

Hollinger Public Blast Report

Blast Pattern: 3394_050 and Razor Back
Date: Nov 7, 2014
Blast Time: 11:44
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 810 m
 Boundary Layer Height: 900 m
 Cloud Cover: 75% (Cloudy)
 Wind Speed: 5 km/hr
 Wind Direction: N
 Temperature: -4.6 °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}
Comfort Inn:	55.6 L _{Aeq}	101.8 dB
Edwards:	54.2 L _{Aeq}	96.5 dB
Fred:	45.4 L _{Aeq}	95.6 dB
Hollinger Office:	59.4 L _{Aeq}	102.5 dB
Noah:	61.6 L _{Aeq}	101.5 dB
Sandy:	57.5 L _{Aeq}	102.0 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	49.9 L _{Aeq}	97.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	4.3	9.4	10.2
Edwards:	1.8	2.7	3.9	6.6
Hollinger Office:	3.2	4.9	4.4	6.8
Hollinger Park:	5.8	6.5	6.1	8.2
Sandy:	1.6	1.9	2.3	3.2

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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	0.9
Edwards:	1.5	2.5
Hollinger Office:	6.9	24.4
Hollinger Park:	4.2	6.2
Sandy:	2.1	4.8

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 Temp:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.5	0.1	0.3
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.1	0.2	0.2