

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_018
Date: 30-Jun-17
Blast Time: 15:42
Blast Sign Activation: 7:37
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 121 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 12 km/hr
Wind Direction: E
Temperature: 18.2 °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:	55.6 LAeq	96.7 dB
Edwards:	54.2 LAeq	94.7 dB
Fred:	45.0 LAeq	88.2 dB
Hollinger Office:	57.9 LAeq	104.8 dB
Noah:	61.6 LAeq	103.5 dB
Sandy:	44.1 LAeq	113.1 dB
Water Tower:	55.1 LAeq	105.6 dB
Wilson:	51.4 LAeq	101.7 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:	3.7	3.8	22.8	23.7
Edwards:	2.2	2.4	7.6	8.6
Hollinger Office:	2.3	2.5	10.2	15.0
Sandy:	8.1	25.5	8.2	20.7

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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:	0.0	0.0
Edwards:	1.6	2.1
Hollinger Office:	2.5	4.3
Sandy:	14.8	53.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	0.4	0.3	0.4
Imerys:	0.3	0.3	0.3
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	6.1	2.2	5.6
Sandy:	1.7	1.5	2.3
Water Tower:	0.7	0.3	0.7
Wilson:	1.1	0.7	0.9