21	0	0	0	#DIV/0!
LM-13-03	436	436.5	2343.97	956.29	0.53	2203.15	0
LM-13-03	436.5	437	2344.3	0	0	0	0
LM-13-03	437	437.5	2341.89	0	0.79	2202.96	1.13
LM-13-03	437.5	438	0	0	0	0	0
LM-13-03	438	438.5	0	0	0	0	0
LM-13-03	438.5	439	2348.88	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	422.5	423	0	100	0	0	2257.44
LM-13-03	423	423.5	0	0	0	0	0
LM-13-03	423.5	424	20	50	30	0	2258.72
LM-13-03	424	424.5	0	0	0	0	0
LM-13-03	424.5	425	0	80	20	0	2257.88
LM-13-03	425	425.5	3.9	93.51	1.3	0	2256.35
LM-13-03	425.5	426	0	0	0	0	0
LM-13-03	426	426.5	0	0	0	0	0
LM-13-03	426.5	427	0	0	0	0	0
LM-13-03	427	427.5	1.49	97.01	1.49	0	2256.51
LM-13-03	427.5	428	0	100	0	0	2256.42
LM-13-03	428	428.5	0	0	0	0	0
LM-13-03	428.5	429	0	0	0	0	0
LM-13-03	429	429.5	0	0	0	0	0
LM-13-03	429.5	430	36.25	58.75	5	0	0
LM-13-03	430	430.5	0	0	0	0	0
LM-13-03	430.5	431	0	0	0	0	0
LM-13-03	431	431.5	50	50	0	0	2260.36
LM-13-03	431.5	432	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-03	432	432.5	0	0	0	0	0
LM-13-03	432.5	433	13.64	77.27	9.09	0	2256.51
LM-13-03	433	433.5	18.1	76.67	2.38	0	2257.42
LM-13-03	433.5	434	0.69	95.14	4.17	0	2263.29
LM-13-03	434	434.5	0	0	0	0	0
LM-13-03	434.5	435	0	100	0	0	2256.24
LM-13-03	435	435.5	0	0	0	0	0
LM-13-03	435.5	436	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-03	436	436.5	5.65	89.52	4.84	0	2256.87
LM-13-03	436.5	437	0	0	0	0	2257.2
LM-13-03	437	437.5	10.57	84.15	3.77	0.38	2260.78
LM-13-03	437.5	438	0	0	0	0	0
LM-13-03	438	438.5	0	0	0	0	0
LM-13-03	438.5	439	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	422.5	423	0.23	0.23	39.59	59.95
LM-13-03	423	423.5	0	0	0	0
LM-13-03	423.5	424	0	0	27.27	72.73
LM-13-03	424	424.5	0	0	0	0
LM-13-03	424.5	425	0	0	33.33	66.67
LM-13-03	425	425.5	0	0.6	64.88	34.52
LM-13-03	425.5	426	0	0	0	0
LM-13-03	426	426.5	0	0	0	0
LM-13-03	426.5	427	0	0	0	0
LM-13-03	427	427.5	0	0.81	58.13	41.06
LM-13-03	427.5	428	0	0	79.31	20.69
LM-13-03	428	428.5	0	0	0	0
LM-13-03	428.5	429	0	0	0	0
LM-13-03	429	429.5	0	0	0	0
LM-13-03	429.5	430	0	0	0	0
LM-13-03	430	430.5	0	0	0	0
LM-13-03	430.5	431	0	0	0	0
LM-13-03	431	431.5	0	0	0	100
LM-13-03	431.5	432	0	0	0	0
LM-13-03	432	432.5	0	0	0	0
LM-13-03	432.5	433	0	0	60	40
LM-13-03	433	433.5	0	0.16	46.64	53.19
LM-13-03	433.5	434	0	0	0	100
LM-13-03	434	434.5	0	0	0	0
LM-13-03	434.5	435	0	1.65	79.34	19.01
LM-13-03	435	435.5	0	0	0	0
LM-13-03	435.5	436	0	0	0	0
LM-13-03	436	436.5	0	0.16	57.9	41.94
LM-13-03	436.5	437	0	0	50	50
LM-13-03	437	437.5	0	0	0	100
LM-13-03	437.5	438	0	0	0	0
LM-13-03	438	438.5	0	0	0	0
LM-13-03	438.5	439	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	439	439.5	19502	0.07	2.91	0	0	2.48
LM-13-03	439.5	440	13706	2.55	2.68	0	4.36	7.08
LM-13-03	440	440.5	18462	9.51	5.13	0	0.86	10.9
LM-13-03	440.5	441	19541	25.31	8.03	0	1.5	2.05
LM-13-03	441	441.5	19740	3.01	0	0	2.76	0
LM-13-03	441.5	442	14377	3.64	0	0	0.38	0
LM-13-03	442	442.5	19739	6.87	4.07	0	2.15	0.69
LM-13-03	442.5	443	19740	3.72	8	0.01	1.15	5.43
LM-13-03	443	443.5	13628	1.7	2.53	0	0.32	2.75
LM-13-03	443.5	444	13429	4.14	12.06	0	0	6.72
LM-13-03	444	444.5	19654	2.87	12.03	0	0.42	10.76
LM-13-03	444.5	445	19740	2.4	2.95	0	1.67	31.6
LM-13-03	445	445.5	11441	2.98	3.92	0	0.09	1.59
LM-13-03	445.5	446	18136	2.77	5.28	0.12	2.49	11.17
LM-13-03	446	446.5	22080	4.09	3.22	0	0.36	18.86
LM-13-03	446.5	447	21962	2.69	4.66	0	1.52	10.52
LM-13-03	447	447.5	8945	2.39	9.49	0	1.93	24.49
LM-13-03	447.5	448	20461	2.02	8.76	0	0.08	15.37
LM-13-03	448	448.5	22020	1.04	15.1	0	0.21	40.69
LM-13-03	448.5	449	6736	6.49	31.77	0	1.14	25.09
LM-13-03	449	449.5	22012	1.71	28.11	0	0	7.34
LM-13-03	449.5	450	22020	2.82	5.04	0.01	1.45	23.4
LM-13-03	450	450.5	20390	2.56	6.56	0	0.19	15.67
LM-13-03	450.5	451	16558	1.96	5.95	0	1.51	18.55
LM-13-03	451	451.5	21033	2.27	4.68	0	2.38	20.76
LM-13-03	451.5	452	22080	1.42	1.95	0	0.03	29.53
LM-13-03	452	452.5	14044	0.14	1.72	0	0	20.46
LM-13-03	452.5	453	22020	1.56	1.58	0	0.11	8.39
LM-13-03	453	453.5	21944	4.12	3.16	0.01	1.1	16.05
LM-13-03	453.5	454	12508	0.66	0.47	0	0.01	5.68
LM-13-03	454	454.5	23943	1.54	0.94	0	0.7	4.41
LM-13-03	454.5	455	26394	4.64	5.83	0	1.13	15.25
LM-13-03	455	455.5	16863	2.99	5.95	0	1.64	5.63

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	439	439.5	0	0	0	0	0	0
LM-13-03	439.5	440	7.46	10.85	0.12	0	0	0
LM-13-03	440	440.5	6.01	0.78	0.02	0	0	0.02
LM-13-03	440.5	441	4.68	2.55	0	0	0	0.01
LM-13-03	441	441.5	61.31	0.01	0	0	0	0
LM-13-03	441.5	442	14.68	0.77	0	0	0	0
LM-13-03	442	442.5	30.51	0.45	0	0	0	0
LM-13-03	442.5	443	4.31	0.16	0	0	0	0
LM-13-03	443	443.5	25.92	0.12	0	0	0	0
LM-13-03	443.5	444	0.31	0	0	0	0	0.08
LM-13-03	444	444.5	2.53	1.28	0	0	0	0.03
LM-13-03	444.5	445	10.62	5	0.19	0	0	0.03
LM-13-03	445	445.5	0.72	0.02	0	0	0	0
LM-13-03	445.5	446	3.96	0	0	0	0	0.01
LM-13-03	446	446.5	5.8	0.72	0.05	0	0	0.06
LM-13-03	446.5	447	10.17	3.27	0.04	0	0	0
LM-13-03	447	447.5	4.4	1.6	0.02	0	0	0
LM-13-03	447.5	448	0.65	0.19	0.01	0	0	0
LM-13-03	448	448.5	0.46	0.35	0.11	0	0	0
LM-13-03	448.5	449	1.5	0.49	0	0	0.01	0.07
LM-13-03	449	449.5	0.05	0	0	0	0	0
LM-13-03	449.5	450	5.98	1.62	0.06	0	0	0
LM-13-03	450	450.5	3.03	0.07	0	0	0	0
LM-13-03	450.5	451	5.81	0.56	0.01	0	0	0.07
LM-13-03	451	451.5	14.61	0.48	0.06	0	0	0
LM-13-03	451.5	452	1.13	0.01	0	0	0	0
LM-13-03	452	452.5	0	0	0	0	0	0
LM-13-03	452.5	453	0.85	0	0	0	0	0
LM-13-03	453	453.5	6.65	0	0	0	0	0.04
LM-13-03	453.5	454	0.3	0	0	0	0	0
LM-13-03	454	454.5	5.68	0.69	0.01	0	0	0
LM-13-03	454.5	455	8.94	3.82	0.36	0	0.02	0.13
LM-13-03	455	455.5	2.38	2.99	0.3	0	0.16	0.06

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	439	439.5	0	0	0	0	18.11
LM-13-03	439.5	440	0	0	0.59	9.97	8.55
LM-13-03	440	440.5	0	0.02	0.02	3.4	24.36
LM-13-03	440.5	441	0	0	1.92	0.47	36.66
LM-13-03	441	441.5	0.05	13.41	19.82	2.1	11.53
LM-13-03	441.5	442	0.01	3.23	5.78	1.08	2.68
LM-13-03	442	442.5	0.01	0.33	11.58	1.67	23.04
LM-13-03	442.5	443	0	0.01	0	0.55	22.9
LM-13-03	443	443.5	0.03	0.07	0	1.25	18.51
LM-13-03	443.5	444	0	0	0	0	43.18
LM-13-03	444	444.5	0	0	0	0	39.99
LM-13-03	444.5	445	0	0.09	0	1.06	32.08
LM-13-03	445	445.5	0	0.13	0	0	31.99
LM-13-03	445.5	446	0.01	0	0	2.7	39.71
LM-13-03	446	446.5	0	0	0.27	12.23	28.86
LM-13-03	446.5	447	0	0.02	0	0.03	41.78
LM-13-03	447	447.5	0	0	0	0	25.58
LM-13-03	447.5	448	0	0	0	0.46	58.44
LM-13-03	448	448.5	0	0	0	0	29.15
LM-13-03	448.5	449	0	0	0	0	14.52
LM-13-03	449	449.5	0	0	0	0	48.21
LM-13-03	449.5	450	0.01	0.3	0.23	3.02	47.81
LM-13-03	450	450.5	0	0.01	0	1.16	50.28
LM-13-03	450.5	451	0	0.08	0	1.73	54.56
LM-13-03	451	451.5	0	0.43	0	1.14	46.3
LM-13-03	451.5	452	0	0	0	0.03	50.21
LM-13-03	452	452.5	0	0	0	0	29.19
LM-13-03	452.5	453	0	0.05	0	0	66.18
LM-13-03	453	453.5	0	0.14	0.01	13.03	47.54
LM-13-03	453.5	454	0.02	0.06	0	2.07	67.25
LM-13-03	454	454.5	0	0.1	0	3.07	41.27
LM-13-03	454.5	455	0	0.03	0.05	2.64	26.69
LM-13-03	455	455.5	0.01	0.14	0.16	1.92	32.34

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	439	439.5	76.08	0.01	0	0	0
LM-13-03	439.5	440	30.19	0.04	0	0.51	0.01
LM-13-03	440	440.5	39.38	5.46	0.23	1.66	0.23
LM-13-03	440.5	441	4.75	26.59	0.15	0.15	0
LM-13-03	441	441.5	0	24.38	0.01	6.53	0
LM-13-03	441.5	442	39.28	57.76	0	3.71	0
LM-13-03	442	442.5	12.41	29.69	0.08	0.69	0
LM-13-03	442.5	443	53.03	1.99	0.95	0.32	0
LM-13-03	443	443.5	51.61	1.42	0.04	0.22	0.01
LM-13-03	443.5	444	29.37	0.5	0.13	0	0
LM-13-03	444	444.5	28.97	1.77	0.1	0.38	0
LM-13-03	444.5	445	12.69	4.86	0.73	0.42	0.03
LM-13-03	445	445.5	47.29	0.92	0.06	0.6	0.01
LM-13-03	445.5	446	21.84	2.67	0.11	0	0
LM-13-03	446	446.5	30.9	2.78	0.33	0.06	0
LM-13-03	446.5	447	25.42	5.15	0.53	0.39	0.02
LM-13-03	447	447.5	2.45	7.76	0.51	3.39	0.49
LM-13-03	447.5	448	13.88	2.17	0.07	0.85	0.1
LM-13-03	448	448.5	8.46	0.26	0.06	0.1	0.25
LM-13-03	448.5	449	9.03	1.87	0.13	2.6	0.85
LM-13-03	449	449.5	10.68	0.2	0.04	0	0
LM-13-03	449.5	450	7.67	5.83	0.76	2.18	0.35
LM-13-03	450	450.5	12.79	3.85	0.74	0.26	0.02
LM-13-03	450.5	451	3.62	5.5	1.21	0.77	0.11
LM-13-03	451	451.5	7.43	6.56	0.5	1.1	0.22
LM-13-03	451.5	452	12.88	3.36	0.3	0.04	0
LM-13-03	452	452.5	41.02	0.02	0	0	0
LM-13-03	452.5	453	21.28	1.56	0.59	0.54	0.01
LM-13-03	453	453.5	15.31	2.05	1.4	0.05	0.01
LM-13-03	453.5	454	24.78	0.44	0.14	0.01	0
LM-13-03	454	454.5	41.17	1.72	0.25	0.7	0.07
LM-13-03	454.5	455	32.12	3.43	1.49	2.55	0.32
LM-13-03	455	455.5	30.48	2.23	0.25	4.37	0.97

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	439	439.5	0	0	0	0	0
LM-13-03	439.5	440	2346.18	0	0.61	2206.21	0
LM-13-03	440	440.5	2345.76	0	0.64	2204.15	0.32
LM-13-03	440.5	441	2344.18	0	0.86	2204.74	0
LM-13-03	441	441.5	2340.07	0	0.64	2205.04	0
LM-13-03	441.5	442	2341.12	0	0.55	2204.52	0
LM-13-03	442	442.5	2344.04	0	0.43	2206.67	0
LM-13-03	442.5	443	2345.47	0	0.54	2203.84	0
LM-13-03	443	443.5	2344.7	0	0.55	2204.12	0
LM-13-03	443.5	444	0	0	0	0	0
LM-13-03	444	444.5	2346.44	948	0.53	2201.24	5.56
LM-13-03	444.5	445	2346.89	950.67	1.1	2204.65	2.47
LM-13-03	445	445.5	2344.18	0	0.55	2206.46	0
LM-13-03	445.5	446	2341.29	0	0	0	0
LM-13-03	446	446.5	2345.01	850.86	0.39	2202.62	0
LM-13-03	446.5	447	2346.93	0	0.39	2202.57	0
LM-13-03	447	447.5	2344.48	0	0.52	2203.97	0
LM-13-03	447.5	448	2344.25	0	0.53	2204.59	3.49
LM-13-03	448	448.5	2345.82	0	0.85	2202.62	0
LM-13-03	448.5	449	2344.68	954.61	0.69	2203.59	0
LM-13-03	449	449.5	0	0	0	0	0
LM-13-03	449.5	450	2344.62	0	0.89	2205.49	0.42
LM-13-03	450	450.5	2341.17	0	0.65	2204.31	0
LM-13-03	450.5	451	2342.97	937.74	0.62	2204.79	0
LM-13-03	451	451.5	2341.68	0	0.69	2203.07	0
LM-13-03	451.5	452	2344.87	0	0.3	2205.24	0
LM-13-03	452	452.5	0	0	0	0	0
LM-13-03	452.5	453	2345.95	0	0.59	2205.67	0
LM-13-03	453	453.5	2339.49	0	0.44	2204.41	0
LM-13-03	453.5	454	0	0	1.1	2207.26	0
LM-13-03	454	454.5	2344.47	0	0.93	2202.23	0
LM-13-03	454.5	455	2345.82	947.44	0.87	2203.43	0.3
LM-13-03	455	455.5	2345.87	926.54	1.26	2203.42	0.12

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	439	439.5	0	0	0	0	0
LM-13-03	439.5	440	0	80	20	0	2255.5
LM-13-03	440	440.5	5.5	89.97	4.21	0	2257.71
LM-13-03	440.5	441	6.67	90	3.33	0	2254.96
LM-13-03	441	441.5	0	95.78	4.22	0	2254.52
LM-13-03	441.5	442	1.48	92.96	5.56	0	2256.67
LM-13-03	442	442.5	6.16	61.64	30.82	1.37	2252.11
LM-13-03	442.5	443	9.38	82.81	7.81	0	2257.91
LM-13-03	443	443.5	0	96.43	3.57	0	2255.17
LM-13-03	443.5	444	0	0	0	0	0
LM-13-03	444	444.5	27.78	58.33	4.17	4.17	2257.49
LM-13-03	444.5	445	4.94	90.12	2.47	0	2255.35
LM-13-03	445	445.5	0	86.96	13.04	0	2257.89
LM-13-03	445.5	446	0	0	0	0	0
LM-13-03	446	446.5	14.29	85.71	0	0	2255.52
LM-13-03	446.5	447	19.54	70.11	10.34	0	2255.54
LM-13-03	447	447.5	7.95	82.45	8.61	0.99	2257.19
LM-13-03	447.5	448	4.65	80.23	9.88	1.74	2256.74
LM-13-03	448	448.5	3.91	92.19	3.91	0	2257.85
LM-13-03	448.5	449	2.84	95.45	1.14	0.57	2257.58
LM-13-03	449	449.5	0	0	0	0	0
LM-13-03	449.5	450	3.13	77.29	17.08	2.08	2257.43
LM-13-03	450	450.5	1.96	96.08	1.96	0	2258.88
LM-13-03	450.5	451	3.17	92.86	3.17	0.79	2256.99
LM-13-03	451	451.5	12.12	85.71	2.16	0	2257.3
LM-13-03	451.5	452	11.11	77.78	11.11	0	2256.09
LM-13-03	452	452.5	0	0	0	0	0
LM-13-03	452.5	453	0.84	85.71	13.45	0	0
LM-13-03	453	453.5	0	90	10	0	0
LM-13-03	453.5	454	0	100	0	0	0
LM-13-03	454	454.5	7.78	92.22	0	0	2257.02
LM-13-03	454.5	455	7.01	88.36	4.33	0	2255.82
LM-13-03	455	455.5	7.38	87.79	4.59	0.12	2256.86

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	439	439.5	0	0	0	0
LM-13-03	439.5	440	0	0.07	90.49	9.45
LM-13-03	440	440.5	0	0	36.36	63.64
LM-13-03	440.5	441	0.21	3.29	71.05	25.46
LM-13-03	441	441.5	0	0	100	0
LM-13-03	441.5	442	0	2.75	50.46	46.79
LM-13-03	442	442.5	0	23.26	72.09	4.65
LM-13-03	442.5	443	0	0	29.03	70.97
LM-13-03	443	443.5	0	0	100	0
LM-13-03	443.5	444	0	0	0	0
LM-13-03	444	444.5	0	0.42	41.35	58.23
LM-13-03	444.5	445	0	1.85	81.29	16.86
LM-13-03	445	445.5	0	0	0	100
LM-13-03	445.5	446	0	0	0	0
LM-13-03	446	446.5	0	1.29	80	18.71
LM-13-03	446.5	447	0	1.26	82.94	15.8
LM-13-03	447	447.5	0	0	48.23	51.77
LM-13-03	447.5	448	0	0	51.35	48.65
LM-13-03	448	448.5	0	0	28.57	71.43
LM-13-03	448.5	449	0	0	54.55	45.45
LM-13-03	449	449.5	0	0	0	0
LM-13-03	449.5	450	0	0	47.46	52.54
LM-13-03	450	450.5	0	0	20	80
LM-13-03	450.5	451	0	2.27	46.59	51.14
LM-13-03	451	451.5	0	0	39.39	60.61
LM-13-03	451.5	452	0	0	100	0
LM-13-03	452	452.5	0	0	0	0
LM-13-03	452.5	453	0	0	0	0
LM-13-03	453	453.5	0	0	0	0
LM-13-03	453.5	454	0	0	0	0
LM-13-03	454	454.5	0	0	49.06	50.94
LM-13-03	454.5	455	0	1.4	77.45	21.14
LM-13-03	455	455.5	0	0.8	57	42.2

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	455.5	456	26760	0.5	4.38	0	0	10.68
LM-13-03	456	456.5	26776	0.85	6.17	0	0.01	4.45
LM-13-03	456.5	457	18481	1.56	2.52	0	0.01	19.95
LM-13-03	457	457.5	26224	1.88	0.93	0	0.04	9.05
LM-13-03	457.5	458	17249	3.3	2.79	0	0.16	1.54
LM-13-03	458	458.5	12538	0.78	11.21	0	0	12.54
LM-13-03	458.5	459	26737	2.45	25.89	0	0	9.05
LM-13-03	459	459.5	21491	3.14	1.24	0	1.65	2.78
LM-13-03	459.5	460	19337	3.93	6.53	0.01	2.52	36.28
LM-13-03	460	460.5	26760	3.51	30.58	0.01	0.79	29.63
LM-13-03	460.5	461	8114	2.37	2.12	0	5.26	25.68
LM-13-03	461	461.5	18923	8.57	10.91	0	1.22	1.03
LM-13-03	461.5	462	18758	7.6	1.18	0.01	4.13	3.58
LM-13-03	462	462.5	18582	1.67	2.39	0	0	34.44
LM-13-03	462.5	463	15677	4.49	0.77	0.01	0.6	7.09
LM-13-03	463	463.5	20880	6.45	3.75	0	1.12	18.05
LM-13-03	463.5	464	20820	4.24	12.95	0	0.13	41.82
LM-13-03	464	464.5	20820	3.53	13.79	0	0.04	1.37
LM-13-03	464.5	465	17197	3.32	9.17	0	0	1.45
LM-13-03	465	465.5	20244	1.28	1.3	0	0.04	0.55
LM-13-03	465.5	466	19754	3.2	9.79	0.11	0.9	18.38
LM-13-03	466	466.5	16867	2.1	10.48	0	1.84	20.58
LM-13-03	466.5	467	20820	1.14	11.18	0.1	2.15	11.72
LM-13-03	467	467.5	19736	2.1	14.48	0	2.57	18.68
LM-13-03	467.5	468	18365	1.12	2.47	0	0.01	1.31
LM-13-03	468	468.5	9823	1.44	7.18	0	0	2.5
LM-13-03	468.5	469	20820	1.52	11.5	0	0.21	14.31
LM-13-03	469	469.5	20820	2.14	3.62	0	0	10.55
LM-13-03	469.5	470	2065	1.36	19.76	0	0	21.6
LM-13-03	470	470.5	17478	2.33	20.72	0	0.07	12.97
LM-13-03	470.5	471	19436	3.73	7.06	0	0.01	13.33
LM-13-03	471	471.5	20743	2.22	5.84	0	0.8	9.43
LM-13-03	471.5	472	6847	3.56	1.36	0	0.01	3.75

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	455.5	456	0.18	0	0	0	0	0
LM-13-03	456	456.5	0.13	0	0	0	0	0
LM-13-03	456.5	457	0.38	0	0	0	0	0
LM-13-03	457	457.5	1.54	1.01	0.03	0	0	0.01
LM-13-03	457.5	458	3.92	0.14	0	0	0	0.02
LM-13-03	458	458.5	0	0	0	0	0	0
LM-13-03	458.5	459	0.03	0	0	0	0	0
LM-13-03	459	459.5	5.5	3.2	0.16	0	0	0
LM-13-03	459.5	460	4.8	2.53	0.05	0	0.07	0.34
LM-13-03	460	460.5	1.8	0.41	0.02	0	0	0.07
LM-13-03	460.5	461	9.28	12.63	0.02	0	0	0.04
LM-13-03	461	461.5	7.06	1.75	0.01	0	0	0
LM-13-03	461.5	462	9.12	8.84	0.69	0	0	0.02
LM-13-03	462	462.5	0	0	0	0	0	0
LM-13-03	462.5	463	2.1	0.57	0.02	0	0	0.01
LM-13-03	463	463.5	4.44	0.61	0.01	0	0	0
LM-13-03	463.5	464	1.15	0	0	0	0	0.01
LM-13-03	464	464.5	0.85	0	0	0	0	0
LM-13-03	464.5	465	0.06	0	0	0	0	0.06
LM-13-03	465	465.5	1.08	0	0	0	0	0
LM-13-03	465.5	466	5.41	0.29	0.08	0	0	0
LM-13-03	466	466.5	8.45	0.62	0	0	0	0
LM-13-03	466.5	467	3.19	0.26	0	0	0	0.03
LM-13-03	467	467.5	8.65	5.96	0.42	0	0	0
LM-13-03	467.5	468	0.49	0.23	0	0	0	0
LM-13-03	468	468.5	0	0	0	0	0	0
LM-13-03	468.5	469	1.54	0.25	0	0	0	0
LM-13-03	469	469.5	0.48	0	0	0	0	0.01
LM-13-03	469.5	470	0	0	0	0	0	0
LM-13-03	470	470.5	0.07	0	0	0	0	0
LM-13-03	470.5	471	0.24	1.16	0	0	0	0
LM-13-03	471	471.5	10.98	4.83	0.09	0	0	0.01
LM-13-03	471.5	472	0.5	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	455.5	456	0	0	0	0	56.91
LM-13-03	456	456.5	0	0	0	0	26.68
LM-13-03	456.5	457	0	0.03	0	0	37.26
LM-13-03	457	457.5	0.01	0.44	0	0.02	57.87
LM-13-03	457.5	458	0	0	0	0	44.33
LM-13-03	458	458.5	0	0	0	0	45.41
LM-13-03	458.5	459	0	0	0	0	35.28
LM-13-03	459	459.5	0	0.06	0	0	42.73
LM-13-03	459.5	460	0	0.03	5.76	14.5	28.3
LM-13-03	460	460.5	0	0	0.11	1.67	15.15
LM-13-03	460.5	461	0	0	0	0	29.37
LM-13-03	461	461.5	0	0.03	0	0	48.52
LM-13-03	461.5	462	0.01	0	0	0.25	35.46
LM-13-03	462	462.5	0	0	0	0	32.32
LM-13-03	462.5	463	0	0.1	0	0	35.24
LM-13-03	463	463.5	0	0.93	0	0	36.41
LM-13-03	463.5	464	0	0.01	0	0	19.53
LM-13-03	464	464.5	0	0	0	0	28.75
LM-13-03	464.5	465	0	0	0	0	27.42
LM-13-03	465	465.5	0	0.01	0	0.05	22.73
LM-13-03	465.5	466	0	0	0.37	11.66	29.27
LM-13-03	466	466.5	0.01	0.04	0.03	4.56	23.99
LM-13-03	466.5	467	0.01	0.02	0.18	5.45	36.42
LM-13-03	467	467.5	0.01	0.03	0.01	0.66	26.39
LM-13-03	467.5	468	0	0.01	0	0	38.39
LM-13-03	468	468.5	0	0	0	0	36.04
LM-13-03	468.5	469	0	0.03	0	2.68	39.86
LM-13-03	469	469.5	0	0.08	0	0	50.23
LM-13-03	469.5	470	0	0	0	0	26.88
LM-13-03	470	470.5	0	0	0	0	14.07
LM-13-03	470.5	471	0	0.03	0	0	38.47
LM-13-03	471	471.5	0	0.07	0.15	3.39	35.09
LM-13-03	471.5	472	0	0	0	0	39.13

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	455.5	456	25.93	0.31	0.05	0.12	0
LM-13-03	456	456.5	60.74	0.53	0.16	0.16	0
LM-13-03	456.5	457	38.29	0.82	0.16	0.01	0
LM-13-03	457	457.5	29.75	1.67	0.09	0.35	0.05
LM-13-03	457.5	458	32	2.64	0.04	0.2	0.01
LM-13-03	458	458.5	15.08	0.25	0	0	0
LM-13-03	458.5	459	24.68	0.18	0.04	0	0
LM-13-03	459	459.5	29.09	3.29	0.18	0.67	0.03
LM-13-03	459.5	460	3.01	2.82	0.64	4.89	0.47
LM-13-03	460	460.5	9.78	0.78	0.32	1.7	0.03
LM-13-03	460.5	461	7.42	5.29	0.36	0.37	0.01
LM-13-03	461	461.5	19.55	3.82	0.08	0.03	0
LM-13-03	461.5	462	25.45	6.64	0.47	1.59	0.06
LM-13-03	462	462.5	29.98	0.05	0.01	0	0
LM-13-03	462.5	463	49.38	2.43	0.11	1.16	0.15
LM-13-03	463	463.5	28.05	2.08	0.22	0.43	0.06
LM-13-03	463.5	464	12.36	1.68	0.05	0.14	0
LM-13-03	464	464.5	52.01	0.45	0	0	0
LM-13-03	464.5	465	58.32	0.2	0	0	0
LM-13-03	465	465.5	73.34	0.45	0.1	0	0
LM-13-03	465.5	466	26.99	0.05	0.07	0.57	0.04
LM-13-03	466	466.5	26.15	2.79	0.29	2.45	0.12
LM-13-03	466.5	467	28.05	1.67	0.59	0.31	0
LM-13-03	467	467.5	17.75	5.22	1.03	0.52	0.05
LM-13-03	467.5	468	55.8	1.21	0	0.63	0.04
LM-13-03	468	468.5	52.59	0	0	0	0
LM-13-03	468.5	469	27.2	0.7	0.08	0.13	0
LM-13-03	469	469.5	30.6	1.31	0.14	0.27	0
LM-13-03	469.5	470	21.31	0	0	0	0
LM-13-03	470	470.5	38.79	0.19	0	0.15	0
LM-13-03	470.5	471	31.86	1.6	0.09	0.24	0
LM-13-03	471	471.5	20.42	4.14	0.28	0.27	0
LM-13-03	471.5	472	37.48	1.07	0.25	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	455.5	456	0	0	0.33	2206.62	0
LM-13-03	456	456.5	2344.49	0	0.43	2206.83	0
LM-13-03	456.5	457	2349.24	0	0.51	2208	0
LM-13-03	457	457.5	2345.1	0	0.51	2205.91	0
LM-13-03	457.5	458	2342.95	0	0.56	2207.09	5.41
LM-13-03	458	458.5	0	0	0	0	0
LM-13-03	458.5	459	0	0	0	0	0
LM-13-03	459	459.5	2347.33	0	0.64	2205.41	0
LM-13-03	459.5	460	2343.08	885.82	1.05	2203.34	0
LM-13-03	460	460.5	2341.05	873.78	0.65	2203.58	1.98
LM-13-03	460.5	461	2347.13	880.11	0.45	2205.08	0
LM-13-03	461	461.5	2345.02	0	0.46	2200.31	0
LM-13-03	461.5	462	2345.58	879.56	0.6	2204.25	0.67
LM-13-03	462	462.5	0	0	0	0	0
LM-13-03	462.5	463	2343.43	0	0.86	2206.68	0
LM-13-03	463	463.5	2346.46	0	0.69	2204.07	0
LM-13-03	463.5	464	2345.33	0	0.65	2202.59	0
LM-13-03	464	464.5	2326.87	0	0	0	0
LM-13-03	464.5	465	0	944	0	0	0
LM-13-03	465	465.5	0	0	0	0	0
LM-13-03	465.5	466	2341.75	0	0.94	2201.2	3.45
LM-13-03	466	466.5	2343.8	0	0.63	2203.53	0.73
LM-13-03	466.5	467	2343.5	0	0.53	2204.53	0
LM-13-03	467	467.5	2346.72	0	0.64	2204.74	0
LM-13-03	467.5	468	2348.79	0	0.61	2206.73	0
LM-13-03	468	468.5	0	0	0	0	0
LM-13-03	468.5	469	2348.71	0	0.47	2206.44	0
LM-13-03	469	469.5	0	880	0.37	2207.02	0
LM-13-03	469.5	470	0	0	0	0	0
LM-13-03	470	470.5	2342.5	0	0.48	2204.91	0
LM-13-03	470.5	471	2347.85	0	0.39	2204.04	0
LM-13-03	471	471.5	2347.21	0	0.6	2203.1	0
LM-13-03	471.5	472	2347.12	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	455.5	456	0	70.97	29.03	0	0
LM-13-03	456	456.5	0	77.5	22.5	0	0
LM-13-03	456.5	457	0	50	50	0	0
LM-13-03	457	457.5	7.78	65.56	26.67	0	2256.05
LM-13-03	457.5	458	0	54.05	40.54	0	2256.88
LM-13-03	458	458.5	0	0	0	0	0
LM-13-03	458.5	459	0	0	0	0	0
LM-13-03	459	459.5	1.43	91.43	7.14	0	2255.82
LM-13-03	459.5	460	9.42	89.52	0.74	0.32	2256.56
LM-13-03	460	460.5	9.01	84.62	3.96	0.44	2256.64
LM-13-03	460.5	461	0	96.67	3.33	0	2256.23
LM-13-03	461	461.5	33.33	66.67	0	0	2255.72
LM-13-03	461.5	462	12.12	74.07	13.13	0	2255.23
LM-13-03	462	462.5	0	0	0	0	0
LM-13-03	462.5	463	1.1	82.42	15.38	1.1	2256.31
LM-13-03	463	463.5	6.45	88.17	5.38	0	2257.13
LM-13-03	463.5	464	11.11	85.19	3.7	0	0
LM-13-03	464	464.5	0	0	0	0	0
LM-13-03	464.5	465	0	0	0	0	0
LM-13-03	465	465.5	0	0	0	0	0
LM-13-03	465.5	466	19.83	73.28	2.59	0.86	2256.73
LM-13-03	466	466.5	5.37	90.49	3.17	0.24	2256.86
LM-13-03	466.5	467	4.62	92.31	3.08	0	2257.02
LM-13-03	467	467.5	1.96	89.22	8.82	0	2255.31
LM-13-03	467.5	468	0	76.67	20	3.33	2255.82
LM-13-03	468	468.5	0	0	0	0	0
LM-13-03	468.5	469	0	82.14	17.86	0	2258.97
LM-13-03	469	469.5	0	74.55	25.45	0	0
LM-13-03	469.5	470	0	0	0	0	0
LM-13-03	470	470.5	0	96.3	3.7	0	0
LM-13-03	470.5	471	15.22	67.39	17.39	0	2257.5
LM-13-03	471	471.5	5.26	89.47	5.26	0	2255.45
LM-13-03	471.5	472	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	455.5	456	0	0	0	0
LM-13-03	456	456.5	0	0	0	0
LM-13-03	456.5	457	0	0	0	0
LM-13-03	457	457.5	0	1.17	67.97	30.86
LM-13-03	457.5	458	0	4	32	64
LM-13-03	458	458.5	0	0	0	0
LM-13-03	458.5	459	0	0	0	0
LM-13-03	459	459.5	0	0.88	77.29	21.83
LM-13-03	459.5	460	0	0.41	67.42	32.16
LM-13-03	460	460.5	0	0	70.27	29.73
LM-13-03	460.5	461	0	0.5	68.96	30.55
LM-13-03	461	461.5	0	6.37	62.1	31.53
LM-13-03	461.5	462	0	3.09	78.4	18.5
LM-13-03	462	462.5	0	0	0	0
LM-13-03	462.5	463	0	2.25	78.65	19.1
LM-13-03	463	463.5	0	0	50.81	49.19
LM-13-03	463.5	464	0	0	0	0
LM-13-03	464	464.5	0	0	0	0
LM-13-03	464.5	465	0	0	0	0
LM-13-03	465	465.5	0	0	0	0
LM-13-03	465.5	466	0	3.45	46.55	50
LM-13-03	466	466.5	0	0	59.62	40.38
LM-13-03	466.5	467	0	0	62.96	37.04
LM-13-03	467	467.5	0	1.45	86.51	12.04
LM-13-03	467.5	468	0	0	69.05	30.95
LM-13-03	468	468.5	0	0	0	0
LM-13-03	468.5	469	0	0	11.54	88.46
LM-13-03	469	469.5	0	0	0	0
LM-13-03	469.5	470	0	0	0	0
LM-13-03	470	470.5	0	0	0	0
LM-13-03	470.5	471	1.39	0.93	35.19	62.5
LM-13-03	471	471.5	0	0.3	84.32	15.38
LM-13-03	471.5	472	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	spectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	472	472.5	20864	8.5	13.13	0	0.02	1.64
LM-13-03	472.5	473	20674	4.66	8.12	0	0.5	5.67
LM-13-03	473	473.5	17115	3.13	16.4	0	0.62	13.95
LM-13-03	473.5	474	14248	2.46	2.63	0	0.43	1.33
LM-13-03	474	474.5	20577	7.97	12.68	0	0	9.11
LM-13-03	474.5	475	20787	4.79	24.13	0	2.3	3.18
LM-13-03	475	475.5	9174	6.74	7.83	0	0	11.19
LM-13-03	475.5	476	19898	11.34	19.55	0	0	1.65
LM-13-03	476	476.5	19530	3.49	3.13	0	1.32	11.73
LM-13-03	476.5	477	20424	7.8	9.18	0	0.19	7.65
LM-13-03	477	477.5	16664	5.52	10.45	0	0	3.46
LM-13-03	477.5	478	20029	9.4	10.41	0	0.38	17.77
LM-13-03	478	478.5	17721	8.22	10.39	0	0.38	19.62
LM-13-03	478.5	479	14370	8.87	53.82	0	0	1.38
LM-13-03	479	479.5	17459	6.95	9.35	0	0.01	7.96
LM-13-03	479.5	480	20708	5.83	8.18	0	0	2.33
LM-13-03	480	480.5	21337	4.52	8.69	0	0.01	3.13
LM-13-03	480.5	481	10941	13.25	34.78	0	0	12.49
LM-13-03	481	481.5	20761	6.12	14.06	0	0.16	12.62
LM-13-03	481.5	482	21943	6.08	47.48	0	0.07	13.28
LM-13-03	482	482.5	12385	10.83	14.15	0	1.23	22.66
LM-13-03	482.5	483	21066	16.93	30.01	0	0.93	22.79
LM-13-03	483	483.5	20891	28.75	40.77	0	0.03	2.46
LM-13-03	483.5	484	20723	26.35	17.08	0	0.34	13.17
LM-13-03	484	484.5	15220	10.68	6.39	0.02	3.73	6.93
LM-13-03	484.5	485	21173	10.85	13.19	0.08	0.98	26.96
LM-13-03	485	485.5	20894	18.93	12.76	0	0.88	37.22
LM-13-03	485.5	486	11557	21.62	16.04	0	0.1	41.21
LM-13-03	486	486.5	21412	16.36	39.73	0	0.1	16.99
LM-13-03	486.5	487	21073	32.28	18.92	0	0	12.98
LM-13-03	487	487.5	17898	7.33	16.24	0.08	6.2	17.77
LM-13-03	487.5	488	16136	1.46	26.18	0	4.21	19.46
LM-13-03	488	488.5	19148	3.34	3.98	0.01	1.67	5.88

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	472	472.5	0.48	0	0	0	0	0.07
LM-13-03	472.5	473	3.01	3.67	0.45	0	0	0
LM-13-03	473	473.5	1.18	2.12	0.27	0	0	0.1
LM-13-03	473.5	474	4.52	12.64	2.11	0	0	0
LM-13-03	474	474.5	0.31	0	0	0	0.01	0.13
LM-13-03	474.5	475	5.95	9.96	0.07	0	0	0.12
LM-13-03	475	475.5	0	0	0	0	0	0
LM-13-03	475.5	476	0	0	0	0	0	0.06
LM-13-03	476	476.5	1.31	0.16	0	0	0	0.07
LM-13-03	476.5	477	1.9	1.32	0	0	0	0.06
LM-13-03	477	477.5	0.26	0	0	0	0	0.13
LM-13-03	477.5	478	4.36	0.44	0.02	0	0.01	0.27
LM-13-03	478	478.5	2.82	0.85	0.11	0	0.02	0.5
LM-13-03	478.5	479	0	0	0	0	0	0.06
LM-13-03	479	479.5	0.16	0.16	0	0	0	0.17
LM-13-03	479.5	480	0.02	0	0	0	0	0.08
LM-13-03	480	480.5	0.13	0.12	0.06	0	0	0.1
LM-13-03	480.5	481	0	0	0	0	0	0.05
LM-13-03	481	481.5	0.51	0.66	0	0	0	0.06
LM-13-03	481.5	482	0.29	0.91	0.04	0	0	0
LM-13-03	482	482.5	1.42	10.69	0.54	0	0	0.06
LM-13-03	482.5	483	1.12	0	0	0	0	0.01
LM-13-03	483	483.5	0.54	0	0	0	0	0.02
LM-13-03	483.5	484	2.73	0.35	0	0	0	0
LM-13-03	484	484.5	9.48	0.93	0.09	0	0	0.01
LM-13-03	484.5	485	3.77	0.65	0.06	0	0	0.05
LM-13-03	485	485.5	3.29	0.88	0.06	0	0	0.33
LM-13-03	485.5	486	0.57	0.2	0	0	0	0.1
LM-13-03	486	486.5	2	2.62	0.08	0	0	0.03
LM-13-03	486.5	487	0.07	0.01	0	0	0	0.03
LM-13-03	487	487.5	13.73	13.7	0.65	0	0.03	0.21
LM-13-03	487.5	488	4.56	1.01	0.04	0	0	0
LM-13-03	488	488.5	9.21	0.67	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	472	472.5	0	0	0	0	48.35
LM-13-03	472.5	473	0	0.01	0	0	49.31
LM-13-03	473	473.5	0.02	0	0	4.76	27.84
LM-13-03	473.5	474	0	0	0	0	33.1
LM-13-03	474	474.5	0	0	0	0	47.53
LM-13-03	474.5	475	0	0	5.65	12	14.91
LM-13-03	475	475.5	0	0	0	0	6.44
LM-13-03	475.5	476	0	0	0	0	10.35
LM-13-03	476	476.5	0	0	0	0	14.11
LM-13-03	476.5	477	0	0	0	0	19.12
LM-13-03	477	477.5	0	0	0	0	26.95
LM-13-03	477.5	478	0	0	0	2.27	20.34
LM-13-03	478	478.5	0.01	0.03	0	0.93	30.83
LM-13-03	478.5	479	0	0	0	0	4.7
LM-13-03	479	479.5	0	0.01	0	0	31.34
LM-13-03	479.5	480	0	0	0	0	40.86
LM-13-03	480	480.5	0	0	0	0	33.84
LM-13-03	480.5	481	0	0	0	0.02	13.32
LM-13-03	481	481.5	0	0	0	0	35.82
LM-13-03	481.5	482	0	0	0	0	5.87
LM-13-03	482	482.5	0	0	0	0	8.27
LM-13-03	482.5	483	0	0	0.02	0	5.97
LM-13-03	483	483.5	0	0	0	0	6.7
LM-13-03	483.5	484	0	0	0	0	21.98
LM-13-03	484	484.5	0	0.74	0.12	9.74	18.05
LM-13-03	484.5	485	0	0.05	0	13.97	16.31
LM-13-03	485	485.5	0	0.1	0	0.04	14.2
LM-13-03	485.5	486	0	0.05	0.01	0	8.26
LM-13-03	486	486.5	0	0	0.01	1.09	5.23
LM-13-03	486.5	487	0	0	0.02	0.01	6.84
LM-13-03	487	487.5	0	0.02	0.88	19.14	9.6
LM-13-03	487.5	488	0	0	0	0	11.73
LM-13-03	488	488.5	0	0.07	1.41	5.07	33.46

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	472	472.5	27.71	1.85	0.21	0	0
LM-13-03	472.5	473	25.77	4.07	0.02	3.87	0.63
LM-13-03	473	473.5	9.14	0.53	0.06	0.49	0.02
LM-13-03	473.5	474	42.95	1.67	0	0.28	0.1
LM-13-03	474	474.5	20.86	0.96	0.15	0	0
LM-13-03	474.5	475	27.56	1.67	0.02	3.06	1.05
LM-13-03	475	475.5	17.75	0	0	0	0
LM-13-03	475.5	476	49.25	0	0	0	0
LM-13-03	476	476.5	56.3	0.08	0.14	0.14	0.05
LM-13-03	476.5	477	45.79	1.36	0.51	0.02	0
LM-13-03	477	477.5	42.6	0.4	0.09	0	0
LM-13-03	477.5	478	34.52	1.96	0.79	0.19	0
LM-13-03	478	478.5	17.36	3.1	0.69	0.62	0.01
LM-13-03	478.5	479	10.79	0	0.01	0	0
LM-13-03	479	479.5	42.04	0.43	0.04	1.8	0.27
LM-13-03	479.5	480	34.27	0.35	0	0.18	0.04
LM-13-03	480	480.5	41.08	0.39	0.02	1.67	0.22
LM-13-03	480.5	481	20.94	0.05	0.04	0	0
LM-13-03	481	481.5	27.55	0.52	0.01	0.21	0.05
LM-13-03	481.5	482	20.63	0.66	0	0.04	0
LM-13-03	482	482.5	17.65	6.22	0	0	0
LM-13-03	482.5	483	10.32	0.19	0	0	0
LM-13-03	483	483.5	13	0.06	0	0	0
LM-13-03	483.5	484	5.7	2.69	0.2	0.05	0.01
LM-13-03	484	484.5	9.82	2.12	0.39	1.56	0.11
LM-13-03	484.5	485	15.89	1.19	0.13	1.21	0.07
LM-13-03	485	485.5	3.95	6	1.12	4.98	1.21
LM-13-03	485.5	486	5.75	1.76	0.17	1.55	0.1
LM-13-03	486	486.5	13.4	1.27	0.1	0.01	0
LM-13-03	486.5	487	25.17	0.25	0.13	0	0
LM-13-03	487	487.5	13.48	1.02	0.61	0.47	0
LM-13-03	487.5	488	21.59	0.69	0.05	0.71	0.12
LM-13-03	488	488.5	35.27	6.64	0.5	1.25	0.17

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	472	472.5	2341.46	0	0	0	0
LM-13-03	472.5	473	2347.58	0	1.02	2202.08	0.66
LM-13-03	473	473.5	2346.86	892	0.79	2201.77	0
LM-13-03	473.5	474	2349.74	0	1.24	2202.28	0
LM-13-03	474	474.5	2346	912.58	0	0	0
LM-13-03	474.5	475	2343.73	873.86	1.48	2202.77	0.31
LM-13-03	475	475.5	0	0	0	0	0
LM-13-03	475.5	476	0	944	0	0	0
LM-13-03	476	476.5	2340.65	880	0.6	2204.75	0
LM-13-03	476.5	477	2342.54	882.67	0.31	2198.67	0
LM-13-03	477	477.5	0	860	0	0	0
LM-13-03	477.5	478	2345.17	877.71	1.15	2205.05	0
LM-13-03	478	478.5	2345.59	926.63	1.06	2204.66	0
LM-13-03	478.5	479	0	0	0	0	0
LM-13-03	479	479.5	2349.01	0	0.53	2204.88	0.32
LM-13-03	479.5	480	0	945.33	0.52	2206.3	0
LM-13-03	480	480.5	2344.69	912	0.95	2205.12	0.29
LM-13-03	480.5	481	0	0	0	0	0
LM-13-03	481	481.5	2345.49	864	0.43	2203.68	0
LM-13-03	481.5	482	2349.77	0	0.34	2203.41	0
LM-13-03	482	482.5	2345.36	902.67	0	0	0
LM-13-03	482.5	483	2345.78	958.21	0	0	0
LM-13-03	483	483.5	2348.37	0	0	0	0
LM-13-03	483.5	484	2344.6	0	0.44	2202.09	11.11
LM-13-03	484	484.5	2340.17	920	0.98	2203.96	0.43
LM-13-03	484.5	485	2334.59	0	0.72	2204.34	2.67
LM-13-03	485	485.5	2343.81	908.42	0.68	2204.62	0.49
LM-13-03	485.5	486	2344.5	898.67	0.58	2204.77	0
LM-13-03	486	486.5	2349.92	0	0.25	2204.2	0
LM-13-03	486.5	487	0	0	0	0	0
LM-13-03	487	487.5	2344.35	888.34	0.5	2207.75	0
LM-13-03	487.5	488	2343.3	0	0.56	2202.85	0
LM-13-03	488	488.5	2341.22	0	0.65	2203.97	0.41

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	472	472.5	0	0	0	0	0
LM-13-03	472.5	473	11.14	87.1	0.99	0.11	2256.95
LM-13-03	473	473.5	14.29	85.71	0	0	2256.55
LM-13-03	473.5	474	12.2	85.37	0	2.44	2255.85
LM-13-03	474	474.5	0	0	0	0	0
LM-13-03	474.5	475	7.22	91.54	0.93	0	2257.07
LM-13-03	475	475.5	0	0	0	0	0
LM-13-03	475.5	476	0	0	0	0	0
LM-13-03	476	476.5	3.57	85.71	10.71	0	2258.57
LM-13-03	476.5	477	75	25	0	0	2254.68
LM-13-03	477	477.5	0	0	0	0	0
LM-13-03	477.5	478	0	92.11	7.89	0	2256.68
LM-13-03	478	478.5	0	94.55	5.45	0	2255.7
LM-13-03	478.5	479	0	0	0	0	0
LM-13-03	479	479.5	5.75	79.23	14.7	0	2256.16
LM-13-03	479.5	480	2.78	80.56	16.67	0	0
LM-13-03	480	480.5	4.57	84	10.86	0.29	2258.57
LM-13-03	480.5	481	0	0	0	0	0
LM-13-03	481	481.5	17.78	68.89	13.33	0	2255.99
LM-13-03	481.5	482	0	100	0	0	2255.56
LM-13-03	482	482.5	0	0	0	0	2253.93
LM-13-03	482.5	483	0	0	0	0	0
LM-13-03	483	483.5	0	0	0	0	0
LM-13-03	483.5	484	11.11	77.78	0	0	2253.9
LM-13-03	484	484.5	3.02	95.26	0.43	0.86	2256.72
LM-13-03	484.5	485	7.25	80.92	9.16	0	2255.51
LM-13-03	485	485.5	3.01	85.83	9.81	0.87	2257.02
LM-13-03	485.5	486	6.21	77.97	15.82	0	2256.19
LM-13-03	486	486.5	0	100	0	0	2257.8
LM-13-03	486.5	487	0	0	0	0	0
LM-13-03	487	487.5	3.57	47.62	47.62	1.19	2254.61
LM-13-03	487.5	488	12.07	87.07	0.86	0	2256.93
LM-13-03	488	488.5	6.53	82.45	9.8	0.82	2256.56

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	472	472.5	0	0	0	0
LM-13-03	472.5	473	0	0.54	52.89	46.57
LM-13-03	473	473.5	0	0.28	64.36	35.36
LM-13-03	473.5	474	0	0.06	90.6	9.35
LM-13-03	474	474.5	0	0	0	0
LM-13-03	474.5	475	0.05	0.05	55.07	44.83
LM-13-03	475	475.5	0	0	0	0
LM-13-03	475.5	476	0	0	0	0
LM-13-03	476	476.5	0	0	3.33	96.67
LM-13-03	476.5	477	1.9	1.14	85.55	11.41
LM-13-03	477	477.5	0	0	0	0
LM-13-03	477.5	478	0	0	66.67	33.33
LM-13-03	478	478.5	0	1.33	80.67	18
LM-13-03	478.5	479	0	0	0	0
LM-13-03	479	479.5	0	7.14	42.86	50
LM-13-03	479.5	480	0	0	0	0
LM-13-03	480	480.5	0	0	12	88
LM-13-03	480.5	481	0	0	0	0
LM-13-03	481	481.5	0	0	71.64	28.36
LM-13-03	481.5	482	0.51	2.03	75.13	22.34
LM-13-03	482	482.5	0.23	2.13	93.46	4.18
LM-13-03	482.5	483	0	0	0	0
LM-13-03	483	483.5	0	0	0	0
LM-13-03	483.5	484	0	9.09	75.76	15.15
LM-13-03	484	484.5	0	2.16	48.2	49.64
LM-13-03	484.5	485	0	2.99	71.64	25.37
LM-13-03	485	485.5	0.56	1.13	49.15	49.15
LM-13-03	485.5	486	0	4.35	65.22	30.43
LM-13-03	486	486.5	0	0	38.89	61.11
LM-13-03	486.5	487	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-03	487	487.5	0	1.73	87.68	10.59
LM-13-03	487.5	488	0	0	50.31	49.69
LM-13-03	488	488.5	0	0	56.25	43.75

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	488.5	489	18812	5.38	14.82	0	1.37	9.79
LM-13-03	489	489.5	10760	7.33	11.98	0	2.38	32.72
LM-13-03	489.5	490	14877	10.84	7.47	0.35	2.89	31.92
LM-13-03	490	490.5	17965	3.61	13.01	0.01	2.01	19.06
LM-13-03	490.5	491	19573	4.26	5.51	0.02	6.42	40.96
LM-13-03	491	491.5	16060	6.06	13.82	0	8.06	21.65
LM-13-03	491.5	492	19740	5.62	31.73	0.17	4.43	24.83
LM-13-03	492	492.5	17807	3.35	10.68	0.03	4.21	40.7
LM-13-03	492.5	493	13366	8.43	15.86	0	3.66	21.21
LM-13-03	493	493.5	8969	2.5	5.64	0	1.67	0.45
LM-13-03	493.5	494	18555	3.45	1.89	0	0.2	0.51
LM-13-03	494	494.5	17490	9.89	29.21	0	0.07	8.03
LM-13-03	494.5	495	13039	5.86	8.44	0	0	8.08
LM-13-03	495	495.5	13839	19.31	11.03	0.18	8.26	4.69
LM-13-03	495.5	496	18722	25.41	0.52	0	0.02	0.73
LM-13-03	496	496.5	18767	13.11	13.26	0	0	5.09
LM-13-03	496.5	497	15611	8.39	15.29	0	3.48	4.42
LM-13-03	497	497.5	14886	8.89	0.73	0	0	0.02
LM-13-03	497.5	498	16857	3.19	1.36	0.01	1.29	1.38
LM-13-03	498	498.5	13757	4.89	1.76	0	0.15	5.1
LM-13-03	498.5	499	10204	5.28	25.49	0	0	8.15
LM-13-03	499	499.5	21924	6.7	21.36	0	0	19.77
LM-13-03	499.5	500	21877	6.75	14.96	0	0.16	6.77
LM-13-03	500	500.5	11766	9.48	8.64	0	0	1.72
LM-13-03	500.5	501	20871	7.7	5.54	0	1.91	13.5
LM-13-03	501	501.5	22020	6.58	13.22	0	4.44	17.61
LM-13-03	501.5	502	15266	13.43	14.72	0.01	6.9	7.88
LM-13-03	502	502.5	13378	13.21	9.37	0	4.93	8.15
LM-13-03	502.5	503	21707	10.43	17.82	0	3.32	13.59
LM-13-03	503	503.5	21608	6.03	9.22	0	10.09	12.14
LM-13-03	503.5	504	14262	10.35	4.84	0.11	21.05	5.1
LM-13-03	504	504.5	20387	11.08	9.82	0	8.32	8.28
LM-13-03	504.5	505	19974	9.24	7.61	0	1.41	4.51

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	488.5	489	5.39	2.31	0.01	0	0.02	0
LM-13-03	489	489.5	14.42	0.99	0	0	0	0
LM-13-03	489.5	490	13.27	0.01	0	0	0	0
LM-13-03	490	490.5	3.38	0.54	0.02	0	0	0
LM-13-03	490.5	491	9.16	4.14	0.06	0	0	0
LM-13-03	491	491.5	15.62	7.29	0.07	0	0	0
LM-13-03	491.5	492	9.38	1.44	0.13	0	0	0
LM-13-03	492	492.5	5.49	2.67	0.3	0	0	0.01
LM-13-03	492.5	493	14.69	15.76	0.1	0	0	0.07
LM-13-03	493	493.5	1.94	0	0	0	0	0
LM-13-03	493.5	494	2.18	0.03	0	0	0	0.02
LM-13-03	494	494.5	1.11	0.79	0.06	0	0	0.01
LM-13-03	494.5	495	0.5	0	0	0	0	0
LM-13-03	495	495.5	8.39	1.08	0.01	0	0.05	0.25
LM-13-03	495.5	496	0.82	0.57	0	0	0	0.02
LM-13-03	496	496.5	0.43	0	0	0	0	0
LM-13-03	496.5	497	16.74	2.53	0.14	0	0	0.1
LM-13-03	497	497.5	0	0	0	0	0	0.01
LM-13-03	497.5	498	2.37	0.4	0.01	0	0.01	0.05
LM-13-03	498	498.5	0.4	0.25	0.01	0	0	0.07
LM-13-03	498.5	499	0.3	0	0	0	0	0
LM-13-03	499	499.5	0.04	0	0	0	0	0
LM-13-03	499.5	500	2.58	0.07	0	0	0	0.03
LM-13-03	500	500.5	0.37	0	0	0	0	0.03
LM-13-03	500.5	501	4.36	0.17	0	0	0	0.04
LM-13-03	501	501.5	9.2	5.9	0.2	0	0	0
LM-13-03	501.5	502	12.37	5.97	0.07	0	0	0
LM-13-03	502	502.5	12.52	8.84	0.37	0	0.02	0.08
LM-13-03	502.5	503	15.97	13.11	0.16	0	0.02	0
LM-13-03	503	503.5	9.42	6.46	0.4	0	0.07	0.07
LM-13-03	503.5	504	28.43	34.41	1.14	0	0	0
LM-13-03	504	504.5	13.11	11.17	0.48	0	0	0
LM-13-03	504.5	505	3.7	1.68	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	488.5	489	0	0.04	0	0.31	40.8
LM-13-03	489	489.5	0	0.03	0	0.08	12.44
LM-13-03	489.5	490	0.05	0.21	0.07	5.73	5.33
LM-13-03	490	490.5	0	0.07	0	0.6	36.2
LM-13-03	490.5	491	0.01	0.06	0.25	13.09	13.16
LM-13-03	491	491.5	0	0	0.11	5.72	13.23
LM-13-03	491.5	492	0	0.06	0	5.65	10.59
LM-13-03	492	492.5	0	0.11	0.13	6.76	19.76
LM-13-03	492.5	493	0.06	0.01	0.04	5.96	8.63
LM-13-03	493	493.5	0	1.51	0	0	26.49
LM-13-03	493.5	494	0	0.01	0	0	31.14
LM-13-03	494	494.5	0	0	0	0.59	8.38
LM-13-03	494.5	495	0	0	0	0	23.05
LM-13-03	495	495.5	0	0	0	1.37	8.33
LM-13-03	495.5	496	0	0.11	0.01	0.02	19.85
LM-13-03	496	496.5	0	0.01	0	0	15.76
LM-13-03	496.5	497	0	0.01	0	0.92	12.08
LM-13-03	497	497.5	0	0	0	0	29.08
LM-13-03	497.5	498	0	0.01	0	0	45.64
LM-13-03	498	498.5	0	0.04	0	0	38.68
LM-13-03	498.5	499	0	0	0	0	17.26
LM-13-03	499	499.5	0	0	0	0	18.83
LM-13-03	499.5	500	0	0	0	0	29.92
LM-13-03	500	500.5	0	0	0	0	23.79
LM-13-03	500.5	501	0	0.26	0	0	33.21
LM-13-03	501	501.5	0	0.1	0	0.59	15.16
LM-13-03	501.5	502	0	0.56	0	0.11	15.33
LM-13-03	502	502.5	0.01	0.22	0	1.67	13.72
LM-13-03	502.5	503	0	0.17	0	2.1	17.29
LM-13-03	503	503.5	0	0.15	0	3.59	24.1
LM-13-03	503.5	504	0	0.05	0.03	7.68	2.17
LM-13-03	504	504.5	0	0	0	0.25	18.34
LM-13-03	504.5	505	0	0.02	0	0	32.75

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	488.5	489	18.36	2.84	0.3	1.15	0.3
LM-13-03	489	489.5	3.1	12.32	0.56	1.33	0.03
LM-13-03	489.5	490	16.67	5.91	0.3	0.28	0.01
LM-13-03	490	490.5	15.02	2.99	0.62	0.75	0
LM-13-03	490.5	491	2.17	6.12	0.59	1.39	0.28
LM-13-03	491	491.5	6.26	4.15	1.16	2.17	0.45
LM-13-03	491.5	492	2.87	3.18	0.07	1.07	0.39
LM-13-03	492	492.5	6.73	2.08	0.22	1.57	0.58
LM-13-03	492.5	493	3.77	10.75	0.84	3.17	0.55
LM-13-03	493	493.5	50.08	1.36	0.16	0.12	0.01
LM-13-03	493.5	494	59.38	0.92	1.28	0	0
LM-13-03	494	494.5	38.6	1.05	0.7	0	0.01
LM-13-03	494.5	495	38.88	1.39	0.31	0.04	0
LM-13-03	495	495.5	19.94	3.41	0.23	0.14	0.01
LM-13-03	495.5	496	51.83	1.84	0.09	0.18	0
LM-13-03	496	496.5	50.15	1.06	0.01	0.07	0
LM-13-03	496.5	497	29.66	2.54	0.26	1.34	0.22
LM-13-03	497	497.5	47.5	0	0	0	0
LM-13-03	497.5	498	30.05	1	0.26	0	0
LM-13-03	498	498.5	43	0.31	0.09	0.71	0.09
LM-13-03	498.5	499	30.75	0.99	0.06	0	0
LM-13-03	499	499.5	28.66	0.64	0.07	0	0
LM-13-03	499.5	500	36.86	1.43	0.14	0.02	0
LM-13-03	500	500.5	37.37	0.29	0.03	0	0
LM-13-03	500.5	501	31.1	1.72	0.39	0.05	0.03
LM-13-03	501	501.5	22.62	4.8	0.17	1.91	0.31
LM-13-03	501.5	502	21.43	3.66	0.21	2.14	0.72
LM-13-03	502	502.5	20.35	5.51	0.21	2.61	0.43
LM-13-03	502.5	503	7.94	9.14	0.41	1.52	0.17
LM-13-03	503	503.5	15.77	5.58	0.4	2.73	0.62
LM-13-03	503.5	504	2.48	2.26	0.28	6.39	1.56
LM-13-03	504	504.5	20.09	4.17	0.13	4.01	0.62
LM-13-03	504.5	505	38.03	3.66	0.49	0.1	0.01

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	488.5	489	2343.6	929.97	0.81	2202.74	0.46
LM-13-03	489	489.5	2341.44	0	0.52	2203.69	0.7
LM-13-03	489.5	490	2335.89	0	0.52	2203.34	2.5
LM-13-03	490	490.5	2340.88	0	0.44	2203.45	2.26
LM-13-03	490.5	491	2336.84	0	0.81	2202.5	0.38
LM-13-03	491	491.5	2340.33	0	0.8	2203.26	0.57
LM-13-03	491.5	492	2335.43	0	1.09	2203.28	0
LM-13-03	492	492.5	2334.57	0	1.1	2202.9	0.27
LM-13-03	492.5	493	2341.3	886.76	1.08	2203.01	1.17
LM-13-03	493	493.5	2337.99	0	0.94	2205.77	0
LM-13-03	493.5	494	2346.05	0	0	0	0
LM-13-03	494	494.5	2343.47	0	0	0	0
LM-13-03	494.5	495	0	0	0.21	2198.5	0
LM-13-03	495	495.5	2342.81	896.87	0.65	2202.45	0
LM-13-03	495.5	496	0	0	0.7	2209.53	0
LM-13-03	496	496.5	0	0	0.36	2204.32	0
LM-13-03	496.5	497	2340.84	944	0.86	2202.59	4.23
LM-13-03	497	497.5	0	948	0	0	0
LM-13-03	497.5	498	2345.54	928.44	0	0	0
LM-13-03	498	498.5	2346.74	960.49	0.8	2205.04	0
LM-13-03	498.5	499	0	0	0	0	0
LM-13-03	499	499.5	0	908	0	0	0
LM-13-03	499.5	500	2345.04	932	0.52	2203.79	0
LM-13-03	500	500.5	0	932	0	0	0
LM-13-03	500.5	501	2343.21	894.09	0.68	2204.38	0
LM-13-03	501	501.5	2345.1	0	0.57	2202.4	0.72
LM-13-03	501.5	502	2345.34	0	0.86	2203.79	0
LM-13-03	502	502.5	2344.7	876.45	0.69	2204.33	0
LM-13-03	502.5	503	2345.03	892	0.63	2203.13	0.31
LM-13-03	503	503.5	2341.11	924.58	0.58	2202.87	1.15
LM-13-03	503.5	504	2344.03	0	0.64	2202.28	3.88
LM-13-03	504	504.5	2344.87	0	0.6	2202.17	0.25
LM-13-03	504.5	505	2345.31	0	0.43	2202.5	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	488.5	489	9.26	89.35	0.93	0	2256.28
LM-13-03	489	489.5	2.11	95.77	1.41	0	2256.71
LM-13-03	489.5	490	10	80	5	2.5	2258.57
LM-13-03	490	490.5	10.53	83.46	3.76	0	2257.61
LM-13-03	490.5	491	17.49	76.05	4.56	1.52	2255.8
LM-13-03	491	491.5	5.41	89.46	3.7	0.85	2256.32
LM-13-03	491.5	492	0.95	97.16	1.9	0	2257.38
LM-13-03	492	492.5	6.87	90.93	1.92	0	2256.34
LM-13-03	492.5	493	11.68	83.18	3.74	0.23	2256.92
LM-13-03	493	493.5	0	100	0	0	0
LM-13-03	493.5	494	0	0	0	0	2261.99
LM-13-03	494	494.5	0	0	0	0	2256.33
LM-13-03	494.5	495	75	25	0	0	0
LM-13-03	495	495.5	5.26	94.74	0	0	2256.41
LM-13-03	495.5	496	0	35.48	61.29	3.23	2255.93
LM-13-03	496	496.5	0	100	0	0	0
LM-13-03	496.5	497	5.63	85.92	4.23	0	2256.29
LM-13-03	497	497.5	0	0	0	0	0
LM-13-03	497.5	498	0	0	0	0	2256.67
LM-13-03	498	498.5	2.02	90.91	7.07	0	2255.64
LM-13-03	498.5	499	0	0	0	0	0
LM-13-03	499	499.5	0	0	0	0	0
LM-13-03	499.5	500	0	100	0	0	2254.38
LM-13-03	500	500.5	0	0	0	0	0
LM-13-03	500.5	501	0	90	10	0	2257.88
LM-13-03	501	501.5	11.46	85.68	2.15	0	2257.77
LM-13-03	501.5	502	8.1	90.13	1.77	0	2257.23
LM-13-03	502	502.5	6.92	83.29	9.51	0.29	2256.88
LM-13-03	502.5	503	11.08	84.92	3.69	0	2257.21
LM-13-03	503	503.5	9.74	84.81	4.3	0	2256.82
LM-13-03	503.5	504	15.93	77.25	2.73	0.21	2256.56
LM-13-03	504	504.5	16.58	81.56	1.61	0	2256.86
LM-13-03	504.5	505	15	85	0	0	2256.87

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	488.5	489	0	0.23	65.43	34.34
LM-13-03	489	489.5	0	0.93	56.07	42.99
LM-13-03	489.5	490	0	0	0	100
LM-13-03	490	490.5	0	0	45.36	54.64
LM-13-03	490.5	491	0	1.38	74.5	24.12
LM-13-03	491	491.5	0.09	0.26	72.86	26.8
LM-13-03	491.5	492	0	0	42.6	57.4
LM-13-03	492	492.5	0.21	0.21	67.8	31.77
LM-13-03	492.5	493	0	0.19	55.62	44.19
LM-13-03	493	493.5	0	0	0	0
LM-13-03	493.5	494	0	0	0	100
LM-13-03	494	494.5	0	0	68.12	31.88
LM-13-03	494.5	495	0	0	0	0
LM-13-03	495	495.5	0	2.13	62.41	35.46
LM-13-03	495.5	496	0	0	87.85	12.15
LM-13-03	496	496.5	0	0	0	0
LM-13-03	496.5	497	0	0.26	71.43	28.32
LM-13-03	497	497.5	0	0	0	0
LM-13-03	497.5	498	0	0	59.38	40.63
LM-13-03	498	498.5	0	0	68.75	31.25
LM-13-03	498.5	499	0	0	0	0
LM-13-03	499	499.5	0	0	0	0
LM-13-03	499.5	500	0	0	87.5	12.5
LM-13-03	500	500.5	0	0	0	0
LM-13-03	500.5	501	0	0	41.18	58.82
LM-13-03	501	501.5	0	0.47	38.24	61.29
LM-13-03	501.5	502	0	0.33	48.9	50.77
LM-13-03	502	502.5	0	0.43	57.14	42.43
LM-13-03	502.5	503	0	0.14	49.82	50.04
LM-13-03	503	503.5	0.07	0.36	59.03	40.53
LM-13-03	503.5	504	0.02	0.6	62.29	37.09
LM-13-03	504	504.5	0	0.58	54.33	45.09
LM-13-03	504.5	505	0	0	57.78	42.22

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-03	505	505.5	18624	3.87	25.7	0.03	3.32	14.71
LM-13-03	505.5	506	31353	5.56	2.27	0	1.16	1.91
LM-13-04	146	146.5	14686	0.73	7.07	0	0	11.1
LM-13-04	146.5	147	17040	0.86	1.13	0	0	7.93
LM-13-04	147	147.5	17012	1.11	1.53	0	0.05	0.18
LM-13-04	147.5	148	15918	0.56	0.62	0	0	0.36
LM-13-04	148	148.5	9168	2.43	0.83	0	0	2.72
LM-13-04	148.5	149	16542	6.04	14.54	0	0	6.52
LM-13-04	149	149.5	16834	3.92	3.03	0	0	9.86
LM-13-04	149.5	150	16176	3.1	0.32	0	0	1.87
LM-13-04	150	150.5	3421	12.45	0.09	0	0	0
LM-13-04	150.5	151	17040	14.38	3.77	0	0.04	4.85
LM-13-04	151	151.5	16757	12.76	0.39	0	0	0.21
LM-13-04	151.5	152	15682	19.11	0.35	0	0.01	5.96
LM-13-04	152	152.5	13085	36.48	1.62	0	0.3	2.32
LM-13-04	152.5	153	10544	1.95	3.21	0	0	72.7
LM-13-04	153	153.5	16858	5.59	36.04	0	0	14.84
LM-13-04	153.5	154	16792	4.18	2.56	0	0.02	74.01
LM-13-04	154	154.5	13625	3.38	10.78	0	0.32	28.29
LM-13-04	154.5	155	9431	2.3	15.74	0	0.07	20.5
LM-13-04	155	155.5	14847	6.03	15.14	0.01	0.28	20.91
LM-13-04	155.5	156	15327	6.84	23.4	0.01	0.79	6.22
LM-13-04	156	156.5	15325	1.8	21.53	0	0.08	21.89
LM-13-04	156.5	157	15100	6.13	5.22	0.05	0.3	10.27
LM-13-04	157	157.5	17649	27.18	7.38	0.06	3.22	2.84
LM-13-04	157.5	158	19455	3.17	15.24	0.09	4.07	8.34
LM-13-04	158	158.5	20808	2.73	3.9	0.04	2.81	60.45
LM-13-04	158.5	159	8098	0.56	27.27	0	0	44.46
LM-13-04	159	159.5	20836	8.51	9.97	0	0.02	53.19
LM-13-04	159.5	160	19899	1.56	16.26	0.06	0.58	24.52
LM-13-04	160	160.5	17867	1.16	18.09	0	0.01	4.57
LM-13-04	160.5	161	7473	2.85	3.59	0.01	0.21	43.76
LM-13-04	161	161.5	16419	1.32	5.32	0	0	55.91

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-03	505	505.5	10.89	6.78	0.22	0	0.06	0.01
LM-13-03	505.5	506	3.62	0.6	0	0	0.01	0.08
LM-13-04	146	146.5	0	0	0	0	0.54	51.46
LM-13-04	146.5	147	0	0	0	0	0.02	31.12
LM-13-04	147	147.5	0.67	0	0	0	0.2	67.84
LM-13-04	147.5	148	0	0.01	0	0	0.35	78.87
LM-13-04	148	148.5	0	0	0	0	4.72	39.31
LM-13-04	148.5	149	0	0	0	0	0.51	53.36
LM-13-04	149	149.5	0.04	0	0	0	1.08	44.61
LM-13-04	149.5	150	0	0	0	0	0.46	35.95
LM-13-04	150	150.5	0	0	0	0	7.54	47.71
LM-13-04	150.5	151	2.76	0	0	0	0.09	16.92
LM-13-04	151	151.5	0.2	0	0	0	0.5	44.28
LM-13-04	151.5	152	0.27	0	0	0	0.5	47.27
LM-13-04	152	152.5	3.65	0.01	0	0	8.03	14.31
LM-13-04	152.5	153	0	0	0	0	2.96	4.49
LM-13-04	153	153.5	0.83	0	0	0	3.03	39.98
LM-13-04	153.5	154	0.54	0	0	0	0.39	0.44
LM-13-04	154	154.5	3.72	0.01	0	0	8.79	34.62
LM-13-04	154.5	155	2.66	0	0	0	2.08	29.69
LM-13-04	155	155.5	4.71	0	0	0	3.74	24.85
LM-13-04	155.5	156	3.88	0	0	0	4.39	44.95
LM-13-04	156	156.5	6.58	0	0	0	8.12	10.2
LM-13-04	156.5	157	2.13	0	0	0	4.8	28.43
LM-13-04	157	157.5	2.89	0	0	0	8.6	1.71
LM-13-04	157.5	158	9.63	0	0	0	14.82	23.18
LM-13-04	158	158.5	4.18	0	0	0	2.97	9.15
LM-13-04	158.5	159	0.01	0	0	0	10.61	40.78
LM-13-04	159	159.5	0.56	0	0	0	3.37	20
LM-13-04	159.5	160	1.97	0	0	0	18.21	10.45
LM-13-04	160	160.5	1.08	0	0	0	7.61	58.35
LM-13-04	160.5	161	4.24	0	0	0	6.14	2.5
LM-13-04	161	161.5	0	0	0	0	2.15	1.99

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-03	505	505.5	0.01	0.08	0.14	3.59	13.51
LM-13-03	505.5	506	0.01	0	0.04	8.11	25.07
LM-13-04	146	146.5	0.05	10.38	30.23	5.93	56.88
LM-13-04	146.5	147	0.06	9.75	9.89	8.08	52.34
LM-13-04	147	147.5	0.01	0.71	31.25	3.95	56.24
LM-13-04	147.5	148	0	2.1	36.39	1.19	58.05
LM-13-04	148	148.5	0	0.25	55.26	0.59	55.61
LM-13-04	148.5	149	0.02	1.52	8.72	3.09	24.55
LM-13-04	149	149.5	0	0.16	7.1	5.3	29.87
LM-13-04	149.5	150	0	0.03	1.58	4.41	31.82
LM-13-04	150	150.5	0	0	5.96	16.95	14.12
LM-13-04	150.5	151	0.02	0.03	6.93	2.49	46.61
LM-13-04	151	151.5	0	0.11	6.93	0.04	32.83
LM-13-04	151.5	152	0	0.13	1.18	0.1	46.86
LM-13-04	152	152.5	0	1.16	6.15	3.91	2.07
LM-13-04	152.5	153	0	0.69	0.63	5.15	4.84
LM-13-04	153	153.5	0	0.74	1.82	5.89	18.57
LM-13-04	153.5	154	0.01	1.68	0.83	7.65	4.34
LM-13-04	154	154.5	0.03	0.25	3.19	15.38	10.19
LM-13-04	154.5	155	0.02	0.36	0.74	13.74	35.09
LM-13-04	155	155.5	0.05	0.23	1.58	12.56	20.36
LM-13-04	155.5	156	0.06	0.62	0.94	5.84	15.19
LM-13-04	156	156.5	0.03	0.07	0.32	23.57	19.35
LM-13-04	156.5	157	0.06	0.57	5.34	42.29	7.51
LM-13-04	157	157.5	0.01	0.18	2.49	32.51	1.35
LM-13-04	157.5	158	0.04	0.13	1.35	36.25	8.73
LM-13-04	158	158.5	0.01	1.63	2.27	15.21	1.82
LM-13-04	158.5	159	0	0.64	2.49	0.38	0.32
LM-13-04	159	159.5	0.05	2.14	3.46	7.98	0.54
LM-13-04	159.5	160	0.01	0.22	3.61	41.79	3.51
LM-13-04	160	160.5	0.18	0.11	4.01	26.62	11.02
LM-13-04	160.5	161	0	0.2	7.33	28.66	6.8
LM-13-04	161	161.5	0	0.35	0.51	5.93	3.7

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-03	505	505.5	18.27	1.35	0	4.11	0.34
LM-13-03	505.5	506	57.22	1.53	0.27	0.27	0.01
LM-13-04	146	146.5	2.45	0	0	17.3	0
LM-13-04	146.5	147	25.28	0	0.01	16.06	0
LM-13-04	147	147.5	12.12	0	0	4.32	0
LM-13-04	147.5	148	10.16	0	0	2.85	0
LM-13-04	148	148.5	1.72	0	0.01	13.14	0
LM-13-04	148.5	149	10.31	0	0.02	6.53	0
LM-13-04	149	149.5	26.77	0	0	1.21	0
LM-13-04	149.5	150	51.18	0	0.13	1.4	0
LM-13-04	150	150.5	27.21	0	0	0	0
LM-13-04	150.5	151	21.89	0.59	1.03	1.68	0
LM-13-04	151	151.5	35.08	0	0.14	1.18	0
LM-13-04	151.5	152	6.03	2.14	0.16	5.5	0
LM-13-04	152	152.5	9.1	18.4	0.34	13.22	0.01
LM-13-04	152.5	153	0.93	0.02	0.16	7.71	0.02
LM-13-04	153	153.5	2.84	0	0	9.58	0.01
LM-13-04	153.5	154	0.47	0.01	0.15	41.75	0.53
LM-13-04	154	154.5	2.02	0	0.23	8.27	0.12
LM-13-04	154.5	155	1.47	0.17	0.01	6.23	0.05
LM-13-04	155	155.5	1.97	1.5	0.27	7.44	0.11
LM-13-04	155.5	156	8.06	0.88	0.11	1.86	0
LM-13-04	156	156.5	5.76	0	0	1.05	0
LM-13-04	156.5	157	6.77	0.01	0.17	34.07	0
LM-13-04	157	157.5	0.22	4.68	0.04	52.22	0.18
LM-13-04	157.5	158	1.31	0.32	0.03	11.97	0.06
LM-13-04	158	158.5	0.07	0.05	0	17.7	0.32
LM-13-04	158.5	159	0.17	0	0	28.04	0.17
LM-13-04	159	159.5	0.03	0.02	0	67.54	1.71
LM-13-04	159.5	160	1.72	0	0.01	45.03	0.09
LM-13-04	160	160.5	11.94	0	0.02	2.32	0
LM-13-04	160.5	161	3.73	0.01	0	22.08	0.08
LM-13-04	161	161.5	0.2	0	0	49.24	0.98

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-03	505	505.5	2344.39	912.36	0.75	2203.96	0.24
LM-13-03	505.5	506	2345.09	892	0.52	2205.84	0
LM-13-04	146	146.5	0	863.62	0.77	2208.48	0
LM-13-04	146.5	147	0	861.69	0.71	2208.79	0
LM-13-04	147	147.5	2334	864.61	1.61	2208.15	0
LM-13-04	147.5	148	0	862.8	1.46	2208.13	0
LM-13-04	148	148.5	0	894.8	0.68	2210.16	0
LM-13-04	148.5	149	0	868.13	0.57	2209.27	0
LM-13-04	149	149.5	0	871.11	0.51	2209.82	0
LM-13-04	149.5	150	0	873.4	0.87	2210.82	0
LM-13-04	150	150.5	0	882.55	0	0	0
LM-13-04	150.5	151	2340	869.43	0.6	2211.42	0
LM-13-04	151	151.5	0	867.48	0.66	2211.56	0
LM-13-04	151.5	152	2344.58	863.68	0.65	2211.23	0
LM-13-04	152	152.5	2322.5	887.75	0.68	2210.74	0.06
LM-13-04	152.5	153	0	889.85	0.98	2210.7	0
LM-13-04	153	153.5	0	870.73	0.61	2209.56	0
LM-13-04	153.5	154	2348.36	894.06	1.03	2210.22	0
LM-13-04	154	154.5	2340.39	878.05	0.92	2210.11	0
LM-13-04	154.5	155	2328.62	870.57	0.83	2210.66	0
LM-13-04	155	155.5	2345.29	875.66	1.04	2210.52	0
LM-13-04	155.5	156	2340.43	869.39	0.5	2209.68	0
LM-13-04	156	156.5	2328.07	890.2	0.39	2211.04	0
LM-13-04	156.5	157	2336.42	877.13	1.45	2209.95	0
LM-13-04	157	157.5	2332.39	906.78	1.7	2210.62	0.03
LM-13-04	157.5	158	2332.38	887.22	1.42	2210.79	0
LM-13-04	158	158.5	2335	886.05	0.88	2210.04	0.03
LM-13-04	158.5	159	0	882.92	0.69	2208.28	0.04
LM-13-04	159	159.5	2340	882.18	1.39	2207.82	0.01
LM-13-04	159.5	160	2329.74	902.71	2.61	2210.45	0.01
LM-13-04	160	160.5	2348	876.46	0.63	2209.31	0
LM-13-04	160.5	161	2337.33	911.75	1.15	2210.49	0
LM-13-04	161	161.5	0	894.67	1.62	2210.8	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-03	505	505.5	6.7	83.9	8.81	0.35	2256.81
LM-13-03	505.5	506	0	97.65	2.35	0	2256.68
LM-13-04	146	146.5	0	37.67	62.33	0	0
LM-13-04	146.5	147	0	21.64	78.36	0	0
LM-13-04	147	147.5	0	39.67	60.33	0	0
LM-13-04	147.5	148	0	54.21	45.79	0	2258.48
LM-13-04	148	148.5	0	3.98	95.85	0.17	0
LM-13-04	148.5	149	0	25.71	74.2	0.09	0
LM-13-04	149	149.5	0	21.8	77.73	0.47	0
LM-13-04	149.5	150	0	0.44	99.56	0	0
LM-13-04	150	150.5	0	0	0	0	0
LM-13-04	150.5	151	0	0.35	99.3	0.35	0
LM-13-04	151	151.5	0	1.02	98.98	0	0
LM-13-04	151.5	152	0	1.16	98.84	0	0
LM-13-04	152	152.5	0.12	5.67	93.87	0.29	2259.24
LM-13-04	152.5	153	0.25	3.46	95.67	0.62	0
LM-13-04	153	153.5	0.12	10.21	89.67	0	0
LM-13-04	153.5	154	0.01	5.01	94.83	0.14	0
LM-13-04	154	154.5	0.18	15.14	83.35	1.34	2259.17
LM-13-04	154.5	155	0	6.95	92.88	0.17	0
LM-13-04	155	155.5	0	5.25	94.75	0	0
LM-13-04	155.5	156	0	18.75	80.21	1.04	0
LM-13-04	156	156.5	0	1.86	98.14	0	0
LM-13-04	156.5	157	0.04	7.33	92.61	0.02	0
LM-13-04	157	157.5	0.01	1.43	98.33	0.2	0
LM-13-04	157.5	158	0	3.87	95.78	0.34	0
LM-13-04	158	158.5	0.03	15.06	84.3	0.58	0
LM-13-04	158.5	159	0.04	48.5	50.75	0.66	0
LM-13-04	159	159.5	0	63.78	36.2	0.01	0
LM-13-04	159.5	160	0.02	6.66	93.27	0.04	0
LM-13-04	160	160.5	0	20.05	79.95	0	0
LM-13-04	160.5	161	0	2.97	96.97	0.06	0
LM-13-04	161	161.5	0	1.19	98.74	0.07	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-03	505	505.5	0	0	62.38	37.62
LM-13-03	505.5	506	1.1	0.55	54.95	43.41
LM-13-04	146	146.5	0	0	0	0
LM-13-04	146.5	147	0	0	0	0
LM-13-04	147	147.5	0	0	0	0
LM-13-04	147.5	148	0	0	0	100
LM-13-04	148	148.5	0	0	0	0
LM-13-04	148.5	149	0	0	0	0
LM-13-04	149	149.5	0	0	0	0
LM-13-04	149.5	150	0	0	0	0
LM-13-04	150	150.5	0	0	0	0
LM-13-04	150.5	151	0	0	0	0
LM-13-04	151	151.5	0	0	0	0
LM-13-04	151.5	152	0	0	0	0
LM-13-04	152	152.5	0	0	0	100
LM-13-04	152.5	153	0	0	0	0
LM-13-04	153	153.5	0	0	0	0
LM-13-04	153.5	154	0	0	0	0
LM-13-04	154	154.5	0	0	0	100
LM-13-04	154.5	155	0	0	0	0
LM-13-04	155	155.5	0	0	0	0
LM-13-04	155.5	156	0	0	0	0
LM-13-04	156	156.5	0	0	0	0
LM-13-04	156.5	157	0	0	0	0
LM-13-04	157	157.5	0	0	0	0
LM-13-04	157.5	158	0	0	0	0
LM-13-04	158	158.5	0	0	0	0
LM-13-04	158.5	159	0	0	0	0
LM-13-04	159	159.5	0	0	0	0
LM-13-04	159.5	160	0	0	0	0
LM-13-04	160	160.5	0	0	0	0
LM-13-04	160.5	161	0	0	0	0
LM-13-04	161	161.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	161.5	162	17766	1	28.26	0.06	0.3	25.1
LM-13-04	162	162.5	9384	2.88	38.45	0	4.27	2.67
LM-13-04	162.5	163	19285	2.87	7.37	0	0.01	40.43
LM-13-04	163	163.5	20046	4.07	11.85	0	0.11	32.3
LM-13-04	163.5	164	20841	7.12	7.15	0	0.06	32.97
LM-13-04	164	164.5	11515	7.68	25.03	0	0.03	28.61
LM-13-04	164.5	165	20251	5.04	37.94	0	0.09	5.93
LM-13-04	165	165.5	19562	7.18	13.84	0	0.02	11.91
LM-13-04	165.5	166	17248	1.87	6.36	0	0.07	68.33
LM-13-04	166	166.5	18342	1.93	16.34	0	0.04	16.79
LM-13-04	166.5	167	20152	5.96	10.49	0	0.18	20.82
LM-13-04	167	167.5	20406	1.99	29.29	0	0	36.65
LM-13-04	167.5	168	14871	0.28	9.76	0	0	50.06
LM-13-04	168	168.5	20678	0.5	17.26	0	0	28.72
LM-13-04	168.5	169	19999	2.08	15.61	0	0	43.67
LM-13-04	169	169.5	14237	2.25	26.26	0	0.09	13.94
LM-13-04	169.5	170	14964	4.75	10.67	0	0.07	37.52
LM-13-04	170	170.5	19801	3.01	15.96	0.02	0.31	13.21
LM-13-04	170.5	171	19029	3.42	11.71	0.03	1.59	14.95
LM-13-04	171	171.5	12540	4.65	1.12	0	0	74.35
LM-13-04	171.5	172	20689	5.38	20.91	0	0.02	10.45
LM-13-04	172	172.5	18929	1.34	8	0	0.04	3.56
LM-13-04	172.5	173	20014	13.1	21.09	0.04	0.12	13.13
LM-13-04	173	173.5	14739	0.16	48.25	0	0	33.33
LM-13-04	173.5	174	18432	16.8	20.32	0.02	0.62	9.34
LM-13-04	174	174.5	15200	1.48	30.22	0	0	43.73
LM-13-04	174.5	175	19671	1.78	33.66	0	0.2	44.9
LM-13-04	175	175.5	18542	0.83	50.93	0	0.07	28.82
LM-13-04	175.5	176	20151	1.98	40.28	0.01	0.2	17.5
LM-13-04	176	176.5	18865	4.61	31.16	0	0.04	9.38
LM-13-04	176.5	177	10424	4.65	3.12	0	0.03	46.59
LM-13-04	177	177.5	20583	4	25.27	0	0	15.11
LM-13-04	177.5	178	20622	1.61	42.84	0	0.05	20.32

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	161.5	162	2.24	0	0	0	1.62	39.58
LM-13-04	162	162.5	7.5	0	0	0	10.1	43.07
LM-13-04	162.5	163	0.99	0	0	0	5.04	8.2
LM-13-04	163	163.5	3.52	0	0	0	9.94	14.19
LM-13-04	163.5	164	0.76	0	0	0	14.92	17.89
LM-13-04	164	164.5	0.42	0	0	0	1.01	19.45
LM-13-04	164.5	165	1.64	0	0	0	2.42	42.53
LM-13-04	165	165.5	1.95	0	0	0	0.95	14.21
LM-13-04	165.5	166	0.38	0	0	0	4.3	3.19
LM-13-04	166	166.5	0.45	0	0	0	1.84	20.21
LM-13-04	166.5	167	2.63	0	0	0	4.02	27.63
LM-13-04	167	167.5	0.03	0	0	0	2.44	29.5
LM-13-04	167.5	168	0	0	0	0	1.92	31.28
LM-13-04	168	168.5	0	0.01	0	0	0.46	34.22
LM-13-04	168.5	169	0.18	0	0	0	3.34	24.05
LM-13-04	169	169.5	1	0	0	0	3.88	9.33
LM-13-04	169.5	170	1.31	0	0	0	6.46	3.31
LM-13-04	170	170.5	3.84	0	0	0	5.6	30.28
LM-13-04	170.5	171	11.41	0	0	0	6.56	4.21
LM-13-04	171	171.5	0	0	0	0	0.05	0.22
LM-13-04	171.5	172	1.59	0	0	0	1.51	15.99
LM-13-04	172	172.5	5.02	0	0	0	10.56	31.95
LM-13-04	172.5	173	0.05	0	0	0	13.92	24.93
LM-13-04	173	173.5	0	0	0	0	20.45	28.88
LM-13-04	173.5	174	2.63	0	0	0	10.03	26.35
LM-13-04	174	174.5	0.01	0	0	0	7.33	29.08
LM-13-04	174.5	175	1.56	0	0	0	7.36	31.67
LM-13-04	175	175.5	0.82	0	0	0	8.94	30.9
LM-13-04	175.5	176	1.78	0	0	0	5.46	33.03
LM-13-04	176	176.5	2.32	0	0	0	19.78	11.46
LM-13-04	176.5	177	4.83	0	0	0	12.13	3.61
LM-13-04	177	177.5	0.35	0	0	0	30.19	31.11
LM-13-04	177.5	178	3.59	0	0	0	23.38	36.17

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	161.5	162	0.11	0.21	1.06	13.08	11.97
LM-13-04	162	162.5	0.01	0	0.43	36.47	9.44
LM-13-04	162.5	163	0.08	0.87	1.57	21.42	32.59
LM-13-04	163	163.5	0.02	0.66	9.6	44.16	12.62
LM-13-04	163.5	164	0.03	0.77	16.62	41.07	3.1
LM-13-04	164	164.5	0.1	0.46	0.61	5.87	19.82
LM-13-04	164.5	165	0.02	0.07	0.3	5.85	28.79
LM-13-04	165	165.5	0.03	1.21	0.86	10.97	35.36
LM-13-04	165.5	166	0.01	8.37	0.86	14.15	1.88
LM-13-04	166	166.5	0.12	1.67	2.06	11.44	37.16
LM-13-04	166.5	167	0.01	5.76	10.14	25.28	12.19
LM-13-04	167	167.5	0.02	5.36	0.78	6.71	9.22
LM-13-04	167.5	168	0.02	12.89	2.56	0.89	9.82
LM-13-04	168	168.5	0.11	9.88	3.64	1.77	23.52
LM-13-04	168.5	169	0.05	14.66	3.04	17.42	7.12
LM-13-04	169	169.5	0.39	0.46	2.27	23.09	31.26
LM-13-04	169.5	170	0.02	1.16	2.75	36.53	7.68
LM-13-04	170	170.5	0.03	0.16	6.3	45.85	16.25
LM-13-04	170.5	171	0.02	0.17	11.25	50.61	21.11
LM-13-04	171	171.5	0.02	0.5	0.27	6.93	7.91
LM-13-04	171.5	172	0	0.16	4.12	17.31	37.36
LM-13-04	172	172.5	0.01	4.91	10.18	38.92	15.21
LM-13-04	172.5	173	0.03	8.53	6.12	33.53	1.41
LM-13-04	173	173.5	0	5.69	0.16	3.51	2.9
LM-13-04	173.5	174	0	11.99	7.96	35.33	1.44
LM-13-04	174	174.5	0.04	8.41	1.13	6.76	4.41
LM-13-04	174.5	175	0.03	7.31	0.67	6.54	2.6
LM-13-04	175	175.5	0	2.59	0.81	6.88	5.37
LM-13-04	175.5	176	0.03	2.13	0.62	11.19	9.63
LM-13-04	176	176.5	0.03	3.5	1.1	36.69	15.84
LM-13-04	176.5	177	0.01	7.49	3.69	54.14	1.06
LM-13-04	177	177.5	0.02	5.26	8.64	51.11	0.88
LM-13-04	177.5	178	0.05	3.06	3.54	32.66	1.45

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	161.5	162	1.71	0.05	0	0.87	0
LM-13-04	162	162.5	5.39	0.11	0	0.03	0
LM-13-04	162.5	163	2.08	0	0.03	26.24	0.21
LM-13-04	163	163.5	6.25	0	0.05	28.87	0.04
LM-13-04	163.5	164	3.11	0.34	0.02	18.92	0.03
LM-13-04	164	164.5	0.11	0.09	0.12	1.2	0.01
LM-13-04	164.5	165	2.36	0.06	0.03	0.24	0
LM-13-04	165	165.5	14.25	0	0.01	3.15	0
LM-13-04	165.5	166	3.62	0.02	0	45.77	0.3
LM-13-04	166	166.5	4.26	0	0	11.44	0
LM-13-04	166.5	167	6.16	0.05	0	24.97	0.05
LM-13-04	167	167.5	1.88	0	0.01	5.5	0.08
LM-13-04	167.5	168	2.76	0	0	19.47	0.12
LM-13-04	168	168.5	2.1	0	0	11.6	0.02
LM-13-04	168.5	169	0.59	0	0	37.66	0.37
LM-13-04	169	169.5	8.93	0.08	0	11.91	0
LM-13-04	169.5	170	1.92	0.01	0	72.4	0.2
LM-13-04	170	170.5	5.27	0.01	0.03	15.69	0
LM-13-04	170.5	171	3.49	0.02	0.3	19.47	0.02
LM-13-04	171	171.5	2.37	0	0.02	23.93	0.24
LM-13-04	171.5	172	7	0.32	0.44	2.36	0
LM-13-04	172	172.5	12.25	0.01	0.01	26.36	0.03
LM-13-04	172.5	173	1.86	0	0	70.8	0.21
LM-13-04	173	173.5	0.26	0	0	21.86	0.11
LM-13-04	173.5	174	2.63	3.67	0.31	45.92	0.03
LM-13-04	174	174.5	1.45	0.01	0	27.84	0.19
LM-13-04	174.5	175	0	0.06	0	39.61	0.49
LM-13-04	175	175.5	2.77	0	0	8.26	0.31
LM-13-04	175.5	176	4.76	0.1	0	12.54	0.08
LM-13-04	176	176.5	1.02	0.15	0	44.25	0.1
LM-13-04	176.5	177	0	0.01	0	31.95	0
LM-13-04	177	177.5	0.15	0.01	0	53.51	0.01
LM-13-04	177.5	178	2.8	0.16	0	10.24	0.03

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	161.5	162	2332.99	866.59	0.48	2211.41	0
LM-13-04	162	162.5	2327.84	881.44	0.33	2216.41	0
LM-13-04	162.5	163	0	889.55	0.79	2209.86	0
LM-13-04	163	163.5	2345.44	894.64	0.97	2209.96	0
LM-13-04	163.5	164	2345.79	899.63	0.98	2209.23	0
LM-13-04	164	164.5	2344.51	871.87	0.54	2208.59	0
LM-13-04	164.5	165	2326	872.02	0.53	2208.07	0
LM-13-04	165	165.5	2346.87	872.48	1.21	2207.92	0
LM-13-04	165.5	166	0	896.18	1.2	2207.54	0
LM-13-04	166	166.5	2344.41	874.63	1.13	2208.38	0
LM-13-04	166.5	167	2334.64	878.67	1.08	2209.14	0
LM-13-04	167	167.5	0	873.24	0.77	2207.82	0
LM-13-04	167.5	168	0	870.38	0.69	2207.67	0.03
LM-13-04	168	168.5	0	867.18	0.68	2208.23	0
LM-13-04	168.5	169	0	882.54	1.53	2208.12	0
LM-13-04	169	169.5	2344.84	883.1	1.13	2208.91	0
LM-13-04	169.5	170	2337.24	899.22	2.14	2208.25	0
LM-13-04	170	170.5	2338.98	882.78	2.56	2208.48	0
LM-13-04	170.5	171	2325.61	905.31	2.36	2208.85	0
LM-13-04	171	171.5	0	898.82	1.69	2209.22	0
LM-13-04	171.5	172	2341.56	876.33	0.94	2209	0
LM-13-04	172	172.5	2338.62	889.64	2.48	2207.46	0
LM-13-04	172.5	173	2323.87	888.9	2.83	2207.25	0
LM-13-04	173	173.5	0	886.95	0.96	2207.34	0
LM-13-04	173.5	174	2337.64	886.63	2.56	2206.88	0
LM-13-04	174	174.5	0	879.45	1.13	2206.74	0
LM-13-04	174.5	175	2339.85	880.57	1.15	2206.84	0.01
LM-13-04	175	175.5	2343.95	879.99	0.76	2206.94	0
LM-13-04	175.5	176	2338.77	877.43	2.46	2207.2	0
LM-13-04	176	176.5	2336	906.37	2.69	2207.06	0
LM-13-04	176.5	177	0	912.49	1.55	2207.55	0.03
LM-13-04	177	177.5	0	895.19	2.3	2207.32	0
LM-13-04	177.5	178	2342.82	890.41	0.9	2207.01	0.05

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	161.5	162	0	9.09	87.66	3.25	0
LM-13-04	162	162.5	0	0	33.33	66.67	0
LM-13-04	162.5	163	0.02	8.99	90.78	0.22	0
LM-13-04	163	163.5	0	6.79	93	0.21	0
LM-13-04	163.5	164	0	14.93	85.05	0.03	0
LM-13-04	164	164.5	0	36.43	63.57	0	0
LM-13-04	164.5	165	0	63.27	34.69	2.04	0
LM-13-04	165	165.5	0	55.09	44.75	0.16	0
LM-13-04	165.5	166	0	69.07	30.93	0	0
LM-13-04	166	166.5	0	40.03	59.97	0	0
LM-13-04	166.5	167	0	25.71	74.29	0	0
LM-13-04	167	167.5	0	57.31	42.69	0	0
LM-13-04	167.5	168	0	61.24	38.66	0.07	0
LM-13-04	168	168.5	0	46	53.88	0.12	2258.85
LM-13-04	168.5	169	0.01	47.58	52.31	0.09	0
LM-13-04	169	169.5	0	16.03	83.97	0	0
LM-13-04	169.5	170	0	38.89	61.11	0	0
LM-13-04	170	170.5	0	19.21	80.79	0	0
LM-13-04	170.5	171	0	17.12	82.88	0	0
LM-13-04	171	171.5	0	14.13	85.67	0.2	0
LM-13-04	171.5	172	0	18	82	0	0
LM-13-04	172	172.5	0	76.83	23.15	0.02	0
LM-13-04	172.5	173	0	84.4	15.6	0	0
LM-13-04	173	173.5	0	66.6	33.34	0.06	0
LM-13-04	173.5	174	0	92.33	7.67	0	0
LM-13-04	174	174.5	0.05	88.38	11.55	0.02	0
LM-13-04	174.5	175	0	86.09	13.87	0.03	0
LM-13-04	175	175.5	0	80.31	19.69	0	0
LM-13-04	175.5	176	0	87.9	12.06	0.04	0
LM-13-04	176	176.5	0	91.62	8.38	0	0
LM-13-04	176.5	177	0	65.81	34.13	0.03	0
LM-13-04	177	177.5	0.01	86.59	13.39	0.01	0
LM-13-04	177.5	178	0.14	78.67	21.14	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	161.5	162	0	0	0	0
LM-13-04	162	162.5	0	0	0	0
LM-13-04	162.5	163	0	0	0	0
LM-13-04	163	163.5	0	0	0	0
LM-13-04	163.5	164	0	0	0	0
LM-13-04	164	164.5	0	0	0	0
LM-13-04	164.5	165	0	0	0	0
LM-13-04	165	165.5	0	0	0	0
LM-13-04	165.5	166	0	0	0	0
LM-13-04	166	166.5	0	0	0	0
LM-13-04	166.5	167	0	0	0	0
LM-13-04	167	167.5	0	0	0	0
LM-13-04	167.5	168	0	0	0	0
LM-13-04	168	168.5	0	0	0	100
LM-13-04	168.5	169	0	0	0	0
LM-13-04	169	169.5	0	0	0	0
LM-13-04	169.5	170	0	0	0	0
LM-13-04	170	170.5	0	0	0	0
LM-13-04	170.5	171	0	0	0	0
LM-13-04	171	171.5	0	0	0	0
LM-13-04	171.5	172	0	0	0	0
LM-13-04	172	172.5	0	0	0	0
LM-13-04	172.5	173	0	0	0	0
LM-13-04	173	173.5	0	0	0	0
LM-13-04	173.5	174	0	0	0	0
LM-13-04	174	174.5	0	0	0	0
LM-13-04	174.5	175	0	0	0	0
LM-13-04	175	175.5	0	0	0	0
LM-13-04	175.5	176	0	0	0	0
LM-13-04	176	176.5	0	0	0	0
LM-13-04	176.5	177	0	0	0	0
LM-13-04	177	177.5	0	0	0	0
LM-13-04	177.5	178	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	178	178.5	17304	4.69	9.29	0	0.01	13.53
LM-13-04	178.5	179	12762	0.9	48.55	0	0.02	19.5
LM-13-04	179	179.5	14698	4.48	14.2	0.01	0.12	2.1
LM-13-04	179.5	180	20752	11.99	11.89	0	0.29	1.73
LM-13-04	180	180.5	7582	8.65	33.03	0	0	28.28
LM-13-04	180.5	181	20113	0.7	27.12	0	0.01	57.3
LM-13-04	181	181.5	20820	0.67	21.57	0	0	67.65
LM-13-04	181.5	182	20326	0.78	18.2	0	0.01	65.74
LM-13-04	182	182.5	16235	0.76	26.98	0	0.09	46.56
LM-13-04	182.5	183	20820	1.06	33.52	0	0	42.75
LM-13-04	183	183.5	20625	1.21	25.12	0.06	0.2	33.54
LM-13-04	183.5	184	18658	0.36	33.17	0	0	32.73
LM-13-04	184	184.5	14670	1.45	20.05	0.04	0.17	32.86
LM-13-04	184.5	185	19920	3.34	8.6	0	0.19	40.69
LM-13-04	185	185.5	20820	0.51	15.98	0	0	54.69
LM-13-04	185.5	186	17682	1.97	14.04	0	0.34	54.46
LM-13-04	186	186.5	20815	0.5	28.3	0	0.02	36.18
LM-13-04	186.5	187	20820	0.11	32.49	0	0	59.07
LM-13-04	187	187.5	12773	0.34	33.41	0	0	50.65
LM-13-04	187.5	188	13695	1.18	31.19	0	0	27.86
LM-13-04	188	188.5	18874	2.05	17.88	0	0.03	44.93
LM-13-04	188.5	189	19949	1.4	25.75	0	0.01	21.66
LM-13-04	189	189.5	14758	11.3	24.37	0	0	0.49
LM-13-04	189.5	190	19555	4.37	36.51	0	0	33.38
LM-13-04	190	190.5	15733	1.52	21.95	0	0	30.95
LM-13-04	190.5	191	16394	0.28	42.99	0	0	37.04
LM-13-04	191	191.5	9987	4.94	22.75	0	0	6.54
LM-13-04	191.5	192	20820	0.71	19.09	0	0	52.59
LM-13-04	192	192.5	20441	2.06	28.36	0	0.02	37.23
LM-13-04	192.5	193	6907	3.89	63.72	0	0.04	10.06
LM-13-04	193	193.5	20176	7.47	35.83	0	0	20.03
LM-13-04	193.5	194	20858	0.63	31.98	0	0	42.83
LM-13-04	194	194.5	22705	2.21	42.88	0	0.09	15.86

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	178	178.5	0.54	0	0	0	32.69	12.94
LM-13-04	178.5	179	1.45	0	0	0	16.88	44.05
LM-13-04	179	179.5	4.8	0	0	0	11.87	53.95
LM-13-04	179.5	180	0.05	0	0	0	10.16	51.12
LM-13-04	180	180.5	0.01	0	0	0	12.74	3.19
LM-13-04	180.5	181	0.38	0	0	0	1.52	6.75
LM-13-04	181	181.5	0.08	0	0	0	3.01	3
LM-13-04	181.5	182	0.02	0	0	0	4.48	9.58
LM-13-04	182	182.5	0.99	0	0	0	1	1.79
LM-13-04	182.5	183	0.04	0	0	0	4.77	9.73
LM-13-04	183	183.5	1.48	0	0	0	0.16	26.7
LM-13-04	183.5	184	0.03	0	0	0	1.11	7.53
LM-13-04	184	184.5	0.2	0	0	0	0.03	4.57
LM-13-04	184.5	185	2.57	0	0	0	0.71	0.34
LM-13-04	185	185.5	0	0	0	0	0.69	12.15
LM-13-04	185.5	186	0.77	0	0	0	3.17	8.05
LM-13-04	186	186.5	0.38	0	0	0	5.44	5.98
LM-13-04	186.5	187	0	0.02	0	0	18.27	7.49
LM-13-04	187	187.5	0	0.01	0	0	19.93	17.02
LM-13-04	187.5	188	0.6	0	0	0	1.37	2.02
LM-13-04	188	188.5	0.32	0	0	0	5.94	10.24
LM-13-04	188.5	189	0.68	0	0	0	8.35	37.22
LM-13-04	189	189.5	1.01	0	0	0	18.34	43.5
LM-13-04	189.5	190	0.05	0	0	0	18.4	26.61
LM-13-04	190	190.5	0	0	0	0	2.22	12.32
LM-13-04	190.5	191	0	0	0	0	3.14	30.58
LM-13-04	191	191.5	0.72	0	0	0	2.79	18
LM-13-04	191.5	192	0.17	0	0	0	0.86	15.06
LM-13-04	192	192.5	0.29	0	0	0	9.94	11.72
LM-13-04	192.5	193	2.2	0	0	0	6.1	32.43
LM-13-04	193	193.5	0.17	0	0	0	6.01	29.53
LM-13-04	193.5	194	0.25	0	0	0	7.22	17.54
LM-13-04	194	194.5	3.68	0	0	0	5.53	34.56

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	178	178.5	0.03	3.56	4.21	56.99	7.43
LM-13-04	178.5	179	0.07	1.97	3.35	22.2	4.94
LM-13-04	179	179.5	0.03	4.16	8.68	41.05	5.9
LM-13-04	179.5	180	0.01	1.78	15.31	26.71	1.62
LM-13-04	180	180.5	0	3.51	0.29	9.75	1.91
LM-13-04	180.5	181	0.02	6.55	0.29	4.76	5.17
LM-13-04	181	181.5	0.04	4.23	0.15	2.31	3.16
LM-13-04	181.5	182	0.01	5.9	0.78	1.74	3.34
LM-13-04	182	182.5	0.02	1.32	0.5	3.65	9.65
LM-13-04	182.5	183	0.02	2.18	0.64	6.47	5.85
LM-13-04	183	183.5	0	0.89	0.36	21.67	17.85
LM-13-04	183.5	184	0.01	0.41	3.52	4.97	23.77
LM-13-04	184	184.5	0.05	1.57	1.65	8.1	45.46
LM-13-04	184.5	185	0.02	2.81	1.91	13.06	22.83
LM-13-04	185	185.5	0	7.29	0.09	0.68	17.97
LM-13-04	185.5	186	0.01	4.67	1.69	9.17	17.49
LM-13-04	186	186.5	0	2.63	0	0.01	26.33
LM-13-04	186.5	187	0	4.99	0	0.11	0.8
LM-13-04	187	187.5	0	8.77	0	0.1	2.62
LM-13-04	187.5	188	0	1.22	0	16.09	22.56
LM-13-04	188	188.5	0.02	1.18	0.11	8.65	9.25
LM-13-04	188.5	189	0.07	2.92	0.42	9.47	10.41
LM-13-04	189	189.5	0	9.39	4.02	31.24	0.94
LM-13-04	189.5	190	0	3.32	1.74	12.51	1.5
LM-13-04	190	190.5	0	0.95	0.03	0.42	25.75
LM-13-04	190.5	191	0	0.31	0	0	10.45
LM-13-04	191	191.5	0	0.01	0.77	9.3	43.54
LM-13-04	191.5	192	0	1.68	0.02	0.86	17.11
LM-13-04	192	192.5	0.05	4.98	0.46	6.57	13.24
LM-13-04	192.5	193	0.1	1.51	0.09	3.46	4.24
LM-13-04	193	193.5	0.01	1.71	0.4	8.24	4.04
LM-13-04	193.5	194	0.01	0.31	0.93	17.02	8.95
LM-13-04	194	194.5	0.01	0.27	2.59	23.08	10.67

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	178	178.5	2.03	0.01	0.02	58.86	0
LM-13-04	178.5	179	0.03	0.14	0.11	4.47	0
LM-13-04	179	179.5	1.01	0.1	0.01	38.17	0
LM-13-04	179.5	180	0.07	0.01	0	80.72	0.16
LM-13-04	180	180.5	2.19	0	0	86.8	2.78
LM-13-04	180.5	181	2.82	0.2	0	21.48	1.37
LM-13-04	181	181.5	0.77	0.05	0	34.12	2.04
LM-13-04	181.5	182	0.78	0	0	19.87	0.78
LM-13-04	182	182.5	0.75	0.15	0	33.5	0.95
LM-13-04	182.5	183	1.95	0	0	24.34	0.79
LM-13-04	183	183.5	5.28	0.02	0	9.24	0.35
LM-13-04	183.5	184	3.33	0	0	1.54	0.03
LM-13-04	184	184.5	9.22	0.01	0.03	3.84	0.03
LM-13-04	184.5	185	13.6	0.13	0.01	42.43	2.56
LM-13-04	185	185.5	1.41	0	0	32.65	2.64
LM-13-04	185.5	186	3.28	0.01	0.02	22.57	2.04
LM-13-04	186	186.5	2.17	0.15	0	6.98	0.22
LM-13-04	186.5	187	0	0	0	49.21	4.81
LM-13-04	187	187.5	0	0	0	34.35	3.64
LM-13-04	187.5	188	2.03	0.12	0	45.79	0.41
LM-13-04	188	188.5	2.95	0.09	0.01	24.1	0.31
LM-13-04	188.5	189	2.84	0.02	0.01	12.89	0.03
LM-13-04	189	189.5	2.87	0	0	69.09	0.03
LM-13-04	189.5	190	0.13	0	0	52.19	0.94
LM-13-04	190	190.5	12.8	0.02	0	12.84	0.18
LM-13-04	190.5	191	0.14	0	0	2.12	0
LM-13-04	191	191.5	12.31	0.06	0	0	0
LM-13-04	191.5	192	3.33	0	0	15.55	0.24
LM-13-04	192	192.5	1.08	0	0.01	17.71	0.31
LM-13-04	192.5	193	0	2.52	0	5.04	0.13
LM-13-04	193	193.5	2.91	0.31	0	40.03	1.5
LM-13-04	193.5	194	0.47	0	0.03	22.07	0.47
LM-13-04	194	194.5	2.61	0.03	0.02	9.75	0.11

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	178	178.5	0	906.08	3.26	2207.47	0
LM-13-04	178.5	179	0	883.46	0.6	2206.71	0
LM-13-04	179	179.5	2332.06	882.22	4.47	2207.18	0
LM-13-04	179.5	180	2326.8	884.42	3.8	2207.42	0
LM-13-04	180	180.5	0	897.67	1.9	2207.42	0
LM-13-04	180.5	181	0	878.58	0.82	2207.61	0
LM-13-04	181	181.5	0	891.98	0.9	2207.78	0.01
LM-13-04	181.5	182	0	887.07	1.08	2207.48	0
LM-13-04	182	182.5	2344.01	888.34	0.98	2207.46	0
LM-13-04	182.5	183	2316	887.13	1.31	2207.28	0.02
LM-13-04	183	183.5	2329.3	866.18	0.63	2207.57	0.05
LM-13-04	183.5	184	0	879.49	0.57	2207.19	0.35
LM-13-04	184	184.5	2327.45	870.33	0.69	2207.41	0
LM-13-04	184.5	185	2335	907	1.24	2207.86	0
LM-13-04	185	185.5	0	868.79	0.98	2207.57	0
LM-13-04	185.5	186	2327.46	885.09	0.89	2207.18	0.02
LM-13-04	186	186.5	2344	889.51	0.62	2206.78	0
LM-13-04	186.5	187	0	898.57	1	2207.4	0.02
LM-13-04	187	187.5	0	894.67	0.89	2207.14	0
LM-13-04	187.5	188	0	887.17	2.28	2207.47	0
LM-13-04	188	188.5	2341.76	887.73	1.94	2207.52	0
LM-13-04	188.5	189	0	877.94	2.06	2206.94	0
LM-13-04	189	189.5	0	887.1	2.69	2207.2	0
LM-13-04	189.5	190	0	888.7	1.63	2207.09	0
LM-13-04	190	190.5	0	877.39	1.05	2207.27	0
LM-13-04	190.5	191	0	871.27	0.41	2208.31	0
LM-13-04	191	191.5	0	877.19	0	0	0
LM-13-04	191.5	192	0	869.4	0.56	2207.81	0
LM-13-04	192	192.5	2348	888.95	0.98	2206.83	0
LM-13-04	192.5	193	2340.81	877.99	0.75	2206.96	0
LM-13-04	193	193.5	2321.07	878.51	0.88	2208.32	0
LM-13-04	193.5	194	2316.81	881.82	0.73	2208.99	0.02
LM-13-04	194	194.5	2338.46	875.06	0.82	2208.06	0.09

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	178	178.5	0.01	77.02	22.97	0	0
LM-13-04	178.5	179	0.35	77.31	22.34	0	0
LM-13-04	179	179.5	0	94.44	5.56	0	0
LM-13-04	179.5	180	0	82.79	17.21	0.01	0
LM-13-04	180	180.5	0.02	77.54	22.45	0	0
LM-13-04	180.5	181	0.05	63.61	36.32	0.02	0
LM-13-04	181	181.5	0	60.36	39.52	0.11	0
LM-13-04	181.5	182	0.07	71.84	28.04	0.05	0
LM-13-04	182	182.5	0.04	73.53	26.43	0	0
LM-13-04	182.5	183	0.18	76.79	22.95	0.06	0
LM-13-04	183	183.5	0.16	59.77	40.02	0	0
LM-13-04	183.5	184	0	75.61	24.04	0	0
LM-13-04	184	184.5	0	65.96	34.04	0	0
LM-13-04	184.5	185	0	57.72	42.26	0.01	0
LM-13-04	185	185.5	0	67.75	32.25	0	0
LM-13-04	185.5	186	0.15	77.91	21.92	0	0
LM-13-04	186	186.5	0.07	79.44	20.43	0.07	0
LM-13-04	186.5	187	0.03	68.69	31.22	0.04	2261.1
LM-13-04	187	187.5	0.04	76.6	23.31	0.04	0
LM-13-04	187.5	188	0	83	17	0	0
LM-13-04	188	188.5	0	77.68	22.32	0	0
LM-13-04	188.5	189	0	91.31	8.66	0.04	0
LM-13-04	189	189.5	0	87.85	12.15	0	0
LM-13-04	189.5	190	0	84.18	15.8	0.02	0
LM-13-04	190	190.5	0	74.66	25.34	0	0
LM-13-04	190.5	191	0	45.14	54.86	0	0
LM-13-04	191	191.5	0	0	0	0	0
LM-13-04	191.5	192	0.03	56.17	43.74	0.06	0
LM-13-04	192	192.5	0.08	83.67	16.25	0	0
LM-13-04	192.5	193	0	79.1	20.62	0.28	0
LM-13-04	193	193.5	0	44.21	55.76	0.04	0
LM-13-04	193.5	194	0.07	27.37	72.39	0.15	0
LM-13-04	194	194.5	0.27	46.97	52.27	0.4	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	178	178.5	0	0	0	0
LM-13-04	178.5	179	0	0	0	0
LM-13-04	179	179.5	0	0	0	0
LM-13-04	179.5	180	0	0	0	0
LM-13-04	180	180.5	0	0	0	0
LM-13-04	180.5	181	0	0	0	0
LM-13-04	181	181.5	0	0	0	0
LM-13-04	181.5	182	0	0	0	0
LM-13-04	182	182.5	0	0	0	0
LM-13-04	182.5	183	0	0	0	0
LM-13-04	183	183.5	0	0	0	0
LM-13-04	183.5	184	0	0	0	0
LM-13-04	184	184.5	0	0	0	0
LM-13-04	184.5	185	0	0	0	0
LM-13-04	185	185.5	0	0	0	0
LM-13-04	185.5	186	0	0	0	0
LM-13-04	186	186.5	0	0	0	0
LM-13-04	186.5	187	0	0	0	100
LM-13-04	187	187.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-04	187.5	188	0	0	0	0
LM-13-04	188	188.5	0	0	0	0
LM-13-04	188.5	189	0	0	0	0
LM-13-04	189	189.5	0	0	0	0
LM-13-04	189.5	190	0	0	0	0
LM-13-04	190	190.5	0	0	0	0
LM-13-04	190.5	191	0	0	0	0
LM-13-04	191	191.5	0	0	0	0
LM-13-04	191.5	192	0	0	0	0
LM-13-04	192	192.5	0	0	0	0
LM-13-04	192.5	193	0	0	0	0
LM-13-04	193	193.5	0	0	0	0
LM-13-04	193.5	194	0	0	0	0
LM-13-04	194	194.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	194.5	195	14393	0.99	28.88	0	0	16.93
LM-13-04	195	195.5	22752	1.32	16.64	0	0.02	52.03
LM-13-04	195.5	196	23400	0.42	9.57	0	0	80.49
LM-13-04	196	196.5	11732	5.1	11.53	0	0	71.29
LM-13-04	196.5	197	22656	1.36	53.02	0	0	33.61
LM-13-04	197	197.5	23460	0.38	24.96	0	0.01	56.99
LM-13-04	197.5	198	10058	0.91	7.23	0	0.02	82.76
LM-13-04	198	198.5	21095	2.76	13.72	0	0	32.87
LM-13-04	198.5	199	21080	6.24	15.3	0	0	36.24
LM-13-04	199	199.5	19712	4.21	16.67	0.01	0.11	34.04
LM-13-04	199.5	200	21338	1.35	18.82	0	0	18.27
LM-13-04	200	200.5	22721	4.62	19.85	0	0	21.87
LM-13-04	200.5	201	16711	4.75	20.68	0	0	39.47
LM-13-04	201	201.5	21033	8.76	9.77	0	0	31.37
LM-13-04	201.5	202	23460	0.13	6.76	0	0	50.4
LM-13-04	202	202.5	11042	4.16	2.19	0	0.01	0.11
LM-13-04	202.5	203	16370	6.23	2.6	0	0.01	58.56
LM-13-04	203	203.5	23432	0.67	13.13	0	0	55.87
LM-13-04	203.5	204	21555	4.37	8.75	0	0.06	52.33
LM-13-04	204	204.5	11977	0.99	9.03	0	0	75.93
LM-13-04	204.5	205	20093	0.13	28.73	0	0	34.49
LM-13-04	205	205.5	22360	1.48	24.7	0	0	28.15
LM-13-04	205.5	206	19088	1.57	32.14	0	0.02	29.15
LM-13-04	206	206.5	21777	0.32	19.07	0	0	49.16
LM-13-04	206.5	207	23094	0.17	10.69	0	0.05	69.74
LM-13-04	207	207.5	6864	0.48	26.28	0	0	26.79
LM-13-04	207.5	208	22380	1.72	9.97	0	0.01	75.4
LM-13-04	208	208.5	23460	1.41	10.27	0	0.04	76.2
LM-13-04	208.5	209	20700	3.48	28.91	0	0.02	47.76
LM-13-04	209	209.5	18496	3.33	19.38	0	0	49.1
LM-13-04	209.5	210	20820	1.79	39.62	0	0.02	16.29
LM-13-04	210	210.5	20820	0.16	26.57	0	0	55.95
LM-13-04	210.5	211	9485	0	29.7	0	0	58.96

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	194.5	195	0.74	0	0	0	3.22	17.27
LM-13-04	195	195.5	0.36	0	0	0	6.61	14.37
LM-13-04	195.5	196	0	0	0	0	0.58	3.19
LM-13-04	196	196.5	0.11	0	0	0	9.44	4.36
LM-13-04	196.5	197	0.01	0	0	0	28.45	31.92
LM-13-04	197	197.5	0.07	0	0	0	1.42	6.03
LM-13-04	197.5	198	0.27	0	0	0	2.59	7.16
LM-13-04	198	198.5	0.35	0	0	0	0.18	4.85
LM-13-04	198.5	199	0	0	0	0.03	0	3.28
LM-13-04	199	199.5	1.14	0	0	0	0	2.9
LM-13-04	199.5	200	0.19	0	0	0	0	4.16
LM-13-04	200	200.5	0.24	0	0	0	0.12	0.94
LM-13-04	200.5	201	0.15	0.01	0	0	11.68	8.91
LM-13-04	201	201.5	0.23	0	0	0	2.49	9.64
LM-13-04	201.5	202	0	0	0	0	0	0.07
LM-13-04	202	202.5	0.7	0	0	0	0	0
LM-13-04	202.5	203	0.87	0	0	0	4.73	1.59
LM-13-04	203	203.5	0.02	0	0	0	0.01	3.08
LM-13-04	203.5	204	0.72	0.02	0	0	7.23	6.03
LM-13-04	204	204.5	0	0	0	0	6.04	8.9
LM-13-04	204.5	205	0	0	0	0	0.19	15.63
LM-13-04	205	205.5	0.14	0	0	0	0.12	4.12
LM-13-04	205.5	206	0.58	0.02	0	0	0	0.08
LM-13-04	206	206.5	0.06	0	0	0	0	0
LM-13-04	206.5	207	0.1	0	0	0	0.13	0.01
LM-13-04	207	207.5	0	0	0	0	0	2.33
LM-13-04	207.5	208	0.21	0	0	0	1.02	2.17
LM-13-04	208	208.5	0.68	0.01	0	0	0.23	0.11
LM-13-04	208.5	209	0.09	0	0	0	3.26	13.3
LM-13-04	209	209.5	0.19	0	0	0	0.04	5
LM-13-04	209.5	210	0.87	0	0	0	0	1.99
LM-13-04	210	210.5	0.2	0	0	0	0.36	12.74
LM-13-04	210.5	211	0	0	0	0	9.34	24.87

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	194.5	195	0.06	2.78	0.36	19.72	27.85
LM-13-04	195	195.5	0	5.01	0.75	2.78	8.41
LM-13-04	195.5	196	0	0.9	0	0.05	3.28
LM-13-04	196	196.5	0	4.86	0	0.14	0.97
LM-13-04	196.5	197	0	9.09	0.19	1.53	0.35
LM-13-04	197	197.5	0	1.64	0	0.01	10
LM-13-04	197.5	198	0	0.81	0	0.06	2.32
LM-13-04	198	198.5	0	0.03	0	0.38	14.12
LM-13-04	198.5	199	0.12	0.13	0	0.11	15.93
LM-13-04	199	199.5	0.03	0.28	0	2.79	29.33
LM-13-04	199.5	200	0	0	0	0.23	23.51
LM-13-04	200	200.5	0	1.11	0.09	3.38	17.98
LM-13-04	200.5	201	0	2.55	0.65	10.16	3.88
LM-13-04	201	201.5	0	1.57	0.6	4.93	21.44
LM-13-04	201.5	202	0	0.55	0	0	37.49
LM-13-04	202	202.5	0	0	0	0	35.98
LM-13-04	202.5	203	0.01	1.06	0.87	9.87	13.35
LM-13-04	203	203.5	0	0.75	0.03	0.29	23.22
LM-13-04	203.5	204	0	1.74	1.16	12.7	10.92
LM-13-04	204	204.5	0	8.67	0.04	0.16	3.22
LM-13-04	204.5	205	0	0.55	0	0	23.35
LM-13-04	205	205.5	0	0.26	0	2.44	34.09
LM-13-04	205.5	206	0.04	0.25	0.14	1.2	18.52
LM-13-04	206	206.5	0	0.29	0	0	16.91
LM-13-04	206.5	207	0.01	2.65	0	0.03	10.47
LM-13-04	207	207.5	0	0.15	0	0.01	27.13
LM-13-04	207.5	208	0	0.86	0	0	7.08
LM-13-04	208	208.5	0	1.46	0	0.01	4.65
LM-13-04	208.5	209	0	0.06	0	0.67	5.04
LM-13-04	209	209.5	0	0.51	0	0.26	11.48
LM-13-04	209.5	210	0	0.09	0	0.45	32.45
LM-13-04	210	210.5	0	2.5	0	0	13.07
LM-13-04	210.5	211	0	5.79	0	0.11	0.23

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	194.5	195	7.96	0.03	0.14	4.6	0
LM-13-04	195	195.5	1.26	0.04	0	35.13	2.75
LM-13-04	195.5	196	0.47	0	0	8.33	0.36
LM-13-04	196	196.5	0.35	0.04	0	44.6	2.61
LM-13-04	196.5	197	0.69	0	0	32.28	0.89
LM-13-04	197	197.5	0.94	0.12	0	5.45	0.06
LM-13-04	197.5	198	0.58	0.26	0	9.41	0.14
LM-13-04	198	198.5	26.23	2.1	0.11	0.43	0
LM-13-04	198.5	199	17.75	0.32	0.21	2.05	0.13
LM-13-04	199	199.5	8.16	0.08	0.28	17.33	1.62
LM-13-04	199.5	200	30.42	0.59	0.01	0.01	0
LM-13-04	200	200.5	28.91	1.53	0.2	8.65	0.25
LM-13-04	200.5	201	2.44	0.08	0	17.93	0.22
LM-13-04	201	201.5	8.65	0.04	0	48.28	2
LM-13-04	201.5	202	2.4	0	0	8.17	0.06
LM-13-04	202	202.5	57.11	0.49	0	0	0
LM-13-04	202.5	203	7.52	0.4	0.46	12.58	0.22
LM-13-04	203	203.5	3.17	0	0	7.78	0.1
LM-13-04	203.5	204	3.46	0.24	0.14	36.75	1.48
LM-13-04	204	204.5	0	0	0	37.86	1.83
LM-13-04	204.5	205	2.88	0	0	5.04	0.09
LM-13-04	205	205.5	6.71	0.13	0	2.55	0.05
LM-13-04	205.5	206	9.41	0.3	0	4.54	0.13
LM-13-04	206	206.5	5.89	0.08	0	1.8	0.01
LM-13-04	206.5	207	3.06	0.08	0	30.73	0.23
LM-13-04	207	207.5	8.09	0	0	5.99	0.54
LM-13-04	207.5	208	2.97	0.09	0	24.19	0.26
LM-13-04	208	208.5	1.04	0.03	0	41.77	6.96
LM-13-04	208.5	209	2.35	1.6	0	1.1	0.01
LM-13-04	209	209.5	4.83	0.21	0	31	8.46
LM-13-04	209.5	210	4.24	0.18	0	9.33	1.62
LM-13-04	210	210.5	0.06	0.11	0	22.49	0.9
LM-13-04	210.5	211	0.12	0	0	48.92	1.78

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	194.5	195	0	878.19	0.96	2206.61	0
LM-13-04	195	195.5	2347.48	885.55	1.37	2207.48	0
LM-13-04	195.5	196	0	876	0.71	2208.35	0
LM-13-04	196	196.5	0	901.68	1.22	2207.36	0
LM-13-04	196.5	197	0	890.9	0.82	2207.66	0
LM-13-04	197	197.5	0	878.23	0.47	2208.21	0.08
LM-13-04	197.5	198	2346	885.48	0.36	2210.17	0
LM-13-04	198	198.5	0	871.16	0.33	2210.14	1.23
LM-13-04	198.5	199	0	858.1	0.54	2209.32	0
LM-13-04	199	199.5	2343.87	861.96	0.65	2209.8	0
LM-13-04	199.5	200	0	859.76	0.19	2215	0
LM-13-04	200	200.5	2340	877.29	0.6	2210.35	0.05
LM-13-04	200.5	201	0	897.45	0.47	2210.58	0.07
LM-13-04	201	201.5	2339.37	883.65	0.95	2207.96	0.02
LM-13-04	201.5	202	0	874.06	0.48	2207.59	0
LM-13-04	202	202.5	0	0	0	0	0
LM-13-04	202.5	203	0	910.08	0.52	2209.51	0.05
LM-13-04	203	203.5	0	867.69	0.45	2209.52	0
LM-13-04	203.5	204	2344.54	893.21	0.78	2208.85	0.03
LM-13-04	204	204.5	0	891.61	0.7	2207.52	0
LM-13-04	204.5	205	0	864.95	0.59	2207.5	0
LM-13-04	205	205.5	0	865.24	0.55	2208.09	0
LM-13-04	205.5	206	2354.28	863.08	0.52	2209.07	0
LM-13-04	206	206.5	0	0	0.5	2209.67	0
LM-13-04	206.5	207	2345.53	909.89	0.7	2208.81	0
LM-13-04	207	207.5	0	857.97	0.68	2208.56	0
LM-13-04	207.5	208	2349.04	883.98	0.53	2208.56	0.02
LM-13-04	208	208.5	2345.78	891.56	0.95	2208.28	0.01
LM-13-04	208.5	209	2332.2	878.36	0.36	2210.4	0
LM-13-04	209	209.5	0	866.42	0.94	2209.87	0
LM-13-04	209.5	210	2336.13	863.54	0.79	2210.86	0
LM-13-04	210	210.5	0	868.78	0.68	2207.98	0
LM-13-04	210.5	211	0	886.17	0.72	2207.68	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	194.5	195	0	88.02	11.98	0	0
LM-13-04	195	195.5	0	73.72	26.27	0.01	0
LM-13-04	195.5	196	0.05	44.43	55.47	0.05	0
LM-13-04	196	196.5	0.02	76.27	23.71	0	0
LM-13-04	196.5	197	0	62.72	37.16	0.12	0
LM-13-04	197	197.5	0.08	48.09	51.37	0.38	0
LM-13-04	197.5	198	0.43	22.5	74.27	2.8	0
LM-13-04	198	198.5	0	23.46	69.14	6.17	0
LM-13-04	198.5	199	0	29.63	69.91	0.46	0
LM-13-04	199	199.5	0.03	13.7	85.98	0.29	0
LM-13-04	199.5	200	0	0	100	0	0
LM-13-04	200	200.5	0.15	9.67	89.15	0.97	0
LM-13-04	200.5	201	0.07	13.36	84.46	2.04	2250.13
LM-13-04	201	201.5	0.04	52.76	47.1	0.08	0
LM-13-04	201.5	202	0.26	58.35	41.18	0.21	0
LM-13-04	202	202.5	0	0	0	0	0
LM-13-04	202.5	203	0.1	17.07	82.49	0.29	0
LM-13-04	203	203.5	0	21.41	78.32	0.27	0
LM-13-04	203.5	204	0.08	34.82	64.78	0.3	2257.03
LM-13-04	204	204.5	0	66	33.89	0.11	0
LM-13-04	204.5	205	0	64.75	35.25	0	0
LM-13-04	205	205.5	0	50.6	49.22	0.17	2253.55
LM-13-04	205.5	206	0.23	25.77	73.77	0.23	2256.57
LM-13-04	206	206.5	0	9.21	90.79	0	0
LM-13-04	206.5	207	0	27.84	72.16	0	0
LM-13-04	207	207.5	0	36.34	63.66	0	0
LM-13-04	207.5	208	0.04	38.53	61.14	0.28	0
LM-13-04	208	208.5	0.02	45.58	54.32	0.07	0
LM-13-04	208.5	209	0	26.24	67.87	5.88	0
LM-13-04	209	209.5	0.01	7.23	92.62	0.14	0
LM-13-04	209.5	210	0	0.93	99.07	0	0
LM-13-04	210	210.5	0	52.61	47.39	0	0
LM-13-04	210.5	211	0.02	59.77	40.16	0.04	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	194.5	195	0	0	0	0
LM-13-04	195	195.5	0	0	0	0
LM-13-04	195.5	196	0	0	0	0
LM-13-04	196	196.5	0	0	0	0
LM-13-04	196.5	197	0	0	0	0
LM-13-04	197	197.5	0	0	0	0
LM-13-04	197.5	198	0	0	0	0
LM-13-04	198	198.5	0	0	0	0
LM-13-04	198.5	199	0	0	0	0
LM-13-04	199	199.5	0	0	0	0
LM-13-04	199.5	200	0	0	0	0
LM-13-04	200	200.5	0	0	0	0
LM-13-04	200.5	201	0	50	50	0
LM-13-04	201	201.5	0	0	0	0
LM-13-04	201.5	202	0	0	0	0
LM-13-04	202	202.5	0	0	0	0
LM-13-04	202.5	203	0	0	0	0
LM-13-04	203	203.5	0	0	0	0
LM-13-04	203.5	204	0	0	33.33	66.67
LM-13-04	204	204.5	0	0	0	0
LM-13-04	204.5	205	0	0	0	0
LM-13-04	205	205.5	0	0	100	0
LM-13-04	205.5	206	0	0	33.33	66.67
LM-13-04	206	206.5	0	0	0	0
LM-13-04	206.5	207	0	0	0	0
LM-13-04	207	207.5	0	0	0	0
LM-13-04	207.5	208	0	0	0	0
LM-13-04	208	208.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-04	208.5	209	0	0	0	0
LM-13-04	209	209.5	0	0	0	0
LM-13-04	209.5	210	0	0	0	0
LM-13-04	210	210.5	0	0	0	0
LM-13-04	210.5	211	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	211	211.5	20306	0.15	47.62	0	0	35.95
LM-13-04	211.5	212	20801	4.58	29.65	0.02	0.05	16.7
LM-13-04	212	212.5	13927	0.85	10.58	0	0	69.09
LM-13-04	212.5	213	13626	0.34	1.31	0	0	80.82
LM-13-04	213	213.5	20612	1.91	26.49	0.12	0.11	35.37
LM-13-04	213.5	214	20880	0.8	26.16	0	0	52.35
LM-13-04	214	214.5	15120	1.41	21.58	0	0	47.02
LM-13-04	214.5	215	20804	1.15	22.6	0	0	62.97
LM-13-04	215	215.5	20783	1.82	29.69	0	0	43.3
LM-13-04	215.5	216	20587	1.69	13.2	0	0	58.38
LM-13-04	216	216.5	12050	0.08	11.26	0	0	50.66
LM-13-04	216.5	217	20063	1.5	13.62	0	0	44.2
LM-13-04	217	217.5	17771	11.44	11.88	0	0.02	1.98
LM-13-04	217.5	218	8822	6.72	51.12	0	0.03	14.46
LM-13-04	218	218.5	20750	2.03	29.82	0	0.07	11.78
LM-13-04	218.5	219	23460	1.54	6.97	0	0	83.4
LM-13-04	219	219.5	23400	0.53	18.91	0	0	64.62
LM-13-04	219.5	220	15466	0.76	30.61	0	0.07	16.15
LM-13-04	220	220.5	21811	1.23	56.24	0	0.01	10.43
LM-13-04	220.5	221	22957	0	2.15	0	0	78.95
LM-13-04	221	221.5	17027	0.32	10.6	0	0	62.62
LM-13-04	221.5	222	21740	1.74	25.89	0	0.03	35.33
LM-13-04	222	222.5	20833	4.26	20.19	0	0.02	11.24
LM-13-04	222.5	223	7088	1.95	32.6	0	0	33.08
LM-13-04	223	223.5	23400	0.05	23.14	0	0	59.16
LM-13-04	223.5	224	17540	1.39	17.79	0	0	60.62
LM-13-04	224	224.5	187	0	40.64	0	0	0
LM-13-04	224.5	225	21922	0.05	8.4	0	0	65.57
LM-13-04	225	225.5	21965	1.63	30.21	0.04	0.1	49.7
LM-13-04	225.5	226	21109	3.81	15.98	0	0.09	28.29
LM-13-04	226	226.5	21125	3.3	45.1	0	0.01	6.39
LM-13-04	226.5	227	23460	1.19	24.92	0	0	56.56
LM-13-04	227	227.5	23170	0.53	14.68	0	0.01	47.04

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	211	211.5	0	0	0	0	20.26	35.12
LM-13-04	211.5	212	2.61	0	0	0	3.42	18.15
LM-13-04	212	212.5	0	0.01	0	0	2.04	7.8
LM-13-04	212.5	213	0	0	0	0	1.76	5.81
LM-13-04	213	213.5	2.62	0	0	0	3.17	15.42
LM-13-04	213.5	214	0.06	0	0	0	0.76	5.21
LM-13-04	214	214.5	0.33	0	0	0	0.01	0
LM-13-04	214.5	215	0	0	0	0	1.03	0.26
LM-13-04	215	215.5	0.05	0	0	0	0.72	6.38
LM-13-04	215.5	216	0	0.01	0	0	8.01	8.34
LM-13-04	216	216.5	0	0.07	0	0	3.17	38.92
LM-13-04	216.5	217	0	0	0	0	2.94	23.74
LM-13-04	217	217.5	1.14	0	0	0	0.21	15.4
LM-13-04	217.5	218	4.38	0	0	0	1.9	34.79
LM-13-04	218	218.5	1.13	0	0	0	0.01	18.04
LM-13-04	218.5	219	0.56	0	0	0	0.83	1.52
LM-13-04	219	219.5	2.15	0	0	0	2.79	11.4
LM-13-04	219.5	220	1.01	0	0	0	0.04	1.14
LM-13-04	220	220.5	1.37	0	0	0	0.29	22.97
LM-13-04	220.5	221	0	0	0	0	0.74	19.96
LM-13-04	221	221.5	0	0.01	0	0	2.59	15.46
LM-13-04	221.5	222	0.99	0	0	0	2.27	19.75
LM-13-04	222	222.5	10.88	0	0	0.17	0.28	4.1
LM-13-04	222.5	223	0.62	0	0	0	3.01	3.61
LM-13-04	223	223.5	0	0	0	0	1.82	24.14
LM-13-04	223.5	224	0.44	0	0	0	6.04	17.01
LM-13-04	224	224.5	0	0	0	0	0	96.26
LM-13-04	224.5	225	0	0	0	0	1.67	29.61
LM-13-04	225	225.5	0.26	0	0	0	6.4	15.8
LM-13-04	225.5	226	2.08	0	0	0	2.83	8.69
LM-13-04	226	226.5	0.57	0	0	0	4.72	20.76
LM-13-04	226.5	227	0.26	0	0	0	3.49	10.56
LM-13-04	227	227.5	0.56	0	0	0	1.22	7.73

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	211	211.5	0	6.28	0.02	2.27	0.18
LM-13-04	211.5	212	0.01	1.31	0.09	7.18	21.14
LM-13-04	212	212.5	0	2.09	0	1.2	6.7
LM-13-04	212.5	213	0	5.59	0.28	0.14	0.56
LM-13-04	213	213.5	0.04	0.71	0.26	12.01	8.49
LM-13-04	213.5	214	0.02	2.09	0.01	1.7	7.66
LM-13-04	214	214.5	0	2.43	0	0.44	9.62
LM-13-04	214.5	215	0	1.38	0	0.1	7.61
LM-13-04	215	215.5	0	0.85	0.06	2.52	9.39
LM-13-04	215.5	216	0	2.52	0	0.89	8.31
LM-13-04	216	216.5	0	6.94	0	0.17	2.47
LM-13-04	216.5	217	0	3.7	0.02	1.05	19.72
LM-13-04	217	217.5	0.03	0	0	10.31	36.67
LM-13-04	217.5	218	0.09	0	0	4.95	6.65
LM-13-04	218	218.5	0	0.25	0	0.01	33.89
LM-13-04	218.5	219	0	3.24	0	0.4	1.32
LM-13-04	219	219.5	0.01	0.42	0.03	3.37	8.15
LM-13-04	219.5	220	0.01	0	0	0.82	51.29
LM-13-04	220	220.5	0.02	2.36	0	1.94	9.84
LM-13-04	220.5	221	0	6.7	0.09	0.29	0.08
LM-13-04	221	221.5	0	3.05	0.49	2.7	3.08
LM-13-04	221.5	222	0.02	2.02	0.03	1.84	5.98
LM-13-04	222	222.5	0.07	0.02	0	14.85	18.34
LM-13-04	222.5	223	0.37	0.03	0.14	1.02	4.67
LM-13-04	223	223.5	0	5.5	0.06	0.02	1.54
LM-13-04	223.5	224	0	0.66	0	7.34	3.93
LM-13-04	224	224.5	0	18.18	0	0	6.42
LM-13-04	224.5	225	0	18.65	0	0	1.35
LM-13-04	225	225.5	0	6.19	0.06	1.58	7.58
LM-13-04	225.5	226	0.01	5.99	0.04	12.52	26.15
LM-13-04	226	226.5	0.01	0.15	0.02	1.43	33.19
LM-13-04	226.5	227	0	2.9	0	0.6	12
LM-13-04	227	227.5	0	2.25	0.01	1.24	28.23

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	211	211.5	0	0	0	71.87	1.9
LM-13-04	211.5	212	9.42	0.17	0	4.81	0.2
LM-13-04	212	212.5	1.74	0	0	19.22	0.51
LM-13-04	212.5	213	1.19	0	0	60.47	6.67
LM-13-04	213	213.5	7.01	0.07	0	7.99	0.47
LM-13-04	213.5	214	2.05	0.04	0	7.92	0.12
LM-13-04	214	214.5	8.35	0.13	0.01	18.58	1.27
LM-13-04	214.5	215	1.19	0	0	13.13	0.24
LM-13-04	215	215.5	5.33	0.08	0	6.88	0.05
LM-13-04	215.5	216	10.52	0.04	0.15	21.96	0.54
LM-13-04	216	216.5	0.87	0	0	71.22	2.42
LM-13-04	216.5	217	7.18	0	0	50.13	1.91
LM-13-04	217	217.5	15.76	0.1	0	0	0
LM-13-04	217.5	218	4.18	0.2	0	0	0
LM-13-04	218	218.5	17.36	0.06	0	12.26	1.13
LM-13-04	218.5	219	1.26	0	0	59.64	5.62
LM-13-04	219	219.5	0.61	0.01	0	3.74	0
LM-13-04	219.5	220	1.77	0.03	0	0.01	0
LM-13-04	220	220.5	1.47	0.09	0	15.13	0.03
LM-13-04	220.5	221	0	0	0	50.59	0.49
LM-13-04	221	221.5	1.59	0.3	0	39.6	5.02
LM-13-04	221.5	222	0.35	0.05	0	10.34	0.81
LM-13-04	222	222.5	18.23	0.44	2.84	0.12	0
LM-13-04	222.5	223	1.13	0.3	0	0.08	0
LM-13-04	223	223.5	0	0	0	24.03	0.06
LM-13-04	223.5	224	1.52	0.05	0	3.32	0
LM-13-04	224	224.5	0	0	0	39.57	0
LM-13-04	224.5	225	0.63	0	0	33.85	0.52
LM-13-04	225	225.5	2.46	0.1	0	13.2	0.1
LM-13-04	225.5	226	6.28	0.35	0	2.55	0.09
LM-13-04	226	226.5	1.94	0.08	0.08	0.49	0.02
LM-13-04	226.5	227	0.48	0.14	0.01	6.19	0.29
LM-13-04	227	227.5	3.09	0.22	0	8.76	0.51

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	211	211.5	0	887.84	0.98	2207.31	0
LM-13-04	211.5	212	2336.74	879.59	0.81	2207.37	0
LM-13-04	212	212.5	0	879.81	0.62	2207.7	0
LM-13-04	212.5	213	0	882.5	0.98	2207.54	0
LM-13-04	213	213.5	2326.24	879.16	0.86	2207.76	0
LM-13-04	213.5	214	0	873.85	0.58	2208.45	0
LM-13-04	214	214.5	0	914.77	0.81	2208.3	0
LM-13-04	214.5	215	0	899.39	0.58	2207.32	0
LM-13-04	215	215.5	2343.35	877.96	0.52	2207.65	0
LM-13-04	215.5	216	0	891.57	0.61	2207.09	0
LM-13-04	216	216.5	0	880.11	0.96	2207.55	0
LM-13-04	216.5	217	0	881.44	0.93	2207.92	0
LM-13-04	217	217.5	2346.65	866.26	0	0	0
LM-13-04	217.5	218	2342.96	873.19	0	0	0
LM-13-04	218	218.5	2343.89	861.27	1.05	2207.7	0
LM-13-04	218.5	219	0	888.95	1.08	2207.71	0
LM-13-04	219	219.5	0	882.25	0.42	2208.84	0
LM-13-04	219.5	220	2345.09	875.03	0.46	2212	0
LM-13-04	220	220.5	2346.76	874.58	0.84	2208.19	0
LM-13-04	220.5	221	0	873.39	0.86	2207.66	0
LM-13-04	221	221.5	0	881.93	0.97	2207.7	0
LM-13-04	221.5	222	2342.99	878.85	0.8	2207.93	0.09
LM-13-04	222	222.5	2328.19	876.44	0.6	2206.53	0
LM-13-04	222.5	223	0	898.18	0.44	2207.26	0
LM-13-04	223	223.5	0	878.19	0.58	2207.6	0
LM-13-04	223.5	224	0	884.74	0.35	2208.58	0
LM-13-04	224	224.5	0	872.81	0.98	2208.06	0
LM-13-04	224.5	225	0	876.26	0.71	2207.33	0
LM-13-04	225	225.5	2333.1	882.84	0.61	2207.27	0
LM-13-04	225.5	226	2343.33	881.51	0.61	2207.07	0
LM-13-04	226	226.5	2320	879.24	0.56	2208.01	0
LM-13-04	226.5	227	0	881.95	0.49	2207.06	0.07
LM-13-04	227	227.5	2355.41	876.82	0.61	2206.71	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	211	211.5	0.01	71.08	28.89	0.02	0
LM-13-04	211.5	212	0	70.61	29.09	0.3	0
LM-13-04	212	212.5	0.26	60.12	39.51	0.11	0
LM-13-04	212.5	213	0	67.44	32.56	0	0
LM-13-04	213	213.5	0.06	61.19	38.75	0	0
LM-13-04	213.5	214	0	37.46	62.37	0.18	0
LM-13-04	214	214.5	0	41.04	58.86	0.1	0
LM-13-04	214.5	215	0	68.03	31.94	0.04	0
LM-13-04	215	215.5	0	61.3	38.56	0.14	0
LM-13-04	215.5	216	0.11	74.37	25.41	0.11	2260.46
LM-13-04	216	216.5	0	68.22	31.7	0.08	2261.59
LM-13-04	216.5	217	0	56.87	43.05	0.08	0
LM-13-04	217	217.5	0	0	0	0	0
LM-13-04	217.5	218	0	0	0	0	0
LM-13-04	218	218.5	0	65.15	34.85	0	0
LM-13-04	218.5	219	0.02	65.42	34.51	0.06	0
LM-13-04	219	219.5	0.34	36.25	62.73	0.68	0
LM-13-04	219.5	220	0	0	100	0	0
LM-13-04	220	220.5	0	45.31	54.69	0	0
LM-13-04	220.5	221	0.01	63.73	36.25	0.01	0
LM-13-04	221	221.5	0.01	63.86	36.02	0.1	0
LM-13-04	221.5	222	0	54.96	44.86	0.09	0
LM-13-04	222	222.5	0	62.5	37.5	0	0
LM-13-04	222.5	223	0	66.67	33.33	0	0
LM-13-04	223	223.5	0	61.25	38.71	0.04	0
LM-13-04	223.5	224	0.17	42.79	56.88	0.17	0
LM-13-04	224	224.5	0	50	50	0	0
LM-13-04	224.5	225	0	71.39	28.61	0	0
LM-13-04	225	225.5	0.1	69.78	30.12	0	0
LM-13-04	225.5	226	0	80.15	19.85	0	0
LM-13-04	226	226.5	0	59.62	38.46	1.92	2263
LM-13-04	226.5	227	0.27	68.7	30.89	0.07	0
LM-13-04	227	227.5	0.1	85.41	14.49	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	211	211.5	0	0	0	0
LM-13-04	211.5	212	0	0	0	0
LM-13-04	212	212.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-04	212.5	213	0	0	0	0
LM-13-04	213	213.5	0	0	0	0
LM-13-04	213.5	214	0	0	0	0
LM-13-04	214	214.5	0	0	0	0
LM-13-04	214.5	215	0	0	0	0
LM-13-04	215	215.5	0	0	0	0
LM-13-04	215.5	216	0	0	0	100
LM-13-04	216	216.5	0	0	0	100
LM-13-04	216.5	217	0	0	0	0
LM-13-04	217	217.5	0	0	0	0
LM-13-04	217.5	218	0	0	0	0
LM-13-04	218	218.5	0	0	0	0
LM-13-04	218.5	219	0	0	0	0
LM-13-04	219	219.5	0	0	0	0
LM-13-04	219.5	220	0	0	0	0
LM-13-04	220	220.5	0	0	0	0
LM-13-04	220.5	221	0	0	0	0
LM-13-04	221	221.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-04	221.5	222	0	0	0	0
LM-13-04	222	222.5	0	0	0	0
LM-13-04	222.5	223	0	0	0	0
LM-13-04	223	223.5	0	0	0	0
LM-13-04	223.5	224	0	0	0	0
LM-13-04	224	224.5	0	0	0	0
LM-13-04	224.5	225	0	0	0	0
LM-13-04	225	225.5	0	0	0	0
LM-13-04	225.5	226	0	0	0	0
LM-13-04	226	226.5	0	0	0	100
LM-13-04	226.5	227	0	0	0	0
LM-13-04	227	227.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	227.5	228	16759	0.66	20.25	0	0	47.83
LM-13-04	228	228.5	18693	3.17	26.28	0	0	15.64
LM-13-04	228.5	229	20482	2.35	13.76	0	0	46.98
LM-13-04	229	229.5	16560	0.02	27.49	0	0	39.42
LM-13-04	229.5	230	22942	0.89	23.66	0.02	0.01	45.82
LM-13-04	230	230.5	21426	1.77	21.67	0	0	2.03
LM-13-04	230.5	231	16533	0.16	28.57	0	0	13.45
LM-13-04	231	231.5	22776	0.35	10.92	0	0	65.49
LM-13-04	231.5	232	22653	5.3	33.39	0	0.02	28.03
LM-13-04	232	232.5	14498	5.24	18.86	0	0.01	19.72
LM-13-04	232.5	233	22230	1.21	19.61	0	0	65.97
LM-13-04	233	233.5	23016	1.27	13.28	0	0.09	33.22
LM-13-04	233.5	234	16413	2.92	24.64	0	0.05	18.92
LM-13-04	234	234.5	16735	1.58	17.61	0	0	18.72
LM-13-04	234.5	235	19688	2.73	30.24	0	0	23.07
LM-13-04	235	235.5	14943	17.5	20.49	0	0.1	4.62
LM-13-04	235.5	236	12976	8.84	6.24	0	0	54.71
LM-13-04	236	236.5	18105	6.09	7.42	0.04	1.63	46.25
LM-13-04	236.5	237	19722	0.37	14.19	0	0	36.32
LM-13-04	237	237.5	18721	0.83	17.36	0	0	26.78
LM-13-04	237.5	238	9035	0.11	0	0	0	91.69
LM-13-04	238	238.5	19543	0.06	35.42	0	0	51.53
LM-13-04	238.5	239	16773	5.71	25.27	0	0	28.01
LM-13-04	239	239.5	19272	1.68	19.18	0	0.04	25.34
LM-13-04	239.5	240	8967	1.41	14.65	0	0.18	53.93
LM-13-04	240	240.5	19740	2.98	35.81	0.02	0.21	16.76
LM-13-04	240.5	241	19612	1.25	7.71	0	0.02	14.32
LM-13-04	241	241.5	19740	0.14	8.09	0	0	73.98
LM-13-04	241.5	242	15000	4.21	13.09	0	0.02	11.73
LM-13-04	242	242.5	19335	1.28	16.78	0	0	59.78
LM-13-04	242.5	243	19133	2.36	6.37	0	0	45.91
LM-13-04	243	243.5	18399	0.52	31.1	0	0	21.95
LM-13-04	243.5	244	17807	3.66	32.66	0	0.41	2.22

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	227.5	228	0.18	0	0	0	1.13	13.72
LM-13-04	228	228.5	2.93	0	0	0	1.83	15.02
LM-13-04	228.5	229	0.23	0	0	0	4.66	14.01
LM-13-04	229	229.5	0	0	0	0	3.22	50.57
LM-13-04	229.5	230	0.53	0	0	0	5.62	30.36
LM-13-04	230	230.5	0.37	0	0	0	0.28	31.37
LM-13-04	230.5	231	0.05	0	0	0	2.75	78.5
LM-13-04	231	231.5	0	0	0	0	2.98	26.16
LM-13-04	231.5	232	0.17	0	0	0	6.31	28.76
LM-13-04	232	232.5	0.01	0	0	0	5.85	14.93
LM-13-04	232.5	233	0.05	0	0	0	2.11	7.22
LM-13-04	233	233.5	1.39	0	0	0	1.13	4.48
LM-13-04	233.5	234	1.26	0	0	0	0.44	10.09
LM-13-04	234	234.5	0.14	0	0	0	1.57	27.65
LM-13-04	234.5	235	0.1	0	0	0	2.01	27.93
LM-13-04	235	235.5	1.99	0	0	0	1.87	8.97
LM-13-04	235.5	236	0	0	0	0	4.54	3.19
LM-13-04	236	236.5	3.91	0	0	0	4.47	2.83
LM-13-04	236.5	237	0.03	0	0	0	1.53	3.7
LM-13-04	237	237.5	0	0	0	0	7.62	28.17
LM-13-04	237.5	238	0	0	0	0	0	0
LM-13-04	238	238.5	0	0	0	0	6.18	30.09
LM-13-04	238.5	239	0.64	0	0	0	1.44	11.77
LM-13-04	239	239.5	1.11	0	0	0	2.38	3.22
LM-13-04	239.5	240	1.68	0	0	0	0.7	1.74
LM-13-04	240	240.5	2.88	0	0	0	2.84	20.02
LM-13-04	240.5	241	3.88	0.02	0	0	1.42	21.1
LM-13-04	241	241.5	0	0	0	0	0.05	11.29
LM-13-04	241.5	242	0.63	0	0	0	0.57	11.07
LM-13-04	242	242.5	0.32	0	0	0	2.68	7.97
LM-13-04	242.5	243	0.36	0	0	0	1.07	10.79
LM-13-04	243	243.5	0.01	0	0	0	0	0.24
LM-13-04	243.5	244	1.34	0	0	0	0.74	29.34

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	227.5	228	0.01	0.14	1.19	2.48	15.54
LM-13-04	228	228.5	0.03	0	0.01	8.7	34.99
LM-13-04	228.5	229	0	11.3	0.04	1.97	16.88
LM-13-04	229	229.5	0	7.54	0.11	0.23	0.8
LM-13-04	229.5	230	0	3.17	0.04	2.18	10.19
LM-13-04	230	230.5	0.12	3.17	0.04	0.5	36.29
LM-13-04	230.5	231	0.01	11.73	0.19	0.18	0.17
LM-13-04	231	231.5	0	7.46	0.06	0	4.34
LM-13-04	231.5	232	0.01	3.7	0	1.28	15.68
LM-13-04	232	232.5	0	0.35	0.11	0	27.4
LM-13-04	232.5	233	0	0.56	0	0	3.37
LM-13-04	233	233.5	0.06	2.17	0.07	0.91	34.39
LM-13-04	233.5	234	0.01	1.24	0.02	1.19	28.48
LM-13-04	234	234.5	0	3.38	0.83	2.72	23.67
LM-13-04	234.5	235	0	4.5	0.03	0.01	28.23
LM-13-04	235	235.5	0	1.61	0.11	5.01	22.96
LM-13-04	235.5	236	0	2.87	0	1.21	2.1
LM-13-04	236	236.5	0	1.45	0	1.55	8.79
LM-13-04	236.5	237	0	0.77	0	0	32.44
LM-13-04	237	237.5	0	3.36	0	0	19.92
LM-13-04	237.5	238	0	3.19	0	0	0
LM-13-04	238	238.5	0	1.61	0	0	2.45
LM-13-04	238.5	239	0	0.04	0	2.77	21.05
LM-13-04	239	239.5	0.02	0.92	0	0.45	40.53
LM-13-04	239.5	240	0	4.54	0.01	1.19	8.56
LM-13-04	240	240.5	0	0.68	1.45	6.15	18.8
LM-13-04	240.5	241	0.01	5.71	2.08	6.82	25.04
LM-13-04	241	241.5	0	12.77	0	0	14.15
LM-13-04	241.5	242	0.01	1.01	0.02	2.91	19.62
LM-13-04	242	242.5	0	5.31	0	1.73	12.39
LM-13-04	242.5	243	0.01	6.05	0.1	4.08	14.21
LM-13-04	243	243.5	0	0.8	0	0.03	37.37
LM-13-04	243.5	244	0	0.12	0.32	10.95	32.05

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	227.5	228	1.68	0.01	0	0.64	0
LM-13-04	228	228.5	3.81	0.04	0.11	0	0
LM-13-04	228.5	229	3.6	0.05	0	21.38	1.32
LM-13-04	229	229.5	0.01	0	0.01	24.84	0.68
LM-13-04	229.5	230	1.52	0.23	0	6.58	0.07
LM-13-04	230	230.5	22.52	0.08	0	6.16	0.22
LM-13-04	230.5	231	0	0.02	0	43.69	0.99
LM-13-04	231	231.5	0.3	0.07	0	39.73	1.52
LM-13-04	231.5	232	3.31	0.06	0.01	11.79	0.74
LM-13-04	232	232.5	14.2	0.03	0.01	1.53	0
LM-13-04	232.5	233	0.9	0.3	0	1.57	0.01
LM-13-04	233	233.5	9.71	0.17	0.03	2.46	0.07
LM-13-04	233.5	234	11.58	1.57	0.33	1.38	0
LM-13-04	234	234.5	13.83	0.12	0.01	10.45	0.59
LM-13-04	234.5	235	8.76	0.01	0	12.99	1.11
LM-13-04	235	235.5	6.25	0.7	0	47.07	2.8
LM-13-04	235.5	236	0.7	0	0	64.4	2.68
LM-13-04	236	236.5	5.48	0.02	0	20.53	3.77
LM-13-04	236.5	237	2.07	0.01	0	2.1	0.12
LM-13-04	237	237.5	2.4	0	0	25.11	1.96
LM-13-04	237.5	238	0	0	0	53.55	1.72
LM-13-04	238	238.5	4.7	0	0	27.98	0.71
LM-13-04	238.5	239	2.47	0.14	0	0.23	0
LM-13-04	239	239.5	5.04	0.29	0	4.77	0.06
LM-13-04	239.5	240	2.38	0.01	0	7.59	0.18
LM-13-04	240	240.5	10.87	0.22	0	0.52	0.01
LM-13-04	240.5	241	27.3	0	0	12.65	0.48
LM-13-04	241	241.5	4.79	0	0	30.44	1.18
LM-13-04	241.5	242	42.28	0	0	2.63	0
LM-13-04	242	242.5	4.15	0.11	0	23.13	0.91
LM-13-04	242.5	243	21.1	0.04	0	27.38	2.19
LM-13-04	243	243.5	6.2	0.08	0	2.69	0.03
LM-13-04	243.5	244	16.53	0.12	0	0.04	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	227.5	228	0	874.6	0.37	2207.22	0.98
LM-13-04	228	228.5	0	875.13	0	0	0
LM-13-04	228.5	229	0	883.35	0.82	2207.03	0
LM-13-04	229	229.5	0	876.6	0.78	2207.21	0
LM-13-04	229.5	230	2340.5	877.79	0.52	2207.5	0
LM-13-04	230	230.5	0	868.39	0.82	2207.19	0
LM-13-04	230.5	231	0	873.85	0.9	2207.2	0
LM-13-04	231	231.5	0	874.14	0.67	2206.62	0.01
LM-13-04	231.5	232	2346.88	876.66	0.96	2205.85	0
LM-13-04	232	232.5	2316.93	881.87	0.52	2207.93	0
LM-13-04	232.5	233	0	883.97	0.49	2206.74	0
LM-13-04	233	233.5	2340.94	878.86	0.53	2206.72	0
LM-13-04	233.5	234	2343.14	873.21	0.5	2206.39	0
LM-13-04	234	234.5	0	875.84	0.76	2206.75	0.06
LM-13-04	234.5	235	0	871.68	0.69	2207.06	0.04
LM-13-04	235	235.5	2342.96	880.4	2.97	2206.9	0
LM-13-04	235.5	236	0	896.86	2.2	2207.08	0.01
LM-13-04	236	236.5	2336.1	896.94	1.8	2206.77	0
LM-13-04	236.5	237	0	884.06	0.41	2207.69	0
LM-13-04	237	237.5	0	881.63	0.73	2207.23	0
LM-13-04	237.5	238	0	0	0.85	2206.71	0
LM-13-04	238	238.5	0	881.8	0.64	2207.14	0.04
LM-13-04	238.5	239	0	876.19	0.52	2208.83	0
LM-13-04	239	239.5	2345.61	889.59	0.57	2206.71	0
LM-13-04	239.5	240	2316	883.22	0.64	2207.2	0
LM-13-04	240	240.5	2332.51	872.87	0.46	2206.33	0
LM-13-04	240.5	241	0	871.6	1.07	2206.87	0
LM-13-04	241	241.5	0	866.16	0.83	2206.67	0
LM-13-04	241.5	242	0	875.56	0.46	2208.22	0
LM-13-04	242	242.5	0	883.67	0.92	2206.95	0
LM-13-04	242.5	243	0	876.2	1.2	2207.27	0
LM-13-04	243	243.5	0	868.46	0.78	2207.7	0
LM-13-04	243.5	244	2342.1	867.08	0.87	2205.14	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	227.5	228	0	65.69	33.33	0	0
LM-13-04	228	228.5	0	0	0	0	0
LM-13-04	228.5	229	0.05	82.56	17.39	0	0
LM-13-04	229	229.5	0	74.72	25.25	0.02	0
LM-13-04	229.5	230	0	67.47	32.53	0	0
LM-13-04	230	230.5	0	75.15	24.85	0	0
LM-13-04	230.5	231	0	76.34	23.66	0	0
LM-13-04	231	231.5	0.02	84.93	15.04	0	0
LM-13-04	231.5	232	0	97.57	2.39	0.04	0
LM-13-04	232	232.5	0.45	48.43	51.12	0	0
LM-13-04	232.5	233	0.29	78	21.71	0	0
LM-13-04	233	233.5	0	80.38	19.62	0	0
LM-13-04	233.5	234	0	79.91	20.09	0	0
LM-13-04	234	234.5	0.06	81.9	17.93	0.06	0
LM-13-04	234.5	235	0	78.7	21.22	0.04	0
LM-13-04	235	235.5	0	96.27	3.73	0	0
LM-13-04	235.5	236	0	89.02	10.97	0	0
LM-13-04	236	236.5	0.02	92.87	7.1	0	0
LM-13-04	236.5	237	0.47	58.63	40.66	0.24	0
LM-13-04	237	237.5	0.02	74.37	25.44	0.17	0
LM-13-04	237.5	238	0	91.03	8.97	0	0
LM-13-04	238	238.5	0	78.71	21.1	0.15	0
LM-13-04	238.5	239	0	23.68	76.32	0	0
LM-13-04	239	239.5	0.21	81.57	18.11	0.11	0
LM-13-04	239.5	240	0	75.37	24.63	0	0
LM-13-04	240	240.5	0	82.73	17.27	0	0
LM-13-04	240.5	241	0	88.05	11.95	0	2264.32
LM-13-04	241	241.5	0.03	88.07	11.9	0	0
LM-13-04	241.5	242	0	45.61	54.14	0.25	0
LM-13-04	242	242.5	0.02	87.85	12.13	0	0
LM-13-04	242.5	243	0	83.3	16.7	0	0
LM-13-04	243	243.5	0	65.12	34.88	0	0
LM-13-04	243.5	244	0	100	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	227.5	228	0	0	0	0
LM-13-04	228	228.5	0	0	0	0
LM-13-04	228.5	229	0	0	0	0
LM-13-04	229	229.5	0	0	0	0
LM-13-04	229.5	230	0	0	0	0
LM-13-04	230	230.5	0	0	0	0
LM-13-04	230.5	231	0	0	0	0
LM-13-04	231	231.5	0	0	0	0
LM-13-04	231.5	232	0	0	0	0
LM-13-04	232	232.5	0	0	0	0
LM-13-04	232.5	233	0	0	0	0
LM-13-04	233	233.5	0	0	0	0
LM-13-04	233.5	234	0	0	0	0
LM-13-04	234	234.5	0	0	0	0
LM-13-04	234.5	235	0	0	0	0
LM-13-04	235	235.5	0	0	0	0
LM-13-04	235.5	236	0	0	0	0
LM-13-04	236	236.5	0	0	0	0
LM-13-04	236.5	237	0	0	0	0
LM-13-04	237	237.5	0	0	0	0
LM-13-04	237.5	238	0	0	0	0
LM-13-04	238	238.5	0	0	0	0
LM-13-04	238.5	239	0	0	0	0
LM-13-04	239	239.5	0	0	0	0
LM-13-04	239.5	240	0	0	0	0
LM-13-04	240	240.5	0	0	0	0
LM-13-04	240.5	241	0	0	0	100
LM-13-04	241	241.5	0	0	0	0
LM-13-04	241.5	242	0	0	0	0
LM-13-04	242	242.5	0	0	0	0
LM-13-04	242.5	243	0	0	0	0
LM-13-04	243	243.5	0	0	0	0
LM-13-04	243.5	244	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	244	244.5	19303	7.49	18.75	0	0.09	2.59
LM-13-04	244.5	245	22020	4.21	11.71	0	0	55.47
LM-13-04	245	245.5	18973	3.63	13.02	0	0.02	18.35
LM-13-04	245.5	246	22080	1.17	11.24	0	0	55.69
LM-13-04	246	246.5	21797	1.36	13.75	0	0.01	23.22
LM-13-04	246.5	247	15321	0.84	1.22	0	0	56.38
LM-13-04	247	247.5	22080	3.22	6.72	0	0.05	30.67
LM-13-04	247.5	248	22020	5.04	12.4	0	0.04	20.72
LM-13-04	248	248.5	2516	14.35	2.78	0	0.08	0.32
LM-13-04	248.5	249	15008	1.97	4.02	0	1.8	72.1
LM-13-04	249	249.5	17783	0.82	24.98	0	0	44.93
LM-13-04	249.5	250	19968	9.03	13.18	0	3.01	18.28
LM-13-04	250	250.5	7161	1.41	8.88	0	0	59.13
LM-13-04	250.5	251	22020	0.15	18.3	0	0	65.37
LM-13-04	251	251.5	21729	1.09	22.82	0	0	32.3
LM-13-04	251.5	252	5726	0.03	0.75	0	0	90.99
LM-13-04	252	252.5	19582	0.28	4.58	0	0	73.34
LM-13-04	252.5	253	20004	9.12	25.06	0	0	14.51
LM-13-04	253	253.5	23142	2.01	11.71	0	0.06	35.46
LM-13-04	253.5	254	10123	0.6	14.34	0.11	0.22	50.77
LM-13-04	254	254.5	21415	1.15	28.12	0	0	21.89
LM-13-04	254.5	255	20738	1.09	27.68	0	0	33.61
LM-13-04	255	255.5	9185	2.53	2.91	0	0	75.62
LM-13-04	255.5	256	22431	0.38	39.96	0	0	14.88
LM-13-04	256	256.5	20904	4.48	13.16	0	0.37	27.34
LM-13-04	256.5	257	7729	5.62	9.11	0.06	0.41	6.22
LM-13-04	257	257.5	22106	7.52	18.95	0.01	0.23	21.21
LM-13-04	257.5	258	16468	0.75	11.4	0.01	0	17.54
LM-13-04	258	258.5	6258	6.49	16.99	0	0.45	18.73
LM-13-04	258.5	259	20947	3.09	17.34	0	0	54.13
LM-13-04	259	259.5	21985	2.85	13.23	0.02	0.09	10.55
LM-13-04	259.5	260	14804	8.41	11.2	0	0.01	20.74
LM-13-04	260	260.5	19406	4.39	47.69	0	0	5.53

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	244	244.5	0.16	0.16	0	0	1.17	29.7
LM-13-04	244.5	245	0	0.1	0	0	0	10.28
LM-13-04	245	245.5	0.35	0	0	0	0.4	9.15
LM-13-04	245.5	246	0.1	0	0	0	0.39	6.08
LM-13-04	246	246.5	0.61	0	0	0	1.16	9.54
LM-13-04	246.5	247	0	0	0	0	0.13	6.74
LM-13-04	247	247.5	1.04	0	0	0	0.03	4.76
LM-13-04	247.5	248	0.55	0	0	0	0.01	1.02
LM-13-04	248	248.5	4.05	0	0	0	0	0
LM-13-04	248.5	249	2.93	0	0	0	1.31	6.88
LM-13-04	249	249.5	0.05	0	0	0	1.49	15.68
LM-13-04	249.5	250	1.18	0.01	0	0	3.86	6.88
LM-13-04	250	250.5	0.01	0	0	0	4.61	13.81
LM-13-04	250.5	251	0.12	0	0	0	3.72	7.07
LM-13-04	251	251.5	0.32	0	0	0	4.96	21.75
LM-13-04	251.5	252	0	0	0	0	0.1	0.84
LM-13-04	252	252.5	0.05	0	0	0	0.15	1.84
LM-13-04	252.5	253	0.05	1.16	0	0	2.78	36.45
LM-13-04	253	253.5	0.05	1.47	0	0	0.69	28.17
LM-13-04	253.5	254	0.98	0.18	0	0	7.3	19.42
LM-13-04	254	254.5	0.04	0.39	0	0	4.59	28.8
LM-13-04	254.5	255	0.02	0.04	0	0	2.58	42.93
LM-13-04	255	255.5	0.11	0	0	0	1.05	2.68
LM-13-04	255.5	256	0	0.01	0	0	4.62	47.93
LM-13-04	256	256.5	1.58	0	0	0	5.23	47.89
LM-13-04	256.5	257	1.58	0	0	0	22.1	35.85
LM-13-04	257	257.5	1.06	0	0	0	6.29	44.46
LM-13-04	257.5	258	0	0	0	0	9.06	67.66
LM-13-04	258	258.5	2.08	0.06	0	0	22.24	26.72
LM-13-04	258.5	259	0	0.04	0	0	2.31	14.45
LM-13-04	259	259.5	0.24	0.22	0	0	4.11	54.41
LM-13-04	259.5	260	0	0	0	0	5.63	49.08
LM-13-04	260	260.5	0	0.45	0	0	0.83	44.43

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	244	244.5	0.01	6.2	0.23	3.53	10.5
LM-13-04	244.5	245	0	3.6	0.02	0.19	17.05
LM-13-04	245	245.5	0.03	1.26	0	5.46	26.36
LM-13-04	245.5	246	0	0.58	0.01	0.17	31.1
LM-13-04	246	246.5	0	6.07	0.04	0.66	34.22
LM-13-04	246.5	247	0	7.78	0.07	0.2	12.85
LM-13-04	247	247.5	0	1.66	0	0.21	25.89
LM-13-04	247.5	248	0	2.55	0	0.05	23.58
LM-13-04	248	248.5	0	0	0	0	20.03
LM-13-04	248.5	249	0.01	8.64	0.11	3.89	1.46
LM-13-04	249	249.5	0	0.61	0	0.06	18.43
LM-13-04	249.5	250	0	4.61	0.05	2.06	31.09
LM-13-04	250	250.5	0	4.33	1.35	1.51	5
LM-13-04	250.5	251	0	0.81	0	0.1	12.22
LM-13-04	251	251.5	0	1.74	0.01	6.25	21.69
LM-13-04	251.5	252	0	6.03	0	0	4.35
LM-13-04	252	252.5	0.05	1.63	0	3.24	20.02
LM-13-04	252.5	253	0.01	5.8	0.18	2.77	19.16
LM-13-04	253	253.5	0	2.8	0.55	7.54	29.49
LM-13-04	253.5	254	0.01	0.37	0	0.63	9.95
LM-13-04	254	254.5	0.02	6.96	0	0.28	28.98
LM-13-04	254.5	255	0	0.52	0.11	1.37	11.64
LM-13-04	255	255.5	0	1.48	1.26	2.24	10.38
LM-13-04	255.5	256	0	0.21	0.05	0.05	26.66
LM-13-04	256	256.5	0.01	0.27	0.01	0.4	11.73
LM-13-04	256.5	257	0.04	3.98	2.92	11.72	0.1
LM-13-04	257	257.5	0.57	4.36	0.57	5.71	13.1
LM-13-04	257.5	258	0.01	2.87	2.36	2.9	2.82
LM-13-04	258	258.5	0.06	3.55	1.5	8.92	3.42
LM-13-04	258.5	259	0	6.7	0.05	0.16	13.94
LM-13-04	259	259.5	0	6.32	1.75	5.76	16.82
LM-13-04	259.5	260	0	14	4.92	4.96	3.01
LM-13-04	260	260.5	0	0.86	0	0.03	29.22

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	244	244.5	4.91	0	0	41.67	6.64
LM-13-04	244.5	245	7.73	0	0	35.1	2.48
LM-13-04	245	245.5	23.58	0.12	0	2.24	0.14
LM-13-04	245.5	246	8.98	0	0	1.53	0
LM-13-04	246	246.5	21.41	0.05	0	8.25	0.96
LM-13-04	246.5	247	22.92	0.01	0	32.24	3.04
LM-13-04	247	247.5	30.02	0	0	4.36	0.06
LM-13-04	247.5	248	35.59	0.01	0	4.95	0.38
LM-13-04	248	248.5	58.74	0	0	0	0
LM-13-04	248.5	249	4.82	0.09	0	45.71	4.12
LM-13-04	249	249.5	2.05	0.06	0	1.92	0.01
LM-13-04	249.5	250	10.43	0.08	0	18.11	1.25
LM-13-04	250	250.5	8.5	0	0	17.65	0.46
LM-13-04	250.5	251	0.61	0	0	2.58	0.01
LM-13-04	251	251.5	13.3	0.01	0	9.77	0.47
LM-13-04	251.5	252	0	0	0	55.1	1.31
LM-13-04	252	252.5	5.76	0.05	0.05	31.94	0.49
LM-13-04	252.5	253	2.86	0.11	0.01	10.15	0.04
LM-13-04	253	253.5	10	0.03	0.11	17.33	1.06
LM-13-04	253.5	254	1.41	0.17	0	1.74	0.02
LM-13-04	254	254.5	8.39	0.03	0.01	8.29	0.35
LM-13-04	254.5	255	2.31	0.01	0	1.92	0
LM-13-04	255	255.5	0	0.02	0	10.28	0.13
LM-13-04	255.5	256	1.07	0	0	1.82	0.01
LM-13-04	256	256.5	1.79	0.01	0	5.94	0.01
LM-13-04	256.5	257	0	0	0	12.02	0
LM-13-04	257	257.5	4.01	0.11	0	6.27	0.56
LM-13-04	257.5	258	1.26	0	0	18	0.79
LM-13-04	258	258.5	17.71	0.38	0.08	30.74	2.11
LM-13-04	258.5	259	0.65	0.12	0	29.04	1.51
LM-13-04	259	259.5	11.44	0.01	0.01	6.45	0.06
LM-13-04	259.5	260	0.63	0.03	0.01	11.32	0.01
LM-13-04	260	260.5	0.31	0	0.03	9.68	0.28

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	244	244.5	2337.18	871.89	1.54	2207.1	0
LM-13-04	244.5	245	0	865.32	0.91	2208.04	0
LM-13-04	245	245.5	2344.03	876.47	0.57	2207.36	0
LM-13-04	245.5	246	0	876.99	0.4	2207.76	0
LM-13-04	246	246.5	0	880.4	0.81	2206.81	0
LM-13-04	246.5	247	0	868.5	1.08	2206.89	0
LM-13-04	247	247.5	2346.97	868.16	0.59	2206.94	0
LM-13-04	247.5	248	2344.35	866.39	0.71	2206.84	0
LM-13-04	248	248.5	2346.26	0	0	0	0
LM-13-04	248.5	249	2342.1	880.86	1.11	2206.82	0
LM-13-04	249	249.5	0	876.6	0.53	2207	0
LM-13-04	249.5	250	2340.97	891.47	1.85	2206.43	0
LM-13-04	250	250.5	0	889.19	0.64	2206.98	0.16
LM-13-04	250.5	251	0	884.85	0.36	2207.86	0
LM-13-04	251	251.5	2341.03	881.65	0.72	2207.12	0.05
LM-13-04	251.5	252	0	877.44	0.7	2207.24	0
LM-13-04	252	252.5	0	876.03	0.61	2207.7	0
LM-13-04	252.5	253	0	877.47	0.96	2205.94	0.05
LM-13-04	253	253.5	2317.44	873.68	0.63	2207.18	0
LM-13-04	253.5	254	2336.27	885.91	0.34	2207.29	0
LM-13-04	254	254.5	0	875.66	0.81	2205.66	0.11
LM-13-04	254.5	255	0	872.11	0.36	2205.97	0.75
LM-13-04	255	255.5	0	885.08	0.48	2208.33	0
LM-13-04	255.5	256	0	878.43	0.55	2208.51	0
LM-13-04	256	256.5	2341.6	875.74	0.48	2208.15	0
LM-13-04	256.5	257	2333.97	889.83	2.06	2207.67	0
LM-13-04	257	257.5	2331.74	874.64	0.95	2206.46	0
LM-13-04	257.5	258	2329.46	877.06	0.8	2207.69	0.03
LM-13-04	258	258.5	2339.51	895.58	1.15	2207.64	0
LM-13-04	258.5	259	0	878.93	0.73	2206.76	0.02
LM-13-04	259	259.5	2339.31	875.48	0.76	2206.2	0
LM-13-04	259.5	260	2341.24	875.33	1.01	2206.67	0
LM-13-04	260	260.5	0	871.67	0.5	2205.96	0.05

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	244	244.5	0	89.77	10.23	0	2260.02
LM-13-04	244.5	245	0.05	53.75	46.11	0.09	2260.17
LM-13-04	245	245.5	0	71.19	28.81	0	0
LM-13-04	245.5	246	0.29	54	45.71	0	0
LM-13-04	246	246.5	0	89.8	10.2	0	0
LM-13-04	246.5	247	0	91.59	8.41	0	0
LM-13-04	247	247.5	0	81.19	18.81	0	0
LM-13-04	247.5	248	0	88.26	11.74	0	0
LM-13-04	248	248.5	0	0	0	0	0
LM-13-04	248.5	249	0	93.3	6.7	0	0
LM-13-04	249	249.5	0	74.58	25.42	0	0
LM-13-04	249.5	250	0	98.51	1.49	0	2258.5
LM-13-04	250	250.5	0	78.86	20.98	0	0
LM-13-04	250.5	251	0	53.62	46.38	0	0
LM-13-04	251	251.5	0	78.49	21.36	0.09	0
LM-13-04	251.5	252	0	77.6	22.4	0	0
LM-13-04	252	252.5	0.03	59.71	40.24	0.02	0
LM-13-04	252.5	253	0.34	92.25	7.36	0	2257.91
LM-13-04	253	253.5	0.15	70.2	29.63	0.02	2257.29
LM-13-04	253.5	254	5.14	50.86	43.43	0.57	2260.76
LM-13-04	254	254.5	0.22	94.71	4.89	0.06	2259.14
LM-13-04	254.5	255	4.76	65.66	28.32	0.5	2262.97
LM-13-04	255	255.5	0.21	41.13	58.56	0.1	0
LM-13-04	255.5	256	0.73	35.37	62.68	1.22	0
LM-13-04	256	256.5	0.08	46.97	52.87	0.08	0
LM-13-04	256.5	257	0	72.87	27.13	0	0
LM-13-04	257	257.5	0.07	93.09	6.84	0	0
LM-13-04	257.5	258	0.17	55.14	44.56	0.1	0
LM-13-04	258	258.5	0.05	52.51	47.33	0.1	2258.09
LM-13-04	258.5	259	0.02	85.56	14.41	0	2257.77
LM-13-04	259	259.5	0.07	89.41	10.52	0	2258.94
LM-13-04	259.5	260	0	88.22	11.72	0.06	0
LM-13-04	260	260.5	0.26	90.27	9.42	0	2259.94

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	244	244.5	0	0	3.33	96.67
LM-13-04	244.5	245	0	0	5.88	94.12
LM-13-04	245	245.5	0	0	0	0
LM-13-04	245.5	246	0	0	0	0
LM-13-04	246	246.5	0	0	0	0
LM-13-04	246.5	247	0	0	0	0
LM-13-04	247	247.5	0	0	0	0
LM-13-04	247.5	248	0	0	0	0
LM-13-04	248	248.5	0	0	0	0
LM-13-04	248.5	249	0	0	0	0
LM-13-04	249	249.5	0	0	0	0
LM-13-04	249.5	250	0	0	0	100
LM-13-04	250	250.5	0	0	0	0
LM-13-04	250.5	251	0	0	0	0
LM-13-04	251	251.5	0	0	0	0
LM-13-04	251.5	252	0	0	0	0
LM-13-04	252	252.5	0	0	0	0
LM-13-04	252.5	253	0	0	38.53	61.47
LM-13-04	253	253.5	0	1.5	45.05	53.45
LM-13-04	253.5	254	0	0	11.76	88.24
LM-13-04	254	254.5	0	0	22.22	77.78
LM-13-04	254.5	255	0	0	0	100
LM-13-04	255	255.5	0	0	0	0
LM-13-04	255.5	256	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-04	256	256.5	0	0	0	0
LM-13-04	256.5	257	0	0	0	0
LM-13-04	257	257.5	0	0	0	0
LM-13-04	257.5	258	0	0	0	0
LM-13-04	258	258.5	0	0	33.33	66.67
LM-13-04	258.5	259	0	14.29	14.29	71.43
LM-13-04	259	259.5	0	0	27.91	72.09
LM-13-04	259.5	260	0	0	0	0
LM-13-04	260	260.5	0	0	11.76	88.24

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	260.5	261	23407	4.17	48.19	0	0.1	9.86
LM-13-04	261	261.5	17385	1.61	61.89	0.04	0.4	2.18
LM-13-04	261.5	262	15779	3.21	20.43	0.01	2.24	35.24
LM-13-04	262	262.5	23441	0.98	26.33	0	0.03	45.88
LM-13-04	262.5	263	23400	0.63	9.96	0	0.04	74.97
LM-13-04	263	263.5	17022	2.86	14.28	0	0	65.24
LM-13-04	263.5	264	18524	7.88	24.99	0	0	36.44
LM-13-04	264	264.5	21513	10	16.42	0	0	32.63
LM-13-04	264.5	265	10039	12.47	14.13	0	0	9.92
LM-13-04	265	265.5	23114	2.25	25.07	0	0	36.16
LM-13-04	265.5	266	23326	2.83	4.47	0	0	59.6
LM-13-04	266	266.5	12153	4.59	6.28	0	0	25.73
LM-13-04	266.5	267	22702	2.37	45.88	0	0	17.73
LM-13-04	267	267.5	23460	3.07	35.88	0	0.06	23.3
LM-13-04	267.5	268	9111	5.07	6.41	0	0.01	55.2
LM-13-04	268	268.5	16911	1.95	21.7	0	0	30.35
LM-13-04	268.5	269	19637	2.9	17.47	0	0.02	8
LM-13-04	269	269.5	19740	0.53	30.38	0	0	15.64
LM-13-04	269.5	270	12111	4.38	10.19	0	0.02	9.69
LM-13-04	270	270.5	19740	2.9	30.98	0	0.83	30.67
LM-13-04	270.5	271	19740	2.29	28.43	0	0.08	27.44
LM-13-04	271	271.5	19740	2.56	56.53	0	0	19.03
LM-13-04	271.5	272	12033	1.64	38.98	0	0.04	12.82
LM-13-04	272	272.5	19740	1.7	37.49	0	0	4.97
LM-13-04	272.5	273	19740	6.26	25.57	0	0	21.03
LM-13-04	273	273.5	15855	2.01	43.63	0	0.11	9.21
LM-13-04	273.5	274	9712	0.88	22.83	0	0	0
LM-13-04	274	274.5	19542	8.14	26.44	0	0	0.45
LM-13-04	274.5	275	19630	17.69	30.88	0	0.01	10.09
LM-13-04	275	275.5	19740	3.67	19.71	0	0.13	33.87
LM-13-04	275.5	276	15925	4.99	14.73	0	0	33.95
LM-13-04	276	276.5	19740	9.39	1.68	0	0.57	27.27
LM-13-04	276.5	277	17496	17.13	0.25	0	0.02	4.36

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	260.5	261	0.92	0.16	0	0	0.83	28.73
LM-13-04	261	261.5	1.18	0.21	0	0	1.71	77.23
LM-13-04	261.5	262	2.93	0.02	0	0	1.5	7.54
LM-13-04	262	262.5	0.19	0	0	0	2.01	17.77
LM-13-04	262.5	263	0.16	0	0	0	2.07	4.5
LM-13-04	263	263.5	0.05	0	0	0	2.49	8.36
LM-13-04	263.5	264	0.27	0.02	0	0	0.32	1.58
LM-13-04	264	264.5	0.02	0	0	0	3.28	4.88
LM-13-04	264.5	265	0.02	0	0	0	0.3	11.43
LM-13-04	265	265.5	0.01	0.01	0	0	0.97	14.01
LM-13-04	265.5	266	0.01	0.05	0	0	0	0.55
LM-13-04	266	266.5	0.04	0.49	0	0	0	1.03
LM-13-04	266.5	267	0	0.01	0	0	2.53	27.65
LM-13-04	267	267.5	0.93	0.06	0	0	0.15	12.92
LM-13-04	267.5	268	4.41	0	0	0	0.55	4.31
LM-13-04	268	268.5	0.01	0.01	0	0	0	1.2
LM-13-04	268.5	269	0.11	0	0	0	0.94	18.06
LM-13-04	269	269.5	0	0.02	0	0	0.42	15.73
LM-13-04	269.5	270	0.4	0	0	0	0.09	6.74
LM-13-04	270	270.5	0.32	0.41	0	0	2.21	43.31
LM-13-04	270.5	271	0.46	0.4	0	0	2.25	38.08
LM-13-04	271	271.5	0	0.05	0	0	8.43	34.64
LM-13-04	271.5	272	0.07	0	0	0	3.74	46.71
LM-13-04	272	272.5	0.45	0.11	0	0	2.13	68.29
LM-13-04	272.5	273	0.05	0.27	0	0	0.34	18.53
LM-13-04	273	273.5	0.96	0.16	0	0	3.97	58.69
LM-13-04	273.5	274	0	0	0	0	0	46.57
LM-13-04	274	274.5	0.08	1.07	0	0	2.7	53.32
LM-13-04	274.5	275	0.03	0.06	0	0	4.13	25.94
LM-13-04	275	275.5	0.33	0.01	0	0	3.46	26.8
LM-13-04	275.5	276	0.4	0.04	0	0	0.14	14
LM-13-04	276	276.5	5.67	0.52	0	0	0	0.01
LM-13-04	276.5	277	0.64	0.01	0	0	0.05	0.25

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	260.5	261	0.01	1.15	0	0.31	32.32
LM-13-04	261	261.5	0	0.14	0	0.27	11.48
LM-13-04	261.5	262	0.01	0.71	0.1	1.74	19.64
LM-13-04	262	262.5	0	0.68	0.02	0.09	13.63
LM-13-04	262.5	263	0	0.58	0	0.04	5.38
LM-13-04	263	263.5	0	1.34	0.21	0.03	5.55
LM-13-04	263.5	264	0	0.82	0.09	0.57	7.39
LM-13-04	264	264.5	0.01	1.15	0.33	0.93	22.82
LM-13-04	264.5	265	0	0.17	1.16	1.7	26.17
LM-13-04	265	265.5	0	3.17	0	0	19.81
LM-13-04	265.5	266	0.01	2.46	0	0.57	20.35
LM-13-04	266	266.5	0.03	0.7	0	2.19	22.79
LM-13-04	266.5	267	0.04	0.04	0	2.78	19.62
LM-13-04	267	267.5	0.01	0.03	0	0.03	40.91
LM-13-04	267.5	268	0.02	0.01	0	0.05	11.73
LM-13-04	268	268.5	0	0.25	0	0.56	27.62
LM-13-04	268.5	269	0.03	0.08	0.16	0.44	27.01
LM-13-04	269	269.5	0	0.01	0	0	49.66
LM-13-04	269.5	270	0.02	0.59	0	0.54	39.86
LM-13-04	270	270.5	0.01	1.33	0.01	1.62	10.6
LM-13-04	270.5	271	0.04	1.26	0.07	0.98	12.68
LM-13-04	271	271.5	0.02	0.11	0.01	0.38	4.77
LM-13-04	271.5	272	0.02	0.07	0	0.18	8.04
LM-13-04	272	272.5	0.01	0.61	0.52	0.95	28.19
LM-13-04	272.5	273	0.01	1.75	0.02	0.49	21.16
LM-13-04	273	273.5	0.08	0.17	0.01	3.01	14.41
LM-13-04	273.5	274	0	0	0	0	37.76
LM-13-04	274	274.5	0	3.14	0.23	1.54	22.16
LM-13-04	274.5	275	0.01	1.58	0.01	0.27	14.88
LM-13-04	275	275.5	0	0.47	0.04	0.09	22.16
LM-13-04	275.5	276	0	0.14	0	0	6.79
LM-13-04	276	276.5	0	0.54	0	0.13	2.32
LM-13-04	276.5	277	0	0.43	0	0.19	35.44

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	260.5	261	1.82	0.12	0.04	9.71	0.1
LM-13-04	261	261.5	1.75	0.18	0	2.4	0
LM-13-04	261.5	262	4.88	0.65	0	1.13	0.03
LM-13-04	262	262.5	2.55	0.05	0.02	2.62	0.03
LM-13-04	262.5	263	0.4	0.03	0	14.51	0.55
LM-13-04	263	263.5	5.65	0.02	0	3.82	0.04
LM-13-04	263.5	264	1.59	1.64	0.12	31.16	0.63
LM-13-04	264	264.5	6.3	0.65	0	18.08	1.01
LM-13-04	264.5	265	17.99	0.65	0	0.51	0
LM-13-04	265	265.5	5.74	2.9	0.02	2.7	0.51
LM-13-04	265.5	266	8.63	2.67	0	3.3	0.21
LM-13-04	266	266.5	27.04	1.51	0.72	7.04	0.21
LM-13-04	266.5	267	9.71	0.04	0	0.41	0
LM-13-04	267	267.5	3.84	2.11	0.01	0.75	0.01
LM-13-04	267.5	268	9.11	4.49	0	0.1	0
LM-13-04	268	268.5	9.92	0.77	0.05	1.92	0.1
LM-13-04	268.5	269	39.31	0.09	0.06	0.89	0.01
LM-13-04	269	269.5	1.42	0.02	0.01	0.05	0
LM-13-04	269.5	270	31.9	0.07	0.08	4.08	0.12
LM-13-04	270	270.5	4.59	0.06	0	2.86	0.16
LM-13-04	270.5	271	0.18	0.24	0	1	0
LM-13-04	271	271.5	0.33	0.25	0	1.48	0.02
LM-13-04	271.5	272	7.55	0.17	0	0.45	0
LM-13-04	272	272.5	3.25	0.46	0	1.24	0
LM-13-04	272.5	273	0.4	13.3	0.11	6.51	0.02
LM-13-04	273	273.5	3.75	0.61	0	0.59	0
LM-13-04	273.5	274	8.74	0	0	0.14	0
LM-13-04	274	274.5	3.18	0.98	0.04	23.11	0.47
LM-13-04	274.5	275	0.6	2.3	0	19.08	0.06
LM-13-04	275	275.5	1.71	0.15	0.06	8.18	0.29
LM-13-04	275.5	276	2.98	32.54	0.23	3.48	0
LM-13-04	276	276.5	0.44	45.01	1.06	28.84	2.3
LM-13-04	276.5	277	9.34	50.07	0.02	10.38	0.12

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	260.5	261	2341.56	873.34	0.48	2206.19	0
LM-13-04	261	261.5	2338.48	871.28	0.45	2206.57	0
LM-13-04	261.5	262	2341.4	878.29	0.48	2206.55	0
LM-13-04	262	262.5	2337.09	872.88	0.42	2206.99	0.32
LM-13-04	262.5	263	2342.33	885.01	0.59	2208.42	0
LM-13-04	263	263.5	0	881.9	0.37	2208.15	0
LM-13-04	263.5	264	0	878.13	0.51	2207.79	0.07
LM-13-04	264	264.5	0	889.5	0.81	2206.86	0
LM-13-04	264.5	265	0	872.13	0.62	2206.97	0
LM-13-04	265	265.5	0	872.84	0.61	2206.57	0
LM-13-04	265.5	266	0	868.98	0.6	2206.46	0.13
LM-13-04	266	266.5	0	865.71	0.46	2207.69	0
LM-13-04	266.5	267	0	874.9	0.33	2207.29	1.06
LM-13-04	267	267.5	2346.04	871.4	0.35	2207.06	0
LM-13-04	267.5	268	2352.44	877.37	0.25	2212.38	0
LM-13-04	268	268.5	0	866.56	0.48	2207.56	0
LM-13-04	268.5	269	2325.21	873.31	0.47	2209.62	0.56
LM-13-04	269	269.5	0	871.23	0.31	2207.72	0
LM-13-04	269.5	270	2343.06	871.32	0.65	2206.33	0
LM-13-04	270	270.5	2338.61	876.06	0.58	2205.74	0
LM-13-04	270.5	271	2339.08	875.59	0.55	2205.51	1.02
LM-13-04	271	271.5	0	880.65	0.45	2206.71	0
LM-13-04	271.5	272	2343.14	876.42	0.35	2206.34	0
LM-13-04	272	272.5	0	873.11	0.43	2205.79	0.42
LM-13-04	272.5	273	0	875.25	0.51	2205.98	0
LM-13-04	273	273.5	2339.25	874.27	0.37	2206.07	0
LM-13-04	273.5	274	0	865.25	0.37	2206.05	0
LM-13-04	274	274.5	0	875.08	0.69	2206.61	0
LM-13-04	274.5	275	2343.3	879.49	0.5	2207.87	0.08
LM-13-04	275	275.5	2340.21	875.75	0.54	2209.05	0
LM-13-04	275.5	276	0	870.49	0.36	2208.64	0.18
LM-13-04	276	276.5	2342.61	892	0.71	2208.75	0.16
LM-13-04	276.5	277	2344.27	878.34	0.44	2208.85	0.11

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	260.5	261	0.21	84.06	15.72	0	2258.79
LM-13-04	261	261.5	0.46	79.08	20.46	0	2258.89
LM-13-04	261.5	262	0	83.61	16.39	0	2255.51
LM-13-04	262	262.5	0.48	66.35	32.85	0	0
LM-13-04	262.5	263	0.06	41.38	58.41	0.15	0
LM-13-04	263	263.5	0	47.24	52.76	0	0
LM-13-04	263.5	264	0.54	53.39	45.68	0.33	2264.47
LM-13-04	264	264.5	0.08	82.27	17.6	0.05	0
LM-13-04	264.5	265	0	84.31	15.69	0	0
LM-13-04	265	265.5	0.16	81.46	18.38	0	2263.01
LM-13-04	265.5	266	0	86.27	13.6	0	2258.54
LM-13-04	266	266.5	0.35	58.16	41.38	0.12	2257.82
LM-13-04	266.5	267	1.06	60.64	37.23	0	2259.09
LM-13-04	267	267.5	0.58	61.05	38.37	0	2258.92
LM-13-04	267.5	268	0	0	100	0	0
LM-13-04	268	268.5	0	60.68	39.32	0	2258.9
LM-13-04	268.5	269	0.56	18.08	79.66	1.13	0
LM-13-04	269	269.5	0	60	40	0	2258.23
LM-13-04	269.5	270	0	90.34	9.66	0	0
LM-13-04	270	270.5	0	94.43	5.57	0	2256.66
LM-13-04	270.5	271	2.03	86.29	10.66	0	2257.19
LM-13-04	271	271.5	1.76	71.13	27.11	0	2258.24
LM-13-04	271.5	272	0	83.64	16.36	0	0
LM-13-04	272	272.5	1.26	84.45	13.87	0	2258.58
LM-13-04	272.5	273	0.08	90.54	9.39	0	2257.77
LM-13-04	273	273.5	1.1	80.22	18.68	0	2258.69
LM-13-04	273.5	274	0	78.57	21.43	0	0
LM-13-04	274	274.5	0.18	86.24	13.45	0.13	2258.25
LM-13-04	274.5	275	0.56	50.69	48.43	0.24	2262.39
LM-13-04	275	275.5	0.31	29.48	69.09	1.12	2264.57
LM-13-04	275.5	276	0.55	37.7	61.57	0	2258.97
LM-13-04	276	276.5	0.76	29.54	69.25	0.3	2258.43
LM-13-04	276.5	277	0.6	31.67	67.29	0.33	2260.98

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	260.5	261	0	0	33.33	66.67
LM-13-04	261	261.5	0	0	20	80
LM-13-04	261.5	262	0	0	66.67	33.33
LM-13-04	262	262.5	0	0	0	0
LM-13-04	262.5	263	0	0	0	0
LM-13-04	263	263.5	0	0	0	0
LM-13-04	263.5	264	0	0	0	100
LM-13-04	264	264.5	0	0	0	0
LM-13-04	264.5	265	0	0	0	0
LM-13-04	265	265.5	0	0	0	100
LM-13-04	265.5	266	0	0	36.36	63.64
LM-13-04	266	266.5	0	0	41.67	58.33
LM-13-04	266.5	267	0	0	33.33	66.67
LM-13-04	267	267.5	0	0	46.15	53.85
LM-13-04	267.5	268	0	0	0	0
LM-13-04	268	268.5	0	0	0	100
LM-13-04	268.5	269	0	0	0	0
LM-13-04	269	269.5	0	0	50	50
LM-13-04	269.5	270	0	0	0	0
LM-13-04	270	270.5	0	1.25	56.25	42.5
LM-13-04	270.5	271	0	1.27	45.57	53.16
LM-13-04	271	271.5	0	0	22.22	77.78
LM-13-04	271.5	272	0	0	0	0
LM-13-04	272	272.5	0	0	27.27	72.73
LM-13-04	272.5	273	0	0	37.04	62.96
LM-13-04	273	273.5	0	0	21.74	78.26
LM-13-04	273.5	274	0	0	0	0
LM-13-04	274	274.5	0	2.09	32.98	64.92
LM-13-04	274.5	275	0	0	0	100
LM-13-04	275	275.5	0	0	0	100
LM-13-04	275.5	276	0	0	33.33	66.67
LM-13-04	276	276.5	1.96	0	21.57	76.47
LM-13-04	276.5	277	0	0	0	100

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	277	277.5	9631	16	1.72	0	0	13.23
LM-13-04	277.5	278	17567	18.34	5.33	0	0.14	20.03
LM-13-04	278	278.5	20820	22.42	3.73	0	0	9.42
LM-13-04	278.5	279	14561	12.19	9.82	0	0.01	41.46
LM-13-04	279	279.5	5666	19.63	0.85	0	0	6.14
LM-13-04	279.5	280	20880	11.08	2.95	0.01	0.1	40.73
LM-13-04	280	280.5	19620	13.57	4.95	0	0.05	46.53
LM-13-04	280.5	281	10919	9.47	0.52	0	0	1.67
LM-13-04	281	281.5	14094	4.27	3.72	0	0	27.58
LM-13-04	281.5	282	17403	11.94	3.62	0	0.1	14.07
LM-13-04	282	282.5	14117	12.09	0.08	0	0.18	6.32
LM-13-04	282.5	283	969	1.44	0	0	0	0
LM-13-04	283	283.5	19978	20	1.98	0	0.05	39.23
LM-13-04	283.5	284	16929	14.45	1.08	0	0	40.1
LM-13-04	284	284.5	20657	12.2	0.61	0	0	52.01
LM-13-04	284.5	285	14524	7.26	0.77	0	0.01	50.66
LM-13-04	285	285.5	20820	5.62	5.14	0	0.09	60.82
LM-13-04	285.5	286	20820	1.26	15.37	0	0	63.73
LM-13-04	286	286.5	17085	6.82	8.2	0	0	45.07
LM-13-04	286.5	287	18101	9.8	10.16	0	0	27.82
LM-13-04	287	287.5	19784	2.88	27.33	0	0	28.69
LM-13-04	287.5	288	18658	21.28	8.03	0	0	26.44
LM-13-04	288	288.5	4001	3.37	12.1	0	0	0
LM-13-04	288.5	289	17394	4.07	34.93	0.08	9.51	1.08
LM-13-04	289	289.5	20113	6.91	23.73	0	0	0.87
LM-13-04	289.5	290	11015	20.8	1.51	0	0	0.17
LM-13-04	290	290.5	13043	8.61	1.3	0	0	0
LM-13-04	290.5	291	20820	11.06	0.01	0	0	0
LM-13-04	291	291.5	20680	15.95	0.45	0.02	2.17	0.88
LM-13-04	291.5	292	12104	0.95	0.27	0	0.04	0.12
LM-13-04	292	292.5	19211	1.64	7.66	0	0	3.08
LM-13-04	292.5	293	20388	13.07	0.11	0	0	0.12
LM-13-04	293	293.5	20140	21.83	0.06	0	0	0.57

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	277	277.5	0.77	0	0	0	0	0
LM-13-04	277.5	278	0.54	0	0	0	0.03	1.19
LM-13-04	278	278.5	0	0	0	0	2.25	3.6
LM-13-04	278.5	279	0.12	0	0	0	0.97	4.2
LM-13-04	279	279.5	0.12	0	0	0	0	0
LM-13-04	279.5	280	1.38	0	0	0	0.24	0.46
LM-13-04	280	280.5	0.31	0	0	0	0.04	0.01
LM-13-04	280.5	281	0.14	0	0	0	0	0.12
LM-13-04	281	281.5	4.75	0	0	0	0	0
LM-13-04	281.5	282	1.55	0	0	0	0	0
LM-13-04	282	282.5	2.31	0	0	0	0	0
LM-13-04	282.5	283	0	0	0	0	0	0
LM-13-04	283	283.5	0.06	0.15	0	0	0	0.2
LM-13-04	283.5	284	0.08	0.46	0	0	0	0
LM-13-04	284	284.5	0.3	0	0	0	0	0.04
LM-13-04	284.5	285	0.91	0	0	0	0	0
LM-13-04	285	285.5	3.45	0	0	0	0.41	1.14
LM-13-04	285.5	286	0	0	0	0	0.05	3.19
LM-13-04	286	286.5	0.1	0	0	0	0	0
LM-13-04	286.5	287	0.29	0	0	0	0.03	0.04
LM-13-04	287	287.5	0.01	0	0	0	0	0
LM-13-04	287.5	288	0.79	0	0	0	0.01	0.01
LM-13-04	288	288.5	0	0	0	0	0	0
LM-13-04	288.5	289	1.53	0	0	0	0	0
LM-13-04	289	289.5	0	0	0	0	0	0
LM-13-04	289.5	290	0.16	0.09	0	0	0	0
LM-13-04	290	290.5	0.02	0	0	0	0	0
LM-13-04	290.5	291	0.04	0	0	0	0	0
LM-13-04	291	291.5	2.56	0	0	0	0	0
LM-13-04	291.5	292	0.68	0	0	0	0	0
LM-13-04	292	292.5	0.01	0	0	0	0	0
LM-13-04	292.5	293	0.11	0	0	0	0	0.38
LM-13-04	293	293.5	0.46	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	277	277.5	0	0.54	0	0	12.73
LM-13-04	277.5	278	0.01	0.59	0	0.16	36.05
LM-13-04	278	278.5	0	0.8	0	0	13.7
LM-13-04	278.5	279	0	0.31	0	0	11.85
LM-13-04	279	279.5	0	0.44	0	0	0.14
LM-13-04	279.5	280	0	0.44	0	0	3.98
LM-13-04	280	280.5	0	0.23	0	0.17	3.4
LM-13-04	280.5	281	0	0.39	0	0	3.66
LM-13-04	281	281.5	0	0.09	0	0	0
LM-13-04	281.5	282	0.05	0.58	0.14	1.97	6.57
LM-13-04	282	282.5	0.21	0.45	0	0.04	11.97
LM-13-04	282.5	283	0	0	0	0	3.51
LM-13-04	283	283.5	0.02	0.24	0.01	0.04	17.15
LM-13-04	283.5	284	0.03	1.01	0	0.12	6.2
LM-13-04	284	284.5	0.01	1.77	0	0.23	6.33
LM-13-04	284.5	285	0.02	0.49	0	0	7.97
LM-13-04	285	285.5	0	0.69	0	0.06	11.02
LM-13-04	285.5	286	0	0.81	0	0	11.05
LM-13-04	286	286.5	0	0.21	0	0	13.57
LM-13-04	286.5	287	0	0.06	0	0	8.77
LM-13-04	287	287.5	1.21	0.01	0	0.01	21.51
LM-13-04	287.5	288	1.06	0.01	0.14	1.04	8.77
LM-13-04	288	288.5	0	0	0	0	5.07
LM-13-04	288.5	289	0.18	0	0	9.67	15.36
LM-13-04	289	289.5	0	0	0	0	61.7
LM-13-04	289.5	290	0	0	0	0	40.27
LM-13-04	290	290.5	0	0	0	0	59.31
LM-13-04	290.5	291	0.91	4.62	0	0.31	1
LM-13-04	291	291.5	0	1.37	0	1.09	40.81
LM-13-04	291.5	292	0.02	0	0	0.12	62.45
LM-13-04	292	292.5	0	0	0	0	62.84
LM-13-04	292.5	293	0	0	0	0	37.95
LM-13-04	293	293.5	0	0.23	0	0.14	23.33

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	277	277.5	0.07	71.5	0.28	13.37	0.08
LM-13-04	277.5	278	2.25	11.97	0.01	24.18	1
LM-13-04	278	278.5	0	41.35	0.06	45.41	2.91
LM-13-04	278.5	279	0.04	10.44	0.09	28.92	1.77
LM-13-04	279	279.5	0	22.84	0.02	58.93	9.32
LM-13-04	279.5	280	1	43.94	0.15	36.87	1.29
LM-13-04	280	280.5	14.93	22.46	0.22	6.12	0.02
LM-13-04	280.5	281	2.08	61.07	0.01	24.8	1.04
LM-13-04	281	281.5	0	68.02	1.99	2.6	0
LM-13-04	281.5	282	6.03	57.91	1.27	26.78	0.32
LM-13-04	282	282.5	1.26	63.41	0.76	32.43	1.28
LM-13-04	282.5	283	3.61	2.37	0	0	0
LM-13-04	283	283.5	1.49	21.12	0.44	2.85	0.01
LM-13-04	283.5	284	2.3	35.56	0.28	18.01	0.77
LM-13-04	284	284.5	1.89	26.01	0.16	28.32	0.62
LM-13-04	284.5	285	7.67	39.52	0.26	14.09	0.12
LM-13-04	285	285.5	1.02	10.06	0.09	13.13	0.15
LM-13-04	285.5	286	3.41	1.95	0	15.98	0.1
LM-13-04	286	286.5	12.44	12.77	0.5	1.16	0
LM-13-04	286.5	287	20.87	16.09	0.3	1.23	0.01
LM-13-04	287	287.5	12.35	5.53	0.09	0.72	0.01
LM-13-04	287.5	288	10.12	29.02	2.84	0.02	0
LM-13-04	288	288.5	79.46	0	0	0	0
LM-13-04	288.5	289	28.01	2.98	0.01	0	0
LM-13-04	289	289.5	4.4	10.48	0.02	0	0
LM-13-04	289.5	290	0.03	47.95	0.19	0.04	0
LM-13-04	290	290.5	17.45	16.77	0.05	0.02	0
LM-13-04	290.5	291	0.65	86.66	0.09	2.17	0.01
LM-13-04	291	291.5	0.92	39.2	0.3	1.24	0
LM-13-04	291.5	292	35.34	0.59	0	0	0
LM-13-04	292	292.5	24.2	0.09	0	0	0
LM-13-04	292.5	293	24.03	26.76	0.02	0.01	0
LM-13-04	293	293.5	1.86	54.83	1.5	0.5	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	277	277.5	0	0	0.37	2209.16	0.23
LM-13-04	277.5	278	2342.61	881.36	0.55	2209.24	0.02
LM-13-04	278	278.5	0	887.89	0.55	2209.73	0.07
LM-13-04	278.5	279	2345.73	878.37	0.52	2210.01	0.02
LM-13-04	279	279.5	0	0	0.74	2209.6	0
LM-13-04	279.5	280	2339.87	886.18	0.48	2209.28	0.04
LM-13-04	280	280.5	2349.61	927.06	0.36	2209.14	0.25
LM-13-04	280.5	281	0	0	0.53	2209.34	0.07
LM-13-04	281	281.5	0	0	0.34	2209.48	0
LM-13-04	281.5	282	2342.36	0	0.56	2208.74	0.11
LM-13-04	282	282.5	2343.73	0	0.63	2209.12	0.02
LM-13-04	282.5	283	0	0	0	0	0
LM-13-04	283	283.5	2341.73	871.4	0.44	2208.57	0.18
LM-13-04	283.5	284	0	0	0.52	2208.23	0.1
LM-13-04	284	284.5	0	936	0.61	2207.9	0.03
LM-13-04	284.5	285	2346.04	0	0.47	2208.73	0
LM-13-04	285	285.5	2345.25	880.24	0.44	2208.54	0.04
LM-13-04	285.5	286	0	871.72	0.46	2208.67	0.06
LM-13-04	286	286.5	0	0	0.33	2208.48	0
LM-13-04	286.5	287	0	893.63	0.34	2209.36	0.45
LM-13-04	287	287.5	0	0	0.3	2209.22	0.71
LM-13-04	287.5	288	0	892.8	0.19	2211.13	0
LM-13-04	288	288.5	0	0	0	0	0
LM-13-04	288.5	289	2325.7	0	0	0	0
LM-13-04	289	289.5	0	0	0	0	0
LM-13-04	289.5	290	0	0	0.48	2208.62	0
LM-13-04	290	290.5	0	0	0.22	2206.18	0
LM-13-04	290.5	291	0	0	0.56	2206.47	0
LM-13-04	291	291.5	2329.34	968	0.51	2206.65	0
LM-13-04	291.5	292	2335.34	0	0	0	0
LM-13-04	292	292.5	0	0	0	0	0
LM-13-04	292.5	293	0	859.85	0.29	2207.55	0
LM-13-04	293	293.5	0	0	0.52	2206.53	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	277	277.5	1.48	30.09	67.19	1.01	0
LM-13-04	277.5	278	0.14	25.58	73.88	0.38	0
LM-13-04	278	278.5	0.24	19.84	78.92	0.93	0
LM-13-04	278.5	279	0.14	15.04	84.3	0.5	0
LM-13-04	279	279.5	0	16.12	83.78	0.11	0
LM-13-04	279.5	280	0.17	23.27	76	0.52	0
LM-13-04	280	280.5	0.25	28.61	70.47	0.42	0
LM-13-04	280.5	281	0.15	22.48	76.97	0.33	0
LM-13-04	281	281.5	0	27.61	71.55	0.85	0
LM-13-04	281.5	282	0.19	32.61	66.83	0.26	0
LM-13-04	282	282.5	0.09	23.91	75.58	0.39	0
LM-13-04	282.5	283	0	0	0	0	0
LM-13-04	283	283.5	1.4	42.11	53.68	2.63	2258.36
LM-13-04	283.5	284	0.66	45.48	53.41	0.36	2255.28
LM-13-04	284	284.5	0.14	54.21	45.47	0.15	0
LM-13-04	284.5	285	0.24	36.79	62.77	0.2	0
LM-13-04	285	285.5	0.37	39.65	59.58	0.37	0
LM-13-04	285.5	286	0.36	36.05	63.11	0.42	2254.93
LM-13-04	286	286.5	0	42.42	57.07	0.51	0
LM-13-04	286.5	287	1.35	27.35	68.61	2.24	0
LM-13-04	287	287.5	0.71	34.04	63.12	1.42	0
LM-13-04	287.5	288	0	33.33	66.67	0	0
LM-13-04	288	288.5	0	0	0	0	0
LM-13-04	288.5	289	0	0	0	0	0
LM-13-04	289	289.5	0	0	0	0	2261.73
LM-13-04	289.5	290	0	33.33	66.67	0	2258.48
LM-13-04	290	290.5	0	50	50	0	0
LM-13-04	290.5	291	0	84.44	15.56	0	0
LM-13-04	291	291.5	0	79.11	20.89	0	0
LM-13-04	291.5	292	0	0	0	0	0
LM-13-04	292	292.5	0	0	0	0	0
LM-13-04	292.5	293	0	50	50	0	0
LM-13-04	293	293.5	0.95	72.38	26.67	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	277	277.5	0	0	0	0
LM-13-04	277.5	278	0	0	0	0
LM-13-04	278	278.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-04	278.5	279	0	0	0	0
LM-13-04	279	279.5	0	0	0	0
LM-13-04	279.5	280	0	0	0	0
LM-13-04	280	280.5	0	0	0	0
LM-13-04	280.5	281	0	0	0	0
LM-13-04	281	281.5	0	0	0	0
LM-13-04	281.5	282	0	0	0	0
LM-13-04	282	282.5	0	0	0	0
LM-13-04	282.5	283	0	0	0	0
LM-13-04	283	283.5	0	0	19.23	80.77
LM-13-04	283.5	284	0	2.82	78.87	18.31
LM-13-04	284	284.5	0	0	0	0
LM-13-04	284.5	285	0	0	0	0
LM-13-04	285	285.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LM-13-04	285.5	286	0	0	100	0
LM-13-04	286	286.5	0	0	0	0
LM-13-04	286.5	287	0	0	0	0
LM-13-04	287	287.5	0	0	0	0
LM-13-04	287.5	288	0	0	0	0
LM-13-04	288	288.5	0	0	0	0
LM-13-04	288.5	289	0	0	0	0
LM-13-04	289	289.5	0	0	0	100
LM-13-04	289.5	290	0	0	22.22	77.78
LM-13-04	290	290.5	0	0	0	0
LM-13-04	290.5	291	0	0	0	0
LM-13-04	291	291.5	0	0	0	0
LM-13-04	291.5	292	0	0	0	0
LM-13-04	292	292.5	0	0	0	0
LM-13-04	292.5	293	0	0	0	0
LM-13-04	293	293.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	293.5	294	15809	21.19	0.02	0.03	0.61	0.05
LM-13-04	294	294.5	16738	17.47	1.52	0.01	1.57	4.2
LM-13-04	294.5	295	19937	10.26	40.5	0	2.49	6.03
LM-13-04	295	295.5	17802	50.81	23.86	0	0	0.02
LM-13-04	295.5	296	19864	20.33	1.64	0.01	1.33	23.53
LM-13-04	296	296.5	23460	17.51	0.53	0	0	15.16
LM-13-04	296.5	297	18333	20.45	0.11	0	0	0.39
LM-13-04	297	297.5	14766	26.67	0.14	0.01	0.02	1.19
LM-13-04	297.5	298	20444	10.43	1.14	0	0	27.17
LM-13-04	298	298.5	22935	26.91	2.62	0	0	39.16
LM-13-04	298.5	299	11695	15.96	0.22	0	0	1.76
LM-13-04	299	299.5	20300	1.68	1.17	0	0	59.89
LM-13-04	299.5	300	23287	5.63	2.8	0	0	63.25
LM-13-04	300	300.5	15183	13.79	2.97	0	0.06	32.83
LM-13-04	300.5	301	21756	18.58	4.24	0	0.44	5.41
LM-13-04	301	301.5	21819	7.97	11.99	0	0.02	60.87
LM-13-04	301.5	302	994	25.65	1.01	0	0	28.17
LM-13-04	302	302.5	21537	26.7	15.24	0	0	24.94
LM-13-04	302.5	303	22214	11.82	4.29	0	0	72.12
LM-13-04	303	303.5	12195	7.21	14.01	0	0	56.97
LM-13-04	303.5	304	14848	27.71	0.1	0	0	0
LM-13-04	304	304.5	20820	31.73	2.28	0	0	0.26
LM-13-04	304.5	305	11595	24.71	0.19	0	0	0.11
LM-13-04	305	305.5	6110	43.93	0.03	0	0	0
LM-13-04	305.5	306	20454	50.01	12.98	0	0	0
LM-13-04	306	306.5	20137	1.07	0.06	0	0.02	0
LM-13-04	306.5	307	15434	3.06	8.75	0	0	0
LM-13-04	307	307.5	13833	1.53	35.57	0	0	0.04
LM-13-04	307.5	308	20820	0.44	51.65	0	0	7.73
LM-13-04	308	308.5	20880	12.3	7.22	0	0.03	48.91
LM-13-04	308.5	309	7455	8.06	39.99	0	0.01	27.48
LM-13-04	309	309.5	12186	19.6	38.66	0	0.08	6.86
LM-13-04	309.5	310	16272	1.55	25.49	0	0	4.64

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	293.5	294	2.48	0.03	0	0	0	0
LM-13-04	294	294.5	7.98	0.04	0	0	0.66	0.21
LM-13-04	294.5	295	9.02	0	0	0	0	0
LM-13-04	295	295.5	0	0.01	0	0	0	0
LM-13-04	295.5	296	2.31	0.01	0	0	0	0
LM-13-04	296	296.5	0.04	0.04	0	0	0	0
LM-13-04	296.5	297	0	0.02	0	0	0	0
LM-13-04	297	297.5	5.39	0.19	0	0	0	0
LM-13-04	297.5	298	4.37	0.06	0	0	0	0
LM-13-04	298	298.5	0.01	0.01	0	0	0.26	0
LM-13-04	298.5	299	2.98	0.03	0	0	0	0
LM-13-04	299	299.5	0	0	0	0	0	0
LM-13-04	299.5	300	0.16	0	0	0	0	0
LM-13-04	300	300.5	2.32	0	0	0	0	0
LM-13-04	300.5	301	13.01	0	0	0	0	0
LM-13-04	301	301.5	0.1	0	0	0	0	0
LM-13-04	301.5	302	0	0	0	0	0	0
LM-13-04	302	302.5	0	0	0	0	0	0
LM-13-04	302.5	303	0	0	0	0	0	0
LM-13-04	303	303.5	0	0	0	0	0	0
LM-13-04	303.5	304	0	0	0	0	0	0
LM-13-04	304	304.5	0	0.08	0	0	0	0
LM-13-04	304.5	305	0	0	0	0	0	0.09
LM-13-04	305	305.5	0.1	0.21	0	0	0	0
LM-13-04	305.5	306	0	0	0	0	0	0
LM-13-04	306	306.5	0.02	0	0	0	0	0
LM-13-04	306.5	307	0	0	0	0	0	0
LM-13-04	307	307.5	0	0	0	0	0	0
LM-13-04	307.5	308	0.52	0	0	0	0	0
LM-13-04	308	308.5	1.16	1.39	0	0	0	0
LM-13-04	308.5	309	1.4	0.34	0	0	0	0
LM-13-04	309	309.5	0.7	0.36	0.02	0	0	0
LM-13-04	309.5	310	0.01	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	293.5	294	0	0.49	0	0.03	22.24
LM-13-04	294	294.5	0.01	0.38	0.08	21.38	26.04
LM-13-04	294.5	295	0.04	0.72	0	4.5	10.46
LM-13-04	295	295.5	0	0.18	0	0.06	2.75
LM-13-04	295.5	296	0.79	0.28	0	0.06	0.03
LM-13-04	296	296.5	0.1	0.97	0	0.16	0.34
LM-13-04	296.5	297	4.05	2.58	0	0.33	2.01
LM-13-04	297	297.5	20.06	5.55	0	0.49	0.41
LM-13-04	297.5	298	0.06	5.96	0	0	1.17
LM-13-04	298	298.5	8.89	8.01	0	1.95	4.49
LM-13-04	298.5	299	1.7	0.03	0	0.5	3.24
LM-13-04	299	299.5	0.12	0.01	0	0	0.92
LM-13-04	299.5	300	0.22	0.02	0	0	0.85
LM-13-04	300	300.5	5.13	0.67	0	7.93	0.85
LM-13-04	300.5	301	1.09	4.61	0	1.34	35.45
LM-13-04	301	301.5	0.25	0.01	0	0	0.11
LM-13-04	301.5	302	0	0	0	0	0.6
LM-13-04	302	302.5	0	0.09	0	0.04	0.2
LM-13-04	302.5	303	0.15	0.02	0	0	0.71
LM-13-04	303	303.5	4.31	0.34	0	0.04	1.58
LM-13-04	303.5	304	0	0.01	0	0	37.99
LM-13-04	304	304.5	1.57	0	0	0.38	42.88
LM-13-04	304.5	305	12.82	0.05	0.01	1.13	33.78
LM-13-04	305	305.5	5.78	0.02	0	2.14	17.69
LM-13-04	305.5	306	0	0	0	0	1.91
LM-13-04	306	306.5	0	0	0	0	0.11
LM-13-04	306.5	307	0	0	0	0	0
LM-13-04	307	307.5	0	0	0	0	4.32
LM-13-04	307.5	308	0	0	0	0	7.61
LM-13-04	308	308.5	0	0.03	0	0.01	0.05
LM-13-04	308.5	309	0.31	0.01	0	0.04	1.77
LM-13-04	309	309.5	0.22	0.92	0	0.07	3.18
LM-13-04	309.5	310	0.15	0	0	0	2.26

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	293.5	294	0.49	59.33	0.3	0.7	0
LM-13-04	294	294.5	7.86	20.56	1.2	0.37	0
LM-13-04	294.5	295	5.9	12.95	0.23	0.52	0.01
LM-13-04	295	295.5	6.91	15.66	0	0.1	0
LM-13-04	295.5	296	0	51.37	0.81	0.8	0
LM-13-04	296	296.5	0.09	70.25	0.3	3.59	0
LM-13-04	296.5	297	0.07	72.78	0.51	8.8	0.12
LM-13-04	297	297.5	1.2	32.11	0.26	10.69	0.05
LM-13-04	297.5	298	0.44	62.46	1.44	3.79	0.03
LM-13-04	298	298.5	1.43	16.15	0.58	6.18	0.04
LM-13-04	298.5	299	5	48.65	0.11	0.06	0
LM-13-04	299	299.5	0	82.76	0.35	0.01	0
LM-13-04	299.5	300	0.08	53.96	0.26	0.06	0
LM-13-04	300	300.5	2.69	40.65	0.18	0.41	0
LM-13-04	300.5	301	4.94	20.61	0.31	2.53	0.01
LM-13-04	301	301.5	10.13	8.01	0	0.04	0
LM-13-04	301.5	302	18.61	30.28	0.1	0	0
LM-13-04	302	302.5	6.5	25.67	0	0.43	0
LM-13-04	302.5	303	1.18	9.29	0	0.06	0
LM-13-04	303	303.5	13.2	7.22	0	0.21	0
LM-13-04	303.5	304	25.75	0.65	0	0.03	0
LM-13-04	304	304.5	19.49	4.18	0.13	0	0
LM-13-04	304.5	305	2.98	20.46	1.11	0.26	0
LM-13-04	305	305.5	0.16	16.69	0.02	0.1	0
LM-13-04	305.5	306	30.99	4.44	0	0	0
LM-13-04	306	306.5	98.5	0.46	0	0	0
LM-13-04	306.5	307	88.19	0	0	0	0
LM-13-04	307	307.5	49.26	0	0	0	0
LM-13-04	307.5	308	29.18	1.53	0	0	0
LM-13-04	308	308.5	0	29.01	0.02	1.35	0.01
LM-13-04	308.5	309	7.18	7.97	0.03	0.4	0
LM-13-04	309	309.5	17.33	7.64	0.07	6.06	0.02
LM-13-04	309.5	310	57.75	0.2	0.14	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	293.5	294	2336.84	0	0.47	2207.23	0
LM-13-04	294	294.5	2328.64	921.02	0.43	2206.4	0
LM-13-04	294.5	295	2331.27	0	0.46	2206.49	0
LM-13-04	295	295.5	0	0	0.44	2207.15	0
LM-13-04	295.5	296	2339.42	0	0.42	2206.58	0
LM-13-04	296	296.5	2344	0	0.45	2206.44	0.11
LM-13-04	296.5	297	0	0	0.49	2206.41	0
LM-13-04	297	297.5	2326.2	0	0.51	2205.42	0.13
LM-13-04	297.5	298	0	0	0.45	2205.57	0.13
LM-13-04	298	298.5	0	941.62	0.72	2205.51	0
LM-13-04	298.5	299	0	0	0.33	2209.42	0
LM-13-04	299	299.5	0	0	0.28	2204.74	0
LM-13-04	299.5	300	0	0	0.34	2207.37	0
LM-13-04	300	300.5	2337.93	0	0.43	2207.07	0
LM-13-04	300.5	301	2335.21	0	0.5	2206.61	0
LM-13-04	301	301.5	2336.96	0	0.29	2206.82	0
LM-13-04	301.5	302	0	0	0	0	0
LM-13-04	302	302.5	0	0	0.45	2205.93	0
LM-13-04	302.5	303	0	0	0.36	2205.8	0
LM-13-04	303	303.5	0	0	0.41	2204.58	0
LM-13-04	303.5	304	0	0	0.34	2205.59	0
LM-13-04	304	304.5	0	0	0	0	0
LM-13-04	304.5	305	0	885.02	0.81	2205.64	0
LM-13-04	305	305.5	0	0	0.49	2205.64	0
LM-13-04	305.5	306	0	0	0	0	0
LM-13-04	306	306.5	2345.08	0	0	0	0
LM-13-04	306.5	307	0	0	0	0	0
LM-13-04	307	307.5	0	0	0	0	0
LM-13-04	307.5	308	0	0	0	0	0
LM-13-04	308	308.5	2346.17	0	0.38	2206.76	0
LM-13-04	308.5	309	0	0	0.43	2206.61	0
LM-13-04	309	309.5	2342.37	0	0.65	2206.51	0
LM-13-04	309.5	310	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	293.5	294	0	67.89	32.11	0	2254.72
LM-13-04	294	294.5	0	88.71	11.29	0	2259.11
LM-13-04	294.5	295	0	83.49	16.51	0	0
LM-13-04	295	295.5	0	61.11	38.89	0	2260.14
LM-13-04	295.5	296	0	76.54	23.46	0	2259.35
LM-13-04	296	296.5	0.11	78.16	21.62	0	2261.43
LM-13-04	296.5	297	0.12	83.64	16.24	0	2260.98
LM-13-04	297	297.5	1.4	91.75	6.54	0.19	2258.74
LM-13-04	297.5	298	0.9	89.94	9.03	0	2260.67
LM-13-04	298	298.5	0.07	96.77	3.16	0	2255.45
LM-13-04	298.5	299	0	28.57	71.43	0	2255.97
LM-13-04	299	299.5	33.33	66.67	0	0	0
LM-13-04	299.5	300	0	68.75	31.25	0	0
LM-13-04	300	300.5	0	70.77	27.69	1.54	0
LM-13-04	300.5	301	0	86.38	13.62	0	0
LM-13-04	301	301.5	0	62.5	37.5	0	0
LM-13-04	301.5	302	0	0	0	0	0
LM-13-04	302	302.5	1.04	88.54	10.42	0	0
LM-13-04	302.5	303	0	84.62	15.38	0	0
LM-13-04	303	303.5	8	84	8	0	0
LM-13-04	303.5	304	0	80	20	0	0
LM-13-04	304	304.5	0	0	0	0	2257.06
LM-13-04	304.5	305	0	89.66	10.34	0	0
LM-13-04	305	305.5	0	100	0	0	2255.86
LM-13-04	305.5	306	0	0	0	0	0
LM-13-04	306	306.5	0	0	0	0	0
LM-13-04	306.5	307	0	0	0	0	0
LM-13-04	307	307.5	0	0	0	0	0
LM-13-04	307.5	308	0	0	0	0	0
LM-13-04	308	308.5	2.19	66.79	29.93	1.09	2257.73
LM-13-04	308.5	309	0	89.66	10.34	0	2258.68
LM-13-04	309	309.5	0.67	88.13	11.2	0	2259.19
LM-13-04	309.5	310	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	293.5	294	0	50	0	50
LM-13-04	294	294.5	0	0	50	50
LM-13-04	294.5	295	0	0	0	0
LM-13-04	295	295.5	0	0	0	100
LM-13-04	295.5	296	0	0	0	100
LM-13-04	296	296.5	0	0	10	90
LM-13-04	296.5	297	0	0	0	100
LM-13-04	297	297.5	0	0	19.23	80.77
LM-13-04	297.5	298	0	0	9.09	90.91
LM-13-04	298	298.5	0	50	0	50
LM-13-04	298.5	299	0	33.33	0	66.67
LM-13-04	299	299.5	0	0	0	0
LM-13-04	299.5	300	0	0	0	0
LM-13-04	300	300.5	0	0	0	0
LM-13-04	300.5	301	0	0	0	0
LM-13-04	301	301.5	0	0	0	0
LM-13-04	301.5	302	0	0	0	0
LM-13-04	302	302.5	0	0	0	0
LM-13-04	302.5	303	0	0	0	0
LM-13-04	303	303.5	0	0	0	0
LM-13-04	303.5	304	0	0	0	0
LM-13-04	304	304.5	0	0	47.06	52.94
LM-13-04	304.5	305	0	0	0	0
LM-13-04	305	305.5	0	0	84.62	15.38
LM-13-04	305.5	306	0	0	0	0
LM-13-04	306	306.5	0	0	0	0
LM-13-04	306.5	307	0	0	0	0
LM-13-04	307	307.5	0	0	0	0
LM-13-04	307.5	308	0	0	0	0
LM-13-04	308	308.5	0	0.35	40.07	59.57
LM-13-04	308.5	309	0	0	18.18	81.82
LM-13-04	309	309.5	0	0	9.3	90.7
LM-13-04	309.5	310	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	310.5	311	9119	3.42	15.89	0	0.23	12.41
LM-13-04	311	311.5	20524	4.44	13.63	0	0.01	0.25
LM-13-04	311.5	312	18690	1.05	19.73	0	0	21.26
LM-13-04	312	312.5	5051	1.07	15.64	0	0	35.58
LM-13-04	312.5	313	17582	1.47	2.85	0	0.24	1.28
LM-13-04	313	313.5	17289	6.35	13.89	0	0.38	0.65
LM-13-04	313.5	314	1976	0.25	22.67	0	0	0
LM-13-04	314	314.5	10902	3.5	5.69	0	0.94	13.16
LM-13-04	314.5	315	21717	0.93	8.78	0	0	29.09
LM-13-04	315	315.5	18467	0.69	28.79	0	0.03	28.73
LM-13-04	315.5	316	1633	0.24	39.01	0	0	18.86
LM-13-04	316	316.5	19794	2.6	25.25	0	0	7.31
LM-13-04	316.5	317	13777	1.15	34.45	0	0	1.18
LM-13-04	317	317.5	922	0	0	0	0	0
LM-13-04	317.5	318	13474	1.11	52	0	0	1.61
LM-13-04	318	318.5	19793	1.25	40.27	0	0.03	1.19
LM-13-04	318.5	319	18209	0.37	13.92	0	0	0.58
LM-13-04	319	319.5	1019	0	0	0	0	0
LM-13-04	319.5	320	19333	6.13	14.73	0	0	6.5
LM-13-04	320	320.5	19992	0.23	9.96	0	0.01	75.57
LM-13-04	320.5	321	11561	3.24	11.82	0	3.95	7.17
LM-13-04	321	321.5	19670	5.06	9.8	0	0.06	0
LM-13-04	321.5	322	19058	1.04	37.14	0	0.01	2.19
LM-13-04	322	322.5	18614	3.05	23.93	0	1.63	9.44
LM-13-04	322.5	323	21456	2.11	25.21	0	0.01	0.85
LM-13-04	323	323.5	24916	1.36	37.14	0	0	3.89
LM-13-04	323.5	324	5728	1.54	21.04	0	0	51.64
LM-13-04	324	324.5	20962	2.28	34.93	0	0	10.69
LM-13-04	324.5	325	24691	1.68	17.95	0	0.01	7.65
LM-13-04	325	325.5	12655	0.58	19.43	0	0	13.34
LM-13-04	325.5	326	19208	3.69	25.2	0	0	1.58
LM-13-04	326	326.5	24306	0.85	13.2	0	0.01	0.81
LM-13-04	326.5	327	3731	1.26	58.99	0	0	0

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	310.5	311	0.98	0	0	0	0	0
LM-13-04	311	311.5	0.43	0	0	0	0	0
LM-13-04	311.5	312	0.57	0	0	0	0	0
LM-13-04	312	312.5	0.02	0	0	0	0	0
LM-13-04	312.5	313	1.48	0	0	0	0	0
LM-13-04	313	313.5	1.19	0	0	0	0	0
LM-13-04	313.5	314	0	0	0	0	0	0
LM-13-04	314	314.5	6.7	0	0	0	0	0
LM-13-04	314.5	315	0.16	0	0	0	0	0
LM-13-04	315	315.5	1.38	0	0	0	0	0
LM-13-04	315.5	316	0	0	0	0	0	0
LM-13-04	316	316.5	0.51	0	0	0	0	0
LM-13-04	316.5	317	0.04	0	0	0	0	0
LM-13-04	317	317.5	0	0	0	0	0	0
LM-13-04	317.5	318	0	0	0	0	0	0
LM-13-04	318	318.5	0.39	0	0	0	0	0
LM-13-04	318.5	319	0	0	0	0	0	0
LM-13-04	319	319.5	0	0	0	0	0	0
LM-13-04	319.5	320	0	0	0	0	0	0
LM-13-04	320	320.5	0.08	0	0	0	0	0
LM-13-04	320.5	321	14.94	0	0	0	0	0.07
LM-13-04	321	321.5	1.26	0	0	0	0	0
LM-13-04	321.5	322	0.7	0	0	0	0	0
LM-13-04	322	322.5	18.92	0	0	0	0	0
LM-13-04	322.5	323	0.57	0	0	0	0	0
LM-13-04	323	323.5	0.02	0	0	0	0	0
LM-13-04	323.5	324	0.03	0	0	0	0	0
LM-13-04	324	324.5	0	0	0	0	0	0
LM-13-04	324.5	325	0.24	0	0	0	0	0
LM-13-04	325	325.5	0	0	0	0	0	0
LM-13-04	325.5	326	0.01	0	0	0	0	0
LM-13-04	326	326.5	0.41	0	0	0	0	0
LM-13-04	326.5	327	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	310.5	311	0	0	0	0.1	7.23
LM-13-04	311	311.5	0.06	0	0	0.03	8.4
LM-13-04	311.5	312	0.13	0	0	0	17.46
LM-13-04	312	312.5	0	0	0	0	19.18
LM-13-04	312.5	313	0	0.06	0	0.04	3.63
LM-13-04	313	313.5	0	0	0	0.05	7.46
LM-13-04	313.5	314	0	0	0	0	39.57
LM-13-04	314	314.5	0.12	0	0	2.6	31.79
LM-13-04	314.5	315	0	0	0	0	21.05
LM-13-04	315	315.5	0	0.03	0	0	14.58
LM-13-04	315.5	316	0	0	0	0	9
LM-13-04	316	316.5	0	0	0.01	0.47	6.3
LM-13-04	316.5	317	0	0	0	0	8.57
LM-13-04	317	317.5	0	0	0	0	0.22
LM-13-04	317.5	318	0	0	0	0	15.7
LM-13-04	318	318.5	0	0	0	0	11.8
LM-13-04	318.5	319	0	0	0	0	5.77
LM-13-04	319	319.5	0	0	0	0	0
LM-13-04	319.5	320	0	0	0	0	5.28
LM-13-04	320	320.5	0	0	0	0	2.75
LM-13-04	320.5	321	0	0	0	0	34.45
LM-13-04	321	321.5	0	0	0	0	3.99
LM-13-04	321.5	322	0	0	0	0	19.02
LM-13-04	322	322.5	0.02	6.77	0	0.03	6.31
LM-13-04	322.5	323	0	0	0	0	14.05
LM-13-04	323	323.5	0	0	0	0	21.51
LM-13-04	323.5	324	0	0.02	0	0	11.85
LM-13-04	324	324.5	0	0	0	0	18.23
LM-13-04	324.5	325	0	0	0	0	17.75
LM-13-04	325	325.5	0	0	0	0	3.74
LM-13-04	325.5	326	0	0	0	0	12.26
LM-13-04	326	326.5	0	0	0	0	4.53
LM-13-04	326.5	327	0	0	0	0	1.23

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	310.5	311	48.67	2.77	0	0	0
LM-13-04	311	311.5	72.97	0.93	0	0	0
LM-13-04	311.5	312	36.61	2.78	0.27	0.02	0
LM-13-04	312	312.5	1.35	0.49	0.12	0	0
LM-13-04	312.5	313	80.1	1.4	0	0	0
LM-13-04	313	313.5	57.45	0.14	0	0	0
LM-13-04	313.5	314	31.12	0	0	0	0
LM-13-04	314	314.5	30.8	1.67	0.57	0	0
LM-13-04	314.5	315	38.52	1.91	0.02	0	0
LM-13-04	315	315.5	19.56	2.4	0.04	0.04	0
LM-13-04	315.5	316	10.53	0.06	0	0	0
LM-13-04	316	316.5	56.04	0.49	0	0.09	0.03
LM-13-04	316.5	317	38.96	0.07	0	0	0
LM-13-04	317	317.5	3.47	0	0	0	0
LM-13-04	317.5	318	20.57	0	0	0	0
LM-13-04	318	318.5	44.62	0	0	0	0
LM-13-04	318.5	319	79.39	0.05	0	0	0
LM-13-04	319	319.5	0	0	0	0	0
LM-13-04	319.5	320	62.64	0.06	0	0	0
LM-13-04	320	320.5	2.13	1.03	0	0	0
LM-13-04	320.5	321	22.96	2.33	0.06	0	0
LM-13-04	321	321.5	72.58	0.13	0	0	0
LM-13-04	321.5	322	35.76	0.64	0.06	0	0
LM-13-04	322	322.5	29.52	9.33	0.04	0.24	0.24
LM-13-04	322.5	323	57.42	0.21	0	0	0
LM-13-04	323	323.5	34.78	0.04	0	0	0
LM-13-04	323.5	324	3.11	0.33	0.02	0	0
LM-13-04	324	324.5	30.25	0.82	0	0	0
LM-13-04	324.5	325	52.93	0.26	0.03	0	0
LM-13-04	325	325.5	61.45	0	0	0.01	0
LM-13-04	325.5	326	55.59	0.03	0.04	0	0
LM-13-04	326	326.5	79.54	0.06	0	0	0
LM-13-04	326.5	327	38.52	0	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	310.5	311	2339.3	0	0	0	0
LM-13-04	311	311.5	2316	0	0	0	0
LM-13-04	311.5	312	0	0	0.48	2208.47	0
LM-13-04	312	312.5	0	0	0	0	0
LM-13-04	312.5	313	2344.94	0	0	0	0
LM-13-04	313	313.5	2344.11	0	0	0	0
LM-13-04	313.5	314	0	0	0	0	0
LM-13-04	314	314.5	2336.94	0	0	0	0
LM-13-04	314.5	315	0	0	0.24	2211.34	0
LM-13-04	315	315.5	2329.13	0	0.27	2207.64	0
LM-13-04	315.5	316	0	0	0	0	0
LM-13-04	316	316.5	0	0	0.48	2204.14	0
LM-13-04	316.5	317	0	0	0	0	0
LM-13-04	317	317.5	0	0	0	0	0
LM-13-04	317.5	318	0	0	0	0	0
LM-13-04	318	318.5	2343.1	0	0	0	0
LM-13-04	318.5	319	0	0	0	0	0
LM-13-04	319	319.5	0	0	0	0	0
LM-13-04	319.5	320	0	0	0	0	0
LM-13-04	320	320.5	0	0	0	0	0
LM-13-04	320.5	321	2340.8	928	0	0	0
LM-13-04	321	321.5	2342.53	0	0	0	0
LM-13-04	321.5	322	2344.78	0	0	0	0
LM-13-04	322	322.5	2340.69	0	0.69	2205.93	0
LM-13-04	322.5	323	2340.87	0	0	0	0
LM-13-04	323	323.5	0	0	0	0	0
LM-13-04	323.5	324	0	0	0	0	0
LM-13-04	324	324.5	0	0	0	0	0
LM-13-04	324.5	325	0	0	0	0	0
LM-13-04	325	325.5	0	0	0	0	#DIV/0!
LM-13-04	325.5	326	0	0	0	0	0
LM-13-04	326	326.5	2350.13	0	0	0	0
LM-13-04	326.5	327	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	310.5	311	0	0	0	0	0
LM-13-04	311	311.5	0	0	0	0	0
LM-13-04	311.5	312	0	66.67	33.33	0	0
LM-13-04	312	312.5	0	0	0	0	0
LM-13-04	312.5	313	0	0	0	0	0
LM-13-04	313	313.5	0	0	0	0	0
LM-13-04	313.5	314	0	0	0	0	0
LM-13-04	314	314.5	0	0	0	0	0
LM-13-04	314.5	315	0	0	100	0	0
LM-13-04	315	315.5	0	42.86	57.14	0	0
LM-13-04	315.5	316	0	0	0	0	0
LM-13-04	316	316.5	5.88	88.24	5.88	0	0
LM-13-04	316.5	317	0	0	0	0	0
LM-13-04	317	317.5	0	0	0	0	0
LM-13-04	317.5	318	0	0	0	0	0
LM-13-04	318	318.5	0	0	0	0	0
LM-13-04	318.5	319	0	0	0	0	0
LM-13-04	319	319.5	0	0	0	0	0
LM-13-04	319.5	320	0	0	0	0	0
LM-13-04	320	320.5	0	0	0	0	0
LM-13-04	320.5	321	0	0	0	0	0
LM-13-04	321	321.5	0	0	0	0	0
LM-13-04	321.5	322	0	0	0	0	0
LM-13-04	322	322.5	0	95.35	4.65	0	0
LM-13-04	322.5	323	0	0	0	0	0
LM-13-04	323	323.5	0	0	0	0	0
LM-13-04	323.5	324	0	0	0	0	0
LM-13-04	324	324.5	0	0	0	0	0
LM-13-04	324.5	325	0	0	0	0	0
LM-13-04	325	325.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-04	325.5	326	0	0	0	0	0
LM-13-04	326	326.5	0	0	0	0	0
LM-13-04	326.5	327	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	310.5	311	0	0	0	0
LM-13-04	311	311.5	0	0	0	0
LM-13-04	311.5	312	0	0	0	0
LM-13-04	312	312.5	0	0	0	0
LM-13-04	312.5	313	0	0	0	0
LM-13-04	313	313.5	0	0	0	0
LM-13-04	313.5	314	0	0	0	0
LM-13-04	314	314.5	0	0	0	0
LM-13-04	314.5	315	0	0	0	0
LM-13-04	315	315.5	0	0	0	0
LM-13-04	315.5	316	0	0	0	0
LM-13-04	316	316.5	0	0	0	0
LM-13-04	316.5	317	0	0	0	0
LM-13-04	317	317.5	0	0	0	0
LM-13-04	317.5	318	0	0	0	0
LM-13-04	318	318.5	0	0	0	0
LM-13-04	318.5	319	0	0	0	0
LM-13-04	319	319.5	0	0	0	0
LM-13-04	319.5	320	0	0	0	0
LM-13-04	320	320.5	0	0	0	0
LM-13-04	320.5	321	0	0	0	0
LM-13-04	321	321.5	0	0	0	0
LM-13-04	321.5	322	0	0	0	0
LM-13-04	322	322.5	0	0	0	0
LM-13-04	322.5	323	0	0	0	0
LM-13-04	323	323.5	0	0	0	0
LM-13-04	323.5	324	0	0	0	0
LM-13-04	324	324.5	0	0	0	0
LM-13-04	324.5	325	0	0	0	0
LM-13-04	325	325.5	0	0	0	0
LM-13-04	325.5	326	0	0	0	0
LM-13-04	326	326.5	0	0	0	0
LM-13-04	326.5	327	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	327	327.5	19866	1.02	16.58	0	0.68	4.37
LM-13-04	327.5	328	20972	0.11	21.82	0	0	2.34
LM-13-04	328	328.5	14033	1.55	37.34	0	0.18	19.9
LM-13-04	328.5	329	17514	1.49	25.15	0	0.03	4.06
LM-13-04	329	329.5	17646	0.67	3.26	0	0	0
LM-13-04	329.5	330	15044	1.3	20.29	0	0	4.44
LM-13-04	330	330.5	7114	1.98	22.48	0	0	18.7
LM-13-04	330.5	331	19343	0.31	10.04	0	0.01	6.06
LM-13-04	331	331.5	18628	0.94	4.69	0	0	0.02
LM-13-04	331.5	332	11260	0.8	25.35	0	0.12	3.67
LM-13-04	332	332.5	1767	1.25	61.12	0	0	5.21
LM-13-04	332.5	333	17396	1.72	34.99	0	0.08	1.09
LM-13-04	333	333.5	18837	2.22	25.33	0	0	15.38
LM-13-04	333.5	334	19730	3.24	12.32	0	0	7.53
LM-13-04	334	334.5	13064	4.9	2.46	0	0	0
LM-13-04	334.5	335	16947	1.12	23.04	0	0.01	0.99
LM-13-04	335	335.5	18605	4.13	9.58	0	0	0
LM-13-04	335.5	336	16118	1.38	16.5	0	0.04	9.48
LM-13-04	336	336.5	14837	1.25	6.25	0	0	3.86
LM-13-04	336.5	337	19737	1.02	9.17	0	0	0.3
LM-13-04	337	337.5	18721	5.45	10.21	0	0.01	0.51
LM-13-04	337.5	338	8479	1.76	4.35	0	0.01	0.6
LM-13-04	338	338.5	22762	2.43	23.45	0	0.52	4.63
LM-13-04	338.5	339	20794	3.19	2.74	0	0.3	0.33
LM-13-04	339	339.5	15832	2.92	5.48	0	0	1.66
LM-13-04	339.5	340	20377	3.5	23.91	0	0	4.34
LM-13-04	340	340.5	22658	4.32	8.39	0	0	0
LM-13-04	340.5	341	14225	3.47	21.52	0	0.01	0.04
LM-13-04	341	341.5	20141	6.15	10.45	0	0.26	1.66
LM-13-04	341.5	342	21775	5.84	12.97	0	0	0.68
LM-13-04	342	342.5	11769	1.22	5.12	0	0.05	58.54
LM-13-04	342.5	343	18667	0.89	15.18	0	0.04	18.99
LM-13-04	343	343.5	24472	0.54	17.74	0	0.35	58.26

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	327	327.5	1.66	0	0	0	0	0
LM-13-04	327.5	328	0	0	0	0	0	0
LM-13-04	328	328.5	3.87	0	0	0	0	0
LM-13-04	328.5	329	0.49	0	0	0	0	0
LM-13-04	329	329.5	0	0	0	0	0	0
LM-13-04	329.5	330	0	0	0	0	0	0
LM-13-04	330	330.5	0	0	0	0	0	0
LM-13-04	330.5	331	0.24	0	0	0	0	0
LM-13-04	331	331.5	0	0	0	0	0	0
LM-13-04	331.5	332	4.72	0	0	0	0	0
LM-13-04	332	332.5	0	0	0	0	0	0
LM-13-04	332.5	333	2.84	0	0	0	0	0
LM-13-04	333	333.5	0.6	0	0	0	0	0
LM-13-04	333.5	334	0.01	0	0	0	0	0
LM-13-04	334	334.5	1.62	0	0	0	0	0
LM-13-04	334.5	335	1.14	0	0	0	0	0
LM-13-04	335	335.5	0	0	0	0	0	0
LM-13-04	335.5	336	0.89	0	0	0	0	0
LM-13-04	336	336.5	0.7	0.01	0	0	0	0.03
LM-13-04	336.5	337	0.13	0	0	0	0	0
LM-13-04	337	337.5	0.6	0	0	0	0	0
LM-13-04	337.5	338	6.26	0	0	0	0	0
LM-13-04	338	338.5	4.32	0	0	0	0	0.04
LM-13-04	338.5	339	4.43	0	0	0	0	0
LM-13-04	339	339.5	0	0	0	0	0	0.01
LM-13-04	339.5	340	0.07	0	0	0	0	0
LM-13-04	340	340.5	0.01	0	0	0	0	0
LM-13-04	340.5	341	0.13	0	0	0	0	0
LM-13-04	341	341.5	1.91	0	0	0	0	0
LM-13-04	341.5	342	0.21	0	0	0	0	0
LM-13-04	342	342.5	0.51	0	0	0	0	0
LM-13-04	342.5	343	0.92	0	0	0	0	0
LM-13-04	343	343.5	6.2	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	327	327.5	0	0	0	0	15.03
LM-13-04	327.5	328	0	0	0	0	11.11
LM-13-04	328	328.5	0	0.42	0	0.01	14.93
LM-13-04	328.5	329	0	1.36	0	0	33.42
LM-13-04	329	329.5	0	0	0	0	11.99
LM-13-04	329.5	330	0	0	0	0	22.56
LM-13-04	330	330.5	0	0	0	0	33.44
LM-13-04	330.5	331	0	0	0	0	9.83
LM-13-04	331	331.5	0	0	0	0	4.41
LM-13-04	331.5	332	0.01	0.22	0	0	21.78
LM-13-04	332	332.5	0	0	0	0	32.6
LM-13-04	332.5	333	0.26	1.35	0	0.16	7.99
LM-13-04	333	333.5	0	0	0	0	30.15
LM-13-04	333.5	334	0	0	0	0	19.09
LM-13-04	334	334.5	0	0	0	0	0.94
LM-13-04	334.5	335	0	0	0	0	1.32
LM-13-04	335	335.5	0	0	0	0	6.8
LM-13-04	335.5	336	0	0.11	0	0	12.05
LM-13-04	336	336.5	0	0	0	0	7.07
LM-13-04	336.5	337	0	0	0	0	2.74
LM-13-04	337	337.5	0	0	0	0	7.37
LM-13-04	337.5	338	0.04	0.01	0	0.14	5.05
LM-13-04	338	338.5	0	0	0	0	6.7
LM-13-04	338.5	339	0	0	0	0	9.07
LM-13-04	339	339.5	0	0	0	0	21.23
LM-13-04	339.5	340	0	0	0	0	6.02
LM-13-04	340	340.5	0	0	0	0	3.42
LM-13-04	340.5	341	0	0	0	0	3.94
LM-13-04	341	341.5	0.03	0	0	0	5.39
LM-13-04	341.5	342	0	0	0	0	9.46
LM-13-04	342	342.5	0	19	0	0.02	2.54
LM-13-04	342.5	343	0	0.01	0	0	9.32
LM-13-04	343	343.5	0	0.37	0	0	3.18

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	327	327.5	55.96	0.35	0.08	0	0
LM-13-04	327.5	328	56.08	0.02	0	0	0
LM-13-04	328	328.5	11.39	1.41	0.01	0	0
LM-13-04	328.5	329	32.94	0.25	0.02	0	0.01
LM-13-04	329	329.5	84.09	0	0	0	0
LM-13-04	329.5	330	46.88	0.15	0.14	0	0
LM-13-04	330	330.5	19.09	0.03	0	0	0
LM-13-04	330.5	331	71.06	0.22	0.01	0	0
LM-13-04	331	331.5	87.23	0	0	0	0
LM-13-04	331.5	332	22.86	0.12	0.28	0	0
LM-13-04	332	332.5	1.25	0	0	0	0
LM-13-04	332.5	333	50.93	0.56	0.02	0	0
LM-13-04	333	333.5	23.97	0.47	0.01	0	0
LM-13-04	333.5	334	56.99	0.06	0.09	0	0
LM-13-04	334	334.5	84.96	0.67	0	0	0
LM-13-04	334.5	335	72.18	0.06	0.06	0	0
LM-13-04	335	335.5	76.09	0.03	0	0	0
LM-13-04	335.5	336	48.12	0.45	0	0.01	0
LM-13-04	336	336.5	71.11	0.38	0.03	0	0
LM-13-04	336.5	337	86.47	0.23	0	0	0
LM-13-04	337	337.5	75.65	0.33	0	0	0
LM-13-04	337.5	338	81.19	1.44	0.12	0	0
LM-13-04	338	338.5	55.92	0.38	0.04	0	0
LM-13-04	338.5	339	71.21	0.48	0	0	0
LM-13-04	339	339.5	60	0	0.01	0	0
LM-13-04	339.5	340	59.95	0.11	0	0	0
LM-13-04	340	340.5	83.86	0.02	0	0	0
LM-13-04	340.5	341	70.75	0.3	0.11	0	0
LM-13-04	341	341.5	74.6	0.03	0	0	0
LM-13-04	341.5	342	69.82	0.28	0	0	0
LM-13-04	342	342.5	13.78	1.98	0.05	0.08	0.45
LM-13-04	342.5	343	49.18	0.58	0.01	0	0
LM-13-04	343	343.5	3.88	0.87	0.01	0	0.01

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	327	327.5	2340.74	0	0	0	0
LM-13-04	327.5	328	0	0	0	0	0
LM-13-04	328	328.5	2349.99	0	0	0	0
LM-13-04	328.5	329	0	0	0	0	0
LM-13-04	329	329.5	0	0	0	0	0
LM-13-04	329.5	330	0	0	0	0	0
LM-13-04	330	330.5	0	0	0	0	0
LM-13-04	330.5	331	0	0	0	0	0
LM-13-04	331	331.5	0	0	0	0	0
LM-13-04	331.5	332	2344	0	0	0	0
LM-13-04	332	332.5	0	0	0	0	0
LM-13-04	332.5	333	2315.18	0	0	0	0
LM-13-04	333	333.5	0	0	0	0	0
LM-13-04	333.5	334	0	0	0	0	0
LM-13-04	334	334.5	0	0	0	0	0
LM-13-04	334.5	335	0	0	0	0	0
LM-13-04	335	335.5	0	0	0	0	0
LM-13-04	335.5	336	2330	0	0.23	2200.79	0
LM-13-04	336	336.5	0	888	0	0	0
LM-13-04	336.5	337	0	0	0	0	0
LM-13-04	337	337.5	0	0	0	0	0
LM-13-04	337.5	338	0	0	0	0	0
LM-13-04	338	338.5	2337.62	884	0	0	0
LM-13-04	338.5	339	2332.35	0	0	0	0
LM-13-04	339	339.5	0	0	0	0	0
LM-13-04	339.5	340	0	0	0	0	0
LM-13-04	340	340.5	0	0	0	0	0
LM-13-04	340.5	341	2358.55	0	0	0	0
LM-13-04	341	341.5	2341.82	0	0	0	0
LM-13-04	341.5	342	0	0	0	0	0
LM-13-04	342	342.5	2317.26	0	0.75	2206.49	0
LM-13-04	342.5	343	2347.72	0	0	0	0
LM-13-04	343	343.5	2345.32	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	327	327.5	0	0	0	0	0
LM-13-04	327.5	328	0	0	0	0	0
LM-13-04	328	328.5	0	0	0	0	0
LM-13-04	328.5	329	0	0	0	0	0
LM-13-04	329	329.5	0	0	0	0	0
LM-13-04	329.5	330	0	0	0	0	0
LM-13-04	330	330.5	0	0	0	0	0
LM-13-04	330.5	331	0	0	0	0	0
LM-13-04	331	331.5	0	0	0	0	0
LM-13-04	331.5	332	0	0	0	0	0
LM-13-04	332	332.5	0	0	0	0	0
LM-13-04	332.5	333	0	0	0	0	0
LM-13-04	333	333.5	0	0	0	0	0
LM-13-04	333.5	334	0	0	0	0	0
LM-13-04	334	334.5	0	0	0	0	0
LM-13-04	334.5	335	0	0	0	0	0
LM-13-04	335	335.5	0	0	0	0	0
LM-13-04	335.5	336	0	100	0	0	0
LM-13-04	336	336.5	0	0	0	0	2263.29
LM-13-04	336.5	337	0	0	0	0	0
LM-13-04	337	337.5	0	0	0	0	0
LM-13-04	337.5	338	0	0	0	0	0
LM-13-04	338	338.5	0	0	0	0	0
LM-13-04	338.5	339	0	0	0	0	0
LM-13-04	339	339.5	0	0	0	0	0
LM-13-04	339.5	340	0	0	0	0	0
LM-13-04	340	340.5	0	0	0	0	0
LM-13-04	340.5	341	0	0	0	0	0
LM-13-04	341	341.5	0	0	0	0	0
LM-13-04	341.5	342	0	0	0	0	0
LM-13-04	342	342.5	0	72.73	27.27	0	0
LM-13-04	342.5	343	0	0	0	0	0
LM-13-04	343	343.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	327	327.5	0	0	0	0
LM-13-04	327.5	328	0	0	0	0
LM-13-04	328	328.5	0	0	0	0
LM-13-04	328.5	329	0	0	0	0
LM-13-04	329	329.5	0	0	0	0
LM-13-04	329.5	330	0	0	0	0
LM-13-04	330	330.5	0	0	0	0
LM-13-04	330.5	331	0	0	0	0
LM-13-04	331	331.5	0	0	0	0
LM-13-04	331.5	332	0	0	0	0
LM-13-04	332	332.5	0	0	0	0
LM-13-04	332.5	333	0	0	0	0
LM-13-04	333	333.5	0	0	0	0
LM-13-04	333.5	334	0	0	0	0
LM-13-04	334	334.5	0	0	0	0
LM-13-04	334.5	335	0	0	0	0
LM-13-04	335	335.5	0	0	0	0
LM-13-04	335.5	336	0	0	0	0
LM-13-04	336	336.5	0	0	0	100
LM-13-04	336.5	337	0	0	0	0
LM-13-04	337	337.5	0	0	0	0
LM-13-04	337.5	338	0	0	0	0
LM-13-04	338	338.5	0	0	0	0
LM-13-04	338.5	339	0	0	0	0
LM-13-04	339	339.5	0	0	0	0
LM-13-04	339.5	340	0	0	0	0
LM-13-04	340	340.5	0	0	0	0
LM-13-04	340.5	341	0	0	0	0
LM-13-04	341	341.5	0	0	0	0
LM-13-04	341.5	342	0	0	0	0
LM-13-04	342	342.5	0	0	0	0
LM-13-04	342.5	343	0	0	0	0
LM-13-04	343	343.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	343.5	344	10914	5.01	42.83	0	0	12.1
LM-13-04	344	344.5	21339	5.08	17.82	0	0	0.02
LM-13-04	344.5	345	21252	8.54	10.7	0	0	0.52
LM-13-04	345	345.5	9918	0.89	0.9	0	0	0.05
LM-13-04	345.5	346	14160	3.06	6.64	0.04	0.15	0.21
LM-13-04	346	346.5	21925	1.8	11.97	0	0	0.58
LM-13-04	346.5	347	21221	4.86	50.18	0	0.01	9.46
LM-13-04	347	347.5	9883	7.13	42.72	0	0	3.12
LM-13-04	347.5	348	22080	1.68	49.67	0	0	17.67
LM-13-04	348	348.5	19697	4.15	31.59	0	0.8	4.77
LM-13-04	348.5	349	10087	0.73	20.2	0	0.13	3.35
LM-13-04	349	349.5	14726	5.32	26.48	0	0	8.98
LM-13-04	349.5	350	22020	1.88	17.84	0	0	3.06
LM-13-04	350	350.5	21778	3.58	19.46	0	0	12.46
LM-13-04	350.5	351	15808	4.94	22.79	0	0	6.78
LM-13-04	351	351.5	19082	3.82	17.45	0	0	1.86
LM-13-04	351.5	352	21011	7.48	18.71	0	0.06	0.17
LM-13-04	352	352.5	17421	2.35	25.54	0	0.21	8
LM-13-04	352.5	353	21125	0.87	39.78	0.01	0.89	24.56
LM-13-04	353	353.5	21277	5.13	8.9	0	0.07	0
LM-13-04	353.5	354	1504	3.46	4.19	0	0	0
LM-13-04	354	354.5	17150	2.46	31.04	0.22	2.23	7.17
LM-13-04	354.5	355	19660	1.98	57.54	0	0.02	5.81
LM-13-04	355	355.5	19088	5.19	9.71	0	0	0.64
LM-13-04	355.5	356	6345	2.44	3.51	0	0	0.25
LM-13-04	356	356.5	18888	2.3	4.94	0	0.01	2.76
LM-13-04	356.5	357	18571	2.05	5.35	0	0	0.04
LM-13-04	357	357.5	18291	7.2	7.88	0	0.14	0.03
LM-13-04	357.5	358	8854	4.28	1.04	0	0	0
LM-13-04	358	358.5	19216	5.15	9.91	0	0.02	0.59
LM-13-04	358.5	359	16328	4.81	21.66	0	0	1.04
LM-13-04	359	359.5	14883	6.7	9.49	0	0	0
LM-13-04	359.5	360	10108	2.45	0.14	0	0	0

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	343.5	344	0	0	0	0	0	0
LM-13-04	344	344.5	0	0	0	0	0	0
LM-13-04	344.5	345	0	0	0	0	0	0
LM-13-04	345	345.5	0	0	0	0	0	0
LM-13-04	345.5	346	0.93	0	0	0	0	0
LM-13-04	346	346.5	0	0	0	0	0	0
LM-13-04	346.5	347	0.11	0	0	0	0	0
LM-13-04	347	347.5	0.03	0	0	0	0	0
LM-13-04	347.5	348	0	0	0	0	0	0
LM-13-04	348	348.5	0.7	0	0	0	0	0.01
LM-13-04	348.5	349	0.27	0	0	0	0	0
LM-13-04	349	349.5	0	0	0	0	0	0
LM-13-04	349.5	350	0	0	0	0	0	0
LM-13-04	350	350.5	0.04	0	0	0	0	0
LM-13-04	350.5	351	0	0	0	0	0	0
LM-13-04	351	351.5	0	0	0	0	0	0
LM-13-04	351.5	352	1.56	0	0	0	0	0
LM-13-04	352	352.5	0.9	0	0	0	0	0
LM-13-04	352.5	353	0.03	0	0	0	0	0
LM-13-04	353	353.5	0.37	0	0	0	0	0
LM-13-04	353.5	354	0	0	0	0	0	0
LM-13-04	354	354.5	2.58	0	0.01	0	0	0
LM-13-04	354.5	355	0.02	0	0	0	0	0
LM-13-04	355	355.5	0.01	0	0	0	0	0.05
LM-13-04	355.5	356	0.25	0	0	0	0	0
LM-13-04	356	356.5	0.28	0	0	0	0	0
LM-13-04	356.5	357	0	0	0	0	0	0
LM-13-04	357	357.5	5.05	0	0	0	0.03	3.1
LM-13-04	357.5	358	0	0	0	0	0	0
LM-13-04	358	358.5	0.64	0	0	0	0	0
LM-13-04	358.5	359	0	0	0	0	0	0
LM-13-04	359	359.5	0.32	0	0	0	0	0.01
LM-13-04	359.5	360	0.72	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	343.5	344	0	0	0	0	27.37
LM-13-04	344	344.5	0	0	0	0	10.94
LM-13-04	344.5	345	0	0	0	0	4.27
LM-13-04	345	345.5	0	0	0	0	8.58
LM-13-04	345.5	346	0	0	0	0	5.7
LM-13-04	346	346.5	0	0	0	0	4.97
LM-13-04	346.5	347	0	0	0	0	4.93
LM-13-04	347	347.5	0	0.27	0	0	3.09
LM-13-04	347.5	348	0	0.55	0	0	9.01
LM-13-04	348	348.5	0.32	0	0	0.01	18.11
LM-13-04	348.5	349	0.21	0	0	0	3.3
LM-13-04	349	349.5	0	0	0	0	7.63
LM-13-04	349.5	350	0.02	0	0	0	16.27
LM-13-04	350	350.5	0	0	0	0	9.76
LM-13-04	350.5	351	0	0	0	0	1.21
LM-13-04	351	351.5	0	0	0	0	5.82
LM-13-04	351.5	352	0	0	0	0	0.43
LM-13-04	352	352.5	0.1	0	0	0.03	7.29
LM-13-04	352.5	353	0	0	0	0.27	0.77
LM-13-04	353	353.5	0	0	0	0	4.02
LM-13-04	353.5	354	0	0	0	0	0.4
LM-13-04	354	354.5	0	0.69	0	0.01	7.73
LM-13-04	354.5	355	0	0	0	0	5.4
LM-13-04	355	355.5	0	0.11	0	0	6.12
LM-13-04	355.5	356	0	0.3	0	0	23.67
LM-13-04	356	356.5	0.19	0.77	0	0	5.14
LM-13-04	356.5	357	0	0	0	0	0.5
LM-13-04	357	357.5	0	0	0	0.19	11.44
LM-13-04	357.5	358	0	0	0	0	0.89
LM-13-04	358	358.5	0	0	0	0	15.79
LM-13-04	358.5	359	0	0	0	0	3.74
LM-13-04	359	359.5	0	0	0	0	2.63
LM-13-04	359.5	360	0	0	0	0	0.19

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	343.5	344	8.5	0	0	0	0
LM-13-04	344	344.5	49.87	0	0	0	0
LM-13-04	344.5	345	68.35	0.07	0.02	0	0
LM-13-04	345	345.5	83.39	0	0	0	0
LM-13-04	345.5	346	78.4	0	0	0	0
LM-13-04	346	346.5	80.68	0	0.02	0	0
LM-13-04	346.5	347	26.41	0.08	0.03	0	0
LM-13-04	347	347.5	39.23	0.15	0.15	0.25	0
LM-13-04	347.5	348	15.54	0.22	0.06	0	0
LM-13-04	348	348.5	36.2	1.23	0.32	0	0
LM-13-04	348.5	349	72.53	0.32	0	0	0
LM-13-04	349	349.5	23.08	0.05	0.05	0	0
LM-13-04	349.5	350	60.86	0.06	0	0.03	0
LM-13-04	350	350.5	51.94	0.35	0.02	0.1	0
LM-13-04	350.5	351	55.24	0	0	0	0
LM-13-04	351	351.5	67.13	0	0	0	0
LM-13-04	351.5	352	72.35	0.05	0.01	0	0
LM-13-04	352	352.5	51.92	1.39	0.03	0.01	0
LM-13-04	352.5	353	25.24	0	0	0	0
LM-13-04	353	353.5	74.25	0.12	0.03	0	0
LM-13-04	353.5	354	77.66	0	0	0	0
LM-13-04	354	354.5	39.7	1.13	0.07	0.06	0
LM-13-04	354.5	355	27.15	0.03	0	0	0
LM-13-04	355	355.5	78.47	0.02	0	0.03	0
LM-13-04	355.5	356	29.82	0.25	0.02	0	0
LM-13-04	356	356.5	81.43	3.63	0.2	0	0.01
LM-13-04	356.5	357	92.1	0	0	0	0
LM-13-04	357	357.5	67.76	1.27	0.1	0	0
LM-13-04	357.5	358	86.58	0	0	0	0
LM-13-04	358	358.5	66.78	1.18	1.31	0	0
LM-13-04	358.5	359	69.21	0.03	0	0	0
LM-13-04	359	359.5	80.95	1.01	0	0	0
LM-13-04	359.5	360	96.72	1.99	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	343.5	344	0	0	0	0	0
LM-13-04	344	344.5	0	0	0	0	0
LM-13-04	344.5	345	0	0	0	0	0
LM-13-04	345	345.5	0	0	0	0	0
LM-13-04	345.5	346	2337.36	0	0	0	0
LM-13-04	346	346.5	0	0	0	0	0
LM-13-04	346.5	347	0	0	0	0	0
LM-13-04	347	347.5	0	0	1.66	2205.15	0
LM-13-04	347.5	348	0	0	0.93	2207.92	0
LM-13-04	348	348.5	2336.14	0	0	0	0
LM-13-04	348.5	349	2337.11	0	0	0	0
LM-13-04	349	349.5	0	0	0	0	0
LM-13-04	349.5	350	0	0	0.28	2207.17	20
LM-13-04	350	350.5	0	0	0.38	2205.1	0
LM-13-04	350.5	351	0	0	0	0	0
LM-13-04	351	351.5	0	0	0	0	0
LM-13-04	351.5	352	2322.71	0	0	0	0
LM-13-04	352	352.5	2342.95	0	0	0	#DIV/0!
LM-13-04	352.5	353	2332.2	0	0	0	0
LM-13-04	353	353.5	2349.1	0	0	0	0
LM-13-04	353.5	354	0	0	0	0	0
LM-13-04	354	354.5	2333.7	0	0.7	2206.4	0
LM-13-04	354.5	355	2346.12	0	0	0	0
LM-13-04	355	355.5	0	884.34	0.32	2197.06	60
LM-13-04	355.5	356	0	0	0	0	0
LM-13-04	356	356.5	0	0	0	0	0
LM-13-04	356.5	357	0	0	0	0	0
LM-13-04	357	357.5	2347.96	904.91	0	0	0
LM-13-04	357.5	358	0	0	0	0	0
LM-13-04	358	358.5	2344.74	0	0	0	0
LM-13-04	358.5	359	0	0	0	0	0
LM-13-04	359	359.5	0	0	0	0	0
LM-13-04	359.5	360	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	343.5	344	0	0	0	0	0
LM-13-04	344	344.5	0	0	0	0	0
LM-13-04	344.5	345	0	0	0	0	0
LM-13-04	345	345.5	0	0	0	0	0
LM-13-04	345.5	346	0	0	0	0	0
LM-13-04	346	346.5	0	0	0	0	0
LM-13-04	346.5	347	0	0	0	0	0
LM-13-04	347	347.5	0	100	0	0	0
LM-13-04	347.5	348	0	100	0	0	0
LM-13-04	348	348.5	0	0	0	0	0
LM-13-04	348.5	349	0	0	0	0	0
LM-13-04	349	349.5	0	0	0	0	0
LM-13-04	349.5	350	20	20	40	0	0
LM-13-04	350	350.5	20.83	54.17	25	0	0
LM-13-04	350.5	351	0	0	0	0	0
LM-13-04	351	351.5	0	0	0	0	0
LM-13-04	351.5	352	0	0	0	0	0
LM-13-04	352	352.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-04	352.5	353	0	0	0	0	0
LM-13-04	353	353.5	0	0	0	0	0
LM-13-04	353.5	354	0	0	0	0	0
LM-13-04	354	354.5	0	90.91	9.09	0	0
LM-13-04	354.5	355	0	0	0	0	0
LM-13-04	355	355.5	0	40	0	0	0
LM-13-04	355.5	356	0	0	0	0	0
LM-13-04	356	356.5	0	0	0	0	0
LM-13-04	356.5	357	0	0	0	0	0
LM-13-04	357	357.5	0	0	0	0	0
LM-13-04	357.5	358	0	0	0	0	0
LM-13-04	358	358.5	0	0	0	0	0
LM-13-04	358.5	359	0	0	0	0	0
LM-13-04	359	359.5	0	0	0	0	0
LM-13-04	359.5	360	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	343.5	344	0	0	0	0
LM-13-04	344	344.5	0	0	0	0
LM-13-04	344.5	345	0	0	0	0
LM-13-04	345	345.5	0	0	0	0
LM-13-04	345.5	346	0	0	0	0
LM-13-04	346	346.5	0	0	0	0
LM-13-04	346.5	347	0	0	0	0
LM-13-04	347	347.5	0	0	0	0
LM-13-04	347.5	348	0	0	0	0
LM-13-04	348	348.5	0	0	0	0
LM-13-04	348.5	349	0	0	0	0
LM-13-04	349	349.5	0	0	0	0
LM-13-04	349.5	350	0	0	0	0
LM-13-04	350	350.5	0	0	0	0
LM-13-04	350.5	351	0	0	0	0
LM-13-04	351	351.5	0	0	0	0
LM-13-04	351.5	352	0	0	0	0
LM-13-04	352	352.5	0	0	0	0
LM-13-04	352.5	353	0	0	0	0
LM-13-04	353	353.5	0	0	0	0
LM-13-04	353.5	354	0	0	0	0
LM-13-04	354	354.5	0	0	0	0
LM-13-04	354.5	355	0	0	0	0
LM-13-04	355	355.5	0	0	0	0
LM-13-04	355.5	356	0	0	0	0
LM-13-04	356	356.5	0	0	0	0
LM-13-04	356.5	357	0	0	0	0
LM-13-04	357	357.5	0	0	0	0
LM-13-04	357.5	358	0	0	0	0
LM-13-04	358	358.5	0	0	0	0
LM-13-04	358.5	359	0	0	0	0
LM-13-04	359	359.5	0	0	0	0
LM-13-04	359.5	360	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	360	360.5	17309	2.57	7.11	0	0	0.5
LM-13-04	360.5	361	17574	1.3	0.18	0	0	0
LM-13-04	361	361.5	16883	2.61	4.82	0	0	0
LM-13-04	361.5	362	12208	0.43	0.06	0	0	0
LM-13-04	362	362.5	17703	1.8	10.72	0	0	0.53
LM-13-04	362.5	363	16630	0.82	3.48	0	0.01	0.13
LM-13-04	363	363.5	15022	6.02	7.18	0	0.02	1.16
LM-13-04	363.5	364	16956	11.51	2.5	0	0	0
LM-13-04	364	364.5	19558	15.68	7.87	0	0	0.24
LM-13-04	364.5	365	18509	11.3	0.12	0	0	0.08
LM-13-04	365	365.5	13319	15.03	6.83	0	2.41	7.25
LM-13-04	365.5	366	16243	0.36	0.87	0	0	0
LM-13-04	366	366.5	18621	2.51	3.73	0	0	0.2
LM-13-04	366.5	367	19185	3.37	0.27	0	0	0
LM-13-04	367	367.5	7519	1.6	0.47	0	0	0
LM-13-04	367.5	368	15366	2.85	2.56	0	0	0.19
LM-13-04	368	368.5	17261	2.56	1.54	0	0	0
LM-13-04	368.5	369	13644	7.85	3.05	0	0.18	0.92
LM-13-04	369	369.5	7065	16.4	15.8	0	0	3.65
LM-13-04	369.5	370	16510	17.29	2.93	0	0	0.13
LM-13-04	370	370.5	18964	3.92	13.98	0	0	2.49
LM-13-04	370.5	371	19460	10.51	9.11	0	0	0.03
LM-13-04	371	371.5	10939	3.05	1.11	0	1.49	0
LM-13-04	371.5	372	12889	6.46	7.18	0	0.78	5.1
LM-13-04	372	372.5	19498	4.84	26.76	0	0.03	1.64
LM-13-04	372.5	373	3911	0.38	0.66	0	1.2	0
LM-13-04	373	373.5	14334	0.43	2.37	0	0	0.01
LM-13-04	373.5	374	17444	3.28	4.03	0	0	0
LM-13-04	374	374.5	17181	3.79	4.11	0	0	0
LM-13-04	374.5	375	10917	0.05	0.16	0	0	0
LM-13-04	375	375.5	18579	2.99	22.93	0	0	0.6
LM-13-04	375.5	376	18681	3.28	8.12	0	0	0.24
LM-13-04	376	376.5	19740	4.99	33.25	0	0	0.57

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	360	360.5	0	0	0	0	0	0
LM-13-04	360.5	361	0	0	0	0	0	0
LM-13-04	361	361.5	0	0	0	0	0	0
LM-13-04	361.5	362	0.03	0	0	0	0	0.02
LM-13-04	362	362.5	0	0	0	0	0	0
LM-13-04	362.5	363	1.08	0	0	0	0	0
LM-13-04	363	363.5	0.02	0	0	0	0.01	0.11
LM-13-04	363.5	364	0	0	0	0	0	0
LM-13-04	364	364.5	0	0	0	0	0	0
LM-13-04	364.5	365	0.36	0	0	0	0.01	0
LM-13-04	365	365.5	17.86	0	0	0	0.01	0
LM-13-04	365.5	366	0	0	0	0	0	0
LM-13-04	366	366.5	0	0	0	0	0	0
LM-13-04	366.5	367	0	0	0	0	0	0
LM-13-04	367	367.5	0	0	0	0.31	0	0
LM-13-04	367.5	368	0	0	0	0	0	0
LM-13-04	368	368.5	0.87	0	0	0	0	0
LM-13-04	368.5	369	4.13	0	0	0.42	0	0
LM-13-04	369	369.5	0.45	0	0	26.82	0	0
LM-13-04	369.5	370	0.19	0	0	34.85	0	0
LM-13-04	370	370.5	0	0	0	0	0	0
LM-13-04	370.5	371	0.04	0	0	0	0	0
LM-13-04	371	371.5	3.84	0	0.01	0.22	0	0
LM-13-04	371.5	372	6.55	0	0	0	0	0.19
LM-13-04	372	372.5	0.81	0	0	0	0	0.02
LM-13-04	372.5	373	17.08	0	0	0	0	0
LM-13-04	373	373.5	0	0	0	0	0	0
LM-13-04	373.5	374	0	0	0	0	0	0
LM-13-04	374	374.5	0	0	0	0	0	0
LM-13-04	374.5	375	0	0	0	0	0	0
LM-13-04	375	375.5	0	0	0	0	0	0.01
LM-13-04	375.5	376	0	0	0	0	0	0
LM-13-04	376	376.5	0.02	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	360	360.5	0	0	0	0	10.96
LM-13-04	360.5	361	0	0	0	0	2.05
LM-13-04	361	361.5	0	0	0	0	10.85
LM-13-04	361.5	362	0	0	0	0	0.46
LM-13-04	362	362.5	0	0	0	0	10.58
LM-13-04	362.5	363	0	0	0	0	0.79
LM-13-04	363	363.5	0	0.01	0	0	10.97
LM-13-04	363.5	364	0	0	0	0	0.1
LM-13-04	364	364.5	0	0	0	0	5.93
LM-13-04	364.5	365	0.01	0.02	0	0.01	2.63
LM-13-04	365	365.5	1.12	3.77	0	0.08	14.1
LM-13-04	365.5	366	0	0	0	0	0
LM-13-04	366	366.5	0	0	0	0	0.83
LM-13-04	366.5	367	0	0	0	0	0.16
LM-13-04	367	367.5	0	0	0	0	0.63
LM-13-04	367.5	368	0	0	0	0	17.65
LM-13-04	368	368.5	0	0.14	0	0.02	3.17
LM-13-04	368.5	369	0.01	0.01	0	0.19	9.28
LM-13-04	369	369.5	0	0	0	1.16	0.93
LM-13-04	369.5	370	0	0	0	3.46	0.27
LM-13-04	370	370.5	0	0	0	0	15.53
LM-13-04	370.5	371	0	0	0	0	1.99
LM-13-04	371	371.5	0	0	0	0	0.88
LM-13-04	371.5	372	0	0	0	0	29.04
LM-13-04	372	372.5	0	0	0	0	11.3
LM-13-04	372.5	373	0.56	0	0	0	4.22
LM-13-04	373	373.5	0	0	0	0	4.12
LM-13-04	373.5	374	0	0	0	0	6.26
LM-13-04	374	374.5	0	0	0	0	2
LM-13-04	374.5	375	0	0	0	0	0.26
LM-13-04	375	375.5	0	0	0	0	11.2
LM-13-04	375.5	376	0	0	0	0	3.39
LM-13-04	376	376.5	0	0	0	0	9.48

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	360	360.5	78.66	0	0	0	0
LM-13-04	360.5	361	96.47	0	0	0	0
LM-13-04	361	361.5	81.73	0	0	0	0
LM-13-04	361.5	362	99.02	0.07	0	0	0
LM-13-04	362	362.5	73.28	0.05	0.05	0	0
LM-13-04	362.5	363	87.79	0.02	0	0	0
LM-13-04	363	363.5	71.38	0.13	3.51	0	0
LM-13-04	363.5	364	71.11	0	0	0	0
LM-13-04	364	364.5	58.95	0.01	0	0	0
LM-13-04	364.5	365	72.91	1.32	0.3	0	0
LM-13-04	365	365.5	20.08	12.15	0.6	2.03	0.14
LM-13-04	365.5	366	95.03	0	0	0	0
LM-13-04	366	366.5	84.65	0.06	0.01	0	0
LM-13-04	366.5	367	71.56	0	0	0	0
LM-13-04	367	367.5	79.72	0	0	0	0
LM-13-04	367.5	368	72.22	0.17	0	0	0
LM-13-04	368	368.5	92	0.43	0	0	0
LM-13-04	368.5	369	74.72	0.7	0	0	0
LM-13-04	369	369.5	24.08	0.13	0.04	0	0
LM-13-04	369.5	370	37.02	0.01	0	0	0
LM-13-04	370	370.5	63.98	0.01	0	0	0
LM-13-04	370.5	371	78.3	0.14	0.02	0	0
LM-13-04	371	371.5	84.08	0.38	0	0	0
LM-13-04	371.5	372	41.07	3.36	0.99	0	0
LM-13-04	372	372.5	53.81	0.66	0.17	0	0
LM-13-04	372.5	373	79.8	2.05	0	0	0
LM-13-04	373	373.5	79.95	0.14	0.22	0	0
LM-13-04	373.5	374	80.38	0	0	0	0
LM-13-04	374	374.5	85.11	0	0.03	0	0
LM-13-04	374.5	375	65.7	0	0	0	0
LM-13-04	375	375.5	62.79	0	0.01	0	0
LM-13-04	375.5	376	85.2	0	0	0	0
LM-13-04	376	376.5	51.64	0.01	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	360	360.5	0	0	0	0	0
LM-13-04	360.5	361	0	0	0	0	0
LM-13-04	361	361.5	0	0	0	0	0
LM-13-04	361.5	362	0	0	0	0	0
LM-13-04	362	362.5	0	0	0	0	0
LM-13-04	362.5	363	2347.32	0	0	0	0
LM-13-04	363	363.5	0	881.63	0	0	0
LM-13-04	363.5	364	0	0	0	0	0
LM-13-04	364	364.5	0	0	0	0	0
LM-13-04	364.5	365	0	963.6	0	0	0
LM-13-04	365	365.5	2340.62	940.51	0.57	2205.21	0
LM-13-04	365.5	366	0	0	0	0	0
LM-13-04	366	366.5	0	0	0	0	0
LM-13-04	366.5	367	0	0	0	0	0
LM-13-04	367	367.5	0	0	0	0	0
LM-13-04	367.5	368	0	0	0	0	0
LM-13-04	368	368.5	0	0	0	0	0
LM-13-04	368.5	369	2344.55	0	0	0	0
LM-13-04	369	369.5	0	0	0	0	0
LM-13-04	369.5	370	0	0	0	0	0
LM-13-04	370	370.5	0	0	0	0	0
LM-13-04	370.5	371	0	0	0	0	0
LM-13-04	371	371.5	2348.89	0	0	0	0
LM-13-04	371.5	372	2343.86	877.33	0	0	0
LM-13-04	372	372.5	2347.51	934.84	0	0	0
LM-13-04	372.5	373	2345.51	0	0	0	0
LM-13-04	373	373.5	0	0	0	0	0
LM-13-04	373.5	374	0	0	0	0	0
LM-13-04	374	374.5	0	0	0	0	0
LM-13-04	374.5	375	0	0	0	0	0
LM-13-04	375	375.5	0	936	0	0	0
LM-13-04	375.5	376	0	0	0	0	0
LM-13-04	376	376.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	360	360.5	0	0	0	0	0
LM-13-04	360.5	361	0	0	0	0	0
LM-13-04	361	361.5	0	0	0	0	0
LM-13-04	361.5	362	0	0	0	0	0
LM-13-04	362	362.5	0	0	0	0	0
LM-13-04	362.5	363	0	0	0	0	0
LM-13-04	363	363.5	0	0	0	0	0
LM-13-04	363.5	364	0	0	0	0	0
LM-13-04	364	364.5	0	0	0	0	0
LM-13-04	364.5	365	0	0	0	0	0
LM-13-04	365	365.5	0	93.19	6.81	0	0
LM-13-04	365.5	366	0	0	0	0	0
LM-13-04	366	366.5	0	0	0	0	0
LM-13-04	366.5	367	0	0	0	0	0
LM-13-04	367	367.5	0	0	0	0	0
LM-13-04	367.5	368	0	0	0	0	0
LM-13-04	368	368.5	0	0	0	0	0
LM-13-04	368.5	369	0	0	0	0	0
LM-13-04	369	369.5	0	0	0	0	0
LM-13-04	369.5	370	0	0	0	0	0
LM-13-04	370	370.5	0	0	0	0	0
LM-13-04	370.5	371	0	0	0	0	0
LM-13-04	371	371.5	0	0	0	0	0
LM-13-04	371.5	372	0	0	0	0	0
LM-13-04	372	372.5	0	0	0	0	0
LM-13-04	372.5	373	0	0	0	0	0
LM-13-04	373	373.5	0	0	0	0	0
LM-13-04	373.5	374	0	0	0	0	0
LM-13-04	374	374.5	0	0	0	0	0
LM-13-04	374.5	375	0	0	0	0	0
LM-13-04	375	375.5	0	0	0	0	0
LM-13-04	375.5	376	0	0	0	0	0
LM-13-04	376	376.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	360	360.5	0	0	0	0
LM-13-04	360.5	361	0	0	0	0
LM-13-04	361	361.5	0	0	0	0
LM-13-04	361.5	362	0	0	0	0
LM-13-04	362	362.5	0	0	0	0
LM-13-04	362.5	363	0	0	0	0
LM-13-04	363	363.5	0	0	0	0
LM-13-04	363.5	364	0	0	0	0
LM-13-04	364	364.5	0	0	0	0
LM-13-04	364.5	365	0	0	0	0
LM-13-04	365	365.5	0	0	0	0
LM-13-04	365.5	366	0	0	0	0
LM-13-04	366	366.5	0	0	0	0
LM-13-04	366.5	367	0	0	0	0
LM-13-04	367	367.5	0	0	0	0
LM-13-04	367.5	368	0	0	0	0
LM-13-04	368	368.5	0	0	0	0
LM-13-04	368.5	369	0	0	0	0
LM-13-04	369	369.5	0	0	0	0
LM-13-04	369.5	370	0	0	0	0
LM-13-04	370	370.5	0	0	0	0
LM-13-04	370.5	371	0	0	0	0
LM-13-04	371	371.5	0	0	0	0
LM-13-04	371.5	372	0	0	0	0
LM-13-04	372	372.5	0	0	0	0
LM-13-04	372.5	373	0	0	0	0
LM-13-04	373	373.5	0	0	0	0
LM-13-04	373.5	374	0	0	0	0
LM-13-04	374	374.5	0	0	0	0
LM-13-04	374.5	375	0	0	0	0
LM-13-04	375	375.5	0	0	0	0
LM-13-04	375.5	376	0	0	0	0
LM-13-04	376	376.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	376.5	377	15613	2.22	4.3	0	0	0.06
LM-13-04	377	377.5	19064	5.76	26.33	0	0	1.47
LM-13-04	377.5	378	18998	4.15	13.4	0	0	0.94
LM-13-04	378	378.5	18958	4.46	18.48	0	0	0.61
LM-13-04	378.5	379	9363	4.48	25.75	0	0	0.87
LM-13-04	379	379.5	19139	2.37	11.87	0	0	2.13
LM-13-04	379.5	380	18182	3.05	8.86	0	0	1.02
LM-13-04	380	380.5	10052	9.03	48.64	0	0	1.63
LM-13-04	380.5	381	12591	6.5	30.83	0	0	1
LM-13-04	381	381.5	19740	5.48	24.86	0	0	2.97
LM-13-04	381.5	382	19156	5.99	18.64	0	0	0.38
LM-13-04	382	382.5	13898	8.45	9.79	0	0	1.58
LM-13-04	382.5	383	17373	3.35	45.35	0	0	2.15
LM-13-04	383	383.5	20420	5.12	16.28	0	0	0.28
LM-13-04	383.5	384	20645	5.78	12.63	0	0	0.52
LM-13-04	384	384.5	11881	6.98	21.73	0	0	0.09
LM-13-04	384.5	385	14471	4.01	12.09	0	0	4.04
LM-13-04	385	385.5	16555	13.4	12.79	0	0	2.86
LM-13-04	385.5	386	13157	6.96	12.18	0	0	3.47
LM-13-04	386	386.5	11010	5.13	1.95	0	0	0.44
LM-13-04	386.5	387	14424	5.24	0	0	0	0.01
LM-13-04	387	387.5	14506	7.99	5.71	0	0	0.86
LM-13-04	387.5	388	1202	0	0	0	0	0
LM-13-04	388	388.5	20496	6.08	35.49	0	0	13
LM-13-04	388.5	389	19420	4.09	38.26	0	0.02	4.88
LM-13-04	389	389.5	16395	8.55	15.6	0	0	0
LM-13-04	389.5	390	4694	0.11	4.73	0	0	0
LM-13-04	390	390.5	20490	8.63	11.38	0	0	0.58
LM-13-04	390.5	391	20414	5.52	40.66	0	0	5.91
LM-13-04	391	391.5	11352	4.04	13.23	0	0	0.17
LM-13-04	391.5	392	16278	4.05	13.66	0	0	0.1
LM-13-04	392	392.5	20054	3.76	2.31	0	0	0
LM-13-04	392.5	393	16491	12.83	3.08	0	0	0

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	376.5	377	0.48	0	0	0	0	0.08
LM-13-04	377	377.5	0	0	0	0	0	0
LM-13-04	377.5	378	0	0	0	0	0	0
LM-13-04	378	378.5	0	0	0	0	0	0
LM-13-04	378.5	379	0	0	0	0	0	0
LM-13-04	379	379.5	0	0	0	0	0	0
LM-13-04	379.5	380	0.01	0	0	0	0	0
LM-13-04	380	380.5	0	0	0	0	0	0.04
LM-13-04	380.5	381	0	0	0	0	0	0
LM-13-04	381	381.5	0	0	0	0	0	0
LM-13-04	381.5	382	0	0	0	0	0	0
LM-13-04	382	382.5	0	0	0.01	0	0	0.11
LM-13-04	382.5	383	0	0	0	0	0	0
LM-13-04	383	383.5	0	0	0	0	0	0
LM-13-04	383.5	384	0	0	0	0	0	0
LM-13-04	384	384.5	0	0	0	0	0	0.02
LM-13-04	384.5	385	0	0	0	0	0	0
LM-13-04	385	385.5	0	0	0	0	0	0
LM-13-04	385.5	386	0	0	0	0	0	0
LM-13-04	386	386.5	0	0	0	0	0	0
LM-13-04	386.5	387	0	0	0	0	0	0
LM-13-04	387	387.5	0	0	0	0	0	0.01
LM-13-04	387.5	388	0	0	0	0	0	0
LM-13-04	388	388.5	2.89	0	0	0	0	0
LM-13-04	388.5	389	0.14	0	0	0	0	0
LM-13-04	389	389.5	0	0	0	0	0	0
LM-13-04	389.5	390	0	0	0	0	0	0
LM-13-04	390	390.5	0.02	0	0	0	0	0
LM-13-04	390.5	391	0.02	0	0	0	0	0
LM-13-04	391	391.5	1.54	0	0	0	0	0
LM-13-04	391.5	392	0	0	0	0	0	0
LM-13-04	392	392.5	0	0	0	0	0	0
LM-13-04	392.5	393	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	376.5	377	0	0	0	0	1.89
LM-13-04	377	377.5	0	0	0	0	12.6
LM-13-04	377.5	378	0	0	0	0	0.42
LM-13-04	378	378.5	0	0	0	0	1.91
LM-13-04	378.5	379	0	0	0	0	4.98
LM-13-04	379	379.5	0	0	0	0.64	3.97
LM-13-04	379.5	380	0	0.02	0	0	4.18
LM-13-04	380	380.5	0	0.26	0	0	13.87
LM-13-04	380.5	381	0	0	0	0	3.12
LM-13-04	381	381.5	0	0	0	0	4.15
LM-13-04	381.5	382	0	0	0	0	3.5
LM-13-04	382	382.5	0	0	0	0	4.89
LM-13-04	382.5	383	0	0	0	0	0.03
LM-13-04	383	383.5	0	0	0	0	0.12
LM-13-04	383.5	384	0	0	0	0	0.26
LM-13-04	384	384.5	0	0	0	0	1.11
LM-13-04	384.5	385	0	1.03	0	0	2.97
LM-13-04	385	385.5	0	0	0	0	4.03
LM-13-04	385.5	386	0	0	0	0	1.88
LM-13-04	386	386.5	0	0	0	0	6.78
LM-13-04	386.5	387	0	0	0	0	0.26
LM-13-04	387	387.5	0	0	0	0	3.43
LM-13-04	387.5	388	0	0	0	0	0
LM-13-04	388	388.5	0	0	0	0	5.04
LM-13-04	388.5	389	0	0	0	0	2.62
LM-13-04	389	389.5	0	0	0	0	1.9
LM-13-04	389.5	390	0	0	0	0	7.99
LM-13-04	390	390.5	0	0	0	0	5.37
LM-13-04	390.5	391	0	0	0	0	3.33
LM-13-04	391	391.5	0	0	0	0	5.73
LM-13-04	391.5	392	0	0.07	0	0	6.71
LM-13-04	392	392.5	0	0	0	0	0.3
LM-13-04	392.5	393	0	0	0	0	0.84

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	376.5	377	88.7	0.21	0	0	0
LM-13-04	377	377.5	54.19	0.02	0.09	0	0
LM-13-04	377.5	378	80.69	0.01	0	0	0
LM-13-04	378	378.5	74.04	0.02	0	0	0
LM-13-04	378.5	379	64.67	0	0	0	0
LM-13-04	379	379.5	77.32	0.03	0	0	0
LM-13-04	379.5	380	77.72	0	0.16	0	0
LM-13-04	380	380.5	28.27	0.02	0.39	0	0
LM-13-04	380.5	381	59.39	0.02	0	0	0
LM-13-04	381	381.5	61.36	0	0	0	0
LM-13-04	381.5	382	71.81	0	0.02	0	0
LM-13-04	382	382.5	74.41	0.01	0.01	0	0
LM-13-04	382.5	383	42.16	0	0	0	0
LM-13-04	383	383.5	78.39	0	0	0	0
LM-13-04	383.5	384	80.68	0	0	0	0
LM-13-04	384	384.5	65.05	0	0	0	0
LM-13-04	384.5	385	64.55	0	0	0	0
LM-13-04	385	385.5	59.32	0	0	0	0
LM-13-04	385.5	386	66.77	0.02	0	0	0
LM-13-04	386	386.5	73.81	0	0.05	0	0
LM-13-04	386.5	387	85.96	0	0	0	0
LM-13-04	387	387.5	69.46	0	0	0.01	0
LM-13-04	387.5	388	0	0	0	0	0
LM-13-04	388	388.5	31.48	0.98	0.1	0.13	0
LM-13-04	388.5	389	47.94	0.49	0.01	0	0
LM-13-04	389	389.5	72.39	0.01	0	0	0
LM-13-04	389.5	390	82.62	0	0	0	0
LM-13-04	390	390.5	74.82	0.09	0.12	0	0
LM-13-04	390.5	391	42.57	0.13	0.01	0.01	0
LM-13-04	391	391.5	75.41	0.37	0.31	0	0
LM-13-04	391.5	392	62.33	0	0	0	0
LM-13-04	392	392.5	84.24	0	0	0	0
LM-13-04	392.5	393	64.09	0	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	376.5	377	0	948	0	0	0
LM-13-04	377	377.5	0	0	0	0	0
LM-13-04	377.5	378	0	0	0	0	0
LM-13-04	378	378.5	0	0	0	0	0
LM-13-04	378.5	379	0	0	0	0	0
LM-13-04	379	379.5	0	0	0	0	0
LM-13-04	379.5	380	0	0	0	0	0
LM-13-04	380	380.5	0	0	0	0	0
LM-13-04	380.5	381	0	0	0	0	0
LM-13-04	381	381.5	0	0	0	0	0
LM-13-04	381.5	382	0	0	0	0	0
LM-13-04	382	382.5	0	0	0	0	0
LM-13-04	382.5	383	0	0	0	0	0
LM-13-04	383	383.5	0	0	0	0	0
LM-13-04	383.5	384	0	0	0	0	0
LM-13-04	384	384.5	0	0	0	0	0
LM-13-04	384.5	385	0	0	0	0	0
LM-13-04	385	385.5	0	0	0	0	0
LM-13-04	385.5	386	0	0	0	0	0
LM-13-04	386	386.5	0	0	0	0	0
LM-13-04	386.5	387	0	0	0	0	0
LM-13-04	387	387.5	0	888	0.82	2204.65	0
LM-13-04	387.5	388	0	0	0	0	0
LM-13-04	388	388.5	2316	0	0.41	2207.22	7.41
LM-13-04	388.5	389	0	0	0	0	0
LM-13-04	389	389.5	0	0	0	0	0
LM-13-04	389.5	390	0	0	0	0	0
LM-13-04	390	390.5	0	0	0	0	0
LM-13-04	390.5	391	0	0	0.27	2219.3	50
LM-13-04	391	391.5	0	0	0	0	0
LM-13-04	391.5	392	0	0	0	0	0
LM-13-04	392	392.5	0	0	0	0	0
LM-13-04	392.5	393	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	376.5	377	0	0	0	0	0
LM-13-04	377	377.5	0	0	0	0	0
LM-13-04	377.5	378	0	0	0	0	0
LM-13-04	378	378.5	0	0	0	0	0
LM-13-04	378.5	379	0	0	0	0	0
LM-13-04	379	379.5	0	0	0	0	0
LM-13-04	379.5	380	0	0	0	0	0
LM-13-04	380	380.5	0	0	0	0	0
LM-13-04	380.5	381	0	0	0	0	0
LM-13-04	381	381.5	0	0	0	0	0
LM-13-04	381.5	382	0	0	0	0	0
LM-13-04	382	382.5	0	0	0	0	0
LM-13-04	382.5	383	0	0	0	0	0
LM-13-04	383	383.5	0	0	0	0	0
LM-13-04	383.5	384	0	0	0	0	0
LM-13-04	384	384.5	0	0	0	0	0
LM-13-04	384.5	385	0	0	0	0	0
LM-13-04	385	385.5	0	0	0	0	0
LM-13-04	385.5	386	0	0	0	0	0
LM-13-04	386	386.5	0	0	0	0	0
LM-13-04	386.5	387	0	0	0	0	0
LM-13-04	387	387.5	0	100	0	0	0
LM-13-04	387.5	388	0	0	0	0	0
LM-13-04	388	388.5	0	40.74	51.85	0	0
LM-13-04	388.5	389	0	0	0	0	0
LM-13-04	389	389.5	0	0	0	0	0
LM-13-04	389.5	390	0	0	0	0	0
LM-13-04	390	390.5	0	0	0	0	0
LM-13-04	390.5	391	0	0	0	50	0
LM-13-04	391	391.5	0	0	0	0	0
LM-13-04	391.5	392	0	0	0	0	0
LM-13-04	392	392.5	0	0	0	0	0
LM-13-04	392.5	393	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	376.5	377	0	0	0	0
LM-13-04	377	377.5	0	0	0	0
LM-13-04	377.5	378	0	0	0	0
LM-13-04	378	378.5	0	0	0	0
LM-13-04	378.5	379	0	0	0	0
LM-13-04	379	379.5	0	0	0	0
LM-13-04	379.5	380	0	0	0	0
LM-13-04	380	380.5	0	0	0	0
LM-13-04	380.5	381	0	0	0	0
LM-13-04	381	381.5	0	0	0	0
LM-13-04	381.5	382	0	0	0	0
LM-13-04	382	382.5	0	0	0	0
LM-13-04	382.5	383	0	0	0	0
LM-13-04	383	383.5	0	0	0	0
LM-13-04	383.5	384	0	0	0	0
LM-13-04	384	384.5	0	0	0	0
LM-13-04	384.5	385	0	0	0	0
LM-13-04	385	385.5	0	0	0	0
LM-13-04	385.5	386	0	0	0	0
LM-13-04	386	386.5	0	0	0	0
LM-13-04	386.5	387	0	0	0	0
LM-13-04	387	387.5	0	0	0	0
LM-13-04	387.5	388	0	0	0	0
LM-13-04	388	388.5	0	0	0	0
LM-13-04	388.5	389	0	0	0	0
LM-13-04	389	389.5	0	0	0	0
LM-13-04	389.5	390	0	0	0	0
LM-13-04	390	390.5	0	0	0	0
LM-13-04	390.5	391	0	0	0	0
LM-13-04	391	391.5	0	0	0	0
LM-13-04	391.5	392	0	0	0	0
LM-13-04	392	392.5	0	0	0	0
LM-13-04	392.5	393	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	393	393.5	12856	2.22	3.87	0	0	0.25
LM-13-04	393.5	394	20735	15.84	18.46	0	0	0.84
LM-13-04	394	394.5	20758	1.04	22.86	0	0	2.7
LM-13-04	394.5	395	14562	24.22	15.41	0	0	0.03
LM-13-04	395	395.5	21142	5.08	7.44	0	0	0.05
LM-13-04	395.5	396	21681	4.99	15.42	0	0	0.02
LM-13-04	396	396.5	20056	5.16	6.89	0	0	0
LM-13-04	396.5	397	12679	19.17	8.46	0	0	0.32
LM-13-04	397	397.5	21274	5.82	16.56	0	0	0
LM-13-04	397.5	398	19227	4.2	31.38	0	0	2.71
LM-13-04	398	398.5	16305	10.33	22.09	0	0	2.65
LM-13-04	398.5	399	20965	4.64	5.38	0	0	0.66
LM-13-04	399	399.5	19893	4.18	23.85	0	0	2.26
LM-13-04	399.5	400	17105	3.16	36.98	0	0	10.88
LM-13-04	400	400.5	15894	10.04	7.43	0	0	0
LM-13-04	400.5	401	19575	1.96	4.89	0	0	0.82
LM-13-04	401	401.5	20389	2.89	5.81	0	0	1.53
LM-13-04	401.5	402	12176	6.39	19.73	0	0	1.69
LM-13-04	402	402.5	18504	12.01	14.48	0	0	0.53
LM-13-04	402.5	403	15511	3.25	9.97	0	0	0.93
LM-13-04	403	403.5	19463	7.83	26.4	0	0	2.51
LM-13-04	403.5	404	12825	6.43	34.51	0	0	6.16
LM-13-04	404	404.5	19486	3.15	17.74	0	0	0.09
LM-13-04	404.5	405	20818	3.11	44.36	0	0	3.99
LM-13-04	405	405.5	9992	1.73	27.11	0	0	0.01
LM-13-04	405.5	406	19989	10.13	44.73	0	0	0.72
LM-13-04	406	406.5	20762	9.39	18.85	0	0	0.01
LM-13-04	406.5	407	20445	2.6	15.08	0	0	0.21
LM-13-04	407	407.5	14308	4.58	31.78	0	0	7.95
LM-13-04	407.5	408	20385	4.84	34.02	0	0	0.75
LM-13-04	408	408.5	20820	6.6	40.42	0	0	5.46
LM-13-04	408.5	409	15355	4.08	61.25	0	0	4.01
LM-13-04	409	409.5	15398	5.79	47.85	0	0	0.98

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	393	393.5	0	0	0.01	0	0	0
LM-13-04	393.5	394	0.03	0	0	0	0	0
LM-13-04	394	394.5	0	0	0	0	0	0
LM-13-04	394.5	395	0	0	0	0	0	0
LM-13-04	395	395.5	0	0	0	0	0	0
LM-13-04	395.5	396	0.12	0	0	0	0	0
LM-13-04	396	396.5	0.02	0	0	0	0	0
LM-13-04	396.5	397	0	0	0	0	0	0
LM-13-04	397	397.5	0	0	0	0	0	0
LM-13-04	397.5	398	0.03	0	0	0	0	0
LM-13-04	398	398.5	0.04	0	0	0	0	0
LM-13-04	398.5	399	0	0	0	0	0	0.01
LM-13-04	399	399.5	0.01	0	0	0	0	0
LM-13-04	399.5	400	0.01	0	0	0	0	0
LM-13-04	400	400.5	0.4	0	0	0	0	0
LM-13-04	400.5	401	0.07	0	0	0	0	0
LM-13-04	401	401.5	0.26	0	0	0	0	0
LM-13-04	401.5	402	0	0	0	0	0	0
LM-13-04	402	402.5	0	0	0	0	0	0
LM-13-04	402.5	403	0	0	0	0	0	0
LM-13-04	403	403.5	0	0	0	0	0	0
LM-13-04	403.5	404	0.19	0	0	0	0	0
LM-13-04	404	404.5	0.01	0	0	0	0	0
LM-13-04	404.5	405	0	0	0	0	0	0
LM-13-04	405	405.5	0	0	0	0	0	0
LM-13-04	405.5	406	0.12	0	0	0	0	0
LM-13-04	406	406.5	0	0	0	0	0	0
LM-13-04	406.5	407	0	0	0	0	0	0
LM-13-04	407	407.5	0	0	0	0	0	0
LM-13-04	407.5	408	0	0	0	0	0	0.01
LM-13-04	408	408.5	0	0	0	0	0	0
LM-13-04	408.5	409	0	0	0	0	0	0
LM-13-04	409	409.5	0.22	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	393	393.5	0	0	0	0	1.33
LM-13-04	393.5	394	0	0	0	0	2.57
LM-13-04	394	394.5	0	0	0	0	1.3
LM-13-04	394.5	395	0	0	0	0	0.98
LM-13-04	395	395.5	0	0	0	0	3.17
LM-13-04	395.5	396	0	0	0	0	1.55
LM-13-04	396	396.5	0	0	0	0	1.66
LM-13-04	396.5	397	0	0	0	0	4.93
LM-13-04	397	397.5	0	0	0	0	0.79
LM-13-04	397.5	398	0	0	0	0	2.78
LM-13-04	398	398.5	0	0.07	0	0	5.82
LM-13-04	398.5	399	0	0	0	0	2.12
LM-13-04	399	399.5	0.01	0.01	0	0	3.75
LM-13-04	399.5	400	0	0	0	0	8.54
LM-13-04	400	400.5	0	0	0	0	3.28
LM-13-04	400.5	401	0.4	0.1	0	0.12	4.12
LM-13-04	401	401.5	0	0.1	0	0	2.81
LM-13-04	401.5	402	0	0	0	0	5.03
LM-13-04	402	402.5	0	0	0	0	0.44
LM-13-04	402.5	403	0	0	0	0	3.49
LM-13-04	403	403.5	0	0	0	0	0.57
LM-13-04	403.5	404	0	0	0	0	1.13
LM-13-04	404	404.5	0	0	0	0	3.09
LM-13-04	404.5	405	0	0	0	0	0.47
LM-13-04	405	405.5	0	0	0	0	0.9
LM-13-04	405.5	406	0	0	0	0	0.16
LM-13-04	406	406.5	0	0	0	0	1.82
LM-13-04	406.5	407	0	0	0	0	1.07
LM-13-04	407	407.5	0	0	0	0	0.84
LM-13-04	407.5	408	0	0	0	0	1.78
LM-13-04	408	408.5	0	0	0	0	1.2
LM-13-04	408.5	409	0.01	0	0	0	0.26
LM-13-04	409	409.5	0	0	0	0	1.66

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	393	393.5	82.7	0	0	0	0
LM-13-04	393.5	394	68.34	0	0	0	0
LM-13-04	394	394.5	72.84	0.01	0	0	0
LM-13-04	394.5	395	38.86	0	0	0	0
LM-13-04	395	395.5	72.94	0.02	0	0	0
LM-13-04	395.5	396	68.9	0.05	0	0	0
LM-13-04	396	396.5	82.51	0.01	0	0	0
LM-13-04	396.5	397	57.54	0	0.24	0	0
LM-13-04	397	397.5	69.73	0	0	0	0
LM-13-04	397.5	398	48.13	0.15	0.01	0	0
LM-13-04	398	398.5	49.61	0.07	0	0	0
LM-13-04	398.5	399	86.82	0	0.02	0	0
LM-13-04	399	399.5	65.49	0.01	0	0	0
LM-13-04	399.5	400	36.32	0.29	0	0	0
LM-13-04	400	400.5	74.51	0.52	0.08	0	0
LM-13-04	400.5	401	87.15	0.74	0	0.01	0
LM-13-04	401	401.5	85.99	0.19	0.01	0	0
LM-13-04	401.5	402	56.4	0	0	0	0
LM-13-04	402	402.5	66.01	0	0	0	0
LM-13-04	402.5	403	77.73	0.05	0	0	0
LM-13-04	403	403.5	61.84	0	0	0.01	0
LM-13-04	403.5	404	43.77	0.95	0.02	0	0
LM-13-04	404	404.5	76	0.03	0.04	0	0
LM-13-04	404.5	405	46.59	0.04	0	0	0
LM-13-04	405	405.5	58.65	0	0	0	0
LM-13-04	405.5	406	43.59	0.03	0	0	0
LM-13-04	406	406.5	69.93	0	0	0	0
LM-13-04	406.5	407	81.23	0	0	0	0
LM-13-04	407	407.5	46.8	0.01	0.19	0	0
LM-13-04	407.5	408	58.4	0	0	0	0
LM-13-04	408	408.5	43.56	0	0	0	0
LM-13-04	408.5	409	29.07	0	0	0	0
LM-13-04	409	409.5	40.23	0.24	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	393	393.5	0	0	0	0	0
LM-13-04	393.5	394	0	0	0	0	0
LM-13-04	394	394.5	0	0	0	0	0
LM-13-04	394.5	395	0	0	0	0	0
LM-13-04	395	395.5	0	0	0	0	0
LM-13-04	395.5	396	0	0	0	0	0
LM-13-04	396	396.5	0	0	0	0	0
LM-13-04	396.5	397	0	0	0	0	0
LM-13-04	397	397.5	0	0	0	0	0
LM-13-04	397.5	398	0	0	0	0	0
LM-13-04	398	398.5	0	0	0	0	0
LM-13-04	398.5	399	0	0	0	0	0
LM-13-04	399	399.5	0	0	0	0	0
LM-13-04	399.5	400	0	0	0	0	0
LM-13-04	400	400.5	0	0	0	0	0
LM-13-04	400.5	401	0	0	0.62	2206.79	0
LM-13-04	401	401.5	0	0	0	0	0
LM-13-04	401.5	402	0	0	0	0	0
LM-13-04	402	402.5	0	0	0	0	0
LM-13-04	402.5	403	0	0	0	0	0
LM-13-04	403	403.5	0	0	0.28	2201.98	0
LM-13-04	403.5	404	0	0	0	0	0
LM-13-04	404	404.5	0	0	0	0	0
LM-13-04	404.5	405	0	0	0	0	0
LM-13-04	405	405.5	0	0	0	0	0
LM-13-04	405.5	406	0	0	0	0	0
LM-13-04	406	406.5	0	0	0	0	0
LM-13-04	406.5	407	0	0	0	0	0
LM-13-04	407	407.5	0	0	0	0	0
LM-13-04	407.5	408	0	880	0	0	0
LM-13-04	408	408.5	0	0	0	0	0
LM-13-04	408.5	409	0	0	0	0	0
LM-13-04	409	409.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	393	393.5	0	0	0	0	0
LM-13-04	393.5	394	0	0	0	0	0
LM-13-04	394	394.5	0	0	0	0	0
LM-13-04	394.5	395	0	0	0	0	0
LM-13-04	395	395.5	0	0	0	0	0
LM-13-04	395.5	396	0	0	0	0	0
LM-13-04	396	396.5	0	0	0	0	0
LM-13-04	396.5	397	0	0	0	0	0
LM-13-04	397	397.5	0	0	0	0	0
LM-13-04	397.5	398	0	0	0	0	0
LM-13-04	398	398.5	0	0	0	0	0
LM-13-04	398.5	399	0	0	0	0	0
LM-13-04	399	399.5	0	0	0	0	0
LM-13-04	399.5	400	0	0	0	0	0
LM-13-04	400	400.5	0	0	0	0	0
LM-13-04	400.5	401	0	100	0	0	0
LM-13-04	401	401.5	0	0	0	0	0
LM-13-04	401.5	402	0	0	0	0	0
LM-13-04	402	402.5	0	0	0	0	0
LM-13-04	402.5	403	0	0	0	0	0
LM-13-04	403	403.5	0	100	0	0	0
LM-13-04	403.5	404	0	0	0	0	0
LM-13-04	404	404.5	0	0	0	0	0
LM-13-04	404.5	405	0	0	0	0	0
LM-13-04	405	405.5	0	0	0	0	0
LM-13-04	405.5	406	0	0	0	0	0
LM-13-04	406	406.5	0	0	0	0	0
LM-13-04	406.5	407	0	0	0	0	0
LM-13-04	407	407.5	0	0	0	0	0
LM-13-04	407.5	408	0	0	0	0	0
LM-13-04	408	408.5	0	0	0	0	0
LM-13-04	408.5	409	0	0	0	0	0
LM-13-04	409	409.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	393	393.5	0	0	0	0
LM-13-04	393.5	394	0	0	0	0
LM-13-04	394	394.5	0	0	0	0
LM-13-04	394.5	395	0	0	0	0
LM-13-04	395	395.5	0	0	0	0
LM-13-04	395.5	396	0	0	0	0
LM-13-04	396	396.5	0	0	0	0
LM-13-04	396.5	397	0	0	0	0
LM-13-04	397	397.5	0	0	0	0
LM-13-04	397.5	398	0	0	0	0
LM-13-04	398	398.5	0	0	0	0
LM-13-04	398.5	399	0	0	0	0
LM-13-04	399	399.5	0	0	0	0
LM-13-04	399.5	400	0	0	0	0
LM-13-04	400	400.5	0	0	0	0
LM-13-04	400.5	401	0	0	0	0
LM-13-04	401	401.5	0	0	0	0
LM-13-04	401.5	402	0	0	0	0
LM-13-04	402	402.5	0	0	0	0
LM-13-04	402.5	403	0	0	0	0
LM-13-04	403	403.5	0	0	0	0
LM-13-04	403.5	404	0	0	0	0
LM-13-04	404	404.5	0	0	0	0
LM-13-04	404.5	405	0	0	0	0
LM-13-04	405	405.5	0	0	0	0
LM-13-04	405.5	406	0	0	0	0
LM-13-04	406	406.5	0	0	0	0
LM-13-04	406.5	407	0	0	0	0
LM-13-04	407	407.5	0	0	0	0
LM-13-04	407.5	408	0	0	0	0
LM-13-04	408	408.5	0	0	0	0
LM-13-04	408.5	409	0	0	0	0
LM-13-04	409	409.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	409.5	410	22080	7.27	39.29	0	0	3.81
LM-13-04	410	410.5	19675	3.91	4.37	0	0	0.59
LM-13-04	410.5	411	12176	2.67	12.14	0	0.25	0.21
LM-13-04	411	411.5	21275	13.28	12.57	0	0	0
LM-13-04	411.5	412	21571	11.12	34.22	0	0	2.97
LM-13-04	412	412.5	15784	2.26	61.83	0	0	1.81
LM-13-04	412.5	413	17326	2.25	24.45	0	0	6.05
LM-13-04	413	413.5	20978	2.64	12.33	0	0	1.38
LM-13-04	413.5	414	19654	5.66	7.7	0	0	0
LM-13-04	414	414.5	12216	7.61	32.17	0	0	0.37
LM-13-04	414.5	415	22020	9.57	23.4	0	0	0.51
LM-13-04	415	415.5	22068	5.28	24.56	0	0	0.37
LM-13-04	415.5	416	12540	6.28	20.65	0	0.81	0.89
LM-13-04	416	416.5	22015	5.52	23.98	0	0	1.73
LM-13-04	416.5	417	20951	5.14	6.58	0	0	0.02
LM-13-04	417	417.5	15501	1.65	16.46	0	0	0.32
LM-13-04	417.5	418	17399	0.53	3.52	0	0	1.34
LM-13-04	418	418.5	19637	3.89	11	0	0	0.42
LM-13-04	418.5	419	19178	2.9	6.41	0	0	1.78
LM-13-04	419	419.5	9388	1.16	0.24	0	0	0
LM-13-04	419.5	420	16835	2.49	5.57	0	0	0.89
LM-13-04	420	420.5	18951	2.82	20.52	0	0	3.23
LM-13-04	420.5	421	18521	1.58	20.9	0	0	2.12
LM-13-04	421	421.5	9058	10.75	21.2	0	0	1.27
LM-13-04	421.5	422	18950	4.22	1.08	0	0	0
LM-13-04	422	422.5	18656	10.43	8.7	0	0.72	3.69
LM-13-04	422.5	423	17478	3.26	18.97	0	0	1.18
LM-13-04	423	423.5	11367	3.92	14.86	0	0	0.69
LM-13-04	423.5	424	19502	1.83	22.8	0	0	12.9
LM-13-04	424	424.5	18966	2.27	19.77	0	0	12.33
LM-13-04	424.5	425	17274	0.16	2.19	0	0	88.86
LM-13-04	425	425.5	13506	0.35	6.52	0	0.01	72.11
LM-13-04	425.5	426	19589	4.02	39.61	0	0	31.62

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	409.5	410	0.14	0	0	0	0	0
LM-13-04	410	410.5	0.05	0	0	0	0	0
LM-13-04	410.5	411	14.85	0	0	0	0	0
LM-13-04	411	411.5	0	0	0	0	0	0
LM-13-04	411.5	412	0.13	0	0	0	0	0.01
LM-13-04	412	412.5	0.03	0	0	0	0	0
LM-13-04	412.5	413	0	0	0	0	0	0
LM-13-04	413	413.5	0	0	0	0	0	0
LM-13-04	413.5	414	0	0	0	0	0	0
LM-13-04	414	414.5	0	0	0.01	0	0	0
LM-13-04	414.5	415	0.01	0	0	0	0	0
LM-13-04	415	415.5	0.03	0	0	0	0	0
LM-13-04	415.5	416	14.94	0	0	0	0	0
LM-13-04	416	416.5	0	0	0	0	0	0
LM-13-04	416.5	417	0	0	0	0	0	0
LM-13-04	417	417.5	0	0	0	0	0	0
LM-13-04	417.5	418	0	0	0	0	0	0
LM-13-04	418	418.5	0	0	0	0	0	0
LM-13-04	418.5	419	0.81	0	0	0	0	0
LM-13-04	419	419.5	0	0	0	0	0	0
LM-13-04	419.5	420	0	0	0	0	0	0
LM-13-04	420	420.5	0.03	0	0	0	0	0
LM-13-04	420.5	421	0.04	0	0	0	0	0
LM-13-04	421	421.5	0	0	0	0	0	0
LM-13-04	421.5	422	0	0	0	0	0	0
LM-13-04	422	422.5	3.13	0	0	0	0	0
LM-13-04	422.5	423	0	0	0	0	0	0
LM-13-04	423	423.5	0	0	0	0	0	0
LM-13-04	423.5	424	0	0	0	0	0	0
LM-13-04	424	424.5	0	0	0	0	0	0
LM-13-04	424.5	425	0	0	0	0	0	0
LM-13-04	425	425.5	0	0	0	0	0	0
LM-13-04	425.5	426	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	409.5	410	0	0	0	0	0.89
LM-13-04	410	410.5	0	0	0	0	3.12
LM-13-04	410.5	411	0	0	0	0	0.76
LM-13-04	411	411.5	0	0	0	0	0.7
LM-13-04	411.5	412	0	0	0	0	1.87
LM-13-04	412	412.5	0	0	0	0	1.43
LM-13-04	412.5	413	0.01	0.02	0	0	2.28
LM-13-04	413	413.5	0	0	0	0	0.59
LM-13-04	413.5	414	0	0	0	0	0.65
LM-13-04	414	414.5	0	0	0	0	0.01
LM-13-04	414.5	415	0	0	0	0	1.96
LM-13-04	415	415.5	0	0	0	0	0.49
LM-13-04	415.5	416	0	0	0.09	0	1.48
LM-13-04	416	416.5	0	0	0	0	0.45
LM-13-04	416.5	417	0	0	0	0	0.71
LM-13-04	417	417.5	0	0	0	0	1.59
LM-13-04	417.5	418	0	0	0	0	1.13
LM-13-04	418	418.5	0	0	0	0	10.75
LM-13-04	418.5	419	0	0	0	0	13.79
LM-13-04	419	419.5	0	0	0	0	0
LM-13-04	419.5	420	0	0	0	0	1.98
LM-13-04	420	420.5	0	0	0	0	3.9
LM-13-04	420.5	421	0	0	0	0	6.7
LM-13-04	421	421.5	0	0	0	0	2.77
LM-13-04	421.5	422	0	0	0	0	1.32
LM-13-04	422	422.5	0.26	3.35	0	0.11	12.16
LM-13-04	422.5	423	0	0	0	0	10.57
LM-13-04	423	423.5	0	0	0	0	0.08
LM-13-04	423.5	424	0	0	0	0	2.72
LM-13-04	424	424.5	0	0	0	0	2.17
LM-13-04	424.5	425	0	0.2	0	0	0.02
LM-13-04	425	425.5	0	0.05	0	0	6.35
LM-13-04	425.5	426	0	0	0	0	2.32

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	409.5	410	47.26	0.25	0	0	0
LM-13-04	410	410.5	84.47	0.06	0	0	0
LM-13-04	410.5	411	46.9	0	0	0	0
LM-13-04	411	411.5	73.44	0	0	0	0
LM-13-04	411.5	412	48.13	0.05	0	0	0
LM-13-04	412	412.5	26.96	0.03	0.03	0	0
LM-13-04	412.5	413	60.35	0	0	0	0
LM-13-04	413	413.5	81.24	0.01	0	0	0
LM-13-04	413.5	414	79.21	0.01	0.02	0	0
LM-13-04	414	414.5	48.55	0.04	0	0	0
LM-13-04	414.5	415	64.27	0.17	0	0	0
LM-13-04	415	415.5	69.26	0.12	0.02	0	0
LM-13-04	415.5	416	56.91	0.01	0	0.05	0
LM-13-04	416	416.5	67.86	0	0	0	0
LM-13-04	416.5	417	87.56	0	0	0	0
LM-13-04	417	417.5	80.29	0	0	0	0
LM-13-04	417.5	418	79.96	0	0	0	0
LM-13-04	418	418.5	68.87	0	0	0	0
LM-13-04	418.5	419	67.81	0.06	0.19	0	0
LM-13-04	419	419.5	97.84	0	0	0	0
LM-13-04	419.5	420	83.94	0	0.1	0	0
LM-13-04	420	420.5	68.68	0.08	0	0	0
LM-13-04	420.5	421	68.15	0.06	0	0	0
LM-13-04	421	421.5	57.54	0.06	0.01	0	0
LM-13-04	421.5	422	93.38	0	0	0	0
LM-13-04	422	422.5	57.95	0.11	0.62	0	0
LM-13-04	422.5	423	61.87	0	0	0	0
LM-13-04	423	423.5	80.5	0	0	0	0
LM-13-04	423.5	424	55.6	0	0	0	0
LM-13-04	424	424.5	59.51	0	0	0	0
LM-13-04	424.5	425	0.06	0.09	0	3.45	0
LM-13-04	425	425.5	0.9	5.06	0.28	1.1	0
LM-13-04	425.5	426	16.08	1.01	0.02	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	409.5	410	0	0	0	0	0
LM-13-04	410	410.5	0	0	0	0	0
LM-13-04	410.5	411	2346.03	0	0	0	0
LM-13-04	411	411.5	0	0	0	0	0
LM-13-04	411.5	412	0	0	0	0	0
LM-13-04	412	412.5	0	0	0	0	0
LM-13-04	412.5	413	0	0	0	0	0
LM-13-04	413	413.5	0	0	0	0	0
LM-13-04	413.5	414	0	0	0	0	0
LM-13-04	414	414.5	0	0	0	0	0
LM-13-04	414.5	415	0	0	0	0	0
LM-13-04	415	415.5	0	0	0	0	0
LM-13-04	415.5	416	2345.19	0	0.97	2209.27	0
LM-13-04	416	416.5	0	0	0	0	0
LM-13-04	416.5	417	0	0	0	0	0
LM-13-04	417	417.5	0	0	0	0	0
LM-13-04	417.5	418	0	0	0	0	0
LM-13-04	418	418.5	0	0	0	0	0
LM-13-04	418.5	419	0	0	0	0	0
LM-13-04	419	419.5	0	0	0	0	0
LM-13-04	419.5	420	0	0	0	0	0
LM-13-04	420	420.5	0	0	0	0	0
LM-13-04	420.5	421	0	0	0	0	0
LM-13-04	421	421.5	0	0	0	0	0
LM-13-04	421.5	422	0	0	0	0	0
LM-13-04	422	422.5	2341.68	0	0	0	0
LM-13-04	422.5	423	0	0	0	0	0
LM-13-04	423	423.5	0	0	0	0	0
LM-13-04	423.5	424	0	0	0	0	0
LM-13-04	424	424.5	0	0	0	0	0
LM-13-04	424.5	425	0	0	0.31	2206.75	0
LM-13-04	425	425.5	2336	0	0.36	2207.95	0.68
LM-13-04	425.5	426	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	409.5	410	0	0	0	0	0
LM-13-04	410	410.5	0	0	0	0	0
LM-13-04	410.5	411	0	0	0	0	0
LM-13-04	411	411.5	0	0	0	0	0
LM-13-04	411.5	412	0	0	0	0	0
LM-13-04	412	412.5	0	0	0	0	0
LM-13-04	412.5	413	0	0	0	0	0
LM-13-04	413	413.5	0	0	0	0	0
LM-13-04	413.5	414	0	0	0	0	0
LM-13-04	414	414.5	0	0	0	0	0
LM-13-04	414.5	415	0	0	0	0	0
LM-13-04	415	415.5	0	0	0	0	0
LM-13-04	415.5	416	0	0	100	0	0
LM-13-04	416	416.5	0	0	0	0	0
LM-13-04	416.5	417	0	0	0	0	0
LM-13-04	417	417.5	0	0	0	0	0
LM-13-04	417.5	418	0	0	0	0	0
LM-13-04	418	418.5	0	0	0	0	0
LM-13-04	418.5	419	0	0	0	0	0
LM-13-04	419	419.5	0	0	0	0	0
LM-13-04	419.5	420	0	0	0	0	0
LM-13-04	420	420.5	0	0	0	0	0
LM-13-04	420.5	421	0	0	0	0	0
LM-13-04	421	421.5	0	0	0	0	0
LM-13-04	421.5	422	0	0	0	0	0
LM-13-04	422	422.5	0	0	0	0	0
LM-13-04	422.5	423	0	0	0	0	0
LM-13-04	423	423.5	0	0	0	0	0
LM-13-04	423.5	424	0	0	0	0	0
LM-13-04	424	424.5	0	0	0	0	0
LM-13-04	424.5	425	1.82	65.89	32.28	0	0
LM-13-04	425	425.5	0.68	47.95	50.68	0	0
LM-13-04	425.5	426	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	409.5	410	0	0	0	0
LM-13-04	410	410.5	0	0	0	0
LM-13-04	410.5	411	0	0	0	0
LM-13-04	411	411.5	0	0	0	0
LM-13-04	411.5	412	0	0	0	0
LM-13-04	412	412.5	0	0	0	0
LM-13-04	412.5	413	0	0	0	0
LM-13-04	413	413.5	0	0	0	0
LM-13-04	413.5	414	0	0	0	0
LM-13-04	414	414.5	0	0	0	0
LM-13-04	414.5	415	0	0	0	0
LM-13-04	415	415.5	0	0	0	0
LM-13-04	415.5	416	0	0	0	0
LM-13-04	416	416.5	0	0	0	0
LM-13-04	416.5	417	0	0	0	0
LM-13-04	417	417.5	0	0	0	0
LM-13-04	417.5	418	0	0	0	0
LM-13-04	418	418.5	0	0	0	0
LM-13-04	418.5	419	0	0	0	0
LM-13-04	419	419.5	0	0	0	0
LM-13-04	419.5	420	0	0	0	0
LM-13-04	420	420.5	0	0	0	0
LM-13-04	420.5	421	0	0	0	0
LM-13-04	421	421.5	0	0	0	0
LM-13-04	421.5	422	0	0	0	0
LM-13-04	422	422.5	0	0	0	0
LM-13-04	422.5	423	0	0	0	0
LM-13-04	423	423.5	0	0	0	0
LM-13-04	423.5	424	0	0	0	0
LM-13-04	424	424.5	0	0	0	0
LM-13-04	424.5	425	0	0	0	0
LM-13-04	425	425.5	0	0	0	0
LM-13-04	425.5	426	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	spectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	426	426.5	19070	6.48	23.1	0	0	0.45
LM-13-04	426.5	427	16940	7.74	41	0	0	5.47
LM-13-04	427	427.5	13479	5.42	11.57	0	0	0
LM-13-04	427.5	428	16159	4.91	28.37	0	0	3.24
LM-13-04	428	428.5	18918	4.18	7.21	0	0	2.76
LM-13-04	428.5	429	16176	2.95	6.99	0	0	0.07
LM-13-04	429	429.5	19720	3.39	38.14	0	0	5.83
LM-13-04	429.5	430	18573	3.5	6.76	0	0.08	0.05
LM-13-04	430	430.5	19740	2.14	38.39	0	0	0.48
LM-13-04	430.5	431	7722	4.08	42.01	0	0	0.91
LM-13-04	431	431.5	17839	1.04	1.65	0	0	0
LM-13-04	431.5	432	19482	2.26	26.07	0	0	0.42
LM-13-04	432	432.5	19740	0.56	17	0	0	0.08
LM-13-04	432.5	433	10477	0.5	22.93	0	0	2.72
LM-13-04	433	433.5	15398	0.4	35.63	0	0	4.08
LM-13-04	433.5	434	19589	2.16	11.52	0	0	1.8
LM-13-04	434	434.5	18099	2.59	18.39	0	0	0.47
LM-13-04	434.5	435	10457	1.12	16.74	0	0	0.49
LM-13-04	435	435.5	15833	2.32	35.05	0	0	12
LM-13-04	435.5	436	19452	0.6	23.77	0	0	24.33
LM-13-04	436	436.5	13537	0.74	34.69	0	0	11.6
LM-13-04	436.5	437	17584	0.82	23.25	0	0	0.32
LM-13-04	437	437.5	23460	0.85	49.79	0	0	3.41
LM-13-04	437.5	438	23400	0.35	7.31	0	0	0.63
LM-13-04	438	438.5	12823	6.69	5.04	0	0	0
LM-13-04	438.5	439	22573	2.04	31.63	0	0	5.58
LM-13-04	439	439.5	22746	1.38	25.39	0	0	15.27
LM-13-04	439.5	440	19876	2.06	52.01	0	0	14.8
LM-13-04	440	440.5	22958	1.52	41.06	0	0	1.16
LM-13-04	440.5	441	23460	1.64	51.14	0.01	0	4.68
LM-13-04	441	441.5	14600	2.75	25.99	0	0	1.16
LM-13-04	441.5	442	23219	2.45	13.42	0	0	0.18
LM-13-04	442	442.5	22657	1.09	41.22	0	0	5.2

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	426	426.5	0	0	0	0	0	0
LM-13-04	426.5	427	0	0	0	0	0	0
LM-13-04	427	427.5	0.01	0	0	0	0	0
LM-13-04	427.5	428	0	0	0	0	0	0.01
LM-13-04	428	428.5	0	0	0	0	0	0
LM-13-04	428.5	429	0	0	0	0	0	0
LM-13-04	429	429.5	0	0	0	0	0	0
LM-13-04	429.5	430	1.55	0	0	0	0	0
LM-13-04	430	430.5	0	0	0	0	0	0.01
LM-13-04	430.5	431	0	0	0	0	0	0
LM-13-04	431	431.5	0	0	0	0	0	0
LM-13-04	431.5	432	0	0	0	0	0	0
LM-13-04	432	432.5	0	0	0	0	0	0
LM-13-04	432.5	433	0	0	0	0	0	0
LM-13-04	433	433.5	0	0	0	0	0	0
LM-13-04	433.5	434	0	0	0	0	0	0
LM-13-04	434	434.5	0	0	0	0	0	0
LM-13-04	434.5	435	0	0	0.01	0	0	0
LM-13-04	435	435.5	0.22	0	0	0	0	0
LM-13-04	435.5	436	0.02	0	0	0	0	0
LM-13-04	436	436.5	1.53	0	0	0	0	0
LM-13-04	436.5	437	0	0	0	0	0	0
LM-13-04	437	437.5	0.03	0	0	0	0	0
LM-13-04	437.5	438	0	0	0	0	0	0
LM-13-04	438	438.5	0	0	0	0	0	0
LM-13-04	438.5	439	0	0	0	0	0	0
LM-13-04	439	439.5	0	0	0	0	0	0
LM-13-04	439.5	440	0	0	0	0	0	0
LM-13-04	440	440.5	0	0	0	0	0	0
LM-13-04	440.5	441	0	0	0	0	0	0
LM-13-04	441	441.5	0	0	0	0	0	0
LM-13-04	441.5	442	0	0	0	0	0	0
LM-13-04	442	442.5	0	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	426	426.5	0	0	0	0	0.02
LM-13-04	426.5	427	0	0	0	0	0.08
LM-13-04	427	427.5	0	0	0	0	0.07
LM-13-04	427.5	428	0	0	0	0	1.96
LM-13-04	428	428.5	0	0	0	0	2
LM-13-04	428.5	429	0	0	0	0	3.55
LM-13-04	429	429.5	0	0	0	0	3.83
LM-13-04	429.5	430	0	0	0	0	5.12
LM-13-04	430	430.5	0	0	0	0	1.04
LM-13-04	430.5	431	0	0	0	0	1.89
LM-13-04	431	431.5	0	0	0	0	3.69
LM-13-04	431.5	432	0.02	0	0	0	16.74
LM-13-04	432	432.5	0	0	0	0	14.15
LM-13-04	432.5	433	0	0	0	0	24.19
LM-13-04	433	433.5	0	0	0	0	6.2
LM-13-04	433.5	434	0	0	0	0	1.92
LM-13-04	434	434.5	0	0	0	0	0.52
LM-13-04	434.5	435	0	0	0	0	0.34
LM-13-04	435	435.5	0.02	0.04	0	0	19.96
LM-13-04	435.5	436	0.03	0	0	0	30.98
LM-13-04	436	436.5	0	0.06	0	0	13.35
LM-13-04	436.5	437	0	0	0	0	16.47
LM-13-04	437	437.5	0	0	0	0	3.5
LM-13-04	437.5	438	0	0	0	0	0.83
LM-13-04	438	438.5	0	0	0	0	1.88
LM-13-04	438.5	439	0	0	0	0	0.04
LM-13-04	439	439.5	0	0	0	0	0.13
LM-13-04	439.5	440	0	0	0	0	0.58
LM-13-04	440	440.5	0	0	0	0	1.37
LM-13-04	440.5	441	0	0.02	0	0	1.36
LM-13-04	441	441.5	0	0.04	0	0	1.75
LM-13-04	441.5	442	0	0	0	0	1.04
LM-13-04	442	442.5	0	0	0	0	5.15

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	426	426.5	69.8	0	0	0	0
LM-13-04	426.5	427	43.83	0	0	0	0
LM-13-04	427	427.5	80.39	0	0	0	0
LM-13-04	427.5	428	59.09	0	0	0	0
LM-13-04	428	428.5	83.44	0	0	0	0
LM-13-04	428.5	429	81.01	0	0.02	0	0
LM-13-04	429	429.5	47.84	0.15	0.03	0	0
LM-13-04	429.5	430	83.17	0.02	0.01	0	0
LM-13-04	430	430.5	58.27	0	0	0	0
LM-13-04	430.5	431	50.91	0	0	0	0
LM-13-04	431	431.5	93.62	0	0	0	0
LM-13-04	431.5	432	54.89	0.01	0.01	0	0
LM-13-04	432	432.5	68.29	0	0	0	0
LM-13-04	432.5	433	45.58	0	0.45	0	0
LM-13-04	433	433.5	39.41	0.01	0.05	0	0
LM-13-04	433.5	434	81.84	0.01	0.02	0	0
LM-13-04	434	434.5	77.82	0	0	0	0
LM-13-04	434.5	435	63.36	0	0	0	0
LM-13-04	435	435.5	23.5	3.45	0.18	0	0
LM-13-04	435.5	436	18.45	0.16	0	0.02	0
LM-13-04	436	436.5	16.79	0.71	0	0	0
LM-13-04	436.5	437	46.87	0	0	0	0
LM-13-04	437	437.5	40.41	0	0	0	0
LM-13-04	437.5	438	89.97	0	0	0	0
LM-13-04	438	438.5	68.81	0	0	0	0
LM-13-04	438.5	439	58.96	0	0	0	0
LM-13-04	439	439.5	55.64	0	0	0.03	0
LM-13-04	439.5	440	22.61	0.01	0.02	0	0
LM-13-04	440	440.5	54.85	0	0	0	0
LM-13-04	440.5	441	39.27	0	0	0	0
LM-13-04	441	441.5	40.53	0	0	0	0
LM-13-04	441.5	442	83.02	0	0	0	0
LM-13-04	442	442.5	46.44	0.19	0.08	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	426	426.5	0	0	0	0	0
LM-13-04	426.5	427	0	0	0	0	0
LM-13-04	427	427.5	0	0	0	0	0
LM-13-04	427.5	428	0	0	0	0	0
LM-13-04	428	428.5	0	0	0	0	0
LM-13-04	428.5	429	0	0	0	0	0
LM-13-04	429	429.5	0	0	0	0	0
LM-13-04	429.5	430	2334.25	0	0	0	0
LM-13-04	430	430.5	0	0	0	0	0
LM-13-04	430.5	431	0	0	0	0	0
LM-13-04	431	431.5	0	0	0	0	0
LM-13-04	431.5	432	0	0	0	0	0
LM-13-04	432	432.5	0	0	0	0	0
LM-13-04	432.5	433	0	0	0	0	0
LM-13-04	433	433.5	0	0	0	0	0
LM-13-04	433.5	434	0	0	0	0	0
LM-13-04	434	434.5	0	0	0	0	0
LM-13-04	434.5	435	0	0	0	0	0
LM-13-04	435	435.5	0	0	0	0	0
LM-13-04	435.5	436	0	0	0.28	2209.5	0
LM-13-04	436	436.5	0	0	0	0	0
LM-13-04	436.5	437	0	0	0	0	0
LM-13-04	437	437.5	0	0	0	0	0
LM-13-04	437.5	438	0	0	0	0	0
LM-13-04	438	438.5	0	0	0	0	0
LM-13-04	438.5	439	0	0	0	0	0
LM-13-04	439	439.5	0	0	0.18	2209.47	25
LM-13-04	439.5	440	0	0	0	0	0
LM-13-04	440	440.5	0	0	0	0	0
LM-13-04	440.5	441	2344	0	0	0	0
LM-13-04	441	441.5	0	0	0	0	0
LM-13-04	441.5	442	0	0	0	0	0
LM-13-04	442	442.5	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	426	426.5	0	0	0	0	0
LM-13-04	426.5	427	0	0	0	0	0
LM-13-04	427	427.5	0	0	0	0	0
LM-13-04	427.5	428	0	0	0	0	0
LM-13-04	428	428.5	0	0	0	0	0
LM-13-04	428.5	429	0	0	0	0	0
LM-13-04	429	429.5	0	0	0	0	0
LM-13-04	429.5	430	0	0	0	0	0
LM-13-04	430	430.5	0	0	0	0	0
LM-13-04	430.5	431	0	0	0	0	0
LM-13-04	431	431.5	0	0	0	0	0
LM-13-04	431.5	432	0	0	0	0	0
LM-13-04	432	432.5	0	0	0	0	0
LM-13-04	432.5	433	0	0	0	0	0
LM-13-04	433	433.5	0	0	0	0	0
LM-13-04	433.5	434	0	0	0	0	0
LM-13-04	434	434.5	0	0	0	0	0
LM-13-04	434.5	435	0	0	0	0	0
LM-13-04	435	435.5	0	0	0	0	0
LM-13-04	435.5	436	0	33.33	66.67	0	0
LM-13-04	436	436.5	0	0	0	0	0
LM-13-04	436.5	437	0	0	0	0	0
LM-13-04	437	437.5	0	0	0	0	0
LM-13-04	437.5	438	0	0	0	0	0
LM-13-04	438	438.5	0	0	0	0	0
LM-13-04	438.5	439	0	0	0	0	0
LM-13-04	439	439.5	0	25	50	0	0
LM-13-04	439.5	440	0	0	0	0	0
LM-13-04	440	440.5	0	0	0	0	0
LM-13-04	440.5	441	0	0	0	0	0
LM-13-04	441	441.5	0	0	0	0	0
LM-13-04	441.5	442	0	0	0	0	0
LM-13-04	442	442.5	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	426	426.5	0	0	0	0
LM-13-04	426.5	427	0	0	0	0
LM-13-04	427	427.5	0	0	0	0
LM-13-04	427.5	428	0	0	0	0
LM-13-04	428	428.5	0	0	0	0
LM-13-04	428.5	429	0	0	0	0
LM-13-04	429	429.5	0	0	0	0
LM-13-04	429.5	430	0	0	0	0
LM-13-04	430	430.5	0	0	0	0
LM-13-04	430.5	431	0	0	0	0
LM-13-04	431	431.5	0	0	0	0
LM-13-04	431.5	432	0	0	0	0
LM-13-04	432	432.5	0	0	0	0
LM-13-04	432.5	433	0	0	0	0
LM-13-04	433	433.5	0	0	0	0
LM-13-04	433.5	434	0	0	0	0
LM-13-04	434	434.5	0	0	0	0
LM-13-04	434.5	435	0	0	0	0
LM-13-04	435	435.5	0	0	0	0
LM-13-04	435.5	436	0	0	0	0
LM-13-04	436	436.5	0	0	0	0
LM-13-04	436.5	437	0	0	0	0
LM-13-04	437	437.5	0	0	0	0
LM-13-04	437.5	438	0	0	0	0
LM-13-04	438	438.5	0	0	0	0
LM-13-04	438.5	439	0	0	0	0
LM-13-04	439	439.5	0	0	0	0
LM-13-04	439.5	440	0	0	0	0
LM-13-04	440	440.5	0	0	0	0
LM-13-04	440.5	441	0	0	0	0
LM-13-04	441	441.5	0	0	0	0
LM-13-04	441.5	442	0	0	0	0
LM-13-04	442	442.5	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	442.5	443	7167	1.77	42.46	0	0	3.67
LM-13-04	443	443.5	22521	1.51	33.77	0	0	1.78
LM-13-04	443.5	444	23408	1.43	48.51	0	0	22.72
LM-13-04	444	444.5	19395	1.47	21.46	0	0	0.01
LM-13-04	444.5	445	17934	2.15	3.54	0	0	0
LM-13-04	445	445.5	20308	5.68	7.47	0	0	0.01
LM-13-04	445.5	446	20820	0.79	17.49	0	0	0.26
LM-13-04	446	446.5	11481	2.06	31.86	0	0	0
LM-13-04	446.5	447	20762	1.58	10.85	0	0	1.35
LM-13-04	447	447.5	20701	3.62	10.41	0	0	0
LM-13-04	447.5	448	14280	3.41	9.12	0	0	0
LM-13-04	448	448.5	13330	3.73	16.21	0	0	2.15
LM-13-04	448.5	449	20166	1.83	30.45	0	0	10.14
LM-13-04	449	449.5	19286	1.29	11.1	0	0	0.45
LM-13-04	449.5	450	11381	7.73	29.45	0	0	0.14
LM-13-04	450	450.5	19681	2.99	41.93	0	0	5.37
LM-13-04	450.5	451	20820	0.61	11.79	0	0	2.86
LM-13-04	451	451.5	19293	5.7	9.18	0	0	0.35
LM-13-04	451.5	452	15713	2.23	18.01	0	0.01	1.93
LM-13-04	452	452.5	20461	5.16	10.76	0	0	3.06
LM-13-04	452.5	453	13097	2.76	34.37	0	0	6.31
LM-13-04	453	453.5	15686	4.81	17.86	0	0	0.17
LM-13-04	453.5	454	15323	3.47	11.37	0	0	1.38
LM-13-04	454	454.5	19607	2.1	1.9	0	0	0.31
LM-13-04	454.5	455	17816	1.67	2.8	0	0	0.16
LM-13-04	455	455.5	8853	3.55	41.93	0	0	5.23
LM-13-04	455.5	456	21314	1.76	23.14	0	0	0.57
LM-13-04	456	456.5	21260	1.08	33.34	0	0	1.1
LM-13-04	456.5	457	13933	0.76	9.03	0	0	0.48
LM-13-04	457	457.5	20151	3.04	7.36	0	0	0.51
LM-13-04	457.5	458	15772	0.81	13.92	0	0	0.41
LM-13-04	458	458.5	16349	3.11	8.66	0	0	4.21
LM-13-04	458.5	459	13355	1.4	19.17	0	0	5.38

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	442.5	443	0.03	0	0	0	0	0
LM-13-04	443	443.5	0	0	0	0	0	0
LM-13-04	443.5	444	0	0	0	0	0	0
LM-13-04	444	444.5	0	0	0	0	0	0
LM-13-04	444.5	445	0	0	0	0	0	0
LM-13-04	445	445.5	0	0	0	0	0	0
LM-13-04	445.5	446	0	0	0	0	0	0
LM-13-04	446	446.5	0	0	0	0	0	0
LM-13-04	446.5	447	0	0	0	0	0	0
LM-13-04	447	447.5	0	0	0	0	0	0
LM-13-04	447.5	448	0	0	0	0	0	0
LM-13-04	448	448.5	0	0	0	0	0	0
LM-13-04	448.5	449	0	0	0	0	0	0
LM-13-04	449	449.5	0	0	0	0	0	0
LM-13-04	449.5	450	0	0	0	0	0	0
LM-13-04	450	450.5	0	0	0	0	0	0
LM-13-04	450.5	451	0	0	0	0	0	0
LM-13-04	451	451.5	0	0	0	0	0	0
LM-13-04	451.5	452	1.54	0	0	0	0	0
LM-13-04	452	452.5	0.03	0	0	0	0	0
LM-13-04	452.5	453	0	0	0	0	0	0.01
LM-13-04	453	453.5	0	0	0	0	0	0
LM-13-04	453.5	454	0	0	0	0	0	0
LM-13-04	454	454.5	0	0	0	0	0	0
LM-13-04	454.5	455	0	0	0	0	0	0
LM-13-04	455	455.5	0	0	0	0	0	0
LM-13-04	455.5	456	0	0	0	0	0	0
LM-13-04	456	456.5	0	0	0	0	0	0
LM-13-04	456.5	457	0	0	0	0	0	0.19
LM-13-04	457	457.5	0	0	0	0	0	0
LM-13-04	457.5	458	0.07	0	0	0	0	0
LM-13-04	458	458.5	0	0	0	0.09	0	0
LM-13-04	458.5	459	1.19	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	442.5	443	0	0	0	0	11.65
LM-13-04	443	443.5	0	0	0	0	7.1
LM-13-04	443.5	444	0.01	0.44	0	0	6.43
LM-13-04	444	444.5	0	0	0	0	1.39
LM-13-04	444.5	445	0	0	0	0	0.37
LM-13-04	445	445.5	0	0	0	0	5.43
LM-13-04	445.5	446	0	0.05	0	0	0.54
LM-13-04	446	446.5	0	0	0	0	0.15
LM-13-04	446.5	447	0	0	0	0	3.44
LM-13-04	447	447.5	0	0	0	0	0.01
LM-13-04	447.5	448	0	0	0	0	0.81
LM-13-04	448	448.5	0	0	0	0	0.7
LM-13-04	448.5	449	0	0	0	0	0.74
LM-13-04	449	449.5	0	0	0	0	2.59
LM-13-04	449.5	450	0	0	0	0	2.65
LM-13-04	450	450.5	0	0	0	0	6.59
LM-13-04	450.5	451	0	0	0	0	3.15
LM-13-04	451	451.5	0	0	0	0	3.18
LM-13-04	451.5	452	0.01	1.69	0	0	12.36
LM-13-04	452	452.5	0	0.35	0	0.19	7.74
LM-13-04	452.5	453	0	0	0	0	16.3
LM-13-04	453	453.5	0	0	0	0	2.03
LM-13-04	453.5	454	0	0	0	0	14.11
LM-13-04	454	454.5	0	0	0	0	12.15
LM-13-04	454.5	455	0	0	0	0	12.08
LM-13-04	455	455.5	0	0	0	0	5.24
LM-13-04	455.5	456	0	0	0	0	17.07
LM-13-04	456	456.5	0	0	0	0	9.13
LM-13-04	456.5	457	0	0	0	0	12.6
LM-13-04	457	457.5	0	0	0	0	0.82
LM-13-04	457.5	458	0	0	0	0	31.51
LM-13-04	458	458.5	0	2.02	0	0.04	7.71
LM-13-04	458.5	459	0	2.23	0	0	1.69

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	442.5	443	30.24	0.06	0.06	0	0
LM-13-04	443	443.5	54.92	0	0	0	0
LM-13-04	443.5	444	16.65	0.87	0.04	0	0
LM-13-04	444	444.5	69.04	0	0.03	0	0
LM-13-04	444.5	445	91.62	0	0	0	0
LM-13-04	445	445.5	81.41	0.01	0	0	0
LM-13-04	445.5	446	80.73	0	0	0.03	0
LM-13-04	446	446.5	39.61	0	0	0	0
LM-13-04	446.5	447	82.99	0.07	0.43	0	0
LM-13-04	447	447.5	85.96	0	0	0	0
LM-13-04	447.5	448	86.66	0	0	0	0
LM-13-04	448	448.5	68.27	0	0	0	0
LM-13-04	448.5	449	49.71	0.47	0	0	0
LM-13-04	449	449.5	79.58	0	0	0	0
LM-13-04	449.5	450	45.77	0	0	0	0
LM-13-04	450	450.5	40.3	0.06	0	0	0
LM-13-04	450.5	451	81.3	0.03	0	0	0
LM-13-04	451	451.5	81.47	0.01	0	0	0
LM-13-04	451.5	452	63.44	0.33	0.03	0	0.01
LM-13-04	452	452.5	71.81	0.27	0	0	0
LM-13-04	452.5	453	36.47	0	0	0	0
LM-13-04	453	453.5	75.3	0	0	0	0
LM-13-04	453.5	454	70.3	0	0.04	0	0
LM-13-04	454	454.5	80.23	0	0	0	0
LM-13-04	454.5	455	75.14	0	0	0	0
LM-13-04	455	455.5	36.1	0	0	0	0
LM-13-04	455.5	456	57.21	0	0.05	0	0
LM-13-04	456	456.5	55.09	0	0	0	0
LM-13-04	456.5	457	69.51	0	0	0	0
LM-13-04	457	457.5	82.37	0	0	0	0
LM-13-04	457.5	458	49.61	0.01	0.05	0	0
LM-13-04	458	458.5	55.91	0	0	0	0.01
LM-13-04	458.5	459	58.47	0.03	0	0	0

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	442.5	443	0	0	0	0	0
LM-13-04	443	443.5	0	0	0	0	0
LM-13-04	443.5	444	0	0	0	0	#DIV/0!
LM-13-04	444	444.5	0	0	0	0	0
LM-13-04	444.5	445	0	0	0	0	0
LM-13-04	445	445.5	0	0	0	0	0
LM-13-04	445.5	446	0	0	0.29	2205.99	0
LM-13-04	446	446.5	0	0	0	0	0
LM-13-04	446.5	447	0	0	0	0	0
LM-13-04	447	447.5	0	0	0	0	0
LM-13-04	447.5	448	0	0	0	0	0
LM-13-04	448	448.5	0	0	0	0	0
LM-13-04	448.5	449	0	0	0.22	2209.98	0
LM-13-04	449	449.5	0	0	0	0	0
LM-13-04	449.5	450	0	0	0	0	0
LM-13-04	450	450.5	0	0	0	0	0
LM-13-04	450.5	451	0	0	0	0	0
LM-13-04	451	451.5	0	0	0	0	0
LM-13-04	451.5	452	0	0	0	0	0
LM-13-04	452	452.5	0	0	0	0	0
LM-13-04	452.5	453	0	0	0	0	0
LM-13-04	453	453.5	0	0	0	0	0
LM-13-04	453.5	454	0	0	0	0	0
LM-13-04	454	454.5	0	0	0	0	0
LM-13-04	454.5	455	0	0	0	0	0
LM-13-04	455	455.5	0	0	0	0	0
LM-13-04	455.5	456	0	0	0	0	0
LM-13-04	456	456.5	0	0	0	0	0
LM-13-04	456.5	457	0	0	0	0	0
LM-13-04	457	457.5	0	0	0	0	0
LM-13-04	457.5	458	0	0	0	0	0
LM-13-04	458	458.5	0	0	0	0	0
LM-13-04	458.5	459	0	0	0	0	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	442.5	443	0	0	0	0	0
LM-13-04	443	443.5	0	0	0	0	0
LM-13-04	443.5	444	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
LM-13-04	444	444.5	0	0	0	0	0
LM-13-04	444.5	445	0	0	0	0	0
LM-13-04	445	445.5	0	0	0	0	0
LM-13-04	445.5	446	0	100	0	0	0
LM-13-04	446	446.5	0	0	0	0	0
LM-13-04	446.5	447	0	0	0	0	0
LM-13-04	447	447.5	0	0	0	0	0
LM-13-04	447.5	448	0	0	0	0	0
LM-13-04	448	448.5	0	0	0	0	0
LM-13-04	448.5	449	0	0	100	0	0
LM-13-04	449	449.5	0	0	0	0	0
LM-13-04	449.5	450	0	0	0	0	0
LM-13-04	450	450.5	0	0	0	0	0
LM-13-04	450.5	451	0	0	0	0	0
LM-13-04	451	451.5	0	0	0	0	0
LM-13-04	451.5	452	0	0	0	0	0
LM-13-04	452	452.5	0	0	0	0	0
LM-13-04	452.5	453	0	0	0	0	0
LM-13-04	453	453.5	0	0	0	0	0
LM-13-04	453.5	454	0	0	0	0	0
LM-13-04	454	454.5	0	0	0	0	0
LM-13-04	454.5	455	0	0	0	0	0
LM-13-04	455	455.5	0	0	0	0	0
LM-13-04	455.5	456	0	0	0	0	0
LM-13-04	456	456.5	0	0	0	0	0
LM-13-04	456.5	457	0	0	0	0	0
LM-13-04	457	457.5	0	0	0	0	0
LM-13-04	457.5	458	0	0	0	0	0
LM-13-04	458	458.5	0	0	0	0	0
LM-13-04	458.5	459	0	0	0	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	442.5	443	0	0	0	0
LM-13-04	443	443.5	0	0	0	0
LM-13-04	443.5	444	0	0	0	0
LM-13-04	444	444.5	0	0	0	0
LM-13-04	444.5	445	0	0	0	0
LM-13-04	445	445.5	0	0	0	0
LM-13-04	445.5	446	0	0	0	0
LM-13-04	446	446.5	0	0	0	0
LM-13-04	446.5	447	0	0	0	0
LM-13-04	447	447.5	0	0	0	0
LM-13-04	447.5	448	0	0	0	0
LM-13-04	448	448.5	0	0	0	0
LM-13-04	448.5	449	0	0	0	0
LM-13-04	449	449.5	0	0	0	0
LM-13-04	449.5	450	0	0	0	0
LM-13-04	450	450.5	0	0	0	0
LM-13-04	450.5	451	0	0	0	0
LM-13-04	451	451.5	0	0	0	0
LM-13-04	451.5	452	0	0	0	0
LM-13-04	452	452.5	0	0	0	0
LM-13-04	452.5	453	0	0	0	0
LM-13-04	453	453.5	0	0	0	0
LM-13-04	453.5	454	0	0	0	0
LM-13-04	454	454.5	0	0	0	0
LM-13-04	454.5	455	0	0	0	0
LM-13-04	455	455.5	0	0	0	0
LM-13-04	455.5	456	0	0	0	0
LM-13-04	456	456.5	0	0	0	0
LM-13-04	456.5	457	0	0	0	0
LM-13-04	457	457.5	0	0	0	0
LM-13-04	457.5	458	0	0	0	0
LM-13-04	458	458.5	0	0	0	0
LM-13-04	458.5	459	0	0	0	0

hole_id	depth_from	depth_to	total_pixels	unclassified_pixels	aspectral_pxa	carbonate_pxa	carbonate_fe_pxa	chert_pxa
LM-13-04	459	459.5	21589	9.73	9.45	0	0	2.83
LM-13-04	459.5	460	21923	2.37	2.6	0	0	0.33
LM-13-04	460	460.5	18299	1.28	6.52	0	0	1.09
LM-13-04	460.5	461	21026	1.75	12.59	0	0	0.62
LM-13-04	461	461.5	21993	3.19	23.22	0	0	1.37
LM-13-04	461.5	462	19118	1.72	18.75	0	0	1.56
LM-13-04	462	462.5	10465	2.51	3.28	0	0	4.57
LM-13-04	462.5	463	19224	1.68	24.79	0	0	2.19
LM-13-04	463	463.5	17116	0.81	5.12	0	0	0.02
LM-13-04	463.5	464	9362	0.59	8.77	0	0	0.04
LM-13-04	464	464.5	18558	2.01	30.47	0	0	0.37
LM-13-04	464.5	465	19740	1.14	25.55	0	0	0.48
LM-13-04	465	465.5	19740	1.66	12.28	0	0	2.49
LM-13-04	465.5	466	5046	0.04	1.07	0	0	0
LM-13-04	466	466.5	19740	2.22	51.53	0	0	1.23
LM-13-04	466.5	467	19530	1.71	22.45	0	0	1.04
LM-13-04	467	467.5	19661	2.84	33.35	0	0	2.38
LM-13-04	467.5	468	5845	4.33	20.77	0	0	1.86
LM-13-04	468	468.5	19726	2.49	31.45	0	0	5.24
LM-13-04	468.5	469	13586	2.74	1.6	0	0	0.38
LM-13-04	469	469.5	19441	1.41	11.91	0	0	1.09
LM-13-04	469.5	470	12927	1.5	20.3	0	0	5.24
LM-13-04	470	470.5	18123	0.82	18.5	0	0.04	1.21
LM-13-04	470.5	471	19571	0.87	15.12	0	0	0
LM-13-04	471	471.5	17037	0.82	40.39	0	0	4.06
LM-13-04	471.5	472	53877	1.22	14.99	0	0	2.17
LM-13-04	472	472.5	48723	4.93	9.4	0	0	3.86
LM-13-04	472.5	473	22608	1.46	28.27	0	0.08	9.38

hole_id	depth_from	depth_to	chert_carbonate_fe_pxa	chlorite_pxa	epidote_pxa	sulphate_fe_pxa	goethite_pxa	hematite_pxa
LM-13-04	459	459.5	0	0	0	0	0	0
LM-13-04	459.5	460	0	0	0	0	0	0
LM-13-04	460	460.5	0	0	0	0	0	0
LM-13-04	460.5	461	0	0	0	0	0	0
LM-13-04	461	461.5	0	0	0	0	0	0
LM-13-04	461.5	462	0	0	0	0	0	0
LM-13-04	462	462.5	0	0	0	0	0	0
LM-13-04	462.5	463	0	0	0	0	0	0
LM-13-04	463	463.5	0	0	0	0	0	0
LM-13-04	463.5	464	0	0	0	0	0	0
LM-13-04	464	464.5	0	0	0	0	0	0
LM-13-04	464.5	465	0	0	0	0	0	0
LM-13-04	465	465.5	0	0	0	0	0	0
LM-13-04	465.5	466	0	0	0	0	0	0
LM-13-04	466	466.5	0	0	0	0	0	0
LM-13-04	466.5	467	0	0	0	0	0	0
LM-13-04	467	467.5	0	0	0	0	0	0
LM-13-04	467.5	468	0	0	0	0	0	0
LM-13-04	468	468.5	0	0	0	0	0	0
LM-13-04	468.5	469	0	0	0	0	0	0.01
LM-13-04	469	469.5	0.37	0	0	0	0	0
LM-13-04	469.5	470	0.01	0	0	0	0	0
LM-13-04	470	470.5	0.08	0	0	0	0	0
LM-13-04	470.5	471	0	0	0	0	0	0
LM-13-04	471	471.5	0	0	0	0	0	0
LM-13-04	471.5	472	0	0	0	0	0	0
LM-13-04	472	472.5	0	0	0	0	0	0
LM-13-04	472.5	473	2.93	0	0	0	0	0

hole_id	depth_from	depth_to	gypsum_pxa	kaolinite_pxa	montmorillonite_pxa	hydrous_silica_quartz_pxa	sediment_1_pxa
LM-13-04	459	459.5	0	0	0	0	2.89
LM-13-04	459.5	460	0	0	0	0	4.86
LM-13-04	460	460.5	0	0	0	0	4.78
LM-13-04	460.5	461	0	0.06	0	0	2.62
LM-13-04	461	461.5	0	0.27	0	0	1.42
LM-13-04	461.5	462	0	0	0	0	5.89
LM-13-04	462	462.5	0	0.02	0	0	6.9
LM-13-04	462.5	463	0	0	0	0	3.57
LM-13-04	463	463.5	0	0	0	0	6.74
LM-13-04	463.5	464	0	0	0	0	0.61
LM-13-04	464	464.5	0	0	0	0	2.73
LM-13-04	464.5	465	0	0	0	0	0.98
LM-13-04	465	465.5	0	0	0	0	0.81
LM-13-04	465.5	466	0	0	0	0	0
LM-13-04	466	466.5	0	0	0	0	1.86
LM-13-04	466.5	467	0	0	0	0	1.62
LM-13-04	467	467.5	0	0	0	0	2.08
LM-13-04	467.5	468	0	0	0	0	9.27
LM-13-04	468	468.5	0	0	0	0	2.8
LM-13-04	468.5	469	0	0	0	0	1.49
LM-13-04	469	469.5	0	0.19	0	0	1.05
LM-13-04	469.5	470	0	0	0	0	19.05
LM-13-04	470	470.5	0	0	0	0.11	11.53
LM-13-04	470.5	471	0	0	0	0	8.14
LM-13-04	471	471.5	0	0	0	0	22.1
LM-13-04	471.5	472	0	0	0	0	8.44
LM-13-04	472	472.5	0	0.01	0	0	3.11
LM-13-04	472.5	473	0	3.44	0	0.01	8.01

hole_id	depth_from	depth_to	sediment_2_pxa	sediment_fe_pxa	sulphide_pxa	white_mica_pxa	white_mica_nh4_pxa
LM-13-04	459	459.5	73.74	0.02	0	0	0
LM-13-04	459.5	460	89.63	0	0	0	0
LM-13-04	460	460.5	83.48	0.05	0	0	0
LM-13-04	460.5	461	82.36	0.02	0.01	0	0
LM-13-04	461	461.5	70.7	0	0	0	0
LM-13-04	461.5	462	70.54	0.01	0.02	0	0
LM-13-04	462	462.5	74.49	0	0	0	0
LM-13-04	462.5	463	67.03	0	0.01	0	0
LM-13-04	463	463.5	80.79	0	0.02	0	0
LM-13-04	463.5	464	84.06	0	0	0	0
LM-13-04	464	464.5	63.72	0	0	0	0
LM-13-04	464.5	465	71.51	0	0	0	0
LM-13-04	465	465.5	80.7	0	0	0	0
LM-13-04	465.5	466	52.91	0	0	0	0
LM-13-04	466	466.5	42.05	0	0	0	0
LM-13-04	466.5	467	73.24	0	0	0	0
LM-13-04	467	467.5	58.07	0	0	0	0
LM-13-04	467.5	468	63.01	0.12	0.12	0	0
LM-13-04	468	468.5	55.02	0.01	0	0	0
LM-13-04	468.5	469	81.45	0	0	0	0
LM-13-04	469	469.5	84.22	0.21	0	0.01	0
LM-13-04	469.5	470	46.34	0	0	0	0
LM-13-04	470	470.5	67.4	0.04	0.06	0	0
LM-13-04	470.5	471	75.87	0	0	0	0
LM-13-04	471	471.5	30.47	0.03	0.01	0	0
LM-13-04	471.5	472	64.14	0	0	0	0
LM-13-04	472	472.5	67.98	0.02	0.12	0.74	0
LM-13-04	472.5	473	29.84	2.03	0.1	0.02	0.06

hole_id	depth_from	depth_to	carbonate_all_2340L	iron_oxide_900L	white_mica_all_2200X	white_mica_all_2200L	paragonite_pct
LM-13-04	459	459.5	0	0	0.41	2208.98	0
LM-13-04	459.5	460	0	0	0	0	0
LM-13-04	460	460.5	0	0	0	0	0
LM-13-04	460.5	461	0	0	0	0	0
LM-13-04	461	461.5	0	0	0	0	0
LM-13-04	461.5	462	0	0	0	0	0
LM-13-04	462	462.5	0	0	0	0	0
LM-13-04	462.5	463	0	0	0	0	0
LM-13-04	463	463.5	0	0	0	0	0
LM-13-04	463.5	464	0	0	0	0	0
LM-13-04	464	464.5	0	0	0	0	0
LM-13-04	464.5	465	0	0	0	0	0
LM-13-04	465	465.5	0	0	0	0	0
LM-13-04	465.5	466	0	0	0	0	0
LM-13-04	466	466.5	0	0	0	0	0
LM-13-04	466.5	467	0	0	0	0	0
LM-13-04	467	467.5	0	0	0	0	0
LM-13-04	467.5	468	0	0	0	0	0
LM-13-04	468	468.5	0	0	0	0	0
LM-13-04	468.5	469	0	0	0	0	0
LM-13-04	469	469.5	0	0	0.3	2203.46	0
LM-13-04	469.5	470	0	0	0	0	0
LM-13-04	470	470.5	2344.52	0	0	0	0
LM-13-04	470.5	471	0	0	0	0	0
LM-13-04	471	471.5	0	0	0	0	0
LM-13-04	471.5	472	0	0	0	0	0
LM-13-04	472	472.5	0	0	0.29	2205.47	0.84
LM-13-04	472.5	473	2316	0	0.58	2207.72	0

hole_id	depth_from	depth_to	paragonite_muscovite_pct	muscovite_pct	muscovite_phengite_pct	phengite_pct	chlorite_2250L
LM-13-04	459	459.5	0	0	100	0	0
LM-13-04	459.5	460	0	0	0	0	0
LM-13-04	460	460.5	0	0	0	0	0
LM-13-04	460.5	461	0	0	0	0	0
LM-13-04	461	461.5	0	0	0	0	0
LM-13-04	461.5	462	0	0	0	0	0
LM-13-04	462	462.5	0	0	0	0	0
LM-13-04	462.5	463	0	0	0	0	0
LM-13-04	463	463.5	0	0	0	0	0
LM-13-04	463.5	464	0	0	0	0	0
LM-13-04	464	464.5	0	0	0	0	0
LM-13-04	464.5	465	0	0	0	0	0
LM-13-04	465	465.5	0	0	0	0	0
LM-13-04	465.5	466	0	0	0	0	0
LM-13-04	466	466.5	0	0	0	0	0
LM-13-04	466.5	467	0	0	0	0	0
LM-13-04	467	467.5	0	0	0	0	0
LM-13-04	467.5	468	0	0	0	0	0
LM-13-04	468	468.5	0	0	0	0	0
LM-13-04	468.5	469	0	0	0	0	0
LM-13-04	469	469.5	0	100	0	0	0
LM-13-04	469.5	470	0	0	0	0	0
LM-13-04	470	470.5	0	0	0	0	0
LM-13-04	470.5	471	0	0	0	0	0
LM-13-04	471	471.5	0	0	0	0	0
LM-13-04	471.5	472	0	0	0	0	0
LM-13-04	472	472.5	8.4	70.87	18.77	1.12	0
LM-13-04	472.5	473	0	57.14	42.86	0	0

hole_id	depth_from	depth_to	chlorite_mg_pct	chlorite_mgfe_pct	chlorite_femg_pct	chlorite_fe_pct
LM-13-04	459	459.5	0	0	0	0
LM-13-04	459.5	460	0	0	0	0
LM-13-04	460	460.5	0	0	0	0
LM-13-04	460.5	461	0	0	0	0
LM-13-04	461	461.5	0	0	0	0
LM-13-04	461.5	462	0	0	0	0
LM-13-04	462	462.5	0	0	0	0
LM-13-04	462.5	463	0	0	0	0
LM-13-04	463	463.5	0	0	0	0
LM-13-04	463.5	464	0	0	0	0
LM-13-04	464	464.5	0	0	0	0
LM-13-04	464.5	465	0	0	0	0
LM-13-04	465	465.5	0	0	0	0
LM-13-04	465.5	466	0	0	0	0
LM-13-04	466	466.5	0	0	0	0
LM-13-04	466.5	467	0	0	0	0
LM-13-04	467	467.5	0	0	0	0
LM-13-04	467.5	468	0	0	0	0
LM-13-04	468	468.5	0	0	0	0
LM-13-04	468.5	469	0	0	0	0
LM-13-04	469	469.5	0	0	0	0
LM-13-04	469.5	470	0	0	0	0
LM-13-04	470	470.5	0	0	0	0
LM-13-04	470.5	471	0	0	0	0
LM-13-04	471	471.5	0	0	0	0
LM-13-04	471.5	472	0	0	0	0
LM-13-04	472	472.5	0	0	0	0
LM-13-04	472.5	473	0	0	0	0