

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_112 WS
Date: 24-Sep-15
Blast Time: 15:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3962 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 5.7 km/hr
Wind Direction: W
Temperature: 12.9 °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:	56.4 LAeq	100.3 dB
Edwards:	56.5 LAeq	95.3 dB
Fred:	44.4 LAeq	91.5 dB
Hollinger Office:	58.7 LAeq	102.9 dB
Noah:	61.3 LAeq	99.9 dB
Sandy:	57.6 LAeq	110.8 dB
Water Tower:	75.5 LAeq	107.8 dB
Wilson:	54.5 LAeq	103.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	7.7	12.9	16.8
Edwards:	9.2	11.8	12.8	19.2
Hollinger Office:	18.9	33.1	16.1	31.6
Hollinger Park:	14.6	22.7	13.8	26.6
Sandy:	8.2	11.2	8.8	13.2

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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:	1.1	1.6
Edwards:	1.6	1.9
Hollinger Office:	2.7	5.0
Hollinger Park:	6.4	9.4
Sandy:	5.2	21.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	1.9	0.9	1.3
Sandy:	2.7	3.3	2.6
Water Tower:	0.5	0.2	0.5
Wilson:	0.7	0.5	0.5