

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_147
Date: 15-Oct-18
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: 0.6 °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:	57.0 LAeq	116.8 dB
Edwards:	50.7 LAeq	111.4 dB
Fred:	44.4 LAeq	102.0 dB
Hollinger Office:	67.4 LAeq	122.4 dB
Noah:	64.0 LAeq	109.7 dB
Sandy:	46.3 LAeq	110.6 dB
Water Tower:	48.6 LAeq	115.5 dB
Wilson:	48.9 LAeq	108.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.3	17.5	1.9	3.2
Edwards:	5.2	7.8	10.7	14.7
Hollinger Office:	5.3	11.6	10.2	21.7
Sandy:	3.0	3.9	3.0	4.5

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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:	8.9	11.2
Edwards:	19.4	28.1
Hollinger Office:	9.7	12.3
Sandy:	6.2	13.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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