

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_043
Date: 11-Aug-15
Blast Time: 11:37
Blast Sign Activation: 7:45
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 183 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 11.5 km/hr
Wind Direction: N
Temperature: 16.8 °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:	57.1 LAeq	107.4 dB
Edwards:	52.3 LAeq	102.1 dB
Fred:	49.1 LAeq	104.8 dB
Hollinger Office:	60.1 LAeq	111.6 dB
Noah:	61.5 LAeq	108.9 dB
Sandy:	57.7 LAeq	121.6 dB
Water Tower:	55.5 LAeq	116.5 dB
Wilson:	51.2 LAeq	109.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: Malfunction in TSP unit at Edward Stations

(bugs have gotten caught inside sensor, repairs in progress on Edwards and Sandy)

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.1	3.3	1.7	2.4
Edwards:	1.6	2.2	306.3	310.2
Hollinger Office:	5.2	6.5	6.0	11.9
Hollinger Park:	4.7	8.5	7.9	20.7
Sandy:	13.4	55.7	225.5	419.3

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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:	0.7	1.4
Edwards:	0.7	1.3
Hollinger Office:	3.1	5.0
Hollinger Park:	3.3	5.3
Sandy:	28.2	72.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.4	0.2	0.4
Imerys:	0.4	0.5	0.8
Noah:	0.7	0.4	0.5
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	4.9	1.9	1.8
Water Tower:	2.3	0.6	2.3
Wilson:	0.8	0.7	0.8