

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_165
Date: 28-May-19
Blast Time: 11:46
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: 6 km/hr
Wind Direction: S
Temperature: 16.3 °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:	54.0 LAeq	106.0 dB
Edwards:	45.7 LAeq	100.0 dB
Fred:	43.6 LAeq	96.6 dB
Hollinger Office:	54.2 LAeq	110.8 dB
Noah:	59.5 LAeq	104.4 dB
Sandy:	44.2 LAeq	103.4 dB
Water Tower:	46.1 LAeq	108.0 dB
Wilson:	46.0 LAeq	100.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.2	9.4	2.7	4.8
Edwards:	8.0	9.2	7.4	15.9
Hollinger Office:	7.2	21.0	8.1	20.4
Sandy:	6.4	8.3	6.1	15.4

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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:	0.8	1.8
Edwards:	0.8	2.3
Hollinger Office:	2.9	6.1
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.7	0.8
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.5	0.4	0.5
Hollinger West:	0.2	0.4	0.3
Imerys:	0.4	0.2	0.6
Noah:	0.8	0.5	0.6
Moneta Pumping Station:	0.2	0.1	0.5
Sandy:	0.2	0.1	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	0.7	0.3	0.6