

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_Knob C/3364_001B, D, 003 E
Date: 6-Dec-16
Blast Time: 11:43
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 152 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: SE
Temperature: -0.1 °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:	52.9 LAeq	108.2 dB
Edwards:	46.5 LAeq	108.3 dB
Fred:	41.0 LAeq	96.2 dB
Hollinger Office:	63.5 LAeq	112.8 dB
Noah:	60.3 LAeq	106.1 dB
Sandy:	46.6 LAeq	111.7 dB
Water Tower:	50.9 LAeq	110.3 dB
Wilson:	51.0 LAeq	106.6 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:	3.5	4.2	3.1	3.9
Edwards:	2.6	2.9	3.5	4.0
Hollinger Office:	5.2	15.3	8.4	30.4
Hollinger Park:	2.1	2.3	3.8	4.4
Sandy:	2.5	2.9	2.6	3.0

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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:	4.3	13.2
Edwards:	1.1	2.4
Hollinger Office:	16.3	35.4
Hollinger Park:	2.7	4.0
Sandy:	4.4	8.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	1.2
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.2	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	1.8	0.4	0.5
Sandy:	0.4	0.7	0.4
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.3	0.7