

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_158
Date: 14-Sep-16
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 1127 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 3.6 km/hr
Wind Direction: E
Temperature: 11.9 °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	120.3 dB
Edwards:	52.1 LAeq	113.8 dB
Fred:	42.6 LAeq	105.0 dB
Hollinger Office:	LAeq	dB
Noah:	61.2 LAeq	115.8 dB
Sandy:	53.4 LAeq	118.0 dB
Water Tower:	52.6 LAeq	121.8 dB
Wilson:	52.4 LAeq	114.2 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:	1.1	1.8	0.0	0.0
Edwards:	3.9	6.4	5.3	9.9
Hollinger Office:	12.0	33.8	12.1	22.7
Hollinger Park:	11.9	18.7	16.8	29.8
Sandy:	3.2	3.8	3.1	4.8

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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:	0.6	1.2
Edwards:	0.6	2.6
Hollinger Office:	1.4	2.4
Hollinger Park:	3.1	7.3
Sandy:	0.7	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.9
Edwards:	0.4	0.4	0.2
Hollinger Office:	0.9	0.4	0.7
Hollinger West:	0.4	0.2	0.3
Imerys:	0.8	0.8	0.9
Noah:	1.3	0.8	0.9
Moneta Pumping Station:	0.7	0.3	0.6
Sandy:	0.5	0.9	0.7
Water Tower:	0.5	0.4	0.9
Wilson:	1.6	0.8	0.8