

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_045
Date: 7-May-17
Blast Time: 11:34
Blast Sign Activation: 7:28
Website Notification Time: 7:17

Blast Conditions

Ceiling Height: 6096 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 23 km/hr
Wind Direction: SE
Temperature: 6.9 °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:	57.7 LAeq	124.8 dB
Edwards:	56.4 LAeq	119.6 dB
Fred:	57.7 LAeq	119.0 dB
Hollinger Office:	60.5 LAeq	119.2 dB
Noah:	61.8 LAeq	118.5 dB
Sandy:	52.5 LAeq	123.4 dB
Water Tower:	65.9 LAeq	127.1 dB
Wilson:	59.6 LAeq	120.9 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:	8.2	9.2	8.1	9.3
Edwards:	4.6	6.3	9.8	14.9
Hollinger Office:	8.1	10.5	6.9	15.9
Hollinger Park:	35.3	66.4	49.9	107.4
Sandy:	47.0	118.1	45.1	110.2

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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:	2.1	3.2
Edwards:	0.2	0.4
Hollinger Office:	1.7	4.8
Hollinger Park:	1.3	1.7
Sandy:	9.1	49.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.6
Hollinger West:	0.8	0.4	0.7
Imerys:	1.1	0.7	0.9
Noah:	0.9	0.7	1.1
Moneta Pumping Station:	1.0	0.5	1.6
Sandy:	0.1	0.0	0.1
Water Tower:	1.8	0.8	1.2
Wilson:	1.7	1.8	1.8