

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_216
Date: 29-Mar-17
Blast Time: 15:41
Blast Sign Activation: 8:49
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 6400 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 3.3 km/hr
Wind Direction: N
Temperature: 6.5 °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:	57.3 LAeq	99.3 dB
Edwards:	60.0 LAeq	96.0 dB
Fred:	47.0 LAeq	95.6 dB
Hollinger Office:	65.5 LAeq	102.5 dB
Noah:	62.7 LAeq	98.9 dB
Sandy:	55.5 LAeq	107.0 dB
Water Tower:	69.1 LAeq	105.3 dB
Wilson:	47.6 LAeq	98.2 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:	6.1	7.0	5.4	6.3
Edwards:	3.7	4.1	3.0	4.3
Hollinger Office:	4.0	4.5	7.2	9.2
Hollinger Park:	4.0	4.3	6.2	7.1
Sandy:	1.9	3.0	4.4	7.7

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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:	4.0	4.8
Edwards:	1.8	2.7
Hollinger Office:	5.5	7.0
Hollinger Park:	6.9	10.7
Sandy:	19.9	48.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.2	0.1	0.4
Imerys:	0.4	0.2	0.3
Noah:	0.5	0.3	0.5
Moneta Pumping Station:	0.8	0.6	0.7
Sandy:	1.0	1.0	1.1
Water Tower:	0.3	0.2	0.3
Wilson:	0.0	0.0	0.0