

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_073/3373_134/3370_007
Date: 24-Jan-16
Blast Time: 13:38
Blast Sign Activation: 11:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 183 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 2.4 km/hr
Wind Direction: SE
Temperature: -3.3 °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:	51.2 LAeq	103.0 dB
Edwards:	45.9 LAeq	98.1 dB
Fred:	39.0 LAeq	89.0 dB
Hollinger Office:	54.4 LAeq	110.5 dB
Noah:	59.9 LAeq	101.2 dB
Sandy:	50.9 LAeq	98.8 dB
Water Tower:	44.4 LAeq	103.4 dB
Wilson:	59.6 LAeq	116.1 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.3	12.4	10.0	11.6
Edwards:	4.8	5.9	14.6	17.8
Hollinger Office:	6.0	6.8	14.9	16.8
Hollinger Park:	4.0	5.6	14.8	21.7
Sandy:	3.1	4.2	8.8	12.7

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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:	6.8	14.0
Edwards:	5.1	6.9
Hollinger Office:	7.5	8.9
Hollinger Park:	7.3	10.4
Sandy:	4.7	5.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.6	0.6
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.8	0.4	0.5
Hollinger West:	1.6	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.4	0.4	0.7
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.4	0.4
Water Tower:	0.2	0.2	0.3
Wilson:	0.5	0.3	0.4