

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_022
Date: 9-Dec-15
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 274 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 12.5 km/hr
Wind Direction: SE
Temperature: 2.9 °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:	56.6 LAeq	104.5 dB
Edwards:	52.0 LAeq	102.4 dB
Fred:	45.6 LAeq	104.6 dB
Hollinger Office:	65.8 LAeq	107.3 dB
Noah:	63.8 LAeq	105.6 dB
Sandy:	51.8 LAeq	101.0 dB
Water Tower:	54.9 LAeq	111.6 dB
Wilson:	54.0 LAeq	105.7 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:	16.5	18.5	13.5	15.3
Edwards:	6.2	7.3	20.6	25.6
Hollinger Office:	12.8	15.6	22.2	30.1
Hollinger Park:	7.9	9.3	20.0	25.1
Sandy:	20.7	26.1	18.0	24.3

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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:	4.6	7.7
Edwards:	2.3	3.4
Hollinger Office:	40.6	326.4
Hollinger Park:	1.9	2.2
Sandy:	3.4	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.5	0.7	0.6
Hollinger West:	1.7	0.0	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.9	0.7	0.8
Water Tower:	0.2	0.2	0.2
Wilson:	0.4	0.3	0.4