

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_Toe
Date: 25-Nov-16
Blast Time: 11:37
Blast Sign Activation: 8:30
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 3048 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 2.5 km/hr
Wind Direction: NW
Temperature: -1.8 °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:	53.6 LAeq	95.1 dB
Edwards:	50.7 LAeq	91.0 dB
Fred:	39.2 LAeq	83.0 dB
Hollinger Office:	59.5 LAeq	100.6 dB
Noah:	62.2 LAeq	98.1 dB
Sandy:	47.3 LAeq	92.0 dB
Water Tower:	47.5 LAeq	97.1 dB
Wilson:	43.7 LAeq	91.2 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	11.7	11.8	14.5
Edwards:	4.0	5.0	17.1	20.4
Hollinger Office:	5.3	6.3	16.1	18.1
Hollinger Park:	11.4	13.1	21.3	25.0
Sandy:	15.7	19.3	16.6	18.9

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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:	16.0	23.2
Edwards:	15.4	16.9
Hollinger Office:	17.4	20.8
Hollinger Park:	19.4	30.9
Sandy:	28.6	36.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.1	0.1	0.0
Imerys:	0.2	0.1	0.1
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.1	0.1	0.0
Sandy:	0.0	0.4	0.0
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.2	0.3