

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_035
Date: 23-Dec-15
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 152 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SE
Temperature: -0.2 °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:	54.2 LAeq	108.6 dB
Edwards:	62.1 LAeq	101.2 dB
Fred:	43.4 LAeq	102.2 dB
Hollinger Office:	60.7 LAeq	113.0 dB
Noah:	65.2 LAeq	104.7 dB
Sandy:	57.5 LAeq	102.3 dB
Water Tower:	55.4 LAeq	107.0 dB
Wilson:	50.2 LAeq	104.7 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.3	11.3	8.4	9.6
Edwards:	4.7	4.9	10.4	10.9
Hollinger Office:	8.5	13.9	15.0	36.3
Hollinger Park:	4.4	4.7	9.9	10.9
Sandy:	6.0	6.6	7.6	8.9

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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:	2.2	4.1
Edwards:	3.6	6.7
Hollinger Office:	27.9	102.8
Hollinger Park:	1.6	1.9
Sandy:	2.9	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	1	0.5
Edwards:	0.3	0.5	0.3
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	1.8	0.1	0.0
Imerys:	0.3	0.2	0.3
Noah:	0.5	0.2	0.4
Moneta Pumping Station:	0.6	0.5	0.5
Sandy:	1.9	1.9	1.5
Water Tower:	0.2	0.1	0.3
Wilson:	0.7	0.5	0.6