

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_026
Date: 11-May-15
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1860 m
Boundary Layer Height: 1990 m
Cloud Cover: 75% Cloudy
Wind Speed: 12 km/hr
Wind Direction: NE
Temperature: 7.4 °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	104.1	dB
Edwards:	55.2	LAeq	110.4	dB
Fred:	47.9	LAeq	107.2	dB
Hollinger Office:	64.2	LAeq	109.0	dB
Noah:	61.4	LAeq	118.4	dB
Sandy:	53.6	LAeq	106.4	dB
Water Tower:	54.3	LAeq	117.5	dB
Wilson:	53.4	LAeq	108.0	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:	9.2	11.0	18.8	22.9
Edwards:	5.8	6.3	15.8	18.6
Hollinger Office:	15.8	17.5	22.6	27.3
Hollinger Park:	63.0	94.4	71.4	99.3
Sandy:	72.0	506.2	106.3	809.5

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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:	0.2	0.5
Edwards:	1.5	2.0
Hollinger Office:	7.5	13.3
Hollinger Park:	8.1	10.0
Sandy:	11.6	35.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0	0	0
Moneta Pumping Station:	3.2	1.3	2.8
Sandy:	5.9	11.3	5.5
Water Tower:	0.4	0.2	0.5
Wilson:	0.4	0.4	0.4