

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_053
Date: 17-Oct-17
Blast Time: 11:39
Blast Sign Activation: 9:00
Website Notification Time: 8:53

Blast Conditions

Ceiling Height: 20000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13.2 km/hr
Wind Direction: W
Temperature: 13.3 °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:	57.4 LAeq	113.6 dB
Edwards:	54.1 LAeq	114.4 dB
Fred:	49.9 LAeq	110.9 dB
Hollinger Office:	58.6 LAeq	110.7 dB
Noah:	62.6 LAeq	110.8 dB
Sandy:	49.9 LAeq	112.8 dB
Water Tower:	54.2 LAeq	121.3 dB
Wilson:	52.1 LAeq	113.2 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded at 24hrs.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.2	7.4	8.0
Edwards:	5.3	5.8	11.5	13.3
Hollinger Office:	62.7	81.8	65.2	108.1
Sandy:	6.0	7.2	9.2	11.8

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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:	1.4	2.3
Edwards:	3.6	7.7
Hollinger Office:	12.0	14.4
Sandy:	1.6	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.3	1.2	1.5
Hollinger West:	3.6	2.1	3.9
Imerys:	3.3	2.3	3.3
Noah:	3.0	3.4	3.6
Moneta Pumping Station:	0.4	0.4	0.6
Sandy:	0.5	0.6	0.6
Water Tower:	6.7	4.9	8.8
Wilson:	3.6	4.4	4.2