

Hollinger Public Blast Report

Blast Pattern: 3358_125
Date: 28-Oct-17
Blast Time: 11:49
Blast Sign Activation: 7:50
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 400 m
Boundary Layer Height: none m
Cloud Cover: 0% Fog
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 1.1 °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:	53.4 LAeq	106.7 dB
Edwards:	53.5 LAeq	98.1 dB
Fred:	41.3 LAeq	99.0 dB
Hollinger Office:	53.4 LAeq	112.3 dB
Noah:	60.8 LAeq	102.2 dB
Sandy:	44.2 LAeq	110.3 dB
Water Tower:	49.3 LAeq	114.6 dB
Wilson:	48.9 LAeq	104.1 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:	2.2	2.5	4.1	4.9
Edwards:	3.9	5.9	8.0	10.3
Hollinger Office:	31.0	65.7	12.7	29.1
Sandy:	2.7	6.4	2.4	3.4

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.4	6.6
Edwards:	8.8	31.0
Hollinger Office:	9.0	21.7
Sandy:	1.9	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.4	0.8
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.3	0.5
Noah:	0.8	0.3	0.4
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	0.4	0.2	0.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.6	0.4	0.7