

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_079
Date: 19-Dec-18
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1100 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: -0.4 °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:	56.7 LAeq	105.8 dB
Edwards:	46.0 LAeq	95.1 dB
Fred:	43.7 LAeq	90.4 dB
Hollinger Office:	52.6 LAeq	111.0 dB
Noah:	60.4 LAeq	103.9 dB
Sandy:	47.7 LAeq	101.8 dB
Water Tower:	48.9 LAeq	112.0 dB
Wilson:	49.0 LAeq	98.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	31.0	31.9	24.7	25.8
Edwards:	14.5	16.6	49.4	51.0
Hollinger Office:	21.8	22.9	50.0	52.3
Sandy:	22.1	23.7	39.8	43.4

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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:	4.4	6.5
Edwards:	5.2	9.5
Hollinger Office:	8.0	11.3
Sandy:	6.4	11.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.5	0.9
Hollinger West:	0.2	0.2	0.1
Imerys:	0.5	0.6	0.8
Noah:	0.5	0.4	0.7
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.5	0.3	0.6
Water Tower:	0.3	0.2	0.4
Wilson:	1.2	0.8	1.6