

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_013
Date: 4-Apr-15
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: none
Boundary Layer Height: 100m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10 km/hr
Wind Direction: SW
Temperature: -5.7 °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:	50.9 L_{Aeq}	97.5 dB
Edwards:	L_{Aeq}	dB
Fred:	40.8 L_{Aeq}	101.6 dB
Hollinger Office:	61.7 L_{Aeq}	107.6 dB
Noah:	57.6 L_{Aeq}	107.3 dB
Sandy:	46.8 L_{Aeq}	100.6 dB
Water Tower:	47.0 L_{Aeq}	110.7 dB
Wilson:	48.5 L_{Aeq}	103.6 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:	15.2	59.1	31.0	124.2
Edwards:	5.1	8.6	13.5	21.7
Hollinger Office:	18.1	30.7	20.6	43.9
Hollinger Park:	10.7	19.2	25.8	54.0
Sandy:	2.0	2.5	10.5	12.0

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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:	0.3	0.5
Edwards:	2.9	7.5
Hollinger Office:	5.7	19.1
Hollinger Park:	1.9	5.6
Sandy:	0.9	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.2	0.2	0.4
Sandy:	0.8	0.8	1.5
Water Tower:	0.2	0.2	0.3
Wilson:	0.5	0.4	0.5