

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3394_066
Date: 04-May-15
Blast Time: 15:40:00 PM
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 300 m
Boundary Layer Height: 170 m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: 11.5 °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: Extencicare

	L_{Aeq}		L_{peak} dB	
Comfort Inn:	60.3	LAeq	105.9	dB
Edwards:	52.5	LAeq	101.1	dB
Fred:	49.5	LAeq	105.1	dB
Hollinger Office:	70.4	LAeq	109.7	dB
Noah:	63.6	LAeq	106.3	dB
Sandy:	54.8	LAeq	98.5	dB
Water Tower:	58.0	LAeq	111.9	dB
Wilson:	50.3	LAeq	106.7	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:	8.6	9.0	15.3	15.9
Edwards:	11.1	13.1	9.9	13.9
Hollinger Office:	14.7	15.7	15.4	16.7
Hollinger Park:	10.5	11.1	12.9	13.7
Sandy:	7.8	8.7	12.9	14.2

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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:	0.8	1.7
Edwards:	7.9	32.1
Hollinger Office:	3.5	4.6
Hollinger Park:	5.1	8.3
Sandy:	2.3	4.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.6
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.4
Noah:	0.4	1.7	0.5
Moneta Pumping Station:	1.7	0.9	1
Sandy:	2.1	1.6	1.6
Water Tower:	0.3	0.1	0.3
Wilson:	0.8	0.5	0.8