

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_098/3382_133Shear
Date: 17-Nov-15
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: SE
Temperature: 3.7 °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:	54.9 LAeq	113.9 dB
Edwards:	51.0 LAeq	108.2 dB
Fred:	46.5 LAeq	104.4 dB
Hollinger Office:	63.5 LAeq	119.2 dB
Noah:	60.4 LAeq	115.8 dB
Sandy:	61.1 LAeq	114.7 dB
Water Tower:	52.6 LAeq	116.7 dB
Wilson:	51.8 LAeq	113.5 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:	4.4	7.0	5.6	8.5
Edwards:	7.7	9.4	9.6	14.3
Hollinger Office:	18.6	58.6	17.5	54.1
Hollinger Park:	4.3	5.3	10.4	14.9
Sandy:	2.1	2.7	4.1	5.0

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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:	2.1	14.9
Edwards:	0.9	2.1
Hollinger Office:	10.0	26.6
Hollinger Park:	2.7	3.5
Sandy:	1.8	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards:	0.4	0.9	0.5
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	1.5	0.2	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.2	0.5
Moneta Pumping Station:	1.8	1.1	1.2
Sandy:	2.8	2.5	4.1
Water Tower:	0.3	0.1	0.3
Wilson:	0.5	0.4	0.8