

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3394_064
Date: 23-Apr-15
Blast Time: 15:37
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 1160 m
Boundary Layer Height: 90 m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: NW
Temperature: -1.7 °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: Extendicare**

	L_{Aeq}		L_{peak} dB	
Comfort Inn:	57.8	LAeq	110.4	dB
Edwards:	56.3	LAeq	107.2	dB
Fred:	48.5	LAeq	108.5	dB
Hollinger Office:	71.0	LAeq	110.0	dB
Noah:	63.5	LAeq	107.1	dB
Sandy:	51.7	LAeq	101.5	dB
Water Tower:	52.3	LAeq	117.8	dB
Wilson:	50.7	LAeq	107.1	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	13.6	20.9	24.7
Edwards:	10.3	12.1	17.5	23.8
Hollinger Office:	25.1	31.7	30.2	41.7
Hollinger Park:	41.5	84.5	57.2	119.9
Sandy:	14.4	18.2	19.1	24.5

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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:	0.4	0.6
Edwards:	1.8	2.5
Hollinger Office:	3.9	4.7
Hollinger Park:	4.7	11.5
Sandy:	7.1	24.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0	0	0
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	0.1	0.1	0.2
Imerys:	0.5	0.4	0.8
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	1.1	0.7	0.8
Sandy:	2.0	2.1	3.0
Water Tower:	0.3	0.1	0.3
Wilson:	0.8	0.6	0.7