

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3385_095
Date: 28-Jul-15
Blast Time: 15:49
Blast Sign Activation: 12:00
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: 3100 m
Boundary Layer Height: N/A m
Cloud Cover: 50% Scattered Clouds
Wind Speed: 10 km/hr
Wind Direction: W
Temperature: 33.2 °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:	56.2 LAeq	58.4 dB
Edwards:	50.4 LAeq	51.8 dB
Fred:	48.3 LAeq	49.3 dB
Hollinger Office:	59.2 LAeq	60.4 dB
Noah:	61.0 LAeq	63.1 dB
Sandy:	56.0 LAeq	57.7 dB
Water Tower:	54.7 LAeq	57.2 dB
Wilson:	48.6 LAeq	51.1 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:	12.4	14.0	13.4	18.6
Edwards:	31.0	78.1	58.2	206.7
Hollinger Office:	50.0	148.2	81.0	255.5
Hollinger Park:	17.7	19.3	25.1	27.9
Sandy:	14.5	18.6	30.1	38.7

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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:	1.1	1.9
Edwards:	10.6	24.7
Hollinger Office:	15.7	103.5
Hollinger Park:	3.3	5.6
Sandy:	0.7	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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