

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_100
Date: 15-Nov-15
Blast Time: 11:31
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 366 m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 4.6 °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:	54.4 LAeq	124.4 dB
Edwards:	61.9 LAeq	118.6 dB
Fred:	43.5 LAeq	110.0 dB
Hollinger Office:	57.2 LAeq	125.5 dB
Noah:	60.9 LAeq	116.5 dB
Sandy:	53.5 LAeq	117.2 dB
Water Tower:	53.2 LAeq	117.1 dB
Wilson:	44.7 LAeq	108.9 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:	4.8	7.5	14.5	18.0
Edwards:	14.8	105.5	32.5	182.8
Hollinger Office:	26.5	40.7	33.9	51.4
Hollinger Park:	3.5	3.8	8.4	9.1
Sandy:	1.9	2.7	3.4	4.6

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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:	3.3	8.4
Edwards:	37.0	240.9
Hollinger Office:	12.5	19.0
Hollinger Park:	2.1	2.7
Sandy:	1.7	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.7	0.9
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.6	0.4	0.6
Hollinger West:	0.1	0.1	0.3
Imerys:	0.3	0.2	0.4
Noah:	0.4	0.3	0.7
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	1.4	0.8	1.5
Water Tower:	0.2	0.2	0.5
Wilson:	0.9	0.5	0.6