

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_063
Date: 10-Aug-17
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3657 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: 17.8 °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:	53.3 LAeq	100.6 dB
Edwards:	45.5 LAeq	94.6 dB
Fred:	44.5 LAeq	91.2 dB
Hollinger Office:	56.8 LAeq	98.4 dB
Noah:	60.1 LAeq	103.0 dB
Sandy:	49.6 LAeq	104.1 dB
Water Tower:	54.3 LAeq	111.0 dB
Wilson:	50.8 LAeq	106.6 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	8.1	15.2	16.3
Edwards:	4.1	4.5	15.1	15.9
Hollinger Office:	11.5	13.7	19.0	23.5
Sandy:	6.8	9.2	15.5	22.4

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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:	1.4	3.0
Edwards:	2.6	3.8
Hollinger Office:	7.0	15.8
Sandy:	2.1	2.9

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:	0.3	0.3	0.3
Hollinger West:	1.7	1.6	1.7
Imerys:	1.6	0.9	0.8
Noah:	1.1	0.9	1.3
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.5	0.3	0.5
Water Tower:	2.1	1.6	2.1
Wilson:	2.9	1.6	1.9