

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_023 and 3370_153
Date: 3-Nov-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1219 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 4.8 °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:	57.6 LAeq	100.0 dB
Edwards:	54.3 LAeq	99.1 dB
Fred:	47.2 LAeq	101.5 dB
Hollinger Office:	60.1 LAeq	113.2 dB
Noah:	61.6 LAeq	106.2 dB
Sandy:	57.9 LAeq	111.6 dB
Water Tower:	50.2 LAeq	109.9 dB
Wilson:	53.9 LAeq	108.0 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:	4.1	5.6	8.6	10.3
Edwards:	5.8	8.0	9.8	14.5
Hollinger Office:	11.2	23.4	14.3	26.8
Hollinger Park:	13.6	37.1	17.7	52.8
Sandy:	25.6	39.2	24.2	36.6

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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:	0.9	1.7
Edwards:	1.4	3.1
Hollinger Office:	7.4	14.1
Hollinger Park:	3.6	7.7
Sandy:	9.5	26.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	3.3	0.9	3.5
Hollinger West:	4.7	2.7	5.7
Imerys:	1.3	0.9	1.5
Noah:	0.8	0.8	1.3
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.4	0.7	0.5
Water Tower:	2.2	0.7	0.9
Wilson:	3.2	3.3	3.2