

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_053/054
Date: 8-Mar-16
Blast Time: 11:46
Blast Sign Activation: 9:30
Website Notification Time: 9:30

Blast Conditions

Ceiling Height: 200 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: E
Temperature: -1.7 °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:	53.2 LAeq	104.8 dB
Edwards:	46.9 LAeq	107.6 dB
Fred:	42.9 LAeq	105.7 dB
Hollinger Office:	57.8 LAeq	113.7 dB
Noah:	58.5 LAeq	112.0 dB
Sandy:	56.6 LAeq	104.8 dB
Water Tower:	49.5 LAeq	110.6 dB
Wilson:	49.9 LAeq	110.5 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:	12.7	13.1	8.4	8.8
Edwards:	5.5	6.8	18.5	26.1
Hollinger Office:	5.3	5.6	13.2	14.0
Hollinger Park:	11.9	14.1	15.2	18.9
Sandy:	6.3	6.7	11.2	12.1

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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	1.7
Edwards:	2.9	3.7
Hollinger Office:	4.6	5.7
Hollinger Park:	11.2	13.9
Sandy:	0.9	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	1.7	0.9	1.4
Hollinger West:	1.6	0.1	0.1
Imerys:	0.5	0.6	0.7
Noah:	0.8	0.4	0.9
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.4	0.3
Water Tower:	0.4	0.3	0.3
Wilson:	0.7	0.4	0.5