

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_181/182
Date: 21-Sep-16
Blast Time: 15:40
Blast Sign Activation: 9:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 6400 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7.5 km/hr
Wind Direction: W
Temperature: 19.9 °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:	56.9 LAeq	109.4 dB
Edwards:	57.8 LAeq	108.8 dB
Fred:	45.8 LAeq	105.6 dB
Hollinger Office:	57.5 LAeq	109.0 dB
Noah:	61.6 LAeq	108.0 dB
Sandy:	59.6 LAeq	110.8 dB
Water Tower:	64.4 LAeq	113.3 dB
Wilson:	52.3 LAeq	108.6 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.0	4.0	1.0	2.4
Edwards:	7.0	9.7	10.3	12.4
Hollinger Office:	11.4	13.4	12.8	16.4
Hollinger Park:	13.2	16.9	18.9	24.1
Sandy:	7.2	8.1	7.1	10.0

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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:	0.7	2.1
Edwards:	0.4	2.4
Hollinger Office:	1.3	2.5
Hollinger Park:	2.8	6.1
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.5	0.3
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.9	0.6	0.9
Sandy:	0.4	0.8	0.6
Water Tower:	0.7	0.1	0.6
Wilson:	0.7	0.4	0.7