

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_006
Date: 15-Sep-17
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3982 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 4 km/hr
Wind Direction: W
Temperature: 20.3 °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:	55.4 LAeq	104.5 dB
Edwards:	50.9 LAeq	106.4 dB
Fred:	47.6 LAeq	100.6 dB
Hollinger Office:	55.9 LAeq	118.3 dB
Noah:	61.6 LAeq	109.5 dB
Sandy:	46.8 LAeq	118.9 dB
Water Tower:	50.5 LAeq	117.4 dB
Wilson:	48.8 LAeq	108.5 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:	12.7	15.6	23.2	25.1
Edwards:	17.2	28.6	37.3	72.7
Hollinger Office:	73.1	112.0	92.0	149.7
Sandy:	13.4	16.5	23.8	27.1

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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:	0.1	0.7
Edwards:	9.7	25.7
Hollinger Office:	9.4	14.5
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.5	0.3	0.4
Imerys:	0.3	0.3	0.4
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	3.2	1.7	2.7
Sandy:	1.7	1.7	1.9
Water Tower:	0.5	0.3	0.7
Wilson:	2.5	1.1	1.4