

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_048
Date: 18-Apr-19
Blast Time: 11:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 300 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: NE
Temperature: 1.1 °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:	57.2 LAeq	101.3 dB
Edwards:	49.5 LAeq	104.2 dB
Fred:	44.1 LAeq	102.3 dB
Hollinger Office:	58.2 LAeq	108.5 dB
Noah:	63.3 LAeq	108.9 dB
Sandy:	45.3 LAeq	110.8 dB
Water Tower:	51.4 LAeq	111.5 dB
Wilson:	49.5 LAeq	110.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.3	4.4	4.2	4.4
Edwards:	2.0	2.9	4.3	5.0
Hollinger Office:	6.4	7.5	2.3	2.7
Sandy:	2.9	4.3	2.5	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:	0.7	0.8
Edwards:	2.2	3.4
Hollinger Office:	4.5	12.3
Sandy:	8.7	40.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.3	0.3	0.2
Imerys:	0.6	0.2	0.5
Noah:	0.6	0.7	0.9
Moneta Pumping Station:	1.3	0.6	1.2
Sandy:	1.1	1.0	1.1
Water Tower:	0.2	0.2	0.2
Wilson:	1.5	1.0	1.0
