

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_063
Date: 21-Apr-16
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4267 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 12 km/hr
Wind Direction: S
Temperature: 10 °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:	54.3 LAeq	107.7 dB
Edwards:	52.3 LAeq	102.5 dB
Fred:	46.3 LAeq	100.6 dB
Hollinger Office:	63.6 LAeq	105.8 dB
Noah:	60.0 LAeq	102.3 dB
Sandy:	62.4 LAeq	99.1 dB
Water Tower:	61.4 LAeq	105.0 dB
Wilson:	48.2 LAeq	97.1 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.9	15.8	9.3	12.8
Edwards:	6.9	9.3	13.0	27.8
Hollinger Office:	15.1	17.2	17.9	22.4
Hollinger Park:	20.8	26.4	27.3	42.4
Sandy:	12.2	17.6	15.6	30.2

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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:	1.8	3.8
Edwards:	4.0	16.0
Hollinger Office:	4.8	13.6
Hollinger Park:	1.1	1.4
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	1.3	1.1
Edwards:	0.4	0.3	0.2
Hollinger Office:	0.6	0.3	0.4
Hollinger West:	1.6	0.1	0.1
Imerys:	0.3	0.4	0.4
Noah:	0.5	0.3	0.5
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.4	0.4	0.4
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.4	0.5