

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_009
Date: 11-May-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: 5 km/hr
Wind Direction: SW
Temperature: 19.1 °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:	56.0 LAeq	96.1 dB
Edwards:	50.9 LAeq	99.7 dB
Fred:	41.7 LAeq	96.1 dB
Hollinger Office:	58.7 LAeq	99.5 dB
Noah:	59.0 LAeq	99.8 dB
Sandy:	46.5 LAeq	112.9 dB
Water Tower:	58.0 LAeq	106.9 dB
Wilson:	49.9 LAeq	107.9 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:	11.7	12.5	5.0	7.5
Edwards:	11.6	14.4	7.9	12.7
Hollinger Office:	24.6	45.6	16.8	50.2
Hollinger Park:	13.0	28.9	14.5	33.6
Sandy:	5.9	8.1	7.7	21.6

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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:	1.2	2.1
Edwards:	1.2	1.8
Hollinger Office:	4.4	18.2
Hollinger Park:	0.1	0.4
Sandy:	0.7	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	2.5	0.8	1.9
Imerys:	0.4	0.4	0.5
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.6	0.6	0.6
Sandy:	1.7	1.3	1.2
Water Tower:	1.3	0.3	1.0
Wilson:	2.6	2.3	2.9