

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_030
Date: 25-Apr-15
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2210 m
Boundary Layer Height: 2430 m
Cloud Cover: 75% Cloudy
Wind Speed: 10 km/hr
Wind Direction: N
Temperature: 5.6 °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:	56.8	L _{Aeq}	100.3	dB
Edwards:	50.6	L _{Aeq}	99.4	dB
Fred:	47.2	L _{Aeq}	103.1	dB
Hollinger Office:	61.4	L _{Aeq}	104.5	dB
Noah:	61.5	L _{Aeq}	99.5	dB
Sandy:	49.7	L _{Aeq}	104.2	dB
Water Tower:	49.1	L _{Aeq}	106.1	dB
Wilson:	45.6	L _{Aeq}	104.1	dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.9	10.0	17.8	19.5
Edwards:	7.4	10.6	18.1	38.3
Hollinger Office:	14.1	18.8	23.6	34.5
Hollinger Park:	19.7	30.7	35.3	55.2
Sandy:	7.9	15.8	13.8	25.3

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:	0.3	0.5
Edwards:	1.0	1.3
Hollinger Office:	3.3	11.0
Hollinger Park:	2.7	4.1
Sandy:	1.6	2.8

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	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.4
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	2.4	1.6	2.2
Sandy:	4.4	5.7	3.9
Water Tower:	0.2	0.1	0.2
Wilson:	0.3	0.3	0.4