TINTINA RESOURCES, INC.
BLACK BUTTE COPPER PROJECT AMBIENT AIR MONITORING PROGRAM
Quarterly Data Report
Third Quarter 2016

Prepared for:

Tintina Resources, Inc.
PO Box 431
White Sulphur Springs, MT 59645

Prepared by:

Bison Engineering, Inc.
2751 Enterprise Ave., Ste. 2
Billings, MT 59102
(406) 896-1716
http://www.bison-eng.com

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CERTIFICATION OF DATA INTEGRITY

Bison Engineering, Inc., certifies the data in this report is an accurate summary of the ambient conditions measured at the Black Butte Copper Project air monitoring site. Every effort was made to obtain accurate and representative data and to comply with the procedures set forth in the project-specific *Quality Assurance Project Plan*, the *State of Montana Ambient Air Monitoring Program Quality Assurance Project Plan (April 2013)*, and the Environmental Protection Agency's *Quality Assurance Handbook for Air Pollution Measurement Systems: Volume I, A Field Guide to Environmental Quality Assurance (April 1994), Volume II, Ambient Air Quality Program (May 2013), and Volume IV, Meteorological Measurements (March 2008).*

Preparer: Jeffrey S. Bell

Signature:

Title: Senior Field Technician

Date: November 11, 2016

Reviewer: Steven R. Heck

Signature:

Title: Meteorologist

Date: November 11, 2016

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1.0 INTRODUCTION

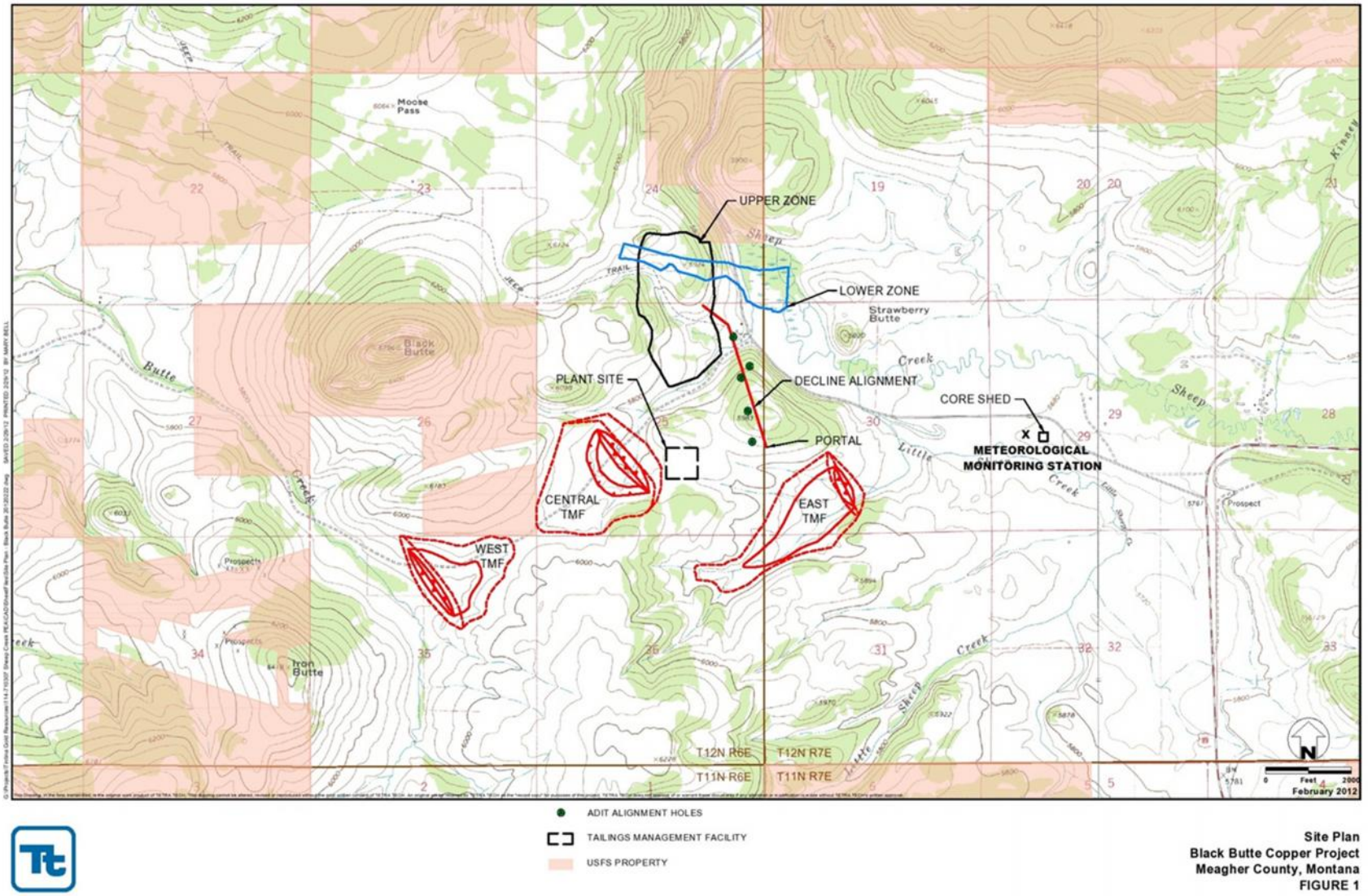
Tintina Resources, Inc. established an ambient air monitoring site to measure wind speed, wind direction, standard deviation of wind direction, temperature at 9 meters and 2 meters, delta temperature, solar radiation, barometric pressure, and precipitation. The station was established to accurately characterize the local meteorology and collect baseline data in support of an operating permit application and various environmental studies.

The meteorological monitoring system was installed in April 2012. The site is operated by Bison Engineering, Inc., of Helena and Billings. Figure 1 shows the location of the monitoring site.

This report presents the data collected during the third quarter (July through September) of 2016. In addition, a description of the monitoring system operations is presented, together with summaries of quality assurance activities, including calibrations and performance audits. Tabular summaries of the data completeness achieved and the periods of missing data also are presented. Appendix A presents the hourly meteorological data.

On June 23, 2015, an evaporation pan and manual precipitation gauge were installed adjacent to the existing meteorological system. The evaporation data will be used for hydrological / water balance studies. The manual rain gauge was installed to provide a backup data source for the existing automatic rain gauge, which has experienced occasional mechanical problems. Also, the automatic rain gauge is sometimes unreliable for measuring frozen precipitation.

Figure 1. Monitoring Site Location



2.0 MONITORING SYSTEM OPERATIONS

The installation of the monitoring meteorological system equipment took place in April 2012, soon after the equipment was received from the manufacturers. The installation and calibration of the equipment required about two weeks to complete. All meteorological sensors were in full operation and producing valid data by April 30, 2012.

Steve Heck of Bison conducted performance audits of the meteorological system on September 28, 2016 and made any necessary calibration adjustments to the meteorological system following the audits. The Bison report of the audits is presented in Appendix B.

Manual measurements of evaporation and precipitation were recorded by Tintina's on-site personnel two to three times per week.

3.0 CALIBRATION DATA

As discussed in Section 4.0, the system's as-found condition was audited on September 28, 2016. All results were acceptable and no calibration adjustments were required. However, both aspirator fans (which draw ambient air past the temperature sensors) were replaced as preventive maintenance. Appendix B presents the calibration results.

4.0 PERFORMANCE AUDIT DATA

Steve Heck of Bison conducted performance audits of the meteorological system on September 28, 2016. No calibration adjustments were made to the system based on those results. The Bison report of the audits is presented in Appendix B.

5.0 DATA COMPLETENESS

The meteorological percentages of data recovery achieved during the third quarter of 2016 are given in Tables 1 and 2. In these tables, the number of possible data values during each month of the quarter is given, together with the number of valid readings and the number of hours spent on quality assurance activities (such as calibrations, performance audits, and maintenance on the sensors). The quality assurance hours are added to the number of hours of valid data to compute the net percentage data recovery.

During the third quarter the net percentage data recovery was 100.0 percent for all parameters at the site.

Table 1. Monthly Data Completeness

July 2016					
Parameter	Readings Possible	Valid Readings	Percentage Recovery	Quality Assurance Hours	Net Percentage Recovery
Black Butte Copper Project Met Tower					
Wind Speed	744	744	100.0	0	100.0
Wind Direction	744	744	100.0	0	100.0
Standard Deviation	744	744	100.0	0	100.0
Temperature 9 Meters	744	744	100.0	0	100.0
Temperature 2 Meters	744	744	100.0	0	100.0
Temperature Delta T	744	744	100.0	0	100.0
Solar Radiation	744	744	100.0	0	100.0
Barometric Pressure	744	744	100.0	0	100.0
Relative Humidity	744	744	100.0	0	100.0
Precipitation	744	744	100.0	0	100.0
Total	7,440	7,440	100.0	0	100.0

Table 1. Monthly Data Completeness (Continued)

August 2016					
Parameter	Readings Possible	Valid Readings	Percentage Recovery	Quality Assurance Hours	Net Percentage Recovery
Black Butte Copper Project Met Tower					
Wind Speed	744	744	100.0	0	100.0
Wind Direction	744	744	100.0	0	100.0
Standard Deviation	744	744	100.0	0	100.0
Temperature 9 Meters	744	744	100.0	0	100.0
Temperature 2 Meters	744	744	100.0	0	100.0
Temperature Delta T	744	744	100.0	0	100.0
Solar Radiation	744	744	100.0	0	100.0
Barometric Pressure	744	744	100.0	0	100.0
Relative Humidity	744	744	100.0	0	100.0
Precipitation	744	744	100.0	0	100.0
Total	7,440	7,440	100.0	0	100.0

Table 1. Monthly Data Completeness (Continued)

September 2016					
Parameter	Readings Possible	Valid Readings	Percentage Recovery	Quality Assurance Hours	Net Percentage Recovery
Black Butte Copper Project Met Tower					
Wind Speed	720	715	99.3	5	100.0
Wind Direction	720	715	99.3	5	100.0
Standard Deviation	720	715	99.3	5	100.0
Temperature 9 Meters	720	715	99.3	5	100.0
Temperature 2 Meters	720	715	99.3	5	100.0
Temperature Delta T	720	715	99.3	5	100.0
Solar Radiation	720	715	99.3	5	100.0
Barometric Pressure	720	715	99.3	5	100.0
Relative Humidity	720	715	99.3	5	100.0
Precipitation	720	715	99.3	5	100.0
Total	7,200	7,150	99.3	50	100.0

Table 2. Quarterly Data Completeness

Third Quarter 2016					
Parameter	Readings Possible	Valid Readings	Percentage Recovery	Quality Assurance Hours	Net Percentage Recovery
Black Butte Copper Project Met Tower					
Wind Speed	2,208	2,203	99.8	5	100.0
Wind Direction	2,208	2,203	99.8	5	100.0
Standard Deviation	2,208	2,203	99.8	5	100.0
Temperature 9 Meters	2,208	2,203	99.8	5	100.0
Temperature 2 Meters	2,208	2,203	99.8	5	100.0
Temperature Delta T	2,208	2,203	99.8	5	100.0
Solar Radiation	2,208	2,203	99.8	5	100.0
Barometric Pressure	2,208	2,203	99.8	5	100.0
Relative Humidity	2,208	2,203	99.8	5	100.0
Precipitation	2,208	2,203	99.8	5	100.0
Total	22,080	22,030	99.8	50	100.0

6.0 MONITORING DATA

The hourly data values collected at the monitoring sites are given in the data tables in Appendix A. Each of these tables presents one month's data for one parameter in the monitoring system. In addition, the average, maximum, and minimum values for each parameter for each day are listed (for wind direction, the prevailing wind direction for the day is given). For those hours with missing data, a code is given that explains the reason the data were missing. These codes are given in Table 3.

Monthly and quarterly wind rose distributions from the monitoring site are presented in Tables 4 through 7. These tables give the percentage frequency of occurrence of winds from 16 cardinal directions and from 22 wind speed ranges. These same data are presented graphically in Figures 2 through 5. In the wind rose figures, the length of each "petal" of the rose is proportional to the percentage of time the wind blew from that direction. On the bottom of each figure is a histogram showing the average wind speed from each of the cardinal wind directions.

A separate compilation of data collected from the evaporation pan and manual rain gauge is presented in Appendix C. For comparison purposes, the precipitation amounts reported by the automatic rain gauge over the same time periods are provided. Overall, the precipitation amounts obtained from the manual gauge were similar to those reported by the automated rain gauge.

Table 3. Missing Data Codes

Mnemonic Code	Description	Equivalent EPA Null Value Reason Code
Sc	Scheduled but not collected	9972
Ti	Sample time out of limits	9973
Fi	Filter damage	9976
Op	Voided by operator	9978
ND	Machine malfunction	9980
Wx	Bad weather	9981
Co	Collection error	9983
Lb	Lab error	9984
QA	Poor quality assurance results	9985
Pwr	Power failure	9988
Wi	Wildlife damage	9989
AZ	Automatic zero/span check	9991
ZS	Manual zero/span check	9986
Au	Performance audit	9992
Ma	Routine maintenance/repairs	9993
Ca	Multipoint calibration	9995
PZ	Precision/zero/span	9998

Table 4. Monthly Wind Rose Summary, Black Butte Copper Project Met Tower

July 2016																	
	Direction>>>	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (meters per second)	0.1 - 1.0	0.7	1.6	1.1	1.7	0.3	1.5	0.8	0.5	0.3	0.4	0.4	0.1	0.5	0.1	0.8	1.1	12.0
	1.1 - 2.0	1.2	0.9	3.4	2.8	4.3	4.8	3.5	1.3	0.5	0.4	0.5	0.0	0.1	1.1	0.4	1.2	26.6
	2.1 - 3.0	0.4	0.1	0.3	2.2	3.8	1.5	0.9	0.7	0.3	0.3	0.3	0.7	1.1	1.5	1.9	1.6	17.3
	3.1 - 4.0	0.3	0.0	0.3	0.5	1.3	0.4	0.5	0.5	0.7	0.0	0.0	0.9	2.2	3.1	1.6	0.8	13.2
	4.1 - 5.0	0.1	0.4	0.1	0.1	0.4	0.0	0.5	0.3	0.1	0.3	0.4	0.9	4.3	2.7	1.7	0.1	12.6
	5.1 - 6.0	0.1	0.1	0.0	0.0	0.1	0.0	0.4	0.7	0.0	0.1	0.5	1.5	2.2	1.6	0.9	0.3	8.6
	6.1 - 7.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.8	0.0	0.1	0.0	0.5	1.2	0.5	1.1	0.1	5.0
	7.1 - 8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.1	0.0	0.1	1.5	0.8	0.4	0.0	3.4
	8.1 - 9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.5	0.1	0.4	0.0	1.3
	9.1 - 10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10.1 - 11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	11.1 - 12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	12.1 - 13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13.1 - 14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14.1 - 15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15.1 - 16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	16.1 - 17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.1 - 18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	18.1 - 19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19.1 - 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Calm																	0.0
	Total	2.8	3.4	5.1	7.4	10.2	8.2	7.5	5.0	1.9	1.7	2.2	5.0	13.6	11.6	9.3	5.2	100.0
	Average Speed	2.0	1.9	1.6	1.8	2.3	1.7	2.7	3.5	2.5	3.2	3.1	4.7	4.9	4.2	4.1	2.4	3.2

Table 5. Monthly Wind Rose Summary, Black Butte Copper Project Met Tower

August 2016																	
Direction>>>		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (meters per second)	0.1 - 1.0	1.6	1.5	1.2	1.3	2.2	1.1	0.5	0.4	0.3	0.0	0.0	0.3	0.1	0.0	1.1	0.9	12.5
	1.1 - 2.0	0.9	1.5	2.3	3.5	5.0	4.0	3.6	1.7	0.7	0.4	0.4	0.0	0.5	1.3	1.3	1.1	28.4
	2.1 - 3.0	0.7	0.8	0.7	1.5	3.2	1.1	1.1	0.4	0.0	0.3	0.4	0.9	1.3	1.7	2.7	0.7	17.5
	3.1 - 4.0	0.9	0.4	0.5	1.5	1.1	0.7	0.5	0.7	0.4	0.1	0.0	0.5	1.7	1.6	2.4	1.3	14.5
	4.1 - 5.0	0.4	0.4	0.3	0.4	0.3	0.3	0.8	0.3	0.3	0.4	0.1	0.5	1.9	2.0	1.5	0.7	10.5
	5.1 - 6.0	0.5	0.4	0.0	0.1	0.0	0.1	0.8	0.1	0.1	0.3	0.1	0.4	0.9	0.9	1.1	0.8	6.9
	6.1 - 7.0	0.3	0.1	0.0	0.1	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.3	1.1	1.1	0.4	0.1	4.6
	7.1 - 8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.8	1.1	0.7	0.3	0.1	3.6
	8.1 - 9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.1	0.0	0.0	0.7
	9.1 - 10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.0	0.0	0.8
	10.1 - 11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
	11.1 - 12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	12.1 - 13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13.1 - 14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14.1 - 15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15.1 - 16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	16.1 - 17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.1 - 18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	18.1 - 19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19.1 - 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calm																		0.0
Total		5.4	5.1	5.0	8.5	11.7	7.3	8.5	4.3	1.7	1.5	1.2	4.0	9.4	9.9	10.8	5.8	100.0
Average Speed		2.6	2.3	1.8	2.2	1.9	1.9	3.1	3.1	2.7	3.4	3.4	4.8	4.8	4.3	3.3	3.1	3.1

Table 6. Monthly Wind Rose Summary, Black Butte Copper Project Met Tower

September 2016																	
	Direction>>>	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (meters per second)	0.1 - 1.0	1.4	1.1	1.7	1.1	0.8	0.8	1.7	1.1	0.6	0.3	0.1	0.4	0.3	0.3	0.3	0.6	12.6
	1.1 - 2.0	1.0	0.7	1.8	2.7	4.1	4.9	4.5	1.7	0.7	0.7	1.1	1.1	1.1	1.3	1.1	0.8	29.2
	2.1 - 3.0	0.3	0.1	0.8	1.7	3.1	1.3	1.3	0.7	0.1	0.6	0.4	0.7	1.0	1.1	1.3	0.8	15.2
	3.1 - 4.0	0.3	0.6	0.1	0.4	0.7	0.6	0.3	1.1	0.1	0.3	0.7	0.8	1.4	2.2	1.5	1.3	12.4
	4.1 - 5.0	0.3	0.6	0.1	0.1	0.4	0.0	0.0	0.6	0.0	0.4	0.3	1.0	3.2	2.4	1.3	0.4	11.0
	5.1 - 6.0	0.3	0.6	0.0	0.0	0.0	0.0	0.4	1.3	0.1	0.3	0.6	1.4	1.3	0.8	0.7	0.3	8.0
	6.1 - 7.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.1	0.0	0.1	0.6	1.1	0.8	0.8	0.0	4.5
	7.1 - 8.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.1	2.0	0.4	0.0	0.0	3.1
	8.1 - 9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.4	0.8	0.0	2.4
	9.1 - 10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.3	0.0	0.8
	10.1 - 11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.6
	11.1 - 12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
	12.1 - 13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13.1 - 14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14.1 - 15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15.1 - 16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	16.1 - 17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.1 - 18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	18.1 - 19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19.1 - 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Calm																	0.0
	Total	3.8	3.6	4.6	6.0	9.1	7.6	8.4	7.1	1.8	2.7	3.4	6.7	13.0	9.9	8.1	4.2	100.0
	Average Speed	2.4	2.7	1.6	1.8	2.1	1.7	1.9	3.4	2.2	3.1	3.2	4.3	5.3	4.2	4.4	2.8	3.2

Table 7. Quarterly Wind Rose Summary, Black Butte Copper Project Met Tower

Third Quarter 2016																	
Direction>>>		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (meters per second)	0.1 - 1.0	1.2	1.4	1.3	1.4	1.1	1.1	1.0	0.7	0.4	0.2	0.2	0.3	0.3	0.1	0.7	0.9	12.3
	1.1 - 2.0	1.0	1.0	2.5	3.0	4.4	4.6	3.9	1.6	0.6	0.5	0.7	0.4	0.6	1.2	1.0	1.0	28.1
	2.1 - 3.0	0.5	0.4	0.6	1.8	3.4	1.3	1.1	0.6	0.1	0.4	0.4	0.8	1.1	1.5	2.0	1.0	16.7
	3.1 - 4.0	0.5	0.3	0.3	0.8	1.0	0.5	0.5	0.8	0.4	0.1	0.2	0.8	1.8	2.3	1.9	1.1	13.4
	4.1 - 5.0	0.3	0.5	0.2	0.2	0.4	0.1	0.5	0.4	0.1	0.4	0.3	0.8	3.1	2.4	1.5	0.4	11.4
	5.1 - 6.0	0.3	0.4	0.0	0.0	0.0	0.0	0.5	0.7	0.1	0.2	0.4	1.1	1.5	1.1	0.9	0.5	7.8
	6.1 - 7.0	0.1	0.1	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.5	1.1	0.8	0.8	0.1	4.7
	7.1 - 8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.1	0.0	0.4	1.5	0.6	0.2	0.0	3.4
	8.1 - 9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.2	0.4	0.0	1.5
	9.1 - 10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.0	0.5
	10.1 - 11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2
	11.1 - 12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	12.1 - 13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13.1 - 14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14.1 - 15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15.1 - 16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	16.1 - 17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	17.1 - 18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	18.1 - 19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19.1 - 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calm																		0.0
Total		4.0	4.0	4.9	7.3	10.3	7.7	8.1	5.4	1.8	2.0	2.2	5.2	12.0	10.5	9.4	5.1	100.0
Average Speed		2.4	2.3	1.7	2.0	2.1	1.8	2.6	3.3	2.5	3.2	3.2	4.6	5.0	4.2	3.9	2.8	3.1

Figure 2. Monthly Wind Rose, Black Butte Copper Project Met Tower

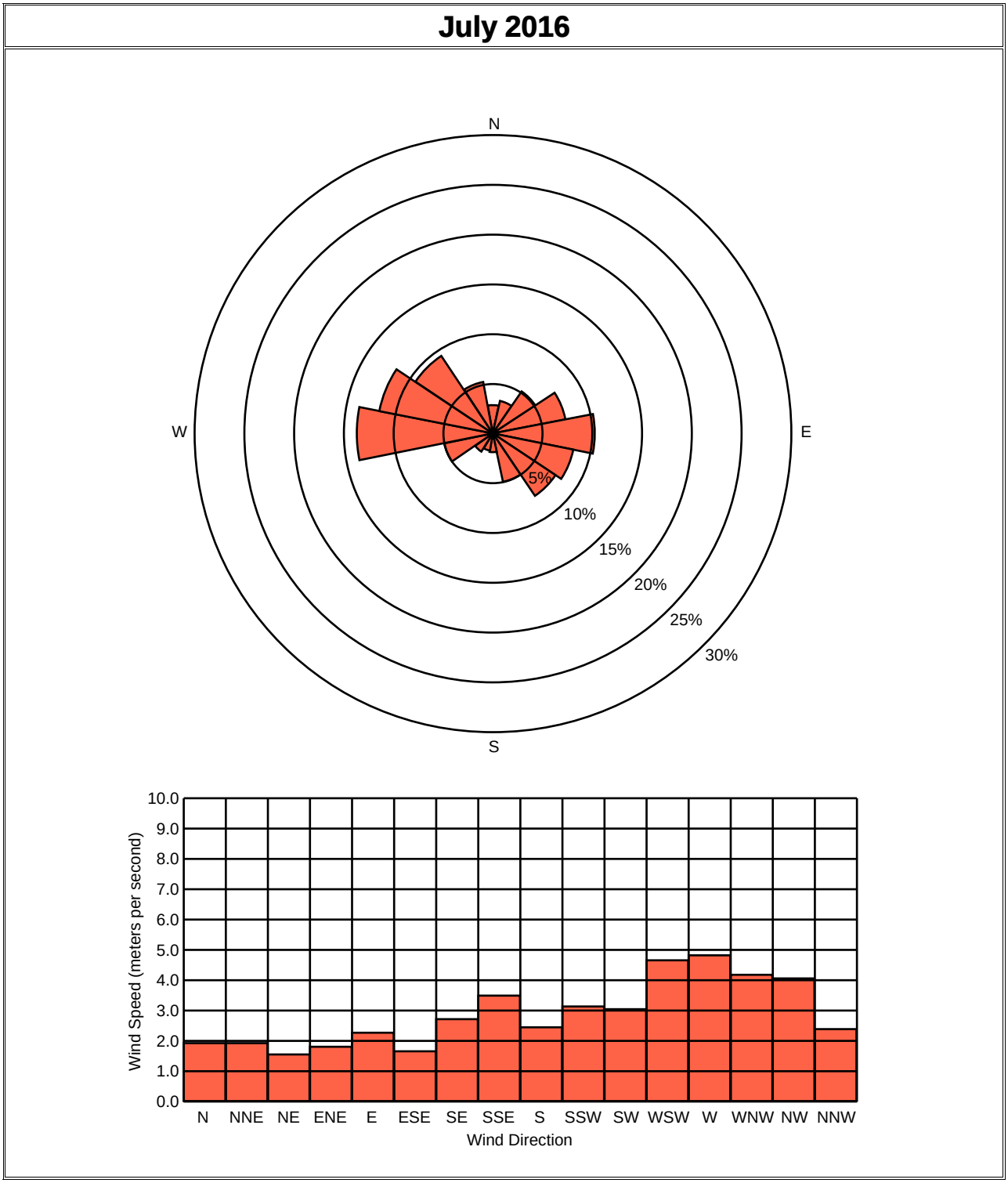


Figure 3. Monthly Wind Rose, Black Butte Copper Project Met Tower

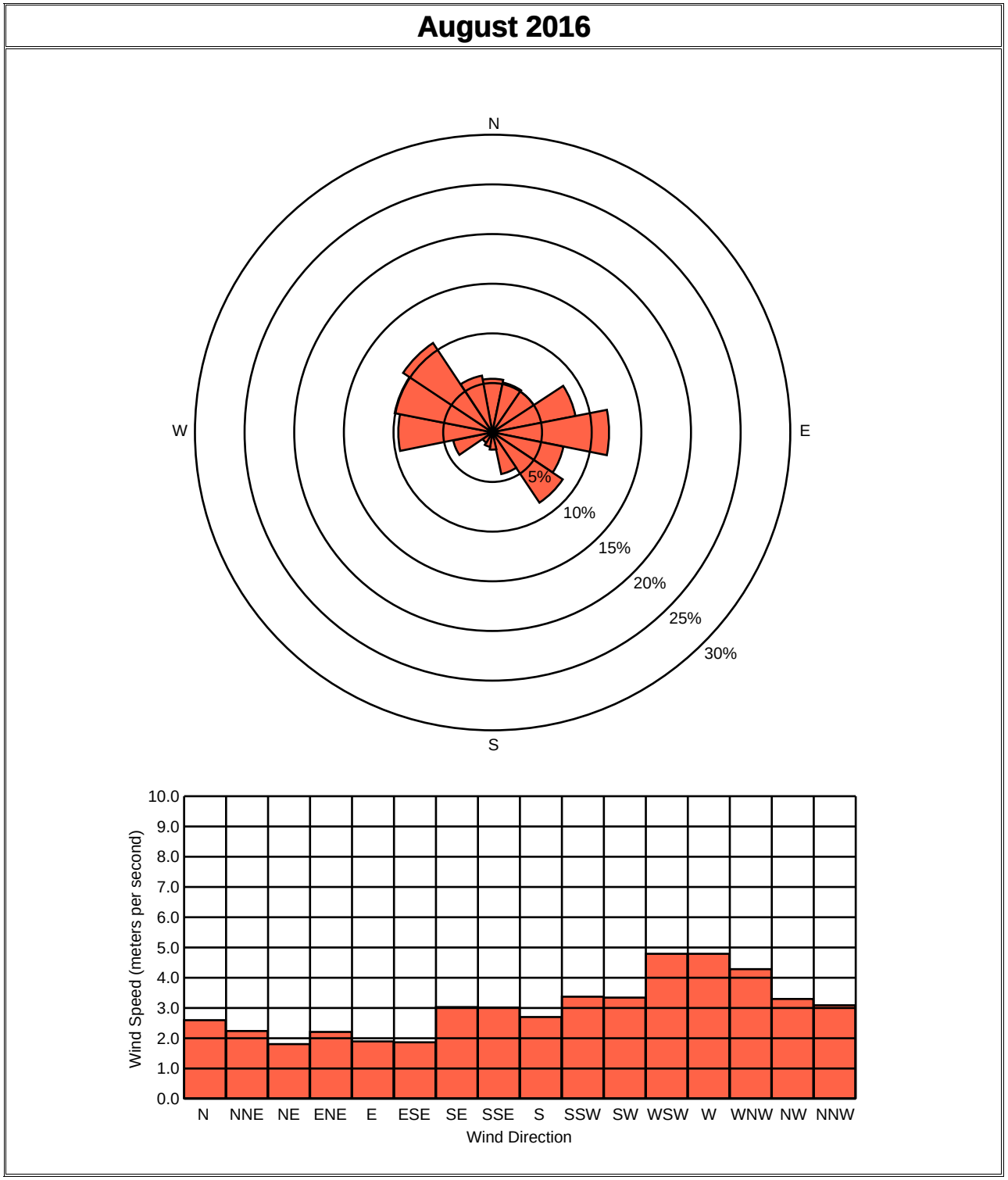


Figure 4. Monthly Wind Rose, Black Butte Copper Project Met Tower

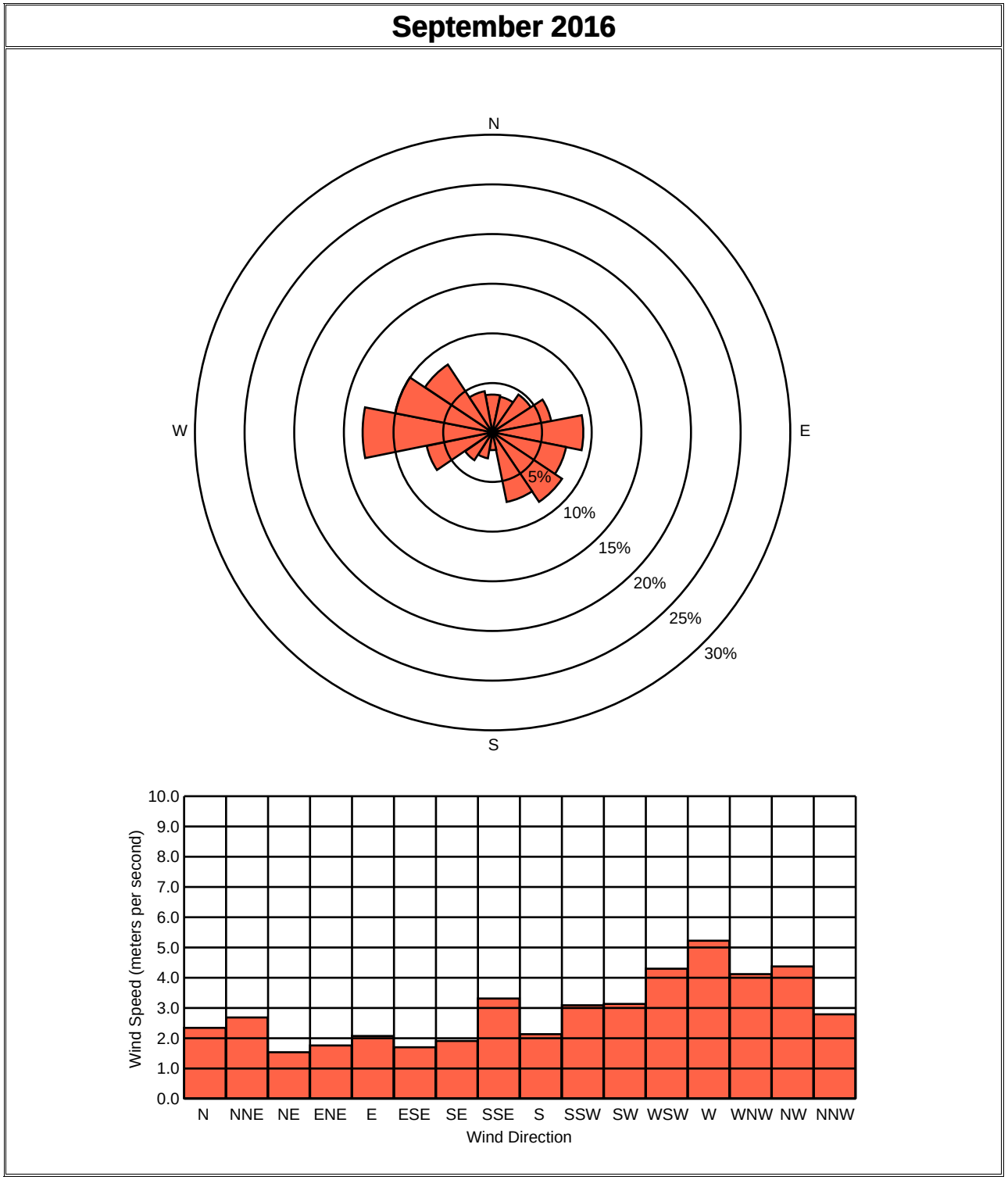
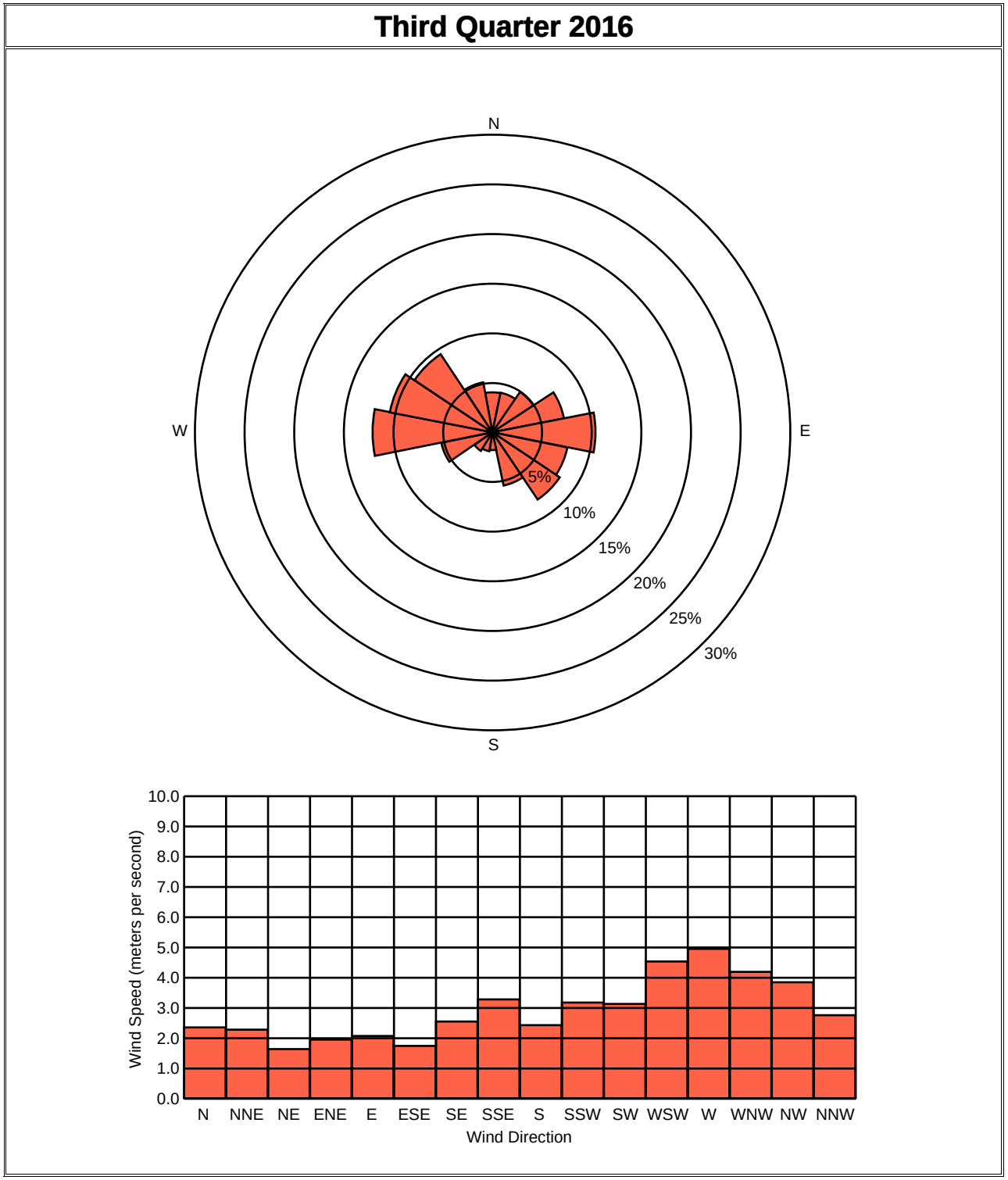


Figure 5. Quarterly Wind Rose, Black Butte Copper Project Met Tower



APPENDIX A: HOURLY AIR QUALITY AND METEOROLOGICAL DATA, THIRD QUARTER 2016

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Speed (meters per second)
July 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.7	2.6	1.8	2.5	2.0	1.3	0.9	0.7	2.0	3.1	2.8	3.8	3.1	4.2	4.5	4.6	2.7	2.4	1.3	2.5	3.0	1.1	2.9	1.6	2.5	4.6	0.7
2	1.5	0.8	1.1	1.3	1.6	1.3	0.8	0.9	1.0	3.5	4.8	3.7	5.4	5.9	4.4	3.7	4.1	3.9	5.1	5.8	3.5	7.3	3.9	1.7	3.2	7.3	0.8
3	1.9	2.0	2.3	1.8	1.3	1.4	0.9	1.1	5.5	7.4	8.3	8.7	7.5	7.4	7.7	7.5	8.6	8.0	7.2	5.8	6.5	3.6	3.1	1.8	4.9	8.7	0.9
4	1.5	1.4	2.2	1.8	1.6	0.9	0.7	0.7	4.1	5.0	6.0	5.1	6.8	6.1	6.4	6.8	7.1	7.7	8.2	7.0	5.5	3.5	2.3	3.6	4.2	8.2	0.7
5	1.1	2.9	2.2	1.8	1.5	0.9	1.2	3.6	6.1	5.0	4.3	4.8	4.4	4.6	4.8	3.2	3.5	3.5	3.8	4.0	1.5	1.6	1.4	1.1	3.0	6.1	0.9
6	1.1	0.8	1.1	1.0	1.2	1.0	1.5	2.1	2.1	2.8	4.9	5.0	8.9	6.6	4.3	6.1	8.7	8.9	7.1	5.6	2.6	1.2	1.9	2.3	3.7	8.9	0.8
7	1.6	1.9	1.5	1.7	1.6	1.0	1.0	1.7	4.5	3.9	4.0	4.0	4.5	4.1	2.7	2.9	3.2	2.1	2.2	1.9	1.6	2.5	2.5	2.1	2.5	4.5	1.0
8	0.9	1.1	0.9	0.9	1.0	0.9	0.7	0.9	3.7	4.3	3.5	5.1	5.9	4.1	3.3	4.9	4.6	3.0	4.8	2.0	2.7	3.1	1.2	1.1	2.7	5.9	0.7
9	1.1	1.0	1.3	1.0	0.7	0.5	0.7	0.7	1.2	2.8	4.1	4.0	3.7	4.7	5.4	5.7	4.6	1.3	2.2	2.7	2.8	1.5	1.3	2.2	2.4	5.7	0.5
10	2.1	1.7	1.9	1.5	1.6	1.2	1.1	0.9	0.8	1.2	2.1	2.8	2.5	3.3	6.3	4.2	1.6	2.3	2.0	2.1	1.8	1.3	3.1	3.3	2.2	6.3	0.8
11	1.7	4.7	5.7	5.1	5.0	7.2	6.0	5.1	5.4	4.4	5.1	6.2	7.3	7.9	7.3	8.7	8.7	7.5	6.2	6.3	2.6	4.5	2.7	2.5	5.6	8.7	1.7
12	2.5	2.6	2.3	2.1	1.9	1.1	0.8	1.2	3.8	4.0	4.4	4.8	5.6	5.0	5.7	5.4	5.2	5.6	5.4	3.9	5.1	2.5	1.8	1.4	3.5	5.7	0.8
13	1.7	1.5	1.9	2.0	2.0	1.4	1.4	2.5	3.5	4.2	4.8	3.6	2.2	3.1	2.7	2.2	4.9	5.0	3.5	3.8	3.2	3.9	3.7	1.9	2.9	5.0	1.4
14	2.4	2.4	1.6	1.4	1.6	1.6	0.9	0.8	2.8	5.0	3.4	3.7	3.8	4.5	4.4	3.4	2.8	2.3	2.1	1.5	1.2	1.7	1.3	1.0	2.4	5.0	0.8
15	1.3	2.1	3.7	2.1	1.3	1.1	1.3	4.3	6.2	7.0	6.9	5.8	5.0	5.4	5.7	6.2	4.6	3.0	3.8	3.6	3.1	2.9	2.0	3.7	3.8	7.0	1.1
16	2.1	1.5	2.7	1.5	2.5	1.2	1.4	2.1	3.4	4.0	5.7	4.3	3.6	4.1	3.8	2.1	4.2	3.6	3.3	1.6	1.3	1.6	1.3	1.1	2.7	5.7	1.1
17	1.0	0.6	0.9	0.6	0.9	0.7	0.7	2.6	5.7	6.1	4.2	2.8	3.4	2.1	2.8	2.4	2.9	4.7	4.2	4.4	3.9	1.8	2.3	1.4	2.6	6.1	0.6
18	1.0	1.8	2.5	2.8	2.6	2.1	3.0	5.5	7.0	7.8	6.8	6.0	6.0	5.7	6.4	7.1	7.6	8.6	6.2	2.5	1.1	1.6	1.6	1.3	4.4	8.6	1.0
19	1.2	1.6	1.7	1.7	1.7	1.3	1.5	0.7	0.9	3.6	3.5	4.7	4.5	5.4	5.2	5.8	4.7	5.3	5.2	5.4	3.4	2.6	1.6	1.6	3.1	5.8	0.7
20	2.3	1.6	1.3	1.0	1.4	1.7	1.0	1.3	1.7	3.5	1.5	5.0	6.7	7.2	6.4	5.1	4.4	2.6	2.8	3.9	1.2	1.4	1.3	1.2	2.8	7.2	1.0
21	1.0	0.7	0.6	1.0	1.0	1.4	0.7	0.7	0.8	2.0	4.0	4.9	5.5	5.3	4.7	3.0	3.0	1.9	2.0	1.4	3.4	2.1	1.4	1.6	2.3	5.5	0.6
22	2.4	1.3	1.6	1.8	1.4	1.0	0.6	1.8	3.6	3.7	3.9	6.8	4.5	6.1	7.5	2.9	3.3	6.6	7.0	7.1	6.6	7.0	5.8	4.6	4.1	7.5	0.6
23	5.9	5.0	6.8	5.0	4.1	2.3	5.4	7.6	7.7	5.1	5.0	5.1	4.2	4.8	4.1	4.2	3.5	4.5	4.9	3.5	2.1	2.1	2.6	2.2	4.5	7.7	2.1
24	2.0	1.7	1.0	1.4	1.0	0.7	1.1	0.9	2.4	2.7	4.5	5.0	4.6	4.8	3.7	4.5	4.9	3.6	2.4	1.8	2.4	2.3	2.4	1.5	2.6	5.0	0.7
25	1.3	0.9	1.0	0.7	1.2	0.7	0.6	0.8	0.8	2.1	2.8	2.6	3.2	2.9	3.0	3.3	6.3	3.8	3.6	3.3	5.5	2.8	2.2	1.9	2.4	6.3	0.6
26	1.0	1.6	1.0	1.2	1.4	1.0	1.2	0.8	0.9	1.1	2.3	3.6	2.9	2.9	2.8	4.6	5.9	3.6	4.6	5.7	3.5	3.3	2.0	1.4	2.5	5.9	0.8
27	1.4	1.5	1.5	1.3	1.2	0.7	1.1	0.7	0.8	3.0	3.6	4.0	4.3	4.6	4.1	4.8	5.3	5.0	2.4	1.7	2.7	1.1	1.5	1.7	2.5	5.3	0.7
28	1.3	1.4	1.3	1.0	1.5	0.9	1.1	0.8	0.9	1.9	2.6	3.3	3.7	5.0	4.0	4.0	4.3	2.9	2.6	2.4	4.1	5.2	1.9	1.4	2.5	5.2	0.8
29	1.6	1.5	1.8	1.2	0.9	1.0	1.1	0.8	0.9	1.4	2.8	4.0	4.1	5.1	3.5	2.4	2.3	1.6	4.8	3.4	3.2	3.2	2.9	2.7	2.4	5.1	0.8
30	2.7	2.8	1.0	1.8	1.9	1.8	1.6	0.8	1.7	3.4	4.7	4.7	6.0	6.5	5.2	4.8	4.8	5.3	3.5	1.5	2.9	2.6	2.1	2.0	3.2	6.5	0.8
31	1.9	1.7	1.0	1.3	1.2	1.2	0.9	0.8	1.4	2.8	5.2	5.9	6.9	6.8	7.1	6.9	6.2	5.3	5.9	5.2	3.2	2.2	2.7	1.5	3.6	7.1	0.8
Avg	1.7	1.8	1.9	1.7	1.7	1.4	1.4	1.8	3.0	3.8	4.3	4.6	4.9	5.0	4.8	4.6	4.8	4.4	4.2	3.7	3.1	2.7	2.3	1.9	3.2	6.4	0.9
Max	5.9	5.0	6.8	5.1	5.0	7.2	6.0	7.6	7.7	7.8	8.3	8.7	8.9	7.9	7.7	8.7	8.7	8.9	8.2	7.1	6.6	7.3	5.8	4.6	5.6	8.9	2.1
Min	0.9	0.6	0.6	0.6	0.7	0.5	0.6	0.7	0.8	1.1	1.5	2.6	2.2	2.1	2.7	2.1	1.6	1.3	1.3	1.4	1.1	1.1	1.2	1.0	2.2	4.5	0.5

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Speed (meters per second)
August 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.3	1.3	1.3	1.0	0.7	0.6	0.8	0.7	1.9	3.0	4.5	4.5	4.4	4.1	4.7	3.9	3.0	3.0	2.3	1.7	3.8	1.8	1.3	2.5	2.4	4.7	0.6
2	3.1	1.8	0.9	0.8	0.7	0.7	0.8	0.9	1.0	2.6	2.4	2.4	2.3	3.3	5.1	5.5	5.2	3.1	4.2	4.0	3.4	1.9	2.5	1.2	2.5	5.5	0.7
3	2.7	3.5	1.5	1.6	1.7	5.2	5.6	6.1	6.3	6.6	7.4	7.8	9.2	9.5	10.1	9.4	9.1	7.4	7.2	5.5	3.4	2.8	2.0	1.5	5.5	10.1	1.5
4	1.9	1.5	1.4	1.4	0.7	0.8	0.5	0.6	1.1	2.1	1.8	2.3	2.1	2.6	3.4	2.9	3.6	2.9	2.7	2.6	1.5	2.2	1.9	2.9	2.0	3.6	0.5
5	3.3	3.4	2.7	1.3	1.2	2.2	0.9	1.5	4.5	6.6	7.8	7.5	7.8	6.5	4.4	5.9	5.7	3.7	2.9	2.5	1.5	1.3	3.6	5.2	3.9	7.8	0.9
6	2.2	1.8	1.4	1.7	3.5	6.1	4.4	4.9	5.5	4.2	3.6	3.5	6.8	4.7	3.8	4.7	8.3	4.4	4.5	3.1	2.9	1.9	1.8	1.8	3.8	8.3	1.4
7	1.6	1.3	1.3	1.1	1.2	1.2	1.4	1.0	2.8	2.9	1.6	1.7	3.8	6.1	7.2	8.0	6.7	6.9	6.1	3.9	3.6	1.7	1.7	2.0	3.2	8.0	1.0
8	1.4	1.8	1.3	1.3	1.1	0.9	1.2	1.0	1.3	1.6	2.3	3.8	4.7	4.8	3.8	5.1	5.2	3.7	4.1	4.2	3.1	4.0	5.1	1.7	2.9	5.2	0.9
9	1.3	1.5	1.3	2.0	2.5	2.1	2.0	2.3	4.3	6.4	5.9	5.0	4.5	4.4	3.6	5.4	6.1	4.3	6.6	5.2	4.9	4.6	4.5	4.5	4.0	6.6	1.3
10	5.6	2.1	2.7	2.1	2.1	2.0	1.0	2.1	6.3	7.0	7.9	8.3	8.2	7.4	7.8	8.3	7.6	7.2	5.6	3.9	2.8	2.6	2.5	2.0	4.8	8.3	1.0
11	1.8	1.7	1.5	1.3	1.0	1.1	1.0	0.9	1.6	2.9	3.1	3.5	4.6	4.1	5.7	4.6	4.5	4.8	3.8	1.9	2.7	2.9	3.0	1.9	2.7	5.7	0.9
12	1.5	0.9	0.9	0.9	1.2	0.6	0.7	0.7	1.6	3.6	5.0	5.2	5.7	5.1	5.3	2.4	7.6	1.9	3.2	2.1	1.6	1.4	1.0	1.4	2.6	7.6	0.6
13	1.2	1.7	1.5	1.7	1.8	1.1	0.9	0.7	0.9	1.6	2.9	3.3	3.9	3.6	2.8	2.9	1.9	2.1	1.2	2.9	2.5	2.8	1.1	0.7	2.0	3.9	0.7
14	0.9	0.8	0.5	0.8	1.0	1.1	0.8	0.6	1.0	4.2	3.8	3.6	4.4	4.5	4.2	4.0	3.1	2.8	3.9	3.3	2.5	3.3	2.1	1.2	2.4	4.5	0.5
15	1.4	0.9	0.7	1.1	1.1	1.2	0.6	0.5	1.9	3.5	4.3	4.1	3.6	3.1	5.0	5.1	4.4	3.9	5.1	2.6	1.4	1.8	1.5	1.6	2.5	5.1	0.5
16	1.6	1.1	1.3	1.1	1.0	1.2	0.9	0.6	0.7	1.8	2.4	3.6	3.1	3.3	3.5	3.8	3.7	3.4	1.6	2.0	3.0	2.3	1.3	1.2	2.1	3.8	0.6
17	0.8	0.8	0.8	1.0	0.9	0.9	1.1	0.7	0.9	1.6	2.3	2.9	3.9	4.2	5.1	4.2	5.5	6.3	3.6	2.1	1.2	1.2	1.3	1.6	2.3	6.3	0.7
18	1.5	1.4	2.5	3.4	2.6	4.5	4.4	2.2	2.6	3.6	3.7	5.2	5.2	5.0	2.9	2.6	1.8	3.2	3.4	4.9	4.2	5.8	3.8	3.5	3.5	5.8	1.4
19	4.0	3.4	2.7	3.3	3.5	3.1	3.2	2.6	3.9	4.4	5.0	3.6	3.9	4.1	3.5	2.8	2.9	3.0	1.3	1.4	2.6	3.2	2.4	2.6	3.2	5.0	1.3
20	2.7	2.0	1.6	1.5	1.2	0.8	0.7	0.6	0.8	1.9	2.5	2.6	2.8	3.3	2.9	3.1	2.6	2.5	1.1	2.2	3.8	3.5	3.4	2.6	2.2	3.8	0.6
21	2.4	1.7	0.9	1.4	1.1	1.6	1.3	0.8	0.7	2.4	4.6	4.5	6.5	6.9	7.9	6.7	6.3	6.0	3.5	1.8	3.9	2.9	2.2	1.6	3.3	7.9	0.7
22	1.5	1.4	1.0	1.3	1.4	1.2	1.3	0.9	2.5	7.1	9.2	7.3	6.7	6.1	6.8	7.1	8.1	9.1	7.4	6.9	3.3	5.4	7.5	6.4	4.9	9.2	0.9
23	4.5	5.5	4.2	2.3	1.6	1.6	1.8	2.8	7.2	5.7	5.9	6.0	7.4	7.6	7.2	6.3	5.7	5.0	4.0	3.1	3.7	4.5	1.3	2.7	4.5	7.6	1.3
24	3.5	6.0	3.7	2.5	3.6	3.0	4.5	5.0	4.2	5.3	5.0	4.6	5.4	6.3	5.3	5.2	6.0	5.1	4.3	2.2	1.7	1.7	2.2	1.8	4.1	6.3	1.7
25	2.3	3.0	1.8	1.3	0.8	1.1	0.8	1.1	0.9	1.4	1.7	1.9	2.1	3.1	3.3	3.8	4.1	2.5	1.9	2.2	1.7	3.2	2.6	2.3	2.1	4.1	0.8
26	1.9	1.5	1.2	1.1	1.0	1.2	1.2	1.0	1.0	1.5	2.7	3.2	3.4	3.6	3.4	4.2	4.1	3.2	1.9	1.7	1.5	1.4	1.3	2.3	2.1	4.2	1.0
27	1.5	1.9	1.6	1.4	1.1	1.1	1.2	0.6	0.9	3.6	6.6	6.6	6.6	7.9	7.1	6.0	5.0	3.2	1.8	2.0	2.6	2.1	1.4	0.9	3.1	7.9	0.6
28	1.5	0.9	1.0	1.1	1.1	0.9	1.4	1.1	2.7	5.5	6.6	6.3	5.9	5.0	5.9	5.0	4.5	2.9	1.7	1.9	1.7	1.8	1.3	0.9	2.9	6.6	0.9
29	1.4	0.9	0.6	1.0	1.9	1.8	2.4	1.0	0.9	2.7	3.2	2.3	2.3	2.2	2.4	2.8	4.0	5.3	6.2	3.4	3.4	2.0	2.5	2.4	2.5	6.2	0.6
30	2.2	1.3	0.9	1.4	1.9	1.1	1.3	1.2	0.6	1.0	1.5	3.0	4.2	3.7	3.0	2.5	2.6	1.5	3.7	2.2	1.0	1.5	1.2	2.0	1.9	4.2	0.6
31	2.0	1.4	1.3	1.1	0.8	0.9	1.6	1.2	0.8	2.5	4.5	4.9	4.5	6.0	5.8	4.5	4.0	5.0	4.4	2.8	1.7	1.8	1.9	1.8	2.8	6.0	0.8
Avg	2.1	1.9	1.5	1.5	1.5	1.7	1.7	1.5	2.4	3.6	4.2	4.4	4.8	4.9	4.9	4.8	4.9	4.2	3.7	3.0	2.7	2.6	2.4	2.2	3.1	6.1	0.9
Max	5.6	6.0	4.2	3.4	3.6	6.1	5.6	6.1	7.2	7.1	9.2	8.3	9.2	9.5	10.1	9.4	9.1	9.1	7.4	6.9	4.9	5.8	7.5	6.4	5.5	10.1	1.7
Min	0.8	0.8	0.5	0.8	0.7	0.6	0.5	0.5	0.6	1.0	1.5	1.7	2.1	2.2	2.4	2.4	1.8	1.5	1.1	1.4	1.0	1.2	1.0	0.7	1.9	3.6	0.5

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Speed (meters per second)
September 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.2	1.9	2.8	3.5	1.4	2.4	3.5	4.5	3.7	2.8	5.5	7.1	5.6	6.7	5.5	5.2	3.4	3.9	2.6	2.9	1.3	1.7	1.5	2.9	3.5	7.1	1.3
2	4.5	3.2	3.3	2.0	1.9	1.5	1.2	1.0	0.8	1.2	3.5	4.9	5.0	7.2	7.0	4.7	4.3	7.0	5.3	3.3	1.5	3.0	1.6	1.5	3.3	7.2	0.8
3	1.7	1.6	2.4	0.9	2.2	2.0	1.0	0.8	0.8	1.1	1.5	2.4	3.0	2.5	3.0	2.8	1.6	1.2	2.0	1.2	2.4	3.3	2.2	2.0	1.9	3.3	0.8
4	2.0	2.8	3.0	2.4	4.6	2.4	2.7	2.7	1.7	1.7	2.5	3.3	2.7	2.6	2.9	2.1	2.5	2.3	1.6	1.7	1.1	1.1	0.9	1.1	2.3	4.6	0.9
5	1.2	1.1	1.2	0.7	0.6	1.4	1.1	1.8	0.8	0.9	1.0	3.6	4.3	4.8	5.5	4.6	3.3	2.9	1.3	1.1	1.6	1.7	1.9	1.8	2.1	5.5	0.6
6	1.7	1.3	1.1	0.8	1.0	1.0	0.9	1.1	1.2	2.2	3.8	5.0	5.2	5.8	6.2	4.8	2.6	1.4	2.0	2.5	1.5	1.6	1.7	1.0	2.4	6.2	0.8
7	1.4	1.7	1.8	3.6	3.0	1.3	1.3	2.6	4.5	6.1	6.2	5.3	7.4	6.6	7.3	7.3	6.7	5.9	3.4	1.9	2.3	2.1	1.7	1.2	3.9	7.4	1.2
8	2.0	2.5	2.6	1.6	3.3	2.8	1.6	7.7	7.5	8.2	8.6	9.1	9.0	10.3	11.0	9.3	8.5	8.6	8.1	5.9	1.9	2.0	3.8	3.5	5.8	11.0	1.6
9	2.7	3.9	2.5	2.1	3.4	4.3	4.3	4.4	4.3	5.6	5.2	5.3	5.0	4.7	4.2	4.6	4.9	4.8	2.8	1.6	1.9	1.5	1.2	0.7	3.6	5.6	0.7
10	1.0	0.9	1.3	1.2	1.1	1.2	1.1	0.8	1.1	6.3	7.5	7.8	7.4	7.0	8.4	8.9	6.4	7.9	8.7	3.3	2.3	1.9	1.8	1.8	4.0	8.9	0.8
11	2.1	1.8	1.2	1.2	1.1	1.3	0.7	0.7	1.4	7.2	6.6	8.4	8.4	7.5	7.0	6.6	3.7	4.5	5.6	3.9	3.4	2.8	3.2	4.6	4.0	8.4	0.7
12	3.8	4.0	4.3	4.3	3.5	5.5	4.8	4.9	3.4	5.0	5.3	6.4	5.0	5.7	5.5	4.0	3.7	4.5	4.3	2.9	2.1	2.6	2.1	2.6	4.2	6.4	2.1
13	2.6	2.3	1.3	1.3	0.7	1.5	3.0	3.8	5.4	6.3	7.4	7.2	5.4	3.9	3.8	6.9	5.9	5.6	4.7	2.0	1.2	2.0	1.9	0.8	3.6	7.4	0.7
14	1.5	0.8	0.7	0.8	0.8	0.5	1.4	0.9	0.9	1.1	2.8	3.2	3.3	4.3	4.9	4.9	4.3	3.9	3.1	1.1	1.4	1.4	0.9	0.6	2.1	4.9	0.5
15	0.8	1.1	1.2	0.9	0.9	0.9	1.0	0.7	0.7	0.9	1.8	4.4	4.9	5.7	5.2	4.5	3.7	3.5	1.9	1.9	2.2	2.4	2.3	2.2	2.3	5.7	0.7
16	1.8	1.8	1.4	1.0	1.2	0.8	1.1	1.0	0.6	2.4	4.2	4.3	4.1	3.6	4.7	5.4	5.9	4.8	2.0	1.7	2.6	3.0	2.0	1.4	2.6	5.9	0.6
17	1.4	0.9	0.7	1.1	0.8	0.8	0.7	1.0	0.7	2.7	4.7	5.7	5.2	4.2	2.1	3.3	3.3	4.0	4.3	5.3	6.9	7.8	9.0	7.6	3.5	9.0	0.7
18	5.2	5.8	5.8	5.0	4.3	5.7	5.6	6.3	9.4	11.3	10.9	9.5	10.2	7.8	7.1	8.2	7.9	6.7	4.3	4.1	3.8	1.6	2.6	4.5	6.4	11.3	1.6
19	3.4	4.3	3.2	2.3	3.2	2.3	1.3	0.9	1.2	3.1	5.2	4.5	5.4	5.6	5.2	4.7	4.7	4.9	3.4	3.4	1.7	2.6	2.1	1.3	3.3	5.6	0.9
20	2.0	1.1	1.7	1.4	0.8	1.5	1.1	1.2	1.1	1.0	1.8	2.3	3.0	3.0	3.7	5.6	7.1	3.4	3.7	1.8	1.8	1.7	2.4	2.3	2.4	7.1	0.8
21	2.8	2.7	2.2	1.4	2.7	1.5	3.2	3.9	4.9	5.4	5.6	5.7	6.4	6.4	5.6	5.5	4.5	5.7	4.1	3.7	2.4	1.4	1.3	1.2	3.8	6.4	1.2
22	1.3	1.6	2.1	1.3	1.1	1.2	1.8	0.7	0.8	1.5	1.2	1.5	3.3	4.0	2.7	1.9	1.0	2.5	3.3	4.6	2.1	3.5	2.6	1.3	2.0	4.6	0.7
23	1.1	2.0	2.6	3.7	3.7	3.2	3.5	4.5	4.3	4.7	4.3	4.4	4.4	5.0	5.5	3.4	3.1	3.6	1.8	1.9	2.5	3.4	3.6	2.2	3.4	5.5	1.1
24	1.8	1.4	1.0	1.4	1.7	1.2	1.6	1.2	2.1	6.5	8.6	9.2	8.9	8.5	8.4	9.5	6.6	5.8	4.6	3.8	0.9	2.3	3.3	2.7	4.3	9.5	0.9
25	1.2	1.9	1.4	1.7	1.2	1.1	1.3	1.0	1.0	5.3	5.3	5.8	6.0	6.6	6.9	5.9	6.2	6.1	4.5	4.9	4.2	3.5	1.3	1.3	3.6	6.9	1.0
26	1.5	1.1	1.3	1.0	0.9	1.0	1.0	0.9	0.9	2.3	3.3	3.6	3.8	4.0	4.2	4.3	4.4	3.2	1.6	2.1	1.8	1.4	1.3	0.7	2.1	4.4	0.7
27	1.1	1.1	0.9	0.9	1.1	0.8	0.8	0.7	0.7	1.8	4.8	5.9	6.2	7.4	6.7	6.1	5.2	3.3	2.0	3.1	2.7	1.4	1.5	1.2	2.8	7.4	0.7
28	1.5	1.1	1.1	1.2	0.8	0.9	1.1	0.5	2.4	7.0	Au	Au	Au	Au	Au	5.9	5.4	3.5	2.4	1.8	1.8	1.0	0.9	1.1	2.2	7.0	0.5
29	0.9	0.9	0.6	0.8	0.7	0.9	1.3	1.1	0.6	2.4	3.6	3.6	4.0	4.0	3.8	4.4	3.7	1.6	1.9	1.6	2.3	2.2	2.6	1.2	2.1	4.4	0.6
30	1.5	1.7	1.3	1.6	1.7	1.8	1.8	1.4	0.8	0.8	2.0	2.7	2.6	2.9	2.9	2.5	1.9	2.7	2.7	3.5	2.2	1.3	1.2	1.1	1.9	3.5	0.8
Avg	2.0	2.0	1.9	1.8	1.8	1.8	1.9	2.2	2.3	3.8	4.6	5.2	5.3	5.5	5.4	5.3	4.5	4.3	3.5	2.8	2.3	2.3	2.2	2.0	3.2	6.6	0.9
Max	5.2	5.8	5.8	5.0	4.6	5.7	5.6	7.7	9.4	11.3	10.9	9.5	10.2	10.3	11.0	9.5	8.5	8.6	8.7	5.9	6.9	7.8	9.0	7.6	6.4	11.3	2.1
Min	0.8	0.8	0.6	0.7	0.6	0.5	0.7	0.5	0.6	0.8	1.0	1.5	2.6	2.5	2.1	1.9	1.0	1.2	1.3	1.1	0.9	1.0	0.9	0.6	1.9	3.3	0.5

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
July 2016

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	117	107	136	75	68	69	194	346	289	276	306	296	308	279	280	264	322	339	42	61	88	51	61	112	16
2	135	182	46	41	62	48	127	316	334	287	294	300	278	294	277	291	328	329	316	316	312	304	257	140	315
3	123	116	90	88	94	123	343	7	260	259	257	265	277	288	279	287	274	272	277	290	308	283	104	108	283
4	104	89	94	80	92	64	334	357	274	268	271	260	251	257	264	280	291	314	316	308	307	317	312	290	306
5	229	95	74	86	93	159	54	273	303	285	278	285	270	301	263	246	265	290	316	332	8	72	85	55	314
6	56	68	159	76	115	60	140	321	87	342	294	285	305	305	308	316	305	299	294	301	286	146	105	97	346
7	67	87	81	106	131	16	19	335	260	263	267	262	274	269	288	292	253	274	324	48	70	65	93	59	348
8	26	124	76	127	102	56	322	278	144	160	180	225	230	272	296	326	96	272	6	330	299	249	297	148	270
9	88	27	153	152	107	62	119	336	342	296	297	289	286	322	247	268	292	119	299	336	99	63	40	83	4
10	86	122	86	125	138	98	6	234	345	260	197	203	308	355	335	316	286	82	229	235	182	200	173	185	196
11	210	272	275	269	274	267	275	277	272	276	281	270	263	266	258	269	277	277	276	280	268	275	253	106	268
12	97	88	68	58	52	63	23	16	289	270	267	258	268	283	258	276	293	301	302	291	227	133	89	356	321
13	298	72	102	96	90	110	102	289	264	265	265	239	93	75	13	322	300	295	301	295	58	75	79	59	21
14	60	91	103	88	86	131	213	13	314	281	262	273	291	315	310	321	337	327	330	12	354	101	113	117	360
15	97	104	83	117	120	128	184	150	137	149	152	136	139	136	133	139	16	11	100	115	89	121	163	145	124
16	87	103	93	145	75	30	336	304	272	293	329	296	308	295	300	350	297	334	322	11	34	107	56	149	353
17	114	36	117	33	119	49	28	113	154	153	142	133	157	187	191	158	149	48	58	92	89	85	67	74	106
18	308	99	150	138	155	135	155	160	166	164	158	158	163	155	160	141	136	140	131	125	343	67	171	350	144
19	97	79	52	34	103	360	144	246	151	167	191	209	216	232	241	241	189	195	293	24	99	128	45	147	156
20	91	89	117	155	118	133	196	140	18	313	348	242	247	269	278	272	321	346	304	6	151	112	342	85	26
21	124	98	71	106	101	128	58	332	320	286	275	236	255	294	267	273	258	332	41	31	86	111	133	235	5
22	83	300	125	193	186	146	311	127	135	148	190	205	195	256	207	231	259	309	313	317	307	309	294	300	236
23	277	279	290	284	266	240	271	289	291	294	294	299	301	302	248	227	271	295	313	316	335	113	88	67	288
24	63	104	31	105	73	47	155	18	319	277	272	255	268	256	256	252	258	268	251	215	102	53	64	56	314
25	65	69	51	359	109	103	270	280	308	296	300	275	292	330	344	337	20	42	75	141	308	82	80	128	10
26	44	101	8	71	111	75	140	296	49	309	320	291	306	248	355	276	252	336	32	346	334	123	62	7	2
27	72	127	104	92	156	357	124	110	214	271	284	314	321	318	316	308	2	17	342	156	94	294	126	107	34
28	80	142	45	132	140	27	32	339	274	312	330	323	289	266	256	163	139	115	132	100	87	83	123	115	90
29	82	64	49	52	25	71	106	75	172	339	295	290	321	293	318	291	304	292	126	90	80	84	77	71	37
30	91	105	113	123	99	99	110	353	37	259	260	266	246	263	252	278	275	253	286	317	98	52	58	58	9
31	51	112	142	59	78	56	217	53	14	279	248	246	280	280	280	282	296	307	316	308	38	99	87	43	347
Prev	85	95	89	95	104	79	105	330	292	272	269	261	271	280	276	277	289	315	323	344	35	88	85	90	342

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
August 2016

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	21	41	96	100	70	21	359	348	335	308	295	304	271	268	275	261	269	236	218	144	74	102	341	67	341
2	76	50	3	239	14	28	42	341	86	131	208	12	268	270	200	230	238	206	216	175	102	169	277	112	190
3	341	79	123	58	28	277	278	284	273	287	275	249	258	259	276	281	291	299	295	284	284	314	290	353	293
4	108	102	51	82	249	100	327	320	342	245	313	352	278	299	309	308	281	260	261	165	48	58	50	77	340
5	81	84	82	98	167	110	172	171	151	147	150	154	142	143	140	138	136	122	109	99	27	301	159	132	129
6	250	135	184	141	142	156	100	86	75	118	78	78	138	154	143	143	231	16	70	38	68	106	103	134	117
7	150	77	110	135	109	57	62	147	126	128	293	106	120	135	138	134	9	18	68	47	68	157	329	108	100
8	132	93	75	75	122	91	148	274	48	125	153	191	238	238	261	311	338	327	319	39	43	65	25	299	61
9	297	290	300	230	139	260	279	133	119	146	158	141	145	144	136	143	162	294	326	333	316	320	292	303	229
10	308	293	307	250	108	96	41	340	290	265	254	262	253	258	250	273	281	281	290	299	314	88	95	62	290
11	96	85	33	95	54	91	30	147	333	282	308	263	275	272	313	315	307	294	303	321	89	88	87	86	5
12	134	60	43	32	141	98	69	43	329	325	280	300	313	305	295	353	340	275	289	295	200	153	333	126	342
13	84	52	5	53	96	112	122	90	320	2	289	337	288	273	293	355	328	309	20	86	89	96	57	349	23
14	104	103	357	7	84	74	89	316	339	297	276	294	299	299	281	306	305	319	16	68	53	53	119	219	355
15	130	74	65	139	94	99	62	344	85	189	295	291	310	317	307	322	329	325	16	90	139	97	76	68	46
16	99	11	71	31	82	96	115	7	1	166	38	282	261	288	278	258	282	316	308	87	75	101	55	50	29
17	19	50	5	15	94	360	128	309	351	322	308	321	314	321	315	301	7	10	64	51	310	19	121	138	2
18	153	201	261	308	30	63	71	59	304	147	76	121	145	140	133	64	65	138	33	47	341	335	5	298	68
19	333	326	326	341	330	335	330	334	2	351	339	336	323	319	330	314	298	293	306	30	109	85	98	82	342
20	85	78	90	99	109	118	124	55	4	305	297	292	240	260	256	261	273	249	304	111	84	72	90	90	73
21	84	109	90	103	50	87	146	318	357	315	258	261	266	279	262	274	256	239	248	163	92	86	73	76	89
22	84	119	83	81	112	104	108	17	352	292	290	287	289	286	292	278	290	301	295	307	2	333	280	275	321
23	273	279	278	90	177	144	95	57	271	280	281	281	281	308	321	326	346	358	357	6	3	16	291	304	318
24	317	334	326	319	319	302	272	296	297	302	304	314	316	346	1	4	20	6	359	22	131	71	82	68	340
25	69	72	63	70	94	89	105	166	317	292	263	318	234	327	353	27	18	10	48	49	34	66	46	79	40
26	72	19	98	133	143	141	142	132	321	329	273	271	291	304	254	330	288	283	293	110	78	118	93	96	56
27	94	74	67	112	101	112	135	93	22	274	262	259	255	244	257	258	251	246	217	105	103	83	113	74	137
28	128	174	118	89	83	71	50	359	311	279	298	291	289	266	284	265	261	309	325	101	47	109	94	63	3
29	111	93	71	165	132	128	117	306	23	153	159	18	316	32	329	258	150	146	134	103	118	6	295	207	110
30	139	170	42	53	101	81	74	148	20	109	13	295	291	304	319	338	319	55	93	90	343	33	212	153	50
31	152	62	267	160	133	101	102	140	49	138	199	202	177	193	188	187	150	208	335	28	92	359	63	131	140
Prev	92	73	50	86	99	89	89	19	354	268	281	291	269	278	280	295	299	301	330	63	60	67	58	85	21

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Wind Direction (degrees)
September 2016

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	328	115	68	110	249	129	82	91	98	99	189	199	236	186	224	280	288	179	95	117	144	151	126	120	143
2	91	102	108	131	138	91	38	41	352	349	267	273	265	291	319	320	320	308	318	326	293	279	240	153	324
3	157	113	56	55	95	70	20	11	65	15	260	220	212	208	268	296	292	78	92	95	89	114	137	132	92
4	156	89	94	60	85	47	37	22	299	80	85	58	61	335	289	282	310	294	293	277	282	301	289	323	357
5	285	280	162	39	241	266	275	231	68	22	219	285	284	286	288	284	253	265	218	131	138	116	129	114	248
6	151	96	146	69	146	158	148	144	129	156	194	204	203	208	218	234	247	308	354	304	314	227	308	244	195
7	150	209	245	283	284	125	179	245	272	264	262	251	262	265	274	281	282	286	272	257	106	109	94	60	250
8	100	134	239	234	227	200	117	267	271	246	257	260	280	276	276	282	285	289	286	288	275	314	325	327	267
9	324	318	318	279	284	291	296	286	297	313	319	327	324	283	268	263	269	255	244	139	103	120	135	128	288
10	124	80	105	74	23	35	142	185	14	267	268	261	259	250	268	272	283	280	277	233	210	150	146	100	230
11	59	101	109	127	69	132	25	302	337	287	298	326	317	296	315	316	334	2	337	329	334	325	290	317	338
12	325	313	327	324	339	3	344	338	357	20	353	10	9	31	19	29	59	55	74	81	62	79	101	146	19
13	157	153	114	128	23	56	125	142	152	150	150	147	140	138	153	154	157	160	161	149	84	94	76	13	130
14	134	211	94	358	161	169	153	266	146	322	307	306	282	276	295	259	246	263	269	170	139	102	161	313	232
15	334	208	139	142	321	93	342	356	5	4	322	267	12	28	25	26	13	12	332	120	101	84	42	101	25
16	93	59	77	76	111	73	101	138	335	336	270	273	299	269	266	252	259	262	230	116	72	81	90	85	70
17	128	118	129	103	109	129	123	63	256	123	212	231	220	205	218	223	227	248	264	260	254	254	278	279	204
18	269	267	259	251	261	256	260	269	262	267	266	255	252	270	271	277	281	269	284	289	300	217	226	236	263
19	248	243	243	77	79	74	47	157	9	300	258	260	237	257	266	273	291	320	327	320	76	85	90	45	307
20	46	43	95	108	51	137	58	135	190	351	306	154	166	316	326	323	355	11	51	102	54	347	91	35	51
21	90	52	77	103	109	175	153	164	168	161	149	139	142	136	141	159	168	164	164	157	143	117	119	66	136
22	169	205	129	258	71	268	329	190	274	230	348	280	291	330	307	354	210	6	32	17	8	342	336	353	314
23	290	297	337	334	312	299	306	309	294	283	276	304	269	296	290	284	283	285	217	245	269	280	303	252	289
24	132	34	37	66	89	102	71	27	323	311	308	312	325	320	316	308	312	318	319	325	7	82	85	62	4
25	22	74	40	87	66	88	44	107	360	257	269	257	256	251	254	258	262	277	263	274	267	298	339	118	300
26	105	90	54	15	357	39	38	96	338	333	267	269	263	267	256	254	265	254	196	104	90	99	99	69	19
27	109	123	173	146	140	115	124	136	35	359	290	288	282	275	291	294	282	301	111	77	86	39	86	71	87
28	120	127	60	111	77	96	117	106	109	160	Au	Au	Au	Au	Au	152	149	152	137	126	128	79	23	76	112
29	44	44	19	138	155	161	152	159	54	139	148	155	157	221	242	240	213	196	116	95	94	75	90	85	133
30	91	109	106	92	141	105	105	121	167	42	241	265	274	295	291	299	255	176	77	92	107	142	86	5	115
Prev	106	107	93	87	89	107	80	134	345	320	266	262	264	272	277	278	273	281	278	132	86	91	89	67	286

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
July 2016

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

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
August 2016

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

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
September 2016

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

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
July 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	13.8	11.7	9.4	9.3	8.6	7.9	10.2	14.3	18.5	20.3	21.9	22.9	23.3	24.2	24.9	25.5	25.5	25.0	25.1	23.0	20.5	18.0	18.2	15.6	18.2	25.5	7.9
2	13.7	11.9	10.1	9.8	8.4	8.8	10.7	15.2	18.8	20.9	21.8	22.7	24.0	24.5	24.6	24.9	24.3	23.2	23.0	21.8	20.4	19.6	15.6	12.6	18.0	24.9	8.4
3	10.3	9.0	8.2	6.9	5.4	5.4	8.2	13.2	17.4	18.2	19.5	19.9	21.0	21.9	23.3	24.0	24.4	24.0	23.5	22.1	20.1	18.3	14.3	11.1	16.2	24.4	5.4
4	8.9	8.5	6.4	4.7	3.6	3.8	5.2	10.2	14.7	15.0	16.6	17.9	19.4	20.3	21.1	21.6	21.7	20.7	19.0	17.5	16.4	14.8	13.6	12.8	13.9	21.7	3.6
5	8.9	5.5	3.0	1.6	-0.2	-0.1	4.4	10.9	12.3	13.4	14.2	15.2	16.0	16.3	17.0	17.9	18.5	18.2	17.9	16.3	14.9	11.8	9.2	7.4	11.3	18.5	-0.2
6	7.4	6.8	6.3	4.9	5.0	5.8	7.0	9.7	11.9	14.3	14.5	14.5	11.7	10.5	10.7	12.5	13.6	13.9	13.2	11.9	9.7	7.0	5.0	2.8	9.6	14.5	2.8
7	1.6	0.8	0.1	-0.7	-1.9	-1.4	1.7	7.9	10.3	11.8	13.4	15.0	16.4	17.3	17.6	18.5	19.2	19.2	18.4	17.3	15.6	13.8	12.1	11.9	10.7	19.2	-1.9
8	10.8	9.3	8.1	7.7	7.3	6.4	9.2	14.7	18.9	20.5	22.3	24.2	25.2	25.3	25.5	24.8	21.4	20.0	14.8	13.6	12.7	12.4	11.4	9.7	15.7	25.5	6.4
9	9.0	9.2	8.0	6.7	5.7	5.2	7.9	12.3	17.2	19.9	20.1	21.3	22.1	22.7	21.7	15.6	13.3	14.9	14.9	14.7	13.5	12.8	12.1	11.2	13.8	22.7	5.2
10	10.9	10.6	10.4	9.2	8.0	8.7	9.3	10.4	11.3	12.1	12.9	13.4	13.7	14.3	11.4	9.7	9.6	9.7	10.0	9.6	9.1	8.5	8.2	6.6	10.3	14.3	6.6
11	6.2	6.1	6.0	5.2	4.6	3.9	3.9	4.0	4.5	5.0	5.5	6.1	7.4	8.7	9.6	10.6	11.6	12.1	12.1	11.7	10.1	9.1	8.0	4.9	7.4	12.1	3.9
12	2.8	1.6	0.9	0.4	0.0	-0.2	2.1	7.6	10.4	11.6	12.8	13.7	14.3	15.1	16.2	16.7	16.9	17.2	16.8	15.9	12.6	11.5	10.7	10.3	9.9	17.2	-0.2
13	10.2	8.8	6.8	6.4	5.9	5.7	6.8	10.1	11.2	12.3	13.2	11.7	12.3	12.6	14.0	14.8	16.3	16.9	16.1	15.1	11.6	8.4	7.0	5.8	10.8	16.9	5.7
14	4.6	3.7	2.3	1.6	1.9	1.2	2.9	6.8	13.0	14.7	15.4	16.4	17.0	17.6	17.9	18.3	18.7	18.9	18.9	17.4	14.0	11.0	9.0	7.7	11.3	18.9	1.2
15	6.7	8.8	11.6	10.2	9.5	10.0	12.2	15.2	16.6	17.6	18.8	19.9	20.8	21.4	21.6	20.3	15.2	17.2	15.1	14.8	12.9	11.9	12.4	12.3	14.7	21.6	6.7
16	11.8	9.9	9.4	8.8	9.3	8.6	8.9	11.1	12.1	13.1	14.3	14.9	16.1	16.7	17.1	17.2	18.2	17.9	17.5	16.1	13.4	9.9	8.3	7.4	12.8	18.2	7.4
17	5.6	4.8	4.3	3.9	3.0	2.9	6.3	12.5	14.4	15.3	16.7	17.7	18.5	19.4	20.1	21.0	21.0	19.1	17.7	14.1	13.4	12.5	11.6	11.3	12.8	21.0	2.9
18	12.3	11.0	11.4	11.7	12.4	12.1	13.1	14.7	16.2	17.9	19.9	21.7	22.9	23.9	24.9	25.1	24.9	23.9	24.3	22.7	19.1	17.2	15.8	15.9	18.1	25.1	11.0
19	13.4	10.2	10.0	8.6	7.6	6.6	9.1	14.0	19.0	23.1	24.7	25.8	26.7	27.5	28.1	28.1	28.4	27.6	25.0	23.3	21.9	19.8	16.5	14.7	19.2	28.4	6.6
20	11.7	11.1	9.1	8.0	7.7	7.8	9.4	13.8	18.0	19.3	21.4	24.3	24.9	25.3	24.4	25.1	25.1	25.0	24.6	22.4	19.0	15.2	13.1	12.7	17.4	25.3	7.7
21	10.4	9.4	8.4	7.2	5.7	6.0	8.4	13.7	18.4	21.0	22.2	23.1	24.0	24.6	25.4	26.0	26.3	26.3	26.0	23.6	19.4	18.3	15.5	14.8	17.7	26.3	5.7
22	18.0	19.8	18.5	16.4	13.6	11.0	11.8	18.7	22.5	24.1	25.1	27.2	27.4	28.5	27.6	26.9	28.4	27.7	25.0	23.1	21.3	19.3	17.4	15.5	21.4	28.5	11.0
23	14.5	13.2	12.8	11.8	11.0	10.6	12.1	13.1	14.1	14.8	15.7	16.6	17.5	18.3	18.9	19.4	19.5	19.9	19.3	17.5	14.3	10.5	8.4	6.9	14.6	19.9	6.9
24	5.7	4.0	2.8	2.6	1.6	1.8	4.1	9.4	14.8	16.6	18.5	19.6	20.8	21.8	22.7	23.4	23.9	24.0	23.8	21.6	15.3	13.5	12.0	9.4	13.9	24.0	1.6
25	7.8	6.9	5.9	5.7	5.2	4.6	7.3	12.8	18.4	21.4	22.9	23.9	24.9	25.4	26.1	26.1	25.1	24.2	23.2	18.8	15.0	14.4	14.1	11.9	16.3	26.1	4.6
26	10.5	9.3	7.5	6.8	5.7	5.5	7.2	11.9	17.0	21.2	23.3	23.8	24.6	25.1	24.8	25.8	25.9	23.3	21.8	17.8	17.2	15.7	14.1	12.0	16.6	25.9	5.5
27	9.8	8.3	7.0	5.8	4.9	4.9	7.2	11.8	17.0	19.7	20.6	21.9	22.5	22.9	23.4	23.5	23.1	22.4	21.4	19.9	17.9	16.4	14.5	11.8	15.8	23.5	4.9
28	12.7	13.6	12.1	10.3	9.3	8.0	9.5	13.5	17.1	19.2	20.5	21.3	22.5	22.9	23.3	22.1	21.7	21.7	21.4	19.4	16.5	14.3	13.0	12.2	16.6	23.3	8.0
29	11.0	10.2	9.7	8.5	7.4	8.4	9.2	13.0	17.1	19.6	21.4	22.3	23.2	24.0	24.3	24.8	25.0	25.0	23.7	21.6	18.8	17.9	18.0	18.2	17.6	25.0	7.4
30	17.9	17.6	16.0	13.8	10.6	10.0	11.8	16.1	20.8	22.8	23.7	24.6	25.8	26.6	27.1	27.7	28.2	28.3	27.7	25.3	18.8	16.1	14.1	11.7	20.1	28.3	10.0
31	10.6	8.7	7.8	5.9	5.6	5.5	6.8	12.7	19.1	21.4	22.7	23.7	24.7	25.3	25.8	25.9	25.6	24.7	23.0	20.2	16.8	11.3	8.7	7.0	16.2	25.9	5.5
Avg	10.0	9.0	8.1	7.1	6.2	6.0	7.9	12.1	15.6	17.4	18.6	19.6	20.4	21.0	21.3	21.4	21.3	21.0	20.1	18.4	15.9	13.9	12.3	10.8	14.8	22.3	5.4
Max	18.0	19.8	18.5	16.4	13.6	12.1	13.1	18.7	22.5	24.1	25.1	27.2	27.4	28.5	28.1	28.1	28.4	28.3	27.7	25.3	21.9	19.8	18.2	18.2	21.4	28.5	11.0
Min	1.6	0.8	0.1	-0.7	-1.9	-1.4	1.7	4.0	4.5	5.0	5.5	6.1	7.4	8.7	9.6	9.7	9.6	9.7	10.0	9.6	9.1	7.0	5.0	2.8	7.4	12.1	-1.9

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
August 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	5.6	3.7	2.4	1.4	0.5	0.2	2.3	8.6	14.9	16.9	18.5	19.6	20.7	21.5	22.3	22.8	23.1	23.3	23.0	20.1	14.2	11.7	10.4	15.4	13.5	23.3	0.2
2	16.6	15.2	12.1	10.2	8.7	6.7	7.1	11.5	17.8	20.8	22.7	24.3	26.0	27.0	27.8	28.6	29.2	29.1	28.5	26.8	24.5	22.6	21.1	19.0	20.2	29.2	6.7
3	16.7	14.1	11.8	12.3	10.6	12.5	12.4	12.3	12.6	13.4	14.3	15.0	15.8	16.7	17.2	16.7	16.5	15.9	15.2	13.8	11.7	10.2	9.5	7.8	13.5	17.2	7.8
4	5.4	2.9	1.2	0.9	0.0	-0.6	1.2	6.4	11.5	13.7	15.4	17.2	19.0	20.1	21.2	22.0	22.3	22.3	21.8	19.4	16.6	15.6	14.6	15.4	12.7	22.3	-0.6
5	15.1	14.7	13.9	11.8	12.1	11.9	13.2	16.5	19.3	20.8	21.8	22.5	23.7	23.9	24.4	24.5	24.2	23.7	23.3	22.5	20.2	18.4	19.9	20.9	19.3	24.5	11.8
6	18.7	18.6	17.3	16.9	17.0	17.7	16.1	14.9	13.9	16.4	17.8	19.9	22.9	23.3	24.2	24.3	17.3	12.4	13.3	12.4	11.5	10.8	10.2	8.7	16.5	24.3	8.7
7	7.6	6.8	6.2	5.3	5.3	4.5	5.9	8.6	11.3	13.4	14.9	17.0	18.6	21.4	22.6	20.6	16.7	14.3	11.2	11.5	11.1	10.3	8.4	7.7	11.7	22.6	4.5
8	6.6	6.1	5.0	4.4	3.6	3.1	3.6	7.3	12.6	15.9	18.1	20.0	21.3	22.1	22.6	21.5	19.9	19.8	18.4	16.8	16.0	15.6	14.1	11.7	13.6	22.6	3.1
9	11.0	10.2	9.4	8.6	7.8	9.1	12.5	15.5	16.8	18.3	18.8	19.9	21.3	21.9	22.8	22.9	21.2	18.6	16.9	15.4	13.3	11.6	11.4	11.0	15.3	22.9	7.8
10	9.5	9.4	9.0	6.9	4.4	2.8	3.8	8.2	10.3	11.4	12.5	13.7	14.8	15.4	16.1	16.3	15.8	15.7	14.7	13.4	12.0	9.6	6.8	5.2	10.7	16.3	2.8
11	3.7	3.0	3.0	1.6	0.8	0.7	1.0	6.2	11.6	13.5	14.7	16.2	17.4	18.2	18.2	17.6	18.3	18.7	18.3	16.0	12.0	10.3	9.2	8.0	10.8	18.7	0.7
12	6.6	6.2	5.2	5.4	5.1	5.5	7.7	10.8	14.7	16.7	17.5	18.7	19.2	19.6	18.3	18.1	14.4	15.4	14.3	13.6	12.0	11.6	10.6	9.5	12.4	19.6	5.1
13	7.5	6.5	6.2	5.7	4.5	3.0	4.1	8.6	14.1	17.8	19.1	19.8	20.7	21.2	21.9	22.2	22.7	22.7	21.7	17.3	14.4	12.5	10.8	9.7	13.9	22.7	3.0
14	8.9	8.5	8.1	8.0	7.3	6.0	6.4	10.8	16.5	19.6	20.7	21.0	21.8	22.7	23.3	23.7	23.8	23.9	22.5	20.2	16.2	14.7	12.4	11.2	15.8	23.9	6.0
15	8.8	7.5	6.8	5.8	5.6	5.1	6.4	11.5	18.6	21.6	22.2	22.7	23.5	24.2	24.8	24.8	24.9	24.7	23.3	21.0	17.7	13.9	11.6	10.6	16.2	24.9	5.1
16	9.4	8.3	8.1	6.9	6.6	5.8	6.5	11.6	18.3	22.6	23.9	24.9	26.0	26.5	27.2	27.5	27.6	27.4	26.3	21.4	17.4	14.1	12.0	11.6	17.4	27.6	5.8
17	9.6	8.7	8.4	7.0	6.1	5.9	6.6	10.2	15.6	21.4	24.0	24.8	25.2	25.8	26.3	26.4	25.4	24.1	22.6	20.9	19.1	17.0	14.1	12.8	17.0	26.4	5.9
18	11.8	12.7	12.8	12.6	12.6	12.3	11.7	12.5	13.0	13.7	13.7	14.2	14.4	14.7	15.9	16.5	16.5	15.9	14.2	11.4	9.6	8.0	6.9	7.0	12.7	16.5	6.9
19	6.8	6.7	6.3	6.3	6.4	6.3	6.4	7.0	7.8	9.0	10.3	11.3	12.1	12.2	12.4	13.0	13.8	13.8	13.7	10.4	7.4	5.9	4.0	3.4	8.9	13.8	3.4
20	2.9	2.2	1.0	0.6	0.1	0.0	0.0	3.8	9.7	13.9	15.9	17.5	18.5	19.5	19.8	20.2	20.7	20.8	20.0	14.8	11.4	9.9	8.0	6.3	10.7	20.8	0.0
21	5.5	3.5	3.5	2.9	2.8	2.7	2.9	7.0	13.6	19.3	20.7	21.6	22.9	24.1	24.8	25.2	25.3	25.3	24.2	18.5	13.5	10.2	8.2	6.4	13.9	25.3	2.7
22	5.3	4.3	4.1	3.4	3.2	2.2	2.3	6.9	14.6	18.6	18.8	18.9	19.7	20.8	21.8	22.2	21.4	19.9	18.2	16.8	15.4	14.7	13.9	13.5	13.4	22.2	2.2
23	12.5	11.6	9.3	7.1	6.0	5.0	3.2	7.0	11.0	12.1	13.5	14.9	16.0	16.4	16.5	16.3	15.6	14.2	12.8	11.5	10.6	9.9	7.6	8.7	11.2	16.5	3.2
24	8.7	8.6	8.6	8.7	8.4	8.3	7.8	8.0	8.1	8.3	8.2	8.0	9.6	10.4	10.5	10.6	10.6	10.5	10.0	8.6	5.7	3.4	2.6	1.8	8.1	10.6	1.8
25	1.5	1.0	-0.1	-1.7	-2.0	-2.2	-2.4	1.5	7.0	10.8	12.2	12.7	13.1	13.2	13.0	12.9	12.5	12.8	11.9	9.3	6.3	5.8	4.9	4.0	6.6	13.2	-2.4
26	2.6	2.9	2.9	1.8	0.6	-0.5	-0.9	2.7	7.9	11.9	13.4	13.9	15.0	15.6	16.3	16.8	17.0	17.1	16.5	12.4	10.1	7.8	6.0	4.8	8.9	17.1	-0.9
27	4.0	4.1	3.4	2.5	1.7	1.6	1.9	3.7	10.4	15.8	17.4	18.3	19.9	20.7	21.1	21.6	22.1	21.4	20.5	17.4	15.3	14.0	13.7	12.7	12.7	22.1	1.6
28	11.4	10.1	8.9	7.9	7.6	7.2	8.2	11.9	17.2	18.7	19.8	20.2	21.0	22.0	22.2	21.9	21.9	21.3	21.1	16.3	13.3	11.2	8.8	7.4	14.9	22.2	7.2
29	6.3	4.9	4.2	3.6	4.6	4.9	5.7	10.1	16.2	20.0	22.2	23.2	24.2	24.9	25.5	26.2	26.1	24.8	23.5	21.3	20.8	19.9	19.3	19.8	16.8	26.2	3.6
30	18.9	17.0	14.4	11.3	9.7	8.4	8.1	9.0	13.3	19.6	23.5	25.8	26.8	27.1	27.3	27.5	27.4	27.1	24.1	21.2	19.6	18.4	17.1	19.1	19.2	27.5	8.1
31	17.7	15.8	16.4	15.2	12.8	9.7	9.1	13.3	19.8	25.6	27.7	28.5	29.4	30.1	29.2	29.3	27.9	27.2	25.5	23.7	21.1	17.7	16.5	14.5	21.0	30.1	9.1
Avg	9.1	8.3	7.4	6.5	5.8	5.3	5.8	9.2	13.5	16.5	17.9	18.9	20.0	20.7	21.2	21.3	20.7	20.1	19.1	16.6	14.2	12.5	11.1	10.5	13.9	21.7	4.2
Max	18.9	18.6	17.3	16.9	17.0	17.7	16.1	16.5	19.8	25.6	27.7	28.5	29.4	30.1	29.2	29.3	29.2	29.1	28.5	26.8	24.5	22.6	21.1	20.9	21.0	30.1	11.8
Min	1.5	1.0	-0.1	-1.7	-2.0	-2.2	-2.4	1.5	7.0	8.3	8.2	8.0	9.6	10.4	10.5	10.6	10.6	10.5	10.0	8.6	5.7	3.4	2.6	1.8	6.6	10.6	-2.4

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 9 Meters (degrees Celsius)
September 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	17.3	15.4	14.9	15.8	15.2	13.2	13.8	15.3	19.1	21.8	23.8	25.2	26.0	26.5	26.8	25.3	22.7	21.9	19.3	17.4	15.6	14.8	15.9	17.0	19.2	26.8	13.2
2	14.9	13.4	13.2	10.6	8.7	7.4	7.6	8.7	13.6	18.3	19.9	20.8	21.3	20.6	17.7	16.2	16.0	14.7	13.4	12.1	11.4	10.9	9.9	9.4	13.8	21.3	7.4
3	8.5	7.8	6.5	5.8	4.9	4.7	4.1	5.8	7.7	9.0	10.2	11.8	12.6	13.5	14.0	14.5	14.3	14.0	12.9	11.2	11.9	10.3	7.9	7.3	9.6	14.5	4.1
4	7.2	6.1	5.6	5.3	4.8	4.8	4.7	5.1	5.4	6.2	6.4	5.9	5.0	4.1	4.5	4.3	4.2	3.9	3.7	3.6	3.4	3.4	3.5	3.6	4.8	7.2	3.4
5	3.5	3.5	3.7	3.7	3.7	3.7	3.9	4.1	4.1	4.3	4.8	5.2	5.0	5.6	6.2	6.2	5.6	6.1	6.0	4.8	3.0	1.7	0.6	-0.2	4.1	6.2	-0.2
6	-0.6	-1.4	-1.9	-2.5	-2.5	-2.8	-2.3	-0.4	5.2	8.8	10.6	11.9	12.7	13.6	14.0	14.3	14.4	14.1	12.5	11.0	9.8	8.9	7.7	6.9	6.8	14.4	-2.8
7	6.5	6.6	6.3	5.9	5.0	3.8	2.6	5.1	7.0	8.3	9.3	10.2	11.6	12.1	12.9	13.1	13.1	13.3	12.1	8.6	5.4	4.3	3.5	3.0	7.9	13.3	2.6
8	4.1	7.3	9.0	8.2	8.9	9.2	8.9	11.0	8.5	10.2	11.8	12.5	12.6	12.8	12.8	12.0	11.6	11.2	10.5	9.3	8.5	6.5	7.0	5.2	9.6	12.8	4.1
9	4.7	5.2	4.8	4.0	3.9	3.8	3.6	3.7	4.6	5.6	6.9	7.9	8.8	10.3	11.0	12.3	12.8	12.7	11.2	7.1	4.2	2.1	0.8	-0.3	6.3	12.8	-0.3
10	-0.9	-1.6	-2.0	-1.5	-1.5	-1.4	-1.1	0.0	6.3	13.5	15.0	15.9	16.8	17.8	18.8	19.1	19.4	19.6	19.0	16.9	14.4	11.8	8.8	6.3	9.6	19.6	-2.0
11	4.6	3.6	2.2	1.3	0.3	0.8	-0.4	3.4	9.7	15.7	14.8	13.9	12.7	11.3	11.1	10.5	9.2	7.5	5.5	4.8	4.3	3.6	2.5	2.7	6.5	15.7	-0.4
12	2.6	2.0	2.2	2.2	1.9	1.5	1.0	1.1	1.6	2.5	3.3	3.9	4.3	4.4	4.0	3.8	3.9	3.8	3.1	2.5	2.5	2.4	1.9	1.1	2.6	4.4	1.0
13	1.0	0.5	-0.5	-2.1	-3.1	-2.0	0.3	1.3	1.6	2.3	2.9	3.6	4.4	5.6	6.6	7.3	7.1	6.6	4.8	3.7	2.5	1.7	0.6	-0.5	2.3	7.3	-3.1
14	-1.8	-2.1	-2.2	-2.2	-2.9	-3.4	-3.0	-0.6	4.3	9.1	10.9	12.6	13.5	13.4	13.4	13.2	12.3	11.6	10.5	9.4	7.1	5.9	4.8	4.7	5.8	13.5	-3.4
15	4.1	4.8	4.6	4.2	3.6	3.3	2.8	4.0	5.4	7.8	11.0	13.5	15.3	15.8	16.0	16.2	15.8	15.2	13.1	8.0	5.1	4.3	3.6	1.9	8.3	16.2	1.9
16	0.9	1.1	0.6	-0.4	-0.5	-1.0	-1.5	0.6	6.4	12.1	13.8	15.1	16.1	17.1	17.8	18.2	18.2	17.5	14.3	9.7	7.5	6.1	3.6	1.8	8.1	18.2	-1.5
17	0.8	0.5	-0.8	-1.6	-1.3	-1.0	-1.1	1.2	4.5	11.8	15.5	15.6	16.0	15.8	14.8	15.6	16.7	16.5	15.9	15.6	15.4	15.0	13.7	12.7	9.5	16.7	-1.6
18	12.3	12.1	12.0	12.1	11.6	11.5	11.1	11.4	11.8	12.8	13.4	13.1	13.3	13.5	14.1	14.0	14.1	13.7	12.9	12.0	11.2	10.3	9.7	8.5	12.2	14.1	8.5
19	7.9	7.9	7.1	5.4	2.2	0.2	-0.2	1.9	7.4	11.7	12.4	13.3	15.4	16.4	17.1	16.7	16.9	16.0	14.5	13.0	12.2	10.0	8.7	7.4	10.1	17.1	-0.2
20	7.0	6.5	5.7	4.9	4.2	2.9	2.1	4.2	6.9	10.4	13.1	14.0	13.6	14.2	14.5	14.3	11.9	10.2	8.4	8.1	6.9	6.6	6.7	6.7	8.5	14.5	2.1
21	7.0	6.7	6.2	5.9	6.3	6.3	6.5	6.3	6.8	7.1	7.0	7.2	7.5	7.7	7.7	7.7	7.4	7.2	6.9	7.0	6.7	6.2	6.1	5.9	6.8	7.7	5.9
22	6.0	5.9	5.8	5.9	5.7	5.7	5.8	6.1	6.6	7.4	7.7	8.8	9.3	8.9	8.4	8.7	8.6	8.9	8.5	8.0	7.9	7.7	7.7	7.6	7.4	9.3	5.7
23	7.2	7.0	7.0	7.3	7.1	6.7	6.4	6.5	6.8	7.1	6.6	7.2	8.1	9.0	9.0	9.0	9.2	8.9	8.4	8.1	8.0	7.6	6.8	5.2	7.5	9.2	5.2
24	3.4	2.1	2.1	1.7	1.5	1.1	1.2	1.7	5.5	7.3	8.8	9.6	9.6	9.8	10.0	10.2	9.7	9.3	8.7	7.7	6.2	4.1	2.3	1.3	5.6	10.2	1.1
25	0.2	-0.6	-1.8	-2.4	-3.1	-3.7	-3.7	-2.2	3.0	6.8	8.1	9.4	10.5	11.7	12.7	13.5	13.6	13.8	12.6	12.0	11.3	10.6	8.5	6.4	6.1	13.8	-3.7
26	4.1	2.5	1.7	1.5	0.8	0.8	-0.3	0.6	5.0	11.4	13.5	15.0	16.5	17.6	18.5	19.1	19.2	18.1	13.6	9.0	6.5	4.4	3.3	2.5	8.5	19.2	-0.3
27	2.3	1.9	1.4	0.6	0.4	0.4	1.3	1.8	7.2	14.7	19.2	20.7	21.4	22.2	22.2	22.2	22.0	20.6	15.8	11.5	9.2	7.5	6.4	4.8	10.7	22.2	0.4
28	3.8	2.8	1.7	1.2	0.2	-0.5	-0.6	0.3	7.2	13.2	Au	Au	Au	Au	Au	18.7	18.0	16.0	13.7	12.7	11.8	9.3	7.4	5.6	7.5	18.7	-0.6
29	4.2	3.3	2.4	1.5	1.3	1.2	0.6	2.2	6.7	16.2	18.7	19.5	20.3	21.4	21.4	21.9	21.6	18.7	13.7	11.1	9.4	8.1	7.2	5.7	10.8	21.9	0.6
30	5.1	4.5	3.7	3.3	3.4	3.1	3.1	4.3	9.5	14.6	17.5	18.9	19.7	20.2	20.7	20.7	20.8	18.0	14.5	12.0	9.4	7.4	6.4	5.4	11.1	20.8	3.1
Avg	4.9	4.5	4.0	3.5	3.0	2.7	2.6	3.8	6.8	10.3	11.6	12.5	13.1	13.5	13.7	14.0	13.7	13.0	11.3	9.6	8.3	7.1	6.1	5.2	8.3	14.7	1.7
Max	17.3	15.4	14.9	15.8	15.2	13.2	13.8	15.3	19.1	21.8	23.8	25.2	26.0	26.5	26.8	25.3	22.7	21.9	19.3	17.4	15.6	15.0	15.9	17.0	19.2	26.8	13.2
Min	-1.8	-2.1	-2.2	-2.5	-3.1	-3.7	-3.7	-2.2	1.6	2.3	2.9	3.6	4.3	4.1	4.0	3.8	3.9	3.8	3.1	2.5	2.5	1.7	0.6	-0.5	2.3	4.4	-3.7

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
July 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	13.0	10.9	8.2	8.8	8.2	7.6	10.5	14.7	19.2	21.3	22.8	24.0	24.3	25.3	25.9	26.6	26.3	25.3	25.5	22.9	20.0	17.4	17.3	14.5	18.4	26.6	7.6
2	11.3	9.8	8.9	8.5	7.2	8.2	10.9	15.6	19.2	21.7	22.9	23.9	25.3	25.6	25.5	25.8	24.7	23.0	22.7	21.5	19.1	19.4	15.2	11.9	17.8	25.8	7.2
3	9.7	8.3	7.7	6.3	4.6	5.0	8.5	13.8	18.1	19.1	20.7	20.9	22.3	23.2	24.3	25.1	25.2	24.4	23.6	21.6	19.4	17.2	12.8	10.1	16.3	25.2	4.6
4	7.9	6.9	5.2	4.0	2.7	3.2	5.5	10.6	15.4	15.8	17.8	19.3	20.9	21.7	22.5	22.8	22.5	21.3	19.2	17.3	16.0	14.3	12.8	12.2	14.1	22.8	2.7
5	7.6	4.6	1.9	0.5	-1.3	-0.5	4.8	11.5	13.3	14.5	15.2	16.3	17.1	17.4	18.2	18.8	19.1	18.5	18.0	15.6	14.3	11.1	8.2	6.5	11.3	19.1	-1.3
6	6.7	5.8	5.4	3.9	4.5	5.6	7.2	9.9	12.4	15.3	15.8	15.4	12.6	11.1	10.9	13.6	14.6	14.7	13.7	11.7	8.7	6.1	3.2	2.3	9.6	15.8	2.3
7	0.9	0.0	-0.7	-1.8	-3.0	-1.8	2.0	8.6	11.4	13.0	14.6	16.3	17.9	18.3	18.5	19.4	19.8	19.6	17.7	17.0	15.1	13.6	12.1	11.6	10.8	19.8	-3.0
8	9.8	7.9	7.2	6.2	5.7	5.5	9.5	15.1	19.6	21.2	23.4	25.5	26.5	26.2	26.1	25.0	21.5	19.7	14.4	13.4	12.3	11.9	10.6	8.8	15.5	26.5	5.5
9	8.4	8.8	7.1	5.7	4.6	4.9	8.3	12.7	17.8	20.5	21.0	22.4	23.1	23.9	22.2	15.3	13.3	15.2	15.0	14.6	13.4	12.7	12.0	11.3	13.9	23.9	4.6
10	11.0	10.6	10.4	8.8	7.7	8.4	9.4	10.6	11.6	12.5	13.3	13.8	14.3	14.9	11.3	9.8	9.8	9.9	10.2	9.6	9.1	8.4	8.3	6.6	10.4	14.9	6.6
11	6.3	6.2	6.1	5.3	4.7	4.0	4.0	4.2	4.7	5.2	5.7	6.3	7.6	9.2	9.9	10.9	12.1	12.5	12.3	11.6	9.6	8.3	7.1	4.1	7.4	12.5	4.0
12	2.4	1.3	0.7	0.2	-0.3	-0.5	2.5	8.1	11.3	12.5	13.7	14.7	15.2	16.1	17.3	17.7	17.6	17.8	17.1	15.4	12.4	11.4	10.7	9.9	10.2	17.8	-0.5
13	9.7	8.0	6.6	6.4	6.0	5.6	6.9	10.5	11.7	13.0	14.2	12.1	12.6	12.8	14.4	15.3	16.6	17.2	15.9	14.3	10.9	8.2	6.9	5.3	10.9	17.2	5.3
14	4.1	3.1	1.6	0.8	1.3	0.4	3.1	7.3	13.5	15.6	16.3	17.4	18.2	18.8	18.9	19.2	19.4	19.5	19.1	17.1	13.2	10.2	8.2	6.3	11.4	19.5	0.4
15	5.4	7.0	10.6	9.2	7.7	7.4	11.8	15.6	17.2	18.6	20.0	21.0	21.9	22.3	22.1	20.2	15.2	17.7	15.2	14.3	12.8	11.8	12.1	12.1	14.6	22.3	5.4
16	11.6	9.1	9.4	8.7	9.1	8.5	9.1	11.8	12.8	14.0	15.1	15.6	17.3	17.8	18.1	17.7	19.0	18.6	17.7	15.9	12.6	8.7	7.1	5.8	13.0	19.0	5.8
17	4.6	3.9	3.2	2.6	1.8	2.4	6.6	13.0	15.4	16.6	17.9	18.6	19.3	20.1	20.8	21.5	21.4	19.3	17.7	14.1	13.3	12.4	11.3	10.7	12.9	21.5	1.8
18	11.7	9.9	10.5	11.3	11.8	11.8	13.2	15.1	16.7	18.9	20.9	22.8	24.0	24.9	25.9	26.0	25.4	23.9	24.3	22.3	17.8	15.8	13.5	13.9	18.0	26.0	9.9
19	11.3	9.0	8.8	7.7	6.3	5.7	9.2	14.4	19.5	23.8	25.5	26.7	27.7	28.4	28.9	28.5	28.5	26.8	24.4	23.0	21.6	19.0	15.0	12.9	18.9	28.9	5.7
20	10.8	9.7	7.9	6.6	6.3	6.9	9.3	14.3	18.6	20.0	22.0	25.0	25.9	26.2	24.8	25.9	25.7	25.3	24.3	21.3	16.8	13.0	11.6	11.5	17.1	26.2	6.3
21	9.0	8.5	7.2	5.6	4.8	4.6	8.7	14.1	18.9	21.7	23.2	24.2	25.0	25.6	26.4	26.8	26.9	26.8	26.0	22.7	18.8	17.0	13.6	12.3	17.4	26.9	4.6
22	16.1	18.3	16.8	13.5	11.8	9.1	12.0	19.0	22.9	24.7	25.2	28.0	28.0	29.0	27.7	26.9	28.9	27.9	24.8	22.8	20.9	18.9	16.8	14.8	21.0	29.0	9.1
23	13.8	12.2	12.1	11.1	10.4	10.1	12.2	13.6	14.9	15.4	16.7	17.8	18.8	19.5	20.0	20.3	19.7	20.3	19.4	16.5	12.4	9.3	7.8	5.8	14.6	20.3	5.8
24	4.9	2.2	1.9	0.6	0.6	0.5	4.3	9.9	15.6	17.4	19.6	20.9	22.0	23.1	23.8	24.5	24.8	24.6	23.9	20.4	14.6	12.5	11.3	8.3	13.8	24.8	0.5
25	6.2	5.3	4.4	4.1	3.2	3.8	7.7	13.1	18.9	22.1	23.9	24.8	26.0	26.4	27.1	26.7	25.7	24.2	23.2	18.2	14.5	14.0	13.6	11.4	16.2	27.1	3.2
26	9.6	8.4	6.9	5.6	4.3	3.8	7.3	12.3	17.6	21.8	24.0	24.8	25.6	25.8	25.1	26.4	26.4	23.7	21.9	17.6	16.8	15.1	13.5	10.7	16.5	26.4	3.8
27	8.4	6.8	5.4	4.7	3.7	4.3	7.0	12.2	17.6	20.7	21.8	23.1	23.6	24.1	24.5	24.4	23.8	22.9	20.9	19.1	17.5	15.5	13.4	10.5	15.7	24.5	3.7
28	11.9	12.8	11.4	9.2	8.2	7.1	9.6	14.0	17.6	19.9	21.4	22.1	23.6	24.4	24.6	23.1	22.5	22.3	21.8	19.4	16.3	14.2	12.5	11.6	16.7	24.6	7.1
29	10.1	9.2	9.0	7.2	6.1	7.7	9.4	13.5	17.6	20.3	22.4	23.2	24.3	25.3	25.4	25.6	25.9	25.5	24.1	21.6	18.5	17.3	16.9	17.4	17.6	25.9	6.1
30	17.4	17.1	14.6	11.1	9.5	8.4	11.8	16.5	21.4	23.7	24.9	25.9	27.3	28.0	28.4	28.9	29.1	28.8	27.5	23.8	17.8	15.2	12.8	10.8	20.0	29.1	8.4
31	9.6	7.1	6.2	4.5	3.9	3.7	7.0	13.2	19.7	22.3	24.0	25.1	26.0	26.6	27.0	27.0	26.4	25.2	22.9	18.3	14.5	10.0	8.2	5.4	16.0	27.0	3.7
Avg	9.1	8.0	7.2	6.0	5.2	5.2	8.0	12.5	16.2	18.2	19.5	20.6	21.4	22.0	22.1	22.1	21.9	21.4	20.1	17.9	15.2	13.2	11.5	9.9	14.8	23.1	4.4
Max	17.4	18.3	16.8	13.5	11.8	11.8	13.2	19.0	22.9	24.7	25.5	28.0	28.0	29.0	28.9	28.9	29.1	28.8	27.5	23.8	21.6	19.4	17.3	17.4	21.0	29.1	9.9
Min	0.9	0.0	-0.7	-1.8	-3.0	-1.8	2.0	4.2	4.7	5.2	5.7	6.3	7.6	9.2	9.9	9.8	9.8	9.9	10.2	9.6	8.7	6.1	3.2	2.3	7.4	12.5	-3.0

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
August 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4.2	2.4	0.4	-0.4	-1.3	-0.9	1.9	9.1	15.6	17.8	19.7	20.8	22.0	22.8	23.5	24.0	23.9	23.9	23.0	19.3	13.7	10.4	8.4	13.3	13.2	24.0	-1.3
2	15.7	14.1	10.4	8.3	7.2	5.2	6.8	12.0	18.3	21.4	23.6	25.2	27.0	28.2	28.9	29.7	30.0	29.2	27.9	26.0	24.0	21.2	19.5	16.9	19.9	30.0	5.2
3	15.0	12.7	10.2	9.4	9.2	11.7	12.3	12.7	13.4	14.5	15.7	16.5	17.3	18.2	18.7	17.6	17.5	16.6	15.5	13.5	10.5	8.7	8.1	6.6	13.4	18.7	6.6
4	4.3	2.3	0.5	0.1	-1.2	-1.9	1.4	6.8	12.1	14.6	16.3	18.2	20.0	21.2	22.3	23.1	23.3	23.0	22.0	18.6	15.7	14.8	13.8	14.8	12.8	23.3	-1.9
5	14.5	14.1	13.3	10.8	11.1	9.8	13.2	16.9	20.2	21.9	23.2	24.1	25.2	25.3	25.4	25.3	24.8	23.8	23.4	22.0	19.2	17.0	19.2	20.8	19.4	25.4	9.8
6	17.4	17.1	16.3	15.9	16.5	16.8	15.9	14.9	14.0	16.8	18.4	20.7	24.6	24.9	25.1	24.9	17.2	12.3	13.2	12.3	11.6	10.8	10.1	8.1	16.5	25.1	8.1
7	6.7	5.9	5.1	4.2	4.1	3.6	5.6	8.8	11.4	13.4	15.5	17.4	19.1	22.4	23.4	21.2	17.3	14.3	11.1	11.4	11.0	10.2	8.0	7.4	11.6	23.4	3.6
8	6.2	5.9	4.8	4.2	3.4	3.0	3.9	7.6	13.0	16.4	18.7	20.9	22.3	23.2	23.4	21.9	20.3	19.7	17.9	16.7	15.6	15.4	13.7	10.9	13.7	23.4	3.0
9	9.5	9.0	8.0	7.3	6.8	7.7	11.8	15.7	17.3	19.2	19.5	20.8	22.4	22.8	23.6	23.5	21.3	18.8	17.1	15.2	12.8	11.0	11.0	11.0	15.1	23.6	6.8
10	9.6	9.4	8.1	5.8	3.9	2.3	4.1	8.8	11.2	12.4	13.8	15.1	16.3	16.9	17.4	17.4	16.5	16.4	14.9	12.8	10.9	8.4	6.5	4.5	11.0	17.4	2.3
11	3.2	2.5	2.1	0.5	0.0	-0.6	1.1	6.7	12.2	14.4	15.8	17.4	18.7	19.6	19.3	18.3	19.3	19.5	18.5	15.0	11.5	10.1	9.0	7.0	10.9	19.6	-0.6
12	5.3	5.4	4.3	4.4	4.3	5.0	8.0	11.2	15.3	17.6	18.6	20.2	20.6	21.0	19.2	18.6	14.6	15.9	14.2	13.4	11.1	11.0	10.1	8.4	12.4	21.0	4.3
13	6.8	5.9	5.4	4.6	2.7	1.7	3.8	9.0	14.6	18.5	20.1	20.9	22.0	22.4	22.9	23.0	23.3	23.3	21.1	16.9	14.0	11.9	9.8	8.2	13.9	23.3	1.7
14	7.7	7.1	7.2	6.6	5.5	4.3	5.9	11.2	17.0	20.5	21.7	21.9	23.0	23.9	24.6	24.8	24.7	24.4	22.4	19.5	15.6	14.0	11.1	9.9	15.6	24.8	4.3
15	7.4	6.3	5.3	4.3	4.0	3.7	6.1	12.0	19.1	22.5	23.4	24.1	24.8	25.4	26.1	25.9	25.7	25.2	23.3	20.4	15.8	13.1	10.7	9.3	16.0	26.1	3.7
16	7.6	7.5	6.4	5.7	5.2	4.4	6.1	12.1	18.7	23.2	24.8	26.1	27.0	27.8	28.3	28.6	28.4	27.9	26.1	20.4	17.0	12.3	11.0	10.2	17.2	28.6	4.4
17	8.2	7.2	6.9	5.6	4.5	4.7	5.9	10.5	16.1	22.1	24.8	25.8	26.4	26.9	27.6	27.4	26.2	24.5	22.6	20.1	17.9	15.9	12.7	11.5	16.8	27.6	4.5
18	10.7	11.9	12.5	12.3	12.4	12.4	11.9	12.9	13.5	14.1	14.1	14.9	15.3	15.7	16.9	17.1	16.9	16.1	14.4	11.5	9.5	7.9	6.9	6.9	12.9	17.1	6.9
19	6.8	6.7	6.2	6.3	6.4	6.3	6.4	7.3	8.3	9.9	11.4	12.5	13.3	13.0	13.0	13.6	14.7	14.3	13.9	10.0	7.0	5.9	3.5	3.0	9.2	14.7	3.0
20	2.5	1.7	0.1	-0.7	-0.9	-1.1	0.0	4.3	10.2	14.6	16.8	18.5	19.5	20.6	20.8	21.1	21.4	21.3	20.0	13.9	11.2	9.8	7.4	5.3	10.8	21.4	-1.1
21	4.4	2.1	2.1	1.3	1.7	1.1	2.2	7.3	14.1	20.1	21.7	22.7	24.1	25.2	25.9	26.1	26.0	25.5	23.4	17.2	13.1	9.3	6.6	5.1	13.7	26.1	1.1
22	4.0	2.5	2.4	1.4	1.1	0.4	1.5	7.3	15.1	19.5	19.8	19.7	20.5	21.9	22.9	23.1	21.9	19.8	17.8	16.4	14.6	13.9	13.6	13.3	13.1	23.1	0.4
23	12.2	11.2	8.6	5.8	4.6	3.7	2.4	7.4	11.7	13.1	14.7	16.2	17.5	17.7	17.7	17.2	16.2	14.5	12.7	11.3	10.3	9.5	6.7	7.9	11.3	17.7	2.4
24	7.7	8.2	8.3	8.6	8.4	8.3	7.9	8.2	8.3	9.0	8.8	8.6	10.5	11.4	11.5	11.4	11.3	11.1	10.1	7.8	4.6	3.0	2.1	1.5	8.2	11.5	1.5
25	1.2	0.9	-0.8	-2.7	-3.2	-3.7	-2.6	1.9	7.5	11.6	12.9	13.3	13.8	13.8	13.2	13.2	12.7	13.1	11.6	8.3	5.2	5.5	4.4	3.5	6.4	13.8	-3.7
26	2.0	2.6	2.4	0.9	-0.7	-2.1	-1.4	3.0	8.4	12.5	14.3	14.8	16.2	16.7	17.5	18.0	17.9	17.7	16.4	11.3	9.1	6.0	4.5	3.5	8.8	18.0	-2.1
27	2.5	3.5	2.4	1.2	0.8	0.7	1.6	4.0	10.9	16.7	18.6	19.6	21.2	22.0	22.0	22.7	22.8	21.3	19.5	16.5	15.2	13.7	13.2	12.2	12.7	22.8	0.7
28	10.3	8.8	7.2	6.8	6.8	6.6	7.8	12.1	17.6	19.1	20.9	20.9	21.9	23.1	23.1	22.3	22.1	21.3	20.6	15.1	12.1	9.0	6.6	5.7	14.5	23.1	5.7
29	4.4	3.3	2.4	1.7	1.7	2.5	3.9	10.2	16.7	20.8	23.1	24.0	25.1	25.6	26.4	27.1	26.8	24.8	23.4	21.0	20.4	19.3	17.3	18.7	16.3	27.1	1.7
30	18.1	15.2	12.5	9.8	7.9	7.0	6.8	8.9	13.6	20.0	24.2	26.8	28.0	28.2	28.1	28.1	27.8	27.1	23.9	20.6	18.3	17.1	15.2	16.3	18.7	28.2	6.8
31	14.5	13.7	13.5	12.6	10.2	7.4	7.4	13.4	20.2	26.2	28.8	29.7	30.6	31.4	29.6	29.7	27.5	26.3	25.1	22.8	20.1	16.3	15.4	13.7	20.3	31.4	7.4
Avg	8.1	7.3	6.3	5.2	4.6	4.2	5.5	9.5	14.1	17.2	18.8	19.9	21.2	21.9	22.2	22.1	21.3	20.4	18.9	16.0	13.5	11.7	10.2	9.5	13.7	22.6	3.1
Max	18.1	17.1	16.3	15.9	16.5	16.8	15.9	16.9	20.2	26.2	28.8	29.7	30.6	31.4	29.6	29.7	30.0	29.2	27.9	26.0	24.0	21.2	19.5	20.8	20.3	31.4	9.8
Min	1.2	0.9	-0.8	-2.7	-3.2	-3.7	-2.6	1.9	7.5	9.0	8.8	8.6	10.5	11.4	11.5	11.4	11.3	11.1	10.1	7.8	4.6	3.0	2.1	1.5	6.4	11.5	-3.7

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature 2 Meters (degrees Celsius)
September 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	16.1	14.3	14.4	15.5	14.2	11.8	13.4	15.3	19.0	22.2	25.0	26.5	26.9	27.7	27.8	25.5	22.8	21.5	19.0	17.1	14.8	13.8	14.2	16.1	19.0	27.8	11.8
2	14.7	13.1	12.7	9.4	7.3	6.4	6.7	8.8	14.0	18.8	20.7	22.0	22.5	21.4	18.1	16.4	16.3	14.8	13.4	11.6	10.8	10.6	9.8	9.2	13.7	22.5	6.4
3	8.3	7.7	6.3	5.5	4.9	4.7	4.1	6.1	8.1	9.4	10.8	12.6	13.3	14.3	14.8	15.0	14.5	14.0	12.6	10.6	11.8	10.3	7.9	7.3	9.8	15.0	4.1
4	7.2	6.2	5.8	5.4	4.9	4.8	4.8	5.1	5.5	6.3	6.6	6.0	5.1	4.4	4.8	4.5	4.4	4.1	3.8	3.7	3.5	3.6	3.7	3.7	4.9	7.2	3.5
5	3.7	3.6	3.8	3.9	3.9	3.8	4.1	4.3	4.3	4.6	5.1	5.7	5.6	6.4	6.9	6.9	6.0	6.5	6.1	4.1	2.0	1.1	0.3	-0.6	4.3	6.9	-0.6
6	-0.9	-1.7	-2.1	-2.7	-2.8	-3.1	-2.5	-0.2	5.5	9.3	11.4	12.9	13.4	14.5	14.7	14.9	14.7	13.9	12.2	10.7	9.7	8.8	7.5	6.9	6.9	14.9	-3.1
7	6.5	6.5	6.2	5.5	4.5	3.4	2.1	5.2	7.3	8.8	9.8	10.7	12.5	12.8	13.9	13.7	13.5	13.5	11.3	7.4	4.9	3.8	3.0	2.7	7.9	13.9	2.1
8	3.9	6.6	8.2	7.4	8.1	8.7	8.6	11.1	8.5	10.8	12.7	13.5	13.3	13.3	13.6	12.6	11.8	11.3	10.3	8.8	7.9	5.7	6.3	4.6	9.5	13.6	3.9
9	4.0	5.0	4.0	3.4	3.7	3.8	3.6	3.9	5.0	6.2	7.6	8.8	9.6	11.6	11.9	13.2	13.6	13.0	10.3	5.7	3.6	0.9	-0.7	-1.4	6.3	13.6	-1.4
10	-2.2	-2.5	-2.9	-2.3	-2.4	-2.5	-2.2	0.0	6.7	14.1	15.8	16.9	17.9	19.0	19.7	19.8	19.7	19.5	18.6	15.6	12.1	9.6	6.8	5.3	9.2	19.8	-2.9
11	3.8	2.2	1.0	-0.4	-1.2	-0.5	-0.9	3.7	9.9	16.2	15.6	14.7	13.5	11.6	11.4	10.5	9.1	7.5	5.4	4.7	4.2	3.5	2.5	2.6	6.3	16.2	-1.2
12	2.5	2.0	2.2	2.1	1.8	1.4	0.8	1.3	2.0	3.3	4.2	4.4	5.0	5.1	4.6	4.3	4.3	4.0	3.2	2.6	2.5	2.5	2.0	1.0	2.9	5.1	0.8
13	1.0	0.4	-1.0	-2.7	-3.8	-2.5	0.2	1.6	2.4	3.3	4.1	4.7	5.4	6.5	7.6	8.6	8.1	7.0	4.6	3.4	1.8	1.0	0.0	-1.2	2.5	8.6	-3.8
14	-2.5	-2.8	-2.2	-2.3	-3.1	-3.6	-3.2	-0.3	4.7	9.5	11.8	13.7	14.2	14.3	14.2	13.8	12.5	11.6	10.2	9.0	6.4	5.2	4.5	4.2	5.8	14.3	-3.6
15	3.8	4.4	4.3	3.7	3.0	2.5	2.5	4.2	5.7	8.3	11.7	14.5	16.4	16.8	17.0	17.2	16.1	15.4	11.8	6.9	3.9	3.6	2.9	0.6	8.2	17.2	0.6
16	-0.2	0.3	-0.4	-1.7	-2.1	-2.3	-2.7	0.9	6.8	12.8	14.9	16.2	17.4	18.2	18.7	19.1	18.7	17.4	13.2	8.8	6.9	5.7	2.3	0.0	7.9	19.1	-2.7
17	-1.0	-1.4	-2.5	-3.0	-2.6	-2.4	-1.3	1.4	4.8	12.3	15.9	16.1	16.3	16.0	14.3	15.3	16.4	16.1	15.5	15.1	15.2	14.9	13.6	12.5	9.1	16.4	-3.0
18	12.1	11.8	11.8	11.9	11.4	11.3	10.9	11.5	12.2	13.3	14.3	13.5	13.5	13.7	14.3	14.2	14.2	13.6	12.6	11.7	10.9	9.7	8.8	7.3	12.1	14.3	7.3
19	6.5	6.6	5.7	3.8	1.4	-0.1	-0.6	2.0	7.9	12.5	13.2	14.2	16.4	17.4	18.3	17.0	16.8	15.7	13.6	12.1	11.7	9.7	8.3	6.8	9.9	18.3	-0.6
20	6.6	5.6	5.0	4.2	3.2	1.7	1.2	4.2	7.2	10.8	13.7	14.6	14.1	14.8	15.2	14.9	12.3	10.0	8.3	8.0	6.9	6.6	6.8	6.7	8.4	15.2	1.2
21	7.0	6.7	6.1	5.8	6.3	6.2	6.4	6.4	7.2	7.5	7.3	7.6	8.0	8.2	8.2	8.1	7.7	7.3	7.0	7.0	6.6	6.2	6.1	5.9	6.9	8.2	5.8
22	6.0	5.9	5.8	5.9	5.8	5.7	5.8	6.3	6.9	7.6	8.0	9.3	10.0	9.4	8.7	9.0	8.8	9.0	8.6	8.0	7.9	7.8	7.7	7.5	7.6	10.0	5.7
23	7.2	6.9	7.0	7.2	7.1	6.7	6.4	6.6	7.0	7.6	7.1	7.8	8.7	9.8	9.6	9.4	9.5	8.9	8.2	8.0	7.9	7.4	6.5	4.5	7.6	9.8	4.5
24	3.0	1.8	1.6	1.1	0.7	0.4	1.0	1.6	5.8	7.7	9.6	10.5	10.1	10.3	10.6	10.8	10.0	9.3	8.6	7.0	5.5	3.1	2.2	0.9	5.5	10.8	0.4
25	-0.6	-1.0	-2.4	-3.4	-4.1	-4.5	-4.8	-2.1	3.5	7.6	9.1	10.5	11.7	12.7	13.7	14.3	13.7	13.8	12.3	11.9	11.1	10.2	7.5	5.4	6.1	14.3	-4.8
26	2.8	1.2	0.5	0.5	0.0	-0.2	-1.3	0.4	5.4	12.1	14.4	15.9	17.5	18.5	19.3	19.6	19.4	17.4	12.2	8.3	5.4	3.1	2.2	1.5	8.2	19.6	-1.3
27	0.8	0.0	-0.4	-1.0	-1.2	-0.9	-0.7	1.7	7.7	15.3	20.1	21.6	22.3	23.0	23.0	22.8	22.2	19.9	14.3	10.9	8.3	5.9	4.4	3.7	10.2	23.0	-1.2
28	2.6	1.4	0.4	0.0	-0.3	-1.4	-2.0	0.3	7.6	14.0	Au	Au	Au	Au	Au	19.4	18.3	15.8	13.2	11.9	10.6	7.6	6.2	4.4	6.8	19.4	-2.0
29	3.2	2.4	1.2	0.3	-0.2	-0.4	-0.9	1.5	7.0	16.6	19.2	20.2	21.0	22.2	21.8	22.5	21.9	17.7	12.6	10.0	8.2	7.0	6.3	4.6	10.2	22.5	-0.9
30	3.7	3.0	2.4	1.8	1.4	1.5	1.8	3.9	9.9	15.1	18.1	19.6	20.6	21.1	21.5	21.4	21.2	16.6	13.1	11.7	8.4	5.6	5.2	3.8	10.5	21.5	1.4
Avg	4.3	3.9	3.4	2.8	2.3	2.0	2.0	3.9	7.2	10.8	12.3	13.3	13.9	14.3	14.4	14.5	13.9	12.9	10.9	9.1	7.7	6.5	5.5	4.6	8.1	15.3	0.9
Max	16.1	14.3	14.4	15.5	14.2	11.8	13.4	15.3	19.0	22.2	25.0	26.5	26.9	27.7	27.8	25.5	22.8	21.5	19.0	17.1	15.2	14.9	14.2	16.1	19.0	27.8	11.8
Min	-2.5	-2.8	-2.9	-3.4	-4.1	-4.5	-4.8	-2.1	2.0	3.3	4.1	4.4	5.0	4.4	4.6	4.3	4.3	4.0	3.2	2.6	1.8	0.9	-0.7	-1.4	2.5	5.1	-4.8

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
July 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.76	0.79	1.19	0.50	0.35	0.33	-0.31	-0.42	-0.67	-0.95	-0.93	-1.10	-0.93	-1.13	-1.05	-1.04	-0.79	-0.32	-0.45	0.06	0.53	0.63	0.90	1.05	-0.13	1.19	-1.13
2	2.44	2.10	1.16	1.31	1.25	0.55	-0.21	-0.40	-0.37	-0.72	-1.04	-1.17	-1.34	-1.16	-0.85	-0.83	-0.40	0.19	0.37	0.36	1.24	0.17	0.45	0.72	0.16	2.44	-1.34
3	0.61	0.66	0.50	0.60	0.87	0.40	-0.30	-0.55	-0.69	-0.83	-1.12	-1.00	-1.35	-1.29	-1.03	-1.08	-0.78	-0.37	-0.08	0.50	0.65	1.07	1.47	1.02	-0.09	1.47	-1.35
4	1.01	1.62	1.21	0.77	0.93	0.61	-0.27	-0.39	-0.70	-0.79	-1.25	-1.31	-1.46	-1.41	-1.36	-1.17	-0.87	-0.60	-0.12	0.29	0.44	0.55	0.82	0.68	-0.12	1.62	-1.46
5	1.25	0.95	1.06	1.14	1.06	0.46	-0.48	-0.65	-0.97	-1.10	-1.04	-1.10	-1.15	-1.09	-1.19	-0.88	-0.61	-0.21	-0.09	0.73	0.63	0.73	0.96	0.89	-0.03	1.25	-1.19
6	0.72	1.01	0.89	0.96	0.54	0.22	-0.14	-0.20	-0.48	-1.01	-1.27	-0.90	-0.93	-0.59	-0.21	-1.14	-0.91	-0.77	-0.45	0.19	1.01	0.93	1.77	0.57	-0.01	1.77	-1.27
7	0.74	0.87	0.84	1.07	1.16	0.34	-0.33	-0.61	-1.07	-1.21	-1.18	-1.35	-1.48	-1.05	-0.86	-0.91	-0.64	-0.34	0.72	0.34	0.51	0.25	0.05	0.29	-0.16	1.16	-1.48
8	1.02	1.35	0.96	1.44	1.62	0.83	-0.25	-0.34	-0.68	-0.68	-1.05	-1.31	-1.25	-0.86	-0.61	-0.20	-0.10	0.24	0.34	0.27	0.40	0.53	0.73	0.84	0.14	1.62	-1.31
9	0.54	0.41	0.89	1.00	1.05	0.38	-0.34	-0.41	-0.56	-0.62	-0.86	-1.12	-0.98	-1.20	-0.52	0.26	-0.07	-0.33	-0.10	0.09	0.06	0.06	0.12	-0.07	-0.10	1.05	-1.20
10	-0.04	0.00	0.09	0.40	0.35	0.26	-0.10	-0.23	-0.28	-0.30	-0.39	-0.49	-0.65	-0.60	0.04	-0.04	-0.13	-0.18	-0.15	-0.03	0.02	0.07	-0.10	-0.05	-0.11	0.40	-0.65
11	-0.07	-0.04	-0.03	-0.08	-0.08	-0.10	-0.13	-0.22	-0.27	-0.17	-0.18	-0.19	-0.28	-0.47	-0.32	-0.36	-0.40	-0.42	-0.20	0.11	0.57	0.86	0.86	0.78	-0.03	0.86	-0.47
12	0.40	0.28	0.21	0.24	0.36	0.28	-0.36	-0.50	-0.86	-0.90	-0.96	-1.02	-0.90	-1.04	-1.19	-0.96	-0.73	-0.61	-0.20	0.50	0.23	0.14	0.05	0.37	-0.30	0.50	-1.19
13	0.51	0.78	0.20	-0.04	-0.04	0.04	-0.03	-0.40	-0.55	-0.69	-1.00	-0.33	-0.27	-0.26	-0.34	-0.45	-0.29	-0.32	0.17	0.80	0.72	0.23	0.13	0.55	-0.04	0.80	-1.00
14	0.51	0.57	0.76	0.77	0.62	0.78	-0.15	-0.46	-0.59	-0.92	-0.95	-1.07	-1.18	-1.15	-1.02	-0.92	-0.72	-0.55	-0.26	0.33	0.73	0.82	0.82	1.37	-0.08	1.37	-1.18
15	1.27	1.75	1.01	1.01	1.74	2.54	0.42	-0.45	-0.65	-0.99	-1.19	-1.05	-1.10	-0.86	-0.53	0.03	0.07	-0.46	-0.03	0.50	0.10	0.13	0.33	0.16	0.16	2.54	-1.19
16	0.15	0.72	0.02	0.09	0.18	0.10	-0.20	-0.68	-0.66	-0.90	-0.86	-0.75	-1.21	-1.10	-0.96	-0.53	-0.77	-0.67	-0.18	0.18	0.83	1.27	1.16	1.55	-0.13	1.55	-1.21
17	1.07	0.88	1.12	1.29	1.18	0.50	-0.28	-0.51	-0.94	-1.22	-1.18	-0.85	-0.77	-0.70	-0.62	-0.46	-0.36	-0.21	-0.02	0.03	0.07	0.13	0.32	0.57	-0.04	1.29	-1.22
18	0.63	1.14	0.90	0.47	0.61	0.34	-0.07	-0.40	-0.48	-0.95	-1.03	-1.12	-1.14	-1.00	-1.05	-0.81	-0.49	0.08	0.01	0.44	1.32	1.46	2.34	2.04	0.13	2.34	-1.14
19	2.06	1.26	1.15	0.87	1.26	0.87	-0.16	-0.43	-0.42	-0.70	-0.83	-0.93	-0.94	-0.92	-0.81	-0.40	-0.18	0.75	0.62	0.27	0.38	0.83	1.57	1.76	0.29	2.06	-0.94
20	0.94	1.37	1.19	1.39	1.37	0.94	0.09	-0.49	-0.56	-0.67	-0.63	-0.68	-0.98	-0.94	-0.40	-0.84	-0.62	-0.32	0.25	1.04	2.16	2.19	1.53	1.22	0.36	2.19	-0.98
21	1.37	0.88	1.18	1.60	0.87	1.39	-0.30	-0.46	-0.47	-0.69	-0.97	-1.03	-1.06	-1.00	-1.02	-0.83	-0.66	-0.46	0.04	0.84	0.62	1.25	1.81	2.45	0.22	2.45	-1.06
22	1.86	1.50	1.71	2.89	1.75	1.89	-0.23	-0.34	-0.46	-0.52	-0.11	-0.84	-0.63	-0.49	-0.13	0.07	-0.50	-0.21	0.16	0.32	0.39	0.44	0.55	0.75	0.41	2.89	-0.84
23	0.69	0.97	0.64	0.69	0.65	0.53	-0.15	-0.49	-0.77	-0.65	-1.04	-1.18	-1.26	-1.18	-1.02	-0.88	-0.22	-0.43	-0.10	1.00	1.93	1.26	0.61	1.06	0.03	1.93	-1.26
24	0.81	1.77	0.85	2.02	1.00	1.21	-0.13	-0.51	-0.75	-0.84	-1.12	-1.24	-1.21	-1.32	-1.12	-1.07	-0.91	-0.58	-0.08	1.18	0.76	0.95	0.80	1.04	0.06	2.02	-1.32
25	1.65	1.66	1.51	1.65	1.97	0.78	-0.33	-0.36	-0.45	-0.66	-0.93	-0.86	-1.07	-0.95	-0.98	-0.53	-0.63	-0.04	-0.08	0.62	0.43	0.41	0.44	0.55	0.16	1.97	-1.07
26	0.89	0.92	0.63	1.28	1.47	1.71	-0.12	-0.44	-0.65	-0.55	-0.72	-1.01	-0.99	-0.75	-0.37	-0.58	-0.53	-0.39	-0.05	0.18	0.38	0.54	0.60	1.36	0.12	1.71	-1.01
27	1.43	1.42	1.58	1.13	1.18	0.59	0.19	-0.40	-0.57	-0.95	-1.16	-1.16	-1.07	-1.19	-1.09	-0.91	-0.69	-0.52	0.52	0.83	0.40	0.87	1.10	1.35	0.12	1.58	-1.19
28	0.71	0.78	0.68	1.18	1.17	0.86	-0.10	-0.46	-0.53	-0.71	-0.93	-0.78	-1.09	-1.53	-1.35	-0.95	-0.76	-0.55	-0.35	0.01	0.20	0.07	0.43	0.58	-0.14	1.18	-1.53
29	0.92	1.03	0.71	1.31	1.29	0.71	-0.20	-0.52	-0.51	-0.76	-0.97	-0.97	-1.14	-1.30	-1.01	-0.82	-0.84	-0.57	-0.38	0.00	0.38	0.59	1.10	0.84	-0.05	1.31	-1.30
30	0.51	0.52	1.43	2.73	1.13	1.53	-0.03	-0.48	-0.59	-0.91	-1.17	-1.33	-1.43	-1.40	-1.26	-1.13	-0.88	-0.51	0.18	1.51	1.01	0.84	1.32	0.90	0.10	2.73	-1.43
31	1.03	1.61	1.61	1.43	1.62	1.83	-0.24	-0.51	-0.56	-0.86	-1.22	-1.33	-1.36	-1.33	-1.26	-1.09	-0.85	-0.50	0.12	1.89	2.31	1.30	0.55	1.51	0.24	2.31	-1.36
Avg	0.92	1.02	0.90	1.07	0.98	0.76	-0.17	-0.44	-0.61	-0.79	-0.94	-0.99	-1.05	-1.01	-0.82	-0.69	-0.56	-0.33	0.00	0.50	0.69	0.70	0.83	0.93	0.04	1.66	-1.17
Max	2.44	2.10	1.71	2.89	1.97	2.54	0.42	-0.20	-0.27	-0.17	-0.11	-0.19	-0.27	-0.26	0.04	0.26	0.07	0.75	0.72	1.89	2.31	2.19	2.34	2.45	0.41	2.89	-0.47
Min	-0.07	-0.04	-0.03	-0.08	-0.08	-0.10	-0.48	-0.68	-1.07	-1.22	-1.27	-1.35	-1.48	-1.53	-1.36	-1.17	-0.91	-0.77	-0.45	-0.03	0.02	0.06	-0.10	-0.07	-0.30	0.40	-1.53

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
August 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.43	1.27	2.03	1.89	1.85	1.17	0.32	-0.43	-0.69	-0.93	-1.18	-1.19	-1.33	-1.27	-1.27	-1.12	-0.83	-0.61	0.05	0.79	0.56	1.28	1.96	2.10	0.24	2.10	-1.33
2	0.92	1.08	1.76	1.95	1.46	1.48	0.34	-0.41	-0.53	-0.69	-0.88	-0.87	-0.99	-1.15	-1.17	-1.10	-0.85	-0.13	0.61	0.74	0.47	1.41	1.65	2.02	0.30	2.02	-1.17
3	1.70	1.39	1.55	2.93	1.40	0.71	0.13	-0.38	-0.87	-1.13	-1.39	-1.52	-1.55	-1.51	-1.42	-0.97	-1.00	-0.77	-0.30	0.33	1.28	1.50	1.40	1.17	0.11	2.93	-1.55
4	1.08	0.61	0.69	0.81	1.16	1.23	-0.19	-0.41	-0.54	-0.90	-0.88	-0.97	-0.99	-1.09	-1.10	-1.12	-1.01	-0.71	-0.25	0.78	0.88	0.80	0.84	0.53	-0.03	1.23	-1.12
5	0.62	0.56	0.61	1.02	1.03	2.04	0.03	-0.40	-0.82	-1.12	-1.39	-1.55	-1.55	-1.41	-0.99	-0.79	-0.51	-0.15	-0.03	0.45	0.97	1.47	0.75	0.15	-0.04	2.04	-1.55
6	1.37	1.51	1.02	0.97	0.58	0.83	0.19	-0.06	-0.15	-0.36	-0.57	-0.71	-1.72	-1.51	-0.89	-0.60	0.09	0.11	0.12	0.10	-0.03	-0.03	0.07	0.58	0.04	1.51	-1.72
7	0.89	0.87	1.01	1.10	1.18	0.94	0.26	-0.19	-0.07	0.05	-0.50	-0.39	-0.50	-1.03	-0.85	-0.57	-0.57	-0.05	0.07	0.09	0.11	0.09	0.40	0.27	0.11	1.18	-1.03
8	0.42	0.15	0.24	0.15	0.17	0.10	-0.30	-0.31	-0.39	-0.55	-0.69	-0.92	-1.03	-1.08	-0.87	-0.32	-0.36	0.12	0.45	0.18	0.42	0.28	0.47	0.75	-0.12	0.75	-1.08
9	1.53	1.24	1.39	1.23	0.95	1.47	0.67	-0.17	-0.41	-0.87	-0.70	-0.96	-1.11	-0.86	-0.79	-0.54	-0.07	-0.19	-0.20	0.22	0.52	0.65	0.37	0.06	0.14	1.53	-1.11
10	-0.10	0.02	0.89	1.11	0.53	0.51	-0.29	-0.56	-0.84	-1.07	-1.29	-1.39	-1.49	-1.47	-1.27	-1.05	-0.69	-0.69	-0.17	0.67	1.09	1.12	0.33	0.69	-0.23	1.12	-1.49
11	0.48	0.51	0.93	1.01	0.81	1.36	-0.08	-0.48	-0.67	-0.95	-1.10	-1.24	-1.29	-1.39	-1.09	-0.68	-1.00	-0.78	-0.18	0.96	0.49	0.20	0.21	1.03	-0.12	1.36	-1.39
12	1.24	0.86	0.87	0.98	0.86	0.56	-0.27	-0.45	-0.61	-0.93	-1.07	-1.55	-1.41	-1.43	-0.88	-0.55	-0.20	-0.52	0.14	0.17	0.82	0.59	0.49	1.04	-0.05	1.24	-1.55
13	0.76	0.63	0.79	1.06	1.76	1.33	0.27	-0.42	-0.49	-0.72	-0.99	-1.16	-1.33	-1.19	-0.93	-0.83	-0.64	-0.50	0.59	0.35	0.43	0.54	0.96	1.48	0.07	1.76	-1.33
14	1.26	1.36	0.90	1.36	1.83	1.70	0.58	-0.42	-0.49	-0.88	-0.99	-0.95	-1.23	-1.24	-1.27	-1.11	-0.91	-0.56	0.13	0.69	0.63	0.74	1.36	1.27	0.16	1.83	-1.27
15	1.40	1.24	1.50	1.56	1.66	1.39	0.31	-0.41	-0.53	-0.89	-1.22	-1.32	-1.30	-1.16	-1.31	-1.19	-0.86	-0.51	-0.02	0.61	1.98	0.79	0.91	1.33	0.17	1.98	-1.32
16	1.87	0.81	1.71	1.12	1.42	1.35	0.44	-0.45	-0.45	-0.62	-0.87	-1.21	-1.03	-1.27	-1.12	-1.01	-0.78	-0.45	0.27	0.96	0.44	1.79	1.03	1.39	0.22	1.87	-1.27
17	1.42	1.58	1.47	1.39	1.68	1.23	0.63	-0.32	-0.49	-0.62	-0.84	-0.97	-1.16	-1.11	-1.23	-1.04	-0.83	-0.40	0.03	0.86	1.20	1.16	1.45	1.31	0.27	1.68	-1.23
18	1.10	0.76	0.23	0.28	0.11	-0.09	-0.12	-0.39	-0.51	-0.40	-0.37	-0.78	-0.82	-1.00	-0.98	-0.66	-0.36	-0.17	-0.17	-0.03	0.08	0.03	0.01	0.08	-0.17	1.10	-1.00
19	0.04	0.02	0.05	0.06	0.06	0.01	-0.06	-0.39	-0.52	-0.91	-1.11	-1.12	-1.19	-0.77	-0.54	-0.60	-0.83	-0.53	-0.25	0.41	0.32	0.02	0.54	0.42	-0.29	0.54	-1.19
20	0.40	0.55	0.89	1.29	1.07	1.10	0.07	-0.52	-0.51	-0.70	-0.92	-0.97	-0.97	-1.07	-0.97	-0.89	-0.74	-0.48	0.01	0.88	0.10	0.15	0.58	1.03	-0.03	1.29	-1.07
21	1.17	1.43	1.39	1.66	1.06	1.53	0.67	-0.39	-0.51	-0.73	-1.02	-1.06	-1.19	-1.11	-1.05	-0.88	-0.62	-0.21	0.81	1.31	0.35	0.82	1.55	1.33	0.26	1.66	-1.19
22	1.28	1.84	1.72	2.02	2.05	1.80	0.85	-0.41	-0.51	-0.84	-0.97	-0.81	-0.87	-1.12	-1.12	-0.93	-0.47	0.12	0.37	0.39	0.74	0.84	0.33	0.22	0.27	2.05	-1.12
23	0.29	0.37	0.75	1.27	1.47	1.34	0.75	-0.36	-0.72	-1.05	-1.19	-1.25	-1.48	-1.33	-1.16	-0.85	-0.61	-0.23	0.09	0.21	0.37	0.42	0.89	0.88	-0.05	1.47	-1.48
24	1.01	0.44	0.32	0.06	-0.01	-0.01	-0.13	-0.21	-0.24	-0.61	-0.62	-0.55	-0.86	-0.93	-0.94	-0.73	-0.68	-0.60	-0.10	0.74	1.12	0.41	0.46	0.30	-0.10	1.12	-0.94
25	0.25	0.08	0.62	1.01	1.18	1.60	0.24	-0.43	-0.50	-0.77	-0.70	-0.60	-0.63	-0.58	-0.24	-0.31	-0.26	-0.29	0.31	0.93	1.06	0.33	0.51	0.44	0.14	1.60	-0.77
26	0.62	0.26	0.49	0.85	1.34	1.63	0.50	-0.35	-0.50	-0.64	-0.85	-0.91	-1.18	-1.16	-1.15	-1.17	-0.86	-0.57	0.12	1.12	1.08	1.79	1.55	1.26	0.14	1.79	-1.18
27	1.48	0.61	0.96	1.29	0.97	0.98	0.35	-0.24	-0.47	-0.88	-1.18	-1.32	-1.35	-1.28	-0.87	-1.06	-0.75	0.03	1.02	0.88	0.13	0.28	0.44	0.47	0.02	1.48	-1.35
28	1.04	1.26	1.67	1.09	0.83	0.58	0.35	-0.22	-0.40	-0.42	-1.14	-0.73	-0.94	-1.14	-0.91	-0.38	-0.13	0.03	0.50	1.14	1.17	2.12	2.18	1.73	0.39	2.18	-1.14
29	1.91	1.68	1.76	1.91	2.89	2.44	1.84	-0.09	-0.49	-0.77	-0.93	-0.87	-0.88	-0.72	-0.85	-0.83	-0.66	0.04	0.11	0.24	0.35	0.66	1.99	1.13	0.49	2.89	-0.93
30	0.85	1.81	1.95	1.48	1.83	1.44	1.32	0.05	-0.33	-0.47	-0.74	-1.03	-1.13	-1.06	-0.80	-0.63	-0.34	-0.02	0.17	0.61	1.40	1.27	1.87	2.74	0.51	2.74	-1.13
31	3.15	2.11	2.88	2.55	2.62	2.21	1.70	-0.14	-0.38	-0.60	-1.07	-1.18	-1.19	-1.26	-0.39	-0.40	0.44	0.84	0.46	0.92	1.01	1.39	1.11	0.78	0.73	3.15	-1.26
Avg	1.06	0.93	1.13	1.24	1.22	1.16	0.37	-0.33	-0.50	-0.74	-0.95	-1.03	-1.15	-1.15	-0.98	-0.80	-0.58	-0.28	0.15	0.60	0.69	0.80	0.92	0.97	0.11	1.72	-1.23
Max	3.15	2.11	2.88	2.93	2.89	2.44	1.84	0.05	-0.07	0.05	-0.37	-0.39	-0.50	-0.58	-0.24	-0.31	0.44	0.84	1.02	1.31	1.98	2.12	2.18	2.74	0.73	3.15	-0.77
Min	-0.10	0.02	0.05	0.06	-0.01	-0.09	-0.30	-0.56	-0.87	-1.13	-1.39	-1.55	-1.72	-1.51	-1.42	-1.19	-1.01	-0.78	-0.30	-0.03	-0.03	-0.03	0.01	0.06	-0.29	0.54	-1.72

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Temperature Delta T (degrees Celsius)
September 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.13	1.17	0.48	0.25	0.95	1.34	0.38	0.07	0.07	-0.42	-1.14	-1.33	-0.92	-1.24	-0.94	-0.19	-0.09	0.39	0.29	0.33	0.82	0.94	1.77	0.86	0.21	1.77	-1.33
2	0.16	0.34	0.47	1.16	1.39	0.98	0.90	-0.06	-0.44	-0.49	-0.77	-1.20	-1.26	-0.79	-0.37	-0.19	-0.27	-0.11	0.04	0.49	0.55	0.27	0.17	0.19	0.05	1.39	-1.26
3	0.21	0.04	0.26	0.31	0.00	-0.02	0.04	-0.28	-0.33	-0.42	-0.58	-0.88	-0.69	-0.83	-0.85	-0.50	-0.18	-0.02	0.36	0.60	0.12	0.03	0.07	0.01	-0.15	0.60	-0.88
4	0.02	-0.09	-0.11	-0.10	-0.12	-0.06	-0.07	-0.07	-0.05	-0.15	-0.22	-0.12	-0.08	-0.25	-0.28	-0.22	-0.23	-0.19	-0.16	-0.11	-0.16	-0.14	-0.15	-0.11	-0.13	0.02	-0.28
5	-0.13	-0.13	-0.19	-0.18	-0.15	-0.07	-0.19	-0.16	-0.22	-0.30	-0.29	-0.54	-0.58	-0.80	-0.75	-0.69	-0.33	-0.37	-0.06	0.72	0.97	0.53	0.36	0.45	-0.13	0.97	-0.80
6	0.31	0.28	0.18	0.17	0.26	0.31	0.13	-0.19	-0.30	-0.50	-0.79	-0.95	-0.70	-0.91	-0.72	-0.59	-0.26	0.22	0.25	0.27	0.14	0.15	0.18	-0.03	-0.13	0.31	-0.95
7	-0.09	0.05	0.10	0.36	0.52	0.44	0.55	-0.04	-0.29	-0.54	-0.48	-0.46	-0.86	-0.78	-1.00	-0.61	-0.42	-0.24	0.83	1.20	0.52	0.45	0.57	0.28	0.00	1.20	-1.00
8	0.21	0.65	0.79	0.73	0.81	0.46	0.31	-0.09	-0.04	-0.60	-0.90	-1.04	-0.66	-0.46	-0.73	-0.55	-0.27	-0.09	0.25	0.53	0.62	0.76	0.78	0.65	0.09	0.81	-1.04
9	0.67	0.29	0.83	0.59	0.15	0.03	0.01	-0.18	-0.38	-0.63	-0.79	-0.92	-0.76	-1.21	-0.89	-0.88	-0.74	-0.29	0.82	1.39	0.59	1.23	1.53	1.15	0.07	1.53	-1.21
10	1.28	0.94	0.89	0.76	0.92	1.05	1.04	0.01	-0.37	-0.62	-0.78	-1.01	-1.11	-1.11	-0.98	-0.72	-0.37	0.03	0.45	1.31	2.37	2.24	2.02	0.96	0.38	2.37	-1.11
11	0.78	1.42	1.22	1.80	1.57	1.36	0.51	-0.29	-0.27	-0.50	-0.79	-0.79	-0.76	-0.24	-0.26	0.03	0.06	0.03	0.08	0.16	0.11	0.08	0.00	0.15	0.23	1.80	-0.79
12	0.07	0.01	0.04	0.05	0.06	0.09	0.12	-0.11	-0.48	-0.77	-0.84	-0.58	-0.68	-0.69	-0.57	-0.53	-0.36	-0.25	-0.13	-0.12	-0.08	-0.10	-0.09	0.08	-0.24	0.12	-0.84
13	-0.03	0.12	0.52	0.66	0.74	0.51	0.10	-0.28	-0.81	-0.92	-1.22	-1.10	-0.97	-0.86	-1.01	-1.27	-0.93	-0.42	0.20	0.29	0.65	0.68	0.66	0.67	-0.17	0.74	-1.27
14	0.71	0.69	0.07	0.04	0.23	0.25	0.23	-0.29	-0.34	-0.42	-0.90	-1.14	-0.79	-0.88	-0.75	-0.54	-0.18	-0.03	0.25	0.41	0.76	0.73	0.38	0.46	-0.04	0.76	-1.14
15	0.35	0.38	0.32	0.49	0.61	0.81	0.28	-0.19	-0.32	-0.47	-0.68	-0.96	-1.07	-1.01	-0.97	-0.94	-0.35	-0.18	1.34	1.08	1.21	0.67	0.72	1.31	0.10	1.34	-1.07
16	1.15	0.82	1.10	1.33	1.64	1.30	1.14	-0.26	-0.40	-0.75	-1.06	-1.12	-1.25	-1.03	-0.97	-0.84	-0.54	0.05	1.16	0.88	0.52	0.47	1.31	1.79	0.27	1.79	-1.25
17	1.86	1.92	1.69	1.32	1.27	1.38	0.23	-0.21	-0.26	-0.47	-0.42	-0.44	-0.36	-0.14	0.50	0.33	0.31	0.39	0.46	0.48	0.28	0.14	0.11	0.15	0.44	1.92	-0.47
18	0.22	0.28	0.22	0.23	0.21	0.13	0.16	-0.15	-0.32	-0.50	-0.86	-0.41	-0.20	-0.20	-0.27	-0.15	-0.05	0.02	0.27	0.36	0.28	0.58	0.89	1.25	0.08	1.25	-0.86
19	1.46	1.22	1.34	1.61	0.77	0.39	0.39	-0.15	-0.53	-0.80	-0.78	-0.84	-0.98	-0.96	-1.15	-0.28	0.15	0.28	0.88	0.94	0.55	0.29	0.43	0.66	0.20	1.61	-1.15
20	0.41	0.88	0.66	0.65	1.00	1.16	0.97	0.03	-0.31	-0.41	-0.65	-0.57	-0.47	-0.65	-0.65	-0.57	-0.43	0.23	0.11	0.11	0.08	0.05	-0.04	0.03	0.07	1.16	-0.65
21	0.01	0.09	0.04	0.05	0.03	0.10	0.13	-0.10	-0.38	-0.40	-0.30	-0.39	-0.44	-0.47	-0.44	-0.41	-0.28	-0.18	-0.10	0.01	0.08	-0.02	0.01	-0.02	-0.14	0.13	-0.47
22	-0.03	-0.01	-0.08	-0.03	-0.06	-0.01	-0.03	-0.15	-0.22	-0.17	-0.28	-0.47	-0.65	-0.42	-0.27	-0.25	-0.21	-0.10	-0.03	-0.02	-0.05	-0.02	-0.01	0.06	-0.15	0.06	-0.65
23	0.03	0.06	0.01	0.07	0.02	0.03	0.01	-0.11	-0.22	-0.48	-0.55	-0.58	-0.62	-0.83	-0.60	-0.34	-0.29	-0.04	0.21	0.18	0.14	0.21	0.27	0.69	-0.11	0.69	-0.83
24	0.38	0.36	0.54	0.54	0.77	0.69	0.23	0.13	-0.30	-0.40	-0.85	-0.92	-0.49	-0.50	-0.55	-0.51	-0.21	0.00	0.15	0.65	0.73	1.01	0.17	0.47	0.09	1.01	-0.92
25	0.84	0.45	0.68	0.97	1.02	0.84	1.07	-0.11	-0.49	-0.80	-1.01	-1.12	-1.11	-1.03	-0.98	-0.78	-0.16	-0.05	0.21	0.12	0.17	0.42	1.04	1.07	0.05	1.07	-1.12
26	1.28	1.31	1.11	1.01	0.83	1.04	0.98	0.26	-0.38	-0.75	-0.87	-0.92	-0.98	-0.90	-0.76	-0.54	-0.20	0.75	1.36	0.73	1.12	1.31	1.08	1.02	0.37	1.36	-0.98
27	1.49	1.91	1.92	1.66	1.56	1.36	2.10	0.19	-0.46	-0.60	-0.83	-0.94	-0.96	-0.87	-0.82	-0.64	-0.26	0.78	1.56	0.60	0.96	1.67	1.97	1.08	0.60	2.10	-0.96
28	1.19	1.36	1.28	1.23	0.60	0.84	1.34	0.00	-0.42	-0.81	Au	Au	Au	Au	Au	-0.73	-0.33	0.26	0.47	0.81	1.22	1.62	1.20	1.18	0.65	1.62	-0.81
29	1.00	0.99	1.19	1.23	1.50	1.62	1.56	0.69	-0.21	-0.45	-0.44	-0.64	-0.75	-0.82	-0.45	-0.64	-0.29	1.04	1.09	1.07	1.17	1.09	0.91	1.10	0.52	1.62	-0.82
30	1.41	1.43	1.36	1.55	1.97	1.55	1.37	0.43	-0.34	-0.57	-0.59	-0.73	-0.90	-0.85	-0.80	-0.66	-0.34	1.42	1.39	0.35	0.94	1.86	1.27	1.57	0.59	1.97	-0.90
Avg	0.61	0.64	0.63	0.68	0.70	0.66	0.53	-0.06	-0.33	-0.54	-0.71	-0.80	-0.76	-0.75	-0.66	-0.51	-0.27	0.11	0.47	0.53	0.58	0.64	0.65	0.64	0.12	1.17	-0.93
Max	1.86	1.92	1.92	1.80	1.97	1.62	2.10	0.69	0.07	-0.15	-0.22	-0.12	-0.08	-0.14	0.50	0.33	0.31	1.42	1.56	1.39	2.37	2.24	2.02	1.79	0.65	2.37	-0.28
Min	-0.13	-0.13	-0.19	-0.18	-0.15	-0.07	-0.19	-0.29	-0.81	-0.92	-1.22	-1.33	-1.26	-1.24	-1.15	-1.27	-0.93	-0.42	-0.16	-0.12	-0.16	-0.14	-0.15	-0.11	-0.24	0.02	-1.33

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m^2)
July 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	5	85	214	419	598	748	866	952	747	896	780	771	609	326	237	71	3	0	0	0	347	952	0
2	0	0	0	0	5	100	200	349	393	668	842	963	1023	870	655	632	407	246	113	23	1	0	0	0	312	1023	0
3	0	0	0	0	3	94	252	424	566	655	791	761	948	864	732	730	565	351	234	85	4	0	0	0	336	948	0
4	0	0	0	0	6	43	150	326	456	477	851	918	958	916	843	708	554	400	193	46	4	0	0	0	327	958	0
5	0	0	0	0	3	100	260	432	604	661	666	692	769	725	691	621	344	176	162	55	2	0	0	0	290	769	0
6	0	0	0	0	0	18	83	116	489	768	743	506	583	298	223	636	516	415	249	54	2	0	0	0	237	768	0
7	0	0	0	0	3	102	253	420	588	739	839	941	900	720	620	630	360	258	86	38	1	0	0	0	312	941	0
8	0	0	0	0	4	65	248	395	483	486	834	939	788	655	503	304	105	66	27	23	2	0	0	0	247	939	0
9	0	0	0	0	5	85	218	394	591	523	672	777	730	806	264	14	150	230	79	34	1	0	0	0	232	806	0
10	0	0	0	0	0	21	57	94	124	161	216	251	384	345	17	27	51	92	112	33	0	0	0	0	83	384	0
11	0	0	0	0	0	14	36	97	126	49	76	98	215	384	195	307	348	334	194	80	3	0	0	0	107	384	0
12	0	0	0	0	2	96	252	428	567	677	717	786	710	806	903	671	513	412	239	87	4	0	0	0	328	903	0
13	0	0	0	0	1	41	180	249	358	383	667	270	244	458	308	397	357	337	135	42	4	0	0	0	185	667	0
14	0	0	0	0	2	83	120	412	590	724	857	939	1032	881	778	747	560	399	231	71	2	0	0	0	351	1032	0
15	0	0	0	0	2	77	224	412	580	731	844	916	961	693	493	66	130	317	55	17	5	0	0	0	272	961	0
16	0	0	0	0	1	27	159	399	415	613	648	548	992	841	746	440	549	447	212	68	2	0	0	0	296	992	0
17	0	0	0	0	2	71	215	376	565	731	868	742	643	674	509	453	383	153	39	14	0	0	0	0	268	868	0
18	0	0	0	0	1	68	223	402	439	756	812	904	931	813	827	707	504	156	177	34	1	0	0	0	323	931	0
19	0	0	0	0	2	66	227	405	577	727	842	922	948	926	852	587	467	143	52	41	1	0	0	0	324	948	0
20	0	0	0	0	3	57	159	400	445	575	772	820	923	898	537	722	550	367	213	58	2	0	0	0	313	923	0
21	0	0	0	0	1	63	215	408	569	723	838	923	949	916	835	714	556	392	227	69	2	0	0	0	350	949	0
22	0	0	0	0	1	52	225	398	538	503	376	823	594	600	328	484	538	393	206	74	3	0	0	0	256	823	0
23	0	0	0	0	1	60	222	396	524	413	665	860	890	804	598	538	263	321	237	64	1	0	0	0	286	890	0
24	0	0	0	0	1	60	221	395	566	722	838	917	942	911	830	710	554	387	215	55	1	0	0	0	347	942	0
25	0	0	0	0	1	40	213	384	553	706	818	897	923	896	835	478	436	174	84	4	0	0	0	0	310	923	0
26	0	0	0	0	0	57	213	387	558	713	834	904	940	669	613	541	421	305	95	11	0	0	0	0	303	940	0
27	0	0	0	0	0	54	205	379	552	689	817	843	748	854	811	558	425	325	82	18	0	0	0	0	307	854	0
28	0	0	0	0	0	43	203	374	546	702	837	614	865	953	790	422	335	278	193	39	0	0	0	0	300	953	0
29	0	0	0	0	0	47	199	373	544	698	827	697	879	914	739	727	553	377	219	44	0	0	0	0	327	914	0
30	0	0	0	0	0	42	195	370	543	700	822	885	936	898	787	707	543	351	191	40	0	0	0	0	334	936	0
31	0	0	0	0	0	42	198	374	547	700	820	894	919	891	797	689	533	363	186	29	0	0	0	0	333	919	0
Avg	0	0	0	0	2	60	195	361	503	617	739	771	807	767	627	540	425	300	160	46	2	0	0	0	288	875	0
Max	0	0	0	0	6	102	260	432	604	768	868	963	1032	953	903	771	609	447	249	87	5	0	0	0	351	1032	0
Min	0	0	0	0	0	14	36	94	124	49	76	98	215	298	17	14	51	66	27	4	0	0	0	0	83	384	0

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m^2)
August 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	41	202	387	564	718	843	914	938	904	822	697	539	364	188	34	0	0	0	0	340	938	0
2	0	0	0	0	0	26	151	322	508	662	805	896	932	894	796	674	520	246	45	12	0	0	0	0	312	932	0
3	0	0	0	0	0	31	174	327	541	694	817	890	921	890	809	517	504	355	171	32	0	0	0	0	320	921	0
4	0	0	0	0	0	36	189	368	542	698	823	899	925	891	813	693	532	358	184	30	0	0	0	0	333	925	0
5	0	0	0	0	0	30	175	351	527	682	777	841	861	716	532	419	292	103	58	14	0	0	0	0	266	861	0
6	0	0	0	0	0	0	21	34	79	241	343	585	970	866	568	300	5	5	26	10	0	0	0	0	169	970	0
7	0	0	0	0	0	24	149	128	148	123	577	350	482	863	644	332	314	3	10	2	0	0	0	0	173	863	0
8	0	0	0	0	0	20	138	339	518	672	791	857	889	883	702	334	334	169	20	4	0	0	0	0	278	889	0
9	0	0	0	0	0	17	136	267	492	657	523	746	897	635	736	391	128	210	134	5	0	0	0	0	249	897	0
10	0	0	0	0	0	25	175	350	519	671	803	887	939	902	693	612	393	349	137	15	0	0	0	0	311	939	0
11	0	0	0	0	0	23	170	342	516	672	797	901	790	893	606	376	502	340	154	15	0	0	0	0	296	901	0
12	0	0	0	0	0	11	151	276	522	665	688	933	853	866	425	273	150	324	38	9	0	0	0	0	258	933	0
13	0	0	0	0	0	20	164	335	513	672	791	876	896	862	774	526	476	288	87	12	0	0	0	0	304	896	0
14	0	0	0	0	0	8	140	327	495	579	660	667	826	843	807	673	494	313	120	15	0	0	0	0	290	843	0
15	0	0	0	0	0	14	145	321	499	655	767	861	880	861	775	648	483	305	132	13	0	0	0	0	307	880	0
16	0	0	0	0	0	14	146	323	507	663	785	859	888	852	755	638	468	299	108	7	0	0	0	0	305	888	0
17	0	0	0	0	0	16	102	265	437	573	724	758	808	772	753	578	412	246	71	10	0	0	0	0	272	808	0
18	0	0	0	0	0	0	5	151	156	98	125	330	259	512	590	375	79	19	8	0	0	0	0	0	113	590	0
19	0	0	0	0	0	3	42	206	315	626	706	843	792	381	249	367	466	262	125	8	0	0	0	0	225	843	0
20	0	0	0	0	0	12	149	317	493	649	753	834	856	804	732	618	463	294	107	6	0	0	0	0	295	856	0
21	0	0	0	0	0	6	137	315	495	655	781	861	884	849	762	627	463	286	109	5	0	0	0	0	301	884	0
22	0	0	0	0	0	5	109	289	497	652	767	609	592	782	748	618	391	134	53	3	0	0	0	0	260	782	0
23	0	0	0	0	0	7	44	291	473	636	759	824	880	783	665	433	318	129	32	3	0	0	0	0	262	880	0
24	0	0	0	0	0	1	15	53	51	201	219	352	470	461	500	330	261	248	78	5	0	0	0	0	135	500	0
25	0	0	0	0	0	4	121	292	470	629	554	360	351	248	95	128	123	145	44	2	0	0	0	0	149	629	0
26	0	0	0	0	0	3	42	291	469	656	536	677	801	685	721	616	366	273	89	1	0	0	0	0	259	801	0
27	0	0	0	0	0	2	37	155	448	620	707	791	826	712	476	603	372	136	50	1	0	0	0	0	247	826	0
28	0	0	0	0	0	6	79	243	331	388	711	437	605	647	470	209	141	166	92	1	0	0	0	0	189	711	0
29	0	0	0	0	0	3	96	277	457	601	710	788	818	564	665	580	406	164	72	1	0	0	0	0	258	818	0
30	0	0	0	0	0	1	35	198	287	508	717	826	851	676	567	459	310	170	45	0	0	0	0	0	235	851	0
31	0	0	0	0	0	1	86	265	444	604	724	799	822	770	282	277	90	21	12	0	0	0	0	0	217	822	0
Avg	0	0	0	0	0	13	114	271	429	575	680	744	790	751	630	481	348	217	84	9	0	0	0	0	256	841	0
Max	0	0	0	0	0	41	202	387	564	718	843	933	970	904	822	697	539	364	188	34	0	0	0	0	340	970	0
Min	0	0	0	0	0	0	5	34	51	98	125	330	259	248	95	128	5	3	8	0	0	0	0	0	113	500	0

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Solar Radiation (watts m^2)
September 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	1	42	114	189	403	666	742	556	656	499	152	152	27	20	0	0	0	0	0	176	742	0
2	0	0	0	0	0	4	39	193	372	506	496	756	708	375	148	66	116	42	12	0	0	0	0	0	160	756	0
3	0	0	0	0	0	2	45	105	158	220	504	641	268	498	382	227	99	50	9	0	0	0	0	0	134	641	0
4	0	0	0	0	0	0	8	18	30	57	119	64	36	84	73	35	50	30	5	0	0	0	0	0	25	119	0
5	0	0	0	0	0	0	24	26	55	149	153	208	240	362	302	249	83	143	27	0	0	0	0	0	84	362	0
6	0	0	0	0	0	2	48	223	405	552	602	579	444	626	457	342	168	62	18	0	0	0	0	0	189	626	0
7	0	0	0	0	0	1	16	196	259	362	280	287	574	457	611	355	263	194	31	0	0	0	0	0	162	611	0
8	0	0	0	0	0	0	62	205	239	593	710	808	450	364	558	352	214	137	29	0	0	0	0	0	197	808	0
9	0	0	0	0	0	0	12	44	159	260	383	462	414	751	506	499	364	191	27	0	0	0	0	0	170	751	0
10	0	0	0	0	0	1	29	187	366	542	628	738	793	749	656	499	308	160	27	0	0	0	0	0	237	793	0
11	0	0	0	0	0	1	45	247	260	437	455	484	386	116	115	65	41	19	1	0	0	0	0	0	111	484	0
12	0	0	0	0	0	0	27	138	253	433	486	284	307	304	203	191	95	49	9	0	0	0	0	0	116	486	0
13	0	0	0	0	0	0	21	125	325	346	503	451	375	455	548	511	336	163	20	0	0	0	0	0	174	548	0
14	0	0	0	0	0	1	88	266	447	502	545	675	414	402	328	214	58	33	6	0	0	0	0	0	166	675	0
15	0	0	0	0	0	0	13	105	151	419	596	661	770	733	622	522	225	149	12	0	0	0	0	0	207	770	0
16	0	0	0	0	0	0	62	227	397	549	672	740	756	720	564	493	327	144	10	0	0	0	0	0	236	756	0
17	0	0	0	0	0	2	57	77	149	399	277	295	243	176	89	104	59	39	3	0	0	0	0	0	82	399	0
18	0	0	0	0	0	0	21	130	242	447	620	263	177	184	210	152	117	64	5	0	0	0	0	0	110	620	0
19	0	0	0	0	0	0	50	193	377	613	432	474	623	556	641	220	113	55	4	0	0	0	0	0	181	641	0
20	0	0	0	0	0	0	18	79	168	404	442	437	195	399	310	285	213	9	2	0	0	0	0	0	123	442	0
21	0	0	0	0	0	0	4	44	142	139	81	162	186	201	149	112	64	26	1	0	0	0	0	0	55	201	0
22	0	0	0	0	0	0	5	52	96	64	161	411	225	110	65	61	48	27	2	0	0	0	0	0	55	411	0
23	0	0	0	0	0	0	8	52	90	199	171	198	228	348	193	83	85	14	0	0	0	0	0	0	70	348	0
24	0	0	0	0	0	0	3	88	183	250	557	603	291	304	334	277	111	36	1	0	0	0	0	0	127	603	0
25	0	0	0	0	0	0	30	206	363	510	637	691	687	653	558	424	150	85	1	0	0	0	0	0	208	691	0
26	0	0	0	0	0	0	36	119	357	509	606	652	660	598	489	391	230	81	2	0	0	0	0	0	197	660	0
27	0	0	0	0	0	0	32	196	362	516	635	698	705	659	558	422	255	83	2	0	0	0	0	0	213	705	0
28	0	0	0	0	0	0	28	181	345	495	Au	Au	Au	Au	Au	409	243	74	1	0	0	0	0	0	93	495	0
29	0	0	0	0	0	0	26	179	278	515	407	519	590	618	350	412	229	19	1	0	0	0	0	0	173	618	0
30	0	0	0	0	0	0	23	177	338	484	597	631	670	600	526	388	217	19	0	0	0	0	0	0	195	670	0
Avg	0	0	0	0	0	1	31	140	252	396	463	504	447	450	381	284	168	74	10	0	0	0	0	0	148	581	0
Max	0	0	0	0	0	4	88	266	447	613	710	808	793	751	656	522	364	194	31	0	0	0	0	0	237	808	0
Min	0	0	0	0	0	0	3	18	30	57	81	64	36	84	65	35	41	9	0	0	0	0	0	0	25	119	0

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
July 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	24.45	24.44	24.44	24.44	24.44	24.45	24.45	24.45	24.45	24.44	24.44	24.43	24.43	24.41	24.40	24.38	24.37	24.36	24.36	24.36	24.38	24.40	24.39	24.39	24.41	24.45	24.36
2	24.38	24.38	24.37	24.38	24.39	24.40	24.41	24.41	24.41	24.40	24.40	24.39	24.38	24.37	24.36	24.35	24.35	24.34	24.34	24.34	24.36	24.39	24.41	24.39	24.38	24.41	24.34
3	24.39	24.38	24.38	24.37	24.37	24.38	24.38	24.38	24.38	24.37	24.36	24.37	24.35	24.33	24.31	24.29	24.28	24.27	24.28	24.28	24.30	24.32	24.34	24.34	24.34	24.39	24.27
4	24.34	24.34	24.34	24.35	24.35	24.36	24.36	24.36	24.36	24.35	24.34	24.33	24.30	24.29	24.27	24.26	24.25	24.25	24.26	24.30	24.32	24.35	24.36	24.38	24.32	24.38	24.25
5	24.38	24.38	24.37	24.37	24.36	24.37	24.38	24.38	24.38	24.37	24.36	24.35	24.35	24.34	24.33	24.32	24.31	24.30	24.30	24.31	24.33	24.33	24.33	24.33	24.35	24.38	24.30
6	24.32	24.30	24.29	24.28	24.28	24.28	24.30	24.30	24.28	24.28	24.28	24.28	24.31	24.33	24.33	24.32	24.31	24.31	24.33	24.35	24.36	24.37	24.37	24.37	24.31	24.37	24.28
7	24.37	24.36	24.36	24.36	24.36	24.38	24.40	24.41	24.41	24.41	24.40	24.40	24.39	24.39	24.38	24.38	24.37	24.36	24.36	24.37	24.37	24.38	24.39	24.38	24.38	24.41	24.36
8	24.38	24.37	24.36	24.35	24.35	24.36	24.36	24.35	24.35	24.34	24.33	24.32	24.31	24.30	24.29	24.29	24.32	24.34	24.37	24.34	24.34	24.34	24.35	24.35	24.34	24.38	24.29
9	24.36	24.35	24.36	24.36	24.36	24.37	24.37	24.37	24.37	24.36	24.37	24.36	24.35	24.33	24.33	24.37	24.37	24.37	24.37	24.38	24.37	24.38	24.39	24.37	24.36	24.39	24.33
10	24.36	24.36	24.33	24.31	24.30	24.30	24.29	24.28	24.26	24.24	24.23	24.22	24.20	24.16	24.17	24.20	24.22	24.20	24.19	24.19	24.18	24.16	24.17	24.17	24.24	24.36	24.16
11	24.17	24.16	24.16	24.17	24.18	24.19	24.20	24.22	24.24	24.26	24.28	24.29	24.30	24.31	24.32	24.33	24.34	24.34	24.34	24.34	24.35	24.36	24.36	24.35	24.27	24.36	24.16
12	24.34	24.33	24.34	24.33	24.32	24.33	24.35	24.35	24.35	24.35	24.34	24.35	24.35	24.34	24.34	24.34	24.34	24.34	24.35	24.37	24.39	24.42	24.43	24.43	24.35	24.43	24.32
13	24.43	24.43	24.44	24.45	24.46	24.48	24.50	24.51	24.51	24.52	24.52	24.54	24.54	24.54	24.54	24.54	24.53	24.52	24.53	24.54	24.56	24.58	24.58	24.58	24.52	24.58	24.43
14	24.58	24.57	24.57	24.57	24.57	24.58	24.58	24.59	24.58	24.58	24.58	24.57	24.57	24.56	24.56	24.55	24.54	24.53	24.53	24.53	24.54	24.55	24.55	24.55	24.56	24.59	24.53
15	24.55	24.54	24.53	24.52	24.51	24.50	24.49	24.48	24.47	24.46	24.44	24.43	24.42	24.39	24.37	24.35	24.40	24.35	24.37	24.37	24.36	24.36	24.37	24.38	24.43	24.55	24.35
16	24.36	24.36	24.35	24.35	24.36	24.36	24.36	24.36	24.37	24.36	24.36	24.36	24.36	24.36	24.36	24.35	24.35	24.36	24.37	24.38	24.39	24.41	24.42	24.43	24.37	24.43	24.35
17	24.43	24.42	24.42	24.42	24.43	24.44	24.45	24.45	24.45	24.45	24.44	24.44	24.43	24.43	24.42	24.42	24.41	24.41	24.43	24.47	24.45	24.47	24.46	24.47	24.44	24.47	24.41
18	24.48	24.48	24.46	24.47	24.46	24.47	24.48	24.47	24.47	24.46	24.45	24.44	24.43	24.42	24.41	24.40	24.38	24.36	24.35	24.35	24.37	24.38	24.38	24.39	24.43	24.48	24.35
19	24.41	24.42	24.43	24.44	24.45	24.46	24.46	24.45	24.45	24.44	24.44	24.44	24.43	24.42	24.41	24.39	24.37	24.36	24.37	24.38	24.39	24.40	24.41	24.43	24.42	24.46	24.36
20	24.44	24.45	24.45	24.46	24.46	24.48	24.49	24.48	24.49	24.49	24.49	24.46	24.46	24.46	24.47	24.46	24.46	24.46	24.45	24.47	24.49	24.52	24.52	24.53	24.47	24.53	24.44
21	24.54	24.54	24.55	24.55	24.55	24.56	24.57	24.58	24.57	24.57	24.56	24.56	24.55	24.54	24.53	24.52	24.51	24.50	24.50	24.48	24.50	24.52	24.51	24.51	24.54	24.58	24.48
22	24.49	24.48	24.48	24.47	24.47	24.47	24.47	24.46	24.45	24.44	24.44	24.42	24.40	24.37	24.36	24.36	24.33	24.33	24.35	24.37	24.41	24.44	24.46	24.47	24.42	24.49	24.33
23	24.47	24.48	24.48	24.47	24.46	24.46	24.46	24.48	24.48	24.49	24.50	24.50	24.50	24.49	24.48	24.48	24.48	24.47	24.47	24.47	24.49	24.52	24.53	24.53	24.49	24.53	24.46
24	24.53	24.53	24.52	24.52	24.52	24.53	24.54	24.54	24.54	24.53	24.53	24.52	24.51	24.50	24.50	24.48	24.48	24.47	24.46	24.47	24.48	24.49	24.50	24.50	24.51	24.54	24.46
25	24.50	24.50	24.50	24.49	24.49	24.51	24.52	24.52	24.52	24.51	24.51	24.51	24.50	24.49	24.48	24.47	24.46	24.47	24.48	24.50	24.55	24.55	24.53	24.53	24.50	24.55	24.46
26	24.53	24.52	24.52	24.51	24.51	24.52	24.53	24.52	24.52	24.51	24.51	24.51	24.50	24.48	24.47	24.46	24.47	24.48	24.48	24.52	24.54	24.53	24.53	24.54	24.51	24.54	24.46
27	24.53	24.53	24.53	24.53	24.53	24.55	24.56	24.56	24.56	24.56	24.56	24.56	24.55	24.55	24.55	24.55	24.54	24.54	24.54	24.55	24.55	24.57	24.59	24.60	24.55	24.60	24.53
28	24.60	24.60	24.58	24.58	24.58	24.58	24.59	24.58	24.58	24.57	24.56	24.56	24.55	24.55	24.54	24.54	24.53	24.53	24.52	24.52	24.53	24.53	24.54	24.54	24.56	24.60	24.52
29	24.53	24.52	24.52	24.52	24.52	24.53	24.54	24.53	24.51	24.51	24.50	24.49	24.48	24.47	24.46	24.45	24.44	24.42	24.42	24.42	24.42	24.42	24.42	24.41	24.48	24.54	24.41
30	24.39	24.38	24.38	24.36	24.35	24.35	24.35	24.34	24.33	24.32	24.32	24.31	24.30	24.29	24.27	24.25	24.24	24.23	24.22	24.22	24.24	24.25	24.26	24.27	24.30	24.39	24.22
31	24.27	24.27	24.27	24.27	24.28	24.29	24.30	24.30	24.30	24.29	24.29	24.30	24.29	24.29	24.29	24.30	24.30	24.30	24.31	24.32	24.35	24.37	24.39	24.40	24.31	24.40	24.27
Avg	24.43	24.42	24.42	24.42	24.42	24.43	24.44	24.43	24.43	24.43	24.42	24.42	24.41	24.40	24.40	24.39	24.39	24.38	24.39	24.40	24.41	24.42	24.43	24.43	24.42	24.47	24.36
Max	24.60	24.60	24.58	24.58	24.58	24.58	24.59	24.59	24.58	24.58	24.58	24.57	24.57	24.56	24.56	24.55	24.54	24.54	24.54	24.55	24.56	24.58	24.59	24.60	24.56	24.60	24.53
Min	24.17	24.16	24.16	24.17	24.18	24.19	24.20	24.22	24.24	24.24	24.23	24.22	24.20	24.16	24.17	24.20	24.22	24.20	24.19	24.19	24.18	24.16	24.17	24.17	24.24	24.36	24.16

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
August 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	24.40	24.39	24.40	24.41	24.42	24.44	24.47	24.48	24.48	24.48	24.48	24.48	24.48	24.48	24.48	24.48	24.47	24.47	24.47	24.48	24.49	24.51	24.51	24.52	24.47	24.52	24.39
2	24.52	24.51	24.50	24.50	24.49	24.50	24.51	24.50	24.49	24.48	24.47	24.45	24.43	24.41	24.39	24.36	24.33	24.31	24.30	24.30	24.28	24.29	24.30	24.32	24.41	24.52	24.28
3	24.34	24.33	24.34	24.36	24.38	24.41	24.43	24.44	24.45	24.44	24.44	24.44	24.44	24.44	24.45	24.46	24.47	24.48	24.49	24.51	24.53	24.54	24.54	24.55	24.45	24.55	24.33
4	24.55	24.55	24.55	24.55	24.55	24.56	24.58	24.58	24.57	24.56	24.54	24.53	24.52	24.50	24.49	24.48	24.47	24.46	24.46	24.46	24.48	24.49	24.49	24.49	24.52	24.58	24.46
5	24.49	24.49	24.48	24.48	24.47	24.48	24.48	24.47	24.45	24.45	24.45	24.44	24.44	24.43	24.43	24.41	24.40	24.40	24.39	24.40	24.42	24.41	24.41	24.40	24.44	24.49	24.39
6	24.41	24.40	24.39	24.39	24.40	24.42	24.42	24.43	24.43	24.43	24.42	24.40	24.39	24.37	24.35	24.33	24.39	24.46	24.42	24.43	24.44	24.43	24.41	24.40	24.41	24.46	24.33
7	24.40	24.40	24.39	24.38	24.38	24.38	24.36	24.38	24.42	24.39	24.39	24.37	24.34	24.31	24.29	24.27	24.27	24.31	24.30	24.33	24.34	24.32	24.33	24.35	24.35	24.42	24.27
8	24.36	24.35	24.35	24.35	24.35	24.36	24.37	24.36	24.36	24.35	24.34	24.33	24.32	24.31	24.30	24.29	24.29	24.28	24.30	24.32	24.33	24.32	24.32	24.33	24.33	24.37	24.28
9	24.33	24.32	24.31	24.31	24.31	24.29	24.30	24.30	24.28	24.27	24.28	24.28	24.27	24.26	24.24	24.21	24.20	24.23	24.23	24.25	24.28	24.28	24.30	24.33	24.28	24.33	24.20
10	24.35	24.36	24.35	24.35	24.36	24.36	24.38	24.39	24.40	24.40	24.39	24.39	24.39	24.40	24.40	24.40	24.41	24.41	24.42	24.43	24.45	24.46	24.47	24.46	24.40	24.47	24.35
11	24.46	24.47	24.47	24.48	24.47	24.49	24.50	24.52	24.52	24.52	24.52	24.52	24.51	24.51	24.51	24.52	24.52	24.51	24.51	24.52	24.54	24.55	24.56	24.56	24.51	24.56	24.46
12	24.56	24.56	24.56	24.55	24.56	24.56	24.58	24.58	24.58	24.58	24.57	24.56	24.56	24.55	24.56	24.56	24.58	24.57	24.57	24.58	24.60	24.61	24.61	24.61	24.57	24.61	24.55
13	24.61	24.60	24.59	24.59	24.58	24.58	24.59	24.59	24.59	24.58	24.57	24.56	24.55	24.54	24.52	24.51	24.50	24.49	24.48	24.49	24.50	24.50	24.49	24.48	24.55	24.61	24.48
14	24.48	24.47	24.47	24.47	24.47	24.47	24.48	24.48	24.47	24.47	24.47	24.47	24.47	24.46	24.45	24.45	24.44	24.44	24.43	24.45	24.47	24.48	24.50	24.50	24.47	24.50	24.43
15	24.50	24.49	24.49	24.49	24.49	24.49	24.51	24.52	24.51	24.51	24.51	24.51	24.50	24.50	24.50	24.49	24.49	24.49	24.50	24.51	24.53	24.55	24.55	24.55	24.51	24.55	24.49
16	24.56	24.55	24.55	24.55	24.55	24.55	24.56	24.56	24.55	24.54	24.53	24.51	24.50	24.49	24.48	24.47	24.46	24.45	24.45	24.45	24.47	24.49	24.49	24.49	24.51	24.56	24.45
17	24.49	24.49	24.49	24.48	24.48	24.49	24.50	24.51	24.51	24.50	24.49	24.48	24.47	24.46	24.46	24.45	24.45	24.46	24.47	24.49	24.51	24.51	24.52	24.52	24.49	24.52	24.45
18	24.53	24.53	24.54	24.54	24.57	24.58	24.59	24.59	24.59	24.60	24.59	24.58	24.57	24.56	24.53	24.52	24.51	24.50	24.51	24.52	24.56	24.58	24.61	24.60	24.56	24.61	24.50
19	24.62	24.61	24.61	24.61	24.62	24.62	24.63	24.64	24.64	24.64	24.63	24.62	24.61	24.61	24.60	24.58	24.57	24.56	24.54	24.53	24.53	24.52	24.52	24.51	24.59	24.64	24.51
20	24.50	24.49	24.48	24.47	24.46	24.47	24.49	24.50	24.49	24.49	24.49	24.48	24.46	24.45	24.45	24.44	24.42	24.40	24.39	24.39	24.40	24.40	24.39	24.38	24.45	24.50	24.38
21	24.37	24.36	24.36	24.36	24.35	24.35	24.36	24.36	24.35	24.34	24.33	24.33	24.31	24.30	24.29	24.27	24.26	24.25	24.25	24.25	24.26	24.27	24.26	24.26	24.31	24.37	24.25
22	24.26	24.25	24.24	24.24	24.24	24.24	24.25	24.26	24.26	24.27	24.26	24.25	24.25	24.25	24.23	24.24	24.24	24.24	24.25	24.27	24.31	24.33	24.33	24.34	24.26	24.34	24.23
23	24.36	24.37	24.37	24.38	24.39	24.40	24.42	24.43	24.44	24.44	24.44	24.44	24.45	24.46	24.46	24.47	24.49	24.51	24.53	24.55	24.58	24.58	24.59	24.60	24.46	24.60	24.36
24	24.60	24.59	24.60	24.61	24.61	24.62	24.62	24.63	24.64	24.65	24.66	24.66	24.66	24.65	24.66	24.66	24.66	24.66	24.67	24.67	24.68	24.67	24.67	24.66	24.64	24.68	24.59
25	24.65	24.64	24.63	24.62	24.61	24.61	24.62	24.63	24.62	24.61	24.60	24.58	24.57	24.56	24.55	24.55	24.55	24.54	24.54	24.53	24.54	24.54	24.54	24.54	24.58	24.65	24.53
26	24.54	24.53	24.52	24.50	24.49	24.49	24.49	24.51	24.50	24.48	24.46	24.45	24.44	24.43	24.41	24.39	24.39	24.38	24.37	24.37	24.39	24.39	24.38	24.37	24.44	24.54	24.37
27	24.37	24.36	24.35	24.33	24.33	24.33	24.34	24.34	24.35	24.33	24.32	24.32	24.30	24.29	24.29	24.28	24.28	24.28	24.28	24.30	24.32	24.32	24.32	24.33	24.32	24.37	24.28
28	24.34	24.35	24.37	24.38	24.39	24.41	24.42	24.44	24.45	24.46	24.46	24.46	24.47	24.47	24.48	24.49	24.50	24.52	24.53	24.55	24.58	24.60	24.61	24.62	24.47	24.62	24.34
29	24.62	24.63	24.63	24.64	24.64	24.64	24.66	24.67	24.66	24.66	24.65	24.63	24.61	24.59	24.58	24.56	24.55	24.55	24.54	24.55	24.56	24.56	24.56	24.56	24.60	24.67	24.54
30	24.56	24.55	24.55	24.55	24.55	24.55	24.56	24.57	24.57	24.56	24.56	24.54	24.53	24.52	24.51	24.50	24.49	24.49	24.49	24.50	24.50	24.50	24.50	24.49	24.53	24.57	24.49
31	24.48	24.48	24.47	24.47	24.47	24.47	24.48	24.48	24.47	24.45	24.45	24.43	24.42	24.41	24.40	24.39	24.39	24.40	24.41	24.42	24.41	24.40	24.41	24.40	24.44	24.48	24.39
Avg	24.47	24.47	24.46	24.46	24.47	24.47	24.48	24.49	24.49	24.48	24.48	24.47	24.46	24.45	24.44	24.43	24.43	24.44	24.44	24.45	24.46	24.46	24.47	24.47	24.46	24.52	24.40
Max	24.65	24.64	24.63	24.64	24.64	24.64	24.66	24.67	24.66	24.66	24.66	24.66	24.66	24.65	24.66	24.66	24.66	24.66	24.67	24.67	24.68	24.67	24.67	24.66	24.64	24.68	24.59
Min	24.26	24.25	24.24	24.24	24.24	24.24	24.25	24.26	24.26	24.27	24.26	24.25	24.25	24.25	24.23	24.21	24.20	24.23	24.23	24.25	24.26	24.27	24.26	24.26	24.26	24.33	24.20

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Barometric Pressure (InHg)
September 2016

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

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (% RH)
July 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	72.9	77.4	87.2	85.3	85.6	83.8	78.5	60.7	49.8	45.2	37.1	29.0	31.1	29.5	23.5	20.0	21.5	25.9	24.6	34.9	44.7	55.7	59.7	67.3	51.3	87.2	20.0
2	78.2	83.8	85.6	86.9	89.5	84.4	79.2	66.0	40.7	32.1	27.8	25.1	23.7	20.2	21.9	21.1	25.8	31.5	29.3	29.5	36.9	38.5	66.2	82.3	50.3	89.5	20.2
3	90.0	92.0	91.2	91.6	94.4	92.8	82.9	67.9	45.8	38.3	33.0	34.0	31.6	30.4	26.3	24.3	21.8	21.6	21.6	25.5	30.9	32.8	47.8	56.8	51.1	94.4	21.6
4	65.6	68.9	72.4	73.4	77.8	79.8	75.8	58.9	37.5	36.8	32.1	29.0	26.0	22.9	20.8	20.1	19.3	21.9	25.0	26.4	27.7	30.6	29.0	28.8	41.9	79.8	19.3
5	42.9	55.2	64.9	71.1	78.4	70.1	59.1	45.6	40.2	36.1	31.7	31.2	30.3	29.3	27.6	25.6	23.9	26.3	29.0	35.8	38.2	49.5	59.2	68.5	44.6	78.4	23.9
6	68.8	73.0	73.2	79.8	81.4	82.1	78.7	66.5	57.8	44.2	46.4	45.5	61.0	62.3	58.4	51.5	43.2	39.3	39.8	43.4	59.5	69.5	81.1	83.7	62.1	83.7	39.3
7	86.9	89.4	88.8	90.9	91.5	85.9	79.3	65.1	54.8	48.4	42.7	36.9	32.7	29.4	27.7	27.0	25.1	23.7	36.1	36.6	41.5	44.8	50.1	51.2	53.6	91.5	23.7
8	58.9	64.1	71.6	71.1	73.8	72.5	62.3	45.9	30.7	29.0	24.0	21.7	19.5	19.3	20.0	23.8	33.5	43.2	74.3	81.5	86.9	86.6	86.9	91.3	53.9	91.3	19.3
9	91.3	91.2	92.4	93.5	95.4	91.4	83.0	69.0	53.2	46.3	42.9	36.8	34.1	33.2	34.6	68.0	84.6	73.2	81.7	86.2	87.5	85.2	88.8	89.9	72.2	95.4	33.2
10	89.9	91.3	89.9	91.6	95.1	94.7	91.8	87.6	82.6	78.7	75.0	71.3	70.8	67.5	80.1	89.5	89.8	86.6	82.3	88.5	91.4	93.6	91.9	88.1	85.8	95.1	67.5
11	89.3	90.3	90.8	92.0	91.7	91.9	92.1	91.8	91.6	91.3	91.2	90.5	87.5	82.6	78.2	71.0	62.4	59.9	58.3	58.3	65.8	68.5	72.0	84.0	81.0	92.1	58.3
12	89.4	91.5	92.0	92.9	93.1	89.8	82.1	68.4	60.2	56.6	52.8	47.6	43.7	40.0	36.7	33.9	34.2	32.3	31.7	36.7	59.1	66.5	70.2	75.5	61.5	93.1	31.7
13	72.4	80.8	85.9	86.8	87.4	88.4	83.4	68.4	66.3	61.9	58.7	69.7	67.4	73.0	62.1	57.6	42.2	38.7	44.9	45.7	66.7	80.8	82.9	85.3	69.1	88.4	38.7
14	87.7	90.0	91.8	93.7	92.1	92.0	89.0	76.3	53.5	43.8	40.9	36.3	35.2	35.7	36.1	34.2	32.2	30.9	32.5	41.4	55.3	68.2	75.5	82.2	60.3	93.7	30.9
15	85.0	81.6	69.7	73.5	78.2	77.8	65.7	53.0	47.3	43.5	39.9	37.9	36.8	34.4	34.3	37.2	61.2	47.8	68.6	67.1	74.3	79.9	74.4	73.7	60.1	85.0	34.3
16	75.2	84.9	86.1	89.0	88.1	89.0	87.6	76.5	72.6	64.6	49.7	49.0	44.8	41.8	39.5	39.5	34.9	34.1	36.3	45.1	58.3	73.7	81.1	85.8	63.6	89.0	34.1
17	88.3	91.2	91.1	92.8	93.5	90.0	82.0	67.1	60.9	58.3	51.8	47.6	45.7	39.4	36.7	30.8	34.5	50.3	56.1	81.5	81.7	81.5	83.2	84.6	67.5	93.5	30.8
18	78.9	86.2	83.1	79.0	75.7	73.8	72.7	70.2	66.3	61.1	51.7	44.3	40.1	38.9	36.7	36.6	39.0	41.8	39.6	42.8	59.9	65.3	71.7	69.0	59.4	86.2	36.6
19	77.6	83.4	81.6	81.9	85.8	85.0	78.6	59.3	45.8	37.3	29.7	23.7	18.2	14.9	12.9	13.1	16.7	19.7	32.5	45.1	48.6	55.6	70.8	76.2	49.8	85.8	12.9
20	82.7	86.0	89.4	92.5	94.3	91.2	84.8	66.4	54.8	50.9	39.4	22.8	21.8	20.0	23.9	23.4	24.4	24.4	26.2	32.1	45.9	61.2	64.4	61.4	53.5	94.3	20.0
21	71.6	75.6	79.7	83.1	86.2	86.0	70.4	55.1	40.1	30.8	30.9	24.7	20.8	20.6	21.1	20.5	19.8	19.9	24.6	33.5	41.5	43.4	55.1	63.7	46.6	86.2	19.8
22	50.5	43.4	48.7	59.8	66.1	74.6	65.4	48.3	34.8	31.1	28.0	22.8	23.7	18.3	19.3	25.0	16.9	20.3	24.5	25.5	27.0	31.0	38.6	47.1	37.1	74.6	16.9
23	50.7	52.4	49.3	53.9	56.6	57.9	54.3	51.7	48.9	48.2	44.9	42.0	38.6	37.8	34.6	32.4	32.0	30.1	31.3	37.2	49.3	61.3	68.4	73.5	47.4	73.5	30.1
24	77.1	84.3	87.6	88.3	90.6	87.3	79.2	62.4	45.8	38.9	31.1	26.5	24.3	21.9	22.2	21.6	22.0	21.0	22.5	30.4	49.7	54.8	58.1	67.9	50.6	90.6	21.0
25	74.4	79.8	81.7	81.8	84.5	80.3	64.8	56.1	36.9	31.9	29.2	25.4	24.1	22.7	22.3	24.0	32.1	33.6	36.0	64.0	73.8	76.9	75.4	83.2	54.0	84.5	22.3
26	87.8	89.4	92.0	91.7	93.5	92.0	83.5	68.4	50.6	37.3	27.9	28.4	25.5	22.7	29.4	24.2	22.0	28.5	34.3	50.3	53.3	63.9	67.8	77.0	55.9	93.5	22.0
27	84.0	87.0	90.0	90.9	92.2	89.0	81.6	62.1	44.5	40.3	38.9	34.1	31.5	29.0	24.9	27.4	32.9	36.0	39.2	49.3	60.0	66.8	72.2	82.8	57.8	92.2	24.9
28	81.7	79.4	84.4	89.7	92.6	91.1	81.7	66.5	47.8	39.7	38.4	36.1	32.0	32.0	30.4	36.9	39.5	39.5	40.1	50.7	67.0	75.5	76.9	78.2	59.5	92.6	30.4
29	83.5	86.1	88.1	90.9	92.9	90.1	79.4	65.1	51.1	46.1	38.6	33.2	29.3	24.9	24.7	22.9	22.0	21.4	35.2	41.6	52.7	56.7	56.7	55.2	53.7	92.9	21.4
30	54.9	55.5	64.2	74.6	81.8	84.0	72.2	55.7	41.6	33.8	31.1	28.8	18.7	17.4	17.6	17.3	16.3	14.9	16.9	23.4	39.0	44.8	52.1	59.8	42.3	84.0	14.9
31	63.7	71.3	74.2	80.9	80.8	78.7	67.1	49.2	29.5	25.3	24.4	21.7	20.3	17.7	15.3	13.2	11.7	12.6	14.1	19.1	26.5	38.0	43.3	53.1	39.7	80.9	11.7
Avg	75.9	79.2	81.2	83.7	85.8	84.4	77.0	63.6	51.1	45.4	40.7	37.2	35.2	33.2	32.3	32.7	33.5	33.9	38.4	45.5	54.9	61.3	66.8	71.8	56.0	88.2	27.5
Max	91.3	92.0	92.4	93.7	95.4	94.7	92.1	91.8	91.6	91.3	91.2	90.5	87.5	82.6	80.1	89.5	89.8	86.6	82.3	88.5	91.4	93.6	91.9	91.3	85.8	95.4	67.5
Min	42.9	43.4	48.7	53.9	56.6	57.9	54.3	45.6	29.5	25.3	24.0	21.7	18.2	14.9	12.9	13.1	11.7	12.6	14.1	19.1	26.5	30.6	29.0	28.8	37.1	73.5	11.7

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (% RH)
August 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	57.3	64.0	68.1	70.1	72.7	71.6	63.6	43.2	30.0	23.7	18.2	15.1	13.6	13.0	12.8	11.8	11.6	11.6	13.9	22.9	35.1	42.4	50.3	45.2	36.7	72.7	11.6
2	41.4	46.3	60.0	69.2	72.7	79.0	74.9	63.1	40.7	31.8	26.3	20.3	11.0	10.1	10.7	9.1	8.7	9.7	11.0	15.2	21.4	23.8	26.7	31.0	33.9	79.0	8.7
3	37.4	44.7	51.6	54.7	55.0	43.0	37.7	35.4	31.9	30.5	29.9	30.1	29.5	27.1	27.5	30.5	31.2	32.4	35.5	41.0	50.8	57.0	58.2	63.8	40.3	63.8	27.1
4	73.1	78.8	86.1	86.6	89.1	89.4	74.6	62.1	48.3	42.7	37.8	33.6	28.8	25.8	22.7	18.3	17.7	18.5	21.8	30.9	41.3	45.2	49.8	45.4	48.7	89.4	17.7
5	44.8	46.9	49.4	58.5	59.0	61.7	48.9	38.3	33.3	29.5	27.9	26.1	22.5	22.2	20.9	22.0	23.4	25.1	25.9	26.1	32.3	37.9	32.3	31.1	35.2	61.7	20.9
6	38.9	39.8	42.8	46.2	46.0	47.8	55.1	65.7	75.4	60.6	52.2	45.9	30.7	28.3	26.7	27.0	56.9	83.4	76.3	82.2	86.5	90.1	90.2	92.4	57.8	92.4	26.7
7	95.0	95.3	95.5	95.9	96.1	96.2	95.3	93.3	86.6	77.3	63.4	54.7	53.6	38.7	36.3	45.0	61.4	72.2	84.5	84.6	87.3	89.8	93.5	94.6	78.6	96.2	36.3
8	95.0	95.1	95.7	96.1	96.1	96.3	96.1	92.9	79.8	50.5	39.9	35.0	29.1	25.6	24.5	29.5	34.3	34.0	39.7	45.8	51.2	52.0	58.4	71.0	61.0	96.3	24.5
9	74.4	75.8	78.8	81.7	84.0	82.4	64.6	47.6	44.6	40.7	39.8	36.2	32.5	31.0	27.8	28.6	39.2	57.8	67.9	72.9	71.7	78.6	80.4	82.9	59.2	84.0	27.8
10	78.5	78.3	74.4	81.6	87.9	90.1	81.2	67.0	58.8	49.8	42.3	40.5	38.0	36.8	35.7	34.8	38.8	40.9	46.3	55.0	61.6	72.3	79.2	84.9	60.6	90.1	34.8
11	87.8	89.5	90.8	91.7	93.1	92.8	86.6	74.4	60.4	53.3	48.8	41.4	38.5	36.7	39.9	43.2	36.4	36.8	38.8	50.8	65.3	71.6	74.6	80.0	63.5	93.1	36.4
12	86.4	86.9	89.2	89.3	90.4	89.6	77.3	64.2	50.4	48.1	44.3	39.8	38.6	34.0	40.9	42.4	71.0	63.0	71.1	72.8	79.1	79.6	83.8	86.3	67.4	90.4	34.0
13	87.6	90.0	90.7	89.9	92.3	94.4	86.3	71.0	57.4	38.6	35.1	31.7	28.0	27.1	25.0	26.5	24.9	23.7	32.2	46.9	55.2	59.8	68.0	73.8	56.5	94.4	23.7
14	75.6	80.2	79.4	82.7	84.9	88.2	81.2	62.2	45.4	35.7	32.9	29.2	27.5	26.5	24.0	22.0	22.8	22.8	30.7	37.1	48.9	54.2	63.7	67.9	51.1	88.2	22.0
15	74.7	80.2	82.4	85.8	87.3	89.7	77.7	60.3	41.5	30.8	29.1	26.7	24.0	20.3	22.0	21.0	16.1	17.7	23.7	31.1	41.1	52.9	64.1	71.3	48.8	89.7	16.1
16	78.7	80.7	84.2	86.1	88.1	89.4	81.0	62.3	41.3	27.6	22.4	20.3	15.9	14.7	13.7	13.1	13.6	14.4	17.2	29.6	36.8	48.7	55.9	59.3	45.6	89.4	13.1
17	67.5	70.9	73.6	77.4	81.5	81.6	77.4	62.9	45.5	30.7	23.9	19.4	18.3	16.8	17.4	18.3	27.9	30.8	33.7	39.1	46.0	52.6	64.7	69.3	47.8	81.6	16.8
18	74.6	72.2	80.3	81.7	80.6	76.1	74.3	68.9	70.0	64.3	64.4	61.2	58.8	58.1	53.8	53.5	55.4	57.9	69.8	79.0	85.5	85.2	85.0	83.2	70.6	85.5	53.5
19	83.6	84.8	85.4	85.0	84.7	85.4	82.7	75.6	69.7	61.7	52.9	47.1	47.4	50.2	49.8	46.4	41.9	41.5	40.5	63.1	77.3	81.6	86.4	88.3	67.2	88.3	40.5
20	88.5	89.0	93.3	92.9	94.0	93.9	87.1	74.7	59.0	41.4	33.9	27.8	26.8	23.9	22.2	23.2	23.1	20.9	25.4	47.0	57.2	60.0	67.5	75.1	56.2	94.0	20.9
21	79.2	86.6	86.6	87.7	88.3	87.8	84.3	69.5	48.1	29.8	26.4	22.8	16.8	13.0	11.9	12.9	12.7	13.0	15.7	28.0	43.6	54.2	62.4	68.8	47.9	88.3	11.9
22	72.0	75.1	76.4	78.7	78.7	81.7	77.4	59.1	37.8	21.8	18.1	20.4	21.1	18.6	16.4	14.5	12.7	12.3	13.8	20.0	25.4	22.7	20.4	21.5	38.2	81.7	12.3
23	22.8	26.4	35.1	44.1	52.1	55.8	66.3	53.6	40.9	38.3	35.7	32.5	30.4	30.1	30.7	32.3	36.7	45.3	51.0	58.9	61.9	64.5	74.1	72.7	45.5	74.1	22.8
24	73.7	72.3	73.3	74.1	74.3	75.4	80.7	77.0	73.1	73.8	78.4	83.4	68.4	59.0	57.1	53.9	54.1	54.1	56.6	66.0	78.0	84.6	86.1	87.7	71.5	87.7	53.9
25	88.2	88.2	90.6	92.1	93.1	92.6	89.9	81.2	64.2	46.8	38.7	40.6	40.6	42.1	45.7	46.8	48.9	47.3	52.9	65.1	75.3	76.2	76.2	80.4	66.8	93.1	38.7
26	85.5	84.5	85.4	87.4	90.6	92.4	91.7	78.2	59.7	47.2	38.8	40.3	31.7	31.9	31.6	33.2	32.4	31.5	33.8	50.5	63.0	73.6	78.7	82.5	60.7	92.4	31.5
27	84.6	84.8	85.0	88.8	90.3	91.5	90.0	84.2	57.9	35.9	30.5	29.0	24.9	23.9	23.7	22.7	22.2	25.7	30.4	39.9	45.2	51.6	54.2	59.8	53.2	91.5	22.2
28	64.3	68.2	71.5	73.1	75.7	77.5	74.8	58.2	38.8	35.2	32.3	31.4	29.6	26.6	24.5	23.8	22.1	25.0	24.8	40.7	51.9	61.2	72.3	75.5	49.1	77.5	22.1
29	80.6	84.9	86.6	88.7	90.1	90.3	87.3	71.7	46.2	34.6	27.1	22.3	20.7	19.6	18.0	16.5	18.5	23.6	27.2	33.0	35.9	38.6	44.4	41.3	47.8	90.3	16.5
30	44.3	53.1	64.7	73.2	78.6	82.6	82.5	77.8	59.6	38.3	24.3	16.0	11.9	10.1	10.2	10.1	11.0	13.9	29.2	37.9	42.9	43.5	45.9	38.9	41.7	82.6	10.1
31	43.7	48.8	51.8	55.8	64.3	72.4	72.8	56.2	36.5	19.4	13.4	11.5	10.6	9.2	10.4	10.8	15.0	15.4	18.7	24.7	30.8	40.4	43.7	51.1	34.5	72.8	9.2
Avg	70.3	73.0	76.1	78.9	81.0	81.9	77.5	66.2	52.7	41.6	36.4	33.3	29.7	27.5	26.9	27.2	30.4	33.0	37.4	46.4	54.4	59.6	64.2	67.0	53.0	85.6	24.7
Max	95.0	95.3	95.7	96.1	96.1	96.3	96.1	93.3	86.6	77.3	78.4	83.4	68.4	59.0	57.1	53.9	71.0	83.4	84.5	84.6	87.3	90.1	93.5	94.6	78.6	96.3	53.9
Min	22.8	26.4	35.1	44.1	46.0	43.0	37.7	35.4	30.0	19.4	13.4	11.5	10.6	9.2	10.2	9.1	8.7	9.7	11.0	15.2	21.4	22.7	20.4	21.5	33.9	61.7	8.7

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Relative Humidity (% RH)
September 2016

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	42.9	48.2	49.2	44.5	48.8	57.4	50.7	47.7	38.1	28.3	22.8	21.6	18.7	16.6	14.4	19.2	27.4	29.8	37.5	47.3	53.2	56.4	54.2	51.1	38.6	57.4	14.4
2	59.8	68.2	65.6	75.0	81.7	82.4	82.2	73.0	54.4	36.8	33.7	29.4	26.4	28.5	39.0	46.3	47.0	48.5	47.7	53.1	57.9	62.0	67.1	71.1	55.7	82.4	26.4
3	74.9	76.1	81.9	83.9	84.4	82.3	86.2	77.1	59.2	47.1	40.3	33.9	33.5	32.6	32.7	33.5	34.1	38.9	46.6	54.5	46.0	58.4	79.8	82.9	58.4	86.2	32.6
4	80.6	86.6	88.7	89.8	89.7	88.9	90.3	89.0	88.0	84.7	86.1	85.2	86.0	89.2	89.9	91.2	91.3	91.0	91.9	91.7	92.2	92.9	92.6	92.5	89.2	92.9	80.6
5	92.6	92.7	93.0	93.5	93.5	93.9	93.4	90.8	87.5	86.3	84.0	86.0	85.0	81.8	78.2	77.3	84.9	82.3	81.0	87.0	91.4	93.7	93.9	94.7	88.3	94.7	77.3
6	95.2	95.0	94.6	93.8	93.6	93.4	93.7	94.9	90.3	66.8	58.0	51.9	45.5	39.2	35.3	36.2	37.2	43.4	57.6	60.4	66.6	73.7	85.6	89.9	70.5	95.2	35.3
7	93.0	90.6	87.8	85.0	86.7	89.0	91.4	82.7	75.2	67.6	61.7	56.9	49.0	47.6	44.2	41.1	42.3	40.6	47.5	64.3	78.5	82.9	86.5	88.5	70.0	93.0	40.6
8	86.8	76.2	70.0	74.9	71.9	65.9	65.1	52.9	75.1	63.5	50.3	41.7	35.2	33.9	35.7	36.8	36.6	37.6	40.5	46.7	49.9	62.5	64.0	74.2	56.2	86.8	33.9
9	80.8	74.7	76.5	80.4	82.6	86.1	89.8	90.1	86.0	78.5	68.1	60.5	54.2	47.8	46.1	37.6	37.6	34.6	40.6	60.0	72.4	80.8	85.9	88.1	68.3	90.1	34.6
10	89.6	89.7	90.1	89.7	89.1	89.1	89.7	83.9	67.3	27.1	27.5	28.3	28.5	27.5	25.6	24.9	23.5	22.8	23.1	29.2	37.4	45.8	57.4	65.4	53.0	90.1	22.8
11	72.9	76.2	81.9	84.4	85.7	85.1	83.8	70.5	60.2	31.5	39.6	46.0	47.0	48.3	49.5	53.3	67.1	76.6	84.3	81.3	80.6	82.0	88.2	80.9	69.0	88.2	31.5
12	79.4	83.0	76.1	76.1	73.5	71.7	73.7	71.9	69.0	64.9	62.7	55.4	54.6	56.3	61.7	64.0	62.3	62.6	65.8	69.0	68.9	67.9	70.7	76.0	68.2	83.0	54.6
13	80.9	84.8	87.1	87.9	90.4	90.0	86.9	82.0	79.0	74.8	73.8	70.9	69.8	66.1	64.4	63.4	65.2	69.3	78.5	83.5	86.6	87.0	88.1	91.3	79.2	91.3	63.4
14	92.2	92.2	92.4	93.5	93.4	92.7	93.2	90.4	78.3	61.5	56.8	47.4	46.9	48.1	43.4	49.8	49.8	49.6	53.4	58.0	69.7	76.9	81.1	82.9	70.6	93.5	43.4
15	86.2	84.7	85.4	87.3	89.8	91.6	91.4	88.2	83.1	68.8	52.1	40.2	29.0	27.9	27.1	28.1	30.6	33.5	43.5	63.2	73.8	75.8	77.3	83.3	64.2	91.6	27.1
16	87.5	86.8	86.6	89.2	91.7	91.7	89.9	80.8	67.2	46.8	42.2	39.0	36.3	31.5	29.3	25.6	22.5	24.6	36.3	52.7	61.5	65.0	75.7	83.3	60.2	91.7	22.5
17	87.0	87.8	89.2	89.7	89.7	89.9	86.2	85.7	77.3	49.8	34.3	32.0	31.4	34.2	47.4	42.2	35.2	35.4	35.6	36.2	41.7	45.6	52.8	59.2	58.1	89.9	31.4
18	61.4	62.0	62.0	61.2	63.6	63.9	64.9	61.5	53.7	45.2	41.5	40.6	39.2	39.7	40.6	41.0	40.4	42.6	46.9	49.3	50.9	56.1	62.3	70.7	52.6	70.7	39.2
19	73.6	70.2	72.9	79.6	85.1	88.7	87.5	76.8	67.5	50.1	47.5	47.0	40.0	35.6	33.5	33.5	31.8	35.3	41.1	48.3	50.2	59.8	64.6	71.3	58.0	88.7	31.8
20	70.7	73.8	75.8	79.1	82.5	84.8	86.8	81.6	69.1	55.6	46.8	44.6	49.0	45.6	41.7	42.9	53.2	62.0	77.6	78.1	88.4	86.6	84.8	85.6	68.6	88.4	41.7
21	83.1	84.8	85.5	88.9	84.2	83.7	83.0	85.3	84.4	82.3	83.4	82.5	80.0	78.9	79.1	80.1	82.6	84.1	84.9	83.7	86.6	88.3	89.9	91.9	84.2	91.9	78.9
22	93.1	92.8	93.3	92.5	93.0	93.6	93.8	92.8	88.4	86.5	84.6	77.3	78.3	81.4	86.1	85.9	86.2	81.3	80.7	81.2	82.3	83.4	83.4	85.4	86.6	93.8	77.3
23	88.8	90.9	89.4	87.5	87.7	91.1	92.6	91.3	90.2	87.7	90.1	86.2	82.2	74.2	74.0	74.7	72.7	74.2	78.9	80.2	75.5	76.2	79.1	89.1	83.5	92.6	72.7
24	90.4	91.8	92.3	92.7	92.4	91.6	92.7	91.0	80.6	67.9	57.9	47.9	48.9	47.7	48.5	48.3	51.7	55.8	59.7	59.4	65.2	75.7	82.5	85.0	71.6	92.7	47.7
25	87.6	89.0	90.6	90.4	91.4	90.8	90.3	83.4	73.5	59.2	53.5	48.7	44.2	41.3	38.4	37.2	39.9	44.8	50.8	52.4	57.7	62.0	71.1	79.0	65.3	91.4	37.2
26	86.5	90.1	91.8	92.9	93.9	93.5	92.7	88.4	79.7	61.5	52.9	47.9	41.7	36.1	32.4	29.7	29.7	34.2	51.9	68.8	78.3	85.5	87.7	90.3	68.3	93.9	29.7
27	91.6	92.5	93.5	93.3	93.8	94.2	93.7	82.3	69.3	49.0	32.7	28.8	27.0	24.2	23.8	24.0	24.7	29.0	45.7	59.9	68.8	76.0	81.6	83.3	61.8	94.2	23.8
28	86.5	90.4	91.1	93.0	92.6	93.5	94.1	83.6	71.8	59.2	Au	Au	Au	Au	Au	43.2	47.8	55.8	66.1	70.1	74.3	83.6	88.9	89.0	77.6	94.1	43.2
29	92.7	93.2	93.2	94.4	94.8	95.3	95.0	91.3	79.9	51.8	39.0	36.4	35.4	31.8	31.8	30.0	30.1	39.3	59.2	71.6	76.4	79.8	82.8	87.5	67.2	95.3	30.0
30	89.0	90.5	91.9	93.3	93.8	94.2	92.1	86.4	70.5	51.9	38.1	34.3	33.0	29.6	28.2	29.5	29.5	42.7	56.3	62.0	71.6	81.1	82.3	86.2	64.9	94.2	28.2
Avg	82.6	83.5	84.0	85.2	86.2	86.7	86.6	81.6	73.8	59.8	53.9	49.9	47.4	45.6	45.6	45.7	47.2	50.1	57.0	63.4	68.5	73.4	78.1	81.7	67.5	89.3	41.8
Max	95.2	95.0	94.6	94.4	94.8	95.3	95.0	94.9	90.3	87.7	90.1	86.2	86.0	89.2	89.9	91.2	91.3	91.0	91.9	91.7	92.2	93.7	93.9	94.7	89.2	95.3	80.6
Min	42.9	48.2	49.2	44.5	48.8	57.4	50.7	47.7	38.1	27.1	22.8	21.6	18.7	16.6	14.4	19.2	22.5	22.8	23.1	29.2	37.4	45.6	52.8	51.1	38.6	57.4	14.4

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Precipitation (Inches)
July 2016

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.030	0.030
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.110	0.060
10	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.300	0.060	0.100	0.020	0.000	0.000	0.000	0.000	0.010	0.050	0.550	0.300
11	0.060	0.080	0.080	0.080	0.110	0.100	0.120	0.090	0.080	0.010	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.840	0.120
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080	0.040
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.010	0.010
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.060	0.000	0.000	0.000	0.000	0.070	0.060
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.030	0.030
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.020
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.060	0.090	0.080	0.080	0.110	0.100	0.120	0.090	0.080	0.010	0.020	0.010	0.040	0.040	0.320	0.100	0.160	0.020	0.050	0.090	0.000	0.000	0.010	0.060	1.740	0.000
Max	0.060	0.080	0.080	0.080	0.110	0.100	0.120	0.090	0.080	0.010	0.020	0.010	0.040	0.040	0.300	0.060	0.100	0.020	0.030	0.060	0.000	0.000	0.010	0.050	0.840	0.300

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Precipitation (Inches)
August 2016

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.150	0.100	0.010	0.000	0.000	0.000	0.000	0.000	0.260	0.150
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.200	0.040	0.010	0.020	0.000	0.000	0.000	0.270	0.200
8	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.370	0.100	0.100	0.010	0.590	0.370
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.160	0.300	0.050	0.020	0.390	0.100	0.100	0.010	1.150	0.000
Max	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.150	0.200	0.040	0.010	0.370	0.100	0.100	0.010	0.590	0.370

Tintina Resources, Inc.
Black Butte Copper Project Met Tower Air Monitoring Summary
Precipitation (Inches)
September 2016

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.010
4	0.010	0.050	0.090	0.120	0.070	0.040	0.040	0.000	0.000	0.010	0.030	0.160	0.230	0.080	0.030	0.110	0.050	0.040	0.030	0.030	0.010	0.010	0.000	0.020	1.260	0.230
5	0.020	0.000	0.000	0.000	0.000	0.010	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.060
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.080	0.090	0.080
7	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.020
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.040
9	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.060	0.000	0.000	0.000	0.000	0.000	0.070	0.060
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.040	0.030	0.000	0.000	0.000	0.090	0.040
21	0.010	0.030	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.180	0.070	0.160	0.530	0.180
22	0.100	0.140	0.030	0.050	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.340	0.140
23	0.010	0.000	0.000	0.000	0.000	0.020	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.030
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Au	Au	Au	Au	Au	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.170	0.230	0.120	0.170	0.090	0.090	0.070	0.060	0.040	0.010	0.030	0.160	0.230	0.080	0.040	0.110	0.060	0.070	0.090	0.070	0.110	0.190	0.090	0.260	2.640	0.000
Max	0.100	0.140	0.090	0.120	0.070	0.040	0.040	0.060	0.040	0.010	0.030	0.160	0.230	0.080	0.030	0.110	0.050	0.040	0.060	0.040	0.070	0.180	0.070	0.160	1.260	0.230

APPENDIX B: PERFORMANCE AUDIT REPORTS THIRD QUARTER 2016

BISON
ENGINEERING, INC.

Bison Engineering

Preliminary Meteorological Parameters Audit Form

Audit Dates: 09/28/2016 Audit Start Time : 10:10 MST Audit End Time : 14:50 MST
Client: Tintina Resources
Site: Black Butte
AUDITOR: Steve Heck STATION OPERATOR: Jeff Bell

Temperature

Audit Device: Control Company - digital thermometer Model 4000
Meter S/N: 130236679 Temperature Sensor: Climatronics 100093
Last certified: 7/20/2016 S/N P12535 (Upper), S/N P12535 (Lower) - Matched Set

Temperature bath results

Audit Value °C	9m DAS Value °C	9m DAS Diff. °C	2m DAS Value °C	2m DAS Diff. °C	9m - 2m DAS Diff. °C
0.12	0.21	0.09	0.28	0.16	-0.07
16.22	16.13	-0.09	16.20	-0.02	-0.07
37.90	38.09	0.19	38.10	0.20	-0.01

Wind Direction

Sensor height: 9 Meter
Sensor (Make/model number): Climatronics/ 102083
Serial Number : P1336C
Crossarm orientation (from solar sighting): 178.2 / 358.2
Location used for solar calculation
N 46 deg 46 min, W 110 deg 53 min
Calculated sun azimuth at 0958 MST
138.6 degrees
Sensor response aligned with crossarm (as found): 0.1
Sensor response aligned with crossarm (as left): 0.1

Linearity Audit Device: Climatronics 101966, SN 70

Threshold Torque: 0.05 oz.-in.
(Waters Model 366-1 torque watch)

Linearity Check from DAS

Setpoint	Clockwise	Counter-CW	Diff CW	Diff CCW
0	0.9	1.0	0.9	1.0
30	28.9	28.6	-1.1	-1.4
60	59.7	59.4	-0.3	-0.6
90	89.6	89.5	-0.4	-0.5
120	117.8	117.6	-2.2	-2.4
150	148.3	148.2	-1.7	-1.8
180	179.9	180.0	-0.1	0.0
210	207.5	207.5	-2.5	-2.5
240	239.4	239.5	-0.6	-0.5
270	270.4	270.5	0.4	0.5
300	299.1	298.6	-0.9	-1.4
330	329.2	328.8	-0.8	-1.2
		Max Diff	**-2.5**	**-2.5**

Wind Speed

Sensor height:: 9 Meter
Sensor (Make/model number): Climatronics/ 102083
Serial Number : P1336C
Calibration device: Weathertronics 300 rpm synchronous motor
Weathertronics 600 rpm synchronous motor

Synchronous motor checks

Known Value RPM	Known Value m/s	DAS Value m/s	DAS Diff. m/s
0	0.22	0.22	0.00
300	6.66	6.65	-0.01
600	13.09	13.08	-0.01

Threshold Torque: 0.004 oz.-in.
(Waters Model 366-3 torque watch)

Solar Radiation

Audit Device: Eppley Pyranometer, SN 16166F3 (certified by Eppley August 2016)

Time (MST)	CTS Value (W/m2)	Site Value (W/m2)	Diff. (%)	Diff. (% FS)
1358	622	613	-1.4	-0.7
1424	565	558	-1.2	-0.5
1455	510	515	1.0	0.4

Relative Humidity

Site Sensor: Met One 083E-0-35
Sensor Height: 2 meters
Reference Std: Assmann Psychrometer, thermometer calibrations checked June 2016

Ref Dry-Bulb:	19.8	deg C	BP = 24.54 in. Hg
Ref Wet-Bulb	12.2	deg C	
Ref RH:	43.8	%RH	
Station RH:	42.1	%RH	
Diff:	-1.7	%RH	

Barometric Pressure

Audit Device: Wallace & Tiernan Model FA185260, S/N LL03297.
Checked against Bison Mercury barometer (Butte) September 2016

Audit Value:	24.54	in Hg
Station Value:	24.55	in Hg
Diff:	0.01	in Hg

Precipitation

Rain Gauge = Met One Model 375
Level checked OK
Wind Screen in place
8" opening

559 ml water added
Calibration is 8.24 ml per tip
Known audit value is 559 / 8.24 = 67.8 tips (so 67 full tips expected)

Unit registered 68 tips
% difference from expected = 1.5%

Signature Site Operator :_____

Signature Auditor : Steven R Auch

APPENDIX C: EVAPORATION AND PRECIPITATION SUMMARY, THIRD QUARTER 2016

EVAPORATION AND PRECIPITATION SUMMARY FOR TINTINA SITE

(All values in inches)

DATE	TIME	EVAPORATION AS-FOUND	EVAPORATION AS-LEFT	PRECIPITATION (MANUAL)	PRECIPITATION (AUTOMATED)	TOTAL EVAPORATION	NET EVAPORATION
7/1/2016	0900		2.324				
7/5/2016	1130	1.052	3.500	0.00	0.00	1.272	1.272
7/6/2016	1300	3.372	3.372	0.01	0.00	0.138	0.128
7/12/2016	1030	4.200	3.500	1.57	1.53	0.742	-0.828
7/13/2016	1130	3.242	3.242	0.00	0.00	0.258	0.258
7/18/2016	1130	2.446	2.446	0.16	0.16	0.956	0.796
7/20/2016	0900	1.881	3.500	0.00	0.00	0.565	0.565
7/21/2016	0900	3.161	3.161	0.00	0.00	0.339	0.339
7/22/2016	0930	2.853	2.853	0.00	0.00	0.308	0.308
7/25/2016	0800	2.010	2.010	0.00	0.00	0.843	0.843
7/26/2016	1100	1.833	1.833	0.05	0.03	0.227	0.177
7/27/2016	0900	1.696	1.696	0.01	0.02	0.147	0.137
7/30/2016	0830	1.028	3.500	0.00	0.00	0.668	0.668
		TOTAL FOR JULY 1 - JULY 30		1.80	1.74	6.46	4.66

EVAPORATION AND PRECIPITATION SUMMARY FOR TINTINA SITE

(All values in inches)

DATE	TIME	EVAPORATION AS-FOUND	EVAPORATION AS-LEFT	PRECIPITATION (MANUAL)	PRECIPITATION (AUTOMATED)	TOTAL EVAPORATION	NET EVAPORATION
7/30/2016	0830		3.500				
8/2/2016	1130	2.812	2.812	0.00	0.00	0.688	0.688
8/5/2016	1300	1.782	1.782	0.00	0.00	1.030	1.030
8/8/2016	1030	1.779	1.779	0.55	0.54	0.553	0.003
8/9/2016	1130	1.422	3.500	0.00	0.00	0.357	0.357
8/10/2016	1130	3.191	3.191	0.01	0.00	0.319	0.309
8/16/2016	0900	1.864	1.864	0.00	0.01	1.327	1.327
8/19/2016	0900	1.372	3.500	0.00	0.59	0.492	0.492
8/22/2016	0930	3.300	3.300	0.60	0.00	0.800	0.200
8/23/2016	0800	2.933	2.933	0.00	0.00	0.367	0.367
8/24/2016	1100	2.740	2.740	0.00	0.00	0.193	0.193
8/30/2016	0900	1.732	3.500	0.00	0.01	1.008	1.008
		TOTAL FOR JULY 30 - AUGUST 30		1.16	1.15	7.13	5.97

EVAPORATION AND PRECIPITATION SUMMARY FOR TINTINA SITE

(All values in inches)

DATE	TIME	EVAPORATION AS-FOUND	EVAPORATION AS-LEFT	PRECIPITATION (MANUAL)	PRECIPITATION (AUTOMATED)	TOTAL EVAPORATION	NET EVAPORATION
8/30/2016	0900		3.500				
9/13/2016	1130	3.179	3.179	1.70	1.61	2.021	0.321
9/16/2016	1300	2.898	2.898	0.00	0.00	0.281	0.281
9/22/2016	1030	3.062	3.061	1.05	0.97	0.886	-0.164
9/26/2016	1130	2.725	2.725	0.07	0.06	0.406	0.336
		TOTAL FOR AUGUST 30 - SEPTEMBER 26		2.82	2.64	3.59	0.77