

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_065, 3370_161B and 3370_162
Date: 20-Nov-17
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: -7.9 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	49.1 LAeq	100.2 dB
Edwards:	65.7 LAeq	104.1 dB
Fred:	38.5 LAeq	100.9 dB
Hollinger Office:	65.9 LAeq	104.8 dB
Noah:	58.4 LAeq	100.9 dB
Sandy:	42.6 LAeq	116.3 dB
Water Tower:	45.1 LAeq	112.4 dB
Wilson:	52.9 LAeq	111.3 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:	4.2	4.4	2.7	3.6
Edwards:	4.4	8.0	5.5	13.0
Hollinger Office:	6.3	17.5	8.6	21.0
Sandy:	3.5	4.4	6.9	8.3

Hollinger Public Blast Report



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:	0.5	0.8
Edwards:	8.0	15.2
Hollinger Office:	4.9	7.0
Sandy:	3.1	4.0

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:	0.0	0.1	0.0
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.8	0.4	0.7
Imerys:	0.8	0.6	0.8
Noah:	0.6	0.4	0.7
Moneta Pumping Station:	1.8	1.6	1.8
Sandy:	0.7	0.6	0.6
Water Tower:	1.9	0.8	1.1
Wilson:	5.8	6.7	7.8