

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_Toe B&D
Date: 28-Nov-16
Blast Time: 11:33
Blast Sign Activation: 7:40
Website Notification Time: 7:17

Blast Conditions

Ceiling Height: 914 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 16.7 km/hr
Wind Direction: NW
Temperature: 0.1 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.0 LAeq	111.2 dB
Edwards:	52.1 LAeq	108.8 dB
Fred:	45.3 LAeq	106.9 dB
Hollinger Office:	66.8 LAeq	117.9 dB
Noah:	59.6 LAeq	109.3 dB
Sandy:	48.8 LAeq	108.1 dB
Water Tower:	52.9 LAeq	113.3 dB
Wilson:	53.0 LAeq	111.8 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:	4.9	5.7	3.9	5.1
Edwards:	4.7	5.3	6.0	10.1
Hollinger Office:	5.0	6.3	10.6	12.8
Hollinger Park:	10.9	19.2	14.6	27.7
Sandy:	3.0	3.9	6.8	9.4

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.4	1.5
Edwards:	0.4	1.6
Hollinger Office:	3.4	4.5
Hollinger Park:	6.8	21.0
Sandy:	0.8	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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