

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_054
Date: 17-Jan-17
Blast Time: 13:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5486 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 6 km/hr
Wind Direction: SE
Temperature: -0.2 °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:	51.3 LAeq	95.3 dB
Edwards:	50.9 LAeq	96.5 dB
Fred:	44.0 LAeq	92.1 dB
Hollinger Office:	59.5 LAeq	104.9 dB
Noah:	66.1 LAeq	100.6 dB
Sandy:	51.1 LAeq	108.9 dB
Water Tower:	55.2 LAeq	111.4 dB
Wilson:	54.3 LAeq	105.2 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:	9.5	10.9	9.4	10.4
Edwards:	4.2	4.7	14.8	16.7
Hollinger Office:	7.9	14.4	38.0	171.5
Hollinger Park:	10.3	11.2	17.1	19.8
Sandy:	6.5	8.0	10.6	13.5

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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:	2.6	3.5
Edwards:	3.7	4.9
Hollinger Office:	13.3	36.1
Hollinger Park:	9.3	12.5
Sandy:	3.8	5.0

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:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.4	0.3	0.8
Imerys:	0.5	0.6	0.5
Noah:	0.7	0.3	0.5
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	1.5	1.4	1.3
Water Tower:	0.7	0.6	0.5
Wilson:	1.5	1.0	1.6