

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_133/135
Date: 14-Mar-16
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: n/a m
Boundary Layer Height: 925 m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 15 km/hr
Wind Direction: E
Temperature: 0.7 °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:	55.1 LAeq	103.6 dB
Edwards:	47.5 LAeq	99.6 dB
Fred:	45.5 LAeq	98.6 dB
Hollinger Office:	65.1 LAeq	109.4 dB
Noah:	59.6 LAeq	103.2 dB
Sandy:	56.6 LAeq	100.6 dB
Water Tower:	50.0 LAeq	105.0 dB
Wilson:	50.4 LAeq	98.5 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:	7.8	8.5	3.9	5.0
Edwards:	15.1	15.5	7.1	8.2
Hollinger Office:	20.9	21.3	7.4	10.5
Hollinger Park:	16.8	20.8	13.4	20.3
Sandy:	6.5	9.7	6.0	13.5

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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:	3.7	5.3
Edwards:	3.8	5.5
Hollinger Office:	6.9	10.7
Hollinger Park:	14.5	26.7
Sandy:	5.8	20.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.6
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.9	0.5	0.6
Hollinger West:	1.6	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.8	0.2	0.6
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.3	0.3
Water Tower:	0.1	0.1	0.2
Wilson:	0.6	0.2	0.5