

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_050
Date: 25-Jan-16
Blast Time: 13:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6.5 km/hr
Wind Direction: SE
Temperature: -4 °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:	50.7 LAeq	101.2 dB
Edwards:	50.6 LAeq	101.3 dB
Fred:	41.5 LAeq	96.0 dB
Hollinger Office:	61.2 LAeq	98.9 dB
Noah:	59.8 LAeq	95.4 dB
Sandy:	52.0 LAeq	100.1 dB
Water Tower:	45.4 LAeq	101.4 dB
Wilson:	52.9 LAeq	97.7 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	11.9	9.6	10.5
Edwards:	4.5	4.9	14.4	14.9
Hollinger Office:	8.1	9.6	17.2	23.6
Hollinger Park:	4.7	4.9	13.0	13.6
Sandy:	7.3	7.8	9.9	11.1

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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:	3.9	16.8
Edwards:	2.5	4.1
Hollinger Office:	20.3	37.7
Hollinger Park:	1.7	2.3
Sandy:	3.4	4.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.2
Edwards:	0.1	0.3	0.2
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	1.7	0.1	0.3
Imerys:	0.3	0.3	0.3
Noah:	0.3	0.4	0.5
Moneta Pumping Station:	0.3	0.3	0.5
Sandy:	0.4	0.6	0.4
Water Tower:	0.2	0.2	0.5
Wilson:	1.2	0.4	1.0