

Hollinger Public Blast Report

Blast Pattern: 3340_025
Date: 25-Apr-18
Blast Time: 15:58
Blast Sign Activation: 7:50
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 2500 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 2.4 °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:	55.9 LAeq	96.2 dB
Edwards:	47.0 LAeq	95.6 dB
Fred:	44.5 LAeq	101.2 dB
Hollinger Office:	57.0 LAeq	98.6 dB
Noah:	62.5 LAeq	102.9 dB
Sandy:	41.2 LAeq	110.0 dB
Water Tower:	49.7 LAeq	107.9 dB
Wilson:	46.1 LAeq	112.2 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	7.3	5.4	7.0
Edwards:	12.7	16.9	13.8	23.7
Hollinger Office:	24.8	39.4	28.5	53.6
Sandy:	8.4	11.3	8.5	12.9

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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:	0.5	0.8
Edwards:	0.8	1.3
Hollinger Office:	2.7	3.5
Sandy:	3.5	7.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	6.7	3.5	4.0
Imerys:	0.9	0.6	0.8
Noah:	0.7	0.6	1.0
Moneta Pumping Station:	0.6	0.5	0.9
Sandy:	0.8	1.0	0.8
Water Tower:	0.7	0.5	0.5
Wilson:	4.8	3.5	3.9