

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_159
Date: 13-Sep-16
Blast Time: 11:30
Blast Sign Activation: 8:00
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 243 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 13 km/hr
Wind Direction: N
Temperature: 13.7 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	57.3 LAeq	101.8 dB
Edwards:	56.2 LAeq	104.0 dB
Fred:	46.4 LAeq	99.1 dB
Hollinger Office:	LAeq	dB
Noah:	61.3 LAeq	102.7 dB
Sandy:	54.2 LAeq	110.6 dB
Water Tower:	60.2 LAeq	119.2 dB
Wilson:	49.5 LAeq	104.5 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:	1.5	2.1	3.9	4.5
Edwards:	5.3	5.7	4.5	5.4
Hollinger Office:	6.3	7.0	8.0	11.0
Hollinger Park:	2.2	2.4	7.5	8.3
Sandy:	15.2	30.3	14.2	27.5

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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:	0.6	0.9
Edwards:	0.7	1.2
Hollinger Office:	7.4	11.2
Hollinger Park:	2.7	5.0
Sandy:	6.2	13.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.9	0.5	1.3
Hollinger West:	0.4	0.1	0.3
Imerys:	5.8	3.5	5.3
Noah:	1.6	1.5	1.5
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.5	0.3
Water Tower:	2.7	2.1	6.1
Wilson:	1.1	0.9	1.1