

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_020
Date: 1-Oct-16
Blast Time: 15:35
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: NE
Temperature: 18.6 °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:	54.5 LAeq	97.2 dB
Edwards:	51.7 LAeq	96.6 dB
Fred:	44.0 LAeq	96.6 dB
Hollinger Office:	54.9 LAeq	100.7 dB
Noah:	61.9 LAeq	107.7 dB
Sandy:	53.8 LAeq	109.7 dB
Water Tower:	50.1 LAeq	111.5 dB
Wilson:	51.5 LAeq	107.2 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:	3.1	3.6	1.5	3.5
Edwards:	4.9	5.2	8.4	11.5
Hollinger Office:	7.2	11.5	7.8	19.8
Hollinger Park:	21.0	69.3	20.5	81.5
Sandy:	11.9	22.8	13.9	34.9

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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:	0.0	0.2
Edwards:	0.0	0.2
Hollinger Office:	0.3	0.7
Hollinger Park:	1.4	3.8
Sandy:	10.1	37.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	2.2	1.5	1.3
Imerys:	0.3	0.3	0.4
Noah:	0.6	0.4	0.4
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.8	1.1	0.8
Water Tower:	0.8	0.5	1.0
Wilson:	2.7	2.3	3.9