

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: Millerton Outcrops 3334
Date: 19-May-19
Blast Time: 15:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 31 km/hr
Wind Direction: E
Temperature: 7.7 °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:	55.0 LAeq	108.6 dB
Edwards:	48.0 LAeq	110.1 dB
Fred:	44.2 LAeq	106.2 dB
Hollinger Office:	56.3 LAeq	112.5 dB
Noah:	60.1 LAeq	114.3 dB
Sandy:	44.8 LAeq	112.4 dB
Water Tower:	52.5 LAeq	115.4 dB
Wilson:	52.5 LAeq	117.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	6.9	5.4	6.5
Edwards:	3.0	3.9	2.9	7.3
Hollinger Office:	5.1	6.0	5.0	7.0
Sandy:	2.6	3.9	35.9	37.9

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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:	0.3	0.5
Edwards:	0.6	0.9
Hollinger Office:	0.7	0.8
Sandy:	8.1	32.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.3	0.1	0.3
Imerys:	0.1	0.1	0.1
Noah:	0.3	0.4	0.2
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.3	0.3	0.3
Water Tower:	0.1	0.1	0.1
Wilson:	0.7	0.4	0.6