

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_045/0094_083
Date: 28-Jun-15
Blast Time: 15:46:00 PM
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3300 m
Boundary Layer Height: None m
Cloud Cover: 50%-Partially Cloudy
Wind Speed: 10 km/hr
Wind Direction: E
Temperature: 25.1 °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:	53.3	L _{Aeq}	103.2	dB
Edwards:	51.1	L _{Aeq}	108.7	dB
Fred:	53.1	L _{Aeq}	102.2	dB
Hollinger Office:	59.9	L _{Aeq}	112.4	dB
Noah:	60.1	L _{Aeq}	114.4	dB
Sandy:	52.4	L _{Aeq}	112.2	dB
Water Tower:	56.2	L _{Aeq}	121.2	dB
Wilson:	50.3	L _{Aeq}	114.8	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:	6.4	7.2	13.5	15.5
Edwards:	4.6	6.5	13.7	20.6
Hollinger Office:	55.2	126.5	27.1	80.2
Hollinger Park:	11.6	35.5	27.2	65.5
Sandy:	4.4	5.2	15.1	20.0

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:	0.4	1.0
Edwards:	0.4	0.8
Hollinger Office:	10.9	47.9
Hollinger Park:	4.8	15.3
Sandy:	0.8	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	1.1	1.4	1.1
Imerys:	2	2	2.4
Noah:	10.6	10.4	10.4
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.8	0.7	0.7
Water Tower:	(Off due to water tower construction)		
Wilson:	1	1	1.0