

Hollinger Public Blast Report

Blast Pattern: 3370_124
Date: 22-Jan-16
Blast Time: 13:40
Blast Sign Activation: 11:50
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: 427 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: SE
Temperature: -13.5 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L _{Aeq}	L _{peak} dB
Comfort Inn:	53.0 LAeq	110.5 dB
Edwards:	52.9 LAeq	111.2 dB
Fred:	41.8 LAeq	102.8 dB
Hollinger Office:	56.7 LAeq	113.4 dB
Noah:	59.5 LAeq	107.4 dB
Sandy:	49.7 LAeq	121.9 dB
Water Tower:	46.7 LAeq	111.5 dB
Wilson:	50.0 LAeq	112.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	8.2	4.7	6.0
Edwards:	2.5	2.8	4.7	6.0
Hollinger Office:	3.7	3.9	5.3	6.4
Hollinger Park:	3.0	3.4	3.7	4.8
Sandy:	2.4	2.5	3.0	3.5

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.6	2.1
Edwards:	2.1	3.0
Hollinger Office:	4.1	7.7
Hollinger Park:	6.0	9.4
Sandy:	2.9	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.5	0.5	0.4
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.8	0.2	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	1.2	1.0	1.4
Sandy:	0.8	0.7	0.7
Water Tower:	0.4	0.5	0.3
Wilson:	0.9	1.0	1.0