

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_110
Date: 15-Feb-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 941 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: S
Temperature: -11.2 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.3 LAeq	112.4 dB
Edwards:	45.9 LAeq	110.1 dB
Fred:	45.9 LAeq	108.1 dB
Hollinger Office:	61.3 LAeq	115.6 dB
Noah:	58.8 LAeq	115.7 dB
Sandy:	59.4 LAeq	120.9 dB
Water Tower:	50.4 LAeq	116.7 dB
Wilson:	56.9 LAeq	106.9 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.4	10.3	3.8	6.3
Edwards:	2.6	4.0	5.8	7.4
Hollinger Office:	25.6	41.1	23.9	49.1
Hollinger Park:	2.0	2.4	5.2	10.4
Sandy:	2.2	3.0	4.9	7.1

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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:	4.5	15.0
Edwards:	1.9	2.6
Hollinger Office:	11.5	32.4
Hollinger Park:	1.2	1.5
Sandy:	3.4	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.3	0.1
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	2.1	0.1	0.0
Imerys:	0.2	0.3	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	1.6	1.1	1.0
Sandy:	1.1	1.3	1.0
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.8	1.0