

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_126
Date: 16-Sep-18
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 200 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: SE
Temperature: 15.5 °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:	54.4 LAeq	104.6 dB
Edwards:	45.3 LAeq	95.5 dB
Fred:	42.0 LAeq	92.5 dB
Hollinger Office:	55.6 LAeq	109.8 dB
Noah:	60.3 LAeq	110.8 dB
Sandy:	47.0 LAeq	112.6 dB
Water Tower:	54.7 LAeq	113.7 dB
Wilson:	50.5 LAeq	101.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.7	12.5	14.4	15.4
Edwards:	7.0	8.2	21.5	23.7
Hollinger Office:	13.6	15.5	22.6	26.0
Sandy:	6.9	11.2	22.2	38.5

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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:	2.9	7.0
Edwards:	1.3	3.6
Hollinger Office:	8.5	32.9
Sandy:	0.7	1.0

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:	0.1	0.1	0.1
Hollinger Office:	0.3	0.1	0.4
Hollinger West:	1.2	0.5	1.0
Imerys:	0.3	0.3	0.5
Noah:	0.3	0.4	0.2
Moneta Pumping Station:	1.5	0.7	1.2
Sandy:	3.8	2.7	3.2
Water Tower:	1.9	0.6	1.4
Wilson:	1.3	1.6	2.0