

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_037
Date: 5-Sep-18
Blast Time: 15:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 9 km/hr
Wind Direction: N
Temperature: 18.3 °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:	57.2 LAeq	102.8 dB
Edwards:	53.7 LAeq	93.7 dB
Fred:	44.0 LAeq	89.8 dB
Hollinger Office:	60.0 LAeq	106.5 dB
Noah:	63.1 LAeq	111.0 dB
Sandy:	42.2 LAeq	107.2 dB
Water Tower:	49.6 LAeq	108.1 dB
Wilson:	51.7 LAeq	101.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.2	1.6	20.1	22.2
Edwards:	2.5	2.8	9.1	10.5
Hollinger Office:	13.8	17.4	8.4	10.0
Sandy:	3.8	6.5	6.3	14.8

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.8	0.9
Edwards:	1.2	2.2
Hollinger Office:	9.8	40.2
Sandy:	4.3	6.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.5	0.2
Hollinger West:	0.3	0.3	0.2
Imerys:	0.6	0.7	0.4
Noah:	0.6	0.5	0.3
Moneta Pumping Station:	0.4	0.5	0.3
Sandy:	0.5	0.5	0.5
Water Tower:	1.1	0.9	0.7
Wilson:	0.9	1.0	1.0