

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_143
Date: 3-Dec-18
Blast Time: 11:53
Blast Sign Activation: 8:00
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 600 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 22 km/hr
Wind Direction: NW
Temperature: -7.8 °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:	55.5 LAeq	105.4 dB
Edwards:	50.2 LAeq	103.8 dB
Fred:	46.9 LAeq	111.8 dB
Hollinger Office:	56.4 LAeq	117.4 dB
Noah:	61.7 LAeq	107.6 dB
Sandy:	54.8 LAeq	112.5 dB
Water Tower:	53.3 LAeq	119.8 dB
Wilson:	53.1 LAeq	116.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.1	1.7	0.7	1.6
Edwards:	2.9	3.7	1.1	2.0
Hollinger Office:	1.8	1.8	2.1	2.6
Sandy:	3.7	7.0	3.3	5.0

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.7	1.0
Edwards:	2.7	5.5
Hollinger Office:	6.3	11.8
Sandy:	5.2	9.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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