

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_013
Date: 23-Jul-18
Blast Time: 15:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: E
Temperature: 24.6 °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:	55.0 LAeq	96.9 dB
Edwards:	47.8 LAeq	98.7 dB
Fred:	45.2 LAeq	98.8 dB
Hollinger Office:	55.3 LAeq	104.3 dB
Noah:	62.0 LAeq	103.6 dB
Sandy:	56.1 LAeq	103.0 dB
Water Tower:	48.7 LAeq	111.8 dB
Wilson:	51.9 LAeq	102.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	9.3	38.2	40.9
Edwards:	5.6	6.2	16.8	18.2
Hollinger Office:	19.8	30.4	26.1	63.6
Sandy:	11.6	26.3	20.5	37.4

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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:	1.1	1.3
Edwards:	0.9	1.4
Hollinger Office:	4.5	19.2
Sandy:	1.0	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.4	0.5
Hollinger West:	0.6	0.4	0.8
Imerys:	1.2	2.1	1.7
Noah:	1.6	0.9	1.1
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	0.8	0.5	0.6
Water Tower:	4.8	2.1	5.4
Wilson:	1.6	2.2	1.6