

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_014
Date: 23-Feb-19
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2600 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 4 km/hr
Wind Direction: S
Temperature: -2.6 °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:	46.7 LAeq	104.7 dB
Edwards:	37.1 LAeq	98.1 dB
Fred:	36.8 LAeq	93.7 dB
Hollinger Office:	48.2 LAeq	107.2 dB
Noah:	57.3 LAeq	99.4 dB
Sandy:	42.2 LAeq	105.8 dB
Water Tower:	44.1 LAeq	105.7 dB
Wilson:	57.9 LAeq	100.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	8.9	7.0	7.6
Edwards:	5.4	6.1	11.7	12.6
Hollinger Office:			11.8	15.3
Sandy:	5.1	7.3	9.1	14.5

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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:	5.3	6.9
Edwards:	3.6	4.1
Hollinger Office:	6.6	8.0
Sandy:	3.0	4.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.2	0.2
Imerys:	0.3	0.2	0.8
Noah:	0.5	0.3	0.5
Moneta Pumping Station:	1.0	0.5	0.6
Sandy:	1.4	1.1	1.9
Water Tower:	0.5	0.4	0.3
Wilson:	1.1	1.4	0.9