

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_046/049 3346_147PS (B/C)
Date: 16-Apr-19
Blast Time: 11:41
Blast Sign Activation: 9:05
Website Notification Time: 8:44

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4 km/hr
Wind Direction: E
Temperature: 5.6 °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:	52.9 LAeq	110.8 dB
Edwards:	49.5 LAeq	100.8 dB
Fred:	39.9 LAeq	89.5 dB
Hollinger Office:	55.5 LAeq	108.5 dB
Noah:	59.6 LAeq	108.0 dB
Sandy:	40.6 LAeq	109.0 dB
Water Tower:	46.1 LAeq	115.8 dB
Wilson:	43.9 LAeq	110.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	7.2	4.3	5.6
Edwards:	14.0	20.2	17.0	26.4
Hollinger Office:	10.0	16.3	14.9	22.8
Sandy:	21.3	77.7	27.4	115.3

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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:	1.9	3.3
Edwards:	2.3	3.0
Hollinger Office:	4.0	6.2
Sandy:	10.5	22.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	0.7	1.1
Edwards:	0.8	0.8	0.4
Hollinger Office:	0.3	0.6	1.1
Hollinger West:	1.2	0.9	1.3
Imerys:	0.6	0.5	1.3
Noah:	1.1	0.9	1.9
Moneta Pumping Station:	0.7	0.3	0.7
Sandy:	1.3	0.8	1.2
Water Tower:	0.9	1.1	1.3
Wilson:	4.9	3.1	3.2
