

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_190
Date: 28-Oct-16
Blast Time: 11:38
Blast Sign Activation: 9:15
Website Notification Time: 9:00

Blast Conditions

Ceiling Height: 6400
Boundary Layer Height: none
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7.9 km/hr
Wind Direction: S
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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.0 LAeq	98.6 dB
Edwards:	60.2 LAeq	98.6 dB
Fred:	47.1 LAeq	95.2 dB
Hollinger Office:	75.7 LAeq	108.8 dB
Noah:	60.7 LAeq	99.6 dB
Sandy:	52.0 LAeq	115.9 dB
Water Tower:	48.9 LAeq	107.6 dB
Wilson:	51.0 LAeq	97.4 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.7	16.5	19.2	28.7
Edwards:	2.1	3.1	23.9	35.5
Hollinger Office:	26.6	54.2	29.9	71.4
Hollinger Park:	10.8	16.1	21.4	29.4
Sandy:	7.8	9.9	15.5	21.5

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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:	2.8	9.4
Edwards:	2.3	4.9
Hollinger Office:	11.7	21.8
Hollinger Park:	1.7	3.2
Sandy:	2.8	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.5	0.2	1.2
Hollinger West:	0.6	0.3	0.6
Imerys:	0.5	0.4	5
Noah:	2.1	1.5	1.3
Moneta Pumping Station:	2	2.6	2.1
Sandy:	2.0	0.4	1.0
Water Tower:	0.9	0.2	0.4
Wilson:	1.7	1.4	1.9