

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_129
Date: 7-Apr-16
Blast Time: 11:39
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 2955 m
Boundary Layer Height: 4000 m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 21.9 km/hr
Wind Direction: N
Temperature: -8.6 °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:	57.2 LAeq	109.3 dB
Edwards:	52.7 LAeq	109.5 dB
Fred:	50.8 LAeq	113.1 dB
Hollinger Office:	56.1 LAeq	111.2 dB
Noah:	60.9 LAeq	111.0 dB
Sandy:	53.0 LAeq	116.6 dB
Water Tower:	54.4 LAeq	116.2 dB
Wilson:	53.4 LAeq	115.9 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:	11.9	27.6	8.5	25.4
Edwards:	26.9	39.2	42.9	60.3
Hollinger Office:	18.0	25.6	21.8	40.9
Hollinger Park:	13.4	14.9	14.4	20.9
Sandy:	49.3	174.4	56.3	211.0

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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:	0.6	1.1
Edwards:	2.2	2.7
Hollinger Office:	3.4	6.5
Hollinger Park:	1.1	1.5
Sandy:	40.4	366.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.1	0.3	0.2
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	1.7	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.5	0.2	0.5
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.4	0.3
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.4	0.5