

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_030
Date: 26-Mar-19
Blast Time: 11:48
Blast Sign Activation: 8:35
Website Notification Time: 8:20

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: W
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:	53.3 LAeq	104.8 dB
Edwards:	46.5 LAeq	100.1 dB
Fred:	42.3 LAeq	103.0 dB
Hollinger Office:	53.2 LAeq	108.2 dB
Noah:	57.7 LAeq	106.1 dB
Sandy:	42.7 LAeq	115.5 dB
Water Tower:	43.9 LAeq	119.3 dB
Wilson:	44.5 LAeq	108.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.0	17.8	9.2	15.2
Edwards:	39.3	64.1	39.7	73.4
Hollinger Office:	19.8	26.1	26.8	34.6
Sandy:	11.0	13.8	10.4	14.7

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:	2.6	4.4
Edwards:	6.5	12.9
Hollinger Office:	4.9	8.1
Sandy:	2.3	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.4	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.5	0.4
Hollinger West:	0.6	0.7	0.8
Imerys:	0.6	0.7	1.3
Noah:	0.7	1.0	1.3
Moneta Pumping Station:	1.1	0.6	0.8
Sandy:	3.9	2.6	2.9
Water Tower:	0.8	0.8	1.3
Wilson:	2.4	2.6	3.9