

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_038
Date: 27-Dec-16
Blast Time: 11:33
Blast Sign Activation: 7:57
Website Notification Time: 7:42

Blast Conditions

Ceiling Height: 1249 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5.7 km/hr
Wind Direction: E
Temperature: -9.8 °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:	53.6 LAeq	107.7 dB
Edwards:	63.5 LAeq	101.5 dB
Fred:	44.7 LAeq	105.2 dB
Hollinger Office:	60.7 LAeq	108.0 dB
Noah:	59.5 LAeq	105.9 dB
Sandy:	58.2 LAeq	112.4 dB
Water Tower:	53.4 LAeq	115.4 dB
Wilson:	65.0 LAeq	117.3 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:	15.0	16.2	11.4	13.0
Edwards:	17.3	18.3	20.4	21.4
Hollinger Office:	18.1	19.1	10.4	17.2
Hollinger Park:	13.5	14.4	21.2	22.7
Sandy:	20.1	22.0	15.6	18.3

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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:	1.2	1.7
Edwards:	1.6	2.3
Hollinger Office:	3.0	4.5
Hollinger Park:	6.8	9.3
Sandy:	6.4	11.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.2	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.5
Moneta Pumping Station:	1.9	1.7	1.3
Sandy:	2.1	1.5	1.8
Water Tower:	0.3	0.3	0.2
Wilson:	1.5	0.8	1.0