

Hollinger Public Blast Report

Blast Pattern: 3382_116
Date: 12-Sep-15
Blast Time: 15:36
Blast Sign Activation: 11:50
Website Notification Time: 9:00

Blast Conditions

Ceiling Height: 430 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: NW
Temperature: 11.4 °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:	56.4 LAeq	95.9 dB
Edwards:	53.5 LAeq	95.3 dB
Fred:	44.8 LAeq	98.8 dB
Hollinger Office:	58.1 LAeq	101.8 dB
Noah:	60.0 LAeq	101.2 dB
Sandy:	52.8 LAeq	117.8 dB
Water Tower:	53.0 LAeq	99.8 dB
Wilson:	54.5 LAeq	101.0 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:	1.8	2.0	9.4	9.9
Edwards:	1.2	1.3	1.1	1.9
Hollinger Office:	1.7	4.0	18.3	20.3
Hollinger Park:	3.1	3.4	5.1	6.4
Sandy:	15.3	47.4	38.6	68.7

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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:	0.5	1.1
Edwards:	0.7	1.1
Hollinger Office:	1.5	2.2
Hollinger Park:	0.6	1.0
Sandy:	20.0	40.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: Exceedance reported at Sandy: 16.6 mm/s, under investigation with blast consultant.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.1
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.4
Hollinger West:	0.6	0.3	0.4
Imerys:	0.2	0.3	0.3
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	10.9	5.7	5.6
Sandy:	8.9	16.6	5.7
Water Tower:	1.6	0.4	0.7
Wilson:	1.1	0.7	1.4