

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_059
Date: 12-May-19
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 18000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 12.3 °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:	51.8 LAeq	100.3 dB
Edwards:	43.7 LAeq	103.3 dB
Fred:	40.3 LAeq	103.9 dB
Hollinger Office:	56.6 LAeq	103.8 dB
Noah:	60.9 LAeq	105.6 dB
Sandy:	44.8 LAeq	108.9 dB
Water Tower:	48.3 LAeq	112.4 dB
Wilson:	48.0 LAeq	106.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.0	10.2	6.4	10.1
Edwards:	5.4	5.6	4.8	5.9
Hollinger Office:	4.5	12.0	11.7	27.5
Sandy:	5.1	7.6		

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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:	1.1	3.3
Edwards:	0.7	2.0
Hollinger Office:	8.4	14.8
Sandy:	0.9	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	5.6	2.3	3.5
Imerys:	0.6	0.6	0.8
Noah:	0.5	0.5	0.8
Moneta Pumping Station:	0.7	0.6	0.7
Sandy:	1.8	0.9	1.5
Water Tower:	1.3	0.8	1.3
Wilson:	3.3	2.6	4.5