

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_021 & 3364_059A
Date: 6-Dec-15
Blast Time: 13:47
Blast Sign Activation: 8:00
Website Notification Time: 13:00

Blast Conditions

Ceiling Height: 800 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 3.8 °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:	55.5 LAeq	108.6 dB
Edwards:	55.4 LAeq	106.6 dB
Fred:	47.8 LAeq	107.6 dB
Hollinger Office:	60.8 LAeq	108.4 dB
Noah:	60.7 LAeq	107.3 dB
Sandy:	60.4 LAeq	105.1 dB
Water Tower:	49.9 LAeq	113.7 dB
Wilson:	49.7 LAeq	104.6 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.0	15.8	15.4	17.3
Edwards:	8.2	8.8	24.2	27.0
Hollinger Office:	17.8	19.9	30.7	36.8
Hollinger Park:	8.9	9.4	24.1	26.8
Sandy:	9.0	11.8	17.8	22.1

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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:	3.4	5.9
Edwards:	10.0	29.4
Hollinger Office:	7.8	11.3
Hollinger Park:	2.6	4.3
Sandy:	2.6	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.9	0.5
Edwards:	0.3	0.4	0.4
Hollinger Office:	0.7	0.2	0.4
Hollinger West:	1.7	0.1	0.3
Imerys:	0.3	0.2	0.2
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	2.0	2.1	1.3
Water Tower:	0.4	0.1	0.4
Wilson:	0.7	0.5	0.8