

Hollinger Public Blast Report

Blast Pattern: 3364_131
Date: 12-Sep-16
Blast Time: 15:30
Blast Sign Activation: 8:00
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 3658 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 17 km/hr
Wind Direction: SW
Temperature: 23.6 °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:	56.4 LAeq	106.2 dB
Edwards:	56.6 LAeq	115.0 dB
Fred:	50.8 LAeq	111.3 dB
Hollinger Office:	59.9 LAeq	113.9 dB
Noah:	61.0 LAeq	115.4 dB
Sandy:	55.6 LAeq	116.4 dB
Water Tower:	63.2 LAeq	120.8 dB
Wilson:	55.9 LAeq	113.4 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:	6.4	11.1	13.7	25.4
Edwards:	10.0	14.8	17.7	27.5
Hollinger Office:	24.7	42.3	25.3	53.0
Hollinger Park:	8.1	11.1	20.1	26.8
Sandy:	9.9	16.1	18.9	26.0

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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:	0.7	1.4
Edwards:	0.8	2.0
Hollinger Office:	6.0	15.0
Hollinger Park:	0.9	3.3
Sandy:	0.5	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.4	0.2	0.4
Imerys:	0.2	0.5	0.5
Noah:	0.3	0.2	0.2
Moneta Pumping Station:	4.7	3.9	4.4
Sandy:	0.9	1.3	1.0
Water Tower:	0.5	0.3	0.8
Wilson:	0.8	0.5	0.8