

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_036
Date: 1-Aug-15
Blast Time: 11:38
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 2438 m
Boundary Layer Height: N/A m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 3.7 km/hr
Wind Direction: W
Temperature: 21 °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:	54.7 LAeq	107.4 dB
Edwards:	49.8 LAeq	102.9 dB
Fred:	46.1 LAeq	96.0 dB
Hollinger Office:	58.2 LAeq	113.2 dB
Noah:	59.2 LAeq	105.9 dB
Sandy:	55.5 LAeq	109.2 dB
Water Tower:	54.5 LAeq	113.6 dB
Wilson:	50.0 LAeq	98.6 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	6.7	5.2	7.5
Edwards:	6.0	6.7	10.0	13.0
Hollinger Office:	19.7	35.1	25.1	46.9
Hollinger Park:	4.5	5.2	9.7	12.2
Sandy:	2.7	2.9	9.8	10.9

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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:	1.1	2.1
Edwards:	5.7	14.6
Hollinger Office:	6.2	15.4
Hollinger Park:	0.7	1.0
Sandy:	0.3	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.6
Hollinger West:	0.1	0.1	0.2
Imerys:	0.5	0.3	0.4
Noah:	0.6	0.3	0.3
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.6	0.6	0.7
Water Tower:	0.3	0.3	0.4
Wilson:	0.5	0.3	0.3