

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_253
Date: 5-Aug-18
Blast Time: 15:38
Blast Sign Activation: 7:30
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 19000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 19 km/hr
Wind Direction: SW
Temperature: 17.1 °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:	55.5 LAeq	116.7 dB
Edwards:	51.6 LAeq	113.4 dB
Fred:	46.3 LAeq	109.6 dB
Hollinger Office:	54.6 LAeq	120.6 dB
Noah:	60.8 LAeq	110.3 dB
Sandy:	54.3 LAeq	110.7 dB
Water Tower:	51.8 LAeq	119.8 dB
Wilson:	52.3 LAeq	110.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.0	27.8	38.8	53.3
Edwards:	19.1	22.7	49.5	68.9
Hollinger Office:	25.5	28.6	43.2	56.9
Sandy:	23.8	27.9	24.7	26.4

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	1.7	2.0
Edwards:	3.4	8.0
Hollinger Office:	4.6	7.6
Sandy:	0.9	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	8.7	2.7	6.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.8	0.7	1.2
Noah:	1.7	0.5	1.0
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.8	0.3	0.4
Wilson:	0.6	0.3	0.6