

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_094
Date: 27-Feb-17
Blast Time: 11:36
Blast Sign Activation: 7:45
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 7620 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4.2 km/hr
Wind Direction: W
Temperature: -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:	52.3 LAeq	107.1 dB
Edwards:	54.4 LAeq	110.2 dB
Fred:	41.4 LAeq	103.7 dB
Hollinger Office:	62.6 LAeq	105.6 dB
Noah:	59.6 LAeq	105.6 dB
Sandy:	47.3 LAeq	107.8 dB
Water Tower:	48.7 LAeq	111.1 dB
Wilson:	61.3 LAeq	111.4 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:	5.1	5.5	2.2	3.0
Edwards:	4.2	6.3	8.3	18.3
Hollinger Office:	18.9	29.3	18.4	35.7
Hollinger Park:	3.0	3.2	4.2	4.5
Sandy:	1.8	2.6	3.4	4.6

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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:	4.1	4.9
Edwards:	5.6	10.0
Hollinger Office:	10.9	17.0
Hollinger Park:	5.7	8.3
Sandy:	1.8	2.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	1.3	0.9	1.2
Sandy:	1.8	1.3	1.1
Water Tower:	0.2	0.2	0.2
Wilson:	0.9	0.6	0.6