

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_122
Date: 25-Sep-17
Blast Time: 11:41
Blast Sign Activation: 8:44
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 27.3 °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:	56.5 LAeq	107.9 dB
Edwards:	52.3 LAeq	103.4 dB
Fred:	47.5 LAeq	109.6 dB
Hollinger Office:	55.4 LAeq	113.6 dB
Noah:	61.0 LAeq	109.2 dB
Sandy:	49.9 LAeq	109.1 dB
Water Tower:	50.6 LAeq	113.2 dB
Wilson:	51.1 LAeq	105.3 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:	15.9	16.6	34.7	36.5
Edwards:	13.6	15.9	44.7	51.1
Hollinger Office:	23.4	28.9	46.7	63.5
Sandy:	13.0	27.3	54.4	105.9

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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:	0.3	1.1
Edwards:	3.1	5.3
Hollinger Office:	5.0	10.8
Sandy:	1.3	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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