

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_005/006
Date: 9-Dec-15
Blast Time: 13:47
Blast Sign Activation: 7:45
Website Notification Time: 11:45

Blast Conditions

Ceiling Height: 152 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 8.5 km/hr
Wind Direction: SE
Temperature: 3.8 °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:	55.9 LAeq	113.7 dB
Edwards:	53.6 LAeq	105.9 dB
Fred:	46.1 LAeq	100.4 dB
Hollinger Office:	62.7 LAeq	108.1 dB
Noah:	60.6 LAeq	107.3 dB
Sandy:	55.9 LAeq	104.3 dB
Water Tower:	53.5 LAeq	106.7 dB
Wilson:	52.6 LAeq	105.4 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:	39.8	40.7	35.7	36.6
Edwards:	16.3	17.0	55.6	57.8
Hollinger Office:	34.5	41.0	64.4	76.7
Hollinger Park:	16.4	17.2	53.6	55.1
Sandy:	48.4	51.2	42.8	44.4

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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:	8.9	16.1
Edwards:	5.5	7.2
Hollinger Office:	8.6	10.3
Hollinger Park:	2.0	2.3
Sandy:	4.3	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.8	0.8
Edwards:	0.7	0.5	0.4
Hollinger Office:	0.9	1.8	4.6
Hollinger West:	1.7	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.3	0.5
Moneta Pumping Station:	0.4	0.2	0.6
Sandy:	1.1	1.0	0.9
Water Tower:	0.2	0.1	0.3
Wilson:	0.5	0.3	0.4