

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_009, 3346_162
Date: 11-Jan-19
Blast Time: 11:36
Blast Sign Activation: 8:17
Website Notification Time: 8:06

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: -20 °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:	51.0 LAeq	104.7 dB
Edwards:	47.8 LAeq	100.6 dB
Fred:	38.0 LAeq	95.1 dB
Hollinger Office:	54.6 LAeq	109.7 dB
Noah:	57.2 LAeq	104.5 dB
Sandy:	40.8 LAeq	108.3 dB
Water Tower:	44.0 LAeq	119.0 dB
Wilson:	48.5 LAeq	102.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.2	19.6	11.5	18.8
Edwards:	29.6	61.1	50.3	106.3
Hollinger Office:	6.3	7.3	6.8	7.9
Sandy:	1.9	2.7	3.5	4.1

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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:	9.0	14.1
Edwards:	13.4	31.8
Hollinger Office:	11.3	20.6
Sandy:	3.9	5.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.9	1.0	0.8
Imerys:	0.6	0.7	0.8
Noah:	0.8	0.7	1.0
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.5	0.4	0.5
Water Tower:	1.5	1.3	0.9
Wilson:	3.1	1.0	1.6