

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_040/3373_040
Date: 2-Feb-16
Blast Time: 11:41
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 671 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 1.9 km/hr
Wind Direction: NE
Temperature: -9.6 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	49.5 LAeq	104.1 dB
Edwards:	44.4 LAeq	102.0 dB
Fred:	39.9 LAeq	95.4 dB
Hollinger Office:	57.3 LAeq	111.5 dB
Noah:	57.1 LAeq	105.3 dB
Sandy:	49.3 LAeq	107.0 dB
Water Tower:	44.1 LAeq	111.4 dB
Wilson:	54.8 LAeq	102.2 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:	8.2	10.8	6.9	10.4
Edwards:	4.3	5.3	14.4	20.7
Hollinger Office:	4.5	8.2	9.5	27.1
Hollinger Park:	2.5	2.6	5.4	7.2
Sandy:	2.8	3.9	5.2	10.4

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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:	15.7	26.6
Edwards:	32.6	55.9
Hollinger Office:	14.9	58.1
Hollinger Park:	6.5	11.4
Sandy:	6.2	12.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.3	0.5	0.5
Hollinger West:	1.7	0.2	0.2
Imerys:	0.3	0.3	0.4
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.4	0.4
Water Tower:	0.3	0.2	0.3
Wilson:	0.8	0.4	0.7