

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_027
Date: 5-Jun-15
Blast Time: 11:37
Blast Sign Activation: 7:00
Website Notification Time: 6:45

Blast Conditions

Ceiling Height: 335 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: N
Temperature: 8.1 °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:	59.5 LAeq	106.1 dB
Edwards:	56.9 LAeq	102.8 dB
Fred:	50.4 LAeq	110.7 dB
Hollinger Office:	61.9 LAeq	114.0 dB
Noah:	63.0 LAeq	105.9 dB
Sandy:	54.3 LAeq	106.0 dB
Water Tower:	55.8 LAeq	114.8 dB
Wilson:	53.1 LAeq	107.1 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.0	9.8	18.1	18.7
Edwards:	8.8	10.1	15.8	21.2
Hollinger Office:	13.9	19.5	14.7	28.3
Hollinger Park:	15.1	20.4	33.8	276.7
Sandy:	23.6	35.6	31.1	50.1

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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:	0.4	0.6
Edwards:	1.4	2.1
Hollinger Office:	3.7	7.5
Hollinger Park:	2.1	4.5
Sandy:	11.1	43.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.9	0.3	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.4	0.5
Noah:	0.6	0.6	0.9
Moneta Pumping Station:	0.2	0.3	0.4
Sandy:	1.6	1.1	1.2
Water Tower:	0.8	0.2	0.6
Wilson:	0.5	0.3	0.4