

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_019
Date: 1-Jun-15
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 9:00

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: NE
Temperature: 12.6 °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:	58.4 LAeq	101.1 dB
Edwards:	50.4 LAeq	96.6 dB
Fred:	47.9 LAeq	98.5 dB
Hollinger Office:	56.6 LAeq	110.1 dB
Noah:	60.6 LAeq	110.8 dB
Sandy:	51.2 LAeq	101.8 dB
Water Tower:	59.6 LAeq	119.8 dB
Wilson:	52.0 LAeq	106.1 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:	9.0	9.2	19.1	19.9
Edwards:	3.5	3.8	10.2	14.1
Hollinger Office:	9.8	13.9	17.6	30.3
Hollinger Park:	13.0	23.4	19.3	41.2
Sandy:	3.0	3.9	18.0	27.4

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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:	0.3	0.6
Edwards:	0.6	0.9
Hollinger Office:	4.2	15.5
Hollinger Park:	1.8	3.2
Sandy:	5.6	21.1

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:	1.1	0.3	0.8
Hollinger West:	0.3	0.3	0.4
Imerys:	1.5	1.5	1.8
Noah:	1	1	1.6
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	3.6	1.2	1.7
Water Tower:	2.5	0.8	1.6
Wilson:	1.2	1.0	1.0