

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_066
Date: 20-Nov-15
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 792 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 8.6 km/hr
Wind Direction: SW
Temperature: 0.8 °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:	61.2 LAeq	113.2 dB
Edwards:	62.6 LAeq	115.5 dB
Fred:	50.3 LAeq	118.6 dB
Hollinger Office:	59.6 LAeq	116.0 dB
Noah:	62.3 LAeq	118.7 dB
Sandy:	56.9 LAeq	113.9 dB
Water Tower:	57.3 LAeq	122.6 dB
Wilson:	53.5 LAeq	116.5 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	5.9	6.6	12.2
Edwards:	15.8	41.6	20.7	47.1
Hollinger Office:	9.8	16.5	7.5	13.1
Hollinger Park:	14.0	22.6	23.9	34.6
Sandy:	5.3	8.9	5.7	8.1

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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:	0.7	1.7
Edwards:	3.4	9.2
Hollinger Office:	3.4	5.7
Hollinger Park:	2.1	3.0
Sandy:	1.5	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	1.8	0.2	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	2.5	1.3	1.6
Sandy:	6.5	10.5	7.8
Water Tower:	0.4	0.1	0.4
Wilson:	0.6	0.7	0.5