

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_030
Date: 21-Jun-15
Blast Time: 15:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 500 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: 15.2 °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:	54.9 LAeq	107.2 dB
Edwards:	50.1 LAeq	105.3 dB
Fred:	48.3 LAeq	99.9 dB
Hollinger Office:	62.0 LAeq	118.8 dB
Noah:	64.0 LAeq	110.6 dB
Sandy:	61.5 LAeq	107.4 dB
Water Tower:	48.8 LAeq	117.1 dB
Wilson:	51.0 LAeq	107.5 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:	5.2	7.5	12.7	15.8
Edwards:	5.5	6.3	10.5	11.9
Hollinger Office:	7.7	9.1	9.7	12.4
Hollinger Park:	6.9	9.3	14.8	21.4
Sandy:	7.4	16.4	20.4	36.9

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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	1.4
Edwards:	0.7	1.0
Hollinger Office:	2.0	3.0
Hollinger Park:	2.4	3.6
Sandy:	1.2	2.3

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	0.2	0.1
Hollinger Office:	0.7	0.4	0.7
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.3	1.1
Noah:	2.4	1.8	2
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	1.7	1.3	1.3
Water Tower:	0.0	0.0	0.0
Wilson:	0.5	0.4	0.5