

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_061
Date: 2-Dec-15
Blast Time: 13:39
Blast Sign Activation: 8:00
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 152 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: SW
Temperature: 1.9 °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:	55.2 LAeq	106.9 dB
Edwards:	57.1 LAeq	101.1 dB
Fred:	47.7 LAeq	93.9 dB
Hollinger Office:	57.1 LAeq	102.1 dB
Noah:	60.5 LAeq	99.0 dB
Sandy:	54.6 LAeq	107.9 dB
Water Tower:	49.0 LAeq	105.5 dB
Wilson:	50.8 LAeq	98.4 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:	5.7	6.6	4.8	5.8
Edwards:	6.3	13.7	13.4	33.4
Hollinger Office:	18.9	26.0	28.3	38.8
Hollinger Park:	3.7	4.0	9.5	11.2
Sandy:	1.8	2.0	3.3	4.4

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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:	11.1	13.8
Edwards:	59.0	435.3
Hollinger Office:	12.9	24.7
Hollinger Park:	7.3	11.7
Sandy:	2.8	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.6
Edwards:	0.2	0.3	0.3
Hollinger Office:	0.4	0.4	0.5
Hollinger West:	1.7	0.1	0.4
Imerys:	0.4	0.2	0.5
Noah:	0.6	0.3	0.6
Moneta Pumping Station:	0.9	0.4	0.8
Sandy:	3.1	3.1	4.3
Water Tower:	0.4	0.2	0.7
Wilson:	2.0	0.7	1.1