

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_022
Date: 29-Oct-16
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 122
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 16 km/hr
Wind Direction: N
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:	57.5 LAeq	107.9 dB
Edwards:	57.4 LAeq	101.8 dB
Fred:	47.6 LAeq	108.9 dB
Hollinger Office:	58.9 LAeq	107.0 dB
Noah:	62.1 LAeq	107.3 dB
Sandy:	60.1 LAeq	114.1 dB
Water Tower:	50.7 LAeq	114.0 dB
Wilson:	52.4 LAeq	117.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	3.4	5.7	6.1
Edwards:	2.6	2.7	8.8	9.8
Hollinger Office:	2.4	2.7	6.0	6.2
Hollinger Park:	17.1	19.9	6.9	8.0
Sandy:	3.8	9.0	6.7	14.7

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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:	0.0	0.5
Edwards:	0.5	1.2
Hollinger Office:	2.1	2.8
Hollinger Park:	4.3	13.4
Sandy:	6.9	21.8

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:	0.4	0.2	0.7
Hollinger West:	5.7	2.3	4.2
Imerys:	0.7	0.5	1.1
Noah:	1.0	0.9	1.1
Moneta Pumping Station:	1.8	0.9	1.3
Sandy:	1.1	1.2	1.9
Water Tower:	1.5	0.5	1.3
Wilson:	3.6	3.3	3.9