

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_002
Date: 22-Feb-17
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 11:35 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 2.5 km/hr
Wind Direction: SW
Temperature: 4.9 °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:	54.7 LAeq	99.8 dB
Edwards:	50.1 LAeq	95.3 dB
Fred:	45.4 LAeq	90.3 dB
Hollinger Office:	59.0 LAeq	105.8 dB
Noah:	61.2 LAeq	99.9 dB
Sandy:	53.2 LAeq	112.5 dB
Water Tower:	47.3 LAeq	106.1 dB
Wilson:	51.6 LAeq	95.9 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:	6.2	6.7	6.3	7.0
Edwards:	4.6	5.3	8.2	12.3
Hollinger Office:	14.6	24.0	17.1	37.9
Hollinger Park:	4.8	6.9	5.8	10.6
Sandy:	3.9	4.5	5.3	7.0

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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:	6.1	11.9
Edwards:	5.5	15.0
Hollinger Office:	23.8	37.6
Hollinger Park:	4.3	14.8
Sandy:	8.9	14.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.2	0.3	0.2
Noah:	0.5	0.2	0.5
Moneta Pumping Station:	1.7	1.0	1.6
Sandy:	1.2	1.4	1.1
Water Tower:	0.2	0.3	0.3
Wilson:	1.0	0.7	1.0