

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_036
Date: 31-Aug-18
Blast Time: 11:40
Blast Sign Activation: 7:28
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 3200 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 24 km/hr
Wind Direction: S
Temperature: 17.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	57.4 LAeq	111.1 dB
Edwards:	54.8 LAeq	110.8 dB
Fred:	50.1 LAeq	117.8 dB
Hollinger Office:	58.6 LAeq	123.1 dB
Noah:	60.6 LAeq	114.8 dB
Sandy:	55.0 LAeq	113.3 dB
Water Tower:	61.9 LAeq	120.2 dB
Wilson:	56.2 LAeq	116.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.7	10.8	4.8	8.4
Edwards:	5.6	6.4	13.4	15.0
Hollinger Office:	23.0	33.2	26.2	46.5
Sandy:	8.9	12.5	11.5	17.7

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.8	1.2
Edwards:	1.0	1.9
Hollinger Office:	3.9	5.4
Sandy:	0.7	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.3	0.4	0.3
Hollinger West:	0.3	0.3	0.2
Imerys:	0.7	0.6	0.4
Noah:	0.8	0.7	0.4
Moneta Pumping Station:	0.6	0.6	0.4
Sandy:	0.9	0.7	1.1
Water Tower:	0.7	0.5	0.4
Wilson:	1.7	1.9	1.4