

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_046/3370_013
Date: 24-Jan-16
Blast Time: 11:38
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 2.9 km/hr
Wind Direction: NE
Temperature: -4.2 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	49.1 LAeq	101.8 dB
Edwards:	48.6 LAeq	95.7 dB
Fred:	42.1 LAeq	88.4 dB
Hollinger Office:	55.3 LAeq	106.1 dB
Noah:	57.5 LAeq	103.5 dB
Sandy:	46.5 LAeq	97.6 dB
Water Tower:	42.6 LAeq	107.5 dB
Wilson:	59.6 LAeq	106.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	7.7	4.7	7.0
Edwards:	2.8	3.2	7.0	8.1
Hollinger Office:	3.4	3.7	7.0	7.9
Hollinger Park:	2.4	2.7	6.5	7.0
Sandy:	2.2	2.6	4.5	6.1

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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:	1.3	5.0
Edwards:	4.7	12.0
Hollinger Office:	1.9	2.5
Hollinger Park:	2.8	4.6
Sandy:	2.2	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.6	0.1	0.1
Imerys:	0.2	0.3	0.2
Noah:	0.3	0.1	0.6
Moneta Pumping Station:	0.3	0.1	0.4
Sandy:	0.3	0.4	0.3
Water Tower:	0.3	0.3	0.3
Wilson:	0.9	0.6	0.6