

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_163
Date: 19-Oct-16
Blast Time: 11:48
Blast Sign Activation: 7:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: SSW
Temperature: 9.6 °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:	55.3 LAeq	104.3 dB
Edwards:	65.0 LAeq	100.5 dB
Fred:	43.7 LAeq	96.1 dB
Hollinger Office:	59.4 LAeq	110.3 dB
Noah:	61.3 LAeq	102.7 dB
Sandy:	52.3 LAeq	104.6 dB
Water Tower:	61.8 LAeq	111.5 dB
Wilson:	52.6 LAeq	95.0 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:	5.9	6.2	9.3	9.7
Edwards:	8.3	8.7	12.4	18.1
Hollinger Office:	13.2	25.6	15.6	25.8
Hollinger Park:	16.5	23.2	32.4	40.9
Sandy:	4.8	6.3	9.8	11.6

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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:	1.0	3.0
Edwards:	5.5	15.7
Hollinger Office:	2.6	5.1
Hollinger Park:	4.1	6.5
Sandy:	2.4	12.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.4	1.2	3.3
Hollinger West:	0.3	0.1	0.2
Imerys:	2.4	2.6	3.4
Noah:	2.0	2.0	1.8
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.5	0.2
Water Tower:	4.3	1.2	1.8
Wilson:	1.2	0.5	0.9