

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_053
Date: 1-Feb-16
Blast Time: 13:33
Blast Sign Activation: 11:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: Unlimited m
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 4 km/hr
Wind Direction: SE
Temperature: -11.8 °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:	50.3 LAeq	98.2 dB
Edwards:	55.8 LAeq	96.3 dB
Fred:	40.4 LAeq	98.2 dB
Hollinger Office:	57.5 LAeq	105.6 dB
Noah:	58.4 LAeq	100.6 dB
Sandy:	51.9 LAeq	101.8 dB
Water Tower:	46.7 LAeq	107.2 dB
Wilson:	54.9 LAeq	101.2 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:	5.7	7.3	5.2	6.3
Edwards:	1.8	2.1	7.3	9.4
Hollinger Office:	2.5	3.4	6.7	13.0
Hollinger Park:	2.6	3.2	5.1	6.1
Sandy:	2.0	2.2	4.5	5.5

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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:	1.8	3.5
Edwards:	2.9	4.5
Hollinger Office:	8.6	13.1
Hollinger Park:	4.7	9.1
Sandy:	2.0	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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