

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_040, 3334_050
Date: 2-May-19
Blast Time: 15:51
Blast Sign Activation: 7:35
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 17000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 20 km/hr
Wind Direction: E
Temperature: 7.9 °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:	54.7 LAeq	104.9 dB
Edwards:	46.8 LAeq	106.8 dB
Fred:	45.7 LAeq	109.0 dB
Hollinger Office:	54.8 LAeq	118.4 dB
Noah:	59.6 LAeq	107.7 dB
Sandy:	48.9 LAeq	107.8 dB
Water Tower:	51.4 LAeq	111.6 dB
Wilson:	51.6 LAeq	105.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.2	19.8	7.3	21.6
Edwards:	7.6	8.2	3.5	4.7
Hollinger Office:	34.2	118.0	36.2	110.2
Sandy:	11.1	19.2	9.0	15.8

Hollinger Public Blast Report



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:	1.4	3.7
Edwards:	0.5	1.1
Hollinger Office:	11.8	61.4
Sandy:	1.0	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.6	0.5	0.7
Imerys:	0.4	0.4	0.4
Noah:	0.3	0.5	0.5
Moneta Pumping Station:	0.9	0.7	0.7
Sandy:	4.0	3.5	3.6
Water Tower:	0.3	0.2	0.3
Wilson:	1.2	0.8	1.7