

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_128/129
Date: 26-Sep-15
Blast Time: 15:33
Blast Sign Activation: 0:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1533 m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7.4 km/hr
Wind Direction: NE
Temperature: 21.1 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.5 LAeq	122.8 dB
Edwards:	49.6 LAeq	118.5 dB
Fred:	45.4 LAeq	110.7 dB
Hollinger Office:	64.3 LAeq	118.4 dB
Noah:	60.6 LAeq	111.0 dB
Sandy:	55.8 LAeq	112.8 dB
Water Tower:	48.7 LAeq	113.3 dB
Wilson:	49.2 LAeq	104.7 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:	7.1	7.8	9.7	10.8
Edwards:	3.7	4.3	10.1	11.1
Hollinger Office:	16.2	40.5	15.2	42.1
Hollinger Park:	4.7	5.3	10.6	12.6
Sandy:	4.2	5.0	8.5	12.8

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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:	2.3	7.9
Edwards:	1.1	2.5
Hollinger Office:	4.1	8.8
Hollinger Park:	1.0	3.8
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.8	1.2
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.2	0.2	0.5
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	1.3	1.2	1.4
Water Tower:	0.4	0.2	0.4
Wilson:	0.6	0.4	0.4