APPENDIX A: HOURLY AIR QUALITY AND METEOROLOGICAL DATA, THIRD QUARTER 2012

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Speed (meters per second)
July 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.8	8.7	5.9	2.4	2.0	1.4	2.3	1.5	2.7	4.3	4.6	2.9	4.3	7.1	6.0	3.7	5.5	5.9	8.3	4.2	2.5	3.5	3.6	2.4	4.1	8.7	1.4
2	2.0	1.4	1.0	1.1	0.9	1.7	1.1	0.9	1.3	2.9	3.1	3.1	2.2	1.9	3.3	4.1	3.1	4.2	3.8	4.3	2.1	1.5	5.9	9.3	2.8	9.3	0.9
3	9.8	6.0	1.6	2.2	2.3	2.8	3.4	5.6	5.7	7.0	7.7	7.5	6.3	4.9	4.4	4.2	4.8	5.6	7.1	5.3	4.7	7.0	5.6	6.3	5.3	9.8	1.6
4	4.0	1.6	1.3	1.7	2.2	1.4	1.3	3.5	4.5	3.5	3.3	2.9	3.8	3.7	3.8	3.2	3.2	2.5	3.0	1.4	2.4	1.3	1.5	1.8	2.6	4.5	1.3
5	1.1	0.9	1.0	0.9	1.1	0.7	0.7	1.7	5.2	2.9	2.4	1.4	1.5	2.5	5.0	5.6	6.5	7.6	5.9	3.6	2.6	2.9	3.2	2.2	2.9	7.6	0.7
6	2.8	1.8	1.4	1.5	0.9	0.9	1.2	0.9	1.9	2.2	2.3	1.3	2.2	3.0	1.9	1.9	4.6	3.3	3.6	2.8	2.4	2.3	2.7	1.7	2.1	4.6	0.9
7	1.2	2.2	1.2	1.0	1.5	1.3	1.5	3.8	3.0	4.5	2.8	3.9	2.9	2.0	2.5	2.9	3.4	1.9	2.7	3.2	3.6	3.1	3.8	2.2	2.6	4.5	1.0
8	1.7	2.4	2.5	1.5	1.4	1.2	0.8	0.8	1.2	1.2	2.7	3.9	3.6	3.0	4.3	3.2	3.6	2.6	5.4	4.8	4.5	5.5	5.7	4.4	3.0	5.7	0.8
9	5.3	3.7	3.3	2.7	2.1	2.0	0.9	0.6	0.8	1.0	1.4	1.9	1.5	2.7	2.8	2.3	3.4	2.8	3.2	3.8	3.7	2.6	3.5	4.9	2.6	5.3	0.6
10	2.1	2.1	2.0	2.2	1.1	1.4	0.9	0.8	1.6	3.2	5.2	2.8	3.3	5.0	4.4	4.1	2.6	1.9	5.6	7.2	1.5	1.2	1.6	1.9	2.7	7.2	0.8
11	2.6	2.0	1.2	1.4	1.4	1.6	1.5	1.8	0.9	1.7	2.1	3.0	3.9	3.4	2.2	2.3	2.6	5.1	2.5	1.4	1.7	2.3	2.1	2.6	2.2	5.1	0.9
12	2.6	2.4	2.2	1.8	1.8	1.3	1.0	0.7	0.9	1.2	2.7	3.2	4.5	2.7	3.0	3.3	2.5	1.8	1.3	1.0	2.8	3.5	2.4	1.7	2.2	4.5	0.7
13	0.8	0.9	0.6	0.6	0.6	1.0	1.8	2.6	1.2	1.6	3.5	2.0	2.7	1.8	2.6	2.4	3.2	2.7	2.1	6.7	6.3	2.9	2.1	0.9	2.2	6.7	0.6
14	0.8	1.1	1.2	1.3	1.2	0.7	1.0	0.9	0.7	1.0	2.6	5.3	4.9	4.9	4.6	3.7	2.4	1.4	1.3	1.7	3.5	2.2	1.8	1.7	2.2	5.3	0.7
15	1.2	1.1	1.1	0.7	0.8	0.8	1.2	1.6	1.5	1.2	2.8	3.3	3.8	5.2	6.9	4.1	4.1	5.1	2.9	2.1	1.4	1.3	2.2	2.6	2.5	6.9	0.7
16	1.8	1.4	2.4	1.3	1.3	0.7	1.0	0.9	1.0	1.5	1.8	1.5	2.3	2.1	4.5	4.6	5.4	3.0	2.3	1.6	1.3	0.9	0.8	0.6	1.9	5.4	0.6
17	0.6	0.8	0.6	0.6	1.2	1.1	0.6	2.5	3.5	3.3	4.8	4.9	5.4	6.0	5.2	4.1	4.1	4.3	2.7	3.9	2.8	5.2	4.3	3.6	3.2	6.0	0.6
18	3.0	2.6	2.6	2.6	2.5	1.7	1.2	0.7	1.4	3.5	2.9	4.7	5.8	4.7	5.0	5.5	4.3	5.4	5.0	2.8	2.2	2.1	3.1	2.2	3.2	5.8	0.7
19	3.1	2.3	1.1	2.0	1.2	1.2	1.0	0.7	0.7	1.7	3.5	2.6	2.8	3.6	3.0	3.1	2.2	0.8	1.3	2.0	3.7	3.4	3.6	2.4	2.2	3.7	0.7
20	1.5	0.7	0.7	1.6	1.8	1.8	1.7	1.4	1.5	3.2	3.5	4.5	4.3	4.3	4.0	3.7	4.4	7.4	4.6	5.0	3.6	1.4	1.9	1.9	2.9	7.4	0.7
21	2.2	1.1	0.7	1.9	1.3	1.1	0.7	0.7	1.1	1.8	2.0	4.7	5.4	5.4	4.6	4.7	4.7	4.5	3.4	4.1	2.8	1.4	1.7	1.2	2.6	5.4	0.7
22	1.2	1.3	1.0	0.8	1.2	1.1	1.0	0.9	1.9	2.7	1.7	2.1	1.7	2.1	3.2	3.8	3.0	4.6	4.6	3.9	3.5	2.7	1.4	3.4	2.3	4.6	0.8
23	1.8	1.5	1.2	1.9	2.3	3.6	3.1	2.6	4.1	4.6	4.9	5.7	6.9	6.4	4.7	4.2	6.2	4.6	3.3	1.9	1.7	2.1	1.9	1.0	3.4	6.9	1.0
24	1.7	4.8	1.7	2.6	1.7	1.3	1.1	1.3	5.2	5.5	6.9	8.3	7.0	8.2	7.8	7.3	7.0	6.2	6.0	4.1	1.3	3.6	3.4	1.1	4.4	8.3	1.1
25	2.8	1.8	1.0	1.0	0.9	0.9	0.8	0.7	1.3	4.0	3.8	4.1	4.8	4.1	4.0	4.2	4.6	3.8	5.4	6.8	2.4	0.7	1.1	1.2	2.8	6.8	0.7
26	1.1	1.2	0.7	0.7	1.1	1.1	1.0	0.7	1.1	2.4	2.3	2.1	3.1	3.0	1.9	5.1	3.0	2.4	1.8	1.1	2.1	2.3	1.2	1.2	1.8	5.1	0.7
27	1.4	1.2	0.7	0.9	1.2	1.3	0.9	1.6	4.3	2.6	2.0	2.0	1.5	2.4	2.9	1.7	1.6	0.9	7.6	4.9	3.2	5.6	2.1	2.1	2.4	7.6	0.7
28	2.7	2.7	2.4	2.9	1.5	2.9	1.3	1.1	0.8	1.0	1.1	2.3	2.6	3.6	5.1	5.8	5.5	5.1	6.9	5.1	1.6	2.8	1.3	1.8	2.9	6.9	0.8
29	2.3	3.4	2.0	2.4	1.8	1.1	1.5	0.8	0.6	1.3	1.5	2.7	3.1	2.8	2.8	3.3	2.4	2.5	4.3	4.4	1.5	3.0	2.2	1.0	2.3	4.4	0.6
30	1.2	1.6	2.5	1.7	0.9	1.3	0.8	0.8	0.8	1.1	2.4	2.8	3.9	4.1	4.8	5.7	4.8	4.5	1.7	3.7	3.2	1.7	1.3	1.9	2.5	5.7	0.8
31	1.3	0.8	1.0	1.0	0.9	1.0	0.8	0.7	0.8	1.3	3.1	3.9	5.0	5.5	6.2	5.2	4.6	3.4	2.5	1.9	2.9	1.9	1.2	2.0	2.5	6.2	0.7
Avg	2.3	2.2	1.6	1.6	1.4	1.4	1.3	1.5	2.0	2.6	3.1	3.5	3.8	3.9	4.1	4.0	4.0	3.8	3.9	3.6	2.8	2.7	2.6	2.4	2.8	6.2	0.8
Max	9.8	8.7	5.9	2.9	2.5	3.6	3.4	5.6	5.7	7.0	7.7	8.3	7.0	8.2	7.8	7.3	7.0	7.6	8.3	7.2	6.3	7.0	5.9	9.3	5.3	9.8	1.6
Min	0.6	0.7	0.6	0.6	0.6	0.7	0.6	0.6	0.6	1.0	1.1	1.3	1.5	1.8	1.9	1.7	1.6	0.8	1.3	1.0	1.3	0.7	0.8	0.6	1.8	3.7	0.6

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Speed (meters per second)
August 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.3	1.6	2.4	1.4	1.4	0.8	0.9	0.9	1.0	1.9	4.2	4.2	3.9	3.9	3.2	2.9	3.2	3.5	3.1	2.1	3.0	2.2	1.9	2.2	2.4	4.2	0.8
2	1.3	1.2	1.9	1.1	0.9	1.0	0.7	0.8	2.3	4.6	6.7	7.7	6.5	6.7	7.0	6.4	5.7	4.9	4.3	5.1	4.7	3.5	2.6	3.0	3.8	7.7	0.7
3	2.9	3.0	3.5	4.6	2.5	1.4	1.3	3.5	5.4	5.3	5.4	6.7	7.1	6.7	7.0	7.7	7.2	7.1	6.5	6.1	3.4	1.6	1.8	1.3	4.5	7.7	1.3
4	1.2	1.2	1.2	0.9	1.2	0.8	1.0	0.9	1.5	1.9	1.9	2.5	2.3	2.3	2.6	2.5	2.5	1.7	0.8	1.2	3.2	2.0	1.4	1.4	1.7	3.2	0.8
5	1.4	1.7	2.6	2.3	2.2	1.8	1.3	0.7	0.8	1.4	2.5	3.3	3.7	4.2	3.8	4.3	4.4	3.0	2.2	2.8	2.4	2.8	1.8	1.6	2.5	4.4	0.7
6	0.9	0.9	1.7	1.4	1.6	1.3	0.9	1.2	1.0	1.2	1.6	2.8	4.3	4.5	5.0	6.4	7.1	3.9	1.9	4.0	1.9	2.2	1.9	1.9	2.6	7.1	0.9
7	2.2	2.0	2.1	0.8	1.1	1.0	0.7	0.7	0.9	4.0	5.2	5.5	5.8	7.5	8.3	7.3	6.7	5.2	4.5	1.4	1.9	1.8	2.1	1.7	3.4	8.3	0.7
8	1.6	1.0	1.3	1.1	0.8	1.1	1.1	0.7	2.1	4.9	4.5	3.9	4.4	5.6	5.2	6.2	5.8	3.3	2.0	5.1	4.3	5.5	2.8	0.9	3.1	6.2	0.7
9	1.5	1.2	0.9	1.1	1.0	1.2	0.9	0.6	0.8	2.5	1.9	1.8	2.8	2.9	2.8	2.7	2.5	2.3	1.0	3.1	3.6	2.0	1.8	1.5	1.9	3.6	0.6
10	2.0	1.5	2.1	5.1	4.1	2.9	2.3	3.0	2.6	3.4	3.7	3.3	4.8	3.8	4.0	5.0	4.4	2.1	2.4	1.7	1.9	3.4	2.2	5.0	3.2	5.1	1.5
11	1.9	3.5	1.5	2.1	3.7	2.7	1.3	1.2	0.8	2.9	3.6	4.9	5.3	5.5	5.4	4.1	2.6	2.0	3.2	2.0	2.9	4.1	1.6	0.7	2.9	5.5	0.7
12	0.7	0.6	1.1	0.9	0.9	0.6	0.6	1.9	5.1	6.2	6.3	4.3	4.2	3.4	2.7	2.8	2.6	3.2	4.2	3.5	1.2	3.1	4.1	2.0	2.8	6.3	0.6
13	2.4	1.6	1.6	1.6	3.1	1.9	0.9	0.8	0.8	4.3	4.4	5.0	6.0	5.3	4.3	3.7	4.0	3.3	1.8	1.9	3.1	1.6	1.7	1.8	2.8	6.0	0.8
14	1.4	1.2	1.3	1.4	1.5	1.2	0.9	0.7	2.8	7.4	6.4	6.7	6.9	8.3	6.7	6.6	8.4	8.0	7.2	4.4	7.9	9.1	6.9	5.7	5.0	9.1	0.7
15	5.0	4.8	4.6	4.8	4.2	3.5	3.2	3.0	3.9	4.3	4.0	3.4	3.8	3.9	4.2	3.6	3.1	2.9	2.8	2.3	1.4	2.5	1.9	1.4	3.4	5.0	1.4
16	3.2	1.7	1.2	2.7	3.9	3.8	3.6	4.1	3.7	3.7	2.8	2.4	2.2	3.1	3.9	3.0	2.8	2.1	2.5	3.1	2.0	2.0	1.7	0.9	2.8	4.1	0.9
17	0.9	1.6	1.3	1.2	1.2	1.2	0.6	0.6	0.7	2.2	2.6	2.8	2.8	3.9	5.0	5.7	5.6	4.7	5.5	3.1	2.1	1.3	1.3	1.1	2.5	5.7	0.6
18	1.7	1.9	1.4	1.0	1.3	0.7	1.1	0.6	0.7	1.4	1.9	2.9	2.6	3.2	2.9	1.9	2.3	4.8	5.7	2.9	3.6	3.5	2.7	2.0	2.3	5.7	0.6
19	1.5	1.4	1.0	1.0	0.7	1.1	1.0	0.7	0.8	2.0	2.4	1.9	3.3	3.6	3.9	3.1	3.6	3.1	1.4	1.9	2.7	2.7	3.4	3.1	2.1	3.9	0.7
20	2.6	1.8	0.8	0.4	0.6	0.9	0.5	0.8	0.6	1.4	2.1	3.8	4.7	4.2	4.9	4.5	4.0	3.1	2.7	3.6	2.0	1.7	1.3	0.9	2.2	4.9	0.4
21	0.8	1.3	1.1	1.9	2.1	2.4	1.7	0.8	0.7	Au	Au	Au	Au	4.4	4.7	4.8	6.7	2.8	1.9	6.7	3.3	2.0	1.3	2.8	2.7	6.7	0.7
22	2.9	2.6	2.7	2.1	2.4	2.7	1.6	1.0	0.6	2.1	4.9	5.6	7.2	8.7	8.1	7.7	6.6	5.5	3.4	1.7	2.6	3.3	1.9	2.5	3.8	8.7	0.6
23	1.6	1.4	1.6	1.0	1.3	0.6	0.9	0.8	0.5	1.2	4.7	5.2	6.4	6.6	5.6	3.8	2.1	3.0	1.2	2.3	2.0	2.1	1.9	1.3	2.5	6.6	0.5
24	0.7	1.2	0.9	1.9	1.1	1.2	0.9	0.7	3.6	6.8	10.1	9.0	9.2	10.1	10.6	10.1	9.9	9.4	6.4	5.4	2.2	1.9	2.1	2.0	4.9	10.6	0.7
25	1.9	1.2	1.3	1.0	1.2	1.0	1.3	0.7	1.2	3.9	4.3	4.9	3.8	4.6	4.2	4.5	5.3	4.6	2.0	1.7	3.4	1.9	1.3	2.7	2.7	5.3	0.7
26	1.6	2.5	1.8	0.9	1.0	0.8	0.7	0.8	3.1	5.2	7.1	6.8	5.1	4.7	4.1	4.0	5.9	5.6	2.3	3.4	2.5	2.4	1.4	1.4	3.1	7.1	0.7
27	1.6	3.1	2.5	2.2	1.5	1.4	0.8	1.1	2.2	2.4	3.2	3.6	3.9	4.5	4.0	2.6	6.4	3.2	4.3	2.7	2.3	2.5	2.4	1.4	2.7	6.4	0.8
28	1.5	1.2	1.0	0.8	0.5	1.5	1.6	0.8	0.8	2.0	3.3	4.9	6.1	7.1	5.8	5.7	6.2	5.5	4.0	2.3	1.6	1.6	1.2	1.7	2.9	7.1	0.5
29	2.0	3.2	2.5	2.6	1.4	1.2	1.2	1.1	2.8	4.6	6.5	6.6	7.4	6.7	6.8	5.6	5.4	4.5	3.5	2.1	1.4	2.1	1.7	1.2	3.5	7.4	1.1
30	1.8	0.8	0.7	0.9	1.0	1.1	0.4	1.1	0.8	4.3	3.8	3.6	5.0	3.8	4.5	3.6	3.4	1.8	3.0	3.4	3.4	2.0	1.1	0.8	2.3	5.0	0.4
31	1.1	1.0	1.2	1.0	0.9	0.9	1.6	0.9	0.8	0.8	4.2	3.4	5.5	5.7	3.6	3.0	6.1	7.9	6.3	3.6	2.1	2.2	4.0	2.2	2.9	7.9	0.8
Avg	1.8	1.8	1.7	1.7	1.7	1.5	1.2	1.2	1.8	3.3	4.2	4.4	4.9	5.1	5.0	4.7	4.9	4.1	3.4	3.1	2.8	2.7	2.2	1.9	3.0	6.2	0.8
Max	5.0	4.8	4.6	5.1	4.2	3.8	3.6	4.1	5.4	7.4	10.1	9.0	9.2	10.1	10.6	10.1	9.9	9.4	7.2	6.7	7.9	9.1	6.9	5.7	5.0	10.6	1.5
Min	0.7	0.6	0.7	0.4	0.5	0.6	0.4	0.6	0.5	0.8	1.6	1.8	2.2	2.3	2.6	1.9	2.1	1.7	0.8	1.2	1.2	1.3	1.1	0.7	1.7	3.2	0.4

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Speed (meters per second)
September 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.5	3.5	3.2	1.4	2.1	3.1	2.6	2.7	3.9	4.5	5.4	3.9	4.7	6.9	7.2	2.7	3.0	3.4	3.0	3.3	2.6	2.4	1.5	1.7	3.4	7.2	1.4
2	1.5	1.9	1.4	1.7	1.3	1.1	1.4	0.7	0.9	3.8	5.2	6.6	7.2	7.5	7.5	7.2	6.1	4.5	3.1	2.0	1.7	2.4	2.1	2.8	3.4	7.5	0.7
3	2.4	2.2	1.9	1.5	1.1	1.6	1.3	1.8	4.1	7.4	6.3	6.5	7.0	6.7	7.1	6.5	6.1	4.8	2.7	2.1	3.7	1.9	1.2	1.0	3.7	7.4	1.0
4	0.9	1.0	0.8	0.8	1.5	2.2	1.1	0.9	1.7	5.7	7.8	7.8	6.8	6.0	7.3	7.0	6.1	5.6	4.1	1.7	3.1	2.5	1.7	1.5	3.6	7.8	0.8
5	1.0	0.9	0.7	0.9	0.7	0.8	1.5	0.6	2.0	6.0	6.7	7.1	6.4	5.8	6.0	5.8	5.3	5.0	4.3	2.3	3.4	1.8	1.6	1.2	3.2	7.1	0.6
6	1.5	1.6	1.5	1.8	1.5	0.9	1.1	0.9	2.3	1.8	3.4	2.6	2.7	2.3	4.9	3.8	3.3	3.6	2.7	1.9	3.0	1.5	2.0	1.5	2.3	4.9	0.9
7	1.1	1.2	2.5	1.5	0.8	0.7	1.0	0.9	0.7	1.4	3.5	3.9	3.6	3.4	2.8	2.4	3.2	2.9	2.3	3.2	2.9	2.7	2.8	1.5	2.2	3.9	0.7
8	1.7	1.4	1.3	1.1	1.2	1.3	1.6	0.6	0.7	2.1	2.7	3.7	2.9	3.4	3.4	2.3	3.1	2.8	1.9	2.5	3.0	2.7	2.5	1.5	2.1	3.7	0.6
9	0.8	1.0	1.3	1.1	1.4	1.3	1.3	0.9	0.6	3.3	4.1	4.8	4.3	4.8	4.6	4.5	8.5	4.9	2.4	1.5	1.3	1.7	2.2	2.2	2.7	8.5	0.6
10	1.6	1.4	1.2	1.3	1.4	1.3	1.0	1.0	1.3	5.8	5.8	6.5	7.2	7.3	8.8	7.7	7.0	6.1	6.0	7.0	4.4	4.9	2.4	1.7	4.2	8.8	1.0
11	1.9	1.1	1.7	1.9	1.7	0.5	0.9	1.5	7.7	8.5	7.9	7.1	7.7	7.8	8.0	7.1	7.9	7.3	4.4	1.4	3.4	2.9	2.2	1.6	4.3	8.5	0.5
12	1.4	0.7	0.8	0.6	0.8	1.0	0.6	0.7	1.0	4.3	4.1	3.3	3.0	3.2	3.7	3.7	4.3	4.1	2.7	2.1	2.7	1.4	1.5	1.1	2.2	4.3	0.6
13	1.1	0.9	0.9	0.6	0.5	0.6	0.7	0.8	0.9	1.9	2.7	2.8	2.7	2.5	3.1	3.2	2.1	1.5	1.7	3.5	3.0	2.2	1.5	2.4	1.8	3.5	0.5
14	2.2	1.8	1.7	1.7	1.9	1.9	1.4	1.0	0.7	0.8	3.4	4.3	6.4	7.0	8.2	7.7	7.7	5.8	2.9	3.9	2.1	2.0	1.7	1.9	3.3	8.2	0.7
15	1.6	1.6	2.2	1.6	1.1	1.2	1.8	0.9	1.4	1.5	2.5	3.3	5.5	4.7	4.3	5.0	5.1	3.3	1.8	2.1	1.7	2.8	1.7	1.8	2.5	5.5	0.9
16	0.7	1.2	1.4	0.8	1.0	0.7	1.1	0.8	1.8	4.0	3.5	4.6	4.7	5.1	5.4	4.9	5.3	3.4	3.6	1.5	1.4	2.0	1.7	2.4	2.6	5.4	0.7
17	1.9	1.9	1.2	0.6	0.7	0.9	0.8	0.5	0.7	1.2	3.7	4.7	5.1	5.7	5.7	5.8	5.3	4.5	2.2	2.1	2.2	2.4	1.3	1.2	2.6	5.8	0.5
18	1.0	1.0	0.9	1.3	0.7	1.2	1.3	0.8	0.8	3.5	5.8	5.8	6.2	6.2	7.2	7.6	6.6	6.9	5.5	2.3	3.0	3.1	2.4	1.3	3.4	7.6	0.7
19	1.5	1.8	2.0	1.7	1.3	1.0	0.9	1.0	0.8	1.1	3.0	4.2	5.5	5.8	5.7	5.4	5.8	4.4	2.3	3.4	2.7	1.8	2.6	2.1	2.8	5.8	0.8
20	1.1	0.8	0.7	1.2	0.9	0.8	1.0	0.6	0.7	0.9	3.3	4.3	5.0	5.3	6.2	6.1	5.2	4.3	2.5	1.6	1.7	2.0	1.3	1.1	2.4	6.2	0.6
21	0.5	0.5	0.7	0.6	1.1	0.8	0.7	0.8	0.5	0.7	3.3	4.5	4.9	4.9	5.0	3.6	4.1	3.8	3.8	2.3	2.8	2.1	2.7	2.4	2.4	5.0	0.5
22	1.6	1.6	1.4	0.8	0.7	0.9	0.7	0.4	0.6	6.8	6.5	7.3	7.1	5.2	5.2	5.2	6.1	4.6	1.9	2.5	2.5	3.2	2.1	1.1	3.2	7.3	0.4
23	2.0	1.6	1.8	1.1	1.1	1.0	0.7	0.8	0.7	0.9	3.4	5.4	6.7	6.2	6.3	6.5	7.1	6.3	4.4	2.5	4.3	2.7	1.4	1.6	3.2	7.1	0.7
24	1.1	1.2	1.0	1.1	1.0	1.0	0.8	1.0	0.5	0.9	1.0	2.1	3.1	2.7	2.9	3.4	4.5	4.2	2.1	2.4	2.8	1.7	1.3	1.2	1.9	4.5	0.5
25	0.9	1.6	0.8	1.0	0.7	0.6	0.7	1.0	0.8	0.7	1.9	3.3	3.4	3.7	3.2	3.2	2.7	4.1	1.5	0.9	2.2	1.7	0.9	1.4	1.8	4.1	0.6
26	1.6	1.1	1.1	1.3	1.0	0.7	1.1	0.7	1.7	2.8	2.2	3.0	2.6	3.2	3.8	3.5	3.6	2.3	2.4	3.0	1.3	1.3	0.7	0.7	1.9	3.8	0.7
27	0.8	0.7	0.5	0.7	0.8	0.7	0.5	1.2	0.6	1.1	1.4	2.6	3.3	3.4	2.9	2.1	1.7	0.8	2.6	2.6	1.0	0.7	0.9	0.7	1.4	3.4	0.5
28	0.6	1.4	1.6	1.2	0.6	0.5	1.2	0.8	0.6	0.6	2.0	3.6	4.0	3.6	4.4	4.1	4.8	2.1	2.1	3.5	2.8	2.1	1.5	1.4	2.1	4.8	0.5
29	1.2	1.1	1.0	1.0	0.9	0.7	0.8	0.7	0.9	2.1	5.8	6.5	5.6	5.4	5.9	5.3	5.3	3.6	1.8	2.3	1.6	1.1	1.3	1.4	2.6	6.5	0.7
30	1.1	1.1	1.1	0.9	0.6	0.9	0.8	0.8	0.7	4.5	5.9	6.3	6.5	6.3	6.1	5.6	5.2	4.2	1.5	2.7	2.0	0.9	1.4	1.4	2.9	6.5	0.6
Avg	1.4	1.4	1.3	1.2	1.1	1.1	1.1	0.9	1.4	3.0	4.1	4.7	5.1	5.1	5.4	5.0	5.1	4.2	2.9	2.5	2.5	2.2	1.7	1.6	2.7	6.0	0.7
Max	3.5	3.5	3.2	1.9	2.1	3.1	2.6	2.7	7.7	8.5	7.9	7.8	7.7	7.8	8.8	7.7	8.5	7.3	6.0	7.0	4.4	4.9	2.8	2.8	4.3	8.8	1.4
Min	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.4	0.5	0.6	1.0	2.1	2.6	2.3	2.8	2.1	1.7	0.8	1.5	0.9	1.0	0.7	0.7	0.7	1.4	3.4	0.4

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
July 2012

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	148	135	156	193	128	15	314	279	278	271	300	321	302	282	307	354	3	359	303	358	325	92	82	49	328
2	72	44	43	86	8	120	230	99	347	318	291	338	357	336	223	242	232	208	177	134	86	21	134	127	57
3	132	147	141	136	146	127	131	149	151	193	271	288	301	310	295	295	292	294	294	307	305	286	279	272	250
4	339	40	139	113	84	58	346	319	295	302	288	266	254	267	285	303	315	324	331	319	39	333	346	132	326
5	145	105	74	48	65	53	177	155	159	182	102	154	125	137	147	137	163	171	174	144	113	99	93	103	128
6	85	49	28	99	119	74	84	151	145	206	306	10	331	238	333	269	207	267	316	7	31	28	76	106	46
7	191	117	22	39	109	105	78	349	184	282	96	89	137	121	158	169	163	171	220	115	173	75	71	123	123
8	90	69	86	96	79	79	113	330	237	292	317	294	290	301	68	8	327	228	105	76	78	78	82	72	51
9	61	86	73	75	85	100	144	28	143	319	239	316	211	309	142	19	135	74	74	74	77	275	83	83	80
10	124	80	90	75	77	75	74	47	121	279	280	348	302	296	286	292	322	297	231	162	10	72	105	66	36
11	95	79	43	125	95	84	301	141	261	293	300	272	267	298	353	272	319	238	39	54	135	101	110	75	35
12	70	83	91	118	92	144	167	9	157	315	274	253	281	296	288	294	307	315	257	68	91	67	41	43	24
13	59	136	355	350	17	105	295	84	335	294	298	272	257	320	288	167	310	274	274	138	90	51	108	216	326
14	306	177	139	127	122	14	300	97	250	310	149	189	202	201	174	169	156	303	333	278	133	111	316	103	178
15	128	127	120	241	100	97	150	161	142	116	179	204	214	241	256	178	173	194	246	188	110	33	76	68	156
16	24	35	105	97	129	86	159	320	323	334	311	16	339	321	26	37	162	1	323	284	300	35	7	323	5
17	358	324	353	331	53	152	351	157	150	160	194	199	229	227	216	272	246	256	254	232	189	73	76	79	219
18	98	92	80	94	73	114	128	324	270	196	205	213	222	221	228	222	198	190	221	197	106	90	78	81	159
19	80	71	19	84	106	54	166	307	28	329	315	313	319	258	270	287	287	324	55	48	60	65	67	85	19
20	67	2	316	148	325	192	283	145	358	70	101	137	144	163	162	177	143	263	84	79	75	111	43	318	106
21	64	78	34	75	61	106	170	52	340	353	343	265	247	258	260	267	265	278	298	315	24	34	100	74	359
22	54	29	65	53	115	118	124	297	145	143	131	131	42	79	25	116	135	142	302	62	89	83	119	157	97
23	171	144	105	157	163	82	104	113	151	152	176	176	193	223	262	279	150	144	124	25	335	43	2	341	143
24	316	73	7	74	82	48	50	71	286	271	284	283	268	275	261	247	269	273	286	298	249	83	80	100	315
25	59	157	42	10	36	94	119	335	314	285	296	307	307	293	299	323	321	325	20	22	39	40	130	69	360
26	152	128	317	15	73	127	178	335	360	138	157	212	207	299	233	322	104	260	279	259	111	123	155	219	185
27	202	330	254	89	131	332	99	356	39	214	140	335	307	321	297	239	213	357	250	201	152	69	325	146	279
28	112	92	64	99	124	72	149	143	345	354	4	151	204	213	249	260	227	109	153	145	258	112	73	81	125
29	78	73	83	96	36	87	67	308	332	284	282	334	322	314	331	298	311	311	261	130	299	87	103	109	3
30	77	73	80	61	60	117	49	321	333	124	153	168	246	237	239	222	236	299	322	205	74	7	53	60	72
31	60	63	96	89	139	103	147	58	142	228	280	260	257	255	287	277	291	270	281	81	74	18	51	121	87
Prev	87	84	66	87	89	91	125	34	279	269	265	266	263	270	268	266	242	273	281	90	75	63	74	89	73

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
August 2012

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	332	41	103	125	127	117	53	5	327	257	276	284	280	314	302	299	309	317	326	309	88	81	65	91	351
2	40	97	77	119	117	103	35	22	292	262	250	268	267	263	296	314	321	318	323	327	297	257	277	265	307
3	266	328	346	310	186	274	294	287	311	305	312	311	307	307	291	305	313	329	313	323	347	357	122	130	309
4	134	143	90	35	37	2	63	127	134	236	249	309	344	322	231	299	267	280	353	32	92	83	40	82	33
5	85	95	90	91	90	80	56	123	294	355	337	316	278	253	269	268	264	273	296	74	30	58	78	67	27
6	45	355	39	40	78	72	34	131	29	36	341	312	288	260	252	245	268	332	309	257	24	82	71	97	9
7	104	72	54	11	83	90	111	334	337	300	289	296	288	304	296	300	320	321	316	352	136	96	65	100	2
8	74	77	84	92	31	92	149	316	116	141	135	140	143	137	128	133	148	306	161	238	193	354	45	330	114
9	136	70	1	77	9	95	107	2	21	292	273	308	273	271	263	241	271	319	343	77	72	112	68	98	13
10	98	38	328	140	85	105	105	52	45	98	201	293	279	153	80	117	152	133	192	83	139	112	57	290	104
11	210	80	88	100	75	83	115	67	159	280	271	279	321	295	294	282	313	338	38	83	86	83	146	290	38
12	97	294	189	268	249	300	176	155	144	142	146	139	147	132	110	72	138	132	143	120	351	74	101	52	134
13	104	119	118	119	97	36	50	239	346	285	284	305	296	314	302	289	299	302	309	81	74	315	63	57	353
14	87	83	44	72	63	85	26	131	252	255	260	264	259	261	263	267	281	283	301	292	302	340	322	307	303
15	310	328	328	313	313	311	312	315	327	360	345	303	315	345	4	328	334	343	74	80	92	75	98	117	346
16	149	150	119	133	120	101	99	112	128	133	135	124	164	294	300	315	318	318	327	66	70	84	48	348	98
17	23	66	72	93	50	67	147	10	86	292	298	263	280	302	299	298	302	329	27	96	120	121	32	25	20
18	55	116	64	23	68	23	108	354	356	275	251	335	16	311	292	291	237	160	136	88	82	73	44	70	37
19	112	109	105	77	9	64	85	342	315	157	188	143	300	272	257	256	257	258	238	117	94	68	68	87	103
20	83	106	122	218	39	84	344	134	336	256	286	277	292	306	13	9	360	356	328	16	34	87	111	67	18
21	88	136	72	82	101	85	71	102	286	Au	Au	Au	Au	205	201	207	290	261	264	302	329	346	356	210	114
22	7	91	95	86	87	58	97	321	326	296	280	293	273	274	267	272	269	267	269	148	49	79	29	103	344
23	81	51	130	87	103	48	95	134	10	6	280	259	279	269	259	245	238	284	302	73	64	95	51	62	44
24	41	79	39	91	75	106	7	81	305	297	274	271	260	263	278	270	291	282	276	288	317	113	101	66	330
25	83	86	79	36	120	109	146	216	14	265	262	255	255	300	308	285	280	270	266	125	66	86	49	110	37
26	82	99	84	83	20	8	352	325	134	124	152	149	151	150	140	146	140	131	107	89	115	63	111	117	107
27	101	104	127	128	111	109	145	37	129	36	279	274	295	261	200	245	282	326	54	98	42	78	88	118	99
28	110	91	146	112	303	136	153	284	56	127	186	203	204	217	232	216	210	210	205	155	112	109	342	23	166
29	49	84	70	72	59	77	69	26	338	306	288	291	289	295	289	298	298	322	324	7	299	103	81	8	357
30	104	11	30	47	73	119	65	128	12	156	162	191	227	207	238	283	261	204	104	98	67	85	81	62	105
31	178	34	126	134	60	25	134	83	342	336	179	152	187	197	219	305	164	131	143	128	123	183	161	24	137
Prev	85	78	80	84	73	75	83	46	357	286	258	271	273	271	270	278	277	295	312	70	65	78	67	66	36

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
September 2012

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	81	97	104	126	113	110	110	109	138	168	202	201	233	207	256	235	115	103	109	91	105	111	90	131	131
2	81	78	48	119	132	62	117	299	215	250	250	254	265	266	250	267	252	252	250	253	129	137	145	109	207
3	85	87	79	96	55	53	108	74	293	266	257	253	269	255	251	253	254	262	291	117	74	88	87	104	94
4	8	101	127	112	73	83	92	360	10	290	300	314	311	318	322	310	317	325	312	92	91	67	109	112	22
5	110	103	17	121	78	107	146	285	300	265	258	249	254	259	254	267	269	287	297	351	91	72	210	305	270
6	151	98	94	160	162	6	226	321	324	13	157	158	186	342	298	336	21	80	52	52	78	110	136	120	87
7	102	60	63	108	80	77	106	174	310	290	259	260	256	291	300	294	256	258	268	92	51	64	100	83	32
8	68	74	94	95	100	99	133	350	326	124	167	247	271	276	269	209	236	182	144	105	83	81	88	85	117
9	64	40	97	74	119	80	91	118	5	147	180	184	185	188	221	226	208	219	188	98	103	97	86	74	127
10	93	67	40	139	73	41	30	177	114	278	274	262	274	278	276	269	276	290	297	303	317	314	323	107	311
11	153	129	105	86	93	85	79	340	284	282	272	265	287	285	258	284	276	279	295	228	87	89	49	34	311
12	119	267	166	360	108	77	57	177	14	311	283	278	271	292	245	231	262	277	262	140	105	120	90	71	238
13	82	19	24	12	52	70	67	351	347	331	282	273	258	239	274	256	257	250	151	98	82	86	59	70	12
14	82	120	101	90	110	127	97	136	339	55	229	259	268	253	256	259	256	273	233	85	46	106	75	86	121
15	128	75	91	98	75	93	130	25	334	343	280	291	303	296	317	310	320	313	312	59	92	99	82	88	27
16	24	25	56	56	55	18	87	23	287	318	277	255	261	279	265	258	283	262	157	27	111	100	106	96	2
17	83	90	85	39	69	77	147	112	332	344	293	270	267	268	297	311	304	294	291	113	95	63	52	16	16
18	52	50	24	108	78	82	136	68	1	277	264	261	263	258	261	263	276	276	269	13	90	74	70	124	10
19	62	66	160	105	49	106	130	148	353	58	265	262	292	283	286	270	276	278	243	88	58	40	50	66	38
20	86	108	11	114	21	32	135	96	40	303	259	269	279	290	324	326	308	319	350	146	65	53	54	103	21
21	10	6	75	10	103	106	71	202	3	31	282	284	249	254	283	348	13	31	56	105	116	123	109	101	45
22	114	105	81	33	108	83	68	332	352	157	153	145	141	143	143	143	146	141	55	53	67	69	102	140	104
23	116	71	66	79	44	143	39	119	94	305	145	163	166	154	156	152	149	147	160	109	81	94	54	46	111
24	8	7	35	71	40	43	76	133	34	352	335	311	261	256	260	275	286	346	71	82	46	63	44	41	18
25	17	87	21	83	83	85	83	138	28	359	302	299	283	266	283	260	273	5	5	343	75	54	71	94	23
26	146	16	114	104	111	26	95	271	317	303	311	305	300	296	325	333	318	274	257	60	247	91	67	70	346
27	34	29	10	350	79	59	56	136	302	321	222	323	291	256	253	309	356	29	111	87	94	37	251	35	10
28	61	77	37	64	25	24	105	116	343	12	301	260	283	269	290	268	260	214	104	92	85	84	56	91	40
29	82	83	120	49	101	51	78	112	319	187	241	262	286	283	254	256	285	277	197	102	53	60	79	110	90
30	118	119	89	98	74	84	358	68	1	296	299	290	300	324	324	331	323	317	9	69	66	53	108	132	27
Prev	81	72	74	84	82	73	95	97	343	313	260	262	266	269	273	275	280	282	272	83	82	80	82	87	54

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
July 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	53	14	17	54	23	68	12	30	16	14	27	23	25	14	15	34	17	16	38	67	84	35	11	42	31	84	11
2	66	79	68	65	47	35	61	54	39	35	29	30	58	34	67	24	26	17	13	14	82	65	39	10	44	82	10
3	10	17	68	15	24	37	20	7	10	27	20	13	19	26	23	19	17	13	11	13	13	12	12	8	19	68	7
4	68	88	44	24	42	63	36	20	14	24	39	37	29	32	29	33	16	24	17	52	67	53	73	46	40	88	14
5	44	63	55	51	47	69	82	101	8	23	51	50	35	21	28	12	17	9	9	19	21	20	20	19	36	101	8
6	14	24	36	45	45	42	51	85	35	79	50	65	102	59	53	52	17	35	12	61	49	49	18	56	47	102	12
7	89	20	41	42	28	62	79	88	80	94	86	26	35	49	69	28	19	59	61	38	43	14	24	63	52	94	14
8	63	33	28	58	59	62	88	74	89	78	34	16	27	45	52	45	19	80	28	12	6	6	10	24	43	89	6
9	15	19	23	24	28	33	56	91	101	55	76	38	91	57	61	44	35	47	12	5	8	86	38	15	44	101	5
10	41	34	31	50	59	45	89	81	42	23	16	78	34	23	20	23	22	48	31	34	84	76	43	46	45	89	16
11	21	32	42	31	82	63	86	92	71	31	42	40	38	50	42	53	13	14	87	102	32	25	21	20	47	102	13
12	24	27	28	19	27	40	82	61	87	77	36	35	33	73	44	59	59	39	66	60	37	22	24	47	46	87	19
13	76	64	91	75	71	48	87	55	50	45	26	56	22	48	28	63	38	21	69	19	14	42	47	85	52	91	14
14	78	90	72	41	79	94	62	62	91	36	88	19	16	20	17	20	62	63	80	82	36	80	89	66	60	94	16
15	74	35	68	76	35	55	62	32	19	79	30	42	32	28	15	25	12	14	18	13	60	54	38	27	39	79	12
16	31	65	28	44	36	70	36	83	63	39	40	73	48	48	41	29	73	58	56	30	93	92	44	60	53	93	28
17	92	86	60	99	92	76	66	31	13	23	24	18	21	19	15	27	24	19	18	15	77	10	16	17	40	99	10
18	18	25	20	17	27	34	48	70	71	18	48	33	22	23	27	27	17	11	10	28	12	41	21	41	30	71	10
19	17	25	54	55	31	52	48	54	61	35	19	41	28	25	26	15	18	53	27	59	14	21	15	25	34	61	14
20	36	55	68	70	56	93	45	51	55	43	16	17	22	30	25	33	35	92	32	10	15	63	73	43	45	93	10
21	33	85	75	25	90	38	81	65	43	42	46	37	21	25	22	24	23	23	18	7	80	70	45	44	44	90	7
22	58	76	64	68	35	37	71	39	51	28	59	72	75	74	72	39	21	39	35	55	22	21	78	20	50	78	20
23	46	39	76	65	28	43	23	21	12	24	23	26	18	15	36	70	36	18	47	68	71	46	54	61	40	76	12
24	66	41	78	16	38	53	59	68	15	17	17	15	17	19	16	17	22	17	14	14	47	44	28	71	34	78	14
25	66	57	44	53	53	53	101	79	50	23	22	26	23	32	35	21	18	17	22	10	86	75	42	61	45	101	10
26	57	62	71	68	84	37	67	69	73	28	53	74	55	69	72	81	58	71	19	68	44	22	75	75	61	84	19
27	70	32	97	58	60	75	72	73	60	66	65	37	58	58	37	72	65	41	46	54	37	51	66	78	60	97	32
28	27	25	20	26	28	31	25	34	73	81	77	54	30	45	31	17	20	43	39	72	83	41	60	51	43	83	17
29	40	24	68	26	43	48	74	94	97	39	82	29	33	48	52	34	32	31	74	55	98	17	46	52	52	98	17
30	57	50	22	44	40	32	88	49	47	82	61	49	30	28	54	20	20	35	66	45	63	93	48	36	48	93	20
31	70	55	34	58	71	75	85	86	91	83	43	41	32	24	18	25	20	28	28	49	57	59	97	60	54	97	18
Avg	49	46	51	47	49	54	63	61	52	45	43	39	36	37	37	35	29	35	36	40	50	45	42	44	44	88	14
Max	92	90	97	99	92	94	101	101	101	94	88	78	102	74	72	81	73	92	87	102	98	93	97	85	61	102	32
Min	10	14	17	15	23	31	12	7	8	14	16	13	16	14	15	12	12	9	9	5	6	6	10	8	19	61	5

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
August 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	81	77	60	76	49	61	87	59	60	69	27	28	36	51	35	41	30	26	10	64	26	31	80	28	50	87	10
2	58	58	71	64	32	40	95	69	61	25	17	18	23	20	22	17	9	10	16	18	23	18	24	20	35	95	9
3	23	42	21	11	55	49	55	26	16	16	21	16	18	17	15	20	16	11	15	7	17	69	17	37	25	69	7
4	47	34	46	54	51	35	81	36	29	58	67	63	46	59	45	39	45	56	59	79	21	35	65	52	50	81	21
5	34	22	25	23	22	30	56	72	58	56	30	25	37	26	30	26	23	31	41	46	53	30	40	60	37	72	22
6	79	41	31	39	41	75	97	53	90	72	32	36	24	20	19	17	12	39	79	16	91	46	36	23	46	97	12
7	18	20	26	52	43	42	56	70	53	20	19	20	27	16	13	26	19	13	15	65	46	31	47	27	33	70	13
8	54	38	57	42	75	34	34	65	68	11	15	18	21	16	15	10	66	67	67	68	82	49	66	57	46	82	10
9	95	100	57	53	44	46	88	61	49	20	33	78	54	46	57	39	48	52	53	51	10	31	42	55	53	100	10
10	59	83	70	72	28	21	69	41	55	90	56	68	35	41	18	35	9	31	69	62	27	46	71	15	49	90	9
11	48	82	58	35	10	16	18	40	93	25	25	23	18	24	22	23	38	35	14	36	34	18	39	78	36	93	10
12	48	60	80	81	59	73	77	29	15	11	11	22	27	25	34	33	24	18	8	39	72	60	47	79	43	81	8
13	50	26	27	27	19	36	82	94	73	21	33	28	27	26	29	30	26	23	20	43	15	103	62	65	41	103	15
14	41	64	61	44	47	33	77	61	80	12	21	20	21	16	22	20	13	12	9	10	16	19	17	10	31	80	9
15	13	9	12	12	11	13	17	14	17	19	28	15	12	16	21	20	17	16	47	36	65	9	15	19	20	65	9
16	11	20	45	57	12	17	15	15	16	21	37	50	78	38	26	32	30	35	21	21	61	28	17	55	32	78	11
17	78	54	36	63	36	26	92	73	73	56	40	38	63	50	25	18	14	30	11	84	58	61	70	48	50	92	11
18	60	26	44	29	48	44	38	61	71	52	54	73	95	44	57	78	41	39	8	27	4	11	60	62	47	95	4
19	32	35	50	50	74	41	76	78	63	73	32	57	48	30	21	21	15	14	79	33	35	12	17	14	42	79	12
20	19	33	70	92	63	40	52	54	75	47	76	40	37	49	22	32	34	43	15	45	58	42	51	66	48	92	15
21	100	36	85	43	31	26	40	59	86	Au	Au	Au	Au	36	30	16	35	31	59	22	61	91	52	77	51	100	16
22	76	28	37	18	18	24	69	51	94	56	17	14	22	17	17	16	15	17	13	82	33	10	30	38	34	94	10
23	33	52	30	39	29	44	54	66	82	78	22	23	27	25	31	39	71	22	37	37	83	49	34	79	45	83	22
24	44	47	35	29	53	50	61	81	26	18	14	18	17	15	15	14	17	12	12	8	96	20	40	39	33	96	8
25	63	58	48	63	55	49	67	94	78	22	24	22	34	29	35	24	22	16	27	35	20	74	69	16	44	94	16
26	35	17	36	61	36	38	39	64	64	28	10	9	17	22	20	19	11	19	25	20	74	76	99	38	37	99	9
27	41	19	26	19	25	35	73	75	32	83	29	36	39	44	36	49	26	54	102	61	87	51	38	98	49	102	19
28	48	70	70	70	85	37	78	101	62	32	61	21	25	24	20	17	14	14	7	28	13	49	71	70	45	101	7
29	37	34	50	36	64	50	61	73	52	21	13	12	15	16	18	16	15	11	16	75	76	50	43	86	39	86	11
30	51	47	73	49	52	38	63	23	72	26	20	35	21	39	34	39	27	45	27	22	34	33	76	97	43	97	20
31	95	96	71	97	86	71	30	62	56	61	41	37	21	19	38	46	38	12	11	13	53	71	29	79	51	97	11
Avg	51	46	49	48	44	40	61	59	59	40	31	32	33	30	27	28	26	28	32	40	47	43	47	51	41	89	12
Max	100	100	85	97	86	75	97	101	94	90	76	78	95	59	57	78	71	67	102	84	96	103	99	98	53	103	22
Min	11	9	12	11	10	13	15	14	15	11	10	9	12	15	13	10	9	10	7	7	4	9	15	10	20	65	4

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
September 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	37	38	23	45	20	17	19	26	10	33	15	19	29	27	82	73	56	17	20	29	14	18	29	47	31	82	10
2	40	55	46	32	51	43	46	75	90	28	24	18	16	17	13	18	15	12	17	57	93	25	52	20	38	93	12
3	31	49	43	48	48	44	72	78	40	14	18	18	21	18	21	18	19	15	28	46	20	42	38	35	34	78	14
4	82	48	43	74	25	30	51	50	69	18	16	20	19	20	15	15	17	10	16	65	16	40	27	38	34	82	10
5	35	62	52	45	63	31	20	85	69	17	23	17	23	23	17	23	18	14	9	57	26	74	69	95	40	95	9
6	49	37	68	35	27	95	63	46	17	59	28	40	60	62	22	29	28	12	38	47	16	49	30	38	41	95	12
7	31	37	20	31	31	52	35	63	46	69	27	33	39	51	60	67	30	18	49	32	19	25	17	30	38	69	17
8	33	41	45	22	24	24	23	81	53	71	39	38	42	37	68	61	46	35	19	18	9	19	14	31	37	81	9
9	47	62	25	38	34	29	54	61	73	25	23	24	22	25	22	14	14	13	42	53	68	45	42	42	37	73	13
10	23	60	50	38	65	39	67	94	102	14	17	19	19	17	15	14	18	11	10	11	13	13	47	51	34	102	10
11	19	45	22	28	48	76	40	74	11	16	18	27	22	21	21	16	15	12	11	55	49	33	39	47	32	76	11
12	52	87	87	58	67	72	60	99	80	31	24	33	60	66	43	36	23	17	16	42	17	34	24	34	48	99	16
13	58	46	51	93	53	52	52	93	53	49	56	31	38	50	32	30	33	33	68	13	23	38	37	17	46	93	13
14	27	23	21	22	20	30	46	55	54	95	35	24	15	16	17	13	11	12	62	25	22	29	22	35	30	95	11
15	38	44	29	34	38	31	19	83	89	42	35	26	22	31	35	25	9	12	22	51	52	26	39	62	37	89	9
16	72	52	59	49	57	56	88	61	52	15	21	22	18	19	15	15	10	68	14	65	54	22	16	18	39	88	10
17	28	36	44	50	66	48	61	69	47	60	23	28	26	23	30	19	17	14	85	30	23	17	31	34	38	85	14
18	42	39	44	58	72	61	47	90	66	83	18	17	19	20	21	17	14	9	12	89	47	16	19	68	41	90	9
19	70	82	68	47	61	77	43	89	83	78	56	21	15	16	27	20	15	9	61	28	21	31	27	44	45	89	9
20	90	63	35	41	65	69	37	102	89	60	26	25	24	24	14	12	11	7	39	52	29	29	33	24	42	102	7
21	72	68	58	74	40	85	70	96	88	69	22	23	20	21	27	55	15	20	35	42	30	32	16	29	46	96	15
22	43	31	32	49	71	59	65	87	52	26	13	10	9	18	15	12	7	10	60	14	33	13	59	34	34	87	7
23	43	33	26	62	91	75	31	71	68	50	81	14	12	14	13	11	7	7	9	41	7	43	43	44	37	91	7
24	32	28	43	43	33	36	41	36	51	68	55	39	40	34	35	26	34	10	51	40	31	49	42	37	39	68	10
25	54	43	43	55	53	32	57	71	71	60	52	22	21	18	14	16	14	40	81	63	29	23	39	44	42	81	14
26	53	49	61	81	69	62	84	77	26	15	29	20	32	21	22	20	15	23	75	41	77	34	73	68	47	84	15
27	82	68	61	43	57	58	62	25	68	24	94	51	33	34	54	48	30	63	20	34	52	62	92	80	54	94	20
28	79	36	27	23	56	49	34	32	62	63	64	24	30	31	20	23	13	83	30	13	10	24	35	49	38	83	10
29	52	24	37	73	56	87	78	68	51	81	14	18	20	15	17	22	15	13	50	35	22	59	57	73	43	87	13
30	57	31	80	60	71	65	64	68	74	24	28	17	24	16	14	12	11	8	78	25	30	78	35	26	42	80	8
Avg	49	47	45	48	51	53	51	70	60	45	33	25	26	27	27	26	19	21	38	40	32	35	38	43	40	87	11
Max	90	87	87	93	91	95	88	102	102	95	94	51	60	66	82	73	56	83	85	89	93	78	92	95	54	102	20
Min	19	23	20	22	20	17	19	25	10	14	13	10	9	14	13	11	7	7	9	11	7	13	14	17	30	68	7

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
July 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	17.2	20.0	18.8	18.1	16.5	12.7	14.5	16.8	18.8	19.5	20.7	21.9	23.1	23.1	22.9	23.0	22.0	20.4	16.2	12.4	12.0	12.0	11.7	10.5	17.7	23.1	10.5
2	9.3	7.9	7.0	6.0	5.3	5.4	6.7	10.6	13.7	15.7	17.1	18.2	19.4	20.4	22.1	23.1	23.8	24.4	24.0	22.4	20.3	18.3	20.0	20.2	15.9	24.4	5.3
3	19.9	19.0	17.9	17.2	16.9	16.7	18.3	21.2	22.7	25.0	23.2	22.4	22.2	22.8	23.5	23.2	23.1	22.7	20.7	18.9	16.3	14.7	12.9	11.8	19.7	25.0	11.8
4	10.3	9.3	5.2	2.5	1.6	1.6	4.1	9.8	11.5	13.0	14.9	16.8	18.4	19.5	20.4	21.1	21.3	21.6	21.0	19.6	15.7	14.2	13.2	10.6	13.2	21.6	1.6
5	8.4	6.4	5.7	5.5	4.3	4.3	6.3	11.5	16.0	16.0	15.8	16.8	17.7	17.9	19.9	19.7	18.8	17.8	17.5	16.2	15.4	12.5	11.0	9.0	12.9	19.9	4.3
6	8.1	7.1	6.3	5.6	4.5	4.6	7.1	11.5	16.4	18.8	18.3	20.3	22.4	23.3	23.9	24.1	23.1	22.8	21.9	20.0	16.6	14.5	12.5	9.8	15.1	24.1	4.5
7	8.7	9.1	7.2	7.5	6.9	8.2	10.2	17.0	17.1	18.2	18.4	20.2	21.9	24.3	25.2	25.7	25.7	23.7	22.6	21.8	19.7	18.2	16.6	13.1	17.0	25.7	6.9
8	12.1	10.6	9.4	8.2	7.1	7.0	9.9	14.3	19.6	22.3	23.4	24.3	25.2	25.8	26.3	26.1	25.4	23.5	22.5	19.5	17.5	14.6	12.6	11.6	17.5	26.3	7.0
9	11.4	9.5	9.2	8.7	7.8	7.4	9.9	14.8	19.8	23.9	26.4	26.9	27.1	27.7	28.5	28.4	28.5	28.2	26.1	24.2	22.3	21.3	19.2	16.5	19.7	28.5	7.4
10	13.7	12.6	10.5	9.9	9.1	8.7	9.7	14.2	20.8	23.0	22.6	23.7	24.9	26.0	26.4	26.8	26.9	26.1	24.3	20.9	19.2	16.3	12.7	10.9	18.3	26.9	8.7
11	10.2	8.8	7.1	6.2	6.1	6.7	9.9	14.4	18.8	22.3	24.0	25.0	25.6	26.1	26.2	26.1	25.3	23.5	21.3	20.1	16.4	14.2	12.0	11.2	17.0	26.2	6.1
12	10.2	8.8	8.2	6.2	6.4	6.3	8.6	13.4	19.5	22.9	24.9	25.7	26.4	27.0	27.7	28.2	28.2	28.2	28.1	24.5	18.9	16.8	15.5	13.0	18.5	28.2	6.2
13	11.8	10.8	9.8	9.4	9.6	9.5	11.5	14.5	19.3	23.2	23.9	23.8	24.6	24.6	25.1	26.0	24.6	24.5	23.5	22.8	20.7	17.5	15.9	16.0	18.5	26.0	9.4
14	15.5	14.7	14.2	14.2	13.9	13.3	13.7	14.8	15.8	17.5	21.3	21.5	21.2	21.3	20.9	22.0	23.0	23.0	21.9	20.7	17.6	15.0	13.9	13.9	17.7	23.0	13.3
15	13.7	13.6	13.5	13.1	12.6	12.1	13.0	13.7	14.1	15.3	17.1	18.7	20.1	21.5	20.7	19.6	19.4	18.8	19.2	18.7	15.5	12.4	11.6	10.6	15.8	21.5	10.6
16	9.8	9.5	9.0	7.6	6.5	6.5	8.5	12.0	16.4	19.1	20.3	21.3	22.3	23.1	22.8	21.1	14.9	14.2	14.1	13.2	12.5	11.9	11.3	10.4	14.1	23.1	6.5
17	9.5	8.4	8.2	7.7	7.4	7.6	10.2	15.1	17.1	18.2	19.6	20.5	21.4	22.1	21.8	22.8	23.6	24.0	23.4	22.9	20.4	16.4	14.3	13.3	16.5	24.0	7.4
18	11.7	10.6	10.2	9.1	8.6	7.7	10.0	14.7	19.5	23.2	24.4	25.5	26.6	27.2	27.5	27.9	27.6	27.6	27.1	24.5	19.6	15.4	13.9	12.0	18.8	27.9	7.7
19	11.9	10.7	8.7	8.8	7.4	7.7	9.4	14.0	19.1	22.8	24.5	25.7	26.4	27.0	27.1	26.5	26.4	25.8	25.2	22.5	18.6	16.0	15.2	12.8	18.3	27.1	7.4
20	11.6	10.6	11.3	13.0	15.5	19.3	19.9	17.7	16.7	16.6	18.7	21.9	23.4	24.9	26.3	27.1	26.3	17.8	17.1	17.3	15.5	14.2	14.2	14.9	18.0	27.1	10.6
21	13.8	12.0	11.0	9.9	9.0	8.2	9.9	13.9	17.9	19.9	21.5	23.7	24.6	25.3	26.0	26.6	26.8	26.7	25.8	23.8	20.9	16.7	14.3	12.0	18.3	26.8	8.2
22	10.9	9.8	8.4	7.7	6.9	6.1	8.9	13.4	19.5	22.4	23.7	24.9	26.2	27.0	27.7	27.2	27.2	25.5	19.5	17.6	16.7	17.4	17.4	17.5	17.9	27.7	6.1
23	17.4	16.6	17.1	17.2	15.4	14.0	16.8	19.9	22.2	23.4	24.6	26.0	27.2	27.4	26.3	24.3	23.2	20.2	21.4	20.5	17.0	15.3	14.3	13.9	20.1	27.4	13.9
24	14.3	12.3	11.4	9.6	7.9	6.7	7.3	11.5	15.8	17.3	18.3	19.1	20.5	21.5	22.4	23.2	23.5	23.1	22.4	20.3	17.2	13.1	9.2	8.3	15.7	23.5	6.7
25	8.0	6.7	5.4	4.8	3.8	3.3	5.3	10.0	14.8	16.7	17.8	19.1	20.2	21.2	22.0	22.4	22.5	22.4	21.1	19.3	16.9	14.6	11.3	9.9	14.1	22.5	3.3
26	8.2	7.4	6.3	6.1	5.5	5.0	6.7	11.2	16.4	19.3	20.7	22.0	23.2	24.3	24.2	19.7	16.7	19.7	19.6	18.4	15.9	15.5	16.0	15.9	15.2	24.3	5.0
27	15.0	12.6	10.3	9.4	7.9	7.9	9.3	10.6	14.4	18.6	16.6	17.7	20.3	22.4	23.9	24.4	24.9	24.3	19.9	14.4	13.1	13.4	13.6	12.0	15.7	24.9	7.9
28	10.8	10.2	9.7	9.1	7.8	7.6	8.1	11.8	16.2	20.1	22.6	24.2	25.4	26.6	27.2	26.8	24.4	23.9	21.7	16.8	15.8	15.6	13.7	12.1	17.0	27.2	7.6
29	11.8	11.4	11.0	9.8	8.7	7.1	8.8	12.9	17.9	21.9	23.5	24.6	25.5	26.4	27.1	27.3	27.0	27.3	25.2	21.9	20.7	20.6	18.1	16.6	18.9	27.3	7.1
30	13.3	11.3	10.8	9.3	8.1	7.4	9.0	13.5	19.4	23.6	25.3	26.7	27.6	28.7	29.0	29.2	28.4	28.0	25.7	24.4	23.7	20.7	17.5	14.1	19.8	29.2	7.4
31	11.9	10.6	9.4	7.9	7.3	6.5	8.1	13.2	19.2	21.8	23.1	24.3	25.3	26.3	26.7	27.0	27.1	27.0	26.0	23.3	19.5	17.4	16.4	15.6	18.4	27.1	6.5
Avg	11.9	10.9	9.9	9.2	8.5	8.2	10.0	13.8	17.6	20.0	21.2	22.4	23.4	24.3	24.8	24.7	24.2	23.4	22.1	20.1	17.7	15.7	14.3	12.9	17.1	25.4	7.5
Max	19.9	20.0	18.8	18.1	16.9	19.3	19.9	21.2	22.7	25.0	26.4	26.9	27.6	28.7	29.0	29.2	28.5	28.2	28.1	24.5	23.7	21.3	20.0	20.2	20.1	29.2	13.9
Min	8.0	6.4	5.2	2.5	1.6	1.6	4.1	9.8	11.5	13.0	14.9	16.8	17.7	17.9	19.9	19.6	14.9	14.2	14.1	12.4	12.0	11.9	9.2	8.3	12.9	19.9	1.6

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
August 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	13.2	11.9	10.9	10.1	8.9	7.2	8.4	13.0	17.8	20.2	21.2	22.1	22.8	23.5	24.2	24.6	25.0	24.6	23.7	20.5	16.1	14.2	11.3	10.1	16.9	25.0	7.2
2	8.3	8.0	6.2	5.7	4.7	3.6	5.6	10.8	17.0	19.1	20.2	21.0	21.5	22.3	22.2	21.4	20.1	19.3	19.2	18.0	17.6	16.1	13.5	10.7	14.7	22.3	3.6
3	9.8	9.6	8.6	7.7	6.5	5.9	5.8	7.1	8.3	9.0	10.2	11.6	12.4	12.8	13.9	14.7	14.8	14.4	14.0	12.4	11.1	9.2	6.9	6.0	10.1	14.8	5.8
4	4.8	3.6	2.0	1.2	0.8	0.0	1.6	5.9	11.3	14.2	15.7	17.2	18.6	19.6	20.5	21.4	21.8	22.1	21.9	18.2	13.1	10.3	8.8	8.1	11.8	22.1	0.0
5	6.9	5.9	6.1	5.1	4.6	4.2	4.9	10.5	16.8	21.6	23.5	24.6	25.6	26.7	27.4	28.1	28.4	28.4	27.8	23.9	19.8	16.9	14.0	12.0	17.2	28.4	4.2
6	10.8	9.2	10.2	9.5	8.8	7.7	8.2	12.1	16.1	20.8	24.8	27.0	28.0	27.7	27.4	27.9	25.9	24.7	23.8	22.5	20.3	17.6	16.1	14.8	18.4	28.0	7.7
7	12.7	10.2	9.0	7.6	6.5	5.5	6.6	11.2	17.8	21.9	23.7	25.0	26.3	26.7	27.3	27.8	27.7	27.3	26.4	23.4	18.6	14.1	12.5	10.8	17.8	27.8	5.5
8	9.1	8.3	8.2	7.6	6.8	7.0	8.4	12.7	20.9	24.8	26.6	28.1	29.2	29.8	30.8	30.5	28.6	25.7	24.8	25.0	24.9	23.2	21.5	18.0	20.0	30.8	6.8
9	15.9	13.7	12.1	10.4	9.7	9.0	8.8	11.7	17.4	22.1	23.6	24.9	26.0	26.9	26.9	27.1	27.7	27.3	26.3	23.1	20.5	19.8	16.4	15.4	19.3	27.7	8.8
10	13.9	13.6	13.5	16.1	14.1	12.1	11.4	13.5	16.6	21.0	22.2	22.0	20.2	18.4	19.1	20.8	20.6	19.7	19.7	17.9	15.6	15.2	16.2	15.2	17.0	22.2	11.4
11	14.6	13.2	12.3	11.6	11.6	11.2	11.1	12.4	14.3	16.5	18.6	20.7	21.9	22.9	23.2	23.2	22.7	22.6	22.3	20.2	16.4	14.5	13.7	11.0	16.8	23.2	11.0
12	10.5	8.8	8.0	7.4	7.3	7.6	10.1	15.8	18.4	19.9	20.6	21.4	22.2	22.7	23.4	23.6	23.6	24.2	23.1	21.3	19.6	19.5	19.2	18.3	17.4	24.2	7.3
13	17.8	16.6	15.9	13.9	11.1	9.0	8.7	12.0	16.9	20.5	22.0	23.3	24.4	24.9	25.4	25.8	25.9	25.6	24.0	19.6	16.1	12.8	11.2	10.0	18.1	25.9	8.7
14	8.8	7.6	6.9	6.3	6.0	5.1	5.4	9.5	17.3	21.3	22.7	23.7	24.5	25.1	25.8	26.7	26.9	26.5	25.0	23.1	21.3	14.3	12.4	12.1	16.8	26.9	5.1
15	11.7	11.0	10.1	9.6	8.8	8.3	8.7	8.7	8.3	8.5	9.0	9.2	9.9	10.3	10.8	11.4	11.2	11.1	10.8	10.0	9.3	9.1	9.0	8.1	9.7	11.7	8.1
16	7.4	6.5	6.7	7.5	8.0	7.8	8.2	9.2	10.2	11.5	13.3	15.4	17.5	19.0	19.8	20.6	21.2	21.4	20.6	17.8	13.5	10.1	9.4	7.9	12.9	21.4	6.5
17	6.4	5.4	4.3	3.4	2.6	2.2	2.1	7.1	13.9	19.0	20.5	21.6	22.5	23.4	24.1	24.4	24.3	23.7	22.1	19.0	15.1	11.1	8.5	7.9	13.9	24.4	2.1
18	7.1	5.9	4.5	4.1	2.9	2.5	3.4	8.0	14.4	19.2	21.1	22.3	23.2	24.0	24.7	25.1	25.6	24.6	22.7	20.7	17.4	15.8	12.8	10.0	15.1	25.6	2.5
19	9.4	8.6	8.7	7.7	6.0	4.5	5.3	9.2	15.9	20.9	22.6	24.0	25.3	25.6	25.3	25.2	25.1	25.0	22.9	19.7	15.5	14.3	13.3	11.7	16.3	25.6	4.5
20	10.2	8.3	8.4	8.6	8.7	7.7	7.0	11.0	17.3	23.0	24.6	25.5	26.2	26.6	25.9	26.5	26.4	25.1	23.9	22.4	18.7	16.4	14.3	12.4	17.7	26.6	7.0
21	11.7	11.4	10.0	10.6	8.8	8.4	7.8	11.3	17.1	Au	Au	Au	Au	27.4	27.2	26.8	24.9	23.6	22.8	19.0	15.3	14.5	14.4	13.4	16.3	27.4	7.8
22	12.6	11.6	10.3	9.4	8.4	8.0	7.1	9.3	12.8	16.5	18.7	19.3	20.8	21.5	22.3	22.8	23.0	22.8	21.8	18.2	13.7	11.9	10.1	8.3	15.1	23.0	7.1
23	6.5	5.7	5.1	4.0	3.5	3.3	3.6	6.6	12.6	18.9	21.0	21.8	22.6	23.2	23.7	24.1	24.3	24.3	22.6	17.3	14.6	11.8	10.4	9.4	14.2	24.3	3.3
24	9.3	7.8	7.4	5.3	4.1	2.8	2.4	5.3	12.2	15.1	15.6	15.4	15.7	16.3	16.6	16.6	16.2	15.4	14.4	12.6	10.6	5.7	3.0	1.0	10.3	16.6	1.0
25	-0.9	-1.5	-2.8	-3.3	-3.5	-3.7	-3.3	1.1	8.4	12.4	13.9	15.5	16.9	18.5	19.5	20.4	20.9	20.8	19.7	14.1	11.0	7.9	6.5	5.9	8.9	20.9	-3.7
26	5.4	5.0	3.7	2.9	2.2	1.9	1.5	5.0	13.7	16.7	18.0	19.3	20.6	22.0	23.1	24.0	23.7	22.1	21.3	20.3	18.9	18.8	16.1	17.0	14.3	24.0	1.5
27	14.6	13.3	13.4	13.1	10.0	8.7	7.8	12.1	19.9	22.2	24.0	25.5	27.0	27.8	27.9	27.9	24.9	22.5	22.3	20.7	18.6	16.3	14.8	13.0	18.7	27.9	7.8
28	11.3	9.4	8.5	7.6	6.2	5.5	6.3	9.7	17.5	24.1	26.5	27.5	28.7	29.4	29.7	30.0	30.2	30.0	28.6	22.5	20.5	18.1	15.0	16.1	19.1	30.2	5.5
29	15.5	17.0	13.2	10.3	8.3	6.7	5.8	9.0	16.8	19.7	20.5	20.4	21.2	21.8	22.6	22.6	22.1	20.8	19.0	16.8	14.5	12.3	8.8	6.7	15.5	22.6	5.8
30	6.2	4.1	4.3	2.9	1.3	0.6	0.6	4.2	10.7	16.2	17.6	19.1	20.4	21.6	22.6	22.7	22.8	22.4	20.4	14.6	13.1	12.4	11.2	9.7	12.6	22.8	0.6
31	8.3	6.6	6.0	4.4	3.8	4.0	4.3	5.8	10.4	17.1	23.3	24.0	25.0	25.7	25.7	26.1	26.1	23.9	21.3	19.9	18.4	18.4	16.2	14.1	15.8	26.1	3.8
Avg	10.0	8.9	8.1	7.4	6.4	5.6	5.9	9.4	14.8	18.5	20.2	21.3	22.2	23.0	23.5	23.9	23.6	23.0	21.9	19.2	16.4	14.3	12.5	11.1	15.4	24.2	5.3
Max	17.8	17.0	15.9	16.1	14.1	12.1	11.4	15.8	20.9	24.8	26.6	28.1	29.2	29.8	30.8	30.5	30.2	30.0	28.6	25.0	24.9	23.2	21.5	18.3	20.0	30.8	11.4
Min	-0.9	-1.5	-2.8	-3.3	-3.5	-3.7	-3.3	1.1	8.3	8.5	9.0	9.2	9.9	10.3	10.8	11.4	11.2	11.1	10.8	10.0	9.3	5.7	3.0	1.0	8.9	11.7	-3.7

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
September 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	13.5	12.9	12.0	11.5	12.3	13.0	12.5	13.4	14.9	17.3	18.4	19.1	20.9	21.9	17.5	12.9	13.3	12.2	13.4	11.2	9.8	9.0	7.3	5.8	13.6	21.9	5.8
2	4.5	2.7	1.6	0.6	-0.5	-1.7	-2.2	-0.3	5.5	13.2	14.8	16.4	17.5	18.5	19.5	20.3	20.3	19.6	18.8	16.1	15.3	12.3	10.6	7.5	10.5	20.3	-2.2
3	3.8	2.6	1.4	0.0	-1.2	-1.1	-2.0	3.1	11.6	14.1	15.2	16.4	17.3	18.3	19.2	19.7	19.9	19.8	18.1	13.1	9.1	8.0	7.4	7.1	10.0	19.9	-2.0
4	6.6	6.5	6.1	5.8	4.7	2.9	1.5	4.7	11.2	14.1	14.7	14.7	14.8	15.5	15.7	15.9	16.1	15.9	14.8	11.5	7.4	5.4	3.9	1.7	9.7	16.1	1.5
5	1.3	-0.1	-0.5	-0.9	-1.6	-1.8	-1.9	1.1	8.9	13.5	14.4	15.9	17.0	18.1	19.3	20.0	20.1	19.5	18.0	14.7	10.3	8.5	8.4	9.1	9.6	20.1	-1.9
6	8.9	10.5	9.3	7.1	6.0	5.3	5.5	6.8	8.6	11.2	12.6	13.2	13.9	14.2	14.1	14.0	13.1	12.0	11.0	10.4	9.6	7.6	5.5	4.3	9.8	14.2	4.3
7	2.7	1.5	1.6	-0.2	-0.4	-1.5	-1.3	1.2	6.9	11.7	14.0	15.1	16.5	17.7	18.7	19.6	20.0	19.9	17.6	11.7	10.0	7.9	5.4	2.9	9.1	20.0	-1.5
8	2.3	1.8	0.2	-0.2	-0.4	-1.1	-1.0	2.4	9.6	17.2	19.7	20.8	21.5	22.5	22.9	23.3	23.5	23.0	18.9	13.3	10.7	8.9	7.4	5.6	11.4	23.5	-1.1
9	4.3	3.1	2.8	2.4	1.5	1.7	1.3	4.5	10.7	19.6	21.9	23.6	24.8	25.6	25.9	25.2	25.2	25.1	22.1	18.5	15.3	13.6	12.7	10.4	14.2	25.9	1.3
10	8.7	6.9	7.0	6.3	4.5	4.3	4.0	5.1	10.8	15.9	17.4	18.9	19.4	20.3	20.8	20.6	20.0	18.3	16.5	15.1	13.6	11.7	9.3	8.3	12.7	20.8	4.0
11	6.5	3.7	1.7	-0.3	-1.4	-2.2	-2.9	-0.1	6.9	8.2	9.0	9.8	10.2	10.8	11.4	11.5	11.7	11.2	9.8	6.5	2.5	0.0	-1.6	-1.3	5.1	11.7	-2.9
12	-1.2	-1.1	-0.9	-0.9	-1.1	-2.8	-3.9	-1.4	4.5	7.4	8.2	9.0	9.8	11.0	11.9	12.3	12.8	12.8	11.2	6.6	3.1	1.1	-0.8	-1.8	4.4	12.8	-3.9
13	-2.5	-2.6	-2.4	-3.4	-4.2	-3.6	-4.0	-0.6	6.5	12.1	13.9	15.3	16.7	18.3	19.3	20.0	20.4	20.3	15.9	10.9	8.6	6.7	4.4	4.3	7.9	20.4	-4.2
14	3.5	2.7	1.4	0.9	0.4	-0.6	-0.1	1.0	5.7	14.8	20.3	21.3	21.9	23.0	23.0	22.8	23.3	22.7	19.1	14.2	12.4	10.6	9.5	8.5	11.8	23.3	-0.6
15	6.1	5.5	5.9	4.2	3.8	3.4	2.1	3.4	9.4	15.3	20.3	21.4	21.8	22.0	21.9	21.9	20.9	20.0	18.1	16.0	13.1	11.4	9.5	8.1	12.7	22.0	2.1
16	7.1	6.0	5.5	3.8	2.4	2.1	1.3	2.9	7.6	9.9	10.4	12.8	14.3	14.9	14.5	15.2	15.1	14.7	12.0	9.6	7.3	7.3	6.3	4.2	8.6	15.2	1.3
17	2.7	0.9	-0.3	-0.9	-1.6	-2.9	-2.1	-0.1	4.7	10.3	13.1	14.6	16.0	17.0	17.9	18.3	18.2	17.7	15.0	10.6	7.7	5.9	4.6	2.8	7.9	18.3	-2.9
18	2.3	1.1	0.7	0.0	-0.8	-0.4	-0.6	1.4	7.7	15.3	17.7	19.0	20.4	21.4	22.3	22.7	22.6	22.2	20.3	16.5	12.4	8.1	6.1	4.2	10.9	22.7	-0.8
19	3.1	4.4	4.7	2.6	0.5	0.4	-0.8	0.9	7.2	13.0	15.8	17.2	18.5	19.9	21.2	21.6	21.6	20.8	17.8	12.9	10.4	7.8	5.9	5.4	10.5	21.6	-0.8
20	2.9	2.2	0.7	1.0	0.0	0.9	0.1	2.0	8.3	15.1	17.8	18.4	19.4	20.4	20.8	20.9	20.6	19.6	17.7	13.1	10.2	8.0	5.9	4.4	10.4	20.9	0.0
21	2.6	2.5	2.1	1.3	1.1	0.0	0.4	2.8	9.2	16.5	20.3	21.6	22.5	23.1	23.6	23.5	23.1	21.9	19.1	15.2	13.0	10.9	10.6	9.2	12.3	23.6	0.0
22	9.9	8.0	5.8	4.7	3.4	3.0	2.2	3.5	9.6	17.5	18.6	20.0	20.8	21.6	22.2	22.2	21.3	19.6	18.4	17.8	16.9	16.4	14.7	13.1	13.8	22.2	2.2
23	9.4	7.5	6.5	4.4	4.3	3.2	2.9	3.4	6.4	12.9	19.3	21.1	22.1	22.8	22.8	22.2	21.1	19.6	17.6	16.6	13.9	10.5	8.1	6.5	12.7	22.8	2.9
24	5.2	5.0	4.4	3.7	2.8	2.9	1.9	3.0	6.8	12.8	17.7	19.8	20.9	21.3	21.6	21.8	21.7	20.1	17.4	13.0	10.7	8.8	6.6	5.8	11.5	21.8	1.9
25	4.0	3.5	2.4	2.4	0.5	1.0	0.0	1.0	4.9	11.0	16.3	17.8	18.1	19.0	19.6	20.0	20.0	18.7	16.0	12.7	10.5	9.2	6.0	5.0	10.0	20.0	0.0
26	4.4	4.6	3.7	1.7	1.0	1.2	1.1	1.9	6.3	9.6	11.7	13.8	15.2	16.8	17.4	17.7	17.4	15.4	14.0	12.5	10.5	8.1	6.2	5.7	9.1	17.7	1.0
27	5.3	4.2	2.9	1.9	1.4	1.1	-0.2	1.1	5.5	10.8	14.6	16.1	17.2	18.0	18.6	18.8	19.0	18.4	13.3	10.2	7.3	5.7	4.8	3.9	9.2	19.0	-0.2
28	3.0	2.9	2.5	2.2	0.8	0.9	0.0	1.6	5.5	12.0	16.9	18.4	19.4	20.3	21.1	21.6	20.9	18.3	14.1	11.5	9.2	6.4	5.2	4.0	9.9	21.6	0.0
29	2.8	2.6	2.1	2.2	2.7	1.7	2.6	4.5	8.4	13.0	15.2	16.0	16.7	17.1	17.5	18.3	18.2	17.3	13.7	9.8	8.4	6.1	4.6	2.9	9.3	18.3	1.7
30	2.0	1.1	0.1	0.0	-0.5	-0.3	0.6	1.2	6.4	13.2	14.7	15.4	16.0	16.3	16.4	16.8	16.6	15.5	12.4	8.5	6.9	4.5	3.4	1.8	7.9	16.8	-0.5
Avg	4.5	3.8	3.0	2.1	1.3	1.0	0.6	2.5	7.9	13.3	15.8	17.1	18.1	18.9	19.3	19.4	19.3	18.4	16.1	12.7	10.2	8.2	6.6	5.3	10.2	19.8	0.1
Max	13.5	12.9	12.0	11.5	12.3	13.0	12.5	13.4	14.9	19.6	21.9	23.6	24.8	25.6	25.9	25.2	25.2	25.1	22.1	18.5	16.9	16.4	14.7	13.1	14.2	25.9	5.8
Min	-2.5	-2.6	-2.4	-3.4	-4.2	-3.6	-4.0	-1.4	4.5	7.4	8.2	9.0	9.8	10.8	11.4	11.5	11.7	11.2	9.8	6.5	2.5	0.0	-1.6	-1.8	4.4	11.7	-4.2

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
July 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	16.1	19.7	18.2	17.1	14.8	11.5	14.6	17.2	19.4	20.2	21.5	22.8	24.0	24.0	23.6	23.6	22.3	20.2	15.7	12.3	12.0	12.0	11.6	10.0	17.7	24.0	10.0
2	9.0	7.4	6.6	5.8	5.2	5.5	6.9	11.1	14.3	16.3	17.9	19.0	20.1	21.0	22.9	23.8	24.4	24.6	23.6	22.1	19.5	17.0	19.7	20.1	16.0	24.6	5.2
3	19.6	18.5	17.2	16.5	15.4	16.0	18.2	21.3	23.1	25.4	23.8	23.2	22.9	23.5	24.3	23.8	23.5	23.0	20.7	18.7	15.8	14.3	12.2	11.3	19.7	25.4	11.3
4	9.4	8.3	4.0	1.6	1.1	1.5	4.4	10.3	12.3	13.9	15.8	17.7	19.3	20.5	21.4	21.8	21.9	22.0	20.9	19.1	14.5	12.9	11.6	9.4	13.2	22.0	1.1
5	6.8	5.2	4.8	4.1	3.3	3.7	6.5	11.6	16.0	15.9	15.9	17.0	18.0	18.2	20.3	20.0	18.9	17.9	17.4	16.0	15.0	12.2	10.7	8.1	12.6	20.3	3.3
6	7.4	6.6	5.4	4.2	3.0	3.9	7.2	11.8	17.0	19.2	18.6	20.8	23.0	24.1	24.6	24.5	22.7	23.0	21.5	19.5	15.1	13.2	11.6	8.5	14.9	24.6	3.0
7	6.7	7.3	6.4	6.4	5.2	7.3	10.0	15.8	16.3	17.0	17.6	20.3	22.4	25.0	25.9	26.5	26.0	23.1	22.0	21.4	19.1	17.7	16.2	12.3	16.4	26.5	5.2
8	11.5	9.7	8.4	6.7	5.7	6.5	10.2	14.6	20.0	22.7	24.1	25.2	26.1	26.6	27.3	26.7	24.7	22.6	22.7	19.6	16.6	14.4	12.6	11.5	17.4	27.3	5.7
9	11.1	8.9	8.7	8.1	6.5	5.8	10.1	15.2	20.2	24.3	26.9	27.6	27.6	28.4	29.4	29.1	29.2	28.7	25.8	22.5	20.7	19.7	17.5	16.3	19.5	29.4	5.8
10	12.5	11.8	9.1	8.9	7.5	7.6	10.0	14.6	21.1	23.6	22.7	24.0	25.3	26.7	27.1	27.3	27.1	25.2	22.6	20.5	17.6	14.7	10.8	9.8	17.8	27.3	7.5
11	9.4	7.7	5.8	4.8	4.5	6.3	10.0	14.9	19.2	22.7	24.6	25.8	26.6	27.0	26.8	26.3	24.7	23.1	21.1	18.9	15.1	13.4	10.6	10.6	16.7	27.0	4.5
12	9.3	7.9	7.0	5.0	5.3	5.0	8.8	13.9	19.8	23.4	25.7	26.4	27.4	27.8	28.6	28.9	28.7	28.5	27.9	22.9	18.0	16.2	14.5	11.8	18.3	28.9	5.0
13	10.2	8.8	8.2	7.7	8.3	7.7	10.8	14.2	19.6	23.6	24.3	23.9	24.6	24.9	25.5	26.1	24.6	24.2	22.7	22.6	20.6	17.1	15.6	15.5	18.0	26.1	7.7
14	14.9	14.2	14.0	13.9	13.1	13.0	13.6	14.9	15.9	17.9	22.1	22.1	21.6	21.8	21.3	22.8	23.7	23.4	21.6	20.2	17.6	14.9	13.9	13.9	17.8	23.7	13.0
15	13.8	13.7	13.6	12.9	12.6	12.3	13.1	14.0	14.3	15.6	17.8	19.5	20.9	22.3	21.3	19.9	19.6	19.2	19.5	17.9	14.5	11.9	11.2	10.4	15.9	22.3	10.4
16	9.3	9.0	8.6	7.0	5.7	6.2	8.7	12.4	16.8	19.7	20.8	21.9	23.0	23.6	23.3	21.0	14.9	14.2	14.0	13.2	12.3	11.7	11.1	10.1	14.1	23.6	5.7
17	8.9	7.8	7.5	7.0	6.6	7.1	10.5	15.6	17.7	18.8	20.1	21.2	22.1	22.8	22.1	23.4	24.1	24.2	22.9	22.2	18.9	16.1	14.2	13.1	16.5	24.2	6.6
18	11.1	10.2	9.7	8.6	8.3	7.0	10.3	15.0	19.8	23.7	25.0	26.2	27.3	27.8	28.1	28.4	27.6	27.5	26.3	22.4	18.7	14.6	13.3	11.3	18.7	28.4	7.0
19	11.2	9.8	7.7	7.6	6.3	6.6	9.6	14.4	19.5	23.2	25.0	26.3	27.0	27.1	27.1	26.0	25.4	25.7	25.0	21.5	17.7	15.2	14.5	11.6	18.0	27.1	6.3
20	9.8	9.3	10.0	11.4	13.5	17.9	19.1	17.1	16.1	16.7	18.9	22.6	24.3	25.7	27.1	27.7	26.3	17.4	17.3	17.2	15.0	13.8	13.7	14.3	17.6	27.7	9.3
21	13.2	11.1	10.3	9.4	8.1	7.5	10.1	14.3	18.3	20.5	22.1	24.3	25.5	26.1	26.7	27.1	27.2	26.7	25.1	21.5	18.3	15.1	13.1	11.1	18.0	27.2	7.5
22	9.5	8.1	7.2	6.6	5.4	5.5	9.0	13.8	19.9	22.9	24.2	25.6	26.8	27.3	28.3	27.3	27.1	25.0	18.7	17.3	16.3	16.5	16.5	16.8	17.6	28.3	5.4
23	16.7	15.0	15.6	15.6	13.4	13.2	16.8	19.9	22.5	23.9	25.3	26.9	28.0	28.1	26.3	24.1	23.1	19.9	21.4	19.9	16.0	14.3	13.5	13.7	19.7	28.1	13.2
24	13.9	12.1	10.4	8.9	7.5	5.9	7.2	11.9	16.2	18.0	19.1	19.9	21.6	22.4	23.3	24.0	24.0	23.3	22.2	19.2	15.8	11.6	8.2	6.7	15.6	24.0	5.9
25	5.6	4.9	4.2	3.5	2.4	2.1	5.2	10.5	15.2	17.6	18.7	20.0	21.2	22.1	22.9	23.2	23.1	22.7	21.3	19.0	16.4	12.8	9.1	8.2	13.8	23.2	2.1
26	7.1	6.2	5.2	5.0	4.2	3.7	6.8	11.6	16.8	19.9	21.4	22.7	24.2	25.1	24.3	19.0	17.0	20.2	19.8	18.0	14.8	14.5	15.2	14.5	14.9	25.1	3.7
27	13.6	11.3	9.0	7.9	6.6	6.9	9.1	10.5	14.7	19.1	16.6	18.3	20.7	23.2	24.7	24.9	25.3	24.2	19.3	13.9	12.9	13.2	13.0	11.4	15.4	25.3	6.6
28	10.7	9.9	9.5	8.8	6.9	7.4	8.3	12.1	16.6	20.5	23.1	24.8	26.1	27.6	28.0	26.7	23.7	24.0	21.3	16.4	15.1	15.0	13.1	11.3	17.0	28.0	6.9
29	11.3	11.0	10.3	9.1	7.7	6.1	8.9	13.2	18.3	22.3	24.1	25.3	26.3	27.1	27.9	27.9	27.3	27.6	24.3	21.4	19.9	19.4	15.7	14.3	18.6	27.9	6.1
30	11.0	9.5	9.7	7.8	6.4	5.8	9.0	13.9	19.8	24.1	26.0	27.6	28.7	29.7	29.7	29.7	28.4	27.8	24.5	23.6	22.3	19.6	16.0	12.1	19.3	29.7	5.8
31	9.8	9.4	8.0	6.5	6.1	5.1	8.0	13.5	19.6	22.3	23.9	25.3	26.4	27.4	27.6	27.8	27.6	27.2	25.4	22.1	17.9	16.0	14.3	13.8	18.0	27.8	5.1
Avg	11.0	10.0	9.0	8.2	7.3	7.3	10.0	14.0	17.9	20.5	21.7	23.0	24.2	25.0	25.4	25.1	24.3	23.4	21.8	19.5	16.8	14.9	13.4	12.1	16.9	26.0	6.5
Max	19.6	19.7	18.2	17.1	15.4	17.9	19.1	21.3	23.1	25.4	26.9	27.6	28.7	29.7	29.7	29.7	29.2	28.7	27.9	23.6	22.3	19.7	19.7	20.1	19.7	29.7	13.2
Min	5.6	4.9	4.0	1.6	1.1	1.5	4.4	10.3	12.3	13.9	15.8	17.0	18.0	18.2	20.3	19.0	14.9	14.2	14.0	12.3	12.0	11.6	8.2	6.7	12.6	20.3	1.1

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
August 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	11.9	10.4	10.2	8.5	7.5	6.2	8.3	13.4	18.3	20.6	22.1	23.0	23.8	24.4	25.0	25.3	25.6	24.9	23.1	18.8	15.0	13.1	10.1	8.0	16.6	25.6	6.2
2	6.8	6.7	5.2	4.2	3.3	2.2	5.7	11.3	17.5	20.0	21.3	22.2	22.6	23.6	22.8	21.7	20.0	19.0	18.6	17.5	17.2	15.6	12.8	10.6	14.5	23.6	2.2
3	9.8	9.5	8.5	7.7	6.5	5.9	6.1	7.4	8.9	9.6	11.0	12.6	13.6	13.8	15.0	15.9	15.7	14.9	14.3	12.0	9.3	7.7	5.9	5.5	10.3	15.9	5.5
4	3.5	2.5	1.0	0.3	-0.1	-0.4	1.3	6.2	11.7	14.9	16.4	17.9	19.4	20.4	21.4	22.2	22.4	22.5	22.2	17.4	12.7	8.9	7.2	6.2	11.6	22.5	-0.4
5	5.1	4.2	4.6	3.4	2.7	2.5	4.6	10.9	17.1	22.2	24.2	25.5	26.6	27.9	28.3	29.0	29.0	28.7	27.3	22.7	18.2	15.9	13.0	9.9	16.8	29.0	2.5
6	9.0	8.2	8.8	8.2	6.9	6.3	7.7	12.4	16.5	21.4	25.5	27.7	29.1	28.4	27.9	28.7	26.0	24.4	23.2	21.7	18.9	16.4	15.8	13.9	18.0	29.1	6.3
7	11.5	9.2	7.8	6.2	5.2	3.9	6.4	11.6	18.2	22.5	24.6	26.0	27.3	27.6	28.1	28.5	28.2	27.4	25.6	22.1	16.1	12.8	10.8	8.6	17.3	28.5	3.9
8	7.2	6.5	6.3	5.7	5.4	5.1	7.3	12.9	21.4	25.6	27.4	29.1	30.3	30.8	31.5	31.0	28.3	25.4	24.0	24.0	24.2	22.4	20.9	16.9	19.6	31.5	5.1
9	14.2	12.3	10.9	9.0	8.6	7.2	8.4	12.0	17.8	22.6	24.2	25.5	27.0	27.7	27.4	27.5	28.1	27.4	26.0	22.1	19.3	18.8	15.3	13.5	18.9	28.1	7.2
10	12.5	11.9	12.5	15.3	13.4	11.6	11.1	13.4	16.8	21.3	22.4	21.9	19.8	18.3	19.5	21.1	20.4	19.5	19.2	17.0	14.8	14.6	15.6	14.5	16.6	22.4	11.1
11	14.1	12.8	11.9	11.5	11.5	11.2	11.2	12.6	14.6	17.0	19.4	21.7	22.8	24.1	24.3	23.9	22.8	22.6	22.4	19.4	15.2	13.7	12.2	9.6	16.8	24.3	9.6
12	8.2	7.2	6.8	5.5	5.8	6.1	8.6	15.7	19.1	20.9	22.0	22.7	23.4	23.4	23.8	24.0	23.7	24.6	22.9	20.9	18.8	19.2	19.0	18.0	17.1	24.6	5.5
13	17.5	16.2	14.8	11.4	9.6	8.0	8.3	12.3	17.3	21.2	23.0	24.3	25.6	25.9	26.4	26.6	26.5	25.7	23.2	18.4	15.0	11.2	9.9	8.7	17.8	26.6	8.0
14	7.3	6.1	5.8	4.7	4.5	3.6	5.1	9.8	17.8	22.1	23.6	24.8	25.7	26.4	27.0	27.6	27.4	26.7	24.7	21.9	20.7	14.3	12.6	12.2	16.8	27.6	3.6
15	11.7	10.9	10.1	9.6	8.9	8.2	8.7	8.7	8.4	8.8	9.5	9.8	10.5	10.7	11.5	12.0	11.7	11.6	11.1	10.2	9.5	9.3	9.0	7.2	9.9	12.0	7.2
16	6.8	6.0	6.1	7.1	8.1	7.9	8.5	9.5	10.8	12.4	14.2	16.2	18.4	20.0	20.9	21.5	22.0	21.9	20.4	16.7	12.6	9.1	8.5	7.2	13.0	22.0	6.0
17	5.1	4.2	3.0	1.7	1.4	1.1	2.0	7.4	14.3	19.5	21.2	22.5	23.4	24.4	25.2	25.4	25.1	24.1	21.8	16.6	13.0	9.0	6.9	6.6	13.5	25.4	1.1
18	5.4	3.7	2.8	2.8	1.5	1.2	2.3	8.4	14.9	19.8	21.7	23.1	24.1	25.1	25.5	25.8	26.2	25.1	22.6	19.9	15.6	13.7	11.5	9.1	14.7	26.2	1.2
19	8.2	6.3	5.7	5.5	4.4	2.9	4.0	9.6	16.3	21.5	23.4	24.7	26.2	26.5	25.8	25.5	25.2	25.1	21.9	18.3	14.7	13.8	12.6	11.2	15.8	26.5	2.9
20	9.0	6.8	7.4	7.5	7.7	6.3	6.8	11.2	17.6	23.4	25.3	26.5	27.3	27.7	26.4	27.4	27.0	24.7	22.4	20.7	17.4	15.1	12.6	11.0	17.3	27.7	6.3
21	10.1	9.0	8.2	9.2	7.0	6.7	6.6	11.6	17.4	Au	Au	Au	Au	28.4	28.0	26.7	24.6	23.2	22.1	18.4	14.8	13.9	13.8	13.0	15.6	28.4	6.6
22	12.3	11.4	10.0	9.2	8.2	7.8	7.0	9.5	13.2	17.1	19.5	19.9	21.8	22.5	23.3	23.6	23.6	22.9	21.2	16.9	12.5	11.2	8.8	6.8	15.0	23.6	6.8
23	5.2	4.0	2.9	2.5	1.9	2.1	2.6	6.8	13.0	19.4	21.8	22.8	23.8	24.3	24.7	25.0	24.8	24.4	22.1	15.9	12.5	10.4	9.3	8.4	13.8	25.0	1.9
24	8.2	6.9	6.4	3.8	2.9	1.2	1.6	5.5	12.6	15.9	16.6	16.6	16.9	17.6	17.7	17.5	16.9	15.8	14.2	11.6	8.9	4.6	1.9	-0.3	10.1	17.7	-0.3
25	-2.1	-2.9	-4.3	-4.6	-5.1	-5.4	-4.1	1.5	9.0	13.3	14.9	16.8	18.0	19.7	20.6	21.3	21.7	21.1	19.3	12.6	9.6	5.8	4.7	3.4	8.5	21.7	-5.4
26	3.6	3.9	1.9	1.1	0.5	0.5	0.7	5.2	14.1	17.5	19.2	20.7	21.9	23.2	24.1	24.9	24.3	22.2	21.2	19.6	18.0	17.5	14.6	16.0	14.0	24.9	0.5
27	13.7	12.7	12.9	12.1	8.4	6.4	6.6	12.2	20.3	22.9	24.9	26.5	28.1	28.7	28.8	28.2	24.5	22.1	21.8	20.4	17.4	15.2	13.8	11.1	18.3	28.8	6.4
28	9.8	7.7	6.3	5.4	4.5	3.6	5.5	10.1	17.9	24.5	27.4	28.6	30.0	30.6	30.9	31.0	30.8	30.1	26.6	20.8	18.9	15.8	12.4	13.8	18.5	31.0	3.6
29	12.9	14.0	11.8	8.6	6.1	4.8	4.8	9.2	17.3	20.3	21.3	21.4	22.4	22.9	23.6	23.4	22.6	20.7	17.5	15.0	12.8	10.5	7.2	4.7	14.8	23.6	4.7
30	4.1	3.2	2.3	0.9	-0.3	-1.0	0.2	4.3	11.0	17.1	18.6	20.2	21.7	22.7	23.7	23.5	23.4	22.5	19.3	13.9	12.2	10.6	8.7	7.5	12.1	23.7	-1.0
31	6.1	4.5	3.8	2.1	2.0	2.5	2.4	5.3	10.7	17.5	24.1	24.9	26.0	26.7	26.4	26.8	26.5	24.1	20.9	19.7	17.3	17.7	15.8	13.5	15.3	26.8	2.0
Avg	8.7	7.6	6.9	6.0	5.1	4.4	5.4	9.6	15.2	19.1	21.0	22.2	23.3	24.0	24.4	24.6	24.0	23.1	21.4	18.2	15.3	13.2	11.4	9.9	15.1	25.0	4.1
Max	17.5	16.2	14.8	15.3	13.4	11.6	11.2	15.7	21.4	25.6	27.4	29.1	30.3	30.8	31.5	31.0	30.8	30.1	27.3	24.0	24.2	22.4	20.9	18.0	19.6	31.5	11.1
Min	-2.1	-2.9	-4.3	-4.6	-5.1	-5.4	-4.1	1.5	8.4	8.8	9.5	9.8	10.5	10.7	11.5	12.0	11.7	11.6	11.1	10.2	8.9	4.6	1.9	-0.3	8.5	12.0	-5.4

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
September 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	13.1	12.7	11.9	11.3	12.0	12.8	12.3	13.6	15.5	18.0	19.0	19.7	21.9	23.1	17.7	12.6	13.0	12.2	13.1	10.8	9.6	8.8	6.8	5.0	13.6	23.1	5.0
2	3.4	1.8	0.7	0.2	-1.1	-2.4	-2.7	-0.1	5.8	13.7	15.6	17.4	18.6	19.6	20.5	21.2	20.8	19.2	17.9	14.8	14.0	10.5	8.7	6.1	10.2	21.2	-2.7
3	2.5	1.7	0.2	-1.7	-2.7	-2.3	-2.7	3.1	12.1	14.9	16.2	17.6	18.5	19.4	20.4	20.7	20.6	20.0	16.7	11.4	8.4	7.5	6.9	6.4	9.8	20.7	-2.7
4	5.9	5.5	5.2	4.9	3.7	1.8	0.6	5.0	11.8	14.9	15.7	15.9	16.0	16.8	16.8	16.6	16.7	16.2	13.8	10.0	6.7	4.3	2.9	0.1	9.5	16.8	0.1
5	-0.9	-1.6	-1.9	-2.7	-3.2	-3.5	-3.3	1.4	9.3	14.3	15.5	17.1	18.3	19.4	20.4	21.0	20.7	19.6	16.7	12.7	9.2	7.6	7.0	7.7	9.2	21.0	-3.5
6	7.3	9.8	8.1	6.0	5.2	4.4	4.8	7.0	9.1	11.8	13.6	13.8	14.8	14.8	15.2	14.9	13.6	12.4	11.2	10.5	9.7	7.2	4.6	2.8	9.7	15.2	2.8
7	0.9	0.7	1.0	-1.3	-2.0	-2.6	-2.5	1.2	7.1	12.2	15.0	16.2	17.6	18.8	19.6	20.2	20.8	20.1	16.3	10.9	9.0	7.0	3.1	1.3	8.8	20.8	-2.6
8	0.4	-0.2	-1.5	-2.2	-2.9	-3.2	-2.8	2.6	9.9	17.7	20.4	21.8	22.3	23.4	23.8	24.0	24.1	22.9	17.8	12.4	9.4	7.4	5.7	3.5	10.7	24.1	-3.2
9	2.5	1.6	0.6	0.5	-0.7	-0.2	-0.2	4.4	11.0	20.2	22.8	24.8	25.9	26.7	26.5	25.1	25.5	25.2	20.7	17.0	13.4	11.6	11.0	9.4	13.6	26.7	-0.7
10	7.3	5.5	5.9	5.1	3.0	3.0	2.8	5.2	11.1	16.6	18.3	19.9	20.4	21.4	21.7	21.1	20.2	18.1	15.9	14.6	12.6	10.6	8.1	7.0	12.3	21.7	2.8
11	3.8	1.6	0.2	-1.5	-3.0	-3.8	-3.9	-0.1	7.4	9.0	10.1	11.1	11.5	12.0	12.5	12.4	12.3	11.3	8.8	4.0	1.5	-1.0	-2.1	-2.2	4.7	12.5	-3.9
12	-1.8	-2.0	-1.5	-1.6	-2.9	-4.2	-5.0	-1.3	5.0	8.3	9.1	9.9	10.7	11.9	13.0	13.2	13.5	13.0	10.1	5.4	2.1	-0.8	-2.2	-3.1	4.1	13.5	-5.0
13	-4.0	-3.8	-3.9	-4.9	-5.0	-5.6	-5.2	-0.6	7.0	12.7	14.7	16.2	17.6	19.0	20.2	20.8	20.9	20.4	15.0	10.6	7.2	4.6	2.9	2.8	7.5	20.9	-5.6
14	0.9	-0.2	-1.0	-1.7	-2.6	-2.4	-1.9	0.6	6.0	15.2	20.9	22.2	22.9	24.0	23.5	23.2	23.5	22.4	17.3	13.2	11.7	9.8	8.1	6.6	10.9	24.0	-2.6
15	4.4	4.1	4.4	2.2	1.9	1.3	0.3	3.2	9.6	15.8	20.9	22.2	22.7	22.9	22.7	22.6	21.0	19.5	16.9	15.2	12.2	10.9	8.5	7.2	12.2	22.9	0.3
16	6.1	4.4	3.9	2.6	0.9	0.8	-0.2	2.7	7.8	10.6	11.1	13.9	15.5	16.2	15.4	16.0	15.7	14.9	11.1	8.1	5.8	6.5	4.8	2.9	8.2	16.2	-0.2
17	2.0	-0.3	-1.8	-2.0	-3.3	-4.1	-3.5	-0.1	5.1	10.8	14.1	15.7	17.2	18.2	19.0	19.1	18.7	17.7	13.8	9.7	6.7	4.6	3.7	1.7	7.6	19.1	-4.1
18	0.8	0.0	-0.5	-1.6	-2.5	-2.1	-2.1	1.4	8.0	16.0	18.6	20.1	21.6	22.6	23.4	23.4	23.0	22.0	19.4	14.4	9.9	7.1	4.6	2.2	10.4	23.4	-2.5
19	1.2	1.7	2.7	1.0	-0.6	-2.0	-2.3	0.7	7.6	13.5	16.5	18.3	19.6	20.9	22.1	22.5	21.9	20.5	16.4	11.1	9.3	6.9	4.9	4.4	10.0	22.5	-2.3
20	1.3	0.0	-0.5	-1.0	-1.5	-0.5	-1.6	2.0	8.6	15.4	18.6	19.4	20.5	21.5	21.7	21.4	20.9	19.0	15.9	11.5	8.6	6.5	4.4	2.3	9.8	21.7	-1.6
21	1.3	1.2	0.4	-0.1	-0.8	-1.6	-1.5	2.9	9.4	16.9	21.1	22.7	23.7	24.2	24.6	24.3	23.6	21.8	17.9	14.4	11.5	9.2	8.5	6.7	11.8	24.6	-1.6
22	7.6	5.8	3.8	3.1	1.9	0.8	0.4	3.4	9.9	18.3	19.7	21.3	22.0	22.7	23.2	23.0	21.6	19.4	17.9	16.7	15.3	14.8	12.7	9.7	13.1	23.2	0.4
23	8.2	6.7	4.8	2.3	2.6	1.5	1.4	2.3	6.6	13.3	20.0	22.1	23.3	24.0	23.9	23.0	21.3	19.3	16.1	14.7	11.1	9.3	6.6	5.2	12.1	24.0	1.4
24	4.3	3.7	3.2	2.1	1.5	1.1	0.2	2.0	7.1	13.2	18.1	20.5	21.7	22.0	22.3	22.4	22.0	19.6	15.6	11.8	9.4	6.8	5.2	4.6	10.9	22.4	0.2
25	2.8	1.5	1.0	0.2	-0.8	-1.4	-2.0	0.0	5.3	11.4	16.9	18.7	18.7	19.6	20.2	20.3	20.0	18.4	15.1	11.6	9.1	7.3	4.5	3.1	9.2	20.3	-2.0
26	2.6	3.2	1.5	0.3	-0.5	0.0	0.1	2.0	6.8	10.3	12.4	14.7	16.1	17.7	18.3	18.5	17.9	15.3	13.5	11.6	9.6	7.0	5.2	4.7	8.7	18.5	-0.5
27	4.2	2.6	1.6	0.7	0.1	-0.6	-1.3	0.4	5.8	11.3	15.1	17.0	18.1	18.9	19.4	19.3	19.5	18.2	12.7	9.2	5.6	4.0	2.8	2.1	8.6	19.5	-1.3
28	1.4	1.4	1.3	0.9	-0.4	-0.5	-1.6	0.9	5.9	12.4	17.6	19.3	20.3	21.2	22.0	22.3	21.0	17.6	13.3	10.8	8.0	4.6	3.3	2.3	9.4	22.3	-1.6
29	1.3	1.0	0.7	1.0	1.1	0.7	1.8	4.3	8.7	13.3	16.1	16.9	17.6	17.7	18.3	19.0	18.4	16.6	12.1	9.3	7.4	4.5	3.1	1.1	8.8	19.0	0.7
30	0.2	-0.9	-1.3	-1.9	-1.8	-1.4	-0.4	0.9	6.8	13.8	15.7	16.5	17.1	17.4	17.1	17.4	16.8	14.8	11.3	7.6	5.9	3.1	2.0	0.1	7.4	17.4	-1.9
Avg	3.0	2.3	1.6	0.7	-0.1	-0.5	-0.7	2.4	8.2	13.9	16.6	18.1	19.1	19.9	20.2	20.0	19.6	18.3	15.0	11.5	9.0	6.9	5.2	3.8	9.8	20.6	-1.3
Max	13.1	12.7	11.9	11.3	12.0	12.8	12.3	13.6	15.5	20.2	22.8	24.8	25.9	26.7	26.5	25.1	25.5	25.2	20.7	17.0	15.3	14.8	12.7	9.7	13.6	26.7	5.0
Min	-4.0	-3.8	-3.9	-4.9	-5.0	-5.6	-5.2	-1.3	5.0	8.3	9.1	9.9	10.7	11.9	12.5	12.4	12.3	11.3	8.8	4.0	1.5	-1.0	-2.2	-3.1	4.1	12.5	-5.6

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
July 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.17	0.33	0.59	0.98	1.70	1.20	-0.09	-0.37	-0.60	-0.68	-0.81	-0.81	-0.95	-0.89	-0.61	-0.57	-0.24	0.26	0.43	0.12	0.02	-0.04	0.07	0.42	0.03	1.70	-0.95
2	0.28	0.52	0.41	0.25	0.14	-0.09	-0.24	-0.45	-0.58	-0.59	-0.74	-0.76	-0.63	-0.60	-0.75	-0.67	-0.52	-0.18	0.42	0.35	0.80	1.26	0.35	0.14	-0.08	1.26	-0.76
3	0.26	0.47	0.72	0.76	1.48	0.68	0.07	-0.10	-0.41	-0.40	-0.54	-0.80	-0.67	-0.72	-0.81	-0.62	-0.48	-0.32	0.07	0.20	0.48	0.47	0.63	0.57	0.04	1.48	-0.81
4	0.96	1.03	1.22	0.91	0.46	0.06	-0.30	-0.48	-0.74	-0.83	-0.88	-0.88	-0.99	-0.97	-0.91	-0.69	-0.57	-0.39	0.13	0.47	1.17	1.37	1.66	1.27	0.09	1.66	-0.99
5	1.60	1.23	0.92	1.36	0.99	0.66	-0.11	-0.11	-0.02	0.10	-0.15	-0.24	-0.28	-0.33	-0.36	-0.30	-0.11	-0.13	0.05	0.21	0.41	0.37	0.34	0.83	0.29	1.60	-0.36
6	0.73	0.58	0.86	1.40	1.51	0.69	-0.17	-0.32	-0.54	-0.45	-0.29	-0.56	-0.61	-0.82	-0.65	-0.43	0.39	-0.14	0.39	0.46	1.41	1.25	0.92	1.34	0.29	1.51	-0.82
7	1.91	1.73	0.81	1.02	1.70	0.91	0.11	1.25	0.82	1.19	0.82	-0.09	-0.46	-0.68	-0.76	-0.81	-0.26	0.64	0.61	0.37	0.56	0.51	0.38	0.81	0.55	1.91	-0.81
8	0.60	0.91	1.04	1.50	1.38	0.48	-0.26	-0.33	-0.40	-0.45	-0.68	-0.93	-0.93	-0.80	-0.96	-0.59	0.69	0.83	-0.21	-0.09	0.91	0.22	0.06	0.17	0.09	1.50	-0.96
9	0.25	0.61	0.46	0.61	1.33	1.64	-0.18	-0.37	-0.35	-0.40	-0.50	-0.66	-0.46	-0.69	-0.90	-0.65	-0.73	-0.54	0.27	1.65	1.53	1.58	1.74	0.19	0.23	1.74	-0.90
10	1.23	0.80	1.46	1.01	1.57	1.04	-0.25	-0.36	-0.35	-0.61	-0.04	-0.32	-0.47	-0.75	-0.69	-0.55	-0.23	0.90	1.70	0.33	1.63	1.53	1.91	1.11	0.48	1.91	-0.75
11	0.87	1.10	1.22	1.40	1.56	0.45	-0.07	-0.43	-0.40	-0.44	-0.66	-0.84	-1.02	-0.96	-0.62	-0.25	0.55	0.41	0.21	1.20	1.25	0.80	1.39	0.62	0.31	1.56	-1.02
12	0.91	0.90	1.18	1.19	1.11	1.26	-0.24	-0.44	-0.36	-0.46	-0.78	-0.72	-1.02	-0.76	-0.87	-0.69	-0.54	-0.33	0.20	1.64	0.93	0.64	0.99	1.22	0.21	1.64	-1.02
13	1.63	2.02	1.57	1.68	1.27	1.87	0.71	0.29	-0.34	-0.39	-0.41	-0.08	-0.04	-0.27	-0.39	-0.15	0.05	0.25	0.75	0.24	0.09	0.45	0.34	0.56	0.49	2.02	-0.41
14	0.62	0.44	0.26	0.32	0.75	0.32	0.02	-0.11	-0.17	-0.35	-0.82	-0.61	-0.32	-0.43	-0.40	-0.82	-0.70	-0.43	0.32	0.49	0.00	0.07	0.01	-0.02	-0.06	0.75	-0.82
15	-0.07	-0.11	-0.07	0.15	0.01	-0.13	-0.16	-0.22	-0.22	-0.26	-0.72	-0.72	-0.75	-0.76	-0.55	-0.27	-0.18	-0.34	-0.27	0.74	0.96	0.50	0.37	0.27	-0.12	0.96	-0.76
16	0.48	0.50	0.43	0.59	0.83	0.34	-0.25	-0.38	-0.41	-0.59	-0.54	-0.54	-0.69	-0.58	-0.49	0.09	0.07	0.01	0.02	0.06	0.15	0.26	0.20	0.28	-0.01	0.83	-0.69
17	0.54	0.52	0.69	0.76	0.88	0.46	-0.27	-0.42	-0.66	-0.59	-0.55	-0.65	-0.69	-0.70	-0.35	-0.62	-0.49	-0.26	0.55	0.71	1.49	0.24	0.09	0.19	0.04	1.49	-0.70
18	0.52	0.35	0.55	0.49	0.37	0.72	-0.21	-0.30	-0.28	-0.48	-0.57	-0.61	-0.66	-0.66	-0.59	-0.49	0.04	0.17	0.76	2.13	0.91	0.85	0.66	0.69	0.18	2.13	-0.66
19	0.64	0.93	0.94	1.24	1.12	1.09	-0.12	-0.41	-0.38	-0.39	-0.54	-0.63	-0.58	-0.08	0.00	0.51	1.06	0.12	0.14	0.99	0.96	0.75	0.78	1.18	0.39	1.24	-0.63
20	1.85	1.24	1.29	1.56	1.93	1.37	0.82	0.53	0.59	-0.05	-0.24	-0.72	-0.89	-0.78	-0.79	-0.61	0.00	0.46	-0.13	0.10	0.53	0.35	0.49	0.61	0.40	1.93	-0.89
21	0.68	0.87	0.76	0.53	0.86	0.71	-0.15	-0.38	-0.40	-0.59	-0.60	-0.59	-0.82	-0.76	-0.71	-0.52	-0.34	0.01	0.63	2.30	2.55	1.59	1.16	0.85	0.32	2.55	-0.82
22	1.45	1.71	1.23	1.15	1.51	0.69	-0.10	-0.36	-0.39	-0.56	-0.50	-0.66	-0.63	-0.38	-0.66	-0.11	0.18	0.52	0.87	0.28	0.40	0.84	0.90	0.70	0.34	1.71	-0.66
23	0.72	1.65	1.50	1.57	2.01	0.86	-0.06	-0.05	-0.36	-0.51	-0.69	-0.94	-0.82	-0.67	0.08	0.21	0.15	0.25	-0.03	0.61	1.02	1.07	0.80	0.18	0.36	2.01	-0.94
24	0.44	0.21	0.97	0.67	0.47	0.77	0.13	-0.33	-0.31	-0.66	-0.78	-0.85	-1.05	-0.93	-0.90	-0.83	-0.53	-0.21	0.27	1.13	1.40	1.53	0.98	1.58	0.13	1.58	-1.05
25	2.31	1.88	1.18	1.29	1.42	1.28	0.02	-0.48	-0.46	-0.81	-0.91	-0.89	-0.97	-0.95	-0.93	-0.78	-0.59	-0.37	-0.10	0.34	0.57	1.81	2.18	1.70	0.32	2.31	-0.97
26	1.05	1.23	1.12	1.08	1.34	1.30	-0.09	-0.31	-0.40	-0.67	-0.75	-0.73	-0.92	-0.82	-0.14	0.75	-0.30	-0.45	-0.13	0.43	1.15	0.98	0.79	1.33	0.29	1.34	-0.92
27	1.34	1.36	1.39	1.51	1.31	0.99	0.15	0.10	-0.24	-0.49	0.01	-0.56	-0.45	-0.72	-0.76	-0.49	-0.42	0.11	0.53	0.45	0.18	0.18	0.55	0.55	0.27	1.51	-0.76
28	0.09	0.24	0.18	0.23	0.88	0.23	-0.20	-0.25	-0.36	-0.42	-0.53	-0.59	-0.76	-0.95	-0.72	0.09	0.73	-0.17	0.45	0.36	0.69	0.60	0.54	0.85	0.05	0.88	-0.95
29	0.44	0.40	0.65	0.77	0.97	1.03	-0.07	-0.30	-0.33	-0.42	-0.57	-0.73	-0.76	-0.77	-0.78	-0.58	-0.24	-0.34	0.83	0.50	0.82	1.19	2.35	2.36	0.27	2.36	-0.78
30	2.27	1.78	1.10	1.47	1.65	1.56	0.00	-0.38	-0.39	-0.50	-0.67	-0.89	-1.08	-1.05	-0.67	-0.48	-0.02	0.14	1.14	0.89	1.37	1.06	1.41	1.96	0.49	2.27	-1.08
31	2.03	1.13	1.40	1.32	1.27	1.46	0.03	-0.33	-0.36	-0.49	-0.84	-1.01	-1.05	-1.12	-0.91	-0.78	-0.49	-0.18	0.64	1.15	1.62	1.38	2.08	1.73	0.40	2.08	-1.12
Avg	0.96	0.92	0.90	0.99	1.15	0.84	-0.05	-0.21	-0.32	-0.43	-0.53	-0.66	-0.72	-0.72	-0.63	-0.41	-0.13	0.01	0.37	0.67	0.90	0.83	0.87	0.85	0.23	1.66	-0.83
Max	2.31	2.02	1.57	1.68	2.01	1.87	0.82	1.25	0.82	1.19	0.82	-0.08	-0.04	-0.08	0.08	0.75	1.06	0.90	1.70	2.30	2.55	1.81	2.35	2.36	0.55	2.55	-0.36
Min	-0.07	-0.11	-0.07	0.15	0.01	-0.13	-0.30	-0.48	-0.74	-0.83	-0.91	-1.01	-1.08	-1.12	-0.96	-0.83	-0.73	-0.54	-0.27	-0.09	0.00	-0.04	0.01	-0.02	-0.12	0.75	-1.12

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
August 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.29	1.54	0.70	1.57	1.40	0.94	0.12	-0.40	-0.44	-0.48	-0.92	-0.92	-0.93	-0.89	-0.80	-0.70	-0.59	-0.29	0.59	1.70	1.09	1.11	1.26	2.05	0.33	2.05	-0.93
2	1.47	1.29	0.98	1.49	1.31	1.37	-0.11	-0.47	-0.45	-0.90	-1.15	-1.15	-1.03	-1.25	-0.61	-0.25	0.07	0.33	0.52	0.58	0.48	0.47	0.62	0.09	0.15	1.49	-1.25
3	-0.05	0.14	0.12	0.04	-0.02	0.00	-0.29	-0.36	-0.57	-0.56	-0.87	-1.07	-1.24	-1.02	-1.15	-1.19	-0.83	-0.53	-0.24	0.45	1.74	1.50	0.97	0.59	-0.19	1.74	-1.24
4	1.23	1.05	1.05	0.87	0.99	0.51	0.31	-0.35	-0.44	-0.61	-0.72	-0.73	-0.86	-0.80	-0.88	-0.76	-0.61	-0.42	-0.33	0.77	0.34	1.37	1.58	1.92	0.19	1.92	-0.88
5	1.81	1.73	1.47	1.74	1.99	1.75	0.37	-0.34	-0.30	-0.56	-0.68	-0.87	-0.95	-1.17	-0.85	-0.82	-0.64	-0.31	0.46	1.16	1.67	1.04	1.07	2.09	0.45	2.09	-1.17
6	1.82	1.00	1.36	1.31	1.88	1.42	0.50	-0.24	-0.37	-0.53	-0.63	-0.78	-1.11	-0.76	-0.50	-0.80	-0.07	0.34	0.56	0.82	1.41	1.24	0.40	0.97	0.39	1.88	-1.11
7	1.25	0.95	1.14	1.37	1.32	1.57	0.25	-0.38	-0.42	-0.64	-0.84	-0.98	-1.04	-0.95	-0.79	-0.74	-0.51	-0.15	0.84	1.31	2.49	1.32	1.70	2.22	0.43	2.49	-1.04
8	1.93	1.80	1.88	1.89	1.36	1.99	1.10	-0.26	-0.42	-0.79	-0.77	-0.98	-1.06	-1.00	-0.77	-0.51	0.32	0.35	0.79	0.90	0.65	0.73	0.65	1.07	0.45	1.99	-1.06
9	1.67	1.45	1.24	1.43	1.10	1.75	0.32	-0.30	-0.45	-0.49	-0.59	-0.63	-0.98	-0.84	-0.43	-0.44	-0.45	-0.12	0.33	1.00	1.24	0.96	1.08	1.86	0.40	1.86	-0.98
10	1.44	1.74	0.97	0.81	0.76	0.45	0.32	0.08	-0.25	-0.29	-0.21	0.12	0.48	0.07	-0.42	-0.31	0.15	0.25	0.58	0.96	0.81	0.58	0.64	0.69	0.43	1.74	-0.42
11	0.47	0.38	0.43	0.10	0.12	0.05	-0.10	-0.25	-0.34	-0.46	-0.85	-0.99	-0.93	-1.21	-1.08	-0.74	-0.05	0.01	-0.05	0.77	1.18	0.83	1.59	1.40	0.01	1.59	-1.21
12	2.24	1.63	1.22	1.86	1.51	1.41	1.51	0.09	-0.69	-1.02	-1.37	-1.22	-1.20	-0.65	-0.45	-0.44	-0.03	-0.43	0.18	0.37	0.79	0.36	0.16	0.37	0.26	2.24	-1.37
13	0.25	0.36	1.10	2.54	1.51	1.02	0.35	-0.31	-0.41	-0.73	-0.92	-0.96	-1.15	-0.97	-0.94	-0.78	-0.58	-0.09	0.78	1.18	1.08	1.66	1.28	1.32	0.27	2.54	-1.15
14	1.52	1.53	1.17	1.64	1.43	1.53	0.31	-0.33	-0.43	-0.80	-0.99	-1.16	-1.27	-1.26	-1.16	-0.90	-0.50	-0.17	0.37	1.17	0.67	0.00	-0.11	-0.10	0.09	1.64	-1.27
15	0.00	0.05	-0.05	-0.06	-0.04	0.13	0.05	0.03	-0.17	-0.28	-0.50	-0.52	-0.62	-0.42	-0.63	-0.56	-0.42	-0.47	-0.28	-0.14	-0.12	-0.15	-0.05	0.93	-0.18	0.93	-0.63
16	0.56	0.57	0.60	0.42	-0.10	-0.13	-0.24	-0.22	-0.64	-0.82	-0.86	-0.80	-0.85	-0.96	-1.06	-0.90	-0.76	-0.52	0.22	1.11	0.87	1.05	0.92	0.74	-0.08	1.11	-1.06
17	1.29	1.20	1.32	1.73	1.25	1.09	0.10	-0.35	-0.46	-0.52	-0.75	-0.90	-0.94	-1.06	-1.05	-0.90	-0.72	-0.40	0.33	2.40	2.13	2.06	1.58	1.38	0.41	2.40	-1.06
18	1.69	2.24	1.68	1.31	1.42	1.32	1.11	-0.36	-0.49	-0.54	-0.60	-0.86	-0.89	-1.05	-0.78	-0.70	-0.64	-0.45	0.14	0.75	1.84	2.06	1.34	0.93	0.44	2.24	-1.05
19	1.29	2.29	3.07	2.26	1.58	1.60	1.34	-0.35	-0.34	-0.60	-0.74	-0.67	-0.89	-0.91	-0.46	-0.23	-0.10	-0.11	1.00	1.34	0.78	0.46	0.66	0.56	0.53	3.07	-0.91
20	1.19	1.52	1.00	1.05	1.04	1.43	0.16	-0.22	-0.32	-0.41	-0.68	-0.99	-1.15	-1.10	-0.51	-0.85	-0.55	0.36	1.49	1.68	1.28	1.24	1.70	1.40	0.41	1.70	-1.15
21	1.67	2.39	1.85	1.34	1.82	1.70	1.11	-0.21	-0.26	Au	Au	Au	Au	-1.01	-0.76	0.08	0.26	0.36	0.79	0.56	0.53	0.57	0.59	0.45	0.69	2.39	-1.01
22	0.23	0.20	0.31	0.21	0.15	0.28	0.11	-0.27	-0.32	-0.60	-0.77	-0.62	-0.95	-1.05	-1.00	-0.85	-0.59	-0.16	0.61	1.29	1.12	0.68	1.30	1.52	0.03	1.52	-1.05
23	1.27	1.72	2.20	1.41	1.57	1.18	0.99	-0.16	-0.34	-0.49	-0.83	-1.05	-1.20	-1.17	-1.04	-0.87	-0.49	-0.15	0.49	1.35	2.01	1.47	1.10	0.98	0.41	2.20	-1.20
24	1.05	0.88	1.00	1.47	1.20	1.61	0.82	-0.24	-0.44	-0.77	-0.95	-1.19	-1.26	-1.32	-1.09	-0.95	-0.65	-0.33	0.17	0.97	1.61	1.15	1.08	1.32	0.21	1.61	-1.32
25	1.21	1.34	1.53	1.32	1.64	1.69	0.79	-0.34	-0.52	-0.88	-1.03	-1.29	-1.07	-1.18	-1.02	-0.89	-0.75	-0.33	0.38	1.54	1.32	2.09	1.82	2.48	0.41	2.48	-1.29
26	1.83	1.18	1.86	1.84	1.72	1.39	0.73	-0.18	-0.46	-0.81	-1.24	-1.42	-1.34	-1.26	-0.97	-0.94	-0.51	-0.13	0.12	0.72	0.94	1.27	1.52	1.04	0.29	1.86	-1.42
27	0.86	0.58	0.50	0.97	1.53	2.25	1.18	-0.12	-0.38	-0.65	-0.84	-0.97	-1.07	-0.95	-0.83	-0.26	0.43	0.40	0.58	0.30	1.20	1.06	1.04	1.88	0.36	2.25	-1.07
28	1.50	1.73	2.13	2.29	1.64	1.88	0.85	-0.33	-0.42	-0.43	-0.86	-1.14	-1.25	-1.26	-1.14	-1.03	-0.65	-0.10	2.00	1.76	1.64	2.25	2.61	2.24	0.66	2.61	-1.26
29	2.61	3.06	1.42	1.66	2.24	1.93	1.03	-0.15	-0.43	-0.66	-0.86	-0.99	-1.11	-1.07	-0.94	-0.77	-0.46	0.13	1.51	1.83	1.69	1.75	1.61	1.95	0.71	3.06	-1.11
30	2.10	0.88	1.94	1.95	1.67	1.72	0.39	-0.09	-0.37	-0.93	-1.04	-1.12	-1.28	-1.05	-1.09	-0.81	-0.60	-0.09	1.14	0.72	0.87	1.87	2.52	2.20	0.48	2.52	-1.28
31	2.19	2.09	2.21	2.24	1.82	1.48	1.88	0.48	-0.24	-0.35	-0.85	-0.82	-1.05	-0.99	-0.68	-0.68	-0.40	-0.14	0.38	0.15	1.09	0.72	0.40	0.59	0.48	2.24	-1.05
Avg	1.32	1.31	1.27	1.36	1.25	1.24	0.56	-0.22	-0.41	-0.62	-0.83	-0.92	-1.01	-0.98	-0.83	-0.69	-0.38	-0.11	0.53	1.02	1.18	1.12	1.12	1.26	0.32	2.05	-1.10
Max	2.61	3.06	3.07	2.54	2.24	2.25	1.88	0.48	-0.17	-0.28	-0.21	0.12	0.48	0.07	-0.42	0.08	0.43	0.40	2.00	2.40	2.49	2.25	2.61	2.48	0.71	3.07	-0.42
Min	-0.05	0.05	-0.05	-0.06	-0.10	-0.13	-0.29	-0.47	-0.69	-1.02	-1.37	-1.42	-1.34	-1.32	-1.16	-1.19	-0.83	-0.53	-0.33	-0.14	-0.12	-0.15	-0.11	-0.10	-0.19	0.93	-1.42

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
September 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.40	0.26	0.11	0.17	0.26	0.20	0.17	-0.20	-0.51	-0.76	-0.56	-0.57	-0.99	-1.16	-0.10	0.28	0.26	0.00	0.25	0.39	0.16	0.16	0.52	0.84	-0.02	0.84	-1.16
2	1.01	0.89	0.90	0.46	0.59	0.75	0.47	-0.19	-0.23	-0.51	-0.81	-1.01	-1.07	-1.06	-0.99	-0.82	-0.54	0.34	0.82	1.30	1.37	1.75	1.92	1.40	0.28	1.92	-1.07
3	1.35	0.84	1.19	1.65	1.58	1.18	0.70	-0.01	-0.43	-0.77	-1.07	-1.22	-1.20	-1.12	-1.14	-0.94	-0.65	-0.11	1.37	1.70	0.73	0.51	0.57	0.78	0.23	1.70	-1.22
4	0.68	1.00	0.89	0.85	1.02	1.12	0.84	-0.23	-0.56	-0.79	-1.05	-1.17	-1.23	-1.31	-1.12	-0.68	-0.54	-0.29	1.00	1.47	0.72	1.10	1.01	1.51	0.18	1.51	-1.31
5	2.22	1.44	1.37	1.77	1.60	1.64	1.41	-0.23	-0.43	-0.82	-1.07	-1.28	-1.30	-1.22	-1.16	-0.96	-0.64	-0.03	1.31	1.98	1.00	0.94	1.45	1.39	0.43	2.22	-1.30
6	1.59	0.72	1.22	1.16	0.74	0.83	0.72	-0.24	-0.47	-0.63	-0.93	-0.67	-0.91	-0.62	-1.02	-0.84	-0.56	-0.46	-0.20	-0.05	-0.07	0.42	0.88	1.47	0.09	1.59	-1.02
7	1.78	0.85	0.65	1.14	1.54	1.08	1.22	0.04	-0.22	-0.45	-0.92	-1.11	-1.08	-1.02	-0.88	-0.66	-0.72	-0.27	1.23	0.84	0.98	0.85	2.37	1.55	0.37	2.37	-1.11
8	1.84	2.02	1.74	2.00	2.48	2.05	1.83	-0.26	-0.32	-0.47	-0.70	-1.01	-0.82	-0.98	-0.90	-0.64	-0.55	0.08	1.14	0.90	1.31	1.48	1.64	2.08	0.66	2.48	-1.01
9	1.81	1.48	2.21	1.92	2.23	1.98	1.62	0.15	-0.25	-0.62	-0.98	-1.22	-1.03	-1.16	-0.56	0.13	-0.31	-0.04	1.45	1.54	1.92	2.06	1.70	1.00	0.71	2.23	-1.22
10	1.41	1.41	1.13	1.15	1.47	1.39	1.15	-0.10	-0.32	-0.62	-0.86	-1.01	-1.02	-1.02	-0.83	-0.52	-0.20	0.27	0.55	0.56	0.98	1.16	1.22	1.30	0.36	1.47	-1.02
11	2.74	2.09	1.45	1.20	1.56	1.55	0.98	0.00	-0.49	-0.82	-1.11	-1.32	-1.29	-1.19	-1.12	-0.91	-0.62	-0.15	0.92	2.45	0.97	1.04	0.57	0.87	0.39	2.74	-1.32
12	0.68	0.87	0.57	0.70	1.77	1.48	1.09	-0.02	-0.52	-0.85	-0.97	-0.89	-0.94	-0.91	-1.02	-0.93	-0.67	-0.22	1.04	1.22	1.01	1.96	1.45	1.32	0.30	1.96	-1.02
13	1.49	1.24	1.43	1.48	0.79	1.99	1.11	-0.02	-0.45	-0.64	-0.78	-0.92	-0.83	-0.75	-0.89	-0.80	-0.53	-0.10	0.94	0.33	1.35	2.07	1.55	1.55	0.44	2.07	-0.92
14	2.60	2.91	2.53	2.61	3.03	1.85	1.80	0.42	-0.30	-0.36	-0.66	-0.88	-1.03	-1.04	-0.57	-0.30	-0.19	0.26	1.80	0.98	0.74	0.76	1.34	1.91	0.84	3.03	-1.04
15	1.70	1.36	1.42	1.99	1.86	2.09	1.80	0.21	-0.16	-0.44	-0.56	-0.77	-0.85	-0.83	-0.77	-0.68	-0.10	0.53	1.24	0.87	0.93	0.52	1.08	0.91	0.56	2.09	-0.85
16	1.03	1.54	1.57	1.23	1.54	1.23	1.55	0.19	-0.21	-0.67	-0.71	-1.13	-1.24	-1.21	-0.85	-0.84	-0.57	-0.16	0.88	1.55	1.48	0.86	1.57	1.25	0.41	1.57	-1.24
17	0.72	1.29	1.44	1.11	1.64	1.22	1.40	0.06	-0.39	-0.51	-0.98	-1.13	-1.18	-1.17	-1.07	-0.86	-0.58	0.01	1.21	0.88	1.01	1.34	0.96	1.17	0.32	1.64	-1.18
18	1.54	1.17	1.33	1.63	1.66	1.67	1.57	-0.02	-0.38	-0.64	-0.90	-1.08	-1.18	-1.15	-1.03	-0.74	-0.36	0.18	0.94	2.07	2.52	0.96	1.48	1.95	0.55	2.52	-1.18
19	1.89	2.74	1.98	1.63	1.12	2.43	1.48	0.18	-0.40	-0.48	-0.77	-1.08	-1.02	-0.99	-0.95	-0.87	-0.35	0.31	1.41	1.76	1.05	0.98	0.99	1.00	0.58	2.74	-1.08
20	1.61	2.32	1.24	2.04	1.48	1.50	1.76	0.02	-0.31	-0.35	-0.84	-0.99	-1.14	-1.11	-0.89	-0.57	-0.23	0.54	1.78	1.53	1.59	1.51	1.55	2.07	0.67	2.32	-1.14
21	1.28	1.34	1.73	1.50	1.96	1.65	1.95	-0.07	-0.23	-0.44	-0.80	-1.07	-1.20	-1.12	-0.96	-0.76	-0.54	0.07	1.25	0.82	1.50	1.65	2.09	2.45	0.59	2.45	-1.20
22	2.29	2.23	1.98	1.54	1.50	2.19	1.83	0.13	-0.35	-0.81	-1.09	-1.25	-1.25	-1.03	-1.00	-0.76	-0.23	0.23	0.45	1.04	1.56	1.53	1.98	3.39	0.67	3.39	-1.25
23	1.22	0.79	1.62	2.11	1.64	1.79	1.44	1.05	-0.19	-0.38	-0.68	-1.03	-1.22	-1.25	-1.15	-0.77	-0.20	0.31	1.44	1.87	2.77	1.24	1.45	1.34	0.63	2.77	-1.25
24	0.95	1.22	1.23	1.58	1.30	1.79	1.63	0.94	-0.37	-0.34	-0.38	-0.65	-0.81	-0.70	-0.67	-0.60	-0.28	0.51	1.82	1.20	1.35	1.93	1.39	1.20	0.63	1.93	-0.81
25	1.14	1.99	1.36	2.21	1.33	2.53	1.97	1.07	-0.34	-0.39	-0.56	-0.86	-0.67	-0.61	-0.65	-0.26	0.00	0.30	0.81	1.10	1.46	1.86	1.52	1.87	0.76	2.53	-0.86
26	1.85	1.42	2.15	1.40	1.51	1.30	1.01	0.00	-0.51	-0.70	-0.72	-0.89	-0.86	-0.90	-0.89	-0.81	-0.43	0.15	0.48	0.90	0.90	1.09	0.97	1.10	0.40	2.15	-0.90
27	1.11	1.57	1.28	1.17	1.34	1.69	1.09	0.67	-0.27	-0.48	-0.54	-0.86	-0.95	-0.90	-0.78	-0.57	-0.46	0.13	0.62	0.96	1.66	1.79	1.92	1.81	0.54	1.92	-0.95
28	1.59	1.43	1.28	1.23	1.28	1.48	1.68	0.77	-0.41	-0.42	-0.64	-0.90	-0.98	-0.94	-0.90	-0.74	-0.08	0.68	0.83	0.79	1.17	1.85	1.85	1.64	0.56	1.85	-0.98
29	1.46	1.67	1.41	1.21	1.55	0.94	0.74	0.15	-0.23	-0.28	-0.87	-0.85	-0.86	-0.59	-0.72	-0.66	-0.23	0.76	1.58	0.52	1.06	1.61	1.50	1.81	0.53	1.81	-0.87
30	1.83	2.08	1.39	1.83	1.29	1.14	1.02	0.36	-0.37	-0.60	-0.99	-1.10	-1.10	-1.11	-0.68	-0.64	-0.27	0.68	1.07	0.89	0.98	1.42	1.36	1.72	0.51	2.08	-1.11
Avg	1.49	1.47	1.39	1.46	1.49	1.52	1.30	0.16	-0.35	-0.57	-0.82	-1.00	-1.04	-1.01	-0.88	-0.66	-0.38	0.15	1.05	1.15	1.21	1.28	1.40	1.52	0.47	2.13	-1.09
Max	2.74	2.91	2.53	2.61	3.03	2.53	1.97	1.07	-0.16	-0.28	-0.38	-0.57	-0.67	-0.59	-0.10	0.28	0.26	0.76	1.82	2.45	2.77	2.07	2.37	3.39	0.84	3.39	-0.81
Min	0.40	0.26	0.11	0.17	0.26	0.20	0.17	-0.26	-0.56	-0.85	-1.11	-1.32	-1.30	-1.31	-1.16	-0.96	-0.72	-0.46	-0.20	-0.05	-0.07	0.16	0.52	0.78	-0.02	0.84	-1.32

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m^2)
July 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.0	0.0	0.0	0.0	4.5	80.8	245.8	416.9	574.4	618.8	801.0	925.0	961.0	816.0	656.7	584.9	368.3	50.9	1.5	1.1	0.7	0.0	0.0	0.0	296.2	961.0	0.0
2	0.0	0.0	0.0	0.0	3.4	97.6	249.5	432.5	602.8	752.0	862.0	932.0	966.0	811.0	821.0	749.6	590.4	418.7	241.6	86.3	2.1	0.0	0.0	0.0	359.1	966.0	0.0
3	0.0	0.0	0.0	0.0	7.0	61.9	250.8	426.1	595.6	747.7	741.5	917.0	792.6	855.0	819.0	623.2	526.9	408.7	209.6	104.4	10.7	0.0	0.0	0.0	337.4	917.0	0.0
4	0.0	0.0	0.0	0.0	3.8	99.6	266.8	445.6	616.6	769.1	882.0	957.0	987.0	951.0	873.0	752.4	595.9	425.9	251.7	89.8	3.9	0.0	0.0	0.0	373.8	987.0	0.0
5	0.0	0.0	0.0	0.0	5.9	75.3	118.6	292.8	273.5	171.0	158.6	238.5	268.4	282.1	394.5	309.5	246.8	247.2	155.8	48.4	3.8	0.0	0.0	0.0	137.1	394.5	0.0
6	0.0	0.0	0.0	0.0	3.8	72.5	219.8	405.2	603.4	601.1	291.0	880.0	821.0	925.0	849.0	517.1	156.4	343.7	206.8	78.4	3.6	0.0	0.0	0.0	290.7	925.0	0.0
7	0.0	0.0	0.0	0.0	8.1	50.8	69.0	41.9	64.1	102.0	103.3	400.7	775.1	937.0	858.0	741.6	461.7	114.8	72.3	13.7	0.7	0.0	0.0	0.0	200.6	937.0	0.0
8	0.0	0.0	0.0	0.0	3.5	80.1	234.7	407.3	577.7	728.7	838.0	917.0	955.0	919.0	872.0	584.2	244.4	70.6	236.9	77.3	3.4	0.0	0.0	0.0	322.9	955.0	0.0
9	0.0	0.0	0.0	0.0	3.4	81.5	241.4	416.1	588.6	744.6	875.0	973.0	727.6	896.0	920.0	642.5	614.9	419.1	135.9	46.4	2.7	0.0	0.0	0.0	347.0	973.0	0.0
10	0.0	0.0	0.0	0.0	2.7	27.1	222.6	361.9	492.9	680.0	358.1	405.6	699.9	839.0	779.3	686.9	491.7	163.9	38.4	21.1	3.9	0.0	0.0	0.0	261.5	839.0	0.0
11	0.0	0.0	0.0	0.0	3.7	71.3	184.3	365.7	559.2	643.6	818.0	914.0	978.0	969.0	710.4	370.8	230.7	90.6	76.1	40.7	1.5	0.0	0.0	0.0	292.8	978.0	0.0
12	0.0	0.0	0.0	0.0	2.7	71.5	226.9	401.8	575.5	726.8	837.0	790.4	956.0	927.0	849.0	677.4	573.2	408.2	220.5	62.6	2.5	0.0	0.0	0.0	346.2	956.0	0.0
13	0.0	0.0	0.0	0.0	1.0	30.8	99.4	252.1	505.1	683.4	565.2	338.4	290.0	413.8	477.9	363.7	290.2	176.9	39.1	9.2	0.0	0.0	0.0	0.0	189.0	683.4	0.0
14	0.0	0.0	0.0	0.0	0.6	12.3	40.2	54.7	114.9	441.8	722.2	401.7	255.8	308.1	298.5	567.1	570.5	339.7	85.3	21.9	0.1	0.0	0.0	0.0	176.5	722.2	0.0
15	0.0	0.0	0.0	0.0	1.3	30.7	61.7	98.5	131.5	552.1	808.0	748.1	737.3	834.0	573.8	268.2	245.4	284.3	223.4	72.3	2.6	0.0	0.0	0.0	236.4	834.0	0.0
16	0.0	0.0	0.0	0.0	2.1	76.9	214.0	380.1	544.0	675.2	762.8	855.0	874.0	795.9	518.9	86.9	12.5	24.5	68.5	40.2	1.6	0.0	0.0	0.0	247.2	874.0	0.0
17	0.0	0.0	0.0	0.0	2.9	77.6	250.8	410.3	586.6	587.8	562.9	746.3	751.8	820.0	463.8	738.4	564.3	398.7	136.7	87.3	2.1	0.0	0.0	0.0	299.5	820.0	0.0
18	0.0	0.0	0.0	0.0	1.7	64.5	220.6	419.0	569.1	722.1	834.0	894.0	950.0	912.0	852.0	755.1	424.5	387.3	173.2	38.0	1.2	0.0	0.0	0.0	342.4	950.0	0.0
19	0.0	0.0	0.0	0.0	1.8	53.6	219.8	396.4	489.3	675.9	855.0	911.0	947.0	556.8	537.8	361.2	213.0	219.3	179.5	54.4	1.0	0.0	0.0	0.0	278.0	947.0	0.0
20	0.0	0.0	0.0	0.0	0.0	14.4	38.8	40.3	57.4	142.6	380.3	820.0	922.0	889.0	825.0	730.8	183.0	103.8	171.9	59.9	0.8	0.0	0.0	0.0	224.2	922.0	0.0
21	0.0	0.0	0.0	0.0	0.9	65.0	219.4	386.8	559.6	711.3	826.0	908.0	952.0	904.0	838.0	719.5	563.3	393.1	216.5	59.8	1.4	0.0	0.0	0.0	346.9	952.0	0.0
22	0.0	0.0	0.0	0.0	1.3	54.0	212.1	388.8	563.2	718.9	830.0	906.0	933.0	609.8	851.0	305.5	279.1	88.4	14.9	24.2	0.9	0.0	0.0	0.0	282.5	933.0	0.0
23	0.0	0.0	0.0	0.0	1.0	64.9	186.0	306.8	527.2	601.7	778.5	904.0	871.0	712.1	324.6	220.5	148.0	102.6	152.2	45.7	0.8	0.0	0.0	0.0	247.8	904.0	0.0
24	0.0	0.0	0.0	0.0	0.2	27.7	142.9	378.2	562.5	737.2	849.0	924.0	955.0	925.0	848.0	726.4	571.8	399.8	220.5	57.3	1.0	0.0	0.0	0.0	346.9	955.0	0.0
25	0.0	0.0	0.0	0.0	1.0	56.5	211.6	387.9	560.6	716.0	829.0	907.0	941.0	929.0	845.0	693.4	558.7	385.9	209.9	53.5	0.8	0.0	0.0	0.0	345.3	941.0	0.0
26	0.0	0.0	0.0	0.0	0.7	54.1	198.9	372.4	543.4	697.1	812.0	887.0	906.0	898.0	232.2	19.9	421.6	376.2	192.4	47.6	0.4	0.0	0.0	0.0	277.5	906.0	0.0
27	0.0	0.0	0.0	0.0	1.6	32.9	48.6	36.0	267.5	485.2	92.6	828.0	833.0	883.0	804.0	558.5	449.6	124.8	13.5	0.2	0.0	0.0	0.0	0.0	227.5	883.0	0.0
28	0.0	0.0	0.0	0.0	0.2	51.0	197.9	369.8	543.5	704.8	812.0	894.0	918.0	890.0	737.7	342.0	42.7	273.4	33.9	2.3	0.0	0.0	0.0	0.0	283.9	918.0	0.0
29	0.0	0.0	0.0	0.0	0.3	42.4	190.8	364.7	473.2	689.8	808.0	886.0	915.0	892.0	829.0	625.1	458.8	424.6	98.6	24.1	0.4	0.0	0.0	0.0	321.8	915.0	0.0
30	0.0	0.0	0.0	0.0	0.2	38.7	183.2	360.5	537.5	695.5	809.0	872.0	917.0	896.0	687.1	525.6	351.9	334.8	62.0	7.1	0.0	0.0	0.0	0.0	303.3	917.0	0.0
31	0.0	0.0	0.0	0.0	0.0	33.0	174.3	345.7	520.5	683.4	804.0	881.0	910.0	887.0	790.2	684.0	483.0	325.0	138.4	38.3	0.2	0.0	0.0	0.0	320.7	910.0	0.0
Avg	0.0	0.0	0.0	0.0	2.3	56.5	182.0	327.8	476.8	619.6	687.3	798.8	828.0	809.1	701.2	533.3	384.9	268.6	138.0	45.6	1.8	0.0	0.0	0.0	285.9	892.7	0.0
Max	0.0	0.0	0.0	0.0	8.1	99.6	266.8	445.6	616.6	769.1	882.0	973.0	987.0	969.0	920.0	755.1	614.9	425.9	251.7	104.4	10.7	0.0	0.0	0.0	373.8	987.0	0.0
Min	0.0	0.0	0.0	0.0	0.0	12.3	38.8	36.0	57.4	102.0	92.6	238.5	255.8	282.1	232.2	19.9	12.5	24.5	1.5	0.2	0.0	0.0	0.0	0.0	137.1	394.5	0.0

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m^2)
August 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.0	0.0	0.0	0.0	0.0	28.4	174.5	351.1	531.5	689.5	816.0	895.0	902.0	891.0	764.6	654.5	537.6	361.9	183.9	36.6	0.1	0.0	0.0	0.0	325.8	902.0	0.0
2	0.0	0.0	0.0	0.0	0.0	32.0	185.6	365.4	543.6	699.7	822.0	902.0	774.1	898.0	542.9	335.0	177.9	80.2	29.3	4.5	0.0	0.0	0.0	0.0	266.3	902.0	0.0
3	0.0	0.0	0.0	0.0	0.0	19.4	193.2	303.7	475.8	394.5	691.4	870.0	949.0	763.7	819.0	812.0	538.6	392.2	205.9	33.7	0.0	0.0	0.0	0.0	310.9	949.0	0.0
4	0.0	0.0	0.0	0.0	0.1	23.7	175.1	364.3	526.6	692.0	813.0	888.0	909.0	882.0	807.0	688.6	537.2	363.5	184.9	32.3	0.0	0.0	0.0	0.0	328.6	909.0	0.0
5	0.0	0.0	0.0	0.0	0.0	31.2	180.2	355.0	530.1	683.3	799.0	877.0	904.0	875.0	795.8	672.2	521.3	345.5	167.8	16.6	0.1	0.0	0.0	0.0	323.1	904.0	0.0
6	0.0	0.0	0.0	0.0	0.0	23.8	128.7	276.4	326.1	561.4	765.6	867.0	936.0	603.5	409.0	596.1	236.0	89.3	48.1	10.1	0.0	0.0	0.0	0.0	244.9	936.0	0.0
7	0.0	0.0	0.0	0.0	0.0	27.7	175.1	345.3	521.1	674.6	796.1	873.0	929.0	834.0	684.5	675.8	506.1	336.7	163.4	21.6	0.0	0.0	0.0	0.0	315.2	929.0	0.0
8	0.0	0.0	0.0	0.0	0.0	25.4	146.7	304.4	478.6	609.0	685.5	801.0	846.0	712.0	705.4	453.6	101.2	96.9	22.7	2.7	0.0	0.0	0.0	0.0	249.6	846.0	0.0
9	0.0	0.0	0.0	0.0	0.0	13.3	85.7	229.9	421.3	558.3	699.3	795.8	825.0	768.4	398.3	422.8	430.4	280.9	123.9	16.3	0.0	0.0	0.0	0.0	252.9	825.0	0.0
10	0.0	0.0	0.0	0.0	0.0	19.5	42.5	100.0	280.7	395.9	309.9	192.0	65.8	101.5	343.1	287.2	121.3	76.8	25.1	3.7	0.0	0.0	0.0	0.0	98.5	395.9	0.0
11	0.0	0.0	0.0	0.0	0.0	10.6	86.9	190.6	418.6	508.2	741.7	799.7	796.7	867.0	785.0	530.1	244.1	189.1	137.0	18.9	0.0	0.0	0.0	0.0	263.5	867.0	0.0
12	0.0	0.0	0.0	0.0	0.0	17.5	142.8	314.1	485.4	640.4	763.7	842.0	824.0	441.9	372.8	302.1	181.0	322.5	140.6	14.7	0.0	0.0	0.0	0.0	241.9	842.0	0.0
13	0.0	0.0	0.0	0.0	0.0	13.8	130.0	306.9	488.5	640.6	766.2	842.0	868.0	788.2	760.1	623.7	455.0	266.4	93.7	8.9	0.0	0.0	0.0	0.0	293.8	868.0	0.0
14	0.0	0.0	0.0	0.0	0.0	16.0	119.8	302.3	483.9	640.1	751.9	836.0	865.0	848.0	769.0	620.6	451.2	287.1	88.5	8.9	0.0	0.0	0.0	0.0	295.3	865.0	0.0
15	0.0	0.0	0.0	0.0	0.0	3.7	39.2	26.8	141.9	183.7	259.8	228.5	291.8	210.7	290.9	268.6	188.0	199.0	55.4	4.9	0.0	0.0	0.0	0.0	99.7	291.8	0.0
16	0.0	0.0	0.0	0.0	0.0	9.5	92.9	238.5	497.2	654.4	775.1	852.0	873.0	842.0	760.0	631.9	474.8	302.9	126.3	10.6	0.0	0.0	0.0	0.0	297.5	873.0	0.0
17	0.0	0.0	0.0	0.0	0.0	13.8	149.3	321.9	501.7	658.6	782.6	856.0	878.0	843.0	764.3	640.9	487.3	311.6	128.6	8.9	0.0	0.0	0.0	0.0	306.1	878.0	0.0
18	0.0	0.0	0.0	0.0	0.0	10.6	140.4	312.8	490.5	644.8	764.8	842.0	871.0	838.0	756.8	629.6	470.2	294.3	120.6	8.0	0.0	0.0	0.0	0.0	299.8	871.0	0.0
19	0.0	0.0	0.0	0.0	0.0	13.3	111.6	300.3	460.9	614.6	703.8	780.7	817.0	665.7	330.6	236.1	230.2	227.3	54.7	8.3	0.0	0.0	0.0	0.0	231.5	817.0	0.0
20	0.0	0.0	0.0	0.0	0.0	9.7	112.3	281.9	459.1	619.6	744.4	834.0	853.0	842.0	355.7	557.5	376.5	120.5	45.6	3.9	0.0	0.0	0.0	0.0	259.0	853.0	0.0
21	0.0	0.0	0.0	0.0	0.0	6.2	90.4	251.0	416.2	Au	Au	Au	Au	687.0	516.0	154.6	83.8	101.3	38.0	0.2	0.0	0.0	0.0	0.0	117.2	687.0	0.0
22	0.0	0.0	0.0	0.0	0.0	4.3	102.0	267.2	449.4	607.7	695.5	525.3	786.8	826.0	721.1	604.8	437.0	247.6	88.6	4.4	0.0	0.0	0.0	0.0	265.3	826.0	0.0
23	0.0	0.0	0.0	0.0	0.0	7.1	86.8	243.2	416.9	576.4	710.5	822.0	849.0	810.0	719.1	588.6	425.3	245.4	69.3	2.8	0.0	0.0	0.0	0.0	273.9	849.0	0.0
24	0.0	0.0	0.0	0.0	0.0	3.9	83.4	238.0	390.2	608.4	748.3	826.0	857.0	827.0	740.7	613.8	435.5	278.0	99.6	2.9	0.0	0.0	0.0	0.0	281.4	857.0	0.0
25	0.0	0.0	0.0	0.0	0.0	4.9	118.8	295.3	475.7	630.8	753.5	828.0	848.0	814.0	732.8	606.8	441.6	262.7	91.0	2.6	0.0	0.0	0.0	0.0	287.8	848.0	0.0
26	0.0	0.0	0.0	0.0	0.0	4.3	88.6	255.4	429.0	576.3	665.4	754.4	766.1	764.1	710.1	582.0	302.0	159.8	65.9	1.7	0.0	0.0	0.0	0.0	255.2	766.1	0.0
27	0.0	0.0	0.0	0.0	0.0	3.0	86.4	258.4	435.0	593.9	706.8	774.9	818.0	693.6	487.5	297.6	45.7	43.3	32.6	0.3	0.0	0.0	0.0	0.0	219.9	818.0	0.0
28	0.0	0.0	0.0	0.0	0.0	4.2	95.0	258.3	425.8	583.4	712.4	800.0	824.0	791.3	706.0	579.2	416.4	234.8	50.9	0.6	0.0	0.0	0.0	0.0	270.1	824.0	0.0
29	0.0	0.0	0.0	0.0	0.0	4.4	81.8	234.8	421.3	561.6	651.9	714.7	779.5	741.5	656.3	523.2	341.4	160.5	46.3	0.6	0.0	0.0	0.0	0.0	246.7	779.5	0.0
30	0.0	0.0	0.0	0.0	0.0	3.0	80.0	241.3	422.9	579.9	698.1	768.0	794.3	760.6	676.0	549.8	392.7	198.7	58.8	0.5	0.0	0.0	0.0	0.0	259.4	794.3	0.0
31	0.0	0.0	0.0	0.0	0.0	2.5	48.6	105.8	258.3	464.6	613.9	596.9	628.5	523.9	427.4	478.4	312.0	169.9	27.8	0.2	0.0	0.0	0.0	0.0	194.1	628.5	0.0
Avg	0.0	0.0	0.0	0.0	0.0	13.2	115.3	265.8	438.8	584.9	706.9	769.5	797.6	734.0	622.8	523.2	351.6	227.3	90.8	9.4	0.0	0.0	0.0	0.0	258.0	812.9	0.0
Max	0.0	0.0	0.0	0.0	0.1	32.0	193.2	365.4	543.6	699.7	822.0	902.0	949.0	898.0	819.0	812.0	538.6	392.2	205.9	36.6	0.1	0.0	0.0	0.0	328.6	949.0	0.0
Min	0.0	0.0	0.0	0.0	0.0	2.5	39.2	26.8	141.9	183.7	259.8	192.0	65.8	101.5	290.9	154.6	45.7	43.3	22.7	0.2	0.0	0.0	0.0	0.0	98.5	291.8	0.0

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m^2)
September 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.0	0.0	0.0	0.0	0.0	0.5	35.9	208.9	386.6	512.4	408.1	386.6	765.9	705.6	195.2	24.0	43.0	51.3	46.1	2.6	0.0	0.0	0.0	0.0	157.2	765.9	0.0
2	0.0	0.0	0.0	0.0	0.0	2.3	88.3	255.3	429.7	587.5	714.3	801.0	814.0	772.7	681.1	570.2	372.2	113.0	54.8	0.9	0.0	0.0	0.0	0.0	260.7	814.0	0.0
3	0.0	0.0	0.0	0.0	0.0	1.8	91.5	266.3	441.1	601.1	724.0	795.7	817.0	705.8	686.9	555.1	390.1	195.9	40.7	0.1	0.0	0.0	0.0	0.0	263.0	817.0	0.0
4	0.0	0.0	0.0	0.0	0.0	1.6	78.0	249.4	425.1	571.8	714.2	784.4	814.0	831.0	613.0	350.7	311.6	201.8	44.0	0.2	0.0	0.0	0.0	0.0	249.6	831.0	0.0
5	0.0	0.0	0.0	0.0	0.0	1.7	81.7	247.1	418.9	569.1	692.0	771.2	785.9	747.2	662.2	536.9	375.8	173.8	25.6	0.0	0.0	0.0	0.0	0.0	253.7	785.9	0.0
6	0.0	0.0	0.0	0.0	0.0	0.9	38.9	115.5	281.3	496.9	627.4	392.3	562.7	370.5	521.4	427.4	191.5	97.4	15.8	0.0	0.0	0.0	0.0	0.0	172.5	627.4	0.0
7	0.0	0.0	0.0	0.0	0.0	1.4	81.9	255.8	421.2	575.6	702.2	775.9	795.2	752.7	664.5	536.6	377.4	200.9	35.8	0.0	0.0	0.0	0.0	0.0	257.4	795.2	0.0
8	0.0	0.0	0.0	0.0	0.0	1.2	75.6	251.3	419.8	570.6	695.4	776.5	762.9	729.7	644.6	515.8	347.7	173.8	26.8	0.0	0.0	0.0	0.0	0.0	249.7	776.5	0.0
9	0.0	0.0	0.0	0.0	0.0	1.2	65.5	209.1	347.6	527.6	682.4	752.1	636.9	605.6	344.2	129.7	302.2	185.9	8.7	0.0	0.0	0.0	0.0	0.0	199.9	752.1	0.0
10	0.0	0.0	0.0	0.0	0.0	0.2	44.6	185.7	313.8	471.4	617.5	673.6	683.0	673.8	560.8	387.5	254.3	96.5	15.1	0.0	0.0	0.0	0.0	0.0	207.4	683.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.6	55.8	183.3	385.0	573.9	706.1	768.7	774.5	730.1	643.1	513.7	355.1	177.9	23.0	0.0	0.0	0.0	0.0	0.0	245.5	774.5	0.0
12	0.0	0.0	0.0	0.0	0.0	0.4	61.1	233.7	407.4	561.4	688.2	759.9	772.6	728.5	622.8	511.1	344.3	164.6	22.5	0.0	0.0	0.0	0.0	0.0	244.9	772.6	0.0
13	0.0	0.0	0.0	0.0	0.0	0.3	51.4	228.7	399.7	551.4	676.6	743.4	761.2	717.3	628.3	500.0	337.4	158.8	12.7	0.0	0.0	0.0	0.0	0.0	240.3	761.2	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	29.5	129.4	330.4	515.3	616.4	688.2	698.1	682.8	425.1	304.6	258.4	123.0	5.2	0.0	0.0	0.0	0.0	0.0	200.3	698.1	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	28.7	143.0	200.8	412.5	553.9	628.4	527.7	538.4	478.0	404.5	130.7	47.8	6.7	0.0	0.0	0.0	0.0	0.0	170.9	628.4	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	42.3	108.3	196.9	325.8	413.7	646.5	718.7	650.4	392.7	372.6	264.1	124.5	11.5	0.0	0.0	0.0	0.0	0.0	177.8	718.7	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	45.4	192.5	354.5	522.8	645.4	714.2	736.2	700.9	590.0	463.2	299.1	127.1	9.0	0.0	0.0	0.0	0.0	0.0	225.0	736.2	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	42.1	205.0	373.7	518.0	634.0	700.4	724.4	684.8	589.8	454.8	284.2	122.3	8.6	0.0	0.0	0.0	0.0	0.0	222.6	724.4	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	33.0	178.9	361.5	523.4	630.6	713.6	602.0	626.8	561.1	468.1	258.9	111.1	6.3	0.0	0.0	0.0	0.0	0.0	211.5	713.6	0.0
20	0.0	0.0	0.0	0.0	0.0	0.1	37.5	185.5	347.3	504.9	633.0	697.4	696.5	670.2	504.9	344.1	205.9	78.1	7.5	0.0	0.0	0.0	0.0	0.0	204.7	697.4	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	36.0	190.6	355.1	508.1	627.9	694.7	706.6	657.3	567.0	432.0	267.1	107.0	5.0	0.0	0.0	0.0	0.0	0.0	214.8	706.6	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	33.5	183.6	336.7	487.9	594.5	653.4	683.0	642.0	537.0	382.4	195.3	65.3	4.4	0.0	0.0	0.0	0.0	0.0	200.0	683.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	23.3	88.0	216.9	453.3	518.9	544.5	609.5	634.8	545.3	373.8	182.7	58.0	2.8	0.0	0.0	0.0	0.0	0.0	177.2	634.8	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	19.0	125.2	272.9	416.7	531.2	611.4	608.0	569.4	493.2	365.6	217.2	58.8	1.3	0.0	0.0	0.0	0.0	0.0	178.7	611.4	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	16.7	124.9	243.3	408.5	521.5	603.3	387.0	335.0	355.8	212.2	127.3	70.3	4.9	0.0	0.0	0.0	0.0	0.0	142.1	603.3	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	9.7	94.5	299.3	358.3	527.7	539.6	699.9	605.7	515.3	391.9	226.2	46.8	1.2	0.0	0.0	0.0	0.0	0.0	179.8	699.9	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	18.2	140.2	303.1	459.0	571.6	638.9	651.8	610.6	524.5	348.1	236.5	69.0	1.7	0.0	0.0	0.0	0.0	0.0	190.5	651.8	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	18.9	152.8	304.4	452.0	580.1	652.8	660.9	617.0	521.7	402.4	155.3	37.1	0.8	0.0	0.0	0.0	0.0	0.0	189.8	660.9	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	8.7	133.8	171.8	228.9	506.9	492.1	484.9	301.2	381.4	327.5	166.3	53.2	0.4	0.0	0.0	0.0	0.0	0.0	135.7	506.9	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	11.7	126.6	317.7	467.9	605.4	657.2	628.0	649.8	363.7	362.1	181.2	57.2	1.3	0.0	0.0	0.0	0.0	0.0	184.6	657.2	0.0
Avg	0.0	0.0	0.0	0.0	0.0	0.5	43.5	179.8	335.4	491.1	612.0	668.6	685.6	641.6	527.2	399.0	255.3	111.6	15.0	0.1	0.0	0.0	0.0	0.0	206.9	709.6	0.0
Max	0.0	0.0	0.0	0.0	0.0	2.3	91.5	266.3	441.1	601.1	724.0	801.0	817.0	831.0	686.9	570.2	390.1	201.8	54.8	2.6	0.0	0.0	0.0	0.0	263.0	831.0	0.0
Min	0.0	0.0	0.0	0.0	0.0	0.0	8.7	88.0	171.8	228.9	408.1	386.6	387.0	301.2	195.2	24.0	43.0	37.1	0.4	0.0	0.0	0.0	0.0	0.0	135.7	506.9	0.0

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
July 2012

Day	<< Hour >>																								Avg	Max	Min
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	24.28	24.27	24.26	24.26	24.27	24.28	24.30	24.31	24.30	24.30	24.30	24.29	24.29	24.29	24.29	24.29	24.28	24.27	24.34	24.40	24.40	24.39	24.38	24.38	24.31	24.40	24.26
2	24.38	24.39	24.39	24.39	24.40	24.42	24.43	24.43	24.42	24.41	24.40	24.39	24.37	24.36	24.34	24.33	24.32	24.30	24.30	24.29	24.29	24.29	24.28	24.26	24.36	24.43	24.26
3	24.25	24.24	24.24	24.22	24.21	24.20	24.17	24.16	24.15	24.15	24.18	24.19	24.20	24.19	24.17	24.17	24.17	24.18	24.21	24.25	24.28	24.31	24.33	24.34	24.22	24.34	24.15
4	24.35	24.36	24.37	24.37	24.37	24.38	24.39	24.39	24.38	24.38	24.37	24.36	24.36	24.35	24.34	24.34	24.34	24.34	24.33	24.34	24.36	24.37	24.37	24.38	24.36	24.39	24.33
5	24.38	24.38	24.38	24.38	24.38	24.39	24.39	24.38	24.38	24.41	24.42	24.41	24.42	24.42	24.40	24.40	24.41	24.41	24.41	24.42	24.43	24.45	24.45	24.46	24.41	24.46	24.38
6	24.47	24.48	24.48	24.48	24.49	24.51	24.53	24.54	24.54	24.54	24.56	24.56	24.55	24.54	24.53	24.53	24.53	24.54	24.55	24.56	24.58	24.59	24.60	24.59	24.54	24.60	24.47
7	24.59	24.59	24.59	24.59	24.60	24.62	24.63	24.63	24.64	24.65	24.65	24.64	24.63	24.61	24.59	24.58	24.58	24.59	24.60	24.62	24.64	24.64	24.62	24.62	24.61	24.65	24.58
8	24.62	24.61	24.61	24.61	24.61	24.62	24.63	24.62	24.62	24.61	24.60	24.60	24.59	24.59	24.58	24.57	24.57	24.58	24.59	24.60	24.60	24.61	24.61	24.61	24.60	24.63	24.57
9	24.61	24.60	24.60	24.60	24.60	24.61	24.62	24.61	24.60	24.60	24.59	24.58	24.58	24.57	24.56	24.54	24.53	24.53	24.52	24.53	24.54	24.56	24.56	24.54	24.57	24.62	24.52
10	24.54	24.54	24.54	24.54	24.55	24.56	24.55	24.55	24.53	24.52	24.54	24.53	24.51	24.50	24.49	24.48	24.46	24.45	24.47	24.48	24.49	24.49	24.49	24.49	24.51	24.56	24.45
11	24.49	24.50	24.49	24.49	24.49	24.49	24.50	24.50	24.50	24.49	24.49	24.48	24.47	24.46	24.45	24.45	24.45	24.46	24.48	24.48	24.49	24.51	24.51	24.50	24.48	24.51	24.45
12	24.50	24.50	24.50	24.49	24.50	24.50	24.51	24.51	24.50	24.50	24.49	24.49	24.48	24.47	24.46	24.45	24.43	24.43	24.42	24.43	24.44	24.45	24.45	24.45	24.47	24.51	24.42
13	24.45	24.45	24.44	24.44	24.45	24.46	24.46	24.46	24.47	24.47	24.47	24.46	24.46	24.46	24.47	24.47	24.45	24.44	24.46	24.48	24.51	24.49	24.48	24.48	24.46	24.51	24.44
14	24.47	24.45	24.45	24.45	24.45	24.44	24.44	24.44	24.44	24.42	24.41	24.40	24.40	24.39	24.39	24.37	24.35	24.34	24.33	24.33	24.34	24.37	24.36	24.34	24.40	24.47	24.33
15	24.34	24.33	24.32	24.31	24.31	24.32	24.33	24.33	24.34	24.33	24.32	24.31	24.29	24.29	24.30	24.32	24.32	24.34	24.33	24.34	24.36	24.38	24.38	24.39	24.33	24.39	24.29
16	24.39	24.38	24.38	24.38	24.38	24.39	24.40	24.40	24.40	24.40	24.39	24.38	24.37	24.36	24.35	24.35	24.39	24.43	24.41	24.39	24.39	24.40	24.39	24.39	24.39	24.43	24.35
17	24.38	24.37	24.37	24.37	24.37	24.37	24.38	24.38	24.38	24.38	24.37	24.36	24.35	24.34	24.34	24.33	24.33	24.32	24.31	24.32	24.34	24.36	24.37	24.37	24.36	24.38	24.31
18	24.38	24.39	24.39	24.40	24.40	24.41	24.42	24.42	24.42	24.42	24.42	24.41	24.40	24.40	24.39	24.38	24.37	24.37	24.37	24.38	24.41	24.43	24.43	24.44	24.40	24.44	24.37
19	24.45	24.45	24.45	24.47	24.48	24.50	24.52	24.52	24.52	24.53	24.53	24.53	24.52	24.52	24.52	24.51	24.51	24.51	24.50	24.51	24.52	24.53	24.53	24.53	24.51	24.53	24.45
20	24.53	24.52	24.51	24.51	24.52	24.55	24.55	24.58	24.59	24.58	24.56	24.54	24.53	24.51	24.49	24.47	24.45	24.51	24.50	24.47	24.48	24.49	24.49	24.51	24.52	24.59	24.45
21	24.51	24.51	24.51	24.51	24.52	24.52	24.53	24.53	24.53	24.52	24.52	24.51	24.50	24.49	24.48	24.47	24.46	24.45	24.45	24.46	24.48	24.50	24.51	24.52	24.50	24.53	24.45
22	24.52	24.52	24.52	24.52	24.52	24.53	24.55	24.54	24.53	24.52	24.52	24.50	24.49	24.47	24.46	24.45	24.44	24.44	24.49	24.47	24.47	24.48	24.47	24.47	24.50	24.55	24.44
23	24.46	24.46	24.44	24.43	24.44	24.45	24.43	24.42	24.41	24.42	24.41	24.39	24.38	24.37	24.36	24.36	24.38	24.39	24.39	24.40	24.41	24.41	24.41	24.41	24.41	24.46	24.36
24	24.44	24.42	24.41	24.40	24.40	24.41	24.42	24.43	24.42	24.41	24.40	24.39	24.38	24.37	24.36	24.35	24.34	24.34	24.34	24.36	24.38	24.39	24.39	24.39	24.39	24.44	24.34
25	24.39	24.40	24.41	24.42	24.42	24.43	24.45	24.45	24.45	24.44	24.44	24.43	24.42	24.42	24.42	24.42	24.41	24.41	24.42	24.43	24.45	24.47	24.47	24.48	24.43	24.48	24.39
26	24.49	24.49	24.49	24.49	24.49	24.50	24.51	24.51	24.51	24.50	24.49	24.48	24.47	24.46	24.45	24.48	24.47	24.45	24.44	24.44	24.45	24.46	24.45	24.45	24.48	24.51	24.44
27	24.44	24.43	24.42	24.41	24.41	24.43	24.45	24.47	24.45	24.45	24.48	24.46	24.44	24.43	24.41	24.41	24.40	24.40	24.44	24.49	24.52	24.48	24.49	24.49	24.45	24.52	24.40
28	24.48	24.48	24.48	24.48	24.48	24.49	24.49	24.50	24.50	24.50	24.49	24.48	24.47	24.46	24.45	24.44	24.46	24.46	24.49	24.52	24.53	24.50	24.51	24.52	24.49	24.53	24.44
29	24.52	24.51	24.50	24.50	24.51	24.52	24.53	24.52	24.51	24.51	24.51	24.50	24.49	24.49	24.47	24.46	24.46	24.45	24.46	24.48	24.49	24.50	24.50	24.50	24.50	24.53	24.45
30	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.49	24.47	24.47	24.46	24.44	24.43	24.41	24.40	24.39	24.38	24.38	24.42	24.43	24.42	24.42	24.42	24.45	24.50	24.38
31	24.43	24.43	24.44	24.45	24.46	24.47	24.48	24.49	24.49	24.48	24.48	24.47	24.46	24.46	24.45	24.44	24.43	24.42	24.41	24.41	24.42	24.43	24.43	24.44	24.45	24.49	24.41
Avg	24.45	24.45	24.45	24.45	24.45	24.46	24.47	24.47	24.46	24.46	24.46	24.45	24.44	24.43	24.42	24.42	24.42	24.42	24.42	24.44	24.45	24.46	24.46	24.46	24.45	24.50	24.40
Max	24.62	24.61	24.61	24.61	24.61	24.62	24.63	24.63	24.64	24.65	24.65	24.64	24.63	24.61	24.59	24.58	24.58	24.59	24.60	24.62	24.64	24.64	24.62	24.62	24.61	24.65	24.58
Min	24.25	24.24	24.24	24.22	24.21	24.20	24.17	24.16	24.15	24.15	24.18	24.19	24.20	24.19	24.17	24.17	24.17	24.18	24.21	24.25	24.28	24.29	24.28	24.26	24.22	24.34	24.15

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
August 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	24.44	24.44	24.45	24.45	24.47	24.48	24.49	24.50	24.49	24.49	24.49	24.49	24.47	24.47	24.45	24.44	24.44	24.43	24.42	24.43	24.44	24.45	24.45	24.44	24.46	24.50	24.42
2	24.44	24.43	24.43	24.42	24.42	24.43	24.43	24.43	24.42	24.41	24.39	24.38	24.37	24.36	24.35	24.34	24.34	24.35	24.35	24.35	24.35	24.37	24.38	24.39	24.39	24.44	24.34
3	24.39	24.39	24.39	24.40	24.41	24.41	24.42	24.43	24.43	24.45	24.45	24.46	24.46	24.47	24.46	24.46	24.46	24.47	24.47	24.48	24.50	24.51	24.52	24.53	24.45	24.53	24.39
4	24.52	24.52	24.52	24.52	24.52	24.53	24.54	24.56	24.56	24.55	24.55	24.54	24.54	24.53	24.52	24.52	24.52	24.51	24.51	24.51	24.52	24.53	24.52	24.52	24.53	24.56	24.51
5	24.51	24.51	24.52	24.51	24.51	24.51	24.52	24.52	24.51	24.52	24.51	24.51	24.51	24.50	24.49	24.48	24.47	24.47	24.46	24.47	24.49	24.51	24.52	24.52	24.50	24.52	24.46
6	24.52	24.51	24.51	24.51	24.51	24.52	24.54	24.54	24.54	24.54	24.54	24.54	24.53	24.53	24.53	24.53	24.54	24.55	24.56	24.56	24.57	24.58	24.58	24.58	24.54	24.58	24.51
7	24.57	24.57	24.57	24.57	24.57	24.57	24.59	24.60	24.59	24.59	24.58	24.57	24.56	24.55	24.54	24.53	24.53	24.53	24.53	24.54	24.56	24.57	24.57	24.58	24.56	24.60	24.53
8	24.58	24.57	24.57	24.56	24.56	24.57	24.58	24.58	24.56	24.55	24.55	24.54	24.52	24.51	24.48	24.47	24.48	24.51	24.52	24.53	24.55	24.55	24.55	24.55	24.54	24.58	24.47
9	24.55	24.54	24.54	24.55	24.55	24.56	24.58	24.58	24.58	24.56	24.56	24.55	24.54	24.53	24.52	24.52	24.51	24.49	24.48	24.48	24.49	24.50	24.49	24.50	24.53	24.58	24.48
10	24.48	24.46	24.50	24.49	24.46	24.46	24.49	24.49	24.47	24.44	24.44	24.44	24.48	24.48	24.46	24.43	24.43	24.41	24.41	24.40	24.41	24.40	24.40	24.43	24.45	24.50	24.40
11	24.42	24.41	24.42	24.43	24.43	24.43	24.45	24.45	24.46	24.47	24.47	24.46	24.46	24.46	24.47	24.47	24.47	24.47	24.48	24.49	24.51	24.51	24.51	24.52	24.46	24.52	24.41
12	24.52	24.53	24.53	24.54	24.54	24.54	24.55	24.54	24.54	24.54	24.53	24.53	24.52	24.51	24.49	24.48	24.48	24.47	24.46	24.47	24.48	24.48	24.49	24.49	24.51	24.55	24.46
13	24.48	24.48	24.48	24.46	24.45	24.46	24.47	24.47	24.46	24.45	24.44	24.43	24.43	24.42	24.42	24.40	24.40	24.39	24.38	24.39	24.39	24.40	24.40	24.40	24.43	24.48	24.38
14	24.39	24.39	24.39	24.38	24.38	24.37	24.38	24.38	24.37	24.35	24.34	24.32	24.31	24.30	24.29	24.27	24.25	24.25	24.26	24.27	24.29	24.36	24.38	24.40	24.34	24.40	24.25
15	24.41	24.42	24.43	24.45	24.47	24.48	24.50	24.52	24.53	24.55	24.56	24.56	24.55	24.56	24.55	24.55	24.54	24.54	24.53	24.54	24.56	24.56	24.57	24.56	24.52	24.57	24.41
16	24.56	24.55	24.54	24.54	24.54	24.53	24.53	24.53	24.53	24.53	24.51	24.50	24.49	24.48	24.47	24.46	24.45	24.44	24.44	24.45	24.47	24.47	24.48	24.48	24.50	24.56	24.44
17	24.48	24.49	24.49	24.49	24.49	24.49	24.51	24.52	24.51	24.50	24.50	24.49	24.48	24.48	24.47	24.47	24.47	24.48	24.48	24.50	24.53	24.54	24.54	24.55	24.50	24.55	24.47
18	24.55	24.55	24.55	24.55	24.55	24.55	24.57	24.58	24.57	24.56	24.55	24.53	24.51	24.50	24.48	24.47	24.47	24.46	24.46	24.48	24.49	24.50	24.49	24.48	24.52	24.58	24.46
19	24.48	24.48	24.47	24.48	24.48	24.48	24.48	24.48	24.47	24.46	24.45	24.45	24.43	24.42	24.42	24.41	24.40	24.40	24.40	24.41	24.43	24.43	24.42	24.43	24.44	24.48	24.40
20	24.42	24.41	24.42	24.42	24.43	24.43	24.44	24.44	24.43	24.42	24.42	24.42	24.41	24.41	24.40	24.40	24.40	24.41	24.42	24.42	24.43	24.45	24.45	24.45	24.42	24.45	24.40
21	24.44	24.44	24.43	24.43	24.42	24.43	24.43	24.43	24.42	Au	Au	Au	Au	24.35	24.33	24.32	24.32	24.32	24.33	24.38	24.40	24.39	24.36	24.37	24.39	24.44	24.32
22	24.39	24.37	24.37	24.36	24.37	24.38	24.39	24.39	24.39	24.38	24.38	24.37	24.36	24.36	24.35	24.34	24.34	24.34	24.34	24.35	24.37	24.37	24.37	24.38	24.37	24.39	24.34
23	24.37	24.37	24.36	24.35	24.35	24.35	24.35	24.35	24.35	24.34	24.33	24.32	24.30	24.29	24.28	24.27	24.25	24.24	24.24	24.24	24.25	24.26	24.26	24.27	24.31	24.37	24.24
24	24.27	24.26	24.26	24.26	24.26	24.26	24.27	24.28	24.28	24.28	24.29	24.31	24.31	24.31	24.32	24.33	24.35	24.36	24.37	24.38	24.40	24.40	24.40	24.39	24.32	24.40	24.26
25	24.38	24.39	24.38	24.38	24.37	24.38	24.38	24.39	24.39	24.38	24.37	24.36	24.36	24.34	24.33	24.33	24.33	24.33	24.33	24.34	24.36	24.38	24.38	24.39	24.36	24.39	24.33
26	24.39	24.39	24.40	24.40	24.41	24.42	24.43	24.45	24.44	24.44	24.43	24.43	24.42	24.42	24.41	24.39	24.39	24.39	24.40	24.41	24.43	24.43	24.45	24.46	24.42	24.46	24.39
27	24.44	24.44	24.43	24.44	24.44	24.45	24.47	24.47	24.47	24.48	24.48	24.47	24.46	24.45	24.44	24.43	24.45	24.47	24.45	24.44	24.46	24.48	24.48	24.48	24.46	24.48	24.43
28	24.48	24.47	24.47	24.47	24.48	24.47	24.49	24.50	24.49	24.48	24.46	24.44	24.42	24.40	24.38	24.36	24.33	24.31	24.31	24.31	24.31	24.30	24.29	24.29	24.40	24.50	24.29
29	24.28	24.28	24.28	24.28	24.28	24.29	24.31	24.34	24.34	24.35	24.35	24.36	24.34	24.34	24.32	24.32	24.31	24.32	24.32	24.35	24.38	24.39	24.40	24.41	24.33	24.41	24.28
30	24.42	24.42	24.42	24.42	24.42	24.42	24.44	24.44	24.44	24.43	24.42	24.40	24.39	24.38	24.36	24.36	24.35	24.35	24.35	24.36	24.38	24.38	24.37	24.37	24.40	24.44	24.35
31	24.36	24.35	24.36	24.35	24.36	24.37	24.37	24.38	24.38	24.36	24.36	24.35	24.34	24.32	24.31	24.29	24.28	24.27	24.28	24.29	24.30	24.32	24.34	24.33	24.33	24.38	24.27
Avg	24.45	24.45	24.45	24.45	24.45	24.45	24.46	24.47	24.46	24.46	24.46	24.45	24.44	24.43	24.42	24.41	24.41	24.41	24.41	24.42	24.44	24.44	24.45	24.45	24.44	24.49	24.39
Max	24.58	24.57	24.57	24.57	24.57	24.57	24.59	24.60	24.59	24.59	24.58	24.57	24.56	24.56	24.55	24.55	24.54	24.55	24.56	24.56	24.57	24.58	24.58	24.58	24.56	24.60	24.53
Min	24.27	24.26	24.26	24.26	24.26	24.26	24.27	24.28	24.28	24.28	24.29	24.31	24.30	24.29	24.28	24.27	24.25	24.24	24.24	24.24	24.25	24.26	24.26	24.27	24.31	24.37	24.24

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
September 2012

Day	<< Hour >>																								Avg	Max	Min
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	24.32	24.32	24.31	24.31	24.30	24.30	24.31	24.31	24.31	24.32	24.32	24.31	24.30	24.28	24.29	24.31	24.32	24.32	24.35	24.36	24.37	24.39	24.40	24.40	24.33	24.40	24.28
2	24.40	24.40	24.40	24.41	24.40	24.41	24.41	24.44	24.45	24.44	24.43	24.42	24.41	24.39	24.37	24.36	24.36	24.35	24.35	24.37	24.39	24.39	24.40	24.41	24.40	24.45	24.35
3	24.42	24.42	24.42	24.42	24.42	24.42	24.44	24.45	24.45	24.45	24.44	24.43	24.42	24.42	24.40	24.39	24.38	24.37	24.37	24.39	24.40	24.40	24.39	24.40	24.41	24.45	24.37
4	24.39	24.39	24.39	24.39	24.40	24.41	24.42	24.44	24.43	24.43	24.44	24.44	24.45	24.45	24.46	24.46	24.46	24.46	24.46	24.47	24.47	24.47	24.48	24.47	24.44	24.48	24.39
5	24.46	24.46	24.46	24.45	24.44	24.43	24.43	24.43	24.42	24.41	24.39	24.38	24.36	24.35	24.34	24.33	24.33	24.33	24.33	24.34	24.36	24.36	24.38	24.39	24.39	24.46	24.33
6	24.40	24.39	24.39	24.39	24.39	24.40	24.41	24.43	24.44	24.44	24.45	24.44	24.44	24.44	24.45	24.46	24.48	24.49	24.50	24.51	24.52	24.53	24.53	24.53	24.45	24.53	24.39
7	24.54	24.54	24.55	24.55	24.55	24.56	24.57	24.60	24.61	24.61	24.61	24.61	24.61	24.60	24.60	24.59	24.59	24.59	24.60	24.61	24.63	24.64	24.64	24.64	24.59	24.64	24.54
8	24.64	24.64	24.64	24.63	24.63	24.63	24.64	24.65	24.64	24.63	24.61	24.60	24.58	24.56	24.54	24.52	24.50	24.49	24.48	24.49	24.49	24.49	24.48	24.47	24.57	24.65	24.47
9	24.47	24.45	24.44	24.43	24.41	24.41	24.41	24.41	24.40	24.39	24.37	24.34	24.32	24.30	24.28	24.27	24.25	24.23	24.22	24.23	24.24	24.25	24.26	24.26	24.33	24.47	24.22
10	24.25	24.25	24.25	24.25	24.24	24.24	24.24	24.25	24.26	24.25	24.24	24.23	24.22	24.20	24.19	24.19	24.19	24.21	24.21	24.23	24.27	24.28	24.29	24.31	24.24	24.31	24.19
11	24.31	24.31	24.31	24.31	24.32	24.33	24.35	24.38	24.39	24.39	24.39	24.39	24.40	24.40	24.39	24.40	24.40	24.41	24.43	24.45	24.46	24.48	24.49	24.49	24.39	24.49	24.31
12	24.50	24.51	24.51	24.51	24.52	24.53	24.56	24.58	24.60	24.61	24.62	24.62	24.62	24.61	24.60	24.60	24.60	24.60	24.60	24.60	24.61	24.62	24.62	24.62	24.58	24.62	24.50
13	24.63	24.64	24.64	24.65	24.66	24.68	24.69	24.71	24.72	24.72	24.71	24.71	24.70	24.68	24.67	24.66	24.65	24.65	24.65	24.66	24.67	24.67	24.66	24.65	24.67	24.72	24.63
14	24.64	24.64	24.62	24.61	24.61	24.60	24.59	24.60	24.60	24.59	24.57	24.56	24.55	24.53	24.52	24.51	24.50	24.49	24.49	24.50	24.50	24.50	24.50	24.50	24.56	24.64	24.49
15	24.49	24.49	24.48	24.48	24.48	24.48	24.47	24.49	24.49	24.48	24.47	24.47	24.47	24.47	24.47	24.46	24.46	24.46	24.46	24.47	24.48	24.49	24.49	24.49	24.48	24.49	24.46
16	24.48	24.47	24.47	24.47	24.47	24.47	24.48	24.51	24.53	24.54	24.54	24.53	24.52	24.52	24.51	24.50	24.50	24.51	24.51	24.52	24.53	24.53	24.53	24.52	24.51	24.54	24.47
17	24.52	24.52	24.51	24.51	24.50	24.50	24.50	24.52	24.52	24.51	24.51	24.50	24.48	24.47	24.46	24.45	24.46	24.46	24.46	24.46	24.47	24.47	24.47	24.47	24.49	24.52	24.45
18	24.47	24.47	24.47	24.46	24.46	24.46	24.46	24.48	24.48	24.46	24.45	24.44	24.42	24.41	24.39	24.38	24.38	24.38	24.39	24.40	24.42	24.44	24.45	24.47	24.44	24.48	24.38
19	24.48	24.49	24.50	24.52	24.52	24.53	24.53	24.55	24.55	24.54	24.53	24.52	24.50	24.48	24.47	24.46	24.45	24.46	24.46	24.47	24.48	24.49	24.50	24.51	24.50	24.55	24.45
20	24.51	24.51	24.52	24.51	24.51	24.51	24.52	24.53	24.54	24.54	24.53	24.52	24.51	24.50	24.49	24.49	24.49	24.49	24.49	24.51	24.52	24.52	24.52	24.52	24.51	24.54	24.49
21	24.52	24.52	24.52	24.52	24.52	24.53	24.54	24.55	24.56	24.55	24.54	24.53	24.51	24.50	24.48	24.47	24.48	24.49	24.50	24.51	24.51	24.52	24.52	24.52	24.52	24.56	24.47
22	24.53	24.53	24.52	24.51	24.51	24.51	24.51	24.52	24.52	24.51	24.51	24.50	24.49	24.47	24.46	24.45	24.45	24.45	24.45	24.47	24.47	24.48	24.48	24.47	24.49	24.53	24.45
23	24.47	24.47	24.46	24.46	24.46	24.46	24.46	24.47	24.48	24.48	24.47	24.46	24.44	24.43	24.43	24.43	24.44	24.44	24.45	24.47	24.46	24.46	24.45	24.45	24.46	24.48	24.43
24	24.44	24.43	24.42	24.42	24.42	24.41	24.41	24.42	24.43	24.42	24.40	24.39	24.37	24.35	24.34	24.33	24.32	24.33	24.34	24.35	24.35	24.35	24.35	24.35	24.38	24.44	24.32
25	24.35	24.34	24.34	24.33	24.33	24.33	24.34	24.36	24.37	24.37	24.35	24.35	24.34	24.33	24.33	24.33	24.33	24.34	24.35	24.37	24.38	24.38	24.38	24.39	24.35	24.39	24.33
26	24.39	24.39	24.40	24.40	24.41	24.42	24.43	24.44	24.45	24.45	24.45	24.43	24.42	24.41	24.41	24.41	24.41	24.42	24.44	24.45	24.46	24.47	24.47	24.47	24.43	24.47	24.39
27	24.47	24.47	24.47	24.47	24.47	24.47	24.48	24.49	24.50	24.50	24.49	24.48	24.47	24.46	24.45	24.44	24.44	24.43	24.44	24.45	24.45	24.45	24.46	24.46	24.47	24.50	24.43
28	24.45	24.44	24.44	24.43	24.42	24.41	24.42	24.43	24.44	24.42	24.41	24.40	24.39	24.37	24.35	24.33	24.33	24.33	24.34	24.35	24.35	24.36	24.36	24.36	24.39	24.45	24.33
29	24.37	24.37	24.38	24.39	24.39	24.41	24.41	24.43	24.45	24.45	24.44	24.44	24.43	24.43	24.43	24.43	24.43	24.43	24.44	24.45	24.47	24.48	24.48	24.48	24.43	24.48	24.37
30	24.48	24.48	24.48	24.49	24.49	24.49	24.50	24.52	24.54	24.54	24.54	24.53	24.53	24.53	24.54	24.54	24.54	24.56	24.57	24.58	24.60	24.61	24.61	24.61	24.54	24.61	24.48
Avg	24.46	24.46	24.46	24.46	24.46	24.46	24.46	24.48	24.49	24.48	24.47	24.47	24.46	24.44	24.44	24.43	24.43	24.43	24.44	24.45	24.46	24.47	24.47	24.47	24.46	24.51	24.41
Max	24.64	24.64	24.64	24.65	24.66	24.68	24.69	24.71	24.72	24.72	24.71	24.71	24.70	24.68	24.67	24.66	24.65	24.65	24.65	24.66	24.67	24.67	24.66	24.65	24.67	24.72	24.63
Min	24.25	24.25	24.25	24.25	24.24	24.24	24.24	24.25	24.26	24.25	24.24	24.23	24.22	24.20	24.19	24.19	24.19	24.21	24.21	24.23	24.24	24.25	24.26	24.26	24.24	24.31	24.19

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (RH)
July 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	53.0	37.6	41.3	43.8	51.0	66.2	60.7	53.3	50.4	54.1	50.6	43.4	40.9	42.1	42.4	41.8	47.1	50.2	68.8	88.4	92.6	91.1	90.3	94.5	58.1	94.5	37.6
2	96.5	98.9	99.7	99.7	99.8	99.5	97.4	90.5	65.4	57.2	51.4	49.4	46.1	46.0	40.4	37.5	34.0	28.5	33.1	43.6	49.9	58.8	48.1	44.6	63.2	99.8	28.5
3	45.3	49.4	53.5	55.5	59.8	60.0	52.4	43.8	38.3	29.9	38.3	40.6	41.0	40.5	38.2	39.1	39.0	39.2	38.4	40.4	46.3	45.0	49.5	45.3	44.5	60.0	29.9
4	50.0	52.1	67.9	79.0	82.6	78.9	74.1	49.4	47.0	44.0	39.3	33.2	28.1	27.0	25.4	23.9	25.1	26.5	33.7	37.8	48.9	47.1	47.7	54.2	46.8	82.6	23.9
5	65.2	72.9	76.6	79.8	80.0	81.1	76.3	62.8	36.8	39.4	43.1	43.8	36.0	41.5	42.0	42.7	49.7	53.1	54.5	59.6	61.5	75.7	80.1	86.6	60.0	86.6	36.0
6	87.8	90.6	93.5	94.9	97.1	92.8	86.4	72.0	55.0	48.9	53.8	38.6	31.6	25.0	21.9	23.9	30.5	32.4	37.2	42.6	57.1	62.9	67.4	78.6	59.3	97.1	21.9
7	85.4	81.6	86.0	85.6	89.5	86.2	83.2	57.1	59.0	56.1	59.1	45.7	36.0	25.4	24.4	23.7	24.6	39.0	36.0	38.4	45.3	52.6	57.6	71.3	56.2	89.5	23.7
8	73.4	77.2	81.1	86.0	89.5	85.0	74.5	64.9	50.0	37.5	38.7	35.0	31.0	28.4	30.0	31.8	38.2	47.1	41.5	53.2	64.0	75.2	81.1	82.1	58.2	89.5	28.4
9	80.0	86.3	86.3	87.2	90.3	90.4	79.3	61.7	47.5	33.3	17.1	19.4	20.5	20.4	18.8	19.2	20.6	21.9	30.3	35.3	34.3	36.2	42.8	46.6	46.9	90.4	17.1
10	61.4	64.5	72.3	73.1	77.8	78.6	73.1	60.4	45.6	39.5	40.7	36.4	31.5	29.1	26.7	22.5	24.3	32.8	37.3	35.5	45.6	55.4	68.0	71.4	50.1	78.6	22.5
11	71.0	77.1	84.3	87.7	89.2	85.0	77.2	62.9	45.5	40.1	34.1	29.4	24.9	24.5	24.0	26.2	35.7	35.4	39.2	48.4	58.8	63.5	71.4	71.7	54.5	89.2	24.0
12	74.3	78.0	79.9	87.9	85.9	85.8	75.1	63.2	46.8	33.4	26.3	24.3	22.3	19.4	17.6	17.5	19.7	21.6	21.6	45.3	49.1	49.9	54.3	63.9	48.5	87.9	17.5
13	71.1	75.5	77.4	77.8	75.5	80.2	77.3	73.3	50.3	37.5	40.0	42.6	42.6	41.3	43.1	35.3	50.2	55.0	61.6	40.9	48.9	69.2	77.9	78.0	59.3	80.2	35.3
14	81.3	83.8	84.8	84.8	87.0	88.8	87.8	82.0	76.9	68.4	49.9	50.5	53.8	54.4	55.9	51.5	45.8	44.0	56.7	64.0	72.8	89.9	97.2	96.2	71.2	97.2	44.0
15	97.3	97.0	98.0	98.4	99.7	99.7	98.6	92.5	88.3	78.0	70.7	61.3	54.9	48.0	47.4	51.2	53.0	57.2	55.8	61.2	77.5	87.3	89.9	91.2	77.3	99.7	47.4
16	93.9	93.3	92.9	95.5	98.5	93.6	88.4	77.0	61.1	49.4	48.2	45.8	45.6	41.4	44.9	56.5	89.9	92.0	86.6	92.0	95.2	96.5	97.6	98.0	78.1	98.5	41.4
17	99.1	99.4	99.6	99.8	99.7	99.1	89.8	82.0	74.2	68.8	59.5	54.3	46.7	42.0	46.3	37.5	36.3	37.0	42.5	41.1	51.8	72.4	79.3	80.5	68.3	99.8	36.3
18	85.7	88.3	86.7	90.2	89.9	91.3	82.0	69.0	56.7	36.6	32.8	28.9	22.1	21.4	20.0	22.2	24.2	25.0	24.9	32.5	45.3	60.3	62.7	70.0	52.9	91.3	20.0
19	65.5	68.8	81.4	75.6	79.8	80.1	69.5	56.3	42.3	38.7	33.3	29.7	28.2	22.8	22.9	28.8	33.6	35.8	42.6	46.3	49.5	55.1	52.6	64.0	50.1	81.4	22.8
20	72.1	74.6	74.6	74.6	67.3	49.5	43.9	61.8	73.8	74.0	64.4	46.1	40.4	35.7	31.0	28.1	31.9	69.1	75.7	74.5	81.3	83.4	83.5	83.5	62.3	83.5	28.1
21	86.9	93.9	96.0	95.9	98.4	97.8	86.9	75.5	63.5	57.7	54.2	39.5	35.2	30.6	30.2	29.1	28.1	27.8	34.3	42.5	49.6	61.5	65.7	72.9	60.6	98.4	27.8
22	77.7	80.9	83.9	85.7	88.0	86.4	75.8	66.3	47.4	33.5	30.2	28.2	24.9	20.8	21.8	25.9	28.6	33.8	56.3	65.7	65.6	61.8	61.8	60.5	54.6	88.0	20.8
23	61.8	67.1	63.3	62.3	70.1	73.8	62.2	52.3	43.8	38.0	35.2	32.5	28.1	25.9	31.5	38.4	39.8	56.9	47.6	54.3	69.4	73.5	76.8	75.7	53.3	76.8	25.9
24	70.9	82.8	83.4	89.8	91.0	92.4	85.5	67.8	39.4	33.4	28.6	25.0	24.3	21.7	20.6	19.3	18.3	19.5	20.9	27.7	35.7	51.0	63.5	70.9	49.3	92.4	18.3
25	77.0	83.0	85.9	88.0	91.2	90.0	80.1	67.2	51.0	45.6	42.8	40.2	37.1	34.0	30.7	30.9	30.5	30.5	37.2	42.4	52.9	63.5	78.2	82.5	58.0	91.2	30.5
26	86.6	89.2	91.9	92.9	93.3	93.1	83.9	71.1	53.6	42.0	38.6	34.6	32.1	28.1	28.5	48.5	65.4	49.6	52.6	57.0	66.7	64.1	58.5	60.5	61.8	93.3	28.1
27	63.8	73.9	82.5	87.1	90.1	91.4	88.0	89.2	76.6	57.3	67.0	60.2	45.7	37.2	32.5	28.5	28.4	35.1	54.2	78.2	88.9	81.8	79.5	88.1	66.9	91.4	28.4
28	93.0	94.2	93.8	93.1	97.6	92.6	88.8	77.8	62.7	49.9	34.9	30.8	26.9	24.6	21.5	20.4	26.6	26.8	36.7	65.1	72.4	71.7	78.0	84.4	61.0	97.6	20.4
29	79.8	77.8	80.8	83.4	85.1	88.5	82.0	67.1	49.7	37.3	31.9	28.9	27.3	24.7	23.3	23.4	25.2	24.0	29.9	38.6	40.9	40.2	52.5	58.4	50.0	88.5	23.3
30	70.4	77.7	75.4	81.1	87.3	87.6	75.7	64.3	47.6	29.6	27.5	25.0	23.9	18.9	15.4	12.9	16.3	19.4	27.6	28.5	28.1	34.1	43.9	57.9	44.8	87.6	12.9
31	68.2	71.1	74.7	80.6	80.7	83.5	72.5	57.7	37.8	31.1	30.6	28.7	24.3	21.4	22.2	23.3	23.4	23.2	25.9	35.9	45.8	49.6	54.8	60.2	47.0	83.5	21.4
Avg	75.7	78.7	81.6	83.8	85.9	85.4	78.3	67.5	54.3	45.8	42.3	37.8	34.0	31.1	30.4	31.0	35.0	38.4	43.3	50.2	57.8	63.9	68.1	72.4	57.2	89.2	27.2
Max	99.1	99.4	99.7	99.8	99.8	99.7	98.6	92.5	88.3	78.0	70.7	61.3	54.9	54.4	55.9	56.5	89.9	92.0	86.6	92.0	95.2	96.5	97.6	98.0	78.1	99.8	47.4
Min	45.3	37.6	41.3	43.8	51.0	49.5	43.9	43.8	36.8	29.6	17.1	19.4	20.5	18.9	15.4	12.9	16.3	19.4	20.9	27.7	28.1	34.1	42.8	44.6	44.5	60.0	12.9

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (RH)
August 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	71.8	80.9	83.9	85.3	83.6	83.3	76.9	66.5	40.9	31.5	25.9	21.4	21.2	21.7	20.5	18.9	17.9	20.0	24.6	34.0	43.6	47.7	59.0	63.0	47.7	85.3	17.9
2	70.1	70.3	77.8	80.4	83.1	85.9	72.9	58.8	38.6	31.0	25.2	23.1	23.3	21.8	21.1	23.3	27.4	29.1	29.7	33.9	35.5	48.0	72.5	91.4	48.9	91.4	21.1
3	96.0	85.7	85.7	87.6	92.9	95.0	88.9	83.0	73.9	69.1	60.3	50.8	46.8	43.6	40.7	38.7	38.4	40.5	43.6	50.9	65.4	73.9	80.3	84.7	67.4	96.0	38.4
4	89.1	92.1	94.9	96.3	96.9	96.1	90.2	77.5	62.4	48.8	43.4	35.6	30.2	27.4	23.7	20.1	17.8	16.9	18.8	38.2	48.9	61.2	70.5	74.0	57.1	96.9	16.9
5	78.1	80.5	76.7	78.4	81.4	79.3	75.1	55.6	40.2	23.6	22.3	20.0	19.6	19.1	17.3	16.3	16.5	17.1	20.6	29.9	39.5	46.6	55.7	65.4	44.8	81.4	16.3
6	69.7	73.2	68.6	69.9	73.8	76.1	73.1	60.7	51.4	41.3	29.3	23.4	21.2	21.5	23.0	21.7	24.9	26.2	30.6	34.0	43.9	55.1	58.3	65.4	47.3	76.1	21.2
7	70.4	76.3	80.1	85.9	87.6	89.3	79.7	65.7	46.5	34.4	26.3	22.8	20.9	19.7	17.4	15.9	16.4	17.6	19.9	24.6	37.8	46.6	52.2	58.8	46.4	89.3	15.9
8	62.9	63.1	62.8	63.9	65.6	66.1	61.3	52.7	35.7	25.1	22.5	20.8	19.7	20.0	17.6	18.3	21.5	27.2	31.2	29.7	28.8	34.2	38.2	50.0	39.1	66.1	17.6
9	60.0	67.0	72.8	77.1	80.0	83.2	82.8	68.4	50.1	39.1	34.8	31.7	29.4	24.6	24.2	24.5	21.2	24.0	27.9	38.4	44.5	43.2	54.5	60.5	48.5	83.2	21.2
10	62.8	65.4	68.8	68.2	76.1	83.5	88.0	80.9	69.9	50.2	44.8	45.5	56.8	58.7	58.1	48.4	50.5	58.4	54.4	60.8	67.1	68.6	62.8	70.5	63.3	88.0	44.8
11	74.2	82.9	88.6	93.2	93.3	93.8	94.7	88.4	75.7	62.5	54.9	44.0	38.0	32.6	28.7	29.4	34.5	36.7	38.6	46.4	63.9	70.9	72.9	82.2	63.4	94.7	28.7
12	85.0	88.2	89.1	92.9	92.1	91.7	82.1	63.5	53.7	48.5	42.9	40.3	38.1	37.1	34.3	35.4	37.7	35.7	40.4	44.3	50.2	50.4	51.4	56.5	57.6	92.9	34.3
13	57.9	61.2	63.9	76.4	81.8	86.1	84.1	72.4	54.6	40.0	34.8	29.0	24.4	22.4	21.1	21.1	20.8	19.7	27.1	40.1	50.3	61.4	67.0	71.0	49.5	86.1	19.7
14	75.2	79.3	81.7	85.6	85.5	88.0	81.6	66.0	43.4	27.9	23.4	20.6	20.2	19.4	19.5	18.9	19.0	21.1	24.1	28.2	34.3	72.5	83.9	83.6	50.1	88.0	18.9
15	82.2	84.0	82.8	79.1	81.4	86.9	82.8	83.4	86.1	79.0	74.3	73.8	71.2	69.8	65.0	62.4	63.7	65.1	67.5	70.0	74.2	76.8	77.2	82.2	75.9	86.9	62.4
16	84.6	86.0	85.1	83.3	79.0	77.7	74.7	68.4	63.5	58.9	52.1	45.5	38.5	32.7	30.3	29.3	29.3	28.1	34.2	46.1	58.7	70.8	72.8	77.4	58.6	86.0	28.1
17	83.8	85.0	89.6	92.2	92.2	89.3	79.5	61.0	39.7	24.6	16.8	18.6	17.7	16.4	15.2	13.6	15.1	16.9	20.7	29.6	38.8	50.8	59.2	62.8	47.0	92.2	13.6
18	65.6	71.0	75.2	75.6	80.2	80.9	75.9	54.8	38.3	26.3	23.7	22.3	19.8	18.3	16.4	15.7	16.9	21.0	23.1	25.6	35.6	37.8	44.2	50.0	42.3	80.9	15.7
19	51.4	56.9	60.6	63.5	67.9	72.5	69.6	54.3	37.3	24.5	20.4	18.5	17.5	16.7	18.2	19.9	20.9	20.8	28.2	37.6	46.3	46.8	48.9	54.3	40.6	72.5	16.7
20	61.2	71.0	70.0	69.6	70.6	75.0	70.5	56.6	36.4	24.3	20.3	20.4	18.6	16.8	19.3	17.9	18.5	22.5	28.4	30.5	38.9	44.4	51.6	57.3	42.1	75.0	16.8
21	62.2	61.6	62.4	55.5	61.1	61.3	65.7	50.9	40.0	Au	Au	Au	Au	22.0	20.4	18.9	18.7	24.1	28.6	48.2	70.3	74.7	75.6	81.3	50.2	81.3	18.7
22	89.2	90.3	93.6	94.9	94.8	94.4	93.3	87.1	72.9	60.6	50.2	45.0	34.3	28.1	27.3	25.9	24.9	27.2	30.8	42.9	58.0	62.0	69.4	73.4	61.3	94.9	24.9
23	81.4	83.1	85.8	86.3	87.4	86.6	84.5	71.9	45.2	27.6	21.7	20.9	19.5	19.1	19.1	18.9	17.7	18.7	24.2	40.4	48.1	55.1	59.3	63.9	49.4	87.4	17.7
24	64.4	69.3	69.0	74.6	78.2	81.4	80.9	68.1	48.4	32.7	22.5	21.2	16.6	15.5	15.2	15.5	16.7	17.9	22.2	28.4	34.9	47.5	57.4	66.3	44.4	81.4	15.2
25	73.3	75.0	80.9	81.2	83.5	85.2	79.6	64.8	43.7	28.7	24.1	19.9	18.0	14.7	12.0	10.8	10.7	13.3	16.7	31.0	37.3	47.9	52.2	54.6	44.1	85.2	10.7
26	55.2	55.4	61.5	65.7	67.7	69.6	65.7	57.7	35.6	26.4	25.3	22.8	20.1	19.8	19.4	19.2	20.7	23.2	23.8	25.4	27.4	30.4	38.5	35.2	38.0	69.6	19.2
27	42.4	47.3	46.9	50.7	62.8	71.1	71.9	60.4	41.0	34.7	30.0	26.9	23.0	16.6	17.8	19.1	25.9	35.1	36.1	39.5	49.4	56.9	60.5	69.6	43.1	71.9	16.6
28	70.9	78.0	82.4	85.4	86.6	89.1	83.3	69.0	47.0	25.3	17.8	15.3	12.8	11.5	12.2	12.8	13.5	13.5	16.9	27.2	31.0	36.4	46.6	44.5	42.9	89.1	11.5
29	45.1	40.7	44.9	53.0	60.1	65.1	65.2	55.1	35.7	28.7	24.7	24.9	21.8	20.5	17.2	17.9	19.8	25.0	32.2	37.0	40.2	44.0	53.9	62.2	39.0	65.2	17.2
30	62.5	67.7	67.4	74.4	78.0	79.1	72.7	63.3	42.5	29.5	27.4	24.5	19.8	17.5	13.2	14.4	13.4	15.4	23.7	33.7	34.5	39.8	48.3	54.3	42.4	79.1	13.2
31	59.3	66.6	68.8	75.1	76.6	76.4	77.4	70.8	58.3	38.0	24.2	23.3	24.4	23.2	23.7	21.1	21.2	25.8	32.2	36.0	42.6	44.4	62.6	78.9	48.0	78.9	21.1
Avg	69.6	72.7	74.9	77.5	80.1	81.9	78.2	66.4	50.0	38.1	32.2	29.1	26.8	24.8	23.5	22.7	23.6	25.9	29.7	37.5	45.8	53.1	59.9	66.0	49.7	83.6	21.7
Max	96.0	92.1	94.9	96.3	96.9	96.1	94.7	88.4	86.1	79.0	74.3	73.8	71.2	69.8	65.0	62.4	63.7	65.1	67.5	70.0	74.2	76.8	83.9	91.4	75.9	96.9	62.4
Min	42.4	40.7	44.9	50.7	60.1	61.3	61.3	50.9	35.6	23.6	16.8	15.3	12.8	11.5	12.0	10.8	10.7	13.3	16.7	24.6	27.4	30.4	38.2	35.2	38.0	65.2	10.7

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (RH)
September 2012

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	83.0	88.0	91.3	93.6	88.2	83.5	86.7	81.5	73.3	60.6	53.2	46.3	35.0	32.5	54.1	82.1	79.3	81.4	72.4	84.0	87.4	88.5	93.7	96.6	75.7	96.6	32.5
2	97.2	97.9	98.5	97.4	96.1	94.1	92.2	86.2	76.4	34.6	26.2	23.1	21.1	19.9	18.5	17.2	16.9	19.2	21.2	27.6	27.4	39.1	42.9	51.2	51.8	98.5	16.9
3	64.1	64.1	68.2	74.1	78.4	77.5	76.7	65.6	36.2	30.1	27.7	25.5	21.9	19.9	18.7	17.9	16.8	17.7	22.5	35.3	45.6	50.2	56.1	60.0	44.6	78.4	16.8
4	63.5	66.9	68.8	67.8	69.1	71.2	73.3	61.4	39.2	34.1	34.0	35.8	36.9	36.1	36.9	34.6	33.1	34.4	41.2	52.0	64.1	71.0	75.4	83.7	53.5	83.7	33.1
5	86.5	89.1	89.2	90.5	91.3	92.9	91.1	78.2	58.8	41.1	36.9	30.8	27.7	25.9	21.7	19.2	19.6	21.4	24.3	32.3	44.4	50.2	53.7	55.0	53.0	92.9	19.2
6	58.7	54.8	60.4	67.1	69.1	73.9	78.1	73.4	67.3	52.8	46.5	45.9	44.4	47.1	51.9	52.7	57.4	62.2	67.5	70.7	74.8	82.2	88.0	90.8	64.1	90.8	44.4
7	94.3	95.4	94.6	95.4	97.6	97.6	97.0	92.0	76.2	57.4	49.5	41.5	34.4	28.6	25.9	22.9	20.9	20.2	25.8	42.4	44.4	49.8	61.4	66.7	59.7	97.6	20.2
8	69.1	70.8	75.5	77.1	78.9	80.6	78.2	62.3	45.0	27.4	20.6	18.3	15.7	15.1	13.9	13.8	14.2	15.7	24.3	35.3	40.9	44.0	48.6	55.5	43.4	80.6	13.8
9	58.5	63.3	66.5	68.5	73.2	72.0	72.6	60.7	44.2	21.1	16.9	15.4	13.1	13.0	14.7	17.7	19.6	20.0	25.7	34.8	46.0	48.7	52.0	57.1	41.5	73.2	13.0
10	62.1	68.5	68.7	71.4	77.6	79.2	78.9	71.8	57.2	33.4	30.4	26.7	24.7	20.7	18.0	17.5	17.2	21.1	26.3	30.7	37.0	43.4	50.8	54.1	45.3	79.2	17.2
11	62.8	70.2	75.5	80.9	85.1	86.9	84.6	75.2	43.9	29.7	24.1	23.2	21.4	20.5	19.7	18.1	16.6	16.9	22.0	29.9	40.5	46.7	53.7	54.1	45.9	86.9	16.6
12	55.0	58.8	58.3	59.5	61.9	66.5	65.2	54.1	36.4	32.9	30.4	27.9	27.7	25.7	23.3	22.7	22.8	22.9	27.5	38.9	49.8	55.9	61.5	66.1	43.8	66.5	22.7
13	69.6	70.6	71.5	75.8	76.9	79.0	76.9	62.0	44.5	29.3	27.0	25.3	23.3	21.0	20.0	19.2	18.1	17.8	28.3	39.5	45.4	52.9	58.7	59.7	46.3	79.0	17.8
14	64.1	68.1	70.4	72.6	75.3	75.0	74.1	67.1	51.0	29.7	14.7	12.2	9.6	7.2	6.1	6.3	6.6	9.0	15.0	23.6	26.3	31.4	36.1	39.0	37.1	75.3	6.1
15	44.5	47.4	45.3	53.0	53.6	55.6	58.3	52.7	39.1	27.9	13.0	13.2	15.4	15.5	15.8	16.6	17.9	20.9	26.4	31.0	38.7	42.1	47.7	53.7	35.2	58.3	13.0
16	57.9	62.6	64.3	69.0	73.4	75.8	78.7	74.1	59.1	47.0	43.5	37.2	34.1	32.9	34.2	32.9	33.7	35.8	45.1	53.7	61.8	60.6	66.8	74.0	54.5	78.7	32.9
17	77.6	84.1	88.3	89.5	91.1	92.9	90.9	78.3	65.7	49.4	40.3	36.4	33.3	30.9	28.3	25.9	26.8	28.8	36.6	47.5	56.1	63.0	66.5	73.1	58.4	92.9	25.9
18	75.4	79.2	81.3	83.2	85.7	86.0	83.1	70.2	52.7	32.7	27.3	24.7	22.6	20.1	17.6	17.3	18.0	16.9	19.1	27.3	37.6	45.4	51.9	58.9	47.3	86.0	16.9
19	64.6	61.1	57.4	63.7	71.7	75.2	75.2	66.5	46.6	31.6	28.1	26.9	25.1	21.7	19.2	19.2	20.3	22.4	28.4	41.3	45.6	52.2	59.0	60.8	45.2	75.2	19.2
20	70.6	73.7	76.2	77.6	80.0	76.7	78.2	64.6	45.9	28.4	24.7	23.8	23.7	22.6	22.4	22.3	22.6	26.8	32.7	41.9	50.8	58.1	64.3	69.9	49.1	80.0	22.3
21	74.5	75.0	78.0	80.8	82.2	84.4	84.2	69.1	46.6	31.3	25.4	23.4	21.9	21.2	20.4	21.0	22.0	24.0	30.4	39.5	46.0	51.6	54.3	59.8	48.6	84.4	20.4
22	57.5	62.9	69.8	73.9	77.1	79.5	80.7	67.0	51.8	32.6	29.5	26.8	25.8	24.4	23.5	23.0	25.2	28.7	31.0	32.8	36.0	37.0	42.5	50.3	45.4	80.7	23.0
23	56.3	62.1	66.8	75.0	74.7	78.7	79.1	78.0	66.3	43.4	29.0	24.8	23.2	21.6	20.9	21.7	24.2	28.0	33.3	36.5	46.3	51.4	59.9	65.1	48.6	79.1	20.9
24	67.9	70.4	71.0	75.3	77.6	78.6	81.1	75.7	57.5	41.1	30.6	27.3	24.6	23.5	22.7	21.9	22.6	28.3	35.0	44.5	49.5	56.8	62.8	64.1	50.4	81.1	21.9
25	69.3	73.6	76.4	77.4	81.4	82.9	84.6	79.8	64.3	47.4	37.8	35.3	35.0	31.6	25.9	22.5	27.4	34.3	39.7	49.5	56.5	60.7	70.4	75.0	55.8	84.6	22.5
26	78.0	76.8	80.2	83.9	86.6	85.9	87.3	83.4	79.2	74.4	64.2	54.6	47.3	40.9	38.5	38.7	40.4	53.1	60.0	65.8	71.8	77.8	83.0	85.0	68.2	87.3	38.5
27	87.5	90.6	92.8	95.9	96.8	97.4	97.4	94.1	76.8	62.9	48.9	44.5	38.7	33.4	31.6	31.7	30.9	32.7	47.7	56.6	66.3	73.7	79.7	82.9	66.3	97.4	30.9
28	86.5	89.2	89.9	90.7	94.1	96.1	95.7	88.5	74.0	53.7	37.4	32.2	27.8	25.3	24.0	21.8	23.4	30.3	40.0	46.2	53.4	61.9	67.6	70.3	59.2	96.1	21.8
29	74.6	76.0	78.3	78.0	78.3	80.1	78.7	71.6	61.2	53.7	42.8	41.2	39.4	38.0	37.4	34.5	33.7	37.2	47.5	58.2	63.1	72.9	76.6	82.4	59.8	82.4	33.7
30	85.3	88.6	90.3	90.7	91.5	90.4	89.6	82.3	67.7	47.1	40.4	35.8	35.9	35.8	34.7	33.9	35.6	39.8	49.3	60.9	65.1	73.9	78.1	83.2	63.6	91.5	33.9
Avg	70.5	73.3	75.5	78.3	80.5	81.5	81.6	72.9	56.8	40.6	33.4	30.2	27.7	25.8	25.4	25.6	26.1	28.9	34.9	43.7	50.6	56.4	62.1	66.6	52.0	83.8	22.9
Max	97.2	97.9	98.5	97.4	97.6	97.6	97.4	94.1	79.2	74.4	64.2	54.6	47.3	47.1	54.1	82.1	79.3	81.4	72.4	84.0	87.4	88.5	93.7	96.6	75.7	98.5	44.4
Min	44.5	47.4	45.3	53.0	53.6	55.6	58.3	52.7	36.2	21.1	13.0	12.2	9.6	7.2	6.1	6.3	6.6	9.0	15.0	23.6	26.3	31.4	36.1	39.0	35.2	58.3	6.1

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Precipitation (Inches)
July 2012

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.040	0.040	0.000	0.000	0.280	0.100
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.020
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.320	0.190	0.010	0.520	0.320
15	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.010
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.580	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.620	0.580
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.130	0.000	0.000	0.000	0.000	0.000	0.000	0.130	0.130
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.010
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.020
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.040	0.070	0.000	0.000	0.000	0.130	0.070
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.020	0.020
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.020	0.020	0.000	0.000	0.000	0.000	0.010	0.020	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.020	0.580	0.170	0.110	0.160	0.110	0.360	0.190	0.010	1.790	0.000
Max	0.010	0.010	0.000	0.000	0.000	0.000	0.010	0.020	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.020	0.580	0.130	0.100	0.100	0.070	0.320	0.190	0.010	0.620	0.580

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Precipitation (Inches)
August 2012

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.040	0.050	0.040
3	0.020	0.000	0.000	0.010	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.080
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.020	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.050	0.030
11	0.010	0.020	0.000	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.020
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.020
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Au	Au	Au	Au	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.110	0.120	0.110
22	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.050	0.040
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.010
Tot	0.070	0.020	0.020	0.060	0.090	0.020	0.000	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.160	0.490	0.000
Max	0.040	0.020	0.020	0.030	0.080	0.020	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.110	0.120	0.110

Tintina
Black Butte Copper Project Met Tower Air Monitoring Summary
Precipitation (Inches)
September 2012

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.030	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.170	0.070
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.030	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.170	0.000
Max	0.030	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.170	0.070

APPENDIX B: PERFORMANCE AUDIT REPORTS, THIRD QUARTER 2012

Tintina Resources, Inc 2012 Third Quarter Black Butte Meteorological Station Performance Audit on August 21, 2012, by Don Milmine of Bison Engineering		
Wind Speed Sensor Audit		
Audit Device: RM Young Model 18811Speed Calibration Unit; S/N CA02929		
Audit Value Meters per Second	Station Value Meters per Second	Difference Meters per Second
0.13	0.22	0.09
2.28	2.35	0.07
6.57	6.65	0.08
13.00	13.09	0.09
20.50	20.61	0.11
Wind Direction Sensor Alignment Check		
Audit Device: Weather Measure Model 3516 S/N 737 Evaluation Device and Sokkia Model 116 S/N 35922 Engineers' Transit		
Audit Value Degrees	Station Value Degrees	Difference Degrees
90	89.4	-0.6
180	178.9	-1.1
270	279.1	-0.9
360	360.2	0.2
Wind Direction Sensor Linearity Check		
Audit Device: Climatronics Direction Linearity Fixture P/N 101966		
Audit Value Degrees	Station Value Degrees	Difference Degrees
30	29.7	-0.3
60	59.5	-0.5
90	89.2	-0.8
120	119.3	-0.7
150	148.5	-0.5
180	178.6	-1.4
210	208.7	-1.3
240	238.6	-1.4
270	268.9	-1.1
300	299.3	-0.7
330	329.6	-0.4
0	0.1	0.1
2 Meter Temperature Audit Sensor		
Audit Device: Control Company Model 4007CC S/N 90872928 Thermocouple Sensor		
Audit Value Degrees C	Station Value Degrees C	Difference Degrees C
33.0	33.2	0.2
25.1	25.1	-0.1
0.6	0.2	-0.4

Tintina Resources, Inc
2012 Third Quarter Black Butte Meteorological Station Performance Audit on August 21, 2012, by Don Milmine of Bison Engineering

10 Meter Temperature Audit Sensor

Audit Device: Control Company Model 4007CC S/N 90872928 Thermocouple Sensor

Audit Value Degrees C	Station Value Degrees C	Difference Degrees C
33.0	33.2	0.2
25.2	25.1	-0.1
0.6	0.2	-0.4

10 to 2 Meter Delta Temperature

Audit Device: Control Company Model 4007CC S/N 90872928 Thermocouple Sensor

Audit Value Degrees C	Station Value Degrees C	
33.0	0.0	
25.2	0.0	
0.6	0.0	

Humidity Audit

Audit Device: Taylor Model 5525JI Wet Bulb/Dry Bulb Masons Hygrometer

Audit Value Percent	Station Value Percent	Difference Percent
Wet Bulb 49 ° F Dry Bulb 69 ° F 19 % humidity	23 % humidity	4 % humidity

Barometric Pressure Audit

Audit Device: Taylor Model "Storm Chaser" S/N 02 Aneroid Barometer

Audit Value Inches of Mercurey	Station Value Inches of Mercurey	Difference Inches of Mercurey
24.33	24.37	0.04

Precipitation Audit

Audit Device: Fisher Scientific Graduated Cylinder

Audit Value Inches	Station Value Inches	Difference Inches
0.30	0.29	-0.01

Wind Sensor Threshold Measured Torque Values

Audit Device: R M Young Model 18310 Propeller Torque Disk

Wind Speed Sensor Gram-centimeters	Wind Direction Sensor Gram-centimeters
< 0.5	4.5

Implication for Data Invalidation Resulting From the Performance Audit:
The meteorological tower was set horizontal for the performance audit beginning at 1045 Mountain Standard Time and restored vertical at 1355 Mountain Standard Time.