

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_041
Date: 22-Sep-18
Blast Time: 11:42
Blast Sign Activation: 7:20
Website Notification Time: 7:10

Blast Conditions

Ceiling Height:	2300	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	11	km/hr
Wind Direction:	SW	
Temperature:	7.4	°C

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

Noise Alert:

Blast Siren Locations:

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

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.5 LAeq	107.7 dB
Edwards:	50.9 LAeq	104.6 dB
Fred:	45.1 LAeq	102.5 dB
Hollinger Office:	53.1 LAeq	107.2 dB
Noah:	61.6 LAeq	101.8 dB
Sandy:	46.9 LAeq	103.4 dB
Water Tower:	50.3 LAeq	109.9 dB
Wilson:	47.1 LAeq	103.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.3	12.1	0.0	0.0
Edwards:	3.8	5.0	5.9	6.7
Hollinger Office:	16.5	35.3	19.5	37.6
Sandy:	5.3	6.3	1.7	2.7

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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:	0.0	0.0
Edwards:	3.2	8.5
Hollinger Office:	7.5	13.2
Sandy:	0.5	0.6

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	0.1	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.4	0.3	0.4
Imerys:	0.7	0.6	0.7
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	0.6	0.5	0.5
Sandy:	1.8	0.9	1.5
Water Tower:	1.2	0.7	1.2
Wilson:	1.6	1.2	1.8