

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_002
Date: 25-Oct-17
Blast Time: 15:44
Blast Sign Activation: 10:00
Website Notification Time: 10:11

Blast Conditions

Ceiling Height: 2800 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 12 km/hr
Wind Direction: N
Temperature: 1.7 °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:	58.4 LAeq	107.3 dB
Edwards:	52.4 LAeq	100.7 dB
Fred:	47.5 LAeq	106.4 dB
Hollinger Office:	57.3 LAeq	107.1 dB
Noah:	63.2 LAeq	109.3 dB
Sandy:	46.1 LAeq	109.2 dB
Water Tower:	53.5 LAeq	119.8 dB
Wilson:	49.3 LAeq	105.6 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:	1.4	1.5	4.2	4.5
Edwards:	2.3	2.8	6.4	8.6
Hollinger Office:	1.1	1.9	2.3	3.3
Sandy:	2.0	5.0	2.3	4.5

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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:	0.8	1.3
Edwards:	0.9	1.3
Hollinger Office:	3.3	4.3
Sandy:	3.3	8.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.3	0.2
Imerys:	0.6	0.4	0.5
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	4.1	3.0	3.1
Sandy:	1.6	1.4	1.4
Water Tower:	0.5	0.3	0.4
Wilson:	0.7	0.6	0.7