

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_090/109
Date: 2-Mar-16
Blast Time: 11:35
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 19 km/hr
Wind Direction: N
Temperature: -19.4 °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:	52.1 LAeq	106.5 dB
Edwards:	47.8 LAeq	98.0 dB
Fred:	44.4 LAeq	107.4 dB
Hollinger Office:	65.1 LAeq	107.2 dB
Noah:	59.5 LAeq	105.9 dB
Sandy:	63.2 LAeq	110.2 dB
Water Tower:	46.6 LAeq	110.6 dB
Wilson:	51.1 LAeq	105.4 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:	5.4	5.7	1.2	1.6
Edwards:	1.5	1.6	5.1	6.2
Hollinger Office:	2.1	2.5	4.3	6.5
Hollinger Park:	1.7	1.8	3.5	4.3
Sandy:	4.2	5.2	5.7	7.8

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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	2.0
Edwards:	2.3	2.9
Hollinger Office:	5.5	8.4
Hollinger Park:	8.0	14.4
Sandy:	2.7	7.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.7	0.4
Edwards:	0.3	0.4	0.4
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	2.1	0.1	0.1
Imerys:	0.2	0.3	0.1
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	0.9	0.7	0.6
Sandy:	0.8	0.7	0.8
Water Tower:	0.2	0.2	0.2
Wilson:	0.8	1.9	1.7