

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_124
Date: 7-Mar-18
Blast Time: 15:36
Blast Sign Activation: 7:52
Website Notification Time: 7:38

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: -0.5 °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:	55.1 LAeq	98.1 dB
Edwards:	47.9 LAeq	92.9 dB
Fred:	43.8 LAeq	95.2 dB
Hollinger Office:	55.6 LAeq	106.8 dB
Noah:	61.8 LAeq	100.0 dB
Sandy:	38.7 LAeq	105.5 dB
Water Tower:	48.1 LAeq	112.1 dB
Wilson:	61.6 LAeq	112.4 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:	9.0	9.2	6.3	6.6
Edwards:	4.7	5.2	12.5	14.2
Hollinger Office:	7.0	8.1	13.1	14.8
Sandy:	9.4	12.3	10.0	15.7

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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:	1.5	1.8
Edwards:	6.6	9.1
Hollinger Office:	5.3	6.6
Sandy:	16.9	52.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	1.3	1.3
Hollinger West:	0.2	0.2	0.2
Imerys:	1.0	1.5	1.4
Noah:	1.3	1.2	0.9
Moneta Pumping Station:	0.1	0.2	0.2
Sandy:	0.4	0.2	0.3
Water Tower:	0.7	0.6	0.5
Wilson:	0.6	0.6	0.6