

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_067, 3346_147A
Date: 5-Dec-18
Blast Time: 11:38
Blast Sign Activation: 7:50
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: -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:	51.4 LAeq	112.3 dB
Edwards:	46.5 LAeq	104.4 dB
Fred:	43.4 LAeq	100.1 dB
Hollinger Office:	53.8 LAeq	107.4 dB
Noah:	59.5 LAeq	103.7 dB
Sandy:	47.5 LAeq	110.8 dB
Water Tower:	48.6 LAeq	110.6 dB
Wilson:	49.6 LAeq	102.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.6	2.9	2.1	3.5
Edwards:	2.0	2.8	3.8	5.2
Hollinger Office:	4.9	5.1	4.9	7.7
Sandy:	6.9	11.5	4.9	8.3

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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:	1.0	3.1
Edwards:	4.0	10.9
Hollinger Office:	2.5	3.0
Sandy:	4.9	15.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.4
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.5	0.5	0.5
Imerys:	0.4	0.4	0.3
Noah:	0.3	0.3	0.8
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	4.5	2.8	3.3
Water Tower:	0.6	0.7	0.5
Wilson:	1.2	1.3	1.5