

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_119
Date: 27-Jan-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: Unlimited m
Boundary Layer Height: n/a m
Cloud Cover: 50% Cloudy
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: -7.9 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	61.7 LAeq	104.5 dB
Edwards:	46.4 LAeq	104.5 dB
Fred:	44.4 LAeq	109.1 dB
Hollinger Office:	60.4 LAeq	108.1 dB
Noah:	57.5 LAeq	107.9 dB
Sandy:	52.4 LAeq	107.0 dB
Water Tower:	46.8 LAeq	108.0 dB
Wilson:	54.2 LAeq	104.1 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:	5.3	7.6	5.4	6.2
Edwards:	2.0	2.5	6.3	10.3
Hollinger Office:	1.9	2.4	4.8	5.5
Hollinger Park:	1.7	2.0	3.5	5.0
Sandy:	1.8	3.4	4.8	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:	1.0	2.4
Edwards:	3.0	7.4
Hollinger Office:	2.3	4.0
Hollinger Park:	3.0	4.5
Sandy:	1.7	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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