

# Hollinger Public Blast Report

**Blast Pattern:** 3352\_114  
**Date:** 28-Jan-18  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2000 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (snow)  
Wind Speed: 11 km/hr  
Wind Direction: N  
Temperature: -15.2 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

**1: Drone Airport**

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	50.8 LAeq	100.6 dB
Edwards:	44.1 LAeq	96.3 dB
Fred:	43.0 LAeq	101.7 dB
Hollinger Office:	53.3 LAeq	107.2 dB
Noah:	59.6 LAeq	100.1 dB
Sandy:	40.0 LAeq	104.8 dB
Water Tower:	44.7 LAeq	107.6 dB
Wilson:	55.8 LAeq	99.8 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded at 24hr.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	3.5	3.7	2.2	2.7
Edwards:	2.2	2.5	3.1	4.0
Hollinger Office:	5.0	6.6	6.5	7.6
Sandy:	3.4	4.0	5.0	5.5

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	0.8	1.6
Edwards:	0.6	1.2
Hollinger Office:	3.4	4.3
Sandy:	2.3	4.4

## Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.7
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.2	0.2	0.1
Imerys:	0.5	0.3	0.2
Noah:	0.4	0.4	0.7
Moneta Pumping Station:	0.3	0.4	0.4
Sandy:	0.3	0.2	0.4
Water Tower:	0.3	0.2	0.4
Wilson:	0.5	0.7	0.7