

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_091
Date: 06-Jan-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 426 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: -1.4 °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:	51.6 LAeq	106.4 dB
Edwards:	62.3 LAeq	106.6 dB
Fred:	43.8 LAeq	108.0 dB
Hollinger Office:	68.7 LAeq	108.2 dB
Noah:	59.2 LAeq	105.3 dB
Sandy:	51.1 LAeq	106.1 dB
Water Tower:	46.0 LAeq	112.2 dB
Wilson:	50.5 LAeq	105.9 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.2	19.8	15.6	17.4
Edwards:	11.0	11.9	26.5	29.7
Hollinger Office:	18.8	21.6	28.8	34.5
Hollinger Park:	10.3	11.2	23.5	26.3
Sandy:	11.7	12.6	18.5	20.4

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.2	3.2
Edwards:	6.8	8.5
Hollinger Office:	4.0	4.9
Hollinger Park:	3.3	4.1
Sandy:	7.3	27.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	1.7	0.1	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	2.1	4.0	2.6
Sandy:	0.8	0.5	0.7
Water Tower:	0.3	0.2	0.2
Wilson:	0.8	0.9	0.8