

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_126
Date: 22-Aug-16
Blast Time: 15:55
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1828 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 10 km/hr
Wind Direction: SW
Temperature: 22.7 °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:	56.0 LAeq	110.0 dB
Edwards:	63.9 LAeq	108.0 dB
Fred:	47.8 LAeq	104.1 dB
Hollinger Office:	60.2 LAeq	107.1 dB
Noah:	61.8 LAeq	108.7 dB
Sandy:	60.8 LAeq	108.0 dB
Water Tower:	54.4 LAeq	118.2 dB
Wilson:	33.1 LAeq	93.1 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	7.3	2.5	5.7
Edwards:	11.3	27.0	16.7	36.5
Hollinger Office:	70.1	125.7	60.6	121.5
Hollinger Park:	7.7	9.8	13.3	18.9
Sandy:	5.4	6.4	4.8	6.2

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:	0.5	1.2
Edwards:	2.4	6.3
Hollinger Office:	9.3	14.9
Hollinger Park:	1.8	5.9
Sandy:	0.8	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.2
Moneta Pumping Station:	1.2	0.4	0.8
Sandy:	0.4	0.7	0.4
Water Tower:	0.4	0.1	0.3
Wilson:	0.5	0.5	0.4