

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_112
Date: 8-Jul-16
Blast Time: 15:54
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 213 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: 19.7 °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:	57.0 LAeq	96.5 dB
Edwards:	53.6 LAeq	89.4 dB
Fred:	45.9 LAeq	86.8 dB
Hollinger Office:	62.3 LAeq	104.9 dB
Noah:	61.4 LAeq	101.4 dB
Sandy:	57.6 LAeq	107.2 dB
Water Tower:	51.4 LAeq	112.1 dB
Wilson:	53.5 LAeq	101.9 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:	4.7	4.9	15.1	16.8
Edwards:	4.5	5.1	16.1	18.5
Hollinger Office:	6.4	7.1	11.8	13.9
Hollinger Park:	32.3	64.6	45.0	91.5
Sandy:	6.0	7.4	14.3	16.3

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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:	0.4	1.3
Edwards:	0.5	0.8
Hollinger Office:	2.9	3.8
Hollinger Park:	3.2	5.0
Sandy:	15.5	26.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.7	0.4	2.2
Hollinger West:	0.6	0.2	0.4
Imerys:	2.0	1.5	1.8
Noah:	0.9	0.8	2.1
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	0.5	0.5	0.6
Water Tower:	2.3	1.2	3.5
Wilson:	1.2	1.4	1.1