

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_127/100B
Date: 27-Oct-15
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: unlimited m
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 5 km/hr
Wind Direction: SW
Temperature: 6.8 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.8 LAeq	102.5 dB
Edwards:	52.3 LAeq	97.0 dB
Fred:	44.9 LAeq	91.3 dB
Hollinger Office:	61.9 LAeq	112.2 dB
Noah:	60.9 LAeq	104.0 dB
Sandy:	66.0 LAeq	108.9 dB
Water Tower:	62.8 LAeq	113.4 dB
Wilson:	51.4 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:	3.7	4.1	10.1	10.9
Edwards:	3.6	5.1	15.8	18.8
Hollinger Office:	9.0	22.5	11.2	36.6
Hollinger Park:	3.7	5.6	15.9	30.7
Sandy:	2.3	3.0	6.1	11.4

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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:	1.3	3.8
Edwards:	2.1	3.4
Hollinger Office:	31.3	55.3
Hollinger Park:	2.1	3.1
Sandy:	1.0	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.4	0.3	0.2
Hollinger Office:	1.8	0.7	2.3
Hollinger West:	0.1	0.1	0.2
Imerys:	1.4	1.7	2
Noah:	0.8	0.6	1
Moneta Pumping Station:	0.7	0.4	0.8
Sandy:	1.5	1.1	1.5
Water Tower:	1.7	0.8	1.6
Wilson:	0.4	0.4	0.4