

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_017
Date: 16-Dec-15
Blast Time: 13:36
Blast Sign Activation: 12:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 388 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 11 km/hr
Wind Direction: SE
Temperature: -6.5 °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:	56.3 LAeq	109.3 dB
Edwards:	52.3 LAeq	113.5 dB
Fred:	49.4 LAeq	110.5 dB
Hollinger Office:	70.4 LAeq	112.7 dB
Noah:	60.6 LAeq	112.6 dB
Sandy:	57.5 LAeq	108.8 dB
Water Tower:	50.5 LAeq	107.3 dB
Wilson:	57.6 LAeq	116.1 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:	4.7	6.4	4.5	7.4
Edwards:	6.0	10.0	5.6	6.6
Hollinger Office:	6.9	8.9	8.6	12.7
Hollinger Park:	5.3	6.0	8.3	12.1
Sandy:	4.2	5.7	2.6	4.9

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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:	1.6	2.5
Edwards:	3.5	5.3
Hollinger Office:	21.5	41.2
Hollinger Park:	3.7	7.8
Sandy:	0.4	0.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	0.6
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.5	0.3	0.3
Hollinger West:	1.9	0.1	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.8	0.5	0.5
Sandy:	2.2	2.0	1.4
Water Tower:	0.2	0.2	0.2
Wilson:	0.6	0.3	0.5