

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_058E/3376_108/075
Date: 7-Dec-15
Blast Time: 11:34
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: unlimited m
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 1.2 km/hr
Wind Direction: NW
Temperature: -1.4 °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:	55.7 LAeq	100.8 dB
Edwards:	61.2 LAeq	97.3 dB
Fred:	43.1 LAeq	90.0 dB
Hollinger Office:	58.6 LAeq	107.6 dB
Noah:	61.1 LAeq	104.0 dB
Sandy:	53.2 LAeq	107.3 dB
Water Tower:	47.1 LAeq	110.1 dB
Wilson:	48.2 LAeq	101.3 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:	4.0	4.2	4.0	4.6
Edwards:	2.1	2.3	5.7	6.6
Hollinger Office:	1.5	1.9	5.7	6.0
Hollinger Park:	2.0	2.3	6.0	9.1
Sandy:	1.7	2.3	5.3	9.3

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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:	0.7	1.2
Edwards:	2.0	3.6
Hollinger Office:	4.0	5.1
Hollinger Park:	2.5	5.5
Sandy:	10.7	15.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.5
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	1.8	0.2	0.3
Imerys:	0.2	0.3	0.3
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	1.2	0.6	1.0
Sandy:	6.9	4.5	3.9
Water Tower:	0.4	0.2	0.5
Wilson:	1.2	0.9	1.0