

Hollinger Public Blast Report

Blast Pattern: 3382_091
Date: 20-Jul-15
Blast Time: 15:39
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1860 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 16 km/hr
Wind Direction: SW
Temperature: 25.1 °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:	59.8 LAeq	119.1 dB
Edwards:	60.6 LAeq	124.8 dB
Fred:	55.2 LAeq	124.2 dB
Hollinger Office:	62.7 LAeq	127.1 dB
Noah:	65.1 LAeq	116.4 dB
Sandy:	59.8 LAeq	118.9 dB
Water Tower:	64.4 LAeq	126.2 dB
Wilson:	57.0 LAeq	121.0 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: Received dust alerts due to excessive winds, peak did not occur during blast.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.8	17.9	24.6	33.9
Edwards:	319.6	800.6	308.8	681.8
Hollinger Office:	178.1	276.6	122.6	230.0
Hollinger Park:	57.6	168.9	67.8	126.2
Sandy:	24.4	49.5	45.8	94.8

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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:	1.6	2.6
Edwards:	12.9	18.4
Hollinger Office:	9.7	11.7
Hollinger Park:	1.8	2.5
Sandy:	0.3	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.5
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.3
Noah:	0.3	0.6	0.3
Moneta Pumping Station:	0.6	0.3	0.2
Sandy:	1.3	2.1	1.1
Water Tower:	0.3	0.2	0.3
Wilson:	0.7	0.4	0.5