

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_095
Date: 19-Dec-15
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1584 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast Snow
Wind Speed: 5 km/hr
Wind Direction: SE
Temperature: -9.6 °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:	58.5 LAeq	113.6 dB
Edwards:	61.3 LAeq	114.3 dB
Fred:	47.7 LAeq	111.6 dB
Hollinger Office:	59.5 LAeq	118.0 dB
Noah:	60.4 LAeq	113.8 dB
Sandy:	60.1 LAeq	109.1 dB
Water Tower:	50.8 LAeq	119.8 dB
Wilson:	46.6 LAeq	111.7 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:	6.5	7.8	9.3	12.9
Edwards:	31.3	46.8	12.7	17.4
Hollinger Office:	19.4	27.8	14.8	34.6
Hollinger Park:	4.0	5.2	14.5	27.1
Sandy:	12.0	18.3	4.0	4.8

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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:	4.9	8.1
Edwards:	6.0	17.3
Hollinger Office:	3.1	3.6
Hollinger Park:	4.1	7.6
Sandy:	1.2	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.2
Edwards:	0.2	0.4	0.3
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	1.7	0.1	0.3
Imerys:	0.3	0.3	0.2
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	0.8	0.5	0.7
Sandy:	2.9	2.8	4.5
Water Tower:	0.3	0.2	0.3
Wilson:	0.9	0.5	0.9