

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_179
Date: 18-Jan-18
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 900 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: E
Temperature: -9.4 °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:	53.8 LAeq	109.2 dB
Edwards:	47.0 LAeq	96.3 dB
Fred:	41.9 LAeq	87.2 dB
Hollinger Office:	60.7 LAeq	109.9 dB
Noah:	61.0 LAeq	103.7 dB
Sandy:	40.2 LAeq	104.1 dB
Water Tower:	45.4 LAeq	108.6 dB
Wilson:	59.9 LAeq	107.0 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	6.9	5.3	6.4
Edwards:	8.1	17.5	10.1	23.5
Hollinger Office:	9.2	9.5	13.1	15.1
Sandy:	7.3	8.7	9.7	10.7

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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:	3.2	4.2
Edwards:	6.1	10.1
Hollinger Office:	60.6	92.3
Sandy:	10.8	17.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.7	0.9
Edwards:	0.4	0.4	0.3
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.1	0.2	0.1
Imerys:	0.4	0.2	0.2
Noah:	0.7	0.4	0.5
Moneta Pumping Station:	0.2	0.2	0.4
Sandy:	0.2	0.2	0.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.4	0.3	0.4