

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_049
Date: 29-Jun-15
Blast Time: 15:40:00 PM
Blast Sign Activation: 11:00
Website Notification Time: 11:00

Blast Conditions

Ceiling Height: 2072 m
Boundary Layer Height: None m
Cloud Cover: 25%-Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 27.6 °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:	55.7	LAeq	106.1	dB
Edwards:	58.4	LAeq	100.9	dB
Fred:	50.6	LAeq	114.2	dB
Hollinger Office:	63.5	LAeq	118.2	dB
Noah:	62.4	LAeq	110.6	dB
Sandy:	55.2	LAeq	101.2	dB
Water Tower:	52.0	LAeq	114.2	dB
Wilson:	51.6	LAeq	106.4	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:	12.9	15.9	22.5	27.8
Edwards:	31.3	47.4	47.1	71.0
Hollinger Office:	75.3	125.3	82.8	128.7
Hollinger Park:	19.3	24.9	35.6	43.7
Sandy:	15.1	21.7	36.9	54.2

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:	1.6	2.1
Edwards:	9.6	14.6
Hollinger Office:	9.7	12.4
Hollinger Park:	3.5	15.8
Sandy:	0.7	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.5	0.6	0.5
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.3	0.2
Noah:	12.5	13.5	12.3
Moneta Pumping Station:	0.6	0.5	0.7
Sandy:	2.6	3.3	1.6
Water Tower:	(Off due to water tower construction)		
Wilson:	1.4	0.6	0.7