

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3355_007 pre shear, 3352_157
Date: 15-Dec-18
Blast Time: 11:44
Blast Sign Activation: 7:45
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 1900 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4 km/hr
Wind Direction: NW
Temperature: 0 °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:	51.1 LAeq	114.3 dB
Edwards:	42.8 LAeq	112.9 dB
Fred:	37.8 LAeq	101.3 dB
Hollinger Office:	53.3 LAeq	121.1 dB
Noah:	62.5 LAeq	114.0 dB
Sandy:	43.7 LAeq	113.4 dB
Water Tower:	46.4 LAeq	120.8 dB
Wilson:	44.1 LAeq	108.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	3.3	4.7	5.3
Edwards:	3.4	6.0	5.8	11.4
Hollinger Office:	4.5	4.9	4.4	5.3
Sandy:	1.3	1.6	2.5	2.9

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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:	2.4	5.4
Edwards:	11.8	30.0
Hollinger Office:	2.3	3.7
Sandy:	1.3	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.7	1.1	2.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.2	0.5
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.3	0.2	0.4
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.5