

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_083
Date: 13-Sep-17
Blast Time: 11:44
Blast Sign Activation: 8:10
Website Notification Time: 7:53

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 9.9 km/hr
Wind Direction: NE
Temperature: 23.6 °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:	54.4 LAeq	103.5 dB
Edwards:	50.4 LAeq	100.7 dB
Fred:	45.4 LAeq	105.3 dB
Hollinger Office:	58.4 LAeq	106.8 dB
Noah:	62.3 LAeq	106.2 dB
Sandy:	47.4 LAeq	109.2 dB
Water Tower:	49.4 LAeq	109.1 dB
Wilson:	50.1 LAeq	102.9 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:	8.5	9.9	13.1	16.7
Edwards:	27.8	75.7	47.3	104.7
Hollinger Office:	49.8	111.4	56.1	136.4
Sandy:	10.9	21.5	20.2	34.9

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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:	4.9	11.2
Edwards:	14.1	23.8
Hollinger Office:	9.6	18.6
Sandy:	0.8	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	0.3	0.2	0.3
Imerys:	0.7	0.6	0.6
Noah:	0.8	0.4	0.7
Moneta Pumping Station:	0.6	0.4	0.9
Sandy:	0.5	0.5	0.6
Water Tower:	1.0	1.2	1.8
Wilson:	1.3	1.0	1.3