

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_217 & 3352_006
Date: 14-Mar-17
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: -13.3 °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:	55.1 LAeq	105.4 dB
Edwards:	53.0 LAeq	99.1 dB
Fred:	41.9 LAeq	105.4 dB
Hollinger Office:	55.0 LAeq	102.9 dB
Noah:	64.2 LAeq	106.3 dB
Sandy:	52.2 LAeq	108.5 dB
Water Tower:	62.8 LAeq	119.1 dB
Wilson:	49.8 LAeq	104.0 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:	7.3	7.9	3.4	4.1
Edwards:	11.5	13.8	20.0	24.7
Hollinger Office:	56.6	90.7	45.7	72.3
Hollinger Park:	22.4	29.4	26.6	45.0
Sandy:	27.1	68.3	33.1	117.2

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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:	3.4	4.3
Edwards:	3.3	4.5
Hollinger Office:	9.2	15.0
Hollinger Park:	3.3	6.0
Sandy:	8.9	21.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.9	1.0	1.2
Imerys:	0.6	1.4	0.7
Noah:	0.7	0.9	1.1
Moneta Pumping Station:	0.9	1.0	1.2
Sandy:	1.9	1.6	2.1
Water Tower:	2.7	7.0	3.0
Wilson:	0.9	1.4	1.0