

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_029
Date: 16-Jun-15
Blast Time: 15:36
Blast Sign Activation: 7:30
Website Notification Time: 6:45

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 14 km/hr
Wind Direction: N
Temperature: 9.8 °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:	57.5 LAeq	103.7 dB
Edwards:	52.6 LAeq	101.4 dB
Fred:	50.3 LAeq	105.6 dB
Hollinger Office:	60.1 LAeq	115.8 dB
Noah:	62.7 LAeq	112.3 dB
Sandy:	53.8 LAeq	98.9 dB
Water Tower:	69.0 LAeq	117.9 dB
Wilson:	51.0 LAeq	107.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.4	3.1	4.9	5.9
Edwards:	9.9	30.1	19.1	90.5
Hollinger Office:	6.6	8.6	5.4	6.8
Hollinger Park:	16.0	66.8	25.9	119.5
Sandy:	7.8	18.0	11.7	17.6

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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:	0.2	0.9
Edwards:	1.1	3.1
Hollinger Office:	2.3	4.3
Hollinger Park:	3.1	5.1
Sandy:	4.2	34.1

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:	0.2	0.2	0.1
Hollinger Office:	0.5	0.3	1.0
Hollinger West:	0.2	0.1	0.2
Imerys:	0.7	0.6	1.4
Noah:	1.0	0.5	1.1
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	1.2	0.9	1.1
Water Tower:	0.0	0.0	0.0
Wilson:	0.8	0.5	0.7