

Hollinger Public Blast Report

Blast Pattern: 3370_040
Date: 16-Aug-15
Blast Time: 15:37
Blast Sign Activation: 8:00
Website Notification Time: 10:45

Blast Conditions

Ceiling Height: 1500 m
Boundary Layer Height: 2200 m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 12 km/hr
Wind Direction: SW
Temperature: 31 °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:	56.2 LAeq	116.4 dB
Edwards:	59.7 LAeq	113.1 dB
Fred:	51.8 LAeq	113.8 dB
Hollinger Office:	59.6 LAeq	118.6 dB
Noah:	60.9 LAeq	115.2 dB
Sandy:	56.1 LAeq	116.2 dB
Water Tower:	63.0 LAeq	121.2 dB
Wilson:	53.9 LAeq	116.4 dB

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

Dust Alert: TSP unit at Edward Station repaired

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.7	22.3	24.4	25.9
Edwards:	20.9	51.6	81.6	245.2
Hollinger Office:	67.6	104.6	77.7	137.8
Hollinger Park:	19.0	22.7	46.4	53.4
Sandy:	17.0	19.3	37.3	44.0

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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:	1.3	2.6
Edwards:	2.8	4.5
Hollinger Office:	5.6	10.4
Hollinger Park:	0.9	1.6
Sandy:	0.3	0.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.7
Hollinger West:	0.2	0.2	0.4
Imerys:	0.7	0.6	0.9
Noah:	0.8	0.6	0.8
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	4.2	1.7	1.8
Water Tower:	2.9	0.7	2.6
Wilson:	1.1	0.7	1.3