

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_064
Date: 7-Jan-19
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 22 km/hr
Wind Direction: SE
Temperature: -13.6 °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:	50.9 LAeq	103.1 dB
Edwards:	45.0 LAeq	109.1 dB
Fred:	43.5 LAeq	111.8 dB
Hollinger Office:	60.4 LAeq	120.7 dB
Noah:	56.6 LAeq	118.6 dB
Sandy:	47.0 LAeq	105.9 dB
Water Tower:	50.1 LAeq	113.8 dB
Wilson:	51.9 LAeq	107.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.7	2.4	2.9	4.1
Edwards:	0.6	1.1	2.8	6.9
Hollinger Office:	19.2	25.0	11.4	19.5
Sandy:	1.6	1.9	1.0	1.4

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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:	0.8	1.2
Edwards:	2.4	4.9
Hollinger Office:	13.7	28.1
Sandy:	2.0	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.5
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.2	0.2	0.1
Imerys:	0.4	0.3	0.6
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.5	0.3	0.3
Sandy:	0.7	0.4	0.6
Water Tower:	0.2	0.2	0.3
Wilson:	0.9	0.8	1.4