

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_170/3370_155
Date: 14-Nov-16
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 548 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: 5.2 °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:	57.8 LAeq	103.4 dB
Edwards:	53.6 LAeq	99.7 dB
Fred:	44.5 LAeq	93.7 dB
Hollinger Office:	56.3 LAeq	116.5 dB
Noah:	61.2 LAeq	107.5 dB
Sandy:	53.2 LAeq	110.5 dB
Water Tower:	57.5 LAeq	123.8 dB
Wilson:	52.1 LAeq	106.0 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:	2.2	2.6	7.1	7.6
Edwards:	9.6	15.1	14.7	24.6
Hollinger Office:	8.2	11.9	13.8	20.9
Hollinger Park:	2.1	3.4	8.3	10.3
Sandy:	2.4	8.7	4.3	10.2

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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:	0.2	0.9
Edwards:	2.5	3.5
Hollinger Office:	7.7	15.5
Hollinger Park:	3.0	4.3
Sandy:	6.5	17.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	4.3	3.6	9.9
Hollinger West:	1.2	0.6	0.8
Imerys:	3.0	4.9	3.6
Noah:	2.3	2.0	2.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.5	0.3
Water Tower:	8.9	8.0	10.7
Wilson:	1.2	0.8	1.1