

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_061
Date: 08-Oct-15
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4176 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: S
Temperature: 7.5 °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:	55.7 LAeq	100.3 dB
Edwards:	56.4 LAeq	102.8 dB
Fred:	45.6 LAeq	106.2 dB
Hollinger Office:	68.2 LAeq	106.4 dB
Noah:	60.8 LAeq	102.4 dB
Sandy:	57.9 LAeq	108.4 dB
Water Tower:	52.7 LAeq	103.4 dB
Wilson:	55.9 LAeq	101.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	4.4	8.8	11.1
Edwards:	5.8	11.3	4.2	22.8
Hollinger Office:	17.5	65.7	17.3	57.5
Hollinger Park:	6.9	9.4	10.0	19.2
Sandy:	7.6	11.9	7.3	21.0

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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:	1.7	6.0
Edwards:	0.6	1.4
Hollinger Office:	17.2	45.7
Hollinger Park:	5.3	19.4
Sandy:	1.7	3.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.1
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.2	0.2	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	3.6	2.4	2
Sandy:	7.0	5.7	6.9
Water Tower:	2.6	2.2	2.6
Wilson:	0.8	0.9	0.7