

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_076
Date: 27-May-19
Blast Time: 11:45
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: 7 km/hr
Wind Direction: N
Temperature: 9.3 °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:	55.6 LAeq	99.7 dB
Edwards:	51.3 LAeq	95.5 dB
Fred:	42.2 LAeq	98.0 dB
Hollinger Office:	56.5 LAeq	98.5 dB
Noah:	58.8 LAeq	102.9 dB
Sandy:	41.5 LAeq	108.2 dB
Water Tower:	46.2 LAeq	108.9 dB
Wilson:	48.4 LAeq	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	8.1	0.7	1.4
Edwards:	7.2	8.9	4.4	7.9
Hollinger Office:	10.4	27.5	11.0	22.2
Sandy:	11.1	47.1	10.0	68.6

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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:	0.3	0.4
Edwards:	0.6	1.0
Hollinger Office:	2.7	6.1
Sandy:	1.9	4.8

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:	0.1	0.0	0.1
Hollinger Office:	0.5	0.3	0.3
Hollinger West:	3.5	1.7	3.2
Imerys:	1.3	1.4	1.5
Noah:	1.5	1.0	1.1
Moneta Pumping Station:	0.5	0.5	0.5
Sandy:	0.8	0.3	1.5
Water Tower:	3.1	2.4	3.5
Wilson:	1.9	1.4	1.6