

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_084
Date: 19-May-16
Blast Time: 15:42
Blast Sign Activation: 9:00
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 7620 m
Boundary Layer Height: none m
Cloud Cover: 100% Scattered Clouds
Wind Speed: 10.1 km/hr
Wind Direction: N
Temperature: 21.7 °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:	58.3 LAeq	103.8 dB
Edwards:	55.9 LAeq	100.3 dB
Fred:	44.7 LAeq	98.8 dB
Hollinger Office:	60.5 LAeq	100.6 dB
Noah:	60.6 LAeq	103.9 dB
Sandy:	64.1 LAeq	109.8 dB
Water Tower:	46.2 LAeq	103.7 dB
Wilson:	48.0 LAeq	101.5 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:	n/a	n/a	8.5	10.5
Edwards:	12.7	16.9	22.4	31.1
Hollinger Office:	31.0	60.0	34.4	64.1
Hollinger Park:	23.9	42.2	33.8	53.5
Sandy:	10.4	11.4	13.7	16.8

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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:	1.9	2.8
Edwards:	3.4	15.9
Hollinger Office:	2.4	3.5
Hollinger Park:	0.3	1.2
Sandy:	0.7	0.9

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	0.2
Hollinger Office:	0.5	0.2	0.7
Hollinger West:	1.9	0.2	0.5
Imerys:	0.3	0.5	0.5
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	2.4	2.0	1.6
Sandy:	1.9	1.8	1.9
Water Tower:	1.0	0.3	1.1
Wilson:	1.1	1.2	1.3