

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_180
Date: 8-Apr-19
Blast Time: 15:30
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 13 km/hr
Wind Direction: E
Temperature: -0.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.1 LAeq	110.0 dB
Edwards:	47.4 LAeq	100.3 dB
Fred:	40.5 LAeq	102.0 dB
Hollinger Office:	56.7 LAeq	120.2 dB
Noah:	63.1 LAeq	110.1 dB
Sandy:	43.2 LAeq	106.7 dB
Water Tower:	50.0 LAeq	113.1 dB
Wilson:	51.6 LAeq	106.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.0	7.6	5.5	5.9
Edwards:	5.9	7.5	7.9	10.7
Hollinger Office:	3.7	4.3	4.9	6.4
Sandy:	2.9	3.6	3.3	4.2

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.3	3.2
Edwards:	3.1	3.6
Hollinger Office:	3.9	4.8
Sandy:	4.6	12.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.8	1.0
Edwards:	0.5	0.2	0.4
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.6	0.2	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.5	0.6
