

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_116+7 Signature Holes
Date: 24-Aug-16
Blast Time: 15:36
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 15:36 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: SW
Temperature: 21.3 °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	103.9 dB
Edwards:	51.3 LAeq	107.1 dB
Fred:	47.3 LAeq	103.7 dB
Hollinger Office:	61.6 LAeq	110.8 dB
Noah:	60.7 LAeq	111.1 dB
Sandy:	56.1 LAeq	105.0 dB
Water Tower:	68.2 LAeq	117.7 dB
Wilson:	38.3 LAeq	84.5 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.3	7.2	11.6	12.5
Edwards:	10.3	12.7	18.4	21.2
Hollinger Office:	23.3	59.3	25.6	91.2
Hollinger Park:	17.4	21.0	21.5	26.7
Sandy:	17.4	29.6	19.8	38.4

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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:	0.9	2.1
Edwards:	0.9	2.8
Hollinger Office:	10.1	34.8
Hollinger Park:	2.2	2.5
Sandy:	1.9	9.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.4	1.4	3.4
Hollinger West:	0.3	0.2	0.3
Imerys:	3.1	4.0	3.7
Noah:	2.0	2.0	3.0
Moneta Pumping Station:	0.3	0.1	0.4
Sandy:	0.4	0.5	0.2
Water Tower:	3.3	1.2	5.0
Wilson:	1.0	1.0	0.8