

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_057
Date: 8-Jan-17
Blast Time: 11:32
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: -23.3 °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:	49.2 LAeq	104.1 dB
Edwards:	48.8 LAeq	100.6 dB
Fred:	40.0 LAeq	100.5 dB
Hollinger Office:	56.0 LAeq	105.8 dB
Noah:	58.4 LAeq	99.9 dB
Sandy:	41.9 LAeq	111.8 dB
Water Tower:	45.9 LAeq	111.0 dB
Wilson:	53.2 LAeq	101.2 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:	15.2	15.7	10.3	10.7
Edwards:	16.0	19.6	28.3	38.8
Hollinger Office:	9.5	11.3	22.7	32.2
Hollinger Park:	4.7	4.9	19.1	20.2
Sandy:	9.4	10.5	16.5	18.7

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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:	3.5	5.5
Edwards:	13.5	26.7
Hollinger Office:	0.0	0.0
Hollinger Park:	7.9	17.8
Sandy:	2.0	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.4	0.3	0.4
Imerys:	0.5	0.4	0.3
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	1.2	0.8	0.8
Sandy:	1.8	1.2	2.0
Water Tower:	0.4	0.3	0.3
Wilson:	1.0	0.7	1.5