

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_019
Date: 12-Mar-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 26000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: -5.3 °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:	48.5 LAeq	101.5 dB
Edwards:	43.4 LAeq	100.4 dB
Fred:	44.2 LAeq	99.0 dB
Hollinger Office:	54.8 LAeq	102.7 dB
Noah:	56.7 LAeq	101.2 dB
Sandy:	43.8 LAeq	108.1 dB
Water Tower:	44.1 LAeq	114.0 dB
Wilson:	50.5 LAeq	99.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.3	7.8	6.8	8.5
Edwards:	5.5	6.3	11.9	14.1
Hollinger Office:	4.0	4.9	9.4	13.5
Sandy:	1.5	1.7	7.5	8.4

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:	3.2	5.9
Edwards:	7.3	17.1
Hollinger Office:	3.7	13.6
Sandy:	3.8	4.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	0.2	0.3	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.3	0.6	0.5
Moneta Pumping Station:	0.7	1.0	0.7
Sandy:	2.2	1.2	2.8
Water Tower:	0.4	0.4	0.4
Wilson:	1.5	1.6	1.8