

**APPENDIX A: HOURLY AIR QUALITY AND
METEOROLOGICAL DATA, SECOND QUARTER 2013**

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Speed (meters per second)
April 2013

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	0.8	1.1	0.9	1.0	2.3	2.2	1.6	0.9	0.6	5.2	6.5	7.2	6.7	5.6	4.4	3.9	4.4	4.8	5.5	1.8	1.6	1.1	1.5	2.2	3.1	7.2	0.6
2	2.6	1.5	1.0	1.3	1.1	0.9	0.9	0.9	0.7	0.8	1.8	2.5	3.6	3.9	4.7	4.5	4.7	4.4	3.0	2.3	4.5	2.6	2.0	1.5	2.4	4.7	0.7
3	2.5	1.6	2.1	1.7	2.1	2.2	1.9	1.2	1.5	2.6	3.7	4.9	4.6	5.6	4.2	3.0	2.9	3.2	1.6	1.7	2.0	2.7	3.6	2.3	2.7	5.6	1.2
4	1.7	1.7	1.4	1.4	1.2	0.9	0.5	0.8	0.8	1.1	2.0	3.9	4.9	4.3	3.9	3.4	4.4	5.2	5.8	2.5	1.1	2.4	2.7	1.7	2.5	5.8	0.5
5	0.8	1.9	1.8	1.5	1.2	1.1	1.6	3.3	5.7	6.3	7.4	7.5	6.6	6.4	7.3	6.9	7.3	6.6	5.9	8.0	5.1	6.2	5.7	3.7	4.8	8.0	0.8
6	4.3	4.6	2.7	1.3	1.5	1.0	1.0	1.1	2.1	4.4	4.4	4.6	5.7	6.0	4.5	6.2	1.9	3.4	3.6	2.2	1.8	1.7	2.2	1.2	3.1	6.2	1.0
7	2.5	2.2	1.6	1.9	1.6	1.6	3.1	2.0	2.4	2.6	2.9	3.8	5.1	2.6	3.6	1.8	1.7	1.7	1.3	1.4	4.8	5.4	4.8	2.9	2.7	5.4	1.3
8	1.7	5.9	6.4	4.4	5.4	6.0	6.0	6.1	4.8	5.7	4.4	4.7	5.3	5.6	4.4	4.4	4.2	3.9	2.3	1.8	1.1	1.8	1.2	0.9	4.1	6.4	0.9
9	0.7	0.9	0.8	0.5	0.2	0.2	0.2	0.2	0.6	0.7	1.5	2.4	1.4	2.6	2.3	2.4	2.2	2.9	2.8	4.4	3.2	2.4	1.5	1.0	1.6	4.4	0.2
10	1.3	1.3	1.5	1.2	0.9	1.2	0.8	0.7	0.5	1.0	3.9	3.6	4.0	4.0	4.7	3.9	2.5	1.1	1.3	1.4	3.0	5.2	8.5	5.8	2.6	8.5	0.5
11	3.5	3.9	4.6	4.1	3.9	5.2	5.2	4.5	4.8	5.0	6.0	7.3	7.1	6.8	5.8	7.4	7.7	7.7	7.2	6.4	5.5	5.6	5.0	4.7	5.6	7.7	3.5
12	4.8	5.1	3.6	3.2	3.3	2.3	3.4	3.6	3.9	3.7	3.5	3.7	3.3	3.6	2.9	2.7	3.1	3.9	3.8	3.6	7.7	7.1	6.6	6.4	4.1	7.7	2.3
13	5.4	3.5	2.3	2.8	3.4	4.0	2.8	6.3	3.2	5.0	4.3	4.3	6.9	9.5	9.8	10.5	8.5	8.3	7.5	6.2	3.7	2.8	1.4	1.6	5.2	10.5	1.4
14	4.4	3.8	5.3	5.4	4.7	4.7	6.2	7.1	7.0	7.4	7.9	8.5	9.2	8.8	9.0	8.3	8.3	6.9	5.9	4.4	3.4	3.0	2.8	2.4	6.0	9.2	2.4
15	2.1	1.6	1.7	1.1	0.9	0.9	0.9	0.9	1.8	3.9	4.7	4.1	3.6	4.6	5.5	6.7	7.5	7.2	6.5	1.7	1.4	1.9	0.9	1.9	3.1	7.5	0.9
16	2.7	1.4	1.6	1.8	1.5	1.3	1.2	1.0	4.9	5.8	4.9	3.6	3.3	3.5	4.5	5.3	7.4	7.4	5.5	2.6	3.0	3.0	1.7	2.1	3.4	7.4	1.0
17	1.9	1.4	1.0	0.8	1.3	1.0	1.2	4.1	4.6	3.7	4.0	4.0	3.7	3.6	4.9	3.7	4.5	4.6	3.2	2.1	2.5	3.3	3.8	3.9	3.0	4.9	0.8
18	4.0	2.8	2.1	1.7	1.7	1.0	1.0	0.7	1.9	5.3	5.8	6.5	7.1	7.1	6.9	8.6	8.0	5.9	4.6	3.3	4.5	4.3	2.9	0.8	4.1	8.6	0.7
19	3.7	1.3	1.0	2.1	2.0	1.6	1.1	0.9	1.0	2.5	2.6	3.9	3.2	2.6	3.7	1.5	1.7	1.7	2.2	3.0	1.7	0.6	1.0	1.7	2.0	3.9	0.6
20	1.3	0.9	0.6	0.9	0.8	0.9	2.0	2.1	4.8	6.4	5.9	7.9	8.1	8.9	10.8	9.7	10.6	9.9	8.0	7.9	6.1	5.4	4.7	5.1	5.4	10.8	0.6
21	3.8	3.6	4.6	3.7	4.0	4.5	4.3	4.6	3.7	2.9	3.4	3.5	3.4	2.6	2.9	3.1	3.8	2.8	2.6	1.3	1.7	2.0	1.5	1.6	3.2	4.6	1.3
22	2.1	0.9	1.3	1.1	1.0	1.4	1.0	3.7	2.7	3.2	3.8	2.3	2.5	3.8	3.5	3.5	3.4	4.0	3.9	2.8	1.9	3.6	3.3	4.4	2.7	4.4	0.9
23	4.5	4.1	4.1	3.5	3.1	2.4	2.0	0.9	1.1	3.9	4.1	5.2	5.9	6.0	6.8	6.8	6.6	4.9	5.1	3.1	1.0	3.7	2.5	2.1	3.9	6.8	0.9
24	3.1	2.0	1.5	1.0	1.7	3.1	3.8	3.9	2.5	4.2	3.6	4.7	6.4	7.2	7.9	7.6	9.0	7.9	6.7	4.8	2.7	3.9	4.1	4.6	4.5	9.0	1.0
25	5.1	7.1	4.1	5.7	4.4	6.1	5.7	5.5	7.7	8.3	9.1	8.0	7.5	7.9	7.9	7.4	7.7	7.7	6.2	3.8	1.2	2.9	3.0	2.5	5.9	9.1	1.2
26	1.9	1.8	1.4	1.4	1.0	1.0	1.4	0.9	5.9	7.1	7.2	7.5	7.3	7.7	8.2	7.8	7.8	7.7	6.9	3.7	2.3	3.5	3.0	2.0	4.4	8.2	0.9
27	1.9	3.6	4.9	6.4	2.3	2.0	3.7	6.3	7.6	8.1	8.8	8.4	11.3	11.6	11.6	12.6	11.1	9.5	9.7	8.6	6.5	10.1	10.1	7.2	7.7	12.6	1.9
28	8.2	4.3	5.1	6.8	8.2	6.1	4.5	6.5	6.9	8.3	8.0	6.6	7.6	7.0	7.3	6.9	7.7	8.5	7.2	7.6	7.2	6.7	4.3	5.9	6.8	8.5	4.3
29	5.0	4.5	1.8	1.2	0.8	2.2	5.3	5.3	7.8	8.6	12.9	12.6	14.2	16.0	16.5	15.7	13.6	14.2	10.8	9.5	8.0	7.8	7.0	3.5	8.5	16.5	0.8
30	3.3	4.4	4.3	1.6	1.1	3.1	4.8	4.5	4.9	6.2	6.9	7.0	6.6	6.3	6.2	6.2	7.1	5.6	5.0	3.6	2.6	1.2	1.7	2.2	4.4	7.1	1.1
Avg	3.1	2.8	2.6	2.4	2.3	2.4	2.6	3.0	3.6	4.7	5.2	5.5	5.9	6.1	6.2	6.1	6.0	5.8	5.1	3.9	3.4	3.8	3.5	3.0	4.1	7.6	1.2
Max	8.2	7.1	6.4	6.8	8.2	6.1	6.2	7.1	7.8	8.6	12.9	12.6	14.2	16.0	16.5	15.7	13.6	14.2	10.8	9.5	8.0	10.1	10.1	7.2	8.5	16.5	4.3
Min	0.7	0.9	0.6	0.5	0.2	0.2	0.2	0.2	0.5	0.7	1.5	2.3	1.4	2.6	2.3	1.5	1.7	1.1	1.3	1.3	1.0	0.6	0.9	0.8	1.6	3.9	0.2

A-1

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Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Speed (meters per second)
May 2013

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	2.2	2.1	2.7	1.6	2.0	2.0	1.1	0.9	2.3	3.5	3.7	4.2	5.7	4.0	5.8	2.5	5.4	4.8	5.7	3.7	2.1	2.2	1.5	1.5	3.0	5.8	0.9
2	1.3	1.3	1.3	1.2	1.6	1.5	0.8	0.8	4.1	4.7	4.6	4.5	5.3	5.9	6.1	6.9	5.6	5.2	5.2	2.8	2.2	3.0	2.5	2.0	3.4	6.9	0.8
3	1.4	1.0	1.0	0.7	0.8	0.7	0.7	0.6	5.1	5.1	3.5	2.7	2.9	4.0	2.4	3.6	4.8	4.8	3.9	3.3	2.6	1.6	1.8	2.0	2.5	5.1	0.6
4	1.3	1.4	1.0	1.0	0.9	1.5	2.6	2.5	3.6	4.5	4.7	5.4	5.5	5.6	5.6	4.8	4.6	6.0	5.7	3.0	3.3	3.4	4.2	3.8	3.6	6.0	0.9
5	2.6	1.9	3.3	3.9	2.0	2.1	0.7	4.9	7.1	7.1	7.4	7.9	7.6	8.0	7.5	6.4	6.7	6.7	6.3	4.0	2.5	3.4	2.5	1.5	4.8	8.0	0.7
6	1.4	0.9	1.6	2.2	1.6	1.0	0.6	0.7	3.3	4.3	3.3	2.7	3.0	3.2	2.9	3.3	2.8	2.8	3.2	4.5	1.5	1.8	2.1	2.0	2.4	4.5	0.6
7	0.8	1.4	3.0	3.1	3.2	2.5	0.9	0.7	1.4	9.1	7.8	8.8	8.0	7.8	7.8	6.9	9.3	7.3	6.6	5.0	2.6	2.6	4.1	4.6	4.8	9.3	0.7
8	1.5	1.6	1.2	0.9	0.7	1.2	0.7	0.9	1.1	2.4	2.8	2.4	2.9	3.0	7.4	4.7	4.8	2.7	4.8	2.0	1.8	2.7	1.6	1.5	2.4	7.4	0.7
9	2.5	1.8	1.6	1.2	0.8	1.3	0.9	0.6	0.8	2.7	3.1	4.1	4.4	3.7	4.3	5.9	5.1	2.5	2.2	1.4	2.6	3.4	2.9	2.7	2.6	5.9	0.6
10	2.1	1.8	1.3	1.6	0.8	1.7	2.0	7.4	7.1	6.5	8.6	6.6	5.9	4.7	3.1	3.8	5.3	5.8	4.6	3.0	4.0	1.1	2.9	1.7	3.9	8.6	0.8
11	3.0	2.1	2.5	3.1	3.4	1.7	0.7	0.6	2.5	2.1	3.6	4.6	5.0	5.6	4.9	5.9	4.6	2.4	2.8	2.8	2.9	5.1	4.2	2.5	3.3	5.9	0.6
12	2.6	1.6	2.3	2.4	1.9	0.9	0.9	0.8	2.4	5.7	6.0	6.9	7.8	7.5	7.3	6.4	5.4	3.1	2.7	4.3	2.8	4.0	2.5	2.1	3.8	7.8	0.8
13	1.4	2.1	2.2	1.9	1.5	1.4	1.3	0.7	2.0	3.4	5.4	5.4	5.3	5.8	6.6	7.0	6.1	5.7	7.0	7.0	5.8	7.1	7.5	8.0	4.5	8.0	0.7
14	8.7	8.2	9.2	5.2	1.9	2.3	4.5	9.2	7.9	8.2	6.3	6.7	8.3	7.3	7.4	6.0	4.9	6.9	6.7	3.5	3.3	2.0	1.7	1.6	5.7	9.2	1.6
15	1.2	1.7	1.3	1.8	1.6	2.0	1.6	1.5	2.4	3.9	3.1	3.3	3.6	3.4	4.3	2.3	1.6	2.4	2.8	3.1	2.3	2.8	2.0	1.7	2.4	4.3	1.2
16	2.3	3.1	2.3	2.0	2.9	2.8	3.4	3.9	1.3	1.7	1.7	3.5	3.6	2.8	1.7	2.4	3.2	2.4	3.2	2.3	3.5	2.4	2.4	2.4	2.6	3.9	1.3
17	1.8	2.7	3.0	2.2	0.8	0.6	0.6	0.8	0.8	1.2	3.0	5.4	4.0	1.9	1.3	1.2	2.2	1.2	0.8	1.5	1.6	1.4	2.4	3.0	1.9	5.4	0.6
18	1.9	0.9	0.8	0.9	0.7	1.6	1.9	2.1	2.2	3.5	3.9	3.5	3.9	4.7	6.1	4.3	3.7	3.9	2.3	1.7	2.0	1.8	1.6	0.9	2.5	6.1	0.7
19	2.4	2.5	3.4	2.6	1.7	3.2	4.2	4.3	4.7	3.9	4.7	5.5	4.9	4.4	5.2	5.6	4.9	5.4	3.9	3.9	2.9	2.9	2.8	2.3	3.8	5.6	1.7
20	1.4	3.3	3.9	2.0	1.8	2.2	1.5	2.6	3.6	3.8	5.2	1.8	3.2	3.3	3.1	3.1	3.2	3.5	3.0	1.1	1.5	3.1	4.3	2.2	2.8	5.2	1.1
21	2.3	2.2	1.5	1.2	0.9	1.6	1.4	0.8	4.4	6.0	7.0	7.2	7.8	7.8	7.6	7.8	8.2	8.4	6.7	5.0	5.0	5.5	5.4	5.2	4.9	8.4	0.8
22	5.9	4.9	6.7	3.3	4.3	5.7	6.0	9.1	9.4	8.2	9.2	6.1	3.3	3.4	3.4	7.3	7.9	6.8	7.2	7.4	7.7	8.0	7.7	7.2	6.5	9.4	3.3
23	7.6	8.6	10.1	5.1	5.4	5.0	6.2	6.2	4.7	3.6	3.9	3.0	1.4	2.8	4.1	3.6	2.7	2.9	1.5	2.8	2.7	4.5	2.0	2.3	4.3	10.1	1.4
24	3.8	5.5	2.8	1.3	3.1	4.4	2.0	6.9	5.7	6.6	6.1	7.3	8.1	9.2	8.6	7.0	5.5	3.8	1.9	1.9	2.9	1.2	2.6	3.1	4.6	9.2	1.2
25	2.0	2.2	2.1	2.4	1.4	1.2	0.7	0.7	1.0	1.3	1.7	2.7	2.3	3.0	3.5	5.6	5.5	4.4	3.3	5.0	2.0	1.9	3.2	2.4	2.6	5.6	0.7
26	3.5	3.4	1.6	2.0	1.5	1.8	1.4	0.7	5.2	6.0	6.2	4.8	4.3	4.6	5.0	5.3	3.6	3.9	3.2	2.9	7.4	4.7	2.5	2.2	3.7	7.4	0.7
27	2.0	1.6	1.4	1.8	1.3	0.3	1.4	0.9	3.7	5.4	4.6	4.1	4.1	5.5	5.1	4.8	3.1	2.7	3.5	1.5	2.5	3.2	3.1	3.0	2.9	5.5	0.3
28	2.9	1.8	1.8	1.5	2.0	1.5	0.8	2.4	3.5	2.2	4.0	4.6	2.6	2.6	2.4	1.3	1.8	2.3	3.6	1.5	1.5	0.6	2.7	2.8	2.3	4.6	0.6
29	2.0	1.2	0.6	1.0	1.2	1.4	1.1	0.6	0.6	0.8	2.7	2.9	3.1	1.3	2.3	1.7	1.5	0.8	0.7	1.8	1.3	1.3	0.9	0.5	1.4	3.1	0.5
30	0.7	3.0	5.6	5.4	4.6	5.4	6.1	6.8	6.8	6.5	6.2	5.8	6.9	7.2	8.2	7.1	6.9	6.9	6.2	6.5	5.0	5.1	5.3	4.1	5.8	8.2	0.7
31	4.6	5.7	8.4	7.3	7.2	7.1	7.3	8.8	7.5	7.9	8.3	7.8	7.2	6.5	6.6	5.1	5.0	5.0	4.6	3.3	2.2	1.4	0.7	1.1	5.7	8.8	0.7
Avg	2.6	2.7	3.0	2.4	2.1	2.2	2.1	2.9	3.8	4.6	4.9	4.9	4.9	4.9	5.1	4.8	4.7	4.3	4.1	3.3	3.0	3.1	3.0	2.7	3.6	6.7	0.9
Max	8.7	8.6	10.1	7.3	7.2	7.1	7.3	9.2	9.4	9.1	9.2	8.8	8.3	9.2	8.6	7.8	9.3	8.4	7.2	7.4	7.7	8.0	7.7	8.0	6.5	10.1	3.3
Min	0.7	0.9	0.6	0.7	0.7	0.3	0.6	0.6	0.6	0.8	1.7	1.8	1.4	1.3	1.3	1.2	1.5	0.8	0.7	1.1	1.3	0.6	0.7	0.5	1.4	3.1	0.3

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June 2013

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	0.8	0.9	0.7	1.3	0.9	0.7	0.6	0.8	1.3	1.8	2.7	2.4	3.5	4.4	3.6	3.3	2.0	1.1	1.0	1.1	4.2	1.4	2.9	2.3	1.9	4.4	0.6
2	1.6	1.7	1.9	2.2	4.6	3.5	3.3	3.0	3.7	4.4	4.1	2.9	4.3	3.0	2.4	3.0	2.8	3.4	2.0	1.8	1.6	3.2	3.3	4.9	3.0	4.9	1.6
3	5.0	5.7	6.6	6.3	6.7	6.2	5.8	5.6	6.9	7.3	9.3	8.2	7.0	6.9	6.7	6.5	6.1	5.7	5.7	5.0	3.2	3.6	2.9	1.6	5.9	9.3	1.6
4	3.3	3.6	3.5	3.3	1.6	3.1	3.0	2.4	2.5	4.0	3.3	5.1	5.0	4.3	4.2	4.5	4.2	4.0	2.7	2.5	4.5	1.7	0.7	1.6	3.3	5.1	0.7
5	1.5	2.1	1.5	0.9	1.2	0.9	0.6	0.7	1.2	2.5	3.8	3.8	3.5	3.9	3.3	3.8	4.3	3.4	2.4	1.1	2.8	3.3	3.6	2.1	2.4	4.3	0.6
6	2.3	1.5	1.2	1.0	1.1	1.0	0.9	1.0	2.4	2.8	3.4	4.3	3.3	3.5	2.5	3.1	2.9	2.5	1.3	2.9	1.8	1.6	1.8	1.6	2.2	4.3	0.9
7	2.5	4.0	2.5	1.6	2.0	1.3	0.8	0.8	3.2	5.8	6.3	7.6	8.4	8.6	6.1	7.2	7.2	5.9	7.8	9.6	6.1	6.5	5.3	3.1	5.0	9.6	0.8
8	3.4	6.8	3.3	3.3	3.1	2.1	0.7	3.4	5.6	6.1	6.6	6.0	5.1	5.6	5.5	5.8	5.4	6.6	5.2	4.0	3.4	2.8	3.2	3.0	4.4	6.8	0.7
9	2.1	2.0	1.9	1.6	1.6	1.1	0.7	1.4	4.1	5.7	5.6	5.8	5.6	7.2	7.4	8.6	9.0	8.5	6.9	5.2	4.8	4.8	2.9	2.7	4.5	9.0	0.7
10	2.2	2.0	2.8	2.1	1.5	1.2	1.2	0.8	2.4	3.0	3.1	3.2	3.3	3.2	2.4	2.1	2.5	7.5	6.2	3.7	2.5	2.6	3.2	2.7	2.8	7.5	0.8
11	1.8	3.0	2.7	2.5	1.0	1.8	1.5	1.4	3.0	3.5	4.9	3.2	3.5	5.8	3.6	3.3	5.6	3.5	2.2	4.0	4.1	2.3	1.2	1.1	2.9	5.8	1.0
12	1.1	1.5	1.4	1.4	1.0	1.1	2.5	6.2	7.2	8.8	8.3	5.6	5.4	6.4	7.9	6.2	7.1	4.7	4.9	3.5	2.8	3.9	3.0	3.0	4.4	8.8	1.0
13	2.4	1.1	1.2	1.6	1.0	1.1	1.0	4.0	3.6	4.5	3.2	4.5	4.9	7.2	6.5	5.6	3.9	5.7	5.1	3.3	2.1	1.5	1.2	1.7	3.2	7.2	1.0
14	1.2	1.5	3.0	2.1	1.6	1.0	0.7	3.3	5.9	7.6	8.0	8.7	8.6	8.3	6.5	9.9	9.8	9.3	8.3	8.4	4.8	3.3	3.3	1.9	5.3	9.9	0.7
15	1.6	1.5	2.2	2.5	1.9	1.6	1.4	2.4	4.1	5.5	5.8	5.5	6.0	7.0	6.5	6.7	6.6	4.6	3.8	2.1	2.1	3.6	2.7	1.3	3.7	7.0	1.3
16	1.4	1.3	0.5	1.1	0.9	0.7	0.4	0.5	1.0	2.1	3.0	3.1	3.4	3.8	3.9	4.0	2.9	3.6	3.2	3.8	4.1	3.0	3.9	4.2	2.5	4.2	0.4
17	3.8	2.2	1.1	1.6	2.1	2.2	1.1	2.1	6.6	7.0	6.8	5.7	4.9	4.7	4.8	5.4	5.6	4.8	6.9	6.2	2.8	3.0	4.7	5.2	4.2	7.0	1.1
18	4.4	2.7	1.7	2.1	2.5	2.9	3.7	6.0	5.2	4.3	3.2	3.1	4.1	4.7	5.8	5.8	4.1	4.7	6.8	7.9	8.1	5.2	4.0	3.2	4.4	8.1	1.7
19	2.5	1.3	1.4	1.9	1.2	0.9	0.8	2.0	1.2	2.9	6.0	5.5	9.3	8.6	6.1	4.5	4.4	8.9	6.8	3.2	2.2	2.0	3.5	3.9	3.8	9.3	0.8
20	6.1	3.9	4.7	3.1	5.4	4.9	4.9	7.1	5.9	5.2	7.6	8.9	6.9	4.2	5.6	5.1	5.3	2.3	2.5	0.9	1.9	3.4	2.6	2.2	4.6	8.9	0.9
21	1.5	1.4	1.6	1.7	2.0	1.4	0.9	1.1	4.5	3.7	4.8	3.5	4.2	2.2	4.8	4.1	3.8	2.4	2.3	2.6	3.8	3.3	3.0	2.1	2.8	4.8	0.9
22	2.7	2.7	2.9	2.3	1.4	1.2	1.2	0.9	2.7	3.6	5.7	4.4	2.9	2.7	2.1	4.5	2.7	3.7	2.0	2.4	1.4	1.7	1.6	1.2	2.5	5.7	0.9
23	1.6	1.6	1.9	1.1	1.1	1.0	0.8	0.5	1.4	4.6	4.8	5.1	4.7	4.3	3.0	3.4	2.3	2.0	1.4	1.2	2.2	2.6	3.0	2.5	2.4	5.1	0.5
24	2.1	1.6	2.3	1.9	2.0	1.3	1.7	2.0	3.6	6.1	7.5	6.8	5.8	4.6	8.6	3.6	5.1	2.7	2.2	1.4	2.4	1.8	2.5	2.7	3.4	8.6	1.3
25	3.1	2.5	0.9	1.3	1.1	0.8	1.0	1.5	5.5	6.2	7.4	6.3	6.9	6.0	5.9	5.9	5.3	4.7	3.2	3.9	2.9	1.5	1.9	0.9	3.6	7.4	0.8
26	2.0	1.6	1.2	1.2	0.9	1.2	1.1	0.7	2.9	5.7	5.6	6.1	7.5	6.9	6.9	6.3	7.0	6.8	4.0	3.7	2.4	2.2	2.5	2.4	3.7	7.5	0.7
27	2.2	1.0	0.6	1.2	0.9	0.8	0.9	2.1	5.8	7.7	7.7	7.6	8.1	7.9	8.6	7.0	6.7	5.1	4.6	3.5	1.8	2.1	2.7	2.4	4.1	8.6	0.6
28	1.5	1.0	1.4	1.6	1.2	1.2	0.5	0.5	0.7	2.3	3.7	3.9	4.8	3.8	2.7	3.1	3.4	2.9	2.1	1.2	2.0	1.7	1.7	1.1	2.1	4.8	0.5
29	1.5	1.3	1.4	1.2	1.7	1.3	1.1	0.7	1.0	2.1	1.4	2.0	2.9	2.9	4.4	4.8	5.0	4.9	3.0	3.2	2.2	2.0	1.2	3.4	2.4	5.0	0.7
30	2.2	2.0	2.0	1.8	1.9	1.7	1.3	1.0	1.3	0.8	1.1	2.3	2.8	3.9	5.4	5.3	5.0	4.6	3.9	2.7	1.7	2.2	1.1	2.0	2.5	5.4	0.8
Avg	2.4	2.2	2.1	2.0	1.9	1.7	1.5	2.2	3.5	4.6	5.2	5.0	5.2	5.2	5.1	5.1	4.9	4.7	4.0	3.5	3.1	2.8	2.7	2.5	3.5	6.8	0.9
Max	6.1	6.8	6.6	6.3	6.7	6.2	5.8	7.1	7.2	8.8	9.3	8.9	9.3	8.6	8.6	9.9	9.8	9.3	8.3	9.6	8.1	6.5	5.3	5.2	5.9	9.9	1.7
Min	0.8	0.9	0.5	0.9	0.9	0.7	0.4	0.5	0.7	0.8	1.1	2.0	2.8	2.2	2.1	2.1	2.0	1.1	1.0	0.9	1.4	1.4	0.7	0.9	1.9	4.2	0.4

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
April 2013

Day	<< Hour >>																								Prev
	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	357	129	18	18	83	97	129	187	349	145	159	155	151	159	159	160	151	144	146	186	129	95	113	115	130
2	88	65	18	101	67	94	43	149	260	31	305	246	251	258	262	259	261	261	259	93	85	73	109	98	71
3	93	127	103	84	86	89	53	15	117	312	303	320	270	250	261	241	258	260	237	136	129	143	146	103	137
4	95	75	44	96	84	143	49	152	219	347	220	231	233	224	255	220	178	191	207	154	142	147	137	192	167
5	68	97	107	83	45	98	28	231	267	264	260	260	274	256	265	259	270	275	272	276	263	273	270	273	271
6	256	265	298	267	141	175	97	102	153	229	231	252	250	241	225	256	28	252	249	252	290	158	124	289	234
7	238	299	82	74	71	86	79	121	75	121	136	173	199	243	290	342	346	201	228	316	327	318	324	342	1
8	314	322	321	334	321	323	322	321	338	335	327	266	258	256	257	252	248	252	243	265	232	161	222	175	282
9	324	183	352	113	60	131	137	155	113	92	159	199	222	188	254	258	247	164	174	171	153	148	156	189	167
10	173	154	158	177	162	151	172	210	306	329	268	262	269	260	263	269	239	249	178	221	247	289	278	298	234
11	299	291	289	290	306	284	297	287	271	279	269	269	259	269	296	270	275	282	278	285	287	283	300	311	284
12	295	273	269	277	291	295	280	282	277	307	312	272	245	253	232	195	167	160	153	149	134	153	159	159	240
13	151	155	92	126	153	165	132	245	310	277	274	261	275	287	283	292	295	289	270	273	286	277	329	257	261
14	286	289	298	299	315	307	308	301	305	304	309	305	311	316	319	316	302	306	311	317	297	280	286	290	303
15	270	271	324	10	270	102	90	269	321	334	333	353	44	7	5	7	12	8	11	95	17	14	34	93	2
16	71	102	104	121	42	115	100	291	6	6	357	349	357	359	347	9	10	10	4	29	316	327	344	58	20
17	130	155	133	166	96	154	86	329	328	328	306	323	313	338	339	342	310	299	341	14	79	70	67	74	14
18	71	87	93	79	72	114	12	5	326	281	274	288	288	293	295	315	325	310	317	296	274	265	272	347	323
19	307	273	45	104	102	81	150	45	50	285	306	269	274	281	252	45	69	132	124	262	302	289	216	88	334
20	175	ND	ND	ND	ND	ND	256	298	254	259	259	258	263	281	269	283	272	280	285	276	282	264	262	282	268
21	280	248	311	343	339	317	322	314	298	287	292	303	289	296	295	100	2	39	344	307	285	296	241	290	307
22	30	311	15	306	196	206	334	56	55	315	185	232	204	259	290	270	255	278	267	260	144	89	66	73	281
23	77	72	78	83	78	77	103	315	295	274	240	253	259	293	306	319	321	330	318	323	259	318	262	97	322
24	81	56	77	107	308	305	289	276	273	291	275	263	252	248	246	255	258	258	262	267	270	268	261	269	272
25	280	280	297	287	294	292	278	265	266	286	281	268	244	262	277	276	278	302	294	304	41	87	83	92	286
26	81	91	76	92	81	96	148	350	254	256	252	246	267	247	251	259	252	274	281	271	107	91	98	85	213
27	108	287	272	280	263	166	238	254	262	265	254	246	267	273	269	275	269	270	262	273	280	285	280	282	265
28	275	266	280	277	274	275	264	268	278	249	244	266	250	262	269	252	260	272	278	276	275	271	259	271	267
29	293	258	277	133	75	239	257	248	260	268	267	257	264	269	280	278	298	286	295	279	283	273	298	324	274
30	291	291	304	288	213	248	273	283	292	306	315	311	319	321	345	13	3	9	331	341	328	199	112	48	313
Prev	345	256	11	67	57	138	30	282	295	295	272	266	264	270	277	281	286	275	273	276	278	265	245	358	280

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
May 2013

Day	<< Hour >>																								Prev
	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	62	47	67	109	47	90	77	126	267	261	241	265	256	279	241	277	310	313	313	299	322	93	65	74	340
2	71	55	86	73	35	118	154	74	281	257	246	257	257	243	263	271	259	258	275	233	133	95	70	63	224
3	37	74	87	355	90	123	80	354	14	9	10	28	12	275	238	330	309	300	285	284	309	259	250	286	343
4	59	324	49	128	132	350	279	309	352	33	58	67	75	78	65	67	81	108	125	101	104	90	93	93	70
5	103	92	74	78	86	105	101	142	138	131	132	139	151	150	144	145	148	148	139	125	86	88	74	75	117
6	86	37	63	55	77	41	145	302	117	140	128	156	128	139	109	168	139	152	149	154	8	101	101	76	110
7	29	74	79	86	71	67	111	353	324	303	298	298	300	313	324	356	14	360	7	31	100	96	71	51	23
8	308	138	103	147	347	133	134	344	321	197	205	228	269	266	79	78	131	175	146	141	91	64	109	114	133
9	94	76	105	116	120	117	341	310	327	272	291	292	49	83	63	151	157	256	14	155	73	81	91	73	78
10	87	58	42	107	98	118	133	302	290	330	350	354	323	318	291	288	268	275	299	63	76	132	114	125	19
11	108	118	102	94	88	125	154	122	147	242	281	291	290	281	275	302	285	311	278	256	87	75	76	78	133
12	57	49	57	75	90	140	57	312	319	274	272	285	285	289	297	276	248	236	229	291	46	91	88	73	335
13	87	70	103	66	41	68	100	332	304	263	237	233	237	264	225	232	217	198	205	257	293	291	287	295	256
14	300	299	290	300	25	8	296	282	268	265	261	278	257	258	301	298	332	323	316	278	274	355	356	125	299
15	70	104	107	106	86	44	14	33	271	268	287	289	276	258	286	310	287	318	10	59	40	349	345	80	355
16	314	53	48	53	63	153	110	91	121	67	48	262	188	75	270	301	281	97	67	87	77	76	92	75	74
17	60	68	64	82	55	26	183	132	209	203	113	128	138	7	38	290	306	256	276	314	52	58	82	71	70
18	20	39	153	152	46	289	309	296	291	285	305	318	339	355	13	6	132	179	161	221	278	335	304	78	325
19	301	322	324	324	316	312	312	313	317	321	316	311	312	312	313	311	313	322	321	327	321	317	326	336	317
20	291	322	316	316	306	317	287	314	333	313	282	44	21	308	290	304	313	1	79	280	50	94	93	119	330
21	83	85	120	104	76	113	152	32	142	136	133	133	138	141	136	129	127	126	126	117	114	112	119	127	119
22	132	127	144	132	134	141	145	147	149	140	142	139	207	188	247	123	131	104	129	110	116	114	125	126	138
23	130	122	129	141	147	157	133	129	140	225	325	319	320	289	299	268	284	276	228	269	241	285	283	307	240
24	284	266	73	194	225	282	255	247	243	228	213	210	202	215	223	244	213	203	226	109	306	171	76	62	224
25	42	34	76	63	61	96	123	163	340	43	242	310	285	303	145	142	134	157	195	321	317	39	327	320	42
26	70	105	127	82	113	59	138	228	141	146	142	136	154	128	152	180	209	158	75	53	276	38	52	92	121
27	95	56	129	108	75	44	143	80	278	268	286	252	272	285	325	296	286	280	309	349	88	81	75	82	7
28	47	89	81	65	104	83	176	135	147	101	74	64	115	63	179	22	322	297	323	318	294	326	88	80	71
29	76	67	63	35	67	56	33	127	35	302	12	345	337	32	321	318	319	94	137	313	345	13	118	188	29
30	20	309	265	267	272	276	280	290	292	296	309	312	301	303	301	308	311	304	306	312	314	312	311	299	301
31	294	299	296	292	294	293	288	288	296	304	300	300	316	322	324	309	306	304	306	292	293	321	353	4	306
Prev	54	59	82	86	72	80	129	338	290	267	281	287	278	292	283	293	272	256	268	309	21	56	65	75	28

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
June 2013

Day	<< Hour >>																								Prev
	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	77	311	24	90	96	140	94	84	326	250	253	202	163	186	182	199	221	156	14	32	142	45	63	68	115
2	116	109	88	76	75	65	101	81	154	137	140	158	162	154	322	310	294	325	38	288	259	286	288	282	101
3	277	283	279	285	290	289	291	294	298	301	303	308	302	291	297	307	305	311	299	301	291	305	301	283	295
4	296	283	285	301	306	300	308	317	344	3	341	304	295	297	294	312	285	274	281	247	154	150	124	120	297
5	67	74	87	96	126	145	136	134	33	278	266	270	271	249	285	290	281	287	291	274	110	79	77	101	122
6	69	84	71	85	94	269	124	116	263	255	255	276	302	305	262	251	299	268	295	165	123	124	134	132	206
7	112	95	123	81	71	100	138	300	307	276	264	255	259	270	275	278	255	283	282	276	289	269	291	301	275
8	313	307	340	312	289	300	267	287	291	282	277	292	285	284	278	282	283	287	292	288	276	114	74	99	293
9	85	40	58	60	63	115	186	5	279	260	252	234	249	254	280	273	278	290	306	313	322	325	44	109	308
10	66	80	72	70	85	32	246	347	315	286	267	336	279	293	350	327	300	140	125	134	129	108	141	133	44
11	146	130	144	150	128	22	12	264	216	355	288	259	291	278	228	115	276	56	108	287	309	307	12	133	268
12	74	70	134	140	155	100	151	149	154	145	132	131	122	127	131	120	351	62	56	40	49	62	48	39	102
13	73	359	128	91	11	354	86	88	277	273	268	280	277	271	311	309	310	292	301	285	235	145	306	293	306
14	255	101	85	71	89	221	62	255	255	244	244	249	250	263	292	260	260	264	266	285	269	247	248	208	252
15	189	156	91	116	96	74	71	229	261	265	255	258	282	277	261	278	272	278	298	296	130	77	68	61	250
16	127	119	22	72	56	104	358	343	339	323	312	317	317	303	284	327	319	305	265	203	67	67	69	78	360
17	84	92	94	129	103	91	120	167	146	147	148	137	134	143	139	139	133	121	133	123	94	16	43	353	117
18	98	84	81	115	145	139	150	153	162	174	159	148	127	128	135	129	84	103	123	117	119	124	345	272	127
19	299	337	299	155	149	37	355	347	271	59	153	164	140	141	161	288	318	89	269	264	282	47	246	246	272
20	198	177	196	157	164	169	190	199	203	215	230	215	202	204	192	215	319	341	324	328	98	57	57	62	195
21	79	90	115	80	91	72	40	353	150	137	148	152	83	52	75	51	10	22	69	73	76	85	80	83	79
22	52	54	69	99	41	30	137	252	285	317	282	314	80	136	219	260	243	235	149	154	69	106	123	143	114
23	116	89	76	115	87	137	162	125	47	248	246	249	262	282	284	233	283	321	325	57	94	83	94	51	100
24	51	44	62	93	29	57	162	132	197	138	141	141	143	158	220	19	321	38	107	41	67	118	71	95	94
25	204	307	104	150	184	167	113	301	242	271	279	253	259	233	236	233	226	222	264	201	150	176	133	83	214
26	106	129	130	97	16	106	52	82	199	242	233	244	249	258	259	280	286	290	280	242	249	74	74	62	224
27	80	81	52	56	87	102	96	332	263	264	267	279	273	277	265	270	283	291	322	327	169	112	82	76	331
28	108	41	60	98	74	115	299	16	340	276	287	270	295	271	293	307	322	283	302	286	129	43	87	121	340
29	90	87	102	81	74	106	6	279	11	317	331	268	293	288	270	34	73	114	113	135	118	117	144	78	72
30	89	119	128	111	101	97	125	249	69	316	262	253	259	266	303	327	321	352	34	41	131	116	58	44	57
Prev	94	77	85	98	88	93	107	306	270	266	252	249	255	252	262	284	294	304	313	287	126	87	71	84	331

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
April 2013

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

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
May 2013

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

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
June 2013

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

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
April 2013

A-10

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	-2.7	-3.2	-4.3	-4.6	-4.9	-5.5	-6.5	-5.3	-2.2	3.7	5.5	6.2	6.9	7.7	8.4	8.9	8.9	8.4	6.9	5.2	5.2	4.2	3.0	0.9	2.1	8.9	-6.5
2	-0.6	-2.4	-3.7	-4.6	-5.0	-5.5	-5.8	-4.4	-0.7	3.6	7.6	8.9	10.2	11.4	12.2	12.6	12.9	12.7	11.2	7.3	3.3	1.5	-0.2	-0.6	3.4	12.9	-5.8
3	0.4	2.8	0.6	-0.1	-2.1	-2.4	-2.8	-2.1	2.3	6.6	7.7	8.0	8.5	8.8	8.7	9.1	9.5	9.6	8.4	5.1	4.6	3.8	2.9	1.5	4.1	9.6	-2.8
4	-0.5	-0.9	-1.2	-1.5	-1.6	-1.6	-2.2	-1.3	2.6	6.7	9.4	10.7	11.4	11.9	12.3	12.3	12.3	11.9	10.1	7.7	5.7	5.7	5.0	4.6	5.4	12.3	-2.2
5	3.9	2.4	0.6	0.0	-0.8	-1.2	0.8	4.3	4.5	5.4	6.2	7.2	7.6	8.2	9.2	9.2	9.0	8.5	8.0	6.8	5.4	4.8	3.9	3.6	4.9	9.2	-1.2
6	3.6	3.2	3.1	1.5	0.4	-0.1	-0.4	1.9	4.8	6.0	6.2	6.7	6.9	6.7	6.2	5.0	3.5	3.2	2.1	2.4	1.4	0.3	-0.2	0.0	3.1	6.9	-0.4
7	1.2	0.2	-0.6	-0.3	-0.7	-0.7	-0.2	0.0	0.7	1.7	2.6	4.2	4.5	4.6	2.7	2.3	3.3	3.2	1.1	0.3	-0.6	-2.7	-4.1	-4.9	0.7	4.6	-4.9
8	-5.3	-5.7	-6.0	-6.5	-6.8	-7.3	-7.6	-7.9	-7.3	-7.3	-6.5	-7.1	-8.1	-8.5	-8.6	-9.0	-9.5	-9.7	-9.9	-10.4	-11.0	-13.2	-14.8	-15.2	-8.7	-5.3	-15.2
9	-16.5	-16.9	-18.6	-19.2	-20.0	-19.6	-20.3	-19.4	-16.4	-11.5	-8.6	-6.9	-6.1	-5.2	-4.9	-4.1	-3.5	-3.3	-4.3	-6.4	-7.7	-8.5	-8.3	-8.6	-11.0	-3.3	-20.3
10	-9.5	-10.8	-11.4	-10.4	-10.9	-12.0	-11.0	-8.6	-6.0	-2.8	-0.6	0.6	2.0	3.4	4.7	5.7	6.1	6.4	5.4	4.2	4.1	4.2	4.2	3.0	-1.7	6.4	-12.0
11	2.5	2.6	2.5	2.2	1.6	1.2	1.0	1.0	1.4	2.5	3.2	4.6	5.2	5.5	5.0	5.2	4.8	4.0	3.0	1.9	1.3	0.6	-0.2	-1.0	2.6	5.5	-1.0
12	-1.4	-2.1	-2.6	-2.7	-3.0	-3.1	-3.3	-3.0	-2.1	-1.2	-0.5	0.6	1.7	2.6	3.6	4.0	4.8	5.2	4.4	3.3	2.9	2.2	1.8	1.1	0.6	5.2	-3.3
13	1.3	0.8	-0.5	-0.9	0.0	0.7	0.8	0.6	0.0	1.0	1.0	1.7	3.1	2.4	1.9	1.3	0.4	0.0	-1.8	-2.6	-3.4	-4.7	-5.5	-5.4	-0.3	3.1	-5.5
14	-5.2	-5.6	-5.2	-5.9	-6.6	-7.1	-7.2	-6.9	-6.8	-6.3	-5.4	-4.8	-4.3	-4.0	-4.2	-4.6	-5.0	-5.3	-6.3	-6.9	-7.5	-8.0	-8.4	-8.9	-6.1	-4.0	-8.9
15	-9.5	-10.0	-10.8	-11.5	-12.2	-12.1	-11.5	-10.0	-9.0	-7.6	-6.7	-5.8	-5.2	-5.1	-5.0	-4.7	-5.0	-5.4	-6.4	-7.5	-8.2	-8.7	-9.3	-10.7	-8.2	-4.7	-12.2
16	-12.1	-12.5	-13.2	-13.7	-14.3	-14.2	-12.8	-10.1	-7.8	-7.2	-6.4	-5.5	-4.9	-4.5	-4.7	-4.8	-4.9	-5.8	-6.8	-7.7	-8.0	-8.7	-9.5	-11.1	-8.8	-4.5	-14.3
17	-13.0	-13.8	-13.7	-13.6	-13.0	-13.0	-12.1	-9.7	-8.7	-7.8	-6.9	-6.1	-5.5	-4.6	-4.0	-3.6	-2.9	-3.0	-3.4	-4.6	-6.9	-9.1	-10.3	-11.4	-8.4	-2.9	-13.8
18	-12.0	-12.7	-13.3	-13.6	-14.0	-14.6	-13.7	-9.3	-3.8	-1.6	-0.1	1.4	2.3	3.2	3.9	4.9	4.5	4.6	3.9	3.5	2.8	2.2	0.8	-0.4	-3.0	4.9	-14.6
19	-0.4	-1.1	-1.4	-3.1	-4.4	-5.0	-5.0	-3.1	-1.4	-0.4	0.4	1.4	1.7	2.2	2.4	1.8	2.0	2.2	3.2	3.3	3.0	2.0	0.5	-0.6	0.0	3.3	-5.0
20	-1.9	-2.2	-3.2	-3.2	-3.1	-1.7	0.4	1.0	2.3	3.1	4.1	5.0	5.9	6.7	7.3	7.1	7.1	6.3	5.4	4.4	3.9	3.2	2.4	0.3	2.5	7.3	-3.2
21	-1.5	-2.7	-3.4	-4.0	-4.7	-5.3	-5.2	-4.8	-4.4	-3.8	-3.3	-3.5	-3.2	-2.5	-3.1	-4.7	-5.6	-6.6	-7.0	-7.4	-7.5	-7.9	-7.8	-7.8	-4.9	-1.5	-7.9
22	-8.0	-8.4	-8.7	-9.0	-8.8	-9.1	-9.1	-7.5	-6.4	-6.1	-6.5	-6.2	-5.3	-4.7	-4.5	-3.8	-2.8	-2.4	-2.9	-4.8	-7.6	-9.8	-11.0	-12.2	-6.9	-2.4	-12.2
23	-13.2	-13.7	-14.3	-14.8	-15.1	-15.3	-14.0	-9.7	-5.4	-2.8	-1.7	0.1	1.4	2.0	2.0	1.9	1.8	1.4	0.7	-0.6	-1.5	-1.6	-2.5	-3.9	-4.9	2.0	-15.3
24	-5.7	-6.4	-5.7	-4.8	-4.1	-3.8	-3.4	-3.0	-2.0	-0.1	1.2	2.9	4.3	5.4	6.7	8.0	8.7	8.7	8.0	6.8	6.0	5.8	5.3	5.0	1.8	8.7	-6.4
25	4.4	4.5	3.4	4.0	3.2	3.4	4.1	4.4	5.4	6.7	7.5	8.2	9.1	10.1	11.1	11.8	12.0	11.4	10.7	9.5	7.2	4.5	1.8	-0.3	6.6	12.0	-0.3
26	-1.5	-2.4	-3.2	-3.7	-4.2	-4.6	-3.2	1.0	7.2	8.9	10.3	11.4	12.5	13.4	14.4	15.2	15.4	15.1	14.0	11.9	7.6	4.1	3.1	1.5	6.0	15.4	-4.6
27	0.9	5.5	8.5	9.3	8.8	7.2	8.4	10.4	11.6	11.2	11.7	13.5	14.9	15.2	16.3	15.5	15.0	14.3	13.4	12.5	11.4	10.7	9.8	8.8	11.0	16.3	0.9
28	7.9	7.4	7.2	6.9	6.4	6.2	5.9	6.1	7.2	7.7	8.3	8.8	9.4	10.4	10.6	11.1	11.3	10.8	9.7	8.3	7.1	6.1	5.2	5.8	8.0	11.3	5.2
29	5.3	4.8	3.7	0.8	1.0	1.9	5.3	5.4	5.9	6.4	7.4	7.6	8.6	9.1	8.5	6.9	4.8	4.0	2.9	1.5	0.4	-0.4	-1.6	-2.8	4.1	9.1	-2.8
30	-3.1	-3.1	-3.9	-4.4	1.6	-4.4	-4.0	-3.6	-2.7	-2.8	-2.5	-1.7	-2.0	-1.1	-1.3	-1.3	-1.2	-1.7	-2.5	-3.6	-4.8	-6.4	-7.3	-7.8	-3.4	-1.1	-7.8
Avg	-3.1	-3.4	-4.0	-4.4	-4.8	-5.0	-4.5	-3.1	-1.2	0.4	1.5	2.4	3.1	3.7	3.9	4.0	3.9	3.6	2.7	1.4	0.3	-0.8	-1.7	-2.6	-0.3	4.8	-6.8
Max	7.9	7.4	8.5	9.3	8.8	7.2	8.4	10.4	11.6	11.2	11.7	13.5	14.9	15.2	16.3	15.5	15.4	15.1	14.0	12.5	11.4	10.7	9.8	8.8	11.0	16.3	5.2
Min	-16.5	-16.9	-18.6	-19.2	-20.0	-19.6	-20.3	-19.4	-16.4	-11.5	-8.6	-7.1	-8.1	-8.5	-8.6	-9.0	-9.5	-9.7	-9.9	-10.4	-11.0	-13.2	-14.8	-15.2	-11.0	-5.3	-20.3

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
May 2013

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	-8.1	-8.9	-9.2	-10.3	-10.5	-11.0	-9.1	-5.6	-2.9	-1.8	-1.0	0.1	0.6	0.3	1.4	1.1	2.9	2.7	2.0	1.2	-0.5	-3.0	-4.7	-5.8	-3.3	2.9	-11.0
2	-6.9	-7.8	-8.5	-9.7	-9.0	-9.8	-7.6	-2.6	2.3	4.2	5.5	7.4	8.9	10.3	11.5	11.6	11.6	12.2	12.1	9.4	4.9	1.6	-0.4	-1.7	2.1	12.2	-9.8
3	-2.1	-3.0	-2.9	-3.0	-3.3	-2.2	-0.8	1.1	5.3	6.1	6.3	4.9	5.9	4.8	5.4	5.2	5.3	4.6	3.6	2.8	2.1	1.9	1.7	1.7	2.1	6.3	-3.3
4	1.6	1.2	1.2	0.8	0.9	1.7	2.8	3.5	4.4	5.4	5.9	6.3	6.4	7.5	7.6	8.1	7.6	7.4	5.8	5.6	5.6	4.8	4.2	3.7	4.6	8.1	0.8
5	3.4	1.8	1.2	0.9	-1.4	-1.9	0.7	6.4	7.6	8.6	9.6	10.2	11.2	12.0	12.7	13.3	13.1	12.9	12.1	10.7	7.6	5.7	5.1	2.6	6.9	13.3	-1.9
6	0.9	0.7	0.3	0.3	-0.9	-2.1	0.0	5.1	10.9	12.3	13.4	14.3	15.4	16.0	16.6	17.2	17.0	16.7	16.4	13.8	12.6	11.5	10.6	8.8	9.5	17.2	-2.1
7	6.7	3.9	2.4	1.6	1.3	1.0	2.0	7.3	13.0	13.5	13.8	14.1	14.6	15.4	16.2	16.7	16.5	15.9	15.2	13.5	12.0	10.9	10.0	9.4	10.3	16.7	1.0
8	7.2	3.9	2.1	1.3	0.6	0.0	2.2	7.1	11.4	13.9	15.0	15.6	15.6	16.1	13.8	13.8	16.2	16.5	15.6	13.4	11.7	9.9	7.9	7.2	9.9	16.5	0.0
9	5.4	4.5	3.7	3.1	1.8	1.4	2.9	7.3	12.2	15.1	16.2	16.9	16.9	17.1	17.8	16.7	15.7	14.8	13.5	12.5	8.9	6.5	4.3	3.3	9.9	17.8	1.4
10	1.8	1.0	0.0	-0.4	-0.9	-1.2	3.9	8.3	8.2	9.1	8.9	10.0	11.6	13.1	14.6	15.2	15.3	14.8	14.0	11.7	9.2	6.9	5.8	5.2	7.8	15.3	-1.2
11	5.3	4.5	4.1	1.6	0.1	-1.8	1.1	6.8	11.4	13.7	14.9	16.0	17.1	18.5	18.9	19.5	19.4	18.8	18.7	17.1	13.7	10.3	8.1	6.0	11.0	19.5	-1.8
12	5.5	3.9	3.5	2.8	2.0	2.1	3.9	8.9	15.3	18.4	19.7	20.8	21.1	21.8	22.2	22.4	22.4	21.7	21.2	20.3	16.5	12.1	9.8	8.6	13.6	22.4	2.0
13	7.5	7.4	7.4	6.0	6.3	5.0	5.9	11.3	16.4	18.4	21.0	21.8	22.5	23.1	24.1	24.4	24.3	23.6	23.2	22.5	17.9	15.8	13.8	11.0	15.9	24.4	5.0
14	9.2	7.8	7.4	6.5	4.9	5.6	6.9	8.1	9.0	9.8	11.2	12.5	14.2	15.4	15.2	14.7	15.4	15.0	13.8	12.9	11.7	10.3	8.2	6.7	10.5	15.4	4.9
15	5.8	4.0	1.9	0.5	-1.2	-0.9	2.5	7.9	9.8	11.1	12.3	13.3	14.6	15.2	15.2	15.1	15.1	15.3	14.0	12.7	11.8	11.1	10.0	9.3	9.4	15.3	-1.2
16	7.7	7.0	6.5	5.2	4.5	4.7	5.5	6.2	8.1	9.9	11.5	12.0	8.4	9.4	11.7	12.9	12.1	9.4	8.0	7.5	7.1	6.5	5.4	4.5	8.0	12.9	4.5
17	3.5	2.5	2.1	1.6	0.4	0.5	1.4	3.9	7.3	9.6	10.5	10.3	9.8	9.3	9.7	9.4	8.9	8.3	7.7	7.3	7.0	6.6	6.3	5.8	6.2	10.5	0.4
18	5.8	5.9	5.9	5.8	5.9	5.8	5.9	6.5	7.4	8.1	8.2	8.9	9.6	10.1	10.6	10.7	10.0	8.8	8.1	7.8	6.9	6.2	6.4	6.6	7.6	10.7	5.8
19	6.3	6.2	6.3	6.0	5.7	5.8	5.9	6.1	6.0	6.0	5.9	6.1	6.5	7.0	7.4	7.6	7.9	7.6	7.0	7.1	7.0	6.7	6.2	6.1	6.5	7.9	5.7
20	6.2	6.4	6.2	6.2	6.0	5.9	6.1	6.8	7.5	7.6	7.4	7.5	7.0	7.3	8.7	10.2	10.6	10.8	9.2	8.5	7.3	6.2	4.5	2.5	7.2	10.8	2.5
21	1.4	0.6	-0.6	-1.2	-0.8	-0.7	1.9	6.8	10.4	11.8	12.7	13.6	14.2	14.8	15.4	15.5	15.2	14.6	13.2	11.4	9.8	9.0	7.9	6.8	8.5	15.5	-1.2
22	6.1	5.7	5.1	4.7	4.6	4.6	5.3	5.7	6.2	5.9	6.4	7.1	7.2	8.1	9.1	9.7	9.3	9.9	9.6	8.8	9.0	8.6	8.3	7.4	7.2	9.9	4.6
23	7.0	6.7	6.7	6.2	6.0	6.0	6.1	6.1	6.1	5.2	4.7	5.5	6.2	6.7	6.9	6.7	5.9	6.1	6.2	5.7	4.5	4.3	3.8	3.8	5.8	7.0	3.8
24	3.5	2.5	1.9	1.8	1.7	1.5	2.1	3.2	4.4	5.8	6.9	7.9	9.3	10.2	10.8	11.0	11.6	11.5	11.1	8.6	8.1	6.7	4.5	2.9	6.2	11.6	1.5
25	1.8	0.5	-0.1	-1.1	-2.0	-2.0	0.3	4.5	8.3	10.3	11.9	12.4	12.9	12.8	13.5	14.5	13.8	13.4	12.8	11.0	9.8	8.3	7.8	6.3	7.6	14.5	-2.0
26	5.4	5.4	4.4	4.2	3.0	2.9	4.2	7.8	11.4	12.5	12.9	13.6	14.5	14.3	15.1	15.2	14.8	11.0	10.0	9.6	7.1	5.7	4.9	3.3	8.9	15.2	2.9
27	2.6	2.1	1.3	0.4	0.0	-0.4	0.8	4.8	7.2	7.7	7.1	6.2	7.8	8.2	8.2	9.7	10.3	10.9	11.4	10.3	6.5	4.9	3.8	2.8	5.6	11.4	-0.4
28	2.9	2.0	2.8	3.1	3.6	3.9	4.7	5.7	6.0	6.0	6.3	7.6	8.4	9.1	8.0	8.8	9.8	10.4	9.8	8.6	7.8	7.3	5.9	5.1	6.4	10.4	2.0
29	5.1	5.1	5.0	5.0	4.9	4.5	4.9	5.5	6.9	8.3	8.9	8.7	8.3	8.0	8.1	7.9	8.2	8.6	8.8	8.4	8.1	7.2	6.5	6.1	7.0	8.9	4.5
30	5.8	6.2	6.1	4.9	4.5	4.6	4.4	4.2	4.1	4.4	4.9	5.7	6.0	6.4	6.7	6.2	5.7	5.9	5.9	6.0	5.6	5.1	4.7	4.3	5.3	6.7	4.1
31	4.3	4.2	3.4	2.9	2.7	2.6	2.8	3.0	3.7	4.3	5.2	5.7	6.1	6.3	6.0	5.7	5.2	4.5	4.4	4.3	4.0	3.8	3.9	3.5	4.3	6.3	2.6
Avg	3.8	3.0	2.5	1.9	1.3	1.2	2.6	5.4	7.9	9.1	9.8	10.4	10.9	11.4	11.9	12.2	12.2	11.8	11.1	10.0	8.4	7.1	6.0	5.0	7.4	12.7	0.8
Max	9.2	7.8	7.4	6.5	6.3	6.0	6.9	11.3	16.4	18.4	21.0	21.8	22.5	23.1	24.1	24.4	24.3	23.6	23.2	22.5	17.9	15.8	13.8	11.0	15.9	24.4	5.8
Min	-8.1	-8.9	-9.2	-10.3	-10.5	-11.0	-9.1	-5.6	-2.9	-1.8	-1.0	0.1	0.6	0.3	1.4	1.1	2.9	2.7	2.0	1.2	-0.5	-3.0	-4.7	-5.8	-3.3	2.9	-11.0

A-11

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
June 2013

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	3.5	3.4	3.4	3.3	3.3	3.4	3.7	5.4	7.2	8.7	9.7	10.9	11.7	12.8	13.2	13.5	13.6	13.9	13.4	12.0	11.4	10.4	10.1	9.1	8.8	13.9	3.3
2	8.4	8.6	8.4	7.8	7.0	7.1	7.7	10.0	11.5	13.1	13.9	14.0	13.3	12.2	9.3	9.7	9.2	8.2	7.1	6.6	6.6	6.3	6.0	5.8	9.1	14.0	5.8
3	5.3	4.7	4.1	3.2	2.4	1.9	1.5	2.3	3.5	3.8	4.2	3.9	4.3	4.7	4.6	4.9	4.4	4.3	4.2	3.8	3.2	2.7	2.2	1.9	3.6	5.3	1.5
4	1.6	1.7	1.7	1.6	1.4	1.4	1.9	2.3	3.1	3.7	4.3	4.8	5.5	6.7	7.6	7.9	8.7	8.7	8.7	7.7	5.3	4.3	3.7	1.7	4.4	8.7	1.4
5	0.2	-0.5	-1.6	-2.3	-2.8	-3.0	-0.2	4.7	8.1	10.4	11.6	12.8	13.6	14.7	15.7	16.4	16.8	17.0	17.0	15.5	10.7	8.6	7.1	5.4	8.2	17.0	-3.0
6	5.0	3.9	3.3	2.7	2.3	2.6	5.4	10.3	14.3	15.2	16.0	16.9	17.4	18.3	19.0	19.5	19.7	20.0	19.9	17.9	15.9	14.4	13.2	11.9	12.7	20.0	2.3
7	10.7	8.7	6.2	5.9	5.7	5.2	7.5	11.5	15.9	17.4	18.4	19.6	19.5	19.4	19.1	19.5	19.4	18.8	18.8	18.1	16.1	12.6	12.6	11.2	14.1	19.6	5.2
8	10.8	11.7	10.0	8.8	8.6	8.5	8.7	10.8	12.3	13.5	14.6	15.3	16.1	17.0	18.1	18.5	19.0	18.8	18.0	17.3	16.3	12.2	8.5	6.8	13.3	19.0	6.8
9	5.2	4.0	3.7	2.5	2.2	1.6	5.4	11.3	14.6	15.7	17.3	18.5	19.7	20.9	21.7	22.6	22.7	22.2	20.7	19.0	17.3	15.2	12.9	9.1	13.6	22.7	1.6
10	6.1	4.4	3.9	2.4	0.6	1.3	4.4	9.8	13.7	15.0	15.9	17.0	18.4	19.2	20.1	20.9	21.3	20.0	18.9	17.6	16.2	15.2	14.2	13.9	12.9	21.3	0.6
11	13.3	12.4	11.8	11.3	10.3	10.1	10.9	13.3	14.3	12.2	12.2	12.1	14.2	15.4	14.8	14.2	13.6	12.4	12.7	11.7	10.8	10.0	8.5	7.8	12.1	15.4	7.8
12	7.2	7.1	7.2	5.5	4.4	4.2	9.6	12.6	13.3	13.8	14.1	15.4	17.3	19.0	19.0	16.7	13.4	10.2	10.6	10.7	10.7	11.6	10.7	9.7	11.4	19.0	4.2
13	9.8	7.8	9.7	8.9	6.0	6.1	7.3	9.7	10.9	9.7	11.2	12.5	13.1	12.6	10.2	8.7	9.8	8.7	9.1	8.1	7.5	7.3	7.0	7.0	9.1	13.1	6.0
14	6.0	3.9	2.3	1.5	1.2	1.6	2.5	5.1	6.9	7.7	8.3	8.8	9.2	9.6	9.9	11.5	11.7	11.3	10.8	9.8	8.6	7.4	7.1	5.6	7.0	11.7	1.2
15	5.0	5.0	2.9	1.2	-0.5	0.1	3.6	8.4	9.9	11.3	12.5	13.5	14.5	15.5	16.3	17.1	17.5	17.7	17.3	15.7	10.5	7.8	6.0	3.5	9.7	17.7	-0.5
16	3.0	2.0	1.5	0.9	0.2	0.6	3.7	8.7	13.3	15.2	15.9	16.8	17.4	17.9	18.2	17.8	18.4	18.7	18.1	16.3	13.9	12.2	11.5	10.9	11.4	18.7	0.2
17	9.8	7.2	6.4	5.6	5.9	6.6	10.3	13.5	15.0	15.9	16.9	18.2	19.4	20.2	20.7	19.9	19.0	20.0	19.7	18.7	17.4	16.9	16.3	14.0	14.7	20.7	5.6
18	13.8	13.8	13.0	14.1	11.8	11.5	14.1	15.7	17.8	19.9	21.3	23.1	24.8	25.2	23.2	21.5	20.9	21.2	21.4	21.3	20.8	20.2	18.6	16.5	18.6	25.2	11.5
19	13.9	12.5	11.5	8.9	7.3	6.6	10.0	12.5	15.4	18.3	20.3	21.2	22.3	22.4	17.3	14.5	14.3	12.0	7.6	7.4	7.2	6.5	6.2	6.0	12.6	22.4	6.0
20	5.7	5.5	5.7	5.4	5.3	5.9	6.7	7.8	7.5	7.5	7.9	7.8	6.5	8.3	10.2	11.7	10.4	11.1	11.1	9.5	6.9	5.6	4.7	4.2	7.5	11.7	4.2
21	4.5	4.5	3.6	2.2	1.5	1.3	2.9	7.2	10.7	11.4	11.5	11.5	9.3	9.4	10.3	10.3	11.7	12.2	12.3	11.1	8.2	6.0	4.6	3.9	7.6	12.3	1.3
22	3.4	3.1	2.8	1.6	1.5	2.4	3.2	4.6	8.2	9.3	9.6	8.8	8.3	9.8	10.7	10.6	10.8	8.6	8.8	7.7	7.3	6.6	6.7	5.9	6.7	10.8	1.5
23	4.9	3.2	2.3	1.3	0.3	0.0	2.1	6.7	10.3	12.0	12.9	13.7	14.8	15.8	16.2	16.6	16.9	16.8	16.8	15.7	12.3	11.1	10.4	9.8	10.1	16.9	0.0
24	9.1	7.6	6.9	5.8	5.7	5.9	7.5	11.9	15.9	18.2	19.0	19.5	20.2	20.6	18.5	16.7	15.7	14.2	14.6	13.9	12.3	11.3	10.7	9.9	13.0	20.6	5.7
25	10.3	10.6	9.8	9.1	8.6	8.2	7.9	11.2	13.2	13.7	14.0	15.2	16.6	17.2	17.7	18.6	19.0	18.2	16.0	14.6	12.1	12.3	11.0	11.2	13.2	19.0	7.9
26	10.5	9.9	9.3	8.9	8.2	8.5	10.0	12.4	13.7	15.1	15.5	16.4	17.4	18.0	18.5	18.1	17.7	16.4	16.5	15.7	13.2	11.1	8.8	7.6	13.2	18.5	7.6
27	6.7	6.1	6.1	5.7	5.0	5.1	8.5	13.3	16.0	17.7	18.8	19.7	20.8	21.7	22.7	23.1	23.6	23.4	22.5	20.3	17.5	14.5	12.8	11.1	15.1	23.6	5.0
28	8.7	8.4	7.5	6.7	6.4	6.2	9.2	14.0	18.6	20.9	22.0	22.8	23.4	24.1	24.6	25.1	25.5	25.7	25.3	23.0	18.7	16.5	14.8	14.2	17.2	25.7	6.2
29	12.2	11.4	10.8	10.2	9.9	9.5	12.7	16.4	19.8	21.8	23.3	24.9	25.6	26.3	26.5	23.3	15.6	17.7	20.2	19.3	17.6	15.7	13.8	12.2	17.4	26.5	9.5
30	11.2	10.1	8.8	8.7	8.1	8.5	11.0	14.4	15.7	18.5	21.1	22.9	23.7	24.5	25.4	25.7	25.7	25.4	24.8	23.2	21.1	17.6	14.7	14.3	17.7	25.7	8.1
Avg	7.5	6.8	6.1	5.3	4.6	4.6	6.7	9.9	12.4	13.6	14.5	15.3	15.9	16.6	16.6	16.5	16.2	15.8	15.4	14.3	12.5	11.0	9.8	8.7	11.5	17.9	4.2
Max	13.9	13.8	13.0	14.1	11.8	11.5	14.1	16.4	19.8	21.8	23.3	24.9	25.6	26.3	26.5	25.7	25.7	25.7	25.3	23.2	21.1	20.2	18.6	16.5	18.6	26.5	11.5
Min	0.2	-0.5	-1.6	-2.3	-2.8	-3.0	-0.2	2.3	3.1	3.7	4.2	3.9	4.3	4.7	4.6	4.9	4.4	4.3	4.2	3.8	3.2	2.7	2.2	1.7	3.6	5.3	-3.0

A-12

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
April 2013

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	-3.4	-4.1	-5.0	-5.2	-5.3	-6.4	-7.2	-5.6	-2.2	3.4	5.3	5.8	6.4	7.5	8.2	8.9	8.2	7.3	5.6	4.7	4.6	3.4	1.8	-0.1	1.5	8.9	-7.2
2	-1.1	-3.0	-4.2	-6.0	-6.2	-6.3	-6.3	-4.4	-0.6	4.1	7.9	9.3	10.5	11.6	12.3	12.7	12.7	12.2	9.8	5.6	2.9	1.0	-1.1	-1.3	3.0	12.7	-6.3
3	-0.7	0.7	-1.0	-1.8	-2.6	-2.7	-3.3	-2.2	2.5	6.8	7.9	8.1	8.9	9.4	9.1	9.6	9.8	9.8	7.5	4.6	4.0	3.1	2.4	0.8	3.8	9.8	-3.3
4	-0.8	-1.3	-1.4	-1.9	-1.8	-2.0	-2.3	-1.2	2.8	7.0	9.8	11.3	11.9	12.4	12.6	12.6	12.3	11.6	9.8	7.3	5.4	5.0	4.6	4.1	5.3	12.6	-2.3
5	3.2	1.6	0.1	-0.5	-1.3	-1.8	0.1	4.0	4.6	5.8	6.9	8.1	8.0	8.8	9.8	9.5	8.9	8.3	7.7	6.3	4.9	4.3	3.5	3.1	4.7	9.8	-1.8
6	2.7	2.4	2.4	0.5	-0.2	-0.7	-0.5	2.0	5.1	6.4	6.6	7.3	7.4	7.5	6.8	5.1	3.6	3.2	1.6	2.0	0.7	-0.1	-0.4	-0.4	3.0	7.5	-0.7
7	0.5	-0.6	-1.1	-0.7	-0.8	-0.7	-0.2	0.0	0.8	1.9	3.0	4.5	5.0	5.2	2.9	2.6	3.6	3.3	1.1	0.3	-0.6	-2.7	-4.0	-4.8	0.8	5.2	-4.8
8	-5.3	-5.7	-6.1	-6.6	-6.8	-7.3	-7.7	-7.8	-7.3	-7.2	-6.1	-6.8	-7.7	-8.0	-8.1	-8.6	-9.2	-9.4	-10.0	-10.8	-11.7	-14.4	-15.7	-16.2	-8.8	-5.3	-16.2
9	-17.5	-18.2	-19.7	-20.9	-21.1	-20.8	-21.3	-20.2	-16.7	-11.1	-8.5	-6.6	-5.9	-4.7	-4.5	-3.7	-3.1	-2.8	-4.2	-6.6	-7.7	-8.3	-8.1	-8.6	-11.3	-2.8	-21.3
10	-9.6	-11.1	-11.5	-10.3	-11.2	-12.6	-10.8	-8.4	-5.7	-2.4	0.0	1.3	2.8	4.3	5.6	6.3	6.5	6.5	5.2	3.8	3.7	3.6	3.8	2.5	-1.6	6.5	-12.6
11	2.0	2.2	2.3	2.0	1.5	1.1	0.9	1.2	1.8	3.1	3.9	5.7	6.3	6.3	5.4	5.5	5.1	4.0	2.9	1.7	1.1	0.3	-0.4	-1.3	2.7	6.3	-1.3
12	-1.5	-2.1	-2.7	-2.8	-3.3	-3.1	-3.6	-3.0	-1.7	-0.7	0.2	1.5	2.6	3.4	4.4	4.6	5.4	5.7	4.2	2.7	2.8	2.1	1.7	1.0	0.7	5.7	-3.6
13	1.2	0.7	-0.4	-0.8	0.0	0.7	0.7	0.6	0.2	1.0	1.1	2.2	4.1	3.0	2.9	1.9	0.7	0.3	-1.9	-2.9	-4.1	-5.5	-5.9	-5.6	-0.2	4.1	-5.9
14	-5.3	-5.7	-5.2	-6.0	-6.7	-7.2	-7.1	-6.6	-6.3	-5.6	-4.4	-3.7	-3.2	-3.1	-3.5	-3.9	-4.2	-4.6	-6.0	-6.8	-7.4	-7.8	-8.3	-8.8	-5.7	-3.1	-8.8
15	-9.5	-10.0	-11.0	-11.7	-12.3	-12.0	-11.3	-9.8	-8.6	-7.1	-6.0	-5.1	-4.6	-4.4	-4.3	-3.9	-4.0	-4.7	-6.2	-7.6	-8.3	-8.9	-9.6	-10.9	-8.0	-3.9	-12.3
16	-12.0	-12.7	-13.3	-13.6	-14.4	-14.0	-12.6	-9.7	-7.3	-6.5	-5.6	-4.9	-4.3	-3.9	-4.1	-4.1	-4.1	-5.2	-6.6	-7.8	-8.1	-9.1	-10.0	-11.5	-8.6	-3.9	-14.4
17	-13.1	-13.9	-13.6	-13.4	-12.9	-12.8	-11.9	-9.2	-8.1	-7.1	-6.2	-5.2	-4.7	-3.9	-3.0	-3.0	-2.0	-2.3	-3.1	-5.5	-6.9	-9.0	-10.2	-11.3	-8.0	-2.0	-13.9
18	-11.9	-12.7	-13.4	-13.7	-14.1	-15.0	-13.6	-9.0	-3.1	-0.5	1.0	2.7	3.8	4.4	4.6	5.9	5.0	4.9	3.7	2.9	2.4	2.0	-0.2	-0.8	-2.7	5.9	-15.0
19	-0.9	-1.7	-1.9	-4.0	-5.0	-5.5	-5.1	-3.0	-1.2	-0.1	0.8	1.9	2.0	2.3	2.4	1.9	2.1	2.4	3.0	2.9	2.7	1.7	-0.2	-1.4	-0.2	3.0	-5.5
20	-2.4	-2.8	-3.7	-3.8	-3.1	-1.8	0.3	1.0	2.2	3.0	4.1	5.2	6.1	6.9	7.9	7.5	7.5	6.4	5.1	4.0	3.5	3.0	2.2	0.3	2.4	7.9	-3.8
21	-1.5	-2.6	-3.3	-3.9	-4.6	-5.1	-5.0	-4.4	-3.9	-3.1	-2.6	-2.8	-2.5	-1.9	-2.7	-4.5	-5.4	-6.4	-6.9	-7.3	-7.5	-7.8	-7.9	-7.9	-4.6	-1.5	-7.9
22	-8.0	-8.5	-8.9	-9.1	-8.9	-9.4	-9.2	-7.3	-5.9	-5.4	-5.8	-5.7	-4.8	-3.8	-3.6	-2.9	-2.0	-1.6	-2.5	-5.5	-7.9	-9.6	-10.8	-12.1	-6.6	-1.6	-12.1
23	-13.0	-13.6	-14.1	-14.6	-14.8	-15.0	-13.6	-9.4	-5.0	-1.8	-0.7	1.2	2.8	3.1	2.8	2.6	2.3	1.6	0.8	-1.2	-1.8	-1.8	-3.1	-4.6	-4.6	3.1	-15.0
24	-5.8	-6.6	-6.1	-4.8	-4.1	-3.8	-3.4	-2.7	-1.6	0.4	1.9	3.8	5.3	6.7	7.9	9.0	9.5	9.0	8.0	6.2	5.4	4.9	4.2	4.2	2.0	9.5	-6.6
25	3.4	3.9	2.6	3.4	2.2	2.9	4.1	4.7	6.0	7.7	8.6	9.2	10.1	11.0	12.2	12.9	12.7	11.8	10.6	8.6	5.9	3.0	1.2	-0.8	6.6	12.9	-0.8
26	-2.4	-3.4	-4.4	-4.8	-5.1	-5.5	-3.3	1.4	7.9	9.9	11.5	12.8	13.9	14.7	15.7	16.4	16.3	15.5	13.8	11.0	6.5	3.6	2.8	0.8	6.1	16.4	-5.5
27	-0.5	4.0	7.4	8.7	7.6	5.8	7.7	10.8	12.3	11.7	12.3	14.3	15.9	16.0	17.3	16.0	15.2	14.3	13.3	12.2	10.9	10.3	9.5	8.6	10.9	17.3	-0.5
28	7.7	7.2	7.0	6.8	6.3	6.0	5.9	6.5	8.1	8.5	9.4	9.6	10.5	11.6	11.5	12.2	12.1	11.5	9.8	7.9	6.7	5.7	4.7	5.4	8.3	12.2	4.7
29	4.8	4.0	2.0	-0.4	-0.6	0.7	5.2	5.7	6.3	6.9	8.2	8.7	10.0	10.3	9.6	8.0	5.5	4.6	3.1	1.3	0.0	-0.5	-1.6	-2.8	4.1	10.3	-2.8
30	-3.1	-3.1	-4.0	-4.8	-5.2	-4.6	-3.8	-3.2	-2.0	-2.0	-1.5	-0.5	-0.9	0.0	-0.4	-0.5	-0.4	-1.2	-2.2	-3.8	-5.5	-7.4	-8.0	-8.1	-3.2	0.0	-8.1
Avg	-3.5	-3.9	-4.4	-4.8	-5.2	-5.3	-4.6	-3.0	-0.9	0.9	2.1	3.1	3.9	4.4	4.6	4.6	4.4	3.9	2.6	1.0	-0.1	-1.2	-2.1	-2.9	-0.3	5.5	-7.2
Max	7.7	7.2	7.4	8.7	7.6	6.0	7.7	10.8	12.3	11.7	12.3	14.3	15.9	16.0	17.3	16.4	16.3	15.5	13.8	12.2	10.9	10.3	9.5	8.6	10.9	17.3	4.7
Min	-17.5	-18.2	-19.7	-20.9	-21.1	-20.8	-21.3	-20.2	-16.7	-11.1	-8.5	-6.8	-7.7	-8.0	-8.1	-8.6	-9.2	-9.4	-10.0	-10.8	-11.7	-14.4	-15.7	-16.2	-11.3	-5.3	-21.3

A-13

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
May 2013

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	-8.3	-9.1	-9.3	-10.7	-10.8	-11.2	-9.0	-5.3	-2.2	-0.9	-0.2	1.2	1.7	1.3	2.6	1.8	3.9	3.3	2.0	0.7	-1.3	-4.1	-5.5	-6.5	-3.2	3.9	-11.2
2	-8.4	-8.7	-9.7	-10.6	-9.6	-10.3	-7.4	-2.3	3.1	5.2	6.7	8.7	10.2	11.6	12.8	12.8	12.1	12.6	12.2	8.4	3.8	1.1	-1.1	-2.5	2.1	12.8	-10.6
3	-3.1	-3.8	-4.0	-4.1	-4.0	-2.6	-0.6	1.3	5.8	6.7	6.8	5.2	6.4	5.1	5.7	5.4	5.7	4.8	3.8	2.9	2.1	1.8	1.6	1.4	2.1	6.8	-4.1
4	1.5	1.2	1.1	0.7	0.8	1.5	2.8	3.7	4.8	5.9	6.5	6.7	7.0	8.2	8.4	8.7	8.0	7.9	6.2	5.7	5.6	4.5	3.9	3.3	4.8	8.7	0.7
5	2.9	0.1	-0.2	-0.7	-2.6	-3.4	0.4	6.9	8.5	9.5	10.7	11.8	12.9	13.7	14.3	14.6	14.3	13.6	12.3	10.5	7.1	5.0	3.5	0.9	6.9	14.6	-3.4
6	0.0	0.1	-1.1	-0.6	-2.4	-3.1	-0.3	5.5	11.6	13.2	14.1	15.1	16.3	16.8	17.3	18.1	17.4	16.9	16.5	13.0	11.7	10.8	8.8	7.0	9.3	18.1	-3.1
7	4.8	2.5	1.7	0.9	0.8	0.6	2.0	7.7	13.6	14.6	15.3	15.6	16.2	16.8	17.5	17.7	17.4	16.5	15.4	13.3	11.3	10.6	9.7	9.0	10.5	17.7	0.6
8	5.9	2.6	0.9	0.3	-0.5	-1.4	2.4	7.5	11.9	14.5	15.9	16.3	16.2	16.6	14.3	14.2	17.0	17.1	15.7	13.0	10.9	8.9	6.7	5.7	9.7	17.1	-1.4
9	5.0	4.2	3.0	2.1	0.7	0.1	3.0	7.7	12.7	15.9	17.2	18.0	17.6	17.6	18.3	17.3	15.9	14.2	13.5	12.0	8.5	6.1	3.7	2.6	9.9	18.3	0.1
10	0.6	-0.1	-1.3	-1.9	-2.1	-2.5	3.5	8.8	9.2	10.1	10.0	11.2	13.0	14.4	15.6	16.3	16.4	15.7	14.3	11.4	9.0	6.5	5.1	4.5	7.8	16.4	-2.5
11	4.8	4.1	3.2	0.5	-0.4	-3.0	1.3	7.1	11.9	14.4	15.9	17.1	18.3	19.8	19.8	20.5	20.0	18.9	18.4	16.1	12.6	10.2	8.0	5.3	11.0	20.5	-3.0
12	4.8	3.0	2.4	1.7	0.9	0.9	4.0	9.3	15.9	19.5	20.7	22.0	22.0	22.9	23.1	23.3	22.7	21.6	20.9	18.9	14.6	11.5	9.5	8.2	13.5	23.3	0.9
13	6.7	6.2	6.8	5.3	5.7	4.3	5.9	11.6	16.9	19.3	22.2	23.0	23.7	24.0	25.2	25.2	25.1	23.7	22.9	22.1	17.0	15.4	13.4	10.7	15.9	25.2	4.3
14	8.8	7.4	7.0	5.9	3.9	5.0	7.2	8.8	9.9	11.1	12.5	13.9	15.7	16.9	16.5	15.5	16.2	15.5	13.7	12.6	10.9	9.7	7.5	6.1	10.8	16.9	3.9
15	5.0	3.4	0.8	-0.4	-2.0	-1.4	2.9	8.5	10.4	12.1	13.2	14.3	15.5	16.2	15.8	15.6	15.4	15.7	13.8	12.6	11.6	10.5	9.5	8.9	9.5	16.2	-2.0
16	7.2	6.9	6.3	4.9	4.5	4.6	5.5	6.4	8.5	10.4	11.9	12.6	8.6	9.8	12.2	13.5	12.4	9.5	8.1	7.6	7.2	6.4	5.4	4.4	8.1	13.5	4.4
17	3.2	2.4	2.0	1.4	0.0	0.4	1.6	4.1	7.6	9.9	10.8	10.9	10.3	9.6	9.9	9.6	9.0	8.4	7.8	7.4	7.1	6.6	6.4	5.9	6.3	10.9	0.0
18	5.9	6.0	6.0	5.9	5.9	5.9	6.1	6.8	7.7	8.5	8.6	9.5	10.4	11.1	11.6	11.3	10.4	8.9	8.2	7.8	6.9	6.2	6.4	6.6	7.9	11.6	5.9
19	6.2	6.2	6.2	5.9	5.6	5.8	5.9	6.3	6.1	6.2	6.1	6.4	6.9	7.3	7.6	7.8	8.1	7.7	7.1	7.0	6.9	6.6	6.1	6.1	6.6	8.1	5.6
20	6.2	6.3	6.1	6.1	5.9	5.9	6.1	7.1	7.9	7.8	7.8	7.8	7.1	7.6	9.4	10.9	11.0	11.1	9.4	8.5	7.1	6.2	4.5	1.9	7.3	11.1	1.9
21	1.1	0.2	-1.5	-1.9	-1.6	-1.4	2.0	7.2	11.0	12.5	13.6	14.5	15.4	16.1	16.5	16.3	15.8	15.0	13.3	11.4	9.8	9.0	7.9	6.9	8.7	16.5	-1.9
22	6.2	5.8	5.0	4.6	4.6	4.6	5.6	6.4	7.2	6.7	7.2	7.8	7.5	8.6	9.5	9.9	9.4	10.0	9.6	8.8	9.0	8.6	8.3	7.4	7.4	10.0	4.6
23	7.0	6.8	6.8	6.2	6.0	6.0	6.2	6.2	6.3	5.5	5.1	6.0	6.6	7.1	7.4	7.0	6.1	6.3	6.3	5.8	4.6	4.4	3.9	3.9	6.0	7.4	3.9
24	3.6	2.6	2.0	1.9	1.7	1.5	2.3	3.5	4.9	6.5	7.9	8.7	10.4	11.3	11.8	12.0	12.3	11.8	10.8	8.5	7.7	5.9	4.1	2.6	6.5	12.3	1.5
25	1.3	0.0	-0.3	-1.3	-2.6	-2.6	0.5	4.8	8.7	10.9	12.3	13.0	13.3	13.1	13.9	15.2	14.0	13.7	12.7	10.7	9.1	7.8	7.5	5.8	7.6	15.2	-2.6
26	5.3	5.3	4.0	3.8	2.4	2.6	4.4	8.1	12.0	13.3	13.8	14.4	15.2	14.7	15.5	15.6	14.9	10.7	10.0	9.5	7.0	5.7	4.6	3.0	9.0	15.6	2.4
27	2.5	2.0	1.0	0.3	0.0	-0.4	1.1	5.1	7.4	8.2	7.7	6.4	8.5	8.7	8.7	10.3	10.8	11.3	11.8	10.0	6.1	4.7	3.7	2.8	5.8	11.8	-0.4
28	2.7	1.9	2.8	3.1	3.7	3.9	4.8	5.8	6.2	6.1	6.6	8.2	8.8	9.6	8.4	9.2	10.2	10.7	9.9	8.4	7.6	7.2	5.8	5.2	6.5	10.7	1.9
29	5.2	5.1	5.1	5.0	4.9	4.5	5.0	5.6	7.1	8.6	9.4	9.3	8.8	8.4	8.4	8.2	8.5	8.8	8.9	8.4	7.9	7.0	6.3	5.9	7.1	9.4	4.5
30	5.6	6.2	6.1	4.9	4.5	4.6	4.5	4.4	4.4	4.7	5.4	6.1	6.4	6.9	7.1	6.5	6.0	6.1	5.9	5.9	5.5	5.0	4.6	4.3	5.5	7.1	4.3
31	4.3	4.1	3.4	2.9	2.7	2.6	3.0	3.2	4.1	4.7	5.7	6.3	6.6	6.8	6.4	6.1	5.4	4.7	4.5	4.3	4.0	3.9	3.9	3.5	4.5	6.8	2.6
Avg	3.4	2.6	2.0	1.4	0.9	0.7	2.7	5.7	8.4	9.7	10.6	11.2	11.7	12.2	12.6	12.8	12.6	12.0	11.2	9.8	8.0	6.8	5.6	4.5	7.5	13.4	0.3
Max	8.8	7.4	7.0	6.2	6.0	6.0	7.2	11.6	16.9	19.5	22.2	23.0	23.7	24.0	25.2	25.2	25.1	23.7	22.9	22.1	17.0	15.4	13.4	10.7	15.9	25.2	5.9
Min	-8.4	-9.1	-9.7	-10.7	-10.8	-11.2	-9.0	-5.3	-2.2	-0.9	-0.2	1.2	1.7	1.3	2.6	1.8	3.9	3.3	2.0	0.7	-1.3	-4.1	-5.5	-6.5	-3.2	3.9	-11.2

A-14

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
June 2013

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	3.5	3.4	3.5	3.4	3.4	3.5	3.9	5.7	7.7	9.2	10.3	11.7	12.6	13.8	14.1	14.1	14.0	14.2	13.5	11.8	11.3	10.1	9.5	8.6	9.0	14.2	3.4
2	7.8	8.3	8.1	7.8	7.1	7.1	7.9	10.3	12.0	13.8	14.6	14.4	13.7	12.4	9.5	10.0	9.3	8.2	7.2	6.7	6.6	6.4	6.1	5.8	9.2	14.6	5.8
3	5.3	4.8	4.1	3.3	2.5	2.0	1.7	2.5	3.7	4.2	4.7	4.3	5.0	5.3	5.2	5.3	4.8	4.7	4.5	3.9	3.2	2.6	2.1	1.8	3.8	5.3	1.7
4	1.6	1.7	1.8	1.7	1.5	1.6	2.1	2.7	3.5	4.6	5.0	5.7	6.6	7.9	8.8	8.6	9.8	9.6	9.3	7.8	5.2	4.0	3.2	0.8	4.8	9.8	0.8
5	0.0	-0.8	-2.2	-3.1	-3.7	-3.1	0.0	5.0	8.6	11.1	12.6	13.8	14.6	15.8	16.7	17.4	17.7	17.7	17.4	15.2	10.5	8.6	7.0	4.7	8.4	17.7	-3.7
6	4.8	3.1	2.6	2.0	1.3	2.4	5.6	10.7	15.0	16.0	17.0	18.0	18.5	19.4	19.8	20.3	20.5	20.6	20.3	17.4	15.7	14.1	12.2	10.2	12.8	20.6	1.3
7	9.2	8.6	5.5	5.2	5.2	4.9	7.8	11.9	16.6	18.3	19.4	20.9	20.7	20.2	19.3	19.7	19.5	18.7	18.7	17.8	15.6	12.1	12.1	9.9	14.1	20.9	4.9
8	9.8	11.4	9.1	8.4	8.4	8.4	8.8	11.2	12.9	14.4	15.8	16.5	17.2	18.1	19.1	19.5	19.8	19.2	17.7	16.7	14.7	11.1	8.0	6.4	13.4	19.8	6.4
9	4.7	3.4	3.2	1.8	1.5	1.3	5.7	11.9	15.3	16.6	18.3	19.6	20.8	22.0	22.7	23.4	23.2	22.4	20.5	18.3	15.5	12.5	11.1	8.0	13.5	23.4	1.3
10	5.3	3.4	3.6	1.6	-0.5	1.1	4.7	10.2	14.4	15.8	16.8	17.9	19.4	20.1	21.0	21.7	21.8	20.4	19.1	17.6	16.0	14.9	13.7	13.7	13.1	21.8	-0.5
11	13.1	12.3	11.5	10.9	9.7	9.6	11.1	13.7	14.6	12.4	12.7	12.4	15.2	16.5	15.1	14.7	13.9	12.6	12.8	11.8	10.8	9.6	8.0	7.5	12.2	16.5	7.5
12	6.8	7.0	6.6	4.5	3.4	3.9	9.6	13.0	13.9	15.0	15.2	16.5	18.2	20.0	19.7	16.7	13.2	10.2	10.6	10.7	10.6	11.3	10.4	9.3	11.5	20.0	3.4
13	9.4	7.1	8.7	7.9	5.5	6.2	7.5	9.9	11.5	10.4	11.9	13.6	14.2	13.3	10.5	8.9	10.1	9.1	9.5	8.1	7.5	7.3	7.0	6.9	9.3	14.2	5.5
14	5.5	3.3	2.1	1.5	1.2	1.7	2.6	5.5	7.6	8.5	9.1	9.8	10.0	10.3	10.7	12.3	12.5	11.7	10.9	9.5	7.8	5.8	6.0	4.3	7.1	12.5	1.2
15	3.7	3.1	1.4	0.3	-0.8	0.1	3.9	8.8	10.6	12.3	13.6	14.7	15.7	16.7	17.4	18.0	18.2	18.3	17.4	15.0	9.8	7.6	5.3	2.5	9.7	18.3	-0.8
16	1.4	0.6	0.2	-0.1	-0.8	-0.4	4.0	9.0	13.8	15.8	16.8	17.7	18.3	18.8	19.1	18.3	19.1	19.3	18.5	16.2	13.8	11.7	11.0	10.3	11.4	19.3	-0.8
17	8.6	6.8	5.9	4.4	5.1	6.4	10.6	14.0	15.9	17.1	18.2	19.5	20.5	21.2	21.6	20.2	19.2	20.3	19.9	18.8	17.3	16.5	16.1	13.8	14.9	21.6	4.4
18	13.6	13.5	12.6	13.5	9.1	10.7	14.3	16.3	18.6	20.8	22.2	23.9	25.6	26.1	23.6	21.4	20.8	21.2	21.5	21.3	20.8	20.1	18.1	15.9	18.6	26.1	9.1
19	12.9	11.6	10.7	8.2	6.5	6.5	10.4	12.9	15.9	18.9	21.1	21.9	23.4	23.3	17.0	14.3	14.1	11.8	7.7	7.3	7.1	6.4	6.1	5.8	12.6	23.4	5.8
20	5.4	5.3	5.6	5.3	5.2	5.8	6.8	8.1	7.7	7.7	8.3	8.4	7.1	9.1	11.1	12.5	11.4	11.6	10.9	9.2	6.4	5.2	4.5	4.2	7.6	12.5	4.2
21	4.5	4.5	3.1	1.7	1.2	1.3	3.1	7.6	11.5	12.1	12.2	12.0	9.4	9.8	10.7	10.6	12.3	12.6	12.7	11.1	8.1	6.0	4.5	3.7	7.8	12.7	1.2
22	3.2	2.9	2.7	1.3	1.3	2.4	3.4	4.9	8.6	9.9	10.0	9.3	8.6	10.4	11.1	11.1	11.1	8.6	9.1	7.8	7.3	6.7	6.7	5.4	6.8	11.1	1.3
23	4.8	2.8	2.1	1.3	0.2	0.2	2.4	7.0	10.6	12.8	13.8	14.7	15.8	16.8	16.7	16.9	17.3	17.1	16.8	15.2	12.2	11.0	10.3	9.5	10.3	17.3	0.2
24	8.7	6.8	6.4	5.0	5.2	5.5	7.5	12.1	15.6	18.2	19.1	20.0	20.8	21.1	18.4	16.9	15.4	14.3	14.7	13.7	12.0	11.1	10.6	9.9	12.9	21.1	5.0
25	10.2	10.4	9.7	8.9	8.5	7.9	7.9	11.6	13.6	14.0	14.8	16.2	17.5	18.2	18.5	19.3	19.3	18.0	15.6	14.2	12.0	12.1	10.6	10.8	13.3	19.3	7.9
26	10.4	9.7	9.1	8.7	7.9	8.4	10.0	12.7	14.0	15.4	16.0	17.1	18.5	18.9	19.5	18.5	18.0	16.4	16.8	15.3	11.4	10.3	8.4	7.2	13.3	19.5	7.2
27	6.4	5.8	5.4	5.1	4.3	4.7	8.9	13.8	16.7	18.5	19.7	20.7	21.8	22.7	23.5	23.8	24.1	23.7	22.1	18.0	16.1	13.6	12.3	10.5	15.1	24.1	4.3
28	7.6	7.5	6.3	5.4	5.1	5.3	9.5	14.4	19.0	21.6	22.8	23.6	24.3	25.0	25.2	25.7	26.0	26.0	25.2	22.5	17.3	15.2	13.5	12.9	17.0	26.0	5.1
29	11.1	10.3	9.7	8.7	9.0	8.9	12.9	16.7	20.4	22.5	23.9	25.5	26.3	27.0	27.0	23.0	15.6	17.9	20.4	19.0	17.1	14.6	13.1	12.1	17.2	27.0	8.7
30	10.8	9.3	8.0	7.7	7.1	7.6	11.2	14.7	15.9	18.8	21.5	23.5	24.4	25.4	26.0	26.1	26.0	25.7	24.8	22.5	19.7	16.2	13.8	13.6	17.5	26.1	7.1
Avg	7.0	6.3	5.6	4.7	4.0	4.4	6.9	10.3	12.9	14.2	15.2	16.1	16.8	17.5	17.3	17.0	16.6	16.1	15.5	14.0	12.0	10.5	9.4	8.2	11.6	18.6	3.6
Max	13.6	13.5	12.6	13.5	9.7	10.7	14.3	16.7	20.4	22.5	23.9	25.5	26.3	27.0	27.0	26.1	26.0	26.0	25.2	22.5	20.8	20.1	18.1	15.9	18.6	27.0	9.1
Min	0.0	-0.8	-2.2	-3.1	-3.7	-3.1	0.0	2.5	3.5	4.2	4.7	4.3	5.0	5.3	5.2	5.3	4.8	4.7	4.5	3.9	3.2	2.6	2.1	0.8	3.8	5.3	-3.7

A-15

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
April 2013

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	0.69	0.91	0.69	0.59	0.47	0.83	0.74	0.23	-0.02	0.24	0.24	0.39	0.44	0.18	0.13	0.06	0.70	1.01	1.31	0.53	0.62	0.80	1.21	1.07	0.59	1.31	-0.02
2	0.49	0.67	0.57	1.38	1.12	0.81	0.46	-0.03	-0.14	-0.48	-0.33	-0.32	-0.30	-0.19	-0.08	-0.07	0.16	0.48	1.39	1.71	0.40	0.50	0.85	0.75	0.41	1.71	-0.48
3	1.16	2.08	1.64	1.67	0.47	0.26	0.47	0.02	-0.16	-0.13	-0.18	-0.16	-0.45	-0.60	-0.45	-0.45	-0.31	-0.15	0.84	0.59	0.61	0.70	0.55	0.75	0.37	2.08	-0.60
4	0.34	0.35	0.27	0.40	0.18	0.41	0.10	-0.13	-0.19	-0.34	-0.41	-0.63	-0.53	-0.55	-0.28	-0.22	-0.02	0.35	0.29	0.42	0.30	0.70	0.44	0.49	0.07	0.70	-0.63
5	0.75	0.81	0.53	0.43	0.52	0.64	0.68	0.30	-0.11	-0.44	-0.78	-0.88	-0.46	-0.64	-0.59	-0.34	0.11	0.22	0.33	0.46	0.55	0.49	0.44	0.53	0.15	0.81	-0.88
6	0.97	0.81	0.68	0.99	0.69	0.61	0.12	-0.14	-0.29	-0.41	-0.38	-0.52	-0.49	-0.83	-0.61	-0.08	-0.15	-0.03	0.51	0.44	0.74	0.43	0.20	0.41	0.15	0.99	-0.83
7	0.70	0.90	0.55	0.39	0.08	0.06	-0.04	-0.10	-0.14	-0.17	-0.34	-0.33	-0.53	-0.58	-0.15	-0.34	-0.27	-0.07	0.01	0.01	-0.05	-0.09	-0.11	-0.07	-0.03	0.90	-0.58
8	-0.04	0.05	0.06	0.01	0.07	0.05	0.02	-0.06	-0.09	-0.13	-0.30	-0.28	-0.43	-0.47	-0.44	-0.37	-0.25	-0.18	0.17	0.44	0.63	1.20	0.88	1.08	0.07	1.20	-0.47
9	1.00	1.33	1.07	1.64	1.09	1.18	1.05	0.79	0.20	-0.35	-0.14	-0.26	-0.25	-0.48	-0.38	-0.43	-0.36	-0.44	-0.13	0.21	0.00	-0.14	-0.21	0.03	0.25	1.64	-0.48
10	0.09	0.27	0.01	-0.11	0.30	0.57	-0.13	-0.20	-0.30	-0.38	-0.61	-0.71	-0.78	-0.94	-0.92	-0.59	-0.31	-0.11	0.14	0.32	0.44	0.60	0.42	0.43	-0.10	0.60	-0.94
11	0.54	0.35	0.22	0.23	0.14	0.11	0.05	-0.20	-0.36	-0.61	-0.67	-1.16	-1.07	-0.83	-0.41	-0.36	-0.24	0.00	0.12	0.24	0.17	0.26	0.17	0.30	-0.13	0.54	-1.16
12	0.18	0.03	0.06	0.14	0.29	-0.05	0.27	-0.02	-0.42	-0.56	-0.69	-0.84	-0.91	-0.82	-0.80	-0.59	-0.60	-0.43	0.24	0.66	0.10	0.10	0.10	0.06	-0.19	0.66	-0.91
13	0.08	0.05	-0.06	-0.08	0.00	0.03	0.07	0.02	-0.17	-0.01	-0.08	-0.46	-1.02	-0.57	-0.97	-0.58	-0.27	-0.32	0.05	0.25	0.66	0.85	0.40	0.18	-0.08	0.85	-1.02
14	0.14	0.03	-0.03	0.08	0.08	0.10	-0.05	-0.33	-0.47	-0.74	-1.00	-1.06	-1.09	-0.87	-0.73	-0.68	-0.77	-0.62	-0.28	-0.14	-0.18	-0.16	-0.12	-0.09	-0.37	0.14	-1.09
15	0.00	0.02	0.26	0.27	0.15	-0.10	-0.24	-0.26	-0.43	-0.58	-0.76	-0.76	-0.59	-0.66	-0.69	-0.87	-0.95	-0.70	-0.28	0.09	0.09	0.28	0.32	0.14	-0.26	0.32	-0.95
16	-0.05	0.22	0.05	-0.07	0.15	-0.23	-0.24	-0.35	-0.46	-0.69	-0.73	-0.63	-0.58	-0.58	-0.63	-0.66	-0.78	-0.51	-0.23	0.07	0.10	0.37	0.45	0.37	-0.23	0.45	-0.78
17	0.15	0.08	-0.05	-0.13	-0.15	-0.10	-0.18	-0.45	-0.54	-0.69	-0.77	-0.91	-0.82	-0.70	-0.98	-0.56	-0.89	-0.68	-0.23	0.93	0.07	-0.06	-0.08	-0.07	-0.33	0.93	-0.98
18	-0.11	-0.04	0.04	0.06	0.12	0.42	-0.15	-0.38	-0.64	-1.05	-1.16	-1.29	-1.42	-1.14	-0.69	-0.98	-0.49	-0.30	0.23	0.56	0.42	0.24	1.05	0.40	-0.26	1.05	-1.42
19	0.47	0.62	0.52	0.96	0.61	0.50	0.09	-0.07	-0.21	-0.28	-0.36	-0.44	-0.29	-0.14	-0.05	-0.12	-0.11	-0.11	0.12	0.34	0.29	0.33	0.73	0.75	0.17	0.96	-0.44
20	0.56	0.59	0.53	0.67	-0.02	0.09	0.06	-0.01	0.07	0.08	0.01	-0.18	-0.21	-0.24	-0.61	-0.38	-0.47	-0.13	0.25	0.33	0.31	0.27	0.16	0.05	0.07	0.67	-0.61
21	-0.04	-0.13	-0.09	-0.10	-0.10	-0.13	-0.23	-0.39	-0.58	-0.66	-0.68	-0.62	-0.70	-0.58	-0.39	-0.22	-0.23	-0.18	-0.09	-0.09	-0.06	-0.06	0.02	0.07	-0.26	0.07	-0.70
22	0.04	0.06	0.22	0.10	0.06	0.31	0.10	-0.17	-0.44	-0.66	-0.61	-0.46	-0.49	-0.93	-0.88	-0.93	-0.82	-0.76	-0.33	0.64	0.29	-0.21	-0.14	-0.18	-0.26	0.64	-0.93
23	-0.21	-0.18	-0.23	-0.22	-0.22	-0.21	-0.31	-0.33	-0.33	-0.91	-0.93	-1.05	-1.33	-1.12	-0.78	-0.69	-0.56	-0.17	0.00	0.63	0.36	0.19	0.62	0.70	-0.30	0.70	-1.33
24	0.13	0.21	0.46	0.00	0.01	0.00	-0.03	-0.31	-0.39	-0.58	-0.64	-0.89	-1.03	-1.26	-1.15	-1.03	-0.78	-0.33	0.05	0.62	0.62	0.95	1.11	0.79	-0.14	1.11	-1.26
25	0.97	0.60	0.82	0.58	1.02	0.56	0.01	-0.30	-0.70	-1.02	-1.10	-0.97	-0.98	-0.94	-1.16	-1.04	-0.78	-0.33	0.08	0.84	1.22	1.49	0.62	0.53	0.00	1.49	-1.16
26	0.87	1.06	1.23	1.07	0.92	0.97	0.13	-0.39	-0.74	-1.02	-1.20	-1.38	-1.40	-1.32	-1.25	-1.13	-0.85	-0.34	0.25	0.93	1.08	0.45	0.35	0.74	-0.04	1.23	-1.40
27	1.45	1.45	1.17	0.66	1.12	1.44	0.65	-0.32	-0.70	-0.50	-0.54	-0.80	-0.96	-0.75	-0.93	-0.45	-0.16	0.02	0.17	0.32	0.49	0.34	0.28	0.18	0.15	1.45	-0.96
28	0.16	0.19	0.20	0.15	0.13	0.12	-0.05	-0.41	-0.84	-0.80	-1.15	-0.82	-1.09	-1.15	-0.82	-1.10	-0.80	-0.66	-0.07	0.34	0.33	0.33	0.50	0.33	-0.29	0.50	-1.15
29	0.51	0.79	1.66	1.31	1.59	1.21	0.07	-0.28	-0.44	-0.53	-0.77	-1.09	-1.32	-1.20	-1.12	-1.06	-0.70	-0.55	-0.22	0.21	0.33	0.16	-0.05	-0.07	-0.07	1.66	-1.32
30	-0.04	0.00	0.15	0.39	0.60	0.20	-0.12	-0.34	-0.68	-0.74	-1.01	-1.21	-1.04	-1.15	-0.83	-0.76	-0.78	-0.50	-0.33	0.22	0.71	1.03	0.64	0.31	-0.22	1.03	-1.21
Avg	0.40	0.47	0.44	0.45	0.38	0.36	0.11	-0.15	-0.36	-0.50	-0.60	-0.69	-0.74	-0.73	-0.65	-0.57	-0.42	-0.22	0.15	0.44	0.39	0.41	0.39	0.37	-0.04	0.95	-0.89
Max	1.45	2.08	1.66	1.67	1.59	1.44	1.05	0.79	0.20	0.24	0.24	0.39	0.44	0.18	0.13	0.06	0.70	1.01	1.39	1.71	1.22	1.49	1.21	1.08	0.59	2.08	-0.02
Min	-0.21	-0.18	-0.23	-0.22	-0.22	-0.23	-0.31	-0.45	-0.84	-1.05	-1.20	-1.38	-1.42	-1.32	-1.25	-1.13	-0.95	-0.76	-0.33	-0.14	-0.18	-0.21	-0.21	-0.18	-0.37	0.07	-1.42

A-16

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
May 2013

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	0.15	0.20	0.04	0.29	0.30	0.26	-0.17	-0.32	-0.68	-0.86	-0.80	-1.08	-1.09	-0.96	-1.23	-0.63	-0.95	-0.61	-0.05	0.49	0.77	1.14	0.87	0.78	-0.17	1.14	-1.23
2	1.43	0.89	1.19	0.89	0.59	0.54	-0.18	-0.35	-0.83	-1.02	-1.23	-1.30	-1.27	-1.36	-1.33	-1.19	-0.49	-0.47	-0.12	1.00	1.02	0.53	0.74	0.76	-0.07	1.43	-1.36
3	0.95	0.90	1.14	1.12	0.75	0.32	-0.13	-0.23	-0.51	-0.62	-0.51	-0.31	-0.49	-0.30	-0.35	-0.21	-0.41	-0.26	-0.12	-0.01	0.04	0.08	0.10	0.30	0.05	1.14	-0.62
4	0.07	0.04	0.10	0.08	0.13	0.17	-0.02	-0.18	-0.38	-0.56	-0.60	-0.41	-0.55	-0.72	-0.78	-0.59	-0.42	-0.48	-0.32	-0.07	0.05	0.35	0.38	0.47	-0.18	0.47	-0.78
5	0.55	1.70	1.45	1.66	1.20	1.54	0.27	-0.45	-0.79	-0.87	-1.08	-1.54	-1.69	-1.70	-1.57	-1.34	-1.15	-0.72	-0.20	0.15	0.46	0.61	1.64	1.73	-0.01	1.73	-1.70
6	0.95	0.59	1.40	0.99	1.51	0.97	0.28	-0.34	-0.73	-0.84	-0.70	-0.82	-0.91	-0.80	-0.69	-0.87	-0.45	-0.11	-0.01	0.77	0.82	0.71	1.78	1.78	0.22	1.78	-0.91
7	1.89	1.40	0.68	0.70	0.47	0.41	-0.06	-0.38	-0.59	-1.12	-1.41	-1.49	-1.55	-1.39	-1.22	-1.01	-0.88	-0.56	-0.20	0.20	0.67	0.33	0.33	0.40	-0.18	1.89	-1.55
8	1.34	1.25	1.23	1.05	1.14	1.52	-0.16	-0.41	-0.50	-0.66	-0.90	-0.75	-0.56	-0.51	-0.51	-0.46	-0.80	-0.57	-0.08	0.41	0.72	1.02	1.17	1.50	0.23	1.52	-0.90
9	0.34	0.30	0.70	0.99	1.04	1.33	-0.04	-0.33	-0.44	-0.77	-0.98	-1.07	-0.74	-0.41	-0.57	-0.57	-0.23	0.54	0.05	0.49	0.44	0.45	0.57	0.67	0.07	1.33	-1.07
10	1.20	1.18	1.34	1.45	1.22	1.32	0.41	-0.52	-0.96	-1.01	-1.14	-1.20	-1.34	-1.25	-0.99	-1.10	-1.09	-0.85	-0.33	0.33	0.17	0.39	0.70	0.65	-0.06	1.45	-1.34
11	0.49	0.45	0.88	1.08	0.63	1.18	-0.21	-0.37	-0.55	-0.67	-0.94	-1.06	-1.25	-1.27	-0.89	-1.03	-0.61	-0.10	0.27	1.06	1.05	0.09	0.12	0.67	-0.04	1.18	-1.27
12	0.65	0.82	1.08	1.17	1.09	1.17	-0.10	-0.33	-0.58	-1.05	-1.06	-1.18	-0.91	-1.07	-0.91	-0.87	-0.32	0.10	0.32	1.34	1.82	0.60	0.23	0.37	0.10	1.82	-1.18
13	0.82	1.20	0.55	0.71	0.61	0.68	0.05	-0.30	-0.54	-0.88	-1.11	-1.17	-1.13	-0.91	-1.11	-0.89	-0.79	-0.03	0.24	0.47	0.84	0.37	0.39	0.30	-0.07	1.20	-1.17
14	0.36	0.44	0.38	0.61	1.01	0.62	-0.30	-0.67	-0.94	-1.28	-1.31	-1.41	-1.49	-1.51	-1.29	-0.75	-0.78	-0.46	0.11	0.33	0.83	0.64	0.70	0.61	-0.23	1.01	-1.51
15	0.80	0.58	1.03	0.94	0.87	0.51	-0.36	-0.58	-0.64	-0.96	-0.92	-0.98	-0.91	-0.93	-0.62	-0.51	-0.30	-0.38	0.13	0.07	0.13	0.61	0.51	0.38	-0.06	1.03	-0.98
16	0.48	0.07	0.21	0.29	0.02	0.05	-0.06	-0.24	-0.35	-0.49	-0.48	-0.52	-0.16	-0.46	-0.50	-0.62	-0.26	-0.10	-0.10	-0.10	-0.05	0.02	0.00	0.10	-0.14	0.48	-0.62
17	0.29	0.04	0.08	0.19	0.37	0.16	-0.14	-0.23	-0.34	-0.27	-0.28	-0.59	-0.54	-0.33	-0.21	-0.18	-0.11	-0.12	-0.13	-0.07	-0.05	0.02	-0.08	-0.08	-0.11	0.37	-0.59
18	-0.05	-0.06	-0.09	-0.07	-0.05	-0.10	-0.17	-0.35	-0.35	-0.45	-0.39	-0.51	-0.83	-0.92	-1.00	-0.60	-0.41	-0.10	-0.09	-0.04	-0.02	0.00	-0.01	-0.03	-0.28	0.00	-1.00
19	0.04	0.05	0.07	0.10	0.16	0.02	-0.02	-0.15	-0.17	-0.19	-0.22	-0.36	-0.34	-0.31	-0.22	-0.20	-0.21	-0.08	0.00	0.07	0.09	0.11	0.07	0.07	-0.07	0.16	-0.36
20	0.01	0.09	0.05	0.08	0.13	0.06	-0.03	-0.22	-0.38	-0.23	-0.34	-0.30	-0.17	-0.33	-0.73	-0.72	-0.41	-0.34	-0.20	0.03	0.20	0.02	0.05	0.56	-0.13	0.56	-0.73
21	0.29	0.44	0.92	0.73	0.78	0.71	-0.11	-0.41	-0.56	-0.73	-0.83	-0.92	-1.18	-1.29	-1.12	-0.82	-0.57	-0.33	-0.10	-0.01	0.00	-0.02	-0.04	-0.06	-0.22	0.92	-1.29
22	-0.07	-0.05	0.14	0.18	0.05	-0.02	-0.33	-0.65	-1.01	-0.73	-0.80	-0.63	-0.34	-0.44	-0.35	-0.26	-0.09	-0.08	0.01	-0.02	0.02	0.00	0.02	-0.02	-0.23	0.18	-1.01
23	-0.02	-0.03	-0.01	-0.01	-0.03	-0.01	-0.07	-0.10	-0.20	-0.29	-0.45	-0.54	-0.37	-0.41	-0.48	-0.20	-0.19	-0.20	-0.18	-0.10	-0.10	-0.06	-0.10	-0.08	-0.18	-0.01	-0.54
24	-0.07	-0.07	-0.09	-0.09	-0.06	-0.05	-0.17	-0.30	-0.53	-0.71	-0.97	-0.88	-1.05	-1.07	-1.03	-0.92	-0.75	-0.28	0.27	0.10	0.39	0.75	0.38	0.30	-0.29	0.75	-1.07
25	0.56	0.53	0.18	0.28	0.57	0.69	-0.23	-0.32	-0.38	-0.56	-0.46	-0.62	-0.40	-0.37	-0.35	-0.75	-0.20	-0.22	0.13	0.33	0.70	0.52	0.36	0.46	0.02	0.70	-0.75
26	0.07	0.10	0.37	0.31	0.58	0.32	-0.23	-0.30	-0.58	-0.85	-0.85	-0.74	-0.71	-0.41	-0.43	-0.43	-0.09	0.33	-0.05	0.13	0.07	0.00	0.32	0.31	-0.12	0.58	-0.85
27	0.15	0.14	0.30	0.09	0.06	-0.01	-0.25	-0.35	-0.23	-0.57	-0.60	-0.21	-0.66	-0.53	-0.53	-0.61	-0.51	-0.40	-0.40	0.31	0.39	0.12	0.12	0.06	-0.17	0.39	-0.66
28	0.21	0.07	0.02	0.03	-0.05	-0.03	-0.11	-0.14	-0.20	-0.15	-0.24	-0.61	-0.38	-0.50	-0.34	-0.41	-0.39	-0.33	-0.13	0.18	0.19	0.12	0.13	-0.02	-0.13	0.21	-0.61
29	-0.02	0.00	-0.07	0.01	0.00	0.03	-0.13	-0.17	-0.26	-0.29	-0.48	-0.59	-0.55	-0.33	-0.30	-0.24	-0.28	-0.17	-0.14	0.03	0.12	0.17	0.21	0.19	-0.14	0.21	-0.59
30	0.12	0.02	0.01	-0.02	-0.03	-0.03	-0.08	-0.14	-0.25	-0.32	-0.45	-0.37	-0.44	-0.53	-0.47	-0.31	-0.25	-0.18	-0.04	0.09	0.11	0.10	0.09	0.06	-0.14	0.12	-0.53
31	0.04	0.05	0.03	0.00	-0.01	-0.06	-0.17	-0.29	-0.41	-0.38	-0.55	-0.52	-0.49	-0.55	-0.41	-0.42	-0.22	-0.17	-0.10	-0.03	-0.01	-0.04	-0.04	0.03	-0.20	0.05	-0.55
Avg	0.45	0.43	0.49	0.51	0.49	0.46	-0.10	-0.33	-0.51	-0.66	-0.74	-0.80	-0.79	-0.77	-0.73	-0.64	-0.47	-0.25	-0.05	0.26	0.38	0.31	0.38	0.43	-0.09	0.83	-0.95
Max	1.89	1.70	1.45	1.66	1.51	1.54	0.41	-0.10	-0.17	-0.15	-0.22	-0.21	-0.16	-0.30	-0.21	-0.18	-0.09	0.54	0.32	1.34	1.82	1.14	1.78	1.78	0.23	1.89	-0.36
Min	-0.07	-0.07	-0.09	-0.09	-0.06	-0.10	-0.36	-0.67	-1.01	-1.28	-1.41	-1.54	-1.69	-1.70	-1.57	-1.34	-1.15	-0.85	-0.40	-0.10	-0.10	-0.06	-0.10	-0.08	-0.29	-0.01	-1.70

A-17

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
June 2013

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	-0.05	-0.03	-0.08	-0.09	-0.11	-0.11	-0.19	-0.33	-0.48	-0.57	-0.65	-0.73	-0.86	-1.04	-0.86	-0.61	-0.39	-0.28	-0.04	0.17	0.16	0.25	0.59	0.54	-0.24	0.59	-1.04
2	0.57	0.29	0.32	0.08	-0.05	-0.02	-0.18	-0.36	-0.48	-0.67	-0.71	-0.41	-0.41	-0.12	-0.18	-0.26	-0.10	-0.03	-0.10	-0.10	-0.04	-0.03	-0.05	-0.05	-0.13	0.57	-0.71
3	-0.02	-0.03	-0.03	-0.05	-0.07	-0.11	-0.15	-0.27	-0.26	-0.35	-0.40	-0.40	-0.62	-0.64	-0.55	-0.46	-0.39	-0.39	-0.28	-0.12	0.01	0.14	0.16	0.10	-0.22	0.16	-0.64
4	-0.05	-0.05	-0.07	-0.07	-0.02	-0.11	-0.22	-0.31	-0.45	-0.88	-0.72	-0.95	-1.11	-1.12	-1.19	-0.71	-1.08	-0.90	-0.60	-0.10	0.11	0.30	0.48	0.86	-0.37	0.86	-1.19
5	0.20	0.25	0.55	0.79	0.90	0.11	-0.18	-0.32	-0.53	-0.77	-1.04	-1.08	-0.99	-1.04	-1.01	-0.98	-0.89	-0.73	-0.42	0.28	0.19	0.00	0.06	0.71	-0.25	0.90	-1.08
6	0.18	0.74	0.74	0.71	0.99	0.16	-0.26	-0.39	-0.66	-0.81	-0.95	-1.14	-1.10	-1.16	-0.84	-0.84	-0.84	-0.63	-0.47	0.59	0.18	0.39	1.01	1.74	-0.11	1.74	-1.16
7	1.41	0.08	0.69	0.72	0.53	0.33	-0.32	-0.42	-0.69	-0.93	-0.97	-1.28	-1.25	-0.84	-0.24	-0.25	-0.09	0.11	0.10	0.31	0.58	0.51	0.52	1.21	-0.01	1.41	-1.28
8	1.06	0.38	0.85	0.44	0.22	0.05	-0.10	-0.40	-0.58	-0.88	-1.13	-1.23	-1.06	-1.10	-1.04	-0.95	-0.77	-0.33	0.33	0.63	1.57	1.13	0.54	0.37	-0.08	1.57	-1.23
9	0.43	0.56	0.50	0.68	0.66	0.33	-0.27	-0.59	-0.73	-0.92	-1.01	-1.15	-1.10	-1.08	-1.00	-0.79	-0.53	-0.29	0.14	0.74	1.80	2.67	1.78	1.14	0.08	2.67	-1.15
10	0.81	0.93	0.38	0.74	1.11	0.15	-0.33	-0.35	-0.67	-0.75	-0.88	-0.91	-0.99	-0.93	-0.92	-0.76	-0.50	-0.33	-0.21	0.06	0.21	0.30	0.44	0.19	-0.13	1.11	-0.99
11	0.26	0.17	0.28	0.41	0.64	0.47	-0.21	-0.42	-0.32	-0.17	-0.44	-0.29	-0.93	-1.08	-0.36	-0.46	-0.30	-0.11	-0.10	-0.10	0.01	0.38	0.50	0.26	-0.08	0.64	-1.08
12	0.36	0.04	0.63	0.99	0.98	0.38	0.00	-0.36	-0.65	-1.23	-1.07	-1.09	-0.93	-0.95	-0.75	-0.04	0.28	-0.02	-0.01	0.02	0.05	0.30	0.29	0.43	-0.10	0.99	-1.23
13	0.38	0.76	1.01	1.01	0.54	-0.07	-0.12	-0.16	-0.65	-0.75	-0.68	-1.11	-1.16	-0.71	-0.31	-0.24	-0.32	-0.42	-0.41	0.00	-0.03	-0.03	0.04	0.10	-0.14	1.01	-1.16
14	0.44	0.60	0.21	0.05	-0.02	-0.10	-0.17	-0.35	-0.67	-0.80	-0.77	-0.95	-0.76	-0.73	-0.80	-0.84	-0.73	-0.43	-0.09	0.31	0.80	1.63	1.16	1.30	-0.07	1.63	-0.95
15	1.38	1.83	1.52	0.88	0.35	0.02	-0.38	-0.45	-0.75	-0.99	-1.07	-1.12	-1.19	-1.12	-1.07	-0.90	-0.76	-0.51	-0.12	0.70	0.69	0.18	0.69	0.96	-0.05	1.83	-1.19
16	1.63	1.38	1.29	1.12	0.97	1.03	-0.26	-0.38	-0.51	-0.66	-0.90	-0.94	-0.96	-0.92	-0.90	-0.55	-0.70	-0.61	-0.32	0.16	0.11	0.43	0.44	0.62	0.02	1.63	-0.96
17	1.23	0.43	0.55	1.20	0.82	0.19	-0.21	-0.43	-0.90	-1.18	-1.32	-1.25	-1.01	-1.02	-0.87	-0.29	-0.15	-0.34	-0.22	-0.06	0.08	0.38	0.20	0.28	-0.16	1.23	-1.32
18	0.22	0.33	0.43	0.60	2.68	0.80	-0.18	-0.54	-0.78	-0.87	-0.91	-0.83	-0.82	-0.87	-0.37	0.00	0.04	-0.05	-0.01	-0.02	0.03	0.12	0.52	0.63	0.01	2.68	-0.91
19	0.97	0.86	0.86	0.73	0.87	0.12	-0.39	-0.41	-0.47	-0.58	-0.80	-0.70	-1.09	-0.93	0.30	0.18	0.15	0.19	-0.05	0.05	0.17	0.09	0.14	0.22	0.02	0.97	-1.09
20	0.30	0.17	0.10	0.10	0.14	0.02	-0.06	-0.33	-0.12	-0.19	-0.45	-0.58	-0.53	-0.78	-0.93	-0.70	-0.94	-0.50	0.23	0.39	0.47	0.32	0.25	-0.02	-0.15	0.47	-0.94
21	-0.01	0.00	0.43	0.48	0.37	0.04	-0.27	-0.45	-0.77	-0.65	-0.70	-0.50	-0.03	-0.35	-0.41	-0.30	-0.58	-0.35	-0.37	-0.02	0.05	0.02	0.13	0.19	-0.17	0.48	-0.77
22	0.22	0.27	0.11	0.34	0.15	-0.04	-0.14	-0.25	-0.40	-0.63	-0.43	-0.48	-0.30	-0.55	-0.38	-0.51	-0.35	-0.05	-0.26	-0.08	0.05	-0.03	0.05	0.43	-0.14	0.43	-0.63
23	0.10	0.43	0.25	-0.05	0.03	-0.12	-0.27	-0.25	-0.31	-0.76	-0.91	-0.94	-0.97	-1.00	-0.55	-0.39	-0.39	-0.30	-0.06	0.55	0.15	0.07	0.09	0.24	-0.22	0.55	-1.00
24	0.34	0.87	0.45	0.78	0.51	0.44	0.00	-0.18	0.28	0.04	-0.16	-0.44	-0.60	-0.55	0.10	-0.14	0.37	-0.14	-0.08	0.28	0.26	0.18	0.11	0.03	0.11	0.87	-0.60
25	0.11	0.21	0.14	0.25	0.13	0.29	0.02	-0.33	-0.39	-0.33	-0.71	-0.90	-0.83	-1.00	-0.79	-0.74	-0.28	0.20	0.38	0.43	0.16	0.21	0.39	0.38	-0.13	0.43	-1.00
26	0.02	0.20	0.26	0.28	0.26	0.05	0.07	-0.23	-0.31	-0.34	-0.47	-0.72	-1.05	-0.88	-1.00	-0.43	-0.34	0.00	-0.35	0.42	1.74	0.72	0.43	0.34	-0.06	1.74	-1.05
27	0.31	0.29	0.67	0.59	0.69	0.34	-0.41	-0.55	-0.67	-0.76	-0.87	-0.97	-0.95	-0.93	-0.77	-0.68	-0.49	-0.32	0.37	2.26	1.44	0.89	0.46	0.67	0.03	2.26	-0.97
28	1.08	0.90	1.18	1.32	1.29	0.83	-0.25	-0.37	-0.46	-0.67	-0.80	-0.83	-0.85	-0.83	-0.67	-0.64	-0.49	-0.28	0.11	0.54	1.39	1.30	1.31	1.30	0.23	1.39	-0.85
29	1.08	1.11	1.12	1.45	0.90	0.62	-0.24	-0.35	-0.62	-0.68	-0.60	-0.63	-0.71	-0.67	-0.52	0.38	-0.03	-0.20	-0.26	0.27	0.48	1.12	0.69	0.20	0.16	1.45	-0.71
30	0.42	0.77	0.83	0.99	0.96	0.83	-0.23	-0.27	-0.21	-0.36	-0.42	-0.61	-0.71	-0.82	-0.58	-0.41	-0.30	-0.25	-0.06	0.71	1.41	1.49	0.86	0.72	0.20	1.49	-0.82
Avg	0.51	0.49	0.54	0.58	0.58	0.23	-0.20	-0.36	-0.51	-0.67	-0.76	-0.84	-0.86	-0.86	-0.65	-0.48	-0.40	-0.28	-0.11	0.31	0.48	0.51	0.48	0.54	-0.07	1.19	-0.99
Max	1.63	1.83	1.52	1.45	2.68	1.03	0.07	-0.16	0.28	0.04	-0.16	-0.29	-0.03	-0.12	0.30	0.38	0.37	0.20	0.38	2.26	1.80	2.67	1.78	1.74	0.23	2.68	-0.60
Min	-0.05	-0.05	-0.08	-0.09	-0.11	-0.12	-0.41	-0.59	-0.90	-1.23	-1.32	-1.28	-1.25	-1.16	-1.19	-0.98	-1.08	-0.90	-0.60	-0.12	-0.04	-0.03	-0.05	-0.05	-0.37	0.16	-1.32

A-18

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m²)
April 2013

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	0.0	0.0	0.0	0.0	0.0	0.2	54.0	236.1	411.0	578.9	714.2	792.9	817.0	756.8	691.2	560.1	397.5	216.8	44.1	0.0	0.0	0.0	0.0	0.0	261.3	817.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.4	57.1	232.6	415.1	579.4	713.8	792.5	814.0	777.2	690.7	561.9	394.4	214.4	41.4	0.1	0.0	0.0	0.0	0.0	261.9	814.0	0.0
3	0.0	0.0	0.0	0.0	0.0	1.0	42.8	192.0	420.0	418.5	601.8	725.9	681.0	700.2	571.6	519.6	363.2	226.2	33.3	0.0	0.0	0.0	0.0	0.0	229.0	725.9	0.0
4	0.0	0.0	0.0	0.0	0.0	0.5	54.0	196.5	405.0	547.8	675.4	684.6	492.8	473.1	322.0	209.1	164.5	41.3	13.4	0.0	0.0	0.0	0.0	0.0	178.3	684.6	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	25.7	163.8	236.0	449.6	623.0	666.6	383.2	446.7	525.1	294.5	113.3	68.5	32.7	0.4	0.0	0.0	0.0	0.0	167.9	666.6	0.0
6	0.0	0.0	0.0	0.0	0.0	2.6	60.1	206.0	270.0	232.5	205.1	291.2	294.2	458.6	328.9	99.0	113.0	51.2	16.1	0.0	0.0	0.0	0.0	0.0	109.5	458.6	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	25.0	63.8	142.7	172.2	284.7	210.0	310.9	477.1	73.7	217.9	154.9	25.0	0.8	0.0	0.0	0.0	0.0	0.0	89.9	477.1	0.0
8	0.0	0.0	0.0	0.0	0.0	0.5	31.7	150.3	234.1	392.3	674.8	442.0	538.9	555.3	467.0	362.3	208.8	110.6	37.7	1.2	0.0	0.0	0.0	0.0	175.3	674.8	0.0
9	0.0	0.0	0.0	0.0	0.0	1.0	33.3	150.8	386.4	641.1	771.5	859.0	870.0	806.0	696.1	610.3	442.4	255.8	66.8	0.7	0.0	0.0	0.0	0.0	274.6	870.0	0.0
10	0.0	0.0	0.0	0.0	0.0	3.9	38.1	128.4	244.2	495.9	587.3	838.0	842.0	833.0	691.1	422.1	181.0	77.7	19.5	2.1	0.0	0.0	0.0	0.0	225.2	842.0	0.0
11	0.0	0.0	0.0	0.0	0.0	1.6	58.8	112.1	185.6	390.9	410.1	767.0	700.5	514.8	229.1	242.8	193.4	82.4	29.4	0.2	0.0	0.0	0.0	0.0	163.3	767.0	0.0
12	0.0	0.0	0.0	0.0	0.0	1.5	47.1	152.2	360.9	483.5	600.9	808.0	903.0	640.4	691.2	423.8	437.0	213.2	33.5	0.3	0.0	0.0	0.0	0.0	241.5	903.0	0.0
13	0.0	0.0	0.0	0.0	0.0	1.4	42.9	80.1	247.2	197.4	234.4	665.2	864.0	372.0	591.3	384.1	154.0	178.8	37.1	1.1	0.0	0.0	0.0	0.0	168.8	864.0	0.0
14	0.0	0.0	0.0	0.0	0.0	2.7	37.4	142.6	208.3	430.0	630.8	637.7	635.5	473.8	346.5	298.3	311.0	207.5	36.3	0.3	0.0	0.0	0.0	0.0	183.3	637.7	0.0
15	0.0	0.0	0.0	0.0	0.0	5.3	65.9	185.6	252.9	309.4	480.7	438.6	484.1	331.2	320.8	486.0	474.8	303.2	90.5	2.2	0.0	0.0	0.0	0.0	176.3	486.0	0.0
16	0.0	0.0	0.0	0.0	0.0	4.4	79.7	197.2	220.1	338.6	372.5	361.3	299.8	299.2	266.5	274.3	375.3	211.1	87.2	1.8	0.0	0.0	0.0	0.0	141.2	375.3	0.0
17	0.0	0.0	0.0	0.0	0.0	7.3	131.0	270.5	300.5	392.7	377.6	490.2	398.4	365.3	549.7	274.0	475.8	271.6	96.6	2.8	0.0	0.0	0.0	0.0	183.5	549.7	0.0
18	0.0	0.0	0.0	0.0	0.0	8.2	126.6	316.5	503.8	641.2	752.2	789.3	878.0	611.3	356.1	563.7	262.7	179.1	61.2	1.7	0.0	0.0	0.0	0.0	252.2	878.0	0.0
19	0.0	0.0	0.0	0.0	0.0	6.4	25.1	64.0	113.8	220.0	274.5	327.3	233.1	142.8	80.8	95.6	71.9	80.7	39.0	1.6	0.0	0.0	0.0	0.0	74.0	327.3	0.0
20	0.0	0.0	0.0	0.0	0.0	1.0	25.8	91.3	210.4	255.3	267.6	394.7	369.9	422.1	714.9	436.3	471.4	228.0	42.9	2.6	0.0	0.0	0.0	0.0	163.9	714.9	0.0
21	0.0	0.0	0.0	0.0	0.0	2.5	38.7	115.2	218.7	383.7	287.7	245.4	325.1	252.9	119.9	152.0	89.1	71.7	17.3	0.6	0.0	0.0	0.0	0.0	96.7	383.7	0.0
22	0.0	0.0	0.0	0.0	0.0	8.0	121.8	278.3	593.6	651.3	837.0	476.1	678.7	690.3	576.0	580.9	526.4	336.7	114.5	5.6	0.0	0.0	0.0	0.0	269.8	837.0	0.0
23	0.0	0.0	0.0	0.0	0.0	13.7	157.4	345.2	528.0	682.6	764.9	792.2	954.0	725.3	442.4	410.6	324.6	87.9	61.6	3.9	0.0	0.0	0.0	0.0	262.3	954.0	0.0
24	0.0	0.0	0.0	0.0	0.0	9.3	125.8	202.7	396.3	528.6	535.0	767.6	761.8	861.0	781.0	664.2	472.9	243.3	93.4	4.5	0.0	0.0	0.0	0.0	268.6	861.0	0.0
25	0.0	0.0	0.0	0.0	0.0	17.6	82.5	210.5	461.4	685.0	733.0	605.5	564.3	535.8	689.7	610.7	433.3	227.3	101.9	5.0	0.0	0.0	0.0	0.0	248.5	733.0	0.0
26	0.0	0.0	0.0	0.0	0.0	25.1	167.0	343.4	534.3	693.0	816.0	894.0	866.0	831.0	772.3	647.4	449.4	225.5	79.2	6.8	0.0	0.0	0.0	0.0	306.3	894.0	0.0
27	0.0	0.0	0.0	0.0	0.0	20.5	131.4	308.4	483.2	328.1	340.3	515.2	668.1	528.4	653.5	356.7	199.4	97.0	40.1	6.3	0.0	0.0	0.0	0.0	194.9	668.1	0.0
28	0.0	0.0	0.0	0.0	0.0	4.1	52.0	212.0	487.8	388.6	689.7	398.6	788.0	649.0	392.8	581.2	418.2	312.8	113.5	6.9	0.0	0.0	0.0	0.0	229.0	788.0	0.0
29	0.0	0.0	0.0	0.0	0.0	8.9	57.7	145.2	203.5	238.7	497.8	733.0	912.0	908.0	797.4	694.8	384.8	330.8	144.9	11.5	0.0	0.0	0.0	0.0	252.9	912.0	0.0
30	0.0	0.0	0.0	0.0	0.0	11.5	62.1	145.6	386.7	389.4	681.1	750.8	624.6	702.3	522.7	395.1	384.2	214.6	128.4	7.2	0.0	0.0	0.0	0.0	225.3	750.8	0.0
Avg	0.0	0.0	0.0	0.0	0.0	5.7	68.6	188.0	335.4	437.9	547.8	605.3	631.8	571.4	498.4	414.3	314.8	179.7	58.5	2.6	0.0	0.0	0.0	0.0	202.5	710.5	0.0
Max	0.0	0.0	0.0	0.0	0.0	25.1	167.0	345.2	593.6	693.0	837.0	894.0	954.0	908.0	797.4	694.8	526.4	336.7	144.9	11.5	0.0	0.0	0.0	0.0	306.3	954.0	0.0
Min	0.0	0.0	0.0	0.0	0.0	0.0	25.0	63.8	113.8	172.2	205.1	210.0	233.1	142.8	73.7	95.6	71.9	25.0	0.8	0.0	0.0	0.0	0.0	0.0	74.0	327.3	0.0

A-19

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m²)
May 2013

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	0.0	0.0	0.0	0.0	0.0	33.3	190.9	378.2	560.8	574.4	508.2	682.5	618.1	714.2	734.0	414.0	519.2	265.0	73.2	8.2	0.0	0.0	0.0	0.0	261.4	734.0	0.0
2	0.0	0.0	0.0	0.0	0.0	37.7	195.6	373.3	561.8	716.7	844.0	919.0	843.0	867.0	792.9	594.4	256.0	268.2	150.2	12.2	0.0	0.0	0.0	0.0	309.7	919.0	0.0
3	0.0	0.0	0.0	0.0	0.0	13.0	75.9	183.4	304.9	322.2	201.0	350.9	389.2	233.9	234.3	178.9	267.7	129.7	52.0	8.5	0.0	0.0	0.0	0.0	122.7	389.2	0.0
4	0.0	0.0	0.0	0.0	0.0	18.3	52.8	119.0	271.0	486.9	385.3	292.9	465.5	768.1	672.9	391.2	332.5	283.0	65.8	9.4	0.0	0.0	0.0	0.0	192.3	768.1	0.0
5	0.0	0.0	0.0	0.0	0.2	44.2	205.1	386.5	566.0	717.3	836.0	913.0	935.0	883.0	865.0	697.5	517.0	333.3	154.2	17.1	0.0	0.0	0.0	0.0	336.3	935.0	0.0
6	0.0	0.0	0.0	0.0	0.6	47.7	211.1	394.3	575.4	729.5	847.0	919.0	930.0	822.0	781.1	646.0	306.3	160.6	144.7	19.3	0.0	0.0	0.0	0.0	313.9	930.0	0.0
7	0.0	0.0	0.0	0.0	0.6	50.6	215.6	397.8	576.6	723.5	837.0	902.0	911.0	883.0	774.4	669.7	515.8	334.5	154.4	19.0	0.0	0.0	0.0	0.0	331.9	911.0	0.0
8	0.0	0.0	0.0	0.0	0.6	50.6	205.7	385.7	565.5	717.0	845.0	644.3	308.5	307.5	428.6	389.2	469.5	338.4	123.1	17.5	0.0	0.0	0.0	0.0	241.5	845.0	0.0
9	0.0	0.0	0.0	0.0	0.8	42.5	192.4	359.8	566.6	722.4	826.0	734.8	497.0	304.1	487.3	238.8	145.1	50.5	113.9	27.8	0.0	0.0	0.0	0.0	221.2	826.0	0.0
10	0.0	0.0	0.0	0.0	0.6	55.3	197.3	390.3	558.5	723.2	827.0	895.0	919.0	887.0	807.0	684.4	527.8	345.8	167.6	24.9	0.0	0.0	0.0	0.0	333.8	919.0	0.0
11	0.0	0.0	0.0	0.0	1.2	58.0	218.9	406.3	560.6	712.4	784.0	690.6	833.0	880.0	519.3	604.6	326.1	139.0	69.2	12.4	0.0	0.0	0.0	0.0	284.0	880.0	0.0
12	0.0	0.0	0.0	0.0	2.2	41.5	205.9	281.4	536.4	696.8	734.7	743.7	564.9	685.5	559.7	519.0	261.5	118.2	93.7	19.9	0.0	0.0	0.0	0.0	252.7	743.7	0.0
13	0.0	0.0	0.0	0.0	0.3	26.8	158.6	368.9	558.4	711.1	842.0	886.0	852.0	608.7	722.4	577.6	515.8	166.2	50.9	35.4	0.0	0.0	0.0	0.0	295.0	886.0	0.0
14	0.0	0.0	0.0	0.0	1.4	69.6	240.1	419.8	599.6	740.6	843.0	917.0	975.0	974.0	736.0	390.1	494.9	300.1	68.0	11.1	0.0	0.0	0.0	0.0	324.2	975.0	0.0
15	0.0	0.0	0.0	0.0	2.8	83.3	243.3	362.1	573.9	698.6	804.0	738.0	799.1	758.8	343.6	272.4	199.9	267.3	48.7	29.4	0.0	0.0	0.0	0.0	259.4	804.0	0.0
16	0.0	0.0	0.0	0.0	0.0	6.8	70.4	234.2	448.2	482.0	546.3	316.4	160.9	538.9	763.0	521.9	121.0	55.5	38.0	7.9	0.0	0.0	0.0	0.0	179.6	763.0	0.0
17	0.0	0.0	0.0	0.0	1.6	32.3	83.5	214.9	450.7	201.9	257.0	302.5	263.4	259.8	152.8	129.5	65.1	30.8	15.5	4.0	0.0	0.0	0.0	0.0	102.7	450.7	0.0
18	0.0	0.0	0.0	0.0	0.7	21.1	66.6	179.0	208.7	294.3	179.3	297.2	492.0	604.7	643.5	298.3	140.7	64.2	34.2	10.4	0.0	0.0	0.0	0.0	147.3	643.5	0.0
19	0.0	0.0	0.0	0.0	0.0	10.6	24.4	94.9	113.2	103.5	137.2	231.4	223.4	183.7	150.4	150.1	136.3	69.8	25.1	3.5	0.0	0.0	0.0	0.0	69.1	231.4	0.0
20	0.0	0.0	0.0	0.0	0.0	10.3	27.3	150.3	239.8	99.5	152.0	278.8	114.6	221.0	728.4	600.0	255.8	325.1	140.7	7.2	0.0	0.0	0.0	0.0	139.6	728.4	0.0
21	0.0	0.0	0.0	0.0	1.7	92.9	255.1	430.9	607.6	758.1	874.0	944.0	967.0	931.0	836.0	711.6	543.6	353.4	138.0	32.7	0.0	0.0	0.0	0.0	353.2	967.0	0.0
22	0.0	0.0	0.0	0.0	2.1	83.3	227.9	353.2	523.0	306.7	392.4	359.9	194.3	350.8	244.9	208.5	65.4	151.2	13.8	3.0	0.0	0.0	0.0	0.0	145.0	523.0	0.0
23	0.0	0.0	0.0	0.0	0.1	8.8	46.7	55.0	95.8	135.7	238.0	337.1	238.8	153.1	243.6	58.0	54.5	60.6	35.2	5.5	0.0	0.0	0.0	0.0	73.6	337.1	0.0
24	0.0	0.0	0.0	0.0	1.5	32.4	144.9	308.6	423.6	587.0	851.0	675.7	899.0	889.0	815.0	600.6	478.7	189.9	61.1	13.9	0.0	0.0	0.0	0.0	290.5	899.0	0.0
25	0.0	0.0	0.0	0.0	3.5	99.1	206.3	399.6	525.0	671.8	464.8	413.1	303.2	235.6	288.5	611.2	174.8	204.9	61.2	16.4	0.4	0.0	0.0	0.0	195.0	671.8	0.0
26	0.0	0.0	0.0	0.0	4.1	91.5	240.5	388.0	544.6	615.7	634.4	640.9	528.1	282.3	361.3	278.3	110.8	53.5	88.0	19.1	0.0	0.0	0.0	0.0	203.4	640.9	0.0
27	0.0	0.0	0.0	0.0	2.9	48.8	228.3	321.3	245.1	371.8	380.2	110.7	573.1	543.0	465.9	421.9	340.2	245.4	212.4	46.7	0.3	0.0	0.0	0.0	189.9	573.1	0.0
28	0.0	0.0	0.0	0.0	4.1	23.9	38.5	63.3	94.8	119.3	243.9	625.4	433.3	507.4	217.0	452.6	264.1	192.3	141.8	38.5	0.4	0.0	0.0	0.0	144.2	625.4	0.0
29	0.0	0.0	0.0	0.0	1.8	23.5	70.2	116.9	198.0	278.4	352.2	358.1	317.7	286.6	202.3	157.1	165.3	111.5	50.2	15.3	0.0	0.0	0.0	0.0	112.7	358.1	0.0
30	0.0	0.0	0.0	0.0	0.7	16.8	43.9	92.3	172.2	230.5	327.7	258.1	351.3	456.6	388.0	228.5	192.5	156.8	74.5	21.1	0.1	0.0	0.0	0.0	125.5	456.6	0.0
31	0.0	0.0	0.0	0.0	1.6	23.8	79.2	143.1	240.7	269.8	425.6	373.4	391.5	416.2	323.9	248.7	126.7	79.4	52.8	10.8	0.1	0.0	0.0	0.0	133.6	425.6	0.0
Avg	0.0	0.0	0.0	0.0	1.2	41.9	150.4	282.3	421.5	500.6	561.9	572.6	557.8	562.5	525.3	417.6	286.8	188.5	87.5	17.0	0.0	0.0	0.0	0.0	215.6	701.9	0.0
Max	0.0	0.0	0.0	0.0	4.1	99.1	255.1	430.9	607.6	758.1	874.0	944.0	975.0	974.0	865.0	711.6	543.6	353.4	212.4	46.7	0.4	0.0	0.0	0.0	353.2	975.0	0.0
Min	0.0	0.0	0.0	0.0	0.0	6.8	24.4	55.0	94.8	99.5	137.2	110.7	114.6	153.1	150.4	58.0	54.5	30.8	13.8	3.0	0.0	0.0	0.0	0.0	69.1	231.4	0.0

A-20

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m²)
June 2013

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	0.0	0.0	0.0	0.0	1.5	36.4	121.4	318.3	530.4	659.8	514.4	877.0	713.2	850.0	664.3	415.8	289.2	262.8	97.3	22.8	0.2	0.0	0.0	0.0	265.6	877.0	0.0
2	0.0	0.0	0.0	0.0	1.5	43.6	181.8	422.0	346.8	631.7	655.7	488.4	307.0	114.0	106.3	114.2	23.7	9.4	6.4	1.4	0.0	0.0	0.0	0.0	143.9	655.7	0.0
3	0.0	0.0	0.0	0.0	0.5	20.0	49.0	113.1	145.4	224.8	321.3	285.1	420.0	412.7	319.6	241.8	179.4	172.7	96.3	26.2	1.1	0.0	0.0	0.0	126.2	420.0	0.0
4	0.0	0.0	0.0	0.0	0.8	13.2	68.5	119.7	291.1	528.7	356.5	463.7	703.1	759.1	788.6	330.8	661.0	432.0	254.3	76.7	2.7	0.0	0.0	0.0	243.8	788.6	0.0
5	0.0	0.0	0.0	0.0	6.2	120.3	279.9	452.0	620.7	770.2	876.0	943.0	940.0	936.0	856.0	703.2	557.7	401.5	228.4	54.7	1.1	0.0	0.0	0.0	364.5	943.0	0.0
6	0.0	0.0	0.0	0.0	10.7	116.2	191.1	430.9	614.1	723.3	805.0	916.0	959.0	951.0	846.0	690.6	566.2	401.7	230.6	56.3	1.4	0.0	0.0	0.0	354.6	959.0	0.0
7	0.0	0.0	0.0	0.0	7.0	108.1	241.4	376.3	604.2	672.3	815.0	10030	963.0	637.0	289.8	326.7	203.4	86.6	102.3	21.3	2.3	0.0	0.0	0.0	237.2	10030	0.0
8	0.0	0.0	0.0	0.0	1.7	41.0	156.9	435.6	507.8	758.0	922.0	994.0	959.0	940.0	854.0	746.1	578.3	333.3	114.1	53.2	3.0	0.0	0.0	0.0	349.9	994.0	0.0
9	0.0	0.0	0.0	0.0	8.5	110.0	274.2	449.4	618.9	767.0	874.0	945.0	968.0	932.0	859.0	747.3	593.0	424.1	228.9	82.1	3.0	0.0	0.0	0.0	370.2	968.0	0.0
10	0.0	0.0	0.0	0.0	9.5	114.0	281.7	457.9	630.7	779.4	888.0	954.0	975.0	938.0	862.0	729.7	427.2	259.6	189.6	45.9	6.6	0.0	0.0	0.0	356.2	975.0	0.0
11	0.0	0.0	0.0	0.0	3.0	24.4	220.4	420.4	240.0	96.8	279.6	183.2	794.3	657.8	134.0	248.3	156.7	118.1	58.3	65.0	0.2	0.0	0.0	0.0	154.2	794.3	0.0
12	0.0	0.0	0.0	0.0	7.5	110.3	268.6	401.2	407.9	761.3	794.1	915.0	949.0	903.0	448.1	92.3	21.9	145.9	23.8	7.2	0.0	0.0	0.0	0.0	260.7	949.0	0.0
13	0.0	0.0	0.0	0.0	5.7	84.6	53.3	157.7	523.7	374.4	395.3	871.0	856.0	420.0	122.8	192.9	243.6	244.0	206.5	25.6	0.1	0.0	0.0	0.0	199.1	871.0	0.0
14	0.0	0.0	0.0	0.0	6.5	19.8	68.0	303.5	466.9	612.7	588.3	759.1	573.3	583.9	689.2	728.8	587.5	364.1	169.6	29.9	2.8	0.0	0.0	0.0	273.1	759.1	0.0
15	0.0	0.0	0.0	0.0	8.1	115.6	280.7	459.5	629.8	780.7	890.0	957.0	981.0	952.0	873.0	749.0	596.1	425.5	249.9	83.6	2.8	0.0	0.0	0.0	376.4	981.0	0.0
16	0.0	0.0	0.0	0.0	8.6	115.2	275.4	446.7	622.2	738.7	869.0	937.0	872.0	834.0	756.1	515.9	586.0	429.2	251.5	87.4	4.2	0.0	0.0	0.0	347.9	937.0	0.0
17	0.0	0.0	0.0	0.0	7.4	105.6	266.9	439.9	605.1	751.3	861.0	932.0	958.0	807.0	709.8	234.7	197.5	375.7	249.1	79.4	1.3	0.0	0.0	0.0	315.9	958.0	0.0
18	0.0	0.0	0.0	0.0	4.9	104.9	269.2	441.2	608.4	759.5	871.0	933.0	934.0	893.0	299.8	41.2	61.7	146.8	85.8	35.5	1.6	0.0	0.0	0.0	270.5	934.0	0.0
19	0.0	0.0	0.0	0.0	6.3	112.4	230.7	257.4	507.3	586.3	649.3	647.9	880.0	705.8	17.6	16.8	10.0	6.0	4.4	1.4	0.0	0.0	0.0	0.0	193.3	880.0	0.0
20	0.0	0.0	0.0	0.0	8.6	62.5	151.3	335.1	132.9	197.3	425.3	518.6	387.5	718.6	730.7	644.2	625.8	355.6	93.5	33.7	2.2	0.0	0.0	0.0	226.0	730.7	0.0
21	0.0	0.0	0.0	0.0	3.4	86.1	233.6	453.7	638.7	583.2	519.1	344.0	114.6	555.8	372.1	210.5	460.2	293.5	267.9	88.0	2.9	0.0	0.0	0.0	217.8	638.7	0.0
22	0.0	0.0	0.0	0.0	10.7	25.9	43.8	172.9	306.3	463.5	271.8	264.2	321.5	635.2	275.8	444.7	327.2	79.9	157.5	27.1	4.8	0.0	0.0	0.0	159.7	635.2	0.0
23	0.0	0.0	0.0	0.0	7.6	82.1	271.5	436.4	553.6	764.9	888.0	933.0	10010	965.0	506.7	389.9	382.1	294.4	177.9	51.0	2.1	0.0	0.0	0.0	291.6	10010	0.0
24	0.0	0.0	0.0	0.0	10.1	57.2	119.7	239.7	205.4	330.7	459.7	614.8	668.8	726.3	268.1	350.6	53.5	237.3	92.6	44.1	2.9	0.0	0.0	0.0	186.7	726.3	0.0
25	0.0	0.0	0.0	0.0	1.7	24.7	171.7	375.7	498.4	390.0	693.1	869.0	828.0	872.0	740.1	669.3	356.8	101.3	96.3	16.8	0.5	0.0	0.0	0.0	279.4	872.0	0.0
26	0.0	0.0	0.0	0.0	4.9	39.6	97.3	176.7	334.4	347.9	474.2	649.3	980.0	805.0	850.0	434.9	362.1	135.6	256.8	91.1	3.5	0.0	0.0	0.0	251.8	980.0	0.0
27	0.0	0.0	0.0	0.0	6.3	108.5	263.4	445.1	602.7	747.3	857.0	935.0	960.0	925.0	858.0	741.9	586.2	418.8	213.2	31.2	4.3	0.0	0.0	0.0	362.7	960.0	0.0
28	0.0	0.0	0.0	0.0	5.4	104.6	260.2	431.6	597.7	744.0	852.0	929.0	965.0	925.0	824.0	739.8	596.1	423.6	248.7	91.1	3.6	0.0	0.0	0.0	364.2	965.0	0.0
29	0.0	0.0	0.0	0.0	5.6	106.1	261.2	435.5	603.0	747.3	860.0	937.0	965.0	922.0	684.0	62.3	41.7	323.4	310.8	66.6	6.0	0.0	0.0	0.0	305.7	965.0	0.0
30	0.0	0.0	0.0	0.0	4.6	106.8	249.0	240.6	177.0	604.0	740.0	914.0	879.0	908.0	850.0	739.3	587.6	419.5	239.1	82.9	3.5	0.0	0.0	0.0	322.7	914.0	0.0
Avg	0.0	0.0	0.0	0.0	5.8	77.3	196.7	354.9	472.4	596.6	675.5	755.5	785.3	772.8	581.9	443.1	364.0	270.7	166.7	49.3	2.4	0.0	0.0	0.0	272.4	865.3	0.0
Max	0.0	0.0	0.0	0.0	10.7	120.3	281.7	459.5	638.7	780.7	922.0	10030	10010	965.0	873.0	749.0	661.0	432.0	310.8	91.1	6.6	0.0	0.0	0.0	376.4	994.0	0.0
Min	0.0	0.0	0.0	0.0	0.5	13.2	43.8	113.1	132.9	96.8	271.8	183.2	114.6	114.0	17.6	16.8	10.0	6.0	4.4	1.4	0.0	0.0	0.0	0.0	126.2	420.0	0.0

A-21

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
April 2013

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	24.46	24.46	24.46	24.46	24.46	24.46	24.46	24.47	24.47	24.46	24.46	24.46	24.46	24.45	24.44	24.43	24.43	24.42	24.42	24.43	24.44	24.44	24.43	24.43	24.45	24.47	24.42
2	24.43	24.43	24.43	24.44	24.44	24.44	24.44	24.45	24.45	24.45	24.44	24.43	24.42	24.41	24.40	24.39	24.37	24.37	24.37	24.37	24.38	24.38	24.38	24.38	24.41	24.45	24.37
3	24.37	24.39	24.39	24.40	24.41	24.42	24.44	24.46	24.48	24.48	24.48	24.48	24.48	24.48	24.48	24.47	24.46	24.46	24.46	24.45	24.46	24.46	24.45	24.45	24.45	24.48	24.37
4	24.44	24.43	24.43	24.43	24.43	24.42	24.42	24.43	24.43	24.41	24.40	24.38	24.36	24.34	24.33	24.31	24.29	24.28	24.28	24.27	24.25	24.23	24.22	24.22	24.35	24.44	24.22
5	24.23	24.22	24.20	24.19	24.18	24.19	24.20	24.20	24.20	24.21	24.21	24.20	24.19	24.19	24.18	24.18	24.20	24.21	24.22	24.23	24.26	24.26	24.28	24.29	24.21	24.29	24.18
6	24.29	24.28	24.28	24.27	24.26	24.25	24.25	24.26	24.26	24.25	24.25	24.24	24.23	24.23	24.23	24.23	24.24	24.25	24.24	24.23	24.23	24.23	24.23	24.23	24.25	24.29	24.23
7	24.22	24.21	24.19	24.17	24.15	24.14	24.13	24.12	24.11	24.09	24.08	24.06	24.05	24.04	24.02	24.02	24.02	24.03	24.05	24.06	24.09	24.12	24.14	24.16	24.10	24.22	24.02
8	24.17	24.18	24.19	24.21	24.21	24.23	24.25	24.27	24.29	24.31	24.33	24.35	24.35	24.37	24.38	24.39	24.42	24.44	24.46	24.49	24.51	24.52	24.53	24.53	24.35	24.53	24.17
9	24.54	24.55	24.56	24.56	24.56	24.58	24.60	24.61	24.59	24.60	24.60	24.59	24.57	24.57	24.57	24.55	24.54	24.53	24.52	24.53	24.54	24.54	24.53	24.52	24.56	24.61	24.52
10	24.51	24.49	24.47	24.45	24.43	24.43	24.43	24.42	24.41	24.41	24.39	24.37	24.33	24.31	24.29	24.27	24.24	24.22	24.20	24.20	24.21	24.20	24.19	24.20	24.34	24.51	24.19
11	24.20	24.21	24.22	24.23	24.24	24.26	24.27	24.29	24.29	24.30	24.31	24.30	24.29	24.28	24.28	24.28	24.28	24.28	24.28	24.29	24.31	24.32	24.32	24.32	24.28	24.32	24.20
12	24.33	24.33	24.33	24.34	24.34	24.35	24.36	24.38	24.39	24.39	24.38	24.36	24.34	24.32	24.29	24.26	24.23	24.20	24.17	24.14	24.12	24.09	24.06	24.05	24.27	24.39	24.05
13	24.03	24.01	23.98	23.96	23.93	23.91	23.88	23.88	23.88	23.88	23.89	23.89	23.87	23.88	23.89	23.91	23.95	23.97	23.99	24.01	24.03	24.04	24.05	24.05	23.95	24.05	23.87
14	24.06	24.06	24.06	24.08	24.09	24.10	24.11	24.12	24.13	24.14	24.15	24.15	24.16	24.16	24.17	24.17	24.18	24.19	24.20	24.23	24.24	24.25	24.24	24.24	24.15	24.25	24.06
15	24.24	24.24	24.23	24.24	24.25	24.26	24.27	24.27	24.27	24.27	24.27	24.27	24.28	24.28	24.29	24.30	24.31	24.33	24.34	24.38	24.41	24.42	24.42	24.41	24.30	24.42	24.23
16	24.39	24.40	24.41	24.42	24.43	24.42	24.43	24.42	24.42	24.42	24.41	24.41	24.41	24.41	24.43	24.43	24.45	24.46	24.48	24.50	24.52	24.54	24.54	24.54	24.45	24.54	24.39
17	24.54	24.54	24.54	24.53	24.53	24.53	24.53	24.52	24.52	24.52	24.52	24.52	24.52	24.52	24.52	24.51	24.52	24.53	24.53	24.53	24.54	24.55	24.54	24.53	24.53	24.55	24.51
18	24.53	24.52	24.51	24.51	24.50	24.50	24.50	24.50	24.49	24.49	24.49	24.49	24.48	24.49	24.48	24.48	24.48	24.47	24.47	24.47	24.47	24.47	24.45	24.44	24.49	24.53	24.44
19	24.43	24.42	24.41	24.39	24.38	24.38	24.36	24.35	24.34	24.33	24.32	24.30	24.29	24.27	24.26	24.25	24.25	24.24	24.23	24.23	24.24	24.25	24.25	24.25	24.31	24.43	24.23
20	24.25	24.26	24.25	24.26	24.26	24.26	24.27	24.28	24.28	24.28	24.29	24.29	24.27	24.27	24.27	24.27	24.28	24.29	24.30	24.31	24.33	24.34	24.35	24.36	24.29	24.36	24.25
21	24.36	24.36	24.37	24.37	24.38	24.40	24.41	24.41	24.41	24.41	24.41	24.40	24.40	24.40	24.39	24.40	24.41	24.43	24.45	24.47	24.48	24.50	24.50	24.51	24.42	24.51	24.36
22	24.52	24.52	24.53	24.54	24.56	24.58	24.59	24.60	24.62	24.62	24.63	24.63	24.63	24.62	24.62	24.61	24.60	24.60	24.59	24.60	24.62	24.62	24.61	24.61	24.59	24.63	24.52
23	24.59	24.58	24.57	24.56	24.55	24.55	24.54	24.53	24.53	24.51	24.51	24.50	24.48	24.47	24.47	24.47	24.46	24.46	24.46	24.47	24.48	24.49	24.49	24.49	24.51	24.59	24.46
24	24.50	24.51	24.50	24.51	24.52	24.52	24.53	24.54	24.55	24.54	24.53	24.51	24.48	24.46	24.43	24.40	24.38	24.35	24.34	24.34	24.35	24.34	24.32	24.32	24.45	24.55	24.32
25	24.32	24.31	24.30	24.29	24.29	24.29	24.30	24.30	24.30	24.30	24.29	24.28	24.28	24.27	24.28	24.28	24.29	24.30	24.33	24.35	24.39	24.41	24.42	24.43	24.32	24.43	24.27
26	24.44	24.45	24.45	24.47	24.48	24.50	24.51	24.53	24.53	24.53	24.53	24.52	24.51	24.50	24.49	24.49	24.48	24.49	24.50	24.51	24.53	24.54	24.53	24.52	24.50	24.54	24.44
27	24.51	24.51	24.51	24.51	24.51	24.50	24.49	24.48	24.48	24.49	24.47	24.46	24.41	24.39	24.36	24.35	24.34	24.35	24.34	24.35	24.37	24.37	24.36	24.37	24.43	24.51	24.34
28	24.37	24.37	24.37	24.38	24.38	24.39	24.40	24.40	24.40	24.38	24.38	24.37	24.36	24.35	24.33	24.31	24.28	24.28	24.27	24.27	24.26	24.25	24.24	24.22	24.33	24.40	24.22
29	24.21	24.18	24.16	24.14	24.12	24.09	24.10	24.08	24.06	24.03	24.01	24.01	23.98	23.96	23.96	23.99	24.03	24.06	24.08	24.11	24.14	24.15	24.15	24.17	24.08	24.21	23.96
30	24.17	24.17	24.19	24.19	24.20	24.21	24.23	24.25	24.26	24.27	24.30	24.31	24.33	24.34	24.36	24.37	24.39	24.42	24.44	24.46	24.50	24.52	24.54	24.55	24.33	24.55	24.17
Avg	24.36	24.35	24.35	24.35	24.35	24.35	24.36	24.36	24.36	24.36	24.36	24.35	24.34	24.33	24.33	24.33	24.33	24.33	24.33	24.34	24.36	24.36	24.36	24.36	24.35	24.43	24.27
Max	24.59	24.58	24.57	24.56	24.56	24.58	24.60	24.61	24.62	24.62	24.63	24.63	24.63	24.62	24.62	24.61	24.60	24.60	24.59	24.60	24.62	24.62	24.61	24.61	24.59	24.63	24.52
Min	24.03	24.01	23.98	23.96	23.93	23.91	23.88	23.88	23.88	23.88	23.89	23.89	23.87	23.88	23.89	23.91	23.95	23.97	23.99	24.01	24.03	24.04	24.05	24.05	23.95	24.05	23.87

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
May 2013

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	24.56	24.58	24.59	24.61	24.63	24.66	24.67	24.69	24.71	24.71	24.72	24.73	24.74	24.75	24.75	24.76	24.76	24.77	24.78	24.79	24.81	24.82	24.83	24.85	24.72	24.85	24.56	
2	24.85	24.86	24.86	24.86	24.86	24.86	24.85	24.86	24.85	24.83	24.81	24.79	24.76	24.75	24.73	24.70	24.68	24.67	24.65	24.64	24.64	24.64	24.63	24.61	24.76	24.86	24.61	
3	24.60	24.59	24.59	24.58	24.58	24.59	24.59	24.59	24.58	24.58	24.58	24.58	24.57	24.57	24.57	24.57	24.57	24.58	24.58	24.58	24.58	24.59	24.59	24.59	24.58	24.60	24.57	
4	24.59	24.59	24.58	24.59	24.59	24.60	24.60	24.61	24.61	24.62	24.63	24.63	24.62	24.62	24.61	24.60	24.61	24.61	24.61	24.60	24.61	24.61	24.60	24.59	24.61	24.63	24.58	
5	24.58	24.56	24.55	24.55	24.54	24.53	24.55	24.55	24.55	24.54	24.54	24.53	24.51	24.49	24.48	24.47	24.46	24.46	24.45	24.45	24.46	24.47	24.46	24.46	24.51	24.58	24.45	
6	24.45	24.44	24.44	24.43	24.44	24.44	24.46	24.45	24.44	24.44	24.44	24.42	24.40	24.39	24.38	24.36	24.35	24.34	24.34	24.34	24.35	24.36	24.36	24.36	24.40	24.46	24.34	
7	24.35	24.35	24.34	24.34	24.34	24.34	24.36	24.36	24.35	24.37	24.38	24.39	24.39	24.39	24.40	24.40	24.40	24.41	24.42	24.44	24.46	24.47	24.48	24.49	24.39	24.49	24.34	
8	24.50	24.50	24.50	24.51	24.50	24.51	24.53	24.54	24.54	24.54	24.54	24.53	24.53	24.52	24.53	24.53	24.52	24.52	24.51	24.52	24.53	24.54	24.54	24.55	24.52	24.55	24.50	
9	24.55	24.55	24.55	24.55	24.55	24.55	24.57	24.57	24.57	24.56	24.55	24.55	24.54	24.53	24.53	24.53	24.53	24.54	24.55	24.55	24.56	24.57	24.57	24.58	24.55	24.58	24.53	
10	24.59	24.58	24.59	24.59	24.59	24.61	24.65	24.68	24.71	24.72	24.73	24.74	24.73	24.71	24.70	24.70	24.69	24.69	24.70	24.71	24.73	24.73	24.74	24.74	24.68	24.74	24.58	
11	24.74	24.74	24.72	24.71	24.70	24.69	24.69	24.69	24.67	24.66	24.65	24.64	24.62	24.61	24.59	24.57	24.56	24.56	24.55	24.55	24.56	24.57	24.57	24.57	24.63	24.74	24.55	
12	24.58	24.57	24.56	24.56	24.55	24.55	24.56	24.57	24.56	24.55	24.54	24.53	24.52	24.51	24.49	24.47	24.46	24.45	24.44	24.44	24.45	24.47	24.48	24.48	24.51	24.58	24.44	
13	24.48	24.48	24.47	24.47	24.48	24.49	24.50	24.50	24.48	24.46	24.44	24.42	24.40	24.38	24.34	24.31	24.28	24.24	24.23	24.24	24.30	24.34	24.35	24.38	24.39	24.50	24.23	
14	24.37	24.38	24.38	24.39	24.40	24.42	24.43	24.44	24.44	24.43	24.43	24.42	24.40	24.39	24.38	24.38	24.37	24.36	24.37	24.39	24.42	24.43	24.43	24.44	24.40	24.44	24.36	
15	24.44	24.45	24.45	24.44	24.44	24.45	24.47	24.47	24.46	24.44	24.43	24.42	24.40	24.39	24.38	24.38	24.36	24.35	24.35	24.36	24.36	24.36	24.37	24.37	24.41	24.47	24.35	
16	24.36	24.35	24.34	24.33	24.33	24.34	24.34	24.34	24.34	24.33	24.32	24.31	24.33	24.31	24.30	24.29	24.29	24.31	24.32	24.33	24.33	24.33	24.34	24.34	24.33	24.36	24.29	
17	24.34	24.33	24.33	24.32	24.32	24.32	24.33	24.33	24.33	24.32	24.32	24.32	24.32	24.31	24.31	24.31	24.31	24.31	24.32	24.33	24.34	24.34	24.35	24.35	24.33	24.35	24.31	
18	24.35	24.35	24.35	24.35	24.35	24.36	24.37	24.38	24.38	24.37	24.37	24.36	24.36	24.35	24.36	24.36	24.36	24.37	24.37	24.39	24.39	24.41	24.41	24.41	24.41	24.37	24.41	24.35
19	24.41	24.42	24.42	24.42	24.43	24.43	24.44	24.44	24.45	24.46	24.47	24.47	24.48	24.48	24.49	24.50	24.50	24.51	24.52	24.52	24.53	24.54	24.54	24.54	24.48	24.54	24.41	
20	24.54	24.54	24.54	24.55	24.56	24.57	24.58	24.59	24.59	24.59	24.59	24.59	24.59	24.59	24.59	24.57	24.56	24.56	24.56	24.56	24.56	24.56	24.54	24.53	24.57	24.59	24.53	
21	24.52	24.51	24.49	24.48	24.48	24.48	24.48	24.48	24.47	24.45	24.44	24.42	24.40	24.39	24.37	24.35	24.33	24.32	24.32	24.32	24.33	24.33	24.34	24.34	24.41	24.52	24.32	
22	24.33	24.32	24.30	24.29	24.28	24.28	24.28	24.28	24.28	24.29	24.29	24.29	24.30	24.30	24.30	24.30	24.33	24.30	24.32	24.30	24.30	24.32	24.30	24.30	24.30	24.30	24.33	24.28
23	24.28	24.26	24.26	24.28	24.28	24.29	24.29	24.30	24.31	24.31	24.32	24.32	24.32	24.32	24.32	24.31	24.32	24.31	24.30	24.30	24.29	24.29	24.32	24.31	24.28	24.30	24.32	24.26
24	24.28	24.28	24.29	24.29	24.30	24.32	24.33	24.34	24.36	24.36	24.36	24.36	24.35	24.36	24.36	24.36	24.35	24.35	24.35	24.36	24.38	24.40	24.40	24.40	24.35	24.40	24.28	
25	24.39	24.38	24.38	24.38	24.38	24.39	24.40	24.39	24.39	24.38	24.37	24.36	24.37	24.38	24.38	24.37	24.36	24.36	24.37	24.38	24.40	24.42	24.43	24.43	24.38	24.43	24.36	
26	24.42	24.42	24.42	24.42	24.42	24.42	24.42	24.41	24.40	24.40	24.39	24.38	24.37	24.36	24.35	24.34	24.34	24.35	24.35	24.34	24.38	24.37	24.35	24.35	24.38	24.42	24.34	
27	24.35	24.33	24.34	24.33	24.34	24.33	24.33	24.33	24.32	24.32	24.32	24.32	24.32	24.31	24.31	24.30	24.29	24.28	24.27	24.26	24.26	24.27	24.26	24.25	24.31	24.35	24.25	
28	24.24	24.23	24.23	24.22	24.21	24.21	24.21	24.21	24.22	24.22	24.22	24.22	24.21	24.21	24.22	24.21	24.21	24.21	24.21	24.22	24.23	24.23	24.23	24.23	24.22	24.24	24.21	
29	24.23	24.21	24.21	24.20	24.19	24.19	24.19	24.19	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.17	24.17	24.17	24.17	24.18	24.19	24.18	24.18	24.19	24.23	24.17	
30	24.19	24.18	24.18	24.19	24.20	24.20	24.21	24.23	24.24	24.25	24.26	24.27	24.27	24.28	24.30	24.31	24.32	24.33	24.34	24.34	24.35	24.36	24.37	24.37	24.27	24.37	24.18	
31	24.37	24.37	24.37	24.38	24.39	24.40	24.41	24.41	24.43	24.44	24.46	24.47	24.49	24.51	24.54	24.56	24.58	24.60	24.62	24.64	24.65	24.66	24.67	24.66	24.50	24.67	24.37	
Avg	24.45	24.44	24.44	24.44	24.44	24.45	24.45	24.46	24.46	24.46	24.45	24.45	24.44	24.44	24.44	24.43	24.43	24.43	24.43	24.43	24.44	24.45	24.45	24.45	24.44	24.50	24.38	
Max	24.85	24.86	24.86	24.86	24.86	24.86	24.85	24.86	24.85	24.83	24.81	24.79	24.76	24.75	24.75	24.76	24.76	24.77	24.78	24.79	24.81	24.82	24.83	24.85	24.76	24.86	24.61	
Min	24.19	24.18	24.18	24.19	24.19	24.19	24.19	24.19	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.17	24.17	24.17	24.17	24.18	24.19	24.18	24.18	24.19	24.23	24.17	

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
June 2013

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	24.66	24.66	24.66	24.65	24.65	24.65	24.64	24.65	24.65	24.63	24.62	24.61	24.59	24.57	24.56	24.55	24.54	24.52	24.51	24.51	24.51	24.50	24.50	24.48	24.59	24.66	24.48	
2	24.47	24.45	24.45	24.45	24.44	24.42	24.41	24.40	24.39	24.37	24.35	24.32	24.30	24.29	24.30	24.29	24.29	24.29	24.28	24.29	24.28	24.30	24.29	24.27	24.35	24.47	24.27	
3	24.27	24.26	24.26	24.26	24.26	24.26	24.26	24.26	24.26	24.27	24.28	24.31	24.33	24.35	24.38	24.40	24.42	24.44	24.46	24.47	24.49	24.49	24.49	24.50	24.35	24.50	24.26	
4	24.51	24.51	24.51	24.51	24.52	24.54	24.55	24.56	24.58	24.59	24.59	24.60	24.60	24.60	24.60	24.60	24.60	24.60	24.60	24.61	24.61	24.62	24.61	24.61	24.58	24.62	24.51	
5	24.60	24.58	24.57	24.57	24.57	24.57	24.58	24.58	24.57	24.56	24.55	24.54	24.53	24.52	24.51	24.49	24.49	24.48	24.47	24.47	24.48	24.49	24.49	24.49	24.53	24.60	24.47	
6	24.49	24.49	24.49	24.50	24.50	24.52	24.54	24.54	24.54	24.54	24.54	24.54	24.53	24.52	24.52	24.50	24.49	24.48	24.47	24.47	24.49	24.50	24.49	24.48	24.51	24.54	24.47	
7	24.47	24.46	24.45	24.44	24.44	24.44	24.44	24.43	24.41	24.40	24.39	24.36	24.35	24.34	24.33	24.31	24.29	24.28	24.28	24.28	24.30	24.32	24.34	24.34	24.37	24.47	24.28	
8	24.35	24.36	24.38	24.39	24.40	24.42	24.42	24.42	24.42	24.41	24.41	24.41	24.41	24.40	24.40	24.40	24.39	24.39	24.39	24.40	24.40	24.42	24.43	24.43	24.40	24.43	24.35	
9	24.44	24.44	24.43	24.43	24.42	24.43	24.43	24.41	24.40	24.38	24.35	24.34	24.32	24.31	24.29	24.29	24.28	24.27	24.28	24.30	24.31	24.33	24.33	24.34	24.36	24.44	24.27	
10	24.35	24.36	24.36	24.35	24.35	24.37	24.37	24.37	24.36	24.35	24.35	24.34	24.33	24.32	24.30	24.28	24.27	24.28	24.29	24.30	24.31	24.32	24.32	24.32	24.33	24.37	24.27	
11	24.33	24.32	24.31	24.32	24.32	24.33	24.34	24.33	24.33	24.33	24.34	24.36	24.34	24.35	24.36	24.37	24.40	24.39	24.37	24.43	24.47	24.46	24.47	24.49	24.37	24.49	24.31	
12	24.49	24.50	24.49	24.48	24.48	24.48	24.48	24.46	24.46	24.46	24.46	24.45	24.44	24.41	24.40	24.38	24.39	24.42	24.41	24.42	24.41	24.42	24.45	24.45	24.43	24.40	24.45	24.38
13	24.38	24.39	24.38	24.38	24.38	24.38	24.39	24.38	24.39	24.39	24.40	24.38	24.38	24.37	24.39	24.42	24.41	24.42	24.41	24.42	24.44	24.45	24.45	24.44	24.40	24.45	24.37	
14	24.43	24.41	24.41	24.40	24.40	24.42	24.43	24.43	24.44	24.44	24.45	24.46	24.47	24.47	24.47	24.46	24.46	24.46	24.47	24.47	24.48	24.50	24.52	24.52	24.45	24.52	24.40	
15	24.50	24.50	24.50	24.50	24.49	24.51	24.51	24.51	24.51	24.50	24.50	24.49	24.48	24.48	24.47	24.46	24.45	24.45	24.45	24.46	24.48	24.50	24.51	24.51	24.49	24.51	24.45	
16	24.52	24.52	24.52	24.52	24.52	24.54	24.55	24.55	24.55	24.54	24.55	24.55	24.55	24.55	24.55	24.54	24.54	24.55	24.54	24.55	24.56	24.58	24.59	24.59	24.55	24.59	24.52	
17	24.59	24.58	24.58	24.58	24.57	24.58	24.58	24.57	24.57	24.56	24.56	24.55	24.53	24.52	24.51	24.50	24.49	24.48	24.47	24.47	24.47	24.49	24.50	24.49	24.53	24.59	24.47	
18	24.48	24.47	24.46	24.45	24.45	24.44	24.43	24.43	24.41	24.39	24.38	24.37	24.35	24.33	24.32	24.30	24.30	24.27	24.25	24.24	24.24	24.24	24.24	24.25	24.35	24.48	24.24	
19	24.25	24.23	24.21	24.21	24.21	24.20	24.19	24.18	24.17	24.15	24.14	24.14	24.12	24.11	24.13	24.15	24.16	24.16	24.29	24.26	24.22	24.23	24.24	24.24	24.19	24.29	24.11	
20	24.25	24.26	24.25	24.26	24.26	24.27	24.29	24.31	24.33	24.35	24.37	24.38	24.41	24.41	24.40	24.40	24.41	24.41	24.42	24.43	24.45	24.47	24.48	24.47	24.36	24.48	24.25	
21	24.47	24.46	24.45	24.45	24.45	24.46	24.47	24.47	24.46	24.46	24.46	24.45	24.46	24.46	24.46	24.46	24.47	24.47	24.47	24.47	24.48	24.49	24.48	24.48	24.47	24.49	24.45	
22	24.47	24.46	24.44	24.44	24.44	24.45	24.45	24.45	24.45	24.45	24.45	24.46	24.45	24.44	24.43	24.41	24.42	24.43	24.44	24.45	24.46	24.46	24.45	24.44	24.45	24.47	24.41	
23	24.42	24.41	24.40	24.39	24.39	24.39	24.39	24.39	24.37	24.36	24.35	24.34	24.32	24.31	24.30	24.30	24.29	24.28	24.28	24.28	24.28	24.29	24.28	24.27	24.34	24.42	24.27	
24	24.26	24.25	24.24	24.24	24.23	24.22	24.22	24.21	24.19	24.18	24.18	24.18	24.18	24.17	24.17	24.17	24.19	24.20	24.20	24.22	24.22	24.23	24.22	24.22	24.21	24.26	24.17	
25	24.24	24.26	24.27	24.28	24.29	24.30	24.31	24.32	24.32	24.33	24.34	24.34	24.34	24.34	24.33	24.32	24.32	24.33	24.35	24.35	24.37	24.38	24.38	24.39	24.32	24.39	24.24	
26	24.39	24.40	24.40	24.42	24.42	24.44	24.46	24.46	24.48	24.48	24.49	24.50	24.49	24.49	24.49	24.49	24.50	24.52	24.54	24.55	24.56	24.58	24.59	24.59	24.49	24.59	24.39	
27	24.60	24.60	24.61	24.62	24.62	24.64	24.66	24.66	24.65	24.65	24.66	24.67	24.67	24.67	24.67	24.67	24.67	24.66	24.67	24.68	24.69	24.72	24.72	24.73	24.66	24.73	24.60	
28	24.73	24.73	24.73	24.73	24.74	24.75	24.76	24.75	24.75	24.74	24.74	24.74	24.73	24.72	24.71	24.70	24.68	24.68	24.67	24.68	24.68	24.70	24.70	24.71	24.72	24.76	24.67	
29	24.70	24.70	24.70	24.70	24.70	24.70	24.69	24.68	24.67	24.66	24.65	24.65	24.64	24.62	24.60	24.61	24.65	24.62	24.61	24.61	24.62	24.64	24.63	24.63	24.65	24.70	24.60	
30	24.62	24.61	24.60	24.61	24.60	24.61	24.61	24.62	24.63	24.62	24.62	24.62	24.62	24.62	24.61	24.62	24.61	24.61	24.62	24.63	24.64	24.66	24.67	24.68	24.62	24.68	24.60	
Avg	24.46	24.45	24.45	24.45	24.45	24.46	24.46	24.46	24.46	24.45	24.45	24.45	24.44	24.44	24.43	24.43	24.43	24.43	24.43	24.44	24.45	24.46	24.46	24.46	24.45	24.52	24.38	
Max	24.73	24.73	24.73	24.73	24.74	24.75	24.76	24.75	24.75	24.74	24.74	24.74	24.73	24.72	24.71	24.70	24.68	24.68	24.67	24.68	24.69	24.72	24.72	24.73	24.72	24.76	24.67	
Min	24.24	24.23	24.21	24.21	24.21	24.20	24.19	24.18	24.17	24.15	24.14	24.14	24.12	24.11	24.13	24.15	24.16	24.16	24.20	24.22	24.22	24.23	24.22	24.22	24.19	24.26	24.11	

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (RH)
April 2013

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	80.6	82.9	84.7	85.8	82.0	82.2	84.6	75.3	61.9	47.4	44.7	44.4	40.6	36.8	36.6	34.4	35.7	38.6	44.2	46.4	41.3	45.0	50.5	59.7	56.9	85.8	34.4
2	64.3	72.6	77.8	83.8	84.5	84.1	81.8	74.3	61.0	48.1	37.5	37.2	37.2	34.6	33.3	32.4	32.2	34.4	40.9	55.4	65.0	72.6	79.6	81.2	58.6	84.5	32.2
3	79.3	73.2	79.0	81.3	83.6	84.1	84.0	80.5	69.7	54.0	50.3	50.9	47.3	50.6	50.1	46.5	44.5	44.6	51.9	64.9	69.1	74.0	75.3	78.8	65.3	84.1	44.5
4	83.9	85.6	86.3	88.0	87.5	88.7	88.4	82.6	67.4	54.7	44.8	42.3	38.1	35.2	31.6	33.2	34.5	39.0	56.7	76.0	84.1	78.0	70.2	74.0	64.6	88.7	31.6
5	80.8	86.3	89.6	92.1	92.1	92.6	90.4	80.2	76.6	67.2	60.6	55.9	52.6	49.8	43.7	41.5	40.0	42.0	44.6	48.3	54.9	59.3	63.6	63.5	65.3	92.6	40.0
6	66.3	67.4	65.5	73.1	78.5	81.1	81.4	70.2	56.9	53.8	53.8	52.2	54.9	59.6	60.4	71.1	82.2	83.4	84.9	77.1	81.6	85.2	88.2	88.8	71.6	88.8	52.2
7	81.3	82.2	83.3	83.5	85.1	85.6	83.7	85.2	81.4	79.0	77.8	71.4	71.5	70.5	83.9	89.6	84.5	84.1	89.8	95.1	90.1	88.7	90.1	89.9	83.6	95.1	70.5
8	88.8	83.4	79.3	77.9	74.4	73.1	73.3	74.3	69.4	69.8	66.6	71.7	78.0	77.0	78.0	79.6	80.1	81.8	81.4	81.1	81.2	82.6	82.5	82.0	77.8	88.8	66.6
9	81.3	80.1	79.0	77.9	77.2	77.5	76.5	76.6	78.1	64.4	56.9	56.6	50.8	58.0	63.2	63.7	64.2	69.3	73.4	79.6	81.4	82.3	81.4	82.7	72.2	82.7	50.8
10	84.9	84.9	84.9	85.3	85.0	84.3	83.7	80.4	73.3	66.2	69.4	69.0	68.6	66.1	64.8	61.7	61.7	60.5	72.2	79.9	81.8	77.4	72.5	75.2	74.7	85.3	60.5
11	75.5	73.1	73.1	75.1	80.9	83.5	81.4	83.1	80.2	71.0	63.8	51.4	46.1	43.7	44.8	41.8	39.3	40.6	44.8	50.9	54.6	58.4	63.4	70.9	62.1	83.5	39.3
12	74.8	83.8	87.5	85.0	83.8	88.8	90.4	85.9	77.0	66.1	59.0	53.4	48.1	45.4	39.2	38.1	39.2	37.8	41.5	47.1	51.7	54.2	55.1	58.6	62.1	90.4	37.8
13	60.8	67.6	86.5	93.6	95.7	94.1	92.4	88.4	82.3	66.8	59.0	54.1	48.6	50.5	46.7	37.0	35.5	37.1	50.4	51.3	58.2	65.4	67.6	70.8	65.0	95.7	35.5
14	76.8	85.1	81.5	77.3	77.5	77.0	75.5	74.9	74.0	71.5	67.1	64.0	62.0	60.4	61.1	60.8	61.9	66.1	70.1	69.9	73.9	82.8	83.0	82.8	72.4	85.1	60.4
15	83.2	83.5	84.3	83.1	82.8	81.2	79.5	71.8	65.7	60.4	58.6	55.2	54.4	51.9	51.4	50.0	49.9	51.0	54.8	62.8	67.0	70.6	71.5	76.0	66.7	84.3	49.9
16	75.7	77.5	79.5	80.3	80.0	80.1	78.3	72.6	63.4	59.1	52.6	48.4	45.9	46.7	50.5	49.9	46.2	53.2	57.3	60.8	64.9	69.5	74.7	76.0	64.3	80.3	45.9
17	79.3	80.3	81.0	81.7	80.9	81.5	79.2	75.4	67.1	69.1	64.6	59.8	61.6	54.1	52.4	44.8	41.5	42.8	43.4	52.9	61.2	67.2	67.9	69.6	65.0	81.7	41.5
18	71.6	74.4	76.8	78.5	79.2	79.8	76.1	66.1	50.6	49.0	46.3	44.1	41.3	42.1	42.8	40.8	42.9	42.8	48.0	51.7	52.2	53.1	60.0	63.8	57.2	79.8	40.8
19	64.4	66.9	67.2	74.8	79.0	80.7	82.7	83.6	86.6	91.2	91.2	89.2	87.6	84.4	85.1	89.0	90.5	89.4	84.4	79.4	79.3	83.5	88.7	92.4	83.0	92.4	64.4
20	92.7	93.1	92.6	92.5	92.5	94.3	94.2	89.8	80.2	73.9	67.7	63.8	58.4	47.8	48.6	43.2	43.1	43.4	49.1	53.1	55.0	56.5	63.9	83.7	69.7	94.3	43.1
21	88.8	89.6	81.0	75.3	75.0	72.8	72.8	70.6	68.5	71.0	73.2	75.3	73.7	69.2	71.9	82.9	77.8	80.0	79.3	85.6	82.8	82.9	79.5	75.4	77.3	89.6	68.5
22	72.5	77.3	76.9	78.0	78.0	79.1	67.7	58.7	51.4	55.0	75.9	75.8	67.4	74.0	76.1	71.2	59.8	49.9	46.2	54.4	68.3	77.3	75.8	75.2	68.4	79.1	46.2
23	75.5	75.7	76.6	77.2	77.9	78.2	74.4	69.1	61.2	58.4	56.5	50.5	43.7	39.9	36.7	35.0	37.6	43.1	50.3	59.3	65.0	72.4	81.0	79.0	61.4	81.0	35.0
24	79.8	82.8	84.4	89.4	91.1	90.7	87.4	81.7	73.6	66.7	62.8	50.2	44.5	42.3	37.8	34.2	31.9	31.0	32.8	35.6	38.5	40.0	41.6	39.3	57.9	91.1	31.0
25	40.0	39.1	47.7	47.9	53.2	51.4	46.9	44.2	43.2	40.4	38.5	35.8	34.4	31.8	28.9	26.2	26.6	28.8	31.6	36.2	44.1	59.9	65.8	72.9	42.3	72.9	26.2
26	78.2	81.5	83.3	85.0	86.2	86.4	81.3	70.3	48.1	41.1	36.2	32.7	29.8	28.3	26.0	25.2	26.3	28.3	31.1	37.3	51.4	63.4	67.3	74.4	54.1	86.4	25.2
27	78.3	61.9	47.1	43.6	47.8	54.3	49.0	37.4	34.9	36.2	35.3	29.2	25.6	23.8	23.1	22.4	23.7	25.3	25.8	27.6	31.3	35.5	41.0	48.1	37.8	78.3	22.4
28	54.5	57.0	56.3	55.6	57.5	58.3	60.4	59.6	51.3	49.3	46.0	41.4	42.5	34.3	36.1	35.3	32.0	31.8	34.6	38.3	39.1	44.8	49.0	44.9	46.2	60.4	31.8
29	46.6	48.8	54.7	65.0	67.9	64.4	46.7	47.7	53.8	57.1	47.1	41.9	30.5	22.1	23.4	26.2	35.7	28.8	29.8	35.3	35.7	38.5	58.5	78.4	45.2	78.4	22.1
30	81.4	79.2	79.8	81.3	84.3	77.9	71.3	67.5	62.7	66.2	62.3	54.7	57.7	51.4	53.8	54.4	51.8	54.1	59.2	64.3	71.9	77.8	79.9	80.4	67.7	84.3	51.4
Avg	74.7	75.9	76.9	78.3	79.4	79.6	77.2	72.6	65.7	60.8	57.5	54.1	51.4	49.4	49.4	48.7	48.4	49.4	53.5	58.6	62.6	66.6	69.6	72.9	63.9	84.8	43.4
Max	92.7	93.1	92.6	93.6	95.7	94.3	94.2	89.8	86.6	91.2	91.2	89.2	87.6	84.4	85.1	89.6	90.5	89.4	89.8	95.1	90.1	88.7	90.1	92.4	83.6	95.7	70.5
Min	40.0	39.1	47.1	43.6	47.8	51.4	46.7	37.4	34.9	36.2	35.3	29.2	25.6	22.1	23.1	22.4	23.7	25.3	25.8	27.6	31.3	35.5	41.0	39.3	37.8	60.4	22.1

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Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (RH)
May 2013

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	79.3	80.5	79.4	80.9	81.2	79.8	73.8	64.0	56.4	50.4	46.9	43.0	44.3	48.5	43.2	45.2	33.3	35.2	40.9	46.4	54.8	64.9	70.2	74.5	59.0	81.2	33.3
2	78.4	80.4	80.7	82.4	81.9	80.2	73.9	61.0	43.2	35.7	31.7	26.9	23.7	21.5	19.3	18.4	19.1	18.0	18.3	26.0	38.8	50.7	59.2	65.8	47.3	82.4	18.0
3	68.1	72.5	74.1	75.2	78.1	75.5	71.2	61.9	55.9	59.2	58.0	74.0	70.5	80.4	78.9	78.5	78.0	79.5	86.1	90.5	92.5	93.2	94.3	93.7	76.7	94.3	55.9
4	91.9	93.6	93.4	93.6	94.0	90.5	85.9	82.0	77.5	70.8	67.4	62.7	63.1	59.1	58.1	54.2	57.7	60.6	70.4	68.3	65.0	65.6	67.7	68.4	73.4	94.0	54.2
5	68.9	78.8	80.1	80.5	82.8	83.7	71.2	50.3	46.2	44.1	40.4	39.1	36.7	35.2	34.6	33.2	33.6	34.5	37.2	42.4	52.9	60.5	64.2	72.7	54.3	83.7	33.2
6	76.5	77.5	79.0	78.4	82.8	82.5	74.9	60.8	40.6	35.7	31.9	28.4	27.3	26.8	25.7	25.9	26.5	27.4	29.3	36.1	37.9	38.5	43.8	48.2	47.6	82.8	25.7
7	56.2	65.9	71.2	73.8	75.4	74.8	69.0	54.1	37.2	37.3	35.4	37.0	37.6	36.4	32.6	28.7	28.0	30.3	36.0	43.0	48.6	51.4	54.8	57.4	48.8	75.4	28.0
8	66.8	77.4	84.5	86.1	89.0	89.2	75.5	60.6	45.2	39.1	35.1	33.4	34.9	34.7	49.1	53.3	37.2	32.5	38.4	47.6	54.2	57.7	64.2	67.9	56.4	89.2	32.5
9	72.7	77.2	80.7	85.1	87.4	89.3	79.9	64.2	45.7	38.3	33.4	30.8	31.0	30.8	28.6	35.5	39.7	43.1	46.4	50.4	64.2	68.5	76.4	79.1	57.4	89.3	28.6
10	85.0	87.3	89.5	91.1	92.3	91.2	80.3	58.6	58.3	56.8	60.5	54.1	46.5	41.8	37.2	35.5	35.8	35.3	36.9	44.3	51.0	59.5	62.7	62.0	60.6	92.3	35.3
11	57.4	58.2	60.4	70.5	75.4	81.9	68.2	48.0	38.7	35.7	35.2	34.9	33.2	28.9	25.7	23.0	24.6	29.0	30.8	35.7	48.4	57.4	63.8	73.0	47.4	81.9	23.0
12	74.5	80.4	82.5	84.3	87.1	87.6	78.3	66.8	43.9	33.5	27.6	26.5	30.4	28.7	28.4	28.0	29.1	31.6	33.4	32.8	46.5	61.6	66.8	71.9	52.6	87.6	26.5
13	77.2	78.9	78.2	82.1	82.6	85.5	81.9	63.9	46.5	40.7	31.8	28.6	26.7	25.2	22.1	20.5	20.7	21.5	22.6	21.9	39.9	47.2	55.0	57.9	48.3	85.5	20.5
14	60.6	61.2	53.6	55.4	62.6	58.1	51.6	46.9	42.4	39.1	34.4	28.7	19.1	20.0	22.7	22.9	21.9	22.4	22.6	20.9	23.8	28.8	40.2	44.7	37.7	62.6	19.1
15	51.0	56.9	65.2	68.2	74.0	72.5	60.7	39.0	34.1	34.8	33.4	30.6	26.9	25.1	24.9	24.9	26.0	26.8	38.5	41.2	42.7	47.3	52.3	58.6	44.0	74.0	24.9
16	68.3	70.4	71.5	75.1	77.2	80.7	81.9	79.5	69.2	62.3	55.6	52.0	80.1	77.5	58.3	51.2	52.2	73.9	81.7	87.8	88.2	85.7	88.6	90.6	73.3	90.6	51.2
17	92.5	91.8	91.4	92.2	94.8	95.5	94.0	87.5	72.4	66.3	58.3	63.3	70.7	75.6	69.8	75.3	83.4	89.8	93.6	95.1	94.4	92.5	92.3	94.1	84.4	95.5	58.3
18	95.3	95.4	95.2	95.5	94.2	95.0	93.8	89.6	83.8	76.9	78.9	73.4	69.2	67.0	64.7	63.0	70.2	80.1	83.2	86.0	86.6	91.3	93.6	91.7	83.9	95.5	63.0
19	92.8	92.6	90.7	90.7	90.2	88.3	88.1	86.7	84.7	85.9	84.8	82.5	83.0	85.0	85.6	83.6	81.2	79.7	87.1	85.8	85.7	87.0	91.4	92.5	86.9	92.8	79.7
20	91.5	89.3	90.6	89.7	89.9	90.0	90.5	86.2	82.1	81.8	84.7	77.2	85.3	84.5	76.6	69.0	66.4	61.2	66.0	74.4	80.7	84.4	86.4	91.7	82.1	91.7	61.2
21	92.4	91.7	93.7	94.1	94.4	91.4	87.2	70.2	51.7	37.0	31.4	33.0	31.3	29.3	28.1	27.1	26.4	23.9	26.9	36.0	40.5	48.9	62.0	71.6	55.0	94.4	23.9
22	74.8	75.4	78.6	79.5	79.9	80.3	74.6	71.4	69.8	73.6	72.2	69.2	68.4	65.4	62.8	64.1	73.9	73.3	76.4	82.1	78.4	78.2	79.4	83.7	74.4	83.7	62.8
23	84.7	85.6	85.4	88.7	91.4	91.3	90.3	88.7	89.7	91.2	93.6	90.9	90.1	89.5	90.1	88.0	91.6	92.6	91.8	93.1	94.5	93.5	93.7	93.9	90.6	94.5	84.7
24	93.2	94.5	93.2	92.8	93.6	90.5	81.7	80.0	72.6	64.7	56.0	51.3	43.6	38.7	37.0	36.3	35.2	37.0	42.4	61.9	61.3	68.8	78.1	81.7	66.1	94.5	35.2
25	84.6	86.7	88.4	89.7	90.3	88.2	80.8	67.3	49.7	43.2	40.9	44.4	39.6	39.7	34.3	33.7	37.7	41.1	49.2	59.9	63.8	71.2	75.0	84.6	61.8	90.3	33.7
26	86.0	85.8	89.0	90.1	91.4	89.2	85.6	71.5	57.7	53.6	52.5	50.4	47.9	50.4	40.4	35.2	37.6	68.3	79.1	78.4	85.5	89.3	88.9	93.5	70.7	93.5	35.2
27	95.2	93.6	95.3	95.8	96.2	96.4	95.6	88.0	79.7	79.0	81.8	89.5	82.8	81.2	80.0	71.4	65.3	62.7	57.3	65.2	84.6	89.5	89.7	91.1	83.6	96.4	57.3
28	90.4	92.2	91.7	90.9	91.3	92.7	90.8	92.1	89.8	87.1	86.4	80.7	75.7	72.8	82.7	76.1	71.3	67.7	71.9	78.5	86.2	88.1	91.4	91.0	84.6	92.7	67.7
29	90.6	91.4	92.7	93.3	93.0	92.7	91.6	90.2	83.8	75.4	70.8	75.3	78.2	77.9	80.8	81.8	85.5	80.1	80.0	88.0	91.7	93.2	93.9	95.3	86.1	95.3	70.8
30	95.3	94.1	90.8	91.7	92.4	91.3	90.7	89.6	88.2	87.7	86.5	85.3	84.3	84.4	81.0	83.6	84.8	84.2	83.4	80.5	81.9	84.7	86.8	87.3	87.1	95.3	80.5
31	87.9	87.1	87.0	89.3	90.1	90.9	91.9	91.6	90.8	88.3	88.2	86.9	85.3	82.8	82.8	82.4	84.4	86.6	86.3	87.5	89.6	91.0	90.4	93.2	88.0	93.2	82.4
Avg	80.0	82.1	83.2	84.7	86.4	86.0	80.8	71.4	62.2	58.2	55.7	54.3	53.8	53.1	51.2	50.0	50.3	52.6	56.3	60.9	66.3	70.6	74.7	78.2	66.8	88.6	45.4
Max	95.3	95.4	95.3	95.8	96.2	96.4	95.6	92.1	90.8	91.2	93.6	90.9	90.1	89.5	90.1	88.0	91.6	92.6	93.6	95.1	94.5	93.5	94.3	95.3	90.6	96.4	84.7
Min	51.0	56.9	53.6	55.4	62.6	58.1	51.6	39.0	34.1	33.5	27.6	26.5	19.1	20.0	19.3	18.4	19.1	18.0	18.3	20.9	23.8	28.8	40.2	44.7	37.7	62.6	18.0

A-26

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (RH)
June 2013

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	93.7	94.5	94.7	93.7	94.5	93.9	89.7	77.3	69.1	63.1	58.9	50.0	47.6	42.3	40.3	40.4	39.6	38.1	47.9	62.5	63.1	65.6	67.4	70.9	66.6	94.7	38.1
2	75.3	74.7	77.7	84.1	90.0	88.6	84.8	72.5	64.4	56.9	51.8	54.2	61.7	70.4	88.2	88.7	91.5	90.9	92.1	94.5	93.7	92.7	92.8	92.8	80.2	94.5	51.8
3	91.4	91.5	90.7	91.1	91.3	91.8	92.2	92.5	90.1	88.6	87.1	87.0	85.5	83.2	83.9	79.6	79.4	78.4	78.1	81.7	84.4	85.7	88.1	88.4	86.7	92.5	78.1
4	91.2	90.6	90.5	89.9	89.9	91.2	88.6	86.7	79.2	74.8	73.5	74.5	73.0	66.8	62.7	63.0	57.9	57.2	55.4	61.9	81.5	85.1	86.0	90.2	77.6	91.2	55.4
5	90.4	90.9	91.4	92.2	93.6	91.6	83.6	70.8	57.5	49.5	43.9	35.7	36.2	33.4	31.2	32.3	33.2	34.0	34.8	44.0	66.7	73.8	78.9	85.8	61.5	93.6	31.2
6	86.2	89.0	90.9	92.5	93.1	89.9	82.4	66.4	50.3	49.1	45.8	41.9	40.8	35.3	34.8	34.3	33.8	31.5	31.8	49.9	59.5	66.6	72.2	78.7	60.3	93.1	31.5
7	81.7	83.3	90.5	93.4	91.8	87.6	82.3	71.4	56.6	52.4	41.4	35.2	34.0	38.1	39.0	37.7	38.8	42.6	41.0	36.0	44.1	66.2	66.7	71.2	59.3	93.4	34.0
8	73.7	65.0	75.9	83.5	85.2	82.8	79.7	67.0	62.5	54.7	45.8	40.7	36.6	33.1	29.0	26.2	25.9	27.6	31.7	35.5	39.8	54.7	68.6	74.4	54.2	85.2	25.9
9	80.4	84.9	84.4	87.5	88.0	85.5	74.8	56.8	44.3	41.3	35.3	33.8	31.4	28.7	25.5	20.5	15.9	16.9	23.6	26.5	28.8	33.4	34.0	48.6	47.1	88.0	15.9
10	63.0	70.1	70.7	76.3	84.1	76.4	68.3	49.8	30.1	29.2	26.1	27.4	26.7	26.7	27.4	26.8	28.5	41.7	46.1	47.6	53.8	57.7	62.5	62.9	49.2	84.1	26.1
11	68.7	79.2	83.5	84.3	87.9	89.8	83.2	70.1	68.7	79.9	78.0	77.1	70.0	64.2	67.7	72.9	70.9	79.2	79.5	82.4	85.3	91.1	92.9	94.5	79.2	94.5	64.2
12	94.8	95.1	93.4	96.4	96.8	96.2	87.6	74.4	73.7	71.0	69.0	65.1	60.9	54.2	54.9	69.3	66.7	84.5	82.1	83.8	87.0	79.1	81.8	87.4	79.4	96.8	54.2
13	85.6	92.4	92.9	91.5	95.6	96.5	97.0	92.0	85.0	90.2	82.4	76.6	72.7	74.7	80.9	87.6	82.6	84.5	77.3	79.9	83.3	86.2	87.4	78.3	85.5	97.0	72.7
14	82.3	89.6	92.3	93.0	93.4	93.1	91.3	80.0	69.3	62.6	59.5	57.6	55.1	51.5	50.9	37.6	37.4	38.8	41.1	43.1	51.6	60.1	60.5	69.0	65.0	93.4	37.4
15	72.1	74.4	81.1	84.8	88.3	83.2	74.9	53.8	46.9	40.3	35.1	34.5	31.8	25.7	27.1	25.9	21.6	21.8	25.9	34.3	55.3	62.0	68.3	81.8	52.1	88.3	21.6
16	84.1	86.0	87.1	87.2	89.9	84.6	70.0	57.7	40.1	35.1	34.3	33.8	35.0	35.8	35.5	41.0	34.0	34.4	40.3	54.1	63.3	71.7	73.9	73.8	57.6	89.9	33.8
17	77.6	82.7	86.8	89.3	87.5	83.5	69.8	56.4	58.0	55.9	51.0	48.5	45.8	43.6	43.0	47.5	52.0	47.2	49.3	50.8	55.5	59.7	61.5	69.9	61.4	89.3	43.0
18	66.7	67.9	71.1	67.3	81.3	78.8	66.4	62.1	53.8	42.3	40.1	35.1	24.9	25.0	37.4	43.6	46.7	48.0	46.3	47.4	46.0	47.5	48.4	55.5	52.1	81.3	24.9
19	66.9	70.3	74.3	81.0	86.8	82.4	73.3	75.5	61.2	50.7	43.6	40.7	39.4	39.4	60.0	82.2	85.6	80.0	90.1	89.2	88.2	92.0	90.8	85.8	72.1	92.0	39.4
20	78.4	80.9	78.6	83.4	82.4	78.2	68.0	62.0	63.1	65.6	66.5	68.7	76.9	67.2	56.5	50.5	61.2	53.4	58.2	69.5	81.6	83.1	84.3	87.3	71.1	87.3	50.5
21	88.6	88.8	90.6	91.8	90.0	89.1	83.5	69.1	57.3	54.1	57.1	57.7	71.5	71.1	69.4	71.9	58.7	53.8	54.4	66.3	80.5	87.2	89.8	89.6	74.2	91.8	53.8
22	88.5	89.0	89.0	90.7	92.8	91.1	89.9	86.2	75.5	73.6	71.3	77.1	78.1	68.0	63.2	67.3	61.8	82.2	79.4	89.2	90.8	92.5	91.3	94.1	82.2	94.1	61.8
23	93.8	94.8	95.5	95.9	96.0	95.6	93.3	82.7	64.7	52.4	48.1	44.7	42.2	40.9	41.4	40.6	41.5	43.2	45.5	60.4	70.7	74.1	75.8	78.2	67.2	96.0	40.6
24	80.4	85.6	87.3	89.3	89.4	86.4	86.6	73.0	58.0	43.9	42.0	44.7	44.1	43.0	47.1	55.3	64.8	76.2	77.2	83.6	87.7	90.7	88.3	90.2	71.5	90.7	42.0
25	89.4	88.4	91.9	94.2	95.6	95.4	94.2	75.6	64.5	58.9	61.6	52.6	46.0	45.6	42.9	38.9	36.4	41.1	56.9	66.8	85.7	80.7	88.9	87.1	70.0	95.6	36.4
26	88.2	90.8	92.6	92.4	93.4	92.6	89.1	73.3	67.0	56.7	54.5	51.2	47.9	45.7	45.1	47.5	50.0	54.3	51.1	55.0	70.2	75.7	82.4	85.4	68.8	93.4	45.1
27	88.1	90.1	92.1	92.4	93.8	88.6	76.9	65.4	60.8	52.0	46.6	44.2	39.9	38.6	34.7	32.8	30.8	34.2	38.3	51.7	59.3	68.0	72.1	77.1	61.2	93.8	30.8
28	86.8	86.0	88.4	91.4	90.9	87.7	74.7	63.3	51.1	41.7	41.1	40.3	39.3	37.6	35.7	34.1	34.9	32.0	35.2	43.2	57.9	70.6	78.6	80.5	59.3	91.4	32.0
29	86.1	88.3	90.0	90.7	92.1	86.7	80.1	64.4	55.4	54.3	44.6	33.9	32.2	27.0	31.7	50.1	77.3	75.5	61.9	65.5	71.2	81.1	84.1	89.9	67.3	92.1	27.0
30	91.3	93.1	94.4	96.0	95.4	92.5	84.6	75.0	77.2	58.5	46.4	44.3	44.0	45.2	37.5	33.2	34.3	38.2	42.7	50.6	61.2	73.1	82.8	85.8	65.7	96.0	33.2
Avg	82.8	84.9	87.0	88.9	90.7	88.4	82.0	70.8	61.8	56.6	52.7	50.3	49.0	46.7	47.5	49.3	49.8	52.0	53.8	60.2	68.3	73.6	76.7	80.2	66.8	91.8	41.1
Max	94.8	95.1	95.5	96.4	96.8	96.5	97.0	92.5	90.1	90.2	87.1	87.0	85.5	83.2	88.2	88.7	91.5	90.9	92.1	94.5	93.7	92.7	92.9	94.5	86.7	97.0	78.1
Min	63.0	65.0	70.7	67.3	81.3	76.4	66.4	49.8	30.1	29.2	26.1	27.4	24.9	25.0	25.5	20.5	15.9	16.9	23.6	26.5	28.8	33.4	34.0	48.6	47.1	81.3	15.9

A-27

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Precipitation (Inches)
June 2013

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

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