

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_097
Date: 10-Mar-16
Blast Time: 11:50
Blast Sign Activation: 7:45
Website Notification Time:

Blast Conditions

Ceiling Height: 993 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 4 km/hr
Wind Direction: SE
Temperature: 2.1 °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:	52.2 LAeq	99.0 dB
Edwards:	45.5 LAeq	94.5 dB
Fred:	40.9 LAeq	89.0 dB
Hollinger Office:	59.6 LAeq	100.4 dB
Noah:	59.0 LAeq	100.8 dB
Sandy:	60.4 LAeq	106.2 dB
Water Tower:	44.1 LAeq	101.1 dB
Wilson:	40.8 LAeq	94.8 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:	6.3	7.0	3.5	4.1
Edwards:	0.6	0.7	6.1	7.0
Hollinger Office:	9.3	15.0	7.2	20.7
Hollinger Park:	10.6	11.0	4.7	6.1
Sandy:	1.4	2.4	6.0	10.7

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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:	2.9	7.5
Edwards:	3.3	5.8
Hollinger Office:	10.2	24.6
Hollinger Park:	2.2	4.3
Sandy:	3.6	5.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	1.8	0.2	0.3
Imerys:	0.2	0.1	0.1
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	1.2	0.8	1.2
Sandy:	0.9	1.0	1.4
Water Tower:	0.2	0.2	0.2
Wilson:	0.8	0.9	1.1