

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_026
Date: 19-Nov-16
Blast Time: 11:36
Blast Sign Activation: 7:48
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 609 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 9.5 km/hr
Wind Direction: S
Temperature: 3.9 °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:	56.6 LAeq	102.7 dB
Edwards:	63.8 LAeq	95.2 dB
Fred:	45.1 LAeq	103.3 dB
Hollinger Office:	58.2 LAeq	106.2 dB
Noah:	62.2 LAeq	101.1 dB
Sandy:	65.1 LAeq	112.1 dB
Water Tower:	54.5 LAeq	108.3 dB
Wilson:	45.6 LAeq	103.0 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:	4.2	4.6	10.6	11.1
Edwards:	5.4	6.0	9.8	12.0
Hollinger Office:	11.3	13.3	13.7	16.0
Hollinger Park:	3.0	4.8	10.1	13.5
Sandy:	8.8	27.7	12.1	44.4

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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:	0.6	1.9
Edwards:	1.0	2.0
Hollinger Office:	2.7	3.9
Hollinger Park:	4.3	9.2
Sandy:	6.4	38.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.5	0.1	0.3
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.4	0.3
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	1.3	0.7	0.9
Sandy:	0.8	1.4	1.4
Water Tower:	0.2	0.1	0.1
Wilson:	1.0	0.8	0.9