

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_054
Date: 15-Nov-18
Blast Time: 11:46
Blast Sign Activation: 7:53
Website Notification Time: 7:43

Blast Conditions

Ceiling Height: 1800 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 30 km/hr
Wind Direction: S
Temperature: -3.3 °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:	55.2 LAeq	113.5 dB
Edwards:	49.9 LAeq	109.8 dB
Fred:	49.1 LAeq	118.4 dB
Hollinger Office:	61.4 LAeq	126.2 dB
Noah:	70.0 LAeq	116.2 dB
Sandy:	51.7 LAeq	112.5 dB
Water Tower:	60.3 LAeq	117.6 dB
Wilson:	55.8 LAeq	114.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.3	10.1	9.1	17.0
Edwards:	4.6	8.2	6.7	10.3
Hollinger Office:	32.0	81.1	33.2	97.6
Sandy:	1.4	2.6	4.5	5.1

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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:	3.4	4.0
Edwards:	1.1	1.9
Hollinger Office:	9.9	51.7
Sandy:	3.1	4.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.9
Hollinger West:	1.7	2.2	1.9
Imerys:	0.6	0.6	0.7
Noah:	1.6	2.1	1.4
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.7	0.4	0.6
Water Tower:	0.4	0.3	0.4
Wilson:	0.9	0.8	1.0