

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_209/210
Date: 3-Jan-17
Blast Time: 11:39
Blast Sign Activation: 7:45
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 6.5 km/hr
Wind Direction: W
Temperature: -8.1 °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:	52.7 LAeq	98.0 dB
Edwards:	51.1 LAeq	103.9 dB
Fred:	42.4 LAeq	93.7 dB
Hollinger Office:	70.8 LAeq	103.9 dB
Noah:	58.8 LAeq	100.3 dB
Sandy:	47.6 LAeq	107.5 dB
Water Tower:	47.7 LAeq	119.3 dB
Wilson:	60.3 LAeq	112.0 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:	7.0	7.7	5.6	6.0
Edwards:	2.1	2.3	10.7	11.9
Hollinger Office:	5.8	6.1	3.0	4.4
Hollinger Park:	5.3	5.7	10.6	12.9
Sandy:	12.0	28.8	11.8	36.8

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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:	0.9	1.7
Edwards:	3.2	4.7
Hollinger Office:	6.1	6.8
Hollinger Park:	5.8	8.7
Sandy:	23.5	38.3

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:	0.2	0.2	0.2
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.5	0.5	0.4
Noah:	0.9	0.5	0.8
Moneta Pumping Station:	1.7	1.5	1.6
Sandy:	1.8	2.2	2.1
Water Tower:	1.0	0.8	1.1
Wilson:	1.1	0.7	1.1