

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_150
Date: 5-Oct-18
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 900 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast snow
Wind Speed: 12 km/hr
Wind Direction: S
Temperature: 1 °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:	56.7 LAeq	108.2 dB
Edwards:	53.7 LAeq	99.3 dB
Fred:	42.6 LAeq	90.6 dB
Hollinger Office:	53.8 LAeq	114.0 dB
Noah:	61.2 LAeq	106.9 dB
Sandy:	49.1 LAeq	97.6 dB
Water Tower:	48.0 LAeq	110.9 dB
Wilson:	54.2 LAeq	99.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.8	13.1	0.4	0.4
Edwards:	1.1	1.3	3.4	4.0
Hollinger Office:	0.9	4.7	4.9	10.6
Sandy:	3.7	4.6	1.7	3.8

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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:	2.1	4.8
Edwards:	1.0	2.3
Hollinger Office:	5.2	10.3
Sandy:	1.3	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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