

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_075
Date: 23-Feb-17
Blast Time: 11:32
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 11:32 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 18 km/hr
Wind Direction: NW
Temperature: -3.1 °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:	56.3 LAeq	109.8 dB
Edwards:	50.7 LAeq	107.1 dB
Fred:	47.7 LAeq	110.3 dB
Hollinger Office:	56.2 LAeq	111.3 dB
Noah:	62.0 LAeq	111.9 dB
Sandy:	47.8 LAeq	111.2 dB
Water Tower:	54.5 LAeq	119.5 dB
Wilson:	51.6 LAeq	116.6 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	6.9	3.2	4.5
Edwards:	0.8	1.2	7.4	10.1
Hollinger Office:	3.2	4.4	6.4	10.1
Hollinger Park:	2.8	4.2	5.9	10.8
Sandy:	5.5	7.8	12.2	20.5

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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:	3.7	4.6
Edwards:	1.3	1.7
Hollinger Office:	4.7	13.5
Hollinger Park:	4.6	7.3
Sandy:	10.8	42.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.3	0.2	0.4
Imerys:	0.3	0.4	0.4
Noah:	0.5	0.3	0.7
Moneta Pumping Station:	0.8	0.6	0.8
Sandy:	1.3	1.3	2.0
Water Tower:	0.4	0.4	0.3
Wilson:	1.6	1.2	1.5