

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_088
Date: 1-Feb-16
Blast Time: 11:37
Blast Sign Activation: 8:15
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 701 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 8.9 km/hr
Wind Direction: SE
Temperature: -13.6 °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:	50.9 LAeq	101.7 dB
Edwards:	51.5 LAeq	92.7 dB
Fred:	40.5 LAeq	101.2 dB
Hollinger Office:	57.0 LAeq	98.8 dB
Noah:	61.7 LAeq	100.4 dB
Sandy:	50.5 LAeq	105.7 dB
Water Tower:	44.9 LAeq	102.2 dB
Wilson:	56.8 LAeq	104.7 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:	5.9	6.5	4.7	5.8
Edwards:	3.1	3.7	7.4	8.6
Hollinger Office:	4.5	5.1	6.4	9.6
Hollinger Park:	4.9	6.0	5.3	6.8
Sandy:	4.3	5.1	4.7	5.4

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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:	1.3	2.1
Edwards:	3.6	5.7
Hollinger Office:	5.1	6.5
Hollinger Park:	5.2	11.0
Sandy:	8.2	19.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.3
Edwards:	0.2	0.3	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.8	0.1	0.3
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.4	0.6	0.4
Sandy:	0.6	0.5	0.4
Water Tower:	0.1	0.3	0.2
Wilson:	0.4	0.3	0.5