

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_011
Date: 6-Feb-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	1000	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	14	km/hr
Wind Direction:	E	
Temperature:	-19.7	°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:	47.3 LAeq	101.8 dB
Edwards:	40.7 LAeq	94.6 dB
Fred:	36.4 LAeq	91.6 dB
Hollinger Office:	51.0 LAeq	109.4 dB
Noah:	60.5 LAeq	110.3 dB
Sandy:	38.8 LAeq	112.6 dB
Water Tower:	49.7 LAeq	112.2 dB
Wilson:	51.1 LAeq	99.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	8.3	4.0	6.5
Edwards:	4.1	8.3	7.3	11.4
Hollinger Office:			10.7	14.8
Sandy:	7.3	14.1	6.3	10.6

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.6	3.2
Edwards:	3.9	4.8
Hollinger Office:	5.8	8.4
Sandy:	5.7	19.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.4	0.5	0.5
Hollinger West:	0.3	0.3	0.3
Imerys:	0.4	0.4	0.5
Noah:	0.6	0.5	0.8
Moneta Pumping Station:	1.5	0.6	0.6
Sandy:	2.0	1.1	1.7
Water Tower:	0.4	0.4	0.5
Wilson:	1.6	1.9	2.6