

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_051
Date: 9-Oct-17
Blast Time: 15:37
Blast Sign Activation: 8:00
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 9000 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: N
Temperature: 17.4 °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:	53.5 LAeq	101.1 dB
Edwards:	50.6 LAeq	99.2 dB
Fred:	43.6 LAeq	94.6 dB
Hollinger Office:	55.9 LAeq	105.1 dB
Noah:	60.8 LAeq	102.5 dB
Sandy:	44.4 LAeq	109.7 dB
Water Tower:	49.6 LAeq	110.4 dB
Wilson:	49.8 LAeq	105.9 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:	7.4	8.1	14.4	16.1
Edwards:	10.7	12.6	17.6	22.1
Hollinger Office:	15.8	28.1	20.9	39.2
Sandy:	18.5	66.9	16.1	62.4

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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:	0.6	1.8
Edwards:	2.7	5.0
Hollinger Office:	2.2	7.3
Sandy:	2.0	6.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	2.0	1.6	2.1
Imerys:	2.4	1.6	2.6
Noah:	1.4	1.4	1.5
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.5	0.3	0.5
Water Tower:	3.8	2.5	4.4
Wilson:	2.6	1.7	2.1