

Mine Unit 1 Groundwater Quality Summary

WELL NUMBER:	SAMPLE DATE:	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Alkalinity, Carbonate (CO3)	Alkalinity, Bicarbonate (HCO3)	Sulfate (SO4)	Chloride (Cl)	Ammonia (as N)	Nitrate (NO2+NO3)	Fluoride (F)	Silica (SiO2)	Total Dissolved Solids (TDS) @ 180 C	Conductivity (uMhos/cm)	Alkalinity as CaCO3 (Alk)	pH	Aluminum (Al)	Arsenic (As)	Barium (Ba)	Boron (B)	Cadmium (Cd)	Chromium (Cr)	Copper (Cu)	Iron (Fe)	Lead (Pb)	Manganese (Mn)	Mercury (Hg)	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Vanadium (V)	Zinc (Zn)	Uranium (Unit as mg/L U)	Radium-226 (Ra226) pCi/L	
	Method Detection Limit	1	1	1	1	5	5	1	1	0.1	0.1	0.1	1.0	10	5	5	1-14	0.1	0.001	0.1	0.1	0.001	0.01	0.01	0.05	0.01	0.01	0.01	0.05	0.001	0.1	0.01	0.0003	0.2		
	RTV	72.62	17.36	22.53	7.27	0.1	228.19	113.1	4.2	0.05	0.30	0.32	17.0	329.8	572.5	185.88	7.40	NE	0.001	NE	0.10	0.01	0.05	NE	0.05	NE	0.02	NE	0.1	0.001	0.1	0.01	0.0645	726		
	Class of Use	NA	NA	NA	NA	NA	NA	II (200)	II (100)	I (0.5)	I (1.0)	I (4.0)	NA	I (500)	NA	NA	III (6.5-8.5)	II (5.0)	I (0.05)	I (2.0)	II (0.75)	II (0.01)	III (0.05)	II (0.2)	I (0.3)	I (0.015)	I (0.05)	I (0.002)	NA	II (0.2)	II (0.02)	II (0.1)	II (2.0)	NA	I (5)	
	MCL Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00	4	NA	NA	NA	NA	NA	NA	0.01	2	NA	0.005	0.1	1.3	NA	0.015	NA	0.002	NA	NA	0.05	NA	NA	0.03	5	
	MCL Secondary	NA	NA	NA	NA	NA	NA	250.0	250.0	NA	NA	2	NA	500.0	NA	NA	NA	0.05-0.2	NA	NA	NA	NA	NA	1	0.3	NA	0.05	NA	NA	NA	NA	5	NA	NA	NA	
B-001	09-16-14	27	7	11	5	ND	97	45	5	0.2	ND	ND	13	180	284	80	7.6	ND	0.031	ND	ND	ND	ND	ND	1.34	ND	0.05	ND	ND	ND	ND	ND	ND	0.04	129	
B-001	12-15-14	31	8	11	5	ND	117	42	7	0.4	ND	0.2	13	200	329	96	7.4	ND	0.012	ND	ND	ND	ND	ND	2.22	ND	0.08	ND	ND	ND	ND	ND	ND	0.02	120	
B-001	03-16-15	40	11	13	6	ND	125	74	11	ND	ND	ND	13	250	402	102	7.5	ND	0.019	ND	ND	ND	ND	ND	2.42	ND	0.08	ND	ND	ND	ND	ND	ND	0.03	236	
B-001	06-15-15	43	12	15	6	ND	130	73	10	ND	ND	ND	14	250	389	107	7.3	ND	0.019	ND	ND	ND	ND	ND	2.69	ND	0.08	ND	ND	ND	ND	ND	ND	0.03	213	
B-001	09-09-15	45	13	13	6	ND	125	91	14	ND	ND	ND	13	280	504	103	7.5	ND	0.030	ND	ND	ND	ND	ND	2.31	ND	0.07	ND	ND	ND	ND	ND	ND	0.05	223	
B-001	12-10-15	47	13	15	7	ND	140	91	10	0.2	ND	ND	13	270	481	114	7.5	ND	0.031	ND	ND	ND	ND	ND	2.38	ND	0.07	ND	ND	ND	ND	ND	ND	0.07	244	
B-001	03-08-16	44	12	15	7	ND	126	76	9	ND	ND	ND	14	240	409	104	7.6	ND	0.025	ND	ND	ND	ND	ND	2.04	ND	0.06	ND	ND	ND	ND	ND	ND	0.04	296	
B-001	06-07-16																																			
B-001	09-28-16	36				ND	115	74																											264	
B-001	12-13-16																																		223	
B-001	03-07-17	37	10	14	6	ND	120	73	10	0.2	ND	0.2	13	250	333	98		ND	0.020	ND	ND	ND	ND	ND	0.55	ND	0.05	ND	ND	ND	ND	ND	ND	0.08	232	
B-002	09-16-14	58	14	12	7	ND	148	92	14	ND	ND	0.2	12	330	476	121	7.8	ND	0.005	ND	ND	ND	ND	ND	0.23	ND	0.06	ND	ND	ND	ND	0.002	ND	ND	1.72	295
B-002	12-15-14	77	20	17	8	ND	234	99	19	0.6	ND	0.2	12	410	659	192	7.4	ND	0.005	ND	ND	ND	ND	ND	0.63	ND	0.08	ND	ND	ND	ND	0.033	ND	ND	2.28	627
B-002	03-16-15	76	20	17	8	ND	247	107	18	0.2	ND	0.2	12	490	674	203	7.7	ND	0.007	ND	ND	ND	ND	ND	0.55	ND	0.08	ND	ND	ND	0.014	ND	ND	2.31	427	
B-002	06-15-15	74	19	19	8	ND	258	96	14	0.4	ND	0.2	13	390	593	211	7.6	ND	0.006	ND	ND	ND	ND	ND	0.51	ND	0.08	ND	ND	ND	0.099	ND	ND	1.59	406	
B-002	09-09-15	67	17	16	7	ND	215	93	13	ND	ND	0.2	12	370	632	177	7.7	ND	0.007	ND	ND	ND	ND	ND	0.45	ND	0.07	ND	ND	ND	0.003	ND	ND	1.56	401	
B-002	12-09-15	64	16	16	8	ND	212	84	11	0.3	ND	0.2	12	330	543	174	7.7	ND	0.004	ND	ND	ND	ND	ND	0.44	ND	0.07	ND	ND	ND	0.003	ND	ND	1.27	332	
B-002	03-08-16	63	16	16	8	ND	199	80	11	ND	ND	0.2	13	300	522	163	7.7	ND	0.004	ND	ND	ND	ND	ND	0.43	ND	0.07	ND	ND	ND	0.002	ND	ND	0.79	458	
B-002	06-07-16																																			
B-002	09-28-16																																			
B-002	12-13-16																																			
B-002	03-07-17	50	12	15	7	ND	179	71	9	0.3	ND	0.2	12	300	375	147		ND	0.004	ND	ND	ND	ND	ND	0.36	ND	0.06	ND	ND	ND	ND	ND	ND	0.85	296	
B-003	09-15-14	52	12	15	7	ND	143	104	5	ND	ND	0.2	14	300	465	117	7.7	ND	0.011	ND	ND	ND	ND	ND	3.19	ND	0.13	ND	ND	ND	0.036	ND	ND	0.38	754	
B-003	12-15-14	55	14	14	7	ND	162	104	6	ND	ND	0.2	14	320	499	133	7.3	ND	0.018	ND	ND	ND	ND	ND	5.51	ND	0.15	ND	ND	ND	0.087	ND	ND	0.23	406	
B-003	03-16-15	56	14	15	7	ND	163	111	6	ND	ND	0.2	13	320	509	134	7.4	ND	0.014	ND	ND	ND	ND	ND	4.99	ND	0.15	ND	ND	ND	0.057	ND	ND	0.25	938	
B-003	06-15-15	57	14	17	7	ND	171	111	5	ND	ND	0.2	14	330	493	140	7.3	ND	0.014	ND	ND	ND	ND	ND	5.07	ND	0.16	ND	ND	ND	0.063	ND	ND	0.27	861	
B-003	09-09-15	58	14	15	7	ND	166	114	5	ND	ND	0.2	13	350	565	136	7.6	ND	0.015	ND	ND	ND	ND	ND	4.61	ND	0.16	ND	ND	ND	0.059	ND	ND	0.42	961	
B-003	12-10-15	58	14	17	7	ND	166	113	5	ND	ND	0.2	13	320	525	136	7.5	ND	0.007	ND	ND	ND	ND	ND	2.63	ND	0.14	ND	ND	ND	0.014	ND	ND	1.02	756	
B-003	03-08-16	68	16	19	8	ND	177	118	5	ND	0.3	0.2	14	340	541	145	7.6	ND	0.009	ND	ND	ND	ND	ND	4.13	ND	0.16	ND	ND	ND	0.019	ND	ND	0.51	1250	
B-003	06-07-16	60															7.5																			
B-003	09-28-16	58				ND	169	118						360		139																			1.04	
B-003	12-13-16	66												330		165																			0.97	
B-003	03-07-17	63	15	19	8	ND	167	120	5	ND	ND	0.2	13	360	514	137		ND	0.007	ND	ND	ND	ND	ND	2.58	ND	0.14	ND	ND	ND	0.009	ND	ND	0.90	852	
B-004	09-15-14	57	13	17	6	ND	166	106	6	ND	ND	ND	11	330	441	136	7.8	ND	0.017	ND	ND	ND	ND	ND	0.32	ND	0.07	ND	ND	ND	ND	ND	ND	4.25	669	
B-004	12-15-14	62	15	19	6	ND	179	126	7	ND	ND	ND	11	360	543	147	7.4	ND	0.027	ND	ND	ND	ND	ND	1.52	ND	0.10	ND	ND	ND	0.003	ND	ND	5.48	711	
B-004	03-16-15	65	16	19	7	ND	189	124	8	ND	ND	ND	12	440	565	155	7.6	ND	0.032	ND	ND	ND	ND	ND	2.29	ND	0.10	ND	ND	ND	0.003	ND	ND	3.42	641	
B-004	06-15-15	66	16	21	8	ND	192	119	6	0.2	ND	ND	12	360	536	158	7.4	ND	0.038	ND	ND	ND	ND	ND	2.63</											

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	Method Detection Limit	1	1	1	1	5	5	1	1	0.1	0.1	0.1	1.0	10	5	5	1-14	0.1	0.001	0.1	0.1	0.001	0.01	0.01	0.05	0.01	0.01	0.01	0.05	0.05	0.01	0.01	0.0003	0.2	
	RTV	72.62	17.36	22.53	7.27	0.1	228.19	113.1	4.2	0.05	0.30	0.32	17.0	329.8	572.5	185.88	7.40	NE	NE	NE	0.10	0.01	0.05	NE	0.05	NE	0.02	NE	0.1	NE	0.001	0.1	0.01	0.0645	726
	Class of Use	NA	NA	NA	NA	NA	NA	II (200)	II (100)	I (0.5)	I (1.0)	I (4.0)	NA	I (500)	NA	NA	III (6.5-8.5)	II (5.0)	I (0.05)	I (2.0)	II (0.75)	II (0.01)	III (0.05)	II (0.2)	I (0.3)	I (0.015)	I (0.05)	I (0.002)	NA	II (0.2)	II (0.02)	II (0.1)	II (2.0)	NA	I (5)
	MCL Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00	4	NA	NA	NA	NA	NA	NA	0.01	2	NA	0.005	0.1	1.3	NA	0.015	NA	0.002	NA	NA	0.05	NA	NA	0.03	5
	MCL Secondary	NA	NA	NA	NA	NA	NA	250.0	250.0	NA	NA	2	NA	500.0	NA	NA	NA	0.05-0.2	NA	NA	NA	NA	NA	1	0.3	NA	0.05	NA	NA	NA	NA	5	NA	NA	NA
B-008	09-15-14	69	17	14	8	ND	199	95	19	ND	ND	0.2	12	390	568	163	7.8	ND	0.012	ND	ND	ND	ND	ND	1.02	ND	0.08	ND	ND	ND	0.010	ND	ND	1.07	556
B-008	12-15-14	54	14	11	7	ND	178	57	16	ND	ND	0.2	11	280	469	146	7.7	ND	0.013	ND	ND	ND	ND	ND	1.14	ND	0.07	ND	ND	ND	0.047	ND	ND	0.89	403
B-008	03-16-15	50	12	12	6	ND	188	45	21	ND	ND	0.3	11	320	455	154	7.9	ND	0.012	ND	ND	ND	ND	ND	1.37	ND	0.07	ND	ND	0.060	ND	ND	0.46	458	
B-008	06-15-15	48	11	12	6	ND	182	48	15	ND	ND	0.2	11	240	412	149	7.9	ND	0.009	ND	ND	ND	ND	ND	0.88	ND	0.07	ND	ND	0.059	ND	ND	0.74	438	
B-008	09-09-15	51	12	12	7	ND	174	56	11	ND	ND	0.2	11	270	468	143	7.9	ND	0.008	ND	ND	ND	ND	ND	0.82	ND	0.07	ND	ND	0.039	ND	ND	0.94	444	
B-008	12-09-15	58	14	13	8	ND	199	70	11	0.2	ND	0.3	11	290	498	163	7.8	ND	0.005	ND	ND	ND	ND	ND	0.64	ND	0.07	ND	ND	0.013	ND	ND	1.30	460	
B-008	03-08-16	60	15	13	7	ND	192	67	10	ND	ND	0.2	12	280	487	157	7.9	ND	0.004	ND	ND	ND	ND	ND	0.70	ND	0.07	ND	ND	0.007	ND	ND	0.90	544	
B-008	06-07-16																																		
B-008	09-28-16																																		
B-008	12-14-16																																		
B-008	03-08-17	53	13	12	8	ND	181	58	8	0.2	ND	0.3	11	270	339	149		ND	0.005	ND	ND	ND	ND	ND	0.57	ND	0.06	ND	ND	0.003	ND	ND	0.83	461	
B-009	09-15-14	93	22	17	9	ND	238	127	22	ND	ND	ND	16	500	722	195	7.7	ND	0.006	ND	ND	ND	ND	ND	1.83	ND	0.15	ND	ND	0.011	ND	ND	1.29	302	
B-009	12-15-14	73	18	14	8	ND	220	92	17	ND	ND	0.2	14	390	605	180	7.5	ND	0.009	ND	ND	ND	ND	ND	2.05	ND	0.11	ND	ND	0.005	ND	ND	1.11	246	
B-009	03-16-15	62	16	15	8	ND	211	89	16	0.7	ND	0.2	14	360	558	173	7.8	ND	0.025	ND	ND	ND	ND	ND	3.46	ND	0.17	ND	ND	0.008	ND	ND	0.93	227	
B-009	06-15-15	70	17	16	8	ND	210	97	14	0.3	ND	0.2	14	360	543	172	7.6	ND	0.016	ND	ND	ND	ND	ND	2.74	ND	0.17	ND	ND	0.003	ND	ND	0.93	251	
B-009	09-09-15	53	13	12	7	ND	208	46	10	1.3	ND	0.2	14	280	502	171	8	ND	0.048	ND	ND	ND	ND	ND	3.14	ND	0.13	ND	ND	0.005	ND	ND	0.62	185	
B-009	12-09-15	77	18	15	8	ND	238	100	16	0.4	ND	0.2	14	390	637	195	7.7	ND	0.015	ND	ND	ND	ND	ND	2.26	ND	0.17	ND	ND	0.002	ND	ND	1.06	213	
B-009	03-08-16	80	19	16	8	ND	228	101	16	0.4	ND	0.2	15	370	617	187	7.8	ND	0.016	ND	ND	ND	ND	ND	2.44	ND	0.17	ND	ND	0.002	ND	ND	0.87	280	
B-009	06-07-16																																		
B-009	09-28-16																																		
B-009	12-14-16																																		
B-009	03-08-17	87	20	18	8	ND	260	121	19	0.2	ND	0.2	14	460	668	213		ND	0.009	ND	ND	ND	ND	ND	1.53	ND	0.17	ND	ND	0.004	ND	ND	0.90	303	
B-010	09-15-14	80	18	16	9	ND	227	101	15	ND	ND	ND	13	420	635	186	7.9	ND	0.003	ND	ND	ND	ND	ND	0.48	ND	0.08	ND	ND	0.055	ND	ND	1.23	235	
B-010	12-15-14	82	20	16	9	ND	242	96	17	ND	ND	0.2	13	430	655	199	7.7	ND	0.004	ND	ND	ND	ND	ND	0.42	ND	0.08	ND	ND	0.065	ND	ND	1.25	275	
B-010	03-16-15	101	24	19	10	ND	293	138	25	ND	ND	ND	13	620	796	240	7.9	ND	0.002	ND	ND	ND	ND	ND	0.45	ND	0.1	ND	ND	0.030	ND	ND	2.04	354	
B-010	06-15-15	133	32	23	13	ND	377	179	32	ND	ND	ND	15	710	987	309	7.8	ND	0.003	ND	ND	ND	ND	ND	0.83	ND	0.14	ND	ND	0.055	ND	ND	3.09	431	
B-010	09-09-15	98	25	18	10	ND	287	141	25	ND	ND	ND	13	530	846	235	7.9	ND	0.002	ND	ND	ND	ND	ND	0.46	ND	0.11	ND	ND	0.003	ND	ND	2.29	320	
B-010	12-09-15	107	26	19	11	ND	309	148	26	ND	ND	ND	14	550	849	253	7.8	ND	ND	ND	ND	ND	ND	ND	0.49	ND	0.12	ND	ND	0.006	ND	ND	2.63	320	
B-010	03-08-16	117	29	20	10	ND	310	152	28	ND	ND	ND	15	540	861	254	7.9	ND	ND	ND	ND	ND	ND	ND	0.55	ND	0.12	ND	ND	0.004	ND	ND	2.08	349	
B-010	06-07-16																																		
B-010	09-28-16					ND	334	152						570																					
B-010	12-15-16							134	25																		0.11								
B-010	03-08-17	102	23	19	10	ND	295	140	26	ND	ND	0.2	13	540	756	242		ND	ND	ND	ND	ND	ND	ND	0.41	ND	0.11	ND	ND	0.004	ND	ND	2.24	360	
B-011	09-16-14	50	11	11	6	ND	167	57	10	ND	ND	0.2	13	270	421	137	8	ND	0.006	ND	ND	ND	ND	ND	0.73	ND	0.05	ND	ND	0.006	ND	ND	0.65	187	
B-011	12-15-14	60	14	12	7	ND	202	69	13	ND	ND	0.2	13	320	488	166	7.8	ND	0.002	ND	ND	ND	ND	ND	ND	ND	0.04	ND	ND	0.023	ND	ND	1.50	215	
B-011	03-16-15	68	16	14	7	ND	223	76	13	ND	ND	0.2	12	360	546	183	7.9	ND	0.002	ND	ND	ND	ND	ND	0.07	ND	0.05	ND	ND	0.005	ND	ND	1.40	249	
B-011	06-15-15	80	18	17	8	ND	273	88	14	ND	ND	0.2	13	400	614	224	7.9	ND	0.003	ND	ND	ND	ND	ND	0.32	ND	0.07	ND	ND	0.014	ND	ND	1.67	292	
B-011	09-09-15	62	15	12	7	ND	223	71	12	ND	ND	0.																							

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	Method Detection Limit	1	1	1	1	5	5	1	1	0.1	0.1	0.1	1.0	10	5	5	1-14	0.1	0.001	0.1	0.1	0.001	0.01	0.01	0.05	0.01	0.01	0.001	0.01	0.05	0.001	0.1	0.01	0.0003	0.2	
	RTV	72.62	17.36	22.53	7.27	0.1	228.19	113.1	4.2	0.05	0.30	0.32	17.0	329.8	572.5	185.88	7.40	NE	0.001	NE	0.10	0.01	0.05	NE	0.05	NE	0.02	NE	0.1	NE	0.001	0.1	0.01	0.0645	726	
	Class of Use	NA	NA	NA	NA	NA	NA	II (200)	II (100)	I (0.5)	I (1.0)	I (4.0)	NA	I (500)	NA	NA	III (6.5-8.5)	II (5.0)	I (0.05)	I (2.0)	II (0.75)	II (0.01)	III (0.05)	II (0.2)	I (0.3)	I (0.015)	I (0.05)	I (0.002)	NA	II (0.2)	II (0.02)	II (0.1)	II (2.0)	NA	I (5)	
	MCL Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00	4	NA	NA	NA	NA	NA	NA	0.01	2	NA	0.005	0.1	1.3	NA	0.015	NA	0.002	NA	NA	0.05	NA	NA	0.03	5	
	MCL Secondary	NA	NA	NA	NA	NA	NA	250.0	250.0	NA	NA	2	NA	500.0	NA	NA	NA	0.05-0.2	NA	NA	NA	NA	NA	1	0.3	NA	0.05	NA	NA	NA	NA	NA	5	NA	NA	
B-015	09-16-14	41	10	10	6	ND	125	61	10	ND	ND	0.2	14	230	353	102	7.8	ND	0.025	ND	ND	ND	ND	ND	1.34	ND	0.07	ND	ND	ND	ND	ND	ND	0.24	579	
B-015	12-15-14	29	6	9	4	ND	102	34	12	ND	ND	0.2	13	180	279	84	7.6	ND	0.026	ND	ND	ND	ND	ND	1.42	ND	0.05	ND	ND	ND	ND	ND	ND	0.08	480	
B-015	03-16-15	24	5	8	4	ND	100	19	9	0.2	ND	0.3	13	130	232	82	7.8	ND	0.027	ND	ND	ND	ND	ND	1.14	ND	0.04	ND	ND	ND	ND	ND	ND	0.06	406	
B-015	06-15-15	23	5	8	4	ND	95	22	5	0.2	ND	0.3	13	120	209	79	7.7	ND	0.029	ND	ND	ND	ND	ND	1.10	ND	0.04	ND	ND	ND	ND	ND	ND	0.07	349	
B-015	09-09-15	22	5	8	4	ND	91	21	4	ND	ND	0.2	13	140	233	75	7.9	ND	0.027	ND	ND	ND	ND	ND	1.07	ND	0.04	ND	ND	ND	ND	ND	ND	0.06	335	
B-015	12-09-15	21	5	8	4	ND	91	23	2	ND	ND	0.2	13	120	208	75	7.7	ND	0.022	ND	ND	ND	ND	ND	1.07	ND	0.04	ND	ND	ND	ND	ND	ND	0.08	296	
B-015	03-08-16	23	5	8	4	ND	92	24	2	ND	ND	0.2	15	130	220	76	7.7	ND	0.020	ND	ND	ND	ND	ND	1.26	ND	0.04	ND	ND	ND	ND	ND	ND	0.06	417	
B-015	06-07-16																																			
B-015	09-28-16																																			
B-015	12-15-16																																			
B-015	03-07-17	26	6	9	5	ND	101	33	3	ND	ND	0.2	14	160	230	83		ND	0.022	ND	ND	ND	ND	ND	1.32	ND	0.05	ND	ND	ND	ND	ND	ND	0.11	410	
B-016	09-15-14	51	13	11	8	ND	146	81	10	0.4	ND	0.2	14	290	410	120	7.9	ND	0.005	ND	ND	ND	ND	ND	4.65	ND	0.10	ND	ND	ND	ND	ND	ND	0.31	265	
B-016	12-15-14	51	13	11	7	ND	159	80	12	ND	ND	0.2	13	300	453	131	7.6	ND	0.008	ND	ND	ND	ND	ND	4.49	ND	0.10	ND	ND	ND	ND	ND	ND	0.37	250	
B-016	03-16-15	49	13	13	7	ND	163	81	11	0.2	ND	0.2	13	300	457	134	7.6	ND	0.011	ND	ND	ND	ND	ND	4.99	ND	0.11	ND	ND	ND	ND	ND	ND	0.35	260	
B-016	06-15-15	54	14	14	8	ND	172	81	10	0.2	ND	0.2	14	290	451	141	7.5	ND	0.012	ND	ND	ND	ND	ND	6.33	ND	0.11	ND	ND	ND	ND	ND	ND	0.39	265	
B-016	09-09-15	47	13	11	7	ND	159	69	9	0.2	ND	0.2	12	270	475	131	8.1	ND	0.008	ND	ND	ND	ND	ND	4.00	ND	0.10	ND	ND	ND	ND	ND	ND	0.28	257	
B-016	12-09-15	47	12	11	7	ND	155	69	9	0.2	ND	0.2	13	250	416	127	7.7	ND	0.004	ND	ND	ND	ND	ND	2.38	ND	0.09	ND	ND	ND	ND	ND	ND	0.27	207	
B-016	03-08-16	50	13	12	7	ND	156	67	9	0.3	ND	0.2	14	260	436	128	7.8	ND	0.004	ND	ND	ND	ND	ND	2.61	ND	0.09	ND	ND	ND	ND	ND	ND	0.23	276	
B-016	06-07-16																																			
B-016	09-28-16																								2.54											
B-016	12-15-16																																			
B-016	03-08-17	42	10	11	7	ND	146	63	8	0.3	ND	0.2	13	240	341	120		ND	0.005	ND	ND	ND	ND	ND	2.60	ND	0.08	ND	ND	ND	ND	ND	ND	0.27	240	
B-017	09-15-14	40	10	11	6	ND	122	61	8	ND	ND	0.2	12	220	356	100	8	ND	0.021	ND	ND	ND	ND	ND	1.58	ND	0.05	ND	ND	ND	ND	ND	0.00	0.22	155	
B-017	12-15-14	39	10	11	6	ND	121	58	9	ND	ND	0.2	12	220	347	99	7.7	ND	0.020	ND	ND	ND	ND	ND	1.15	ND	0.05	ND	ND	ND	0.002	ND	ND	0.28	137	
B-017	03-16-15	42	11	12	6	ND	131	69	13	0.2	ND	0.2	11	240	392	107	7.7	ND	0.037	ND	ND	ND	ND	ND	1.76	ND	0.05	ND	ND	ND	ND	ND	ND	0.31	142	
B-017	06-15-15	50	12	15	7	ND	142	81	15	ND	ND	0.2	12	280	431	116	7.7	ND	0.032	ND	ND	ND	ND	ND	1.58	ND	0.06	ND	ND	ND	ND	ND	ND	0.48	164	
B-017	09-09-15	51	13	13	6	ND	150	86	16	ND	ND	0.2	11	310	514	123	8	ND	0.028	ND	ND	ND	ND	ND	1.36	ND	0.06	ND	ND	ND	ND	ND	ND	0.55	159	
B-017	12-09-15	52	13	14	7	ND	150	78	15	ND	ND	0.2	12	280	461	123	7.9	ND	0.024	ND	ND	ND	ND	ND	1.32	ND	0.06	ND	ND	ND	ND	ND	ND	0.43	139	
B-017	03-08-16	59	15	15	7	ND	155	85	17	0.2	ND	0.2	13	300	495	127	7.9	ND	0.025	ND	ND	ND	ND	ND	1.67	ND	0.06	ND	ND	ND	ND	ND	ND	0.33	196	
B-017	06-07-16	55																																		
B-017	09-28-16	57				ND	168							340																						
B-017	12-15-16	56						86	16					310																						
B-017	03-08-17	56	14	14	7	ND	170	89	16	0.2	ND	0.2	12	310	487	139		ND	0.027	ND	ND	ND	ND	ND	1.43	ND	0.06	ND	ND	ND	ND	ND	ND	0.41	193	
B-018	09-16-14	59	13	14	7	ND	182	71	13	ND	ND	0.2	13	310	477	149	8.2	ND	0.004	ND	ND	ND	ND	ND	0.92	ND	0.14	ND	ND	ND	ND	ND	0.00	0.31	190	
B-018	12-15-14	45	10	10	6	ND	158	46	10	ND	ND	0.2	12	240	360	129	7.9	ND	0.006	ND	ND	ND	ND	ND	1.10	ND	0.15	ND	ND	ND	0.002	ND	ND	0.18	169	
B-018	03-16-15	37	9	10	6	ND	135	41	8	ND	ND	0.2	12	200	332	111	8.1	ND	0.005	ND	ND	ND	ND	ND	0.93	ND	0.12	ND	ND	ND	0.005	ND	ND	0.12	150	
B-018	06-15-15	36	8	10	6	ND	133	37	7	ND	ND	0.2	13	200	302	109	8	ND	0.005	ND	ND	ND	ND	ND	0.96	ND	0.12	ND	ND	ND	0.010					