

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_052
Date: 9-Jan-16
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 641 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: SE
Temperature: -1.4 °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:	51.5 LAeq	99.8 dB
Edwards:	46.3 LAeq	97.0 dB
Fred:	40.9 LAeq	91.9 dB
Hollinger Office:	54.2 LAeq	105.3 dB
Noah:	60.1 LAeq	102.1 dB
Sandy:	59.8 LAeq	106.2 dB
Water Tower:	58.8 LAeq	111.5 dB
Wilson:	46.0 LAeq	100.1 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:	16.2	16.7	15.5	15.9
Edwards:	7.9	8.5	23.5	26.4
Hollinger Office:	11.6	14.8	22.4	30.5
Hollinger Park:	7.4	7.9	20.5	22.0
Sandy:	6.9	7.1	14.8	15.6

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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:	6.0	7.9
Edwards:	4.7	5.5
Hollinger Office:	29.3	57.1
Hollinger Park:	3.2	3.9
Sandy:	5.7	7.1

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	0.3	0.2
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	1.7	0.2	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	0.5	0.2	0.5
Sandy:	2.1	1.7	1.5
Water Tower:	0.3	0.2	0.3
Wilson:	1.1	0.4	1.2