

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_063
Date: 29-Jan-17
Blast Time: 13:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1200 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudys
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: -14.2 °C

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

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.0 LAeq	103.0 dB
Edwards:	48.1 LAeq	96.0 dB
Fred:	44.0 LAeq	104.2 dB
Hollinger Office:	57.6 LAeq	104.3 dB
Noah:	62.8 LAeq	104.9 dB
Sandy:	48.2 LAeq	104.8 dB
Water Tower:	51.4 LAeq	111.4 dB
Wilson:	56.3 LAeq	103.5 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.1	4.0	0.1	0.9
Edwards:	1.2	1.5	2.4	3.6
Hollinger Office:	4.4	5.1	1.7	3.7
Hollinger Park:	1.8	2.2	1.6	3.1
Sandy:	7.3	16.0	8.7	27.8

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.8	1.5
Edwards:	0.5	1.0
Hollinger Office:	4.2	5.4
Hollinger Park:	3.5	4.7
Sandy:	10.6	30.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.3	0.1	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.5	0.2	0.3
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	0.6	0.6	0.6
Water Tower:	0.2	0.1	0.2
Wilson:	0.9	0.7	0.7