

Hollinger Public Blast Report

Blast Pattern: 3340_021
Date: 1-May-18
Blast Time: 15:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 25.9 °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:	55.0 LAeq	111.0 dB
Edwards:	51.8 LAeq	111.9 dB
Fred:	53.2 LAeq	111.3 dB
Hollinger Office:	56.8 LAeq	116.4 dB
Noah:	61.4 LAeq	117.2 dB
Sandy:	51.9 LAeq	108.9 dB
Water Tower:	59.4 LAeq	115.2 dB
Wilson:	53.6 LAeq	112.3 dB

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

Dust Alert: Hollinger Office 50.0ug/m3 @ 24hr

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.4	21.1	21.6	25.3
Edwards:	19.6	22.3	36.6	47.4
Hollinger Office:	60.6	108.0	89.6	183.3
Sandy:	27.2	34.4	35.6	41.6

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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:	2.9	8.4
Edwards:	2.6	5.5
Hollinger Office:	6.1	12.2
Sandy:	1.7	2.0

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:	0.3	0.2	0.4
Hollinger West:	4.2	1.8	3.0
Imerys:	1.4	1.0	1.2
Noah:	1.5	0.8	1.3
Moneta Pumping Station:	0.8	0.6	0.6
Sandy:	0.8	0.4	0.7
Water Tower:	0.9	0.6	1.2
Wilson:	3.2	2.4	2.8