

**Black Warrior Minerals
Black Warrior Mine 2
Monthly Review
March, 2019
CROSSFIELD PROPERTY LINE
33.74932, -86.85330**

#	Date	Time	Shot Location	Distance	Scaled Distance	Max lbs	PPV (in/s)	Freq (Hz)	Overpressure (dBL)
1	03/01/2019	12:56	New Castle	926	37.6	607	0.72	15.5	118
2	03/04/2019	13:38	Mary Lee	1809	46.2	1533	0.24	13.1	111
3	03/07/2019	13:51	Mary Lee	1619	40.7	1586	0.32	11.9	123
4	03/08/2019	12:45	Blue Creek	2425	192.4	159	< 0.04	-	< 130
5	03/11/2019	12:58	Blue Creek	2403	190.6	159	< 0.04	-	< 130
6	03/12/2019	12:39	Mary Lee	1667	42.6	1533	0.40	13.8	117
7	03/13/2019	12:42	New Castle	1113	42.9	673	1.06	9.6	125
8	03/14/2019	12:48	Blue Creek	2269	180.0	159	< 0.04	-	< 130
9	03/18/2019	14:29	Blue Creek	2134	169.3	159	< 0.04	-	< 130
10	03/19/2019	12:55	Mary Lee	1424	36.4	1533	0.34	11.1	119
11	03/22/2019	12:39	Blue Creek	2025	160.6	159	< 0.04	-	< 130
12	03/25/2019	13:49	Mary Lee	1230	31.4	1533	0.47	13.8	116
13	03/26/2019	12:43	Blue Creek	2017	160.0	159	< 0.04	-	< 130
14	03/27/2019	14:18	Blue Creek	1866	148.0	159	< 0.04	-	< 130
15	03/29/2019	12:38	Mary Lee	1230	44.4	767	0.82	14.2	125
MAX							1.06 (in/s)	125 (dBL)	