

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_051
Date: 2-Sep-15
Blast Time: 11:53
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: n/a m
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 4 km/hr
Wind Direction: W
Temperature: 25 °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:	55.6 LAeq	106.2 dB
Edwards:	52.6 LAeq	102.9 dB
Fred:	42.1 LAeq	94.6 dB
Hollinger Office:	63.8 LAeq	109.7 dB
Noah:	62.3 LAeq	103.8 dB
Sandy:	53.2 LAeq	114.1 dB
Water Tower:	49.6 LAeq	111.4 dB
Wilson:	53.4 LAeq	106.5 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:	24.2	27.8	41.1	48.1
Edwards:	14.0	16.1	68.3	83.2
Hollinger Office:	19.9	27.4	60.6	81.8
Hollinger Park:	30.2	36.2	69.1	90.2
Sandy:	19.0	61.2	69.4	226.6

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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:	4.7	7.2
Edwards:	5.7	17.0
Hollinger Office:	3.4	5.3
Hollinger Park:	5.2	9.1
Sandy:	11.5	63.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.0	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.1	0.1	0.1
Noah:	0.1	0.1	0.1
Moneta Pumping Station:	0.1	0.0	0.0
Sandy:	0.1	0.3	0.1
Water Tower:	0.0	0.1	0.1
Wilson:	0.1	0.2	0.1