

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_084 & 3364_059A
Date: 6-Dec-15
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 11:00

Blast Conditions

Ceiling Height: 1665 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 10 km/hr
Wind Direction: S
Temperature: 2.9 °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:	53.9 LAeq	113.1 dB
Edwards:	54.8 LAeq	103.2 dB
Fred:	45.6 LAeq	104.8 dB
Hollinger Office:	53.3 LAeq	107.4 dB
Noah:	59.8 LAeq	104.5 dB
Sandy:	58.2 LAeq	108.4 dB
Water Tower:	61.6 LAeq	107.6 dB
Wilson:	49.6 LAeq	102.0 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:	13.0	13.7	12.3	13.2
Edwards:	7.7	8.6	19.4	20.4
Hollinger Office:	16.5	18.3	23.4	27.8
Hollinger Park:	8.7	9.4	17.4	18.5
Sandy:	10.3	13.1	17.2	23.1

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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:	2.5	4.6
Edwards:	10.8	14.3
Hollinger Office:	6.2	13.6
Hollinger Park:	1.8	2.2
Sandy:	1.9	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.5	0.4
Edwards:	0.5	0.5	0.4
Hollinger Office:	0.4	0.2	0.2
Hollinger West:	1.7	0.2	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.2	0.8
Moneta Pumping Station:	1.3	0.4	0.8
Sandy:	1.8	2.8	2.7
Water Tower:	0.3	0.2	0.4
Wilson:	1.0	0.4	0.8