

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_001/002
Date: 26-Nov-15
Blast Time: 13:59
Blast Sign Activation: 11:45
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 122 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 12 km/hr
Wind Direction: N
Temperature: 0.6 °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:	58.3 LAeq	110.0 dB
Edwards:	55.7 LAeq	103.4 dB
Fred:	47.5 LAeq	96.7 dB
Hollinger Office:	67.2 LAeq	110.1 dB
Noah:	63.9 LAeq	104.4 dB
Sandy:	62.8 LAeq	107.1 dB
Water Tower:	51.6 LAeq	106.4 dB
Wilson:	54.2 LAeq	101.6 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:	2.8	3.1	2.7	3.8
Edwards:	2.3	2.7	4.6	6.6
Hollinger Office:	2.6	3.1	3.9	4.9
Hollinger Park:	3.0	3.3	4.0	4.7
Sandy:	1.3	1.7	1.4	2.6

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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:	1.6	2.3
Edwards:	2.7	3.3
Hollinger Office:	12.1	24.2
Hollinger Park:	2.3	2.9
Sandy:	7.4	13.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.7
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	1.6	0.1	0.1
Imerys:	0.3	0.1	0.2
Noah:	0.3	0.3	0.5
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	1.1	0.5	0.5
Water Tower:	0.2	0.1	0.2
Wilson:	0.0	0	0.0