

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_185
Date: 7-Oct-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 304 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast Rain
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 15.1 °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:	55.7 LAeq	106.3 dB
Edwards:	51.6 LAeq	110.9 dB
Fred:	47.8 LAeq	109.7 dB
Hollinger Office:	61.3 LAeq	117.8 dB
Noah:	61.6 LAeq	115.0 dB
Sandy:	53.5 LAeq	111.3 dB
Water Tower:	64.9 LAeq	118.0 dB
Wilson:	53.7 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:	6.4	7.1	17.3	18.6
Edwards:	8.4	9.2	13.3	14.9
Hollinger Office:	12.0	15.4	12.4	18.3
Hollinger Park:	4.4	4.7	10.8	13.3
Sandy:	6.9	8.0	13.6	14.7

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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	6.8
Edwards:	1.8	3.4
Hollinger Office:	9.4	21.0
Hollinger Park:	0.6	1.1
Sandy:	2.2	3.2

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	0.1	0.1
Hollinger Office:	0.5	0.1	0.7
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.4	0.4
Noah:	0.6	0.5	0.4
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.4	0.7	0.6
Water Tower:	0.4	0.2	0.6
Wilson:	1.0	0.9	1.0