

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_043
Date: 11-May-15
Blast Time: 15:39:00 PM
Blast Sign Activation: 11:50
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 800 m
Boundary Layer Height: 860 m
Cloud Cover: 75% Cloudy
Wind Speed: 12 km/hr
Wind Direction: NE
Temperature: 8.7 °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:	57.2	LAeq	109.2	dB
Edwards:	55.9	LAeq	112.2	dB
Fred:	50.3	LAeq	111.9	dB
Hollinger Office:	66.0	LAeq	115.6	dB
Noah:	61.3	LAeq	115.0	dB
Sandy:	55.7	LAeq	102.7	dB
Water Tower:	55.9	LAeq	116.5	dB
Wilson:	56.2	LAeq	111.2	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:	10.0	10.9	20.5	23.6
Edwards:	8.4	9.2	16.5	21.0
Hollinger Office:	29.1	51.1	32.0	71.2
Hollinger Park:	35.5	57.6	47.9	73.7
Sandy:	25.2	59.4	39.2	105.8

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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:	0.1	0.3
Edwards:	1.1	1.4
Hollinger Office:	9.6	25.8
Hollinger Park:	6.3	15.9
Sandy:	3.3	15.7

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:	0.2	0.1	0.1
Hollinger Office:	0.5	0.5	0.4
Hollinger West:	1.6	1.0	1.8
Imerys:	2.4	1.5	2.6
Noah:	0	0	0
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.9	0.8	1.0
Water Tower:	5.9	2.9	7.4
Wilson:	1.5	1	1.3