

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_Outcrop
Date: 28-Jan-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 7 km/hr
Wind Direction: NE
Temperature: -2.2 °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:	48.8 LAeq	91.3 dB
Edwards:	42.8 LAeq	86.6 dB
Fred:	36.6 LAeq	82.5 dB
Hollinger Office:	58.7 LAeq	99.1 dB
Noah:	62.2 LAeq	108.7 dB
Sandy:	53.0 LAeq	109.0 dB
Water Tower:	45.8 LAeq	98.8 dB
Wilson:	50.1 LAeq	96.0 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:	9.3	17.7	5.8	14.5
Edwards:	3.8	6.3	7.7	15.8
Hollinger Office:	6.2	7.0	6.5	7.6
Hollinger Park:	2.0	2.6	7.4	11.9
Sandy:	5.1	9.6	5.9	14.7

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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:	4.7	6.8
Edwards:	8.9	13.0
Hollinger Office:	12.3	16.4
Hollinger Park:	8.5	11.9
Sandy:	26.6	84.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.2	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	1.7	0.1	0.0
Imerys:	0.1	0.1	0.1
Noah:	1.0	1.5	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.3	0.2
Water Tower:	0.1	0.1	0.0
Wilson:	0.1	0.2	0.2