

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_055
Date: 19-Jan-17
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 300 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 18 km/hr
Wind Direction: S
Temperature: 0.2 °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:	50.5 LAeq	98.3 dB
Edwards:	53.5 LAeq	95.4 dB
Fred:	44.6 LAeq	95.9 dB
Hollinger Office:	58.5 LAeq	103.5 dB
Noah:	60.9 LAeq	103.2 dB
Sandy:	49.4 LAeq	107.2 dB
Water Tower:	54.2 LAeq	115.0 dB
Wilson:	50.4 LAeq	102.4 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.5	10.8	5.9	7.1
Edwards:	5.5	5.9	11.8	12.5
Hollinger Office:	11.0	15.6	14.0	28.0
Hollinger Park:	6.7	7.0	9.8	10.4
Sandy:	6.0	6.2	7.5	7.8

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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:	8.0	19.3
Edwards:	1.7	3.6
Hollinger Office:	7.4	21.8
Hollinger Park:	2.4	3.1
Sandy:	3.9	7.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.2
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.3	0.4	0.4
Hollinger West:	0.7	0.4	0.6
Imerys:	0.6	0.3	0.6
Noah:	0.8	0.6	0.7
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	1.7	1.3	1.6
Water Tower:	1.0	1.1	0.8
Wilson:	1.4	0.7	1.3