

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_075
Date: 16-Dec-18
Blast Time: 11:36
Blast Sign Activation: 7:15
Website Notification Time: 7:07

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17 km/hr
Wind Direction: S
Temperature: 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:	52.8 LAeq	113.0 dB
Edwards:	52.0 LAeq	109.6 dB
Fred:	46.5 LAeq	110.5 dB
Hollinger Office:	56.4 LAeq	126.0 dB
Noah:	59.5 LAeq	119.6 dB
Sandy:	49.2 LAeq	114.1 dB
Water Tower:	59.5 LAeq	118.9 dB
Wilson:	54.0 LAeq	110.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.2	3.6	5.0	6.1
Edwards:	1.3	1.4	4.5	5.3
Hollinger Office:	9.3	11.4	11.6	18.2
Sandy:	1.2	1.3	3.4	9.1

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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:	1.1	2.7
Edwards:	1.0	2.5
Hollinger Office:	1.9	2.9
Sandy:	0.9	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.3	0.6
Noah:	0.5	0.4	0.8
Moneta Pumping Station:	0.9	0.5	0.6
Sandy:	1.1	0.5	1.1
Water Tower:	0.3	0.2	0.3
Wilson:	2.1	1.1	1.2