

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_033
Date: 05-May-15
Blast Time: 15:47:00 PM
Blast Sign Activation: 11:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3080 m
Boundary Layer Height: 3210 m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 10 km/hr
Wind Direction: NW
Temperature: 17.5 °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:	60.4	LAeq	114.2	dB
Edwards:	53.2	LAeq	109.0	dB
Fred:	51.2	LAeq	111.9	dB
Hollinger Office:	67.7	LAeq	117.0	dB
Noah:	62.0	LAeq	114.1	dB
Sandy:	52.6	LAeq	103.1	dB
Water Tower:	58.1	LAeq	123.1	dB
Wilson:	52.1	LAeq	116.2	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:	11.0	12.8	22.0	26.2
Edwards:	15.0	21.9	19.2	46.4
Hollinger Office:	45.6	86.1	42.1	96.2
Hollinger Park:	61.8	94.8	69.6	103.8
Sandy:	19.0	32.8	30.5	59.4

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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:	0.6	0.8
Edwards:	1.8	2.7
Hollinger Office:	2.8	4.6
Hollinger Park:	4.3	7.3
Sandy:	3.6	8.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.6	0.3	0.4
Hollinger Office:	0.1	0.1	0.3
Hollinger West:	0.4	0.3	0.4
Imerys:	0.3	0.4	0.5
Noah:	0.3	0.3	0.5
Moneta Pumping Station:	3.7	2.5	4.1
Sandy:	3.7	5.7	5.2
Water Tower:	0.5	0.2	0.4
Wilson:	0.7	0.4	0.7