

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_061B & 3370_TOE
Date: 19-Mar-16
Blast Time: 11:38
Blast Sign Activation: 7:30
Website Notification Time: n/a

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 5.7 km/hr
Wind Direction: NE
Temperature: -9.1 °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:	51.9 LAeq	103.1 dB
Edwards:	50.5 LAeq	93.8 dB
Fred:	38.0 LAeq	92.8 dB
Hollinger Office:	60.6 LAeq	107.5 dB
Noah:	58.9 LAeq	100.4 dB
Sandy:	56.2 LAeq	102.9 dB
Water Tower:	45.1 LAeq	105.3 dB
Wilson:	47.3 LAeq	97.7 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:	4.9	6.1	3.2	4.3
Edwards:	5.4	11.3	12.1	28.8
Hollinger Office:	13.2	18.4	17.6	28.6
Hollinger Park:	15.8	20.3	22.3	38.6
Sandy:	11.9	17.0	15.9	23.8

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.6	1.2
Edwards:	13.1	81.9
Hollinger Office:	2.8	6.4
Hollinger Park:	2.7	6.3
Sandy:	2.3	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	1.1	1.3
Edwards:	0.5	0.5	0.5
Hollinger Office:	0.3	0.4	0.3
Hollinger West:	1.7	0.1	0.3
Imerys:	0.3	0.2	0.2
Noah:	0.6	0.2	0.6
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.4	0.4	0.4
Water Tower:	0.2	0.2	0.2
Wilson:	0.6	0.6	0.7