

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_059
Date: 13-Mar-15
Blast Time: 15:40
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 420m
Boundary Layer Height: 520m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: SE
Temperature: - 1.0 °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:	52.9 LAeq	54.4 dB
Edwards:	50.1 LAeq	50.9 dB
Fred:	42.9 LAeq	43.7 dB
Hollinger Office:	54.2 LAeq	56.0 dB
Noah:	59.4 LAeq	60.3 dB
Sandy:	51.3 LAeq	49.9 dB
Water Tower:	53.5 LAeq	57.2 dB
Wilson:	60.2 LAeq	55.1 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.4	11.2	17.6	18.7
Edwards:	3.8	4.4	10.9	12.3
Hollinger Office:	8.1	9.5	13.4	17.6
Hollinger Park:	6.2	7.4	13.3	15.8
Sandy:	4.3	5.3	10.8	12.3

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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:	1.3	2.8
Edwards:	1.6	2.6
Hollinger Office:	14.3	32.5
Hollinger Park:	9.2	16.9
Sandy:	2.0	3.3

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:	2.5	0.7	1.4
Imerys:	0.1	0.1	0.1
Noah:	0.1	0.2	0.1
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.3	0.1	0.2
Wilson:	0.1	0.2	0.2