

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3394_076B
Date: 14-Mar-15
Blast Time: 15:35
Blast Sign Activation: 7:30
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 230m
Boundary Layer Height: None
Cloud Cover: 100% Overcast Snow
Wind Speed: 15 km/hr
Wind Direction: N
Temperature: - 2.8 °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:	53.5 LAeq	56.0 dB
Edwards:	47.9 LAeq	49.5 dB
Fred:	45.6 LAeq	45.7 dB
Hollinger Office:	54.6 LAeq	56.5 dB
Noah:	60.7 LAeq	62.7 dB
Sandy:	66.7 LAeq	48.7 dB
Water Tower:	54.3 LAeq	55.5 dB
Wilson:	57.8 LAeq	55.9 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	7.9	13.1	13.7
Edwards:	3.0	3.6	8.0	8.9
Hollinger Office:	3.9	4.4	9.2	10.6
Hollinger Park:	6.2	6.8	10.8	12.3
Sandy:	4.8	5.5	8.5	12.1

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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:	0.5	1.0
Edwards:	2.2	2.6
Hollinger Office:	6.2	8.6
Hollinger Park:	2.3	2.7
Sandy:	8.3	18.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards Temp:	0.0	0.1	0.0
Hollinger Office:	0.0	0.1	0.1
Hollinger West:	0.0	0.0	0.1
Imerys:	0.1	0.1	0.1
Noah:	0.1	0.2	0.1
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.1	0.2	0.2