

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_081
Date: 10-May-16
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: SE
Temperature: 12 °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:	56.1 LAeq	97.4 dB
Edwards:	50.6 LAeq	92.9 dB
Fred:	41.7 LAeq	90.6 dB
Hollinger Office:	59.3 LAeq	100.2 dB
Noah:	59.9 LAeq	98.8 dB
Sandy:	62.5 LAeq	104.7 dB
Water Tower:	61.6 LAeq	105.6 dB
Wilson:	47.2 LAeq	97.2 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:	10.4	10.8	4.3	5.3
Edwards:	3.9	4.5	6.2	8.7
Hollinger Office:	11.4	14.1	4.9	9.5
Hollinger Park:	11.1	16.7	14.7	43.7
Sandy:	7.5	11.1	4.6	16.8

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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:	1.3	2.0
Edwards:	1.0	1.4
Hollinger Office:	1.9	2.6
Hollinger Park:	0.9	1.2
Sandy:	2.8	5.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.4
Edwards:	0.3	0.4	0.3
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	1.7	0.2	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.4	0.7
Moneta Pumping Station:	1.0	0.8	1.2
Sandy:	0.6	0.8	0.6
Water Tower:	0.9	0.2	0.4
Wilson:	1.6	1.1	2.1