

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3350.5_003
Date: 8-Apr-19
Blast Time: 11:51
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: E
Temperature: 8.4 °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:	53.4 LAeq	104.2 dB
Edwards:	44.6 LAeq	107.6 dB
Fred:	43.6 LAeq	109.3 dB
Hollinger Office:	53.7 LAeq	113.0 dB
Noah:	59.4 LAeq	100.0 dB
Sandy:	41.2 LAeq	100.0 dB
Water Tower:	45.3 LAeq	107.6 dB
Wilson:	47.0 LAeq	98.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	9.3	3.7	6.0
Edwards:	3.2	4.2	6.5	9.9
Hollinger Office:	8.1	13.4	9.8	18.4
Sandy:	3.8	6.4	7.3	19.0

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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:	0.5	0.6
Edwards:	0.5	0.9
Hollinger Office:	1.6	2.6
Sandy:	3.8	24.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	12.2	2.3	8.6
Hollinger West:	2.0	1.7	2.4
Imerys:	1.0	0.9	0.8
Noah:	0.8	0.9	1.8
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.7	0.3	0.5
Wilson:	0.3	0.2	0.3