

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_164, 3334_071, Millerton Outcrop
Date: 18-May-19
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: E
Temperature: 10 °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:	52.1 LAeq	108.2 dB
Edwards:	48.7 LAeq	105.2 dB
Fred:	40.5 LAeq	101.8 dB
Hollinger Office:	55.5 LAeq	109.7 dB
Noah:	58.9 LAeq	106.1 dB
Sandy:	39.7 LAeq	103.9 dB
Water Tower:	49.6 LAeq	109.0 dB
Wilson:	45.5 LAeq	104.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.8	7.1	3.7	4.1
Edwards:	2.8	3.2	1.0	1.8
Hollinger Office:	1.2	3.0	5.2	7.8
Sandy:	3.1	8.1	34.9	38.6

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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:	0.2	0.3
Edwards:	0.3	0.5
Hollinger Office:	1.2	5.0
Sandy:	3.2	25.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.4	0.8
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	2.8	1.6	2.4
Imerys:	0.5	0.2	0.4
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.5	0.5	0.5
Sandy:	1.4	0.7	1.3
Water Tower:	0.9	0.7	0.9
Wilson:	2.4	2.4	3.4