

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_066
Date: 20-Apr-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 16 °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:	56.5 LAeq	104.4 dB
Edwards:	52.2 LAeq	103.4 dB
Fred:	43.7 LAeq	105.1 dB
Hollinger Office:	65.3 LAeq	112.5 dB
Noah:	62.1 LAeq	105.2 dB
Sandy:	65.0 LAeq	102.5 dB
Water Tower:	60.4 LAeq	110.4 dB
Wilson:	49.5 LAeq	103.8 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:	11.5	11.8	5.6	6.3
Edwards:	3.8	4.2	7.7	9.2
Hollinger Office:	12.1	17.5	14.3	23.4
Hollinger Park:	20.0	28.2	27.8	60.3
Sandy:	9.3	14.1	20.8	33.8

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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:	0.9	2.4
Edwards:	2.1	3.5
Hollinger Office:	4.4	8.7
Hollinger Park:	0.8	1.6
Sandy:	2.3	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.2	0.2	0.1
Hollinger Office:	1.1	0.5	1.3
Hollinger West:	0.1	0.1	0.3
Imerys:	0.7	0.9	0.7
Noah:	0.9	0.5	0.9
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.3	0.4	0.4
Water Tower:	0.5	0.3	0.5
Wilson:	0.9	0.4	0.6