

Hollinger Public Blast Report

Blast Pattern: 3364_137
Date: 21-Jul-16
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3353
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 7.3 km/hr
Wind Direction: N
Temperature: 26.1 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	58.5 LAeq	116.4 dB
Edwards:	56.7 LAeq	117.7 dB
Fred:	51.7 LAeq	116.5 dB
Hollinger Office:	61.0 LAeq	118.3 dB
Noah:	65.2 LAeq	119.9 dB
Sandy:	56.3 LAeq	117.2 dB
Water Tower:	58.6 LAeq	126.6 dB
Wilson:	55.4 LAeq	116.3 dB

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

Dust Alert: No exceedances recorded, high levels during blast but below 24hr exceedance levels

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	9.5	26.7	32.3
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	207.9	376.3	149.0	261.1
Hollinger Park:	125.8	480.8	94.4	285.3
Sandy:	31.2	49.5	45.4	58.9

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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:	1.0	2.6
Edwards:	0.0	0.0
Hollinger Office:	5.3	7.6
Hollinger Park:	3.1	7.8
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.3	0.2
Noah:	2.2	4.0	2.0
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.3	0.1
Water Tower:	0.1	0.1	0.0
Wilson:	0.3	0.3	0.2