

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_051
Date: 1-Sep-15
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 466 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: 24.3 °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:	55.2 LAeq	113.1 dB
Edwards:	53.5 LAeq	108.0 dB
Fred:	45.9 LAeq	106.6 dB
Hollinger Office:	61.9 LAeq	117.6 dB
Noah:	61.6 LAeq	108.7 dB
Sandy:	53.7 LAeq	104.9 dB
Water Tower:	50.8 LAeq	112.4 dB
Wilson:	54.5 LAeq	105.5 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:	27.5	28.8	46.4	48.4
Edwards:	21.8	24.1	96.1	109.2
Hollinger Office:	27.3	30.5	79.3	93.1
Hollinger Park:	23.0	24.8	78.8	87.9
Sandy:	17.1	18.1	64.3	69.3

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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:	2.1	6.6
Edwards:	18.5	28.0
Hollinger Office:	10.3	23.1
Hollinger Park:	4.7	10.3
Sandy:	2.9	12.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0
Hollinger Office:	0.1	0.0	0.0
Hollinger West:	0.0	0.0	0.1
Imerys:	0.1	0.1	0.2
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.1	0.2	0.1
Water Tower:	0.0	0.1	0.1
Wilson:	0.1	0.1	0.1