

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_060
Date: 9-Jun-15
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: 18 °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:	55.3 LAeq	110.0 dB
Edwards:	59.1 LAeq	104.6 dB
Fred:	49.0 LAeq	106.8 dB
Hollinger Office:	56.2 LAeq	117.3 dB
Noah:	60.4 LAeq	109.6 dB
Sandy:	71.6 LAeq	124.1 dB
Water Tower:	65.7 LAeq	114.9 dB
Wilson:	56.2 LAeq	112.2 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:	11.5	12.0	7.9	9.9
Edwards:	20.7	44.1	31.3	105.8
Hollinger Office:	9.8	12.5	14.8	24.0
Hollinger Park:	14.0	17.9	26.3	39.3
Sandy:	6.7	9.7	15.5	27.0

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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:	0.3	0.8
Edwards:	5.5	9.7
Hollinger Office:	2.3	2.9
Hollinger Park:	3.9	8.4
Sandy:	16.2	36.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No Exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.4	0.4	0.4
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	0.4	0.5	0.5
Sandy:	3.0	1.5	3.0
Water Tower:	0.3	0.1	0.2
Wilson:	0.7	0.5	0.7