

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_049
Date: 4-Oct-17
Blast Time: 8:00
Blast Sign Activation: 8:00
Website Notification Time: 11:39

Blast Conditions

Ceiling Height: 18000 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20 km/hr
Wind Direction: S
Temperature: 14.6 °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:	57.0 LAeq	108.4 dB
Edwards:	57.0 LAeq	104.5 dB
Fred:	47.3 LAeq	109.0 dB
Hollinger Office:	57.8 LAeq	109.0 dB
Noah:	63.8 LAeq	107.0 dB
Sandy:	48.0 LAeq	112.0 dB
Water Tower:	51.7 LAeq	115.8 dB
Wilson:	53.4 LAeq	108.2 dB

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

Dust Alert: No exceedances recorded at 24hrs.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	6.4	9.9	12.5
Edwards:	8.5	16.1	10.4	17.7
Hollinger Office:	11.0	13.8	9.8	13.7
Sandy:	5.7	15.3	8.6	22.2

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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:	0.9	1.7
Edwards:	1.9	3.0
Hollinger Office:	3.3	4.0
Sandy:	5.4	15.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.4	0.2	0.2
Hollinger West:	2.8	2.3	2.6
Imerys:	1.2	0.9	1.4
Noah:	0.9	0.9	0.8
Moneta Pumping Station:	0.4	0.4	0.6
Sandy:	0.6	0.4	0.6
Water Tower:	1.7	1.0	1.7
Wilson:	3.8	3.5	2.9