

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_055
Date: 13-Mar-16
Blast Time: 15:36
Blast Sign Activation: 8:15
Website Notification Time:

Blast Conditions

Ceiling Height:	n/a	m
Boundary Layer Height:	60	m
Cloud Cover:	75%	Cloudy
Wind Speed:	15	km/hr
Wind Direction:	E	
Temperature:	5.5	°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:	52.7 LAeq	101.4 dB
Edwards:	51.4 LAeq	102.1 dB
Fred:	42.1 LAeq	102.2 dB
Hollinger Office:	61.8 LAeq	116.4 dB
Noah:	58.3 LAeq	106.7 dB
Sandy:	51.2 LAeq	107.2 dB
Water Tower:	57.1 LAeq	110.4 dB
Wilson:	53.9 LAeq	106.2 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	5.8	5.9	7.0
Edwards:	6.8	7.6	10.5	15.4
Hollinger Office:	2.1	2.5	5.2	7.9
Hollinger Park:	12.3	33.5	19.0	72.3
Sandy:	3.7	4.2	4.2	7.4

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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:	0.9	1.6
Edwards:	1.3	1.6
Hollinger Office:	3.4	6.1
Hollinger Park:	13.2	75.6
Sandy:	4.2	14.3

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:	0.1	0.2	0.1
Hollinger Office:	1.9	2.1	2.8
Hollinger West:	1.6	0.1	0.2
Imerys:	1.2	0.8	1.1
Noah:	1.1	0.9	1.4
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.3	0.3
Water Tower:	0.3	0.3	0.3
Wilson:	0.5	0.4	0.8