

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_134
Date: 25-Sep-16
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 7:16

Blast Conditions

Ceiling Height: 6705 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 8.5 km/hr
Wind Direction: N
Temperature: 11 °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:	54.0 LAeq	101.5 dB
Edwards:	64.4 LAeq	100.1 dB
Fred:	45.4 LAeq	95.5 dB
Hollinger Office:	66.2 LAeq	105.6 dB
Noah:	62.1 LAeq	104.0 dB
Sandy:	53.1 LAeq	117.9 dB
Water Tower:	53.2 LAeq	102.6 dB
Wilson:	50.3 LAeq	98.9 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:	12.2	48.0	16.1	102.4
Edwards:	6.9	8.7	0.0	0.0
Hollinger Office:	0.0	0.0	28.9	65.9
Hollinger Park:	9.3	10.6	17.7	21.9
Sandy:	8.6	10.8	8.3	12.3

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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:	1.2	4.2
Edwards:	0.2	0.8
Hollinger Office:	4.5	12.9
Hollinger Park:	0.2	0.5
Sandy:	0.1	0.4

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	0.2
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.5	0.2	0.6
Imerys:	0.3	0.5	0.5
Noah:	0.4	0.6	0.3
Moneta Pumping Station:	4.3	2.5	3.1
Sandy:	2.0	2.7	3.3
Water Tower:	0.8	0.4	0.7
Wilson:	1.3	0.9	1.5