

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_035
Date: 13-Mar-19
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2300 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 1.2 °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:	52.3 LAeq	104.2 dB
Edwards:	46.8 LAeq	96.0 dB
Fred:	45.9 LAeq	93.7 dB
Hollinger Office:	53.2 LAeq	110.7 dB
Noah:	62.4 LAeq	101.6 dB
Sandy:	47.7 LAeq	108.5 dB
Water Tower:	48.5 LAeq	111.6 dB
Wilson:	51.3 LAeq	97.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.4	8.3	8.2	8.8
Edwards:	1.7	2.0	8.7	11.5
Hollinger Office:	4.3	5.3	9.1	9.7
Sandy:	4.5	4.9	6.1	6.6

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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:	3.2	6.7
Edwards:	3.1	5.7
Hollinger Office:	6.0	8.2
Sandy:	2.6	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.6
Noah:	0.5	0.5	0.4
Moneta Pumping Station:	0.9	0.3	0.5
Sandy:	1.2	0.8	1.5
Water Tower:	0.2	0.2	0.2
Wilson:	0.8	1.0	0.8