

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_138/3373_032
Date: 19-Jan-16
Blast Time: 13:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 427 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 8 km/hr
Wind Direction: NW
Temperature: -11.5 °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: Extencicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	53.7 LAeq	111.4 dB
Edwards:	51.9 LAeq	102.8 dB
Fred:	44.0 LAeq	110.3 dB
Hollinger Office:	57.0 LAeq	110.6 dB
Noah:	57.8 LAeq	109.0 dB
Sandy:	58.3 LAeq	106.4 dB
Water Tower:	48.1 LAeq	119.2 dB
Wilson:	55.6 LAeq	110.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	6.8	2.0	4.3
Edwards:	8.3	18.7	2.0	4.7
Hollinger Office:	2.9	3.4	5.5	7.1
Hollinger Park:	6.3	6.8	3.5	6.5
Sandy:	5.0	6.7	1.8	3.5

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:	2.0	2.5
Edwards:	2.7	3.2
Hollinger Office:	4.5	5.5
Hollinger Park:	5.6	7.9
Sandy:	3.1	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.3	0.2
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	1.9	0.2	0.7
Imerys:	0.3	0.5	0.5
Noah:	0.3	0.4	0.7
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.3	0.9	1.0
Water Tower:	0.5	0.6	0.7
Wilson:	0.6	0.6	0.6