

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_010a, 3346_167
Date: 26-Apr-19
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 9 km/hr
Wind Direction: NE
Temperature: 5.4 °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:	57.9 LAeq	100.8 dB
Edwards:	50.9 LAeq	98.5 dB
Fred:	44.9 LAeq	89.4 dB
Hollinger Office:	58.6 LAeq	99.1 dB
Noah:	64.8 LAeq	100.8 dB
Sandy:	48.2 LAeq	96.5 dB
Water Tower:	52.6 LAeq	101.7 dB
Wilson:	50.2 LAeq	103.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.3	13.6	12.3	12.8
Edwards:	8.9	9.4	17.1	19.2
Hollinger Office:	21.0	22.8	15.0	17.1
Sandy:	14.4	15.4	11.9	12.6

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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:	1.8	1.9
Edwards:	4.3	5.6
Hollinger Office:	5.6	7.4
Sandy:	12.0	24.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.8	0.4	0.6
Noah:	0.5	0.4	0.8
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.7	0.4	0.5
Wilson:	0.5	0.5	0.5
