

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_056
Date: 28-Feb-16
Blast Time: 13:37
Blast Sign Activation: 11:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: E
Temperature: -16.5 °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:	50.9 LAeq	99.2 dB
Edwards:	44.0 LAeq	101.5 dB
Fred:	42.4 LAeq	103.5 dB
Hollinger Office:	53.2 LAeq	105.2 dB
Noah:	58.4 LAeq	104.1 dB
Sandy:	49.9 LAeq	104.6 dB
Water Tower:	53.5 LAeq	112.8 dB
Wilson:	54.3 LAeq	99.6 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:	6.1	7.3	4.2	5.6
Edwards:	4.3	4.9	8.9	12.0
Hollinger Office:	10.1	14.0	12.0	20.6
Hollinger Park:	14.1	20.5	16.3	37.7
Sandy:	9.0	12.4	12.4	23.4

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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:	0.7	1.1
Edwards:	1.9	2.3
Hollinger Office:	5.5	6.3
Hollinger Park:	4.3	6.6
Sandy:	12.2	25.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.4	0.5	0.4
Hollinger West:	1.7	0.2	0.2
Imerys:	0.5	0.4	0.9
Noah:	1.0	0.4	1.3
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.5	0.5	0.6
Water Tower:	0.4	0.5	0.5
Wilson:	0.9	0.7	0.7