

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_057
Date: 07-Jan-16
Blast Time: 13:37
Blast Sign Activation: 11:30
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1200 m
Boundary Layer Height: 400 m
Cloud Cover: 100% Overcast
Wind Speed: -3.9 km/hr
Wind Direction: NE
Temperature: °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.1 LAeq	102.6 dB
Edwards:	54.1 LAeq	95.8 dB
Fred:	50.5 LAeq	88.4 dB
Hollinger Office:	72.8 LAeq	106.6 dB
Noah:	61.2 LAeq	104.0 dB
Sandy:	52.0 LAeq	112.0 dB
Water Tower:	47.2 LAeq	108.3 dB
Wilson:	47.9 LAeq	102.9 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:	17.0	18.2	15.4	16.6
Edwards:	15.8	16.8	23.5	25.4
Hollinger Office:	7.6	7.9	20.5	22.2
Hollinger Park:	12.0	13.7	29.7	38.2
Sandy:	7.5	7.8	16.0	16.5

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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:	7.5	11.2
Edwards:	4.7	6.3
Hollinger Office:	10.3	14.0
Hollinger Park:	4.0	5.0
Sandy:	4.3	8.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.6
Edwards:	0.3	0.4	0.3
Hollinger Office:	0.3	0.4	0.5
Hollinger West:	1.7	0.2	0.3
Imerys:	0.3	0.3	0.4
Noah:	0.4	0.3	0.9
Moneta Pumping Station:	0.5	0.5	0.7
Sandy:	1.9	1.5	1.7
Water Tower:	0.4	0.3	0.7
Wilson:	1.5	1.0	1.1