

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_053
Date: 5-Jul-17
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1800 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 9.3 km/hr
Wind Direction: SSW
Temperature: 20.7 °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:	54.2 LAeq	101.4 dB
Edwards:	49.7 LAeq	102.5 dB
Fred:	48.2 LAeq	105.6 dB
Hollinger Office:	58.3 LAeq	106.7 dB
Noah:	61.4 LAeq	106.3 dB
Sandy:	49.9 LAeq	109.5 dB
Water Tower:	54.5 LAeq	116.7 dB
Wilson:	50.7 LAeq	108.0 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.3	8.3	16.6	20.1
Edwards:	10.7	13.2	21.8	38.4
Hollinger Office:	28.3	101.5	60.1	300.6
Sandy:	13.2	31.7	18.9	53.3

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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:	0.0	0.0
Edwards:	2.0	4.7
Hollinger Office:	3.2	9.1
Sandy:	0.8	1.3

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:	0.2	0.1	0.3
Hollinger West:	1.5	1.1	1.7
Imerys:	0.5	0.6	0.5
Noah:	0.3	0.7	0.5
Moneta Pumping Station:	0.6	0.5	0.5
Sandy:	1.2	1.2	1.8
Water Tower:	0.7	0.2	0.3
Wilson:	3.2	2.3	3.9