

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_059
Date: 24-Jun-15
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 1067 m
Boundary Layer Height: None m
Cloud Cover: 75%-Cloudy
Wind Speed: 4 km/hr
Wind Direction: W
Temperature: 17.4 °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:	57.2	LAeq	104.6	dB
Edwards:	53.0	LAeq	97.0	dB
Fred:	50.1	LAeq	106.3	dB
Hollinger Office:	82.9	LAeq	110.1	dB
Noah:	62.2	LAeq	104.7	dB
Sandy:	51.7	LAeq	107.0	dB
Water Tower:	51.1	LAeq	111.7	dB
Wilson:	50.4	LAeq	106.0	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:	3.4	3.9	11.6	12.6
Edwards:	5.5	6.2	9.7	12.6
Hollinger Office:	9.3	12.9	12.7	17.9
Hollinger Park:	13.9	22.7	33.8	46.3
Sandy:	7.2	9.7	12.1	15.4

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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:	0.4	0.8
Edwards:	1.0	1.4
Hollinger Office:	4.4	9.1
Hollinger Park:	6.1	9.8
Sandy:	1.2	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.3
Imerys:	0.4	0.3	0.3
Noah:	0.6	0.4	0.4
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	5.0	2.7	1.6
Water Tower:	(Off due to water tower construction)		
Wilson:	0.6	0.5	0.7