

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_097
Date: 23-May-16
Blast Time: 11:37
Blast Sign Activation: 7:30
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 10 km/hr
Wind Direction: NE
Temperature: 25 °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:	53.9 LAeq	108.6 dB
Edwards:	60.9 LAeq	108.8 dB
Fred:	46.4 LAeq	103.7 dB
Hollinger Office:	66.3 LAeq	111.8 dB
Noah:	60.5 LAeq	109.3 dB
Sandy:	50.6 LAeq	107.4 dB
Water Tower:	48.7 LAeq	112.0 dB
Wilson:	46.6 LAeq	106.5 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	15.6	21.7
Edwards:	19.6	29.2	60.0	104.6
Hollinger Office:	49.5	84.4	63.9	120.8
Hollinger Park:	11.9	14.1	36.0	41.4
Sandy:	14.0	16.0	26.4	33.9

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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:	2.0	5.5
Edwards:	8.7	16.7
Hollinger Office:	7.6	13.8
Hollinger Park:	0.2	0.4
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.6
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.6	0.4	0.9
Hollinger West:	2.3	0.5	0.3
Imerys:	0.4	0.6	0.5
Noah:	0.7	0.5	0.7
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.6	0.5	0.6
Water Tower:	0.5	0.5	0.8
Wilson:	1.4	0.8	1.3