

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_164
Date: 4-Nov-16
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 2.9 °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:	55.1 LAeq	103.0 dB
Edwards:	51.3 LAeq	100.7 dB
Fred:	45.6 LAeq	99.7 dB
Hollinger Office:	61.7 LAeq	112.8 dB
Noah:	62.3 LAeq	107.2 dB
Sandy:	49.9 LAeq	102.3 dB
Water Tower:	49.6 LAeq	113.6 dB
Wilson:	51.7 LAeq	96.8 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:	2.7	3.0	6.1	7.0
Edwards:	4.1	4.8	9.3	11.5
Hollinger Office:	7.0	11.1	9.8	16.8
Hollinger Park:	5.5	8.8	14.5	27.7
Sandy:	3.9	6.2	6.8	9.8

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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:	0.4	1.5
Edwards:	1.5	4.3
Hollinger Office:	5.4	17.7
Hollinger Park:	2.6	3.4
Sandy:	1.4	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	2.4	1.5	3.0
Hollinger West:	0.3	0.2	0.2
Imerys:	1.7	1.7	1.9
Noah:	2.0	1.4	2.2
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.5	0.3
Water Tower:	1.8	0.8	1.4
Wilson:	1.8	0.6	0.8