

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_123/3376_037/038
Date: 24-Aug-15
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 900 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: SW
Temperature: 17.5 °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	58.5 dB
Edwards:	54.7 LAeq	53.3 dB
Fred:	50.3 LAeq	52.1 dB
Hollinger Office:	59.8 LAeq	61.2 dB
Noah:	61.8 LAeq	63.7 dB
Sandy:	54.0 LAeq	55.5 dB
Water Tower:	57.8 LAeq	60.8 dB
Wilson:	51.1 LAeq	53.4 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	7.2	5.4	24.7
Edwards:	4.8	14.9	9.3	35.2
Hollinger Office:	15.0	27.6	19.3	29.1
Hollinger Park:	7.4	11.0	10.9	18.1
Sandy:	3.5	4.7	6.6	9.3

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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:	0.6	1.2
Edwards:	8.9	19.7
Hollinger Office:	11.4	28.7
Hollinger Park:	2.5	3.8
Sandy:	0.9	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.7	0.6
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.6	0.2	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.5
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.6	0.2	0.4
Sandy:	1.2	1.1	0.9
Water Tower:	0.5	0.2	0.5
Wilson:	0.7	0.4	0.4