

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_148
Date: 7-Oct-18
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast snow
Wind Speed: 0 km/hr
Wind Direction: N
Temperature: 3.1 °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:	54.5 LAeq	109.7 dB
Edwards:	47.4 LAeq	100.7 dB
Fred:	42.0 LAeq	96.6 dB
Hollinger Office:	53.6 LAeq	119.6 dB
Noah:	60.2 LAeq	105.0 dB
Sandy:	41.9 LAeq	107.3 dB
Water Tower:	50.6 LAeq	113.3 dB
Wilson:	46.5 LAeq	107.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.3	11.9	0.2	0.8
Edwards:	3.9	4.7	4.2	5.5
Hollinger Office:	3.3	4.9	5.4	7.1
Sandy:	3.9	10.8	3.0	17.2

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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:	0.3	0.5
Edwards:	0.7	1.0
Hollinger Office:	1.0	1.2
Sandy:	7.0	24.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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