

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_002/3364_211/212A
Date: 18-Jan-17
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4000 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 0.4 °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:	52.1 LAeq	105.7 dB
Edwards:	50.9 LAeq	109.8 dB
Fred:	46.9 LAeq	109.4 dB
Hollinger Office:	59.1 LAeq	111.8 dB
Noah:	59.2 LAeq	112.9 dB
Sandy:	47.2 LAeq	106.6 dB
Water Tower:	54.0 LAeq	119.7 dB
Wilson:	52.7 LAeq	106.1 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:	6.3	6.7	6.6	7.1
Edwards:	3.4	4.2	10.0	11.3
Hollinger Office:	7.2	9.0	11.3	18.3
Hollinger Park:	5.9	6.7	11.0	13.0
Sandy:	3.2	3.9	6.9	8.6

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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:	1.4	3.5
Edwards:	2.3	4.8
Hollinger Office:	15.8	33.1
Hollinger Park:	5.4	6.5
Sandy:	2.4	3.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.8	0.6	0.9
Imerys:	0.9	1.7	1.3
Noah:	1.8	1.7	2.0
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.3	0.6	0.5
Water Tower:	5.6	11.4	5.4
Wilson:	1.0	0.6	0.9