

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_042/3376_090
Date: 22-Jan-16
Blast Time: 11:40
Blast Sign Activation: 9:00
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: 549 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: SE
Temperature: -13.5 °C

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

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

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

	L_{Aeq}	L_{peak} dB
Comfort Inn:	51.0 LAeq	104.4 dB
Edwards:	46.0 LAeq	97.6 dB
Fred:	38.9 LAeq	92.6 dB
Hollinger Office:	57.3 LAeq	108.1 dB
Noah:	58.9 LAeq	97.6 dB
Sandy:	52.4 LAeq	102.8 dB
Water Tower:	45.9 LAeq	104.8 dB
Wilson:	62.1 LAeq	110.9 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	5.7	4.4	5.2
Edwards:	2.7	3.1	4.9	5.8
Hollinger Office:	3.8	4.5	6.2	6.7
Hollinger Park:	3.7	4.4	5.4	8.5
Sandy:	2.6	3.0	3.8	4.5

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:	1.9	2.6
Edwards:	2.6	3.0
Hollinger Office:	6.0	8.3
Hollinger Park:	7.6	18.5
Sandy:	1.8	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	1.7	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.4	0.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.6	1.0