

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_107 & 3370_TOE
Date: 20-Mar-16
Blast Time: 11:37
Blast Sign Activation: 7:30
Website Notification Time: n/a

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: -1.2 °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:	51.0 LAeq	102.4 dB
Edwards:	48.2 LAeq	97.4 dB
Fred:	42.6 LAeq	103.7 dB
Hollinger Office:	60.6 LAeq	105.5 dB
Noah:	58.1 LAeq	98.7 dB
Sandy:	56.1 LAeq	116.9 dB
Water Tower:	45.1 LAeq	107.6 dB
Wilson:	43.0 LAeq	102.7 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:	10.2	20.2	12.2	22.7
Edwards:	31.8	85.4	42.1	133.6
Hollinger Office:	18.3	32.5	13.2	24.2
Hollinger Park:	12.4	25.9	42.1	93.3
Sandy:	2.9	4.8	8.9	20.7

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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:	1.0	3.2
Edwards:	9.5	16.3
Hollinger Office:	3.4	8.7
Hollinger Park:	1.7	3.7
Sandy:	0.8	1.0

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:	0.2	0.2	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	2.2	0.4	0.8
Imerys:	0.2	0.3	0.2
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	3.9	3.8	4.1
Sandy:	2.8	3.9	1.9
Water Tower:	0.3	0.4	0.3
Wilson:	0.9	0.9	0.8