

Hollinger Public Blast Report

Blast Pattern: 3346_075
Date: 15-Feb-18
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: NE
Temperature: -1.7 °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:	54.7 LAeq	110.8 dB
Edwards:	50.9 LAeq	101.7 dB
Fred:	44.6 LAeq	100.0 dB
Hollinger Office:	53.8 LAeq	111.6 dB
Noah:	61.0 LAeq	103.3 dB
Sandy:	42.7 LAeq	110.2 dB
Water Tower:	47.3 LAeq	109.0 dB
Wilson:	63.3 LAeq	110.9 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	24.6	28.4	20.6	23.7
Edwards:	13.9	14.7	37.4	40.0
Hollinger Office:	18.7	20.4	38.6	42.3
Sandy:	14.5	18.0	30.8	38.0

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	6.4	8.2
Edwards:	8.9	12.2
Hollinger Office:	8.5	12.2
Sandy:	15.7	39.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.3	0.2	0.2
Imerys:	0.4	0.3	0.3
Noah:	0.6	0.4	0.5
Moneta Pumping Station:	0.8	0.8	0.7
Sandy:	1.6	0.9	1.8
Water Tower:	0.5	0.3	0.6
Wilson:	2.8	3.6	2.4