

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_046
Date: 11-Apr-17
Blast Time: 11:56
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4267 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 15 km/hr
Wind Direction: NE
Temperature: -3.1 °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:	57.5 LAeq	102.2 dB
Edwards:	48.1 LAeq	106.2 dB
Fred:	44.1 LAeq	101.8 dB
Hollinger Office:	58.1 LAeq	110.9 dB
Noah:	61.9 LAeq	107.2 dB
Sandy:	50.1 LAeq	107.7 dB
Water Tower:	66.1 LAeq	112.7 dB
Wilson:	48.5 LAeq	109.2 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:	5.9	6.1	5.7	6.3
Edwards:	7.2	9.2	14.3	18.9
Hollinger Office:	7.3	8.5	17.6	23.5
Hollinger Park:	5.6	7.2	13.6	19.0
Sandy:	9.5	15.5	6.8	14.9

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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:	3.3	3.8
Edwards:	1.2	2.1
Hollinger Office:	3.9	7.2
Hollinger Park:	1.9	2.9
Sandy:	8.0	15.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.4	0.4	0.7
Hollinger West:	0.5	0.4	0.5
Imerys:	1.5	0.7	0.9
Noah:	0.9	0.4	1.1
Moneta Pumping Station:	2.1	1.0	1.5
Sandy:	0.7	0.8	0.8
Water Tower:	0.7	0.8	0.8
Wilson:	1.3	1.1	1.2