

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_034/Frost Hole
Date: 11-Jan-16
Blast Time: 13:36
Blast Sign Activation: 8:00
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: none m
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: -16.6 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	48.9 LAeq	106.8 dB
Edwards:	51.1 LAeq	106.8 dB
Fred:	41.5 LAeq	107.0 dB
Hollinger Office:	LAeq	dB
Noah:	56.3 LAeq	104.0 dB
Sandy:	50.9 LAeq	103.9 dB
Water Tower:	46.8 LAeq	114.4 dB
Wilson:	46.5 LAeq	106.5 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:	2.9	3.2	1.6	2.0
Edwards:	11.6	18.3	5.1	11.2
Hollinger Office:	36.8	55.1	21.4	41.3
Hollinger Park:	16.1	19.2	0.9	2.6
Sandy:	8.0	9.7	0.7	1.0

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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:	2.7	5.0
Edwards:	13.5	22.0
Hollinger Office:	14.1	17.8
Hollinger Park:	6.4	10.3
Sandy:	1.7	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.3	0.1
Hollinger West:	1.6	0.1	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.2	0.4
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.9	0.6	0.5
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.2	0.6