

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_038
Date: 18-Jul-15
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 430 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: 20.4 °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:	53.5 LAeq	100.8 dB
Edwards:	55.0 LAeq	98.0 dB
Fred:	47.7 LAeq	93.2 dB
Hollinger Office:	58.4 LAeq	107.5 dB
Noah:	58.8 LAeq	103.6 dB
Sandy:	61.9 LAeq	106.4 dB
Water Tower:	48.3 LAeq	115.1 dB
Wilson:	48.0 LAeq	100.9 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:	8.6	9.2	16.5	23.0
Edwards:	6.6	7.6	20.8	25.0
Hollinger Office:	25.5	40.2	45.9	81.1
Hollinger Park:	10.6	11.8	23.5	27.5
Sandy:	4.3	5.0	22.6	28.1

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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:	1.6	2.9
Edwards:	13.8	22.7
Hollinger Office:	10.0	14.5
Hollinger Park:	1.5	2.6
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	0.5	1.3
Hollinger West:	0.3	0.2	0.2
Imerys:	0.7	0.6	0.8
Noah:	0.8	0.5	1.1
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	3.9	1.7	3.0
Water Tower:	1.3	0.8	0.8
Wilson:	1.0	1.4	1.0