

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_087
Date: 12-Feb-19
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 18000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 26 km/hr
Wind Direction: E
Temperature: -17.8 °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:	50.9 LAeq	100.5 dB
Edwards:	44.6 LAeq	105.6 dB
Fred:	38.6 LAeq	100.6 dB
Hollinger Office:	59.6 LAeq	112.9 dB
Noah:	56.4 LAeq	107.6 dB
Sandy:	44.4 LAeq	106.0 dB
Water Tower:	47.3 LAeq	111.9 dB
Wilson:	49.9 LAeq	106.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	3.8	2.2	2.7
Edwards:	1.3	1.6	4.3	5.7
Hollinger Office:	7.5	7.7	7.4	9.2
Sandy:	1.3	1.5	3.3	4.8

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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:	1.9	2.1
Edwards:	3.3	3.8
Hollinger Office:	3.8	5.2
Sandy:	2.8	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.0	0.0	0.0
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.4	0.1	0.2
Sandy:	0.3	0.2	0.2
Water Tower:	0.2	0.2	0.1
Wilson:			