

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_075
Date: 3-Jun-19
Blast Time: 11:45
Blast Sign Activation: 7:45
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 30 km/hr
Wind Direction: NW
Temperature: 8.1 °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:	57.1 LAeq	113.7 dB
Edwards:	51.9 LAeq	102.5 dB
Fred:	50.2 LAeq	116.2 dB
Hollinger Office:	59.0 LAeq	113.6 dB
Noah:	62.3 LAeq	113.4 dB
Sandy:	48.6 LAeq	111.0 dB
Water Tower:	55.5 LAeq	120.5 dB
Wilson:	52.9 LAeq	115.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.0	7.9	1.1	2.2
Edwards:	3.3	3.7	4.0	7.6
Hollinger Office:	5.9	8.2	3.5	5.3
Sandy:	20.9	36.4	18.3	43.1

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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	0.4
Edwards:	0.5	1.2
Hollinger Office:	1.8	3.7
Sandy:	4.0	8.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	5.2	2.6	4.2
Imerys:	0.7	0.6	1.1
Noah:	0.7	0.6	0.7
Moneta Pumping Station:	0.6	0.3	0.7
Sandy:	1.2	0.6	1.5
Water Tower:	1.6	1.0	2.1
Wilson:	2.9	4.1	3.5