

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_117/3364_050/Knob
Date: 25-Apr-15
Blast Time: 15:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1350 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 4 km/hr
Wind Direction: NW
Temperature: 14.9 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	56.5 LAeq	115.2 dB
Edwards:	53.2 LAeq	114.9 dB
Fred:	48.3 LAeq	106.6 dB
Hollinger Office:	60.2 LAeq	114.4 dB
Noah:	62.3 LAeq	109.8 dB
Sandy:	51.2 LAeq	113.4 dB
Water Tower:	63.5 LAeq	117.0 dB
Wilson:	49.0 LAeq	109.0 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:	2.6	4.0	2.5	5.6
Edwards:	1.4	4.0	4.1	11.6
Hollinger Office:	2.1	4.6	8.4	11.1
Hollinger Park:	4.4	6.7	5.1	12.9
Sandy:	3.7	6.7	4.8	6.7

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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:	3.4	8.2
Edwards:	3.7	13.6
Hollinger Office:	2.9	3.9
Hollinger Park:	3.6	6.5
Sandy:	6.9	21.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.7	0.4	0.6
Hollinger West:	1.2	0.7	1.5
Imerys:	3.3	2.9	6.1
Noah:	2.8	2.4	3.0
Moneta Pumping Station:	1.0	0.3	0.7
Sandy:	2.0	0.8	1.6
Water Tower:	7.5	6.5	7.6
Wilson:	1.9	1.0	1.1