

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_075
Date: 2-Jun-19
Blast Time: 11:45
Blast Sign Activation: 8:05
Website Notification Time: 7:54

Blast Conditions

Ceiling Height: 1400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: 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:	55.5 LAeq	111.5 dB
Edwards:	52.8 LAeq	104.3 dB
Fred:	45.8 LAeq	108.0 dB
Hollinger Office:	55.8 LAeq	111.0 dB
Noah:	60.6 LAeq	109.4 dB
Sandy:	46.0 LAeq	108.2 dB
Water Tower:	51.5 LAeq	116.9 dB
Wilson:	49.8 LAeq	109.1 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.3	6.7	1.9	2.4
Edwards:	4.7	5.0	3.9	5.5
Hollinger Office:	2.7	3.3	1.3	2.9
Sandy:	4.6	5.3	3.0	4.2

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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:	0.4	0.5
Edwards:	0.4	0.9
Hollinger Office:	1.4	1.7
Sandy:	4.0	6.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.2	0.7	1.1
Edwards:	0.2	0.2	0.3
Hollinger Office:	1.5	0.5	1.0
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.3	0.8
Noah:	1.0	0.4	0.6
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.4	0.1	0.2
Water Tower:	0.3	0.2	0.4
Wilson:	1.0	0.4	0.9