

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_050
Date: 14-Feb-16
Blast Time: 11:35
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 9400 m
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: -20.4 °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	98.1 dB
Edwards:	46.0 LAeq	98.6 dB
Fred:	37.4 LAeq	98.8 dB
Hollinger Office:	58.7 LAeq	105.0 dB
Noah:	56.3 LAeq	100.7 dB
Sandy:	58.4 LAeq	102.2 dB
Water Tower:	43.0 LAeq	111.0 dB
Wilson:	54.6 LAeq	97.8 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:	4.6	5.6	0.9	3.3
Edwards:	1.2	2.0	4.6	9.2
Hollinger Office:	2.2	3.1	3.0	6.0
Hollinger Park:	1.5	1.7	2.6	5.8
Sandy:	1.1	1.2	2.7	3.2

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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:	0.3	0.7
Edwards:	10.0	12.7
Hollinger Office:	1.2	1.7
Hollinger Park:	2.5	6.6
Sandy:	0.8	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.3	0.4	0.3
Hollinger West:	1.7	0.1	0.2
Imerys:	0.4	0.4	0.6
Noah:	0.4	0.4	1.0
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.4	0.4	0.4
Water Tower:	0.3	0.3	0.4
Wilson:	0.6	0.6	0.7