

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_021
Date: 21-Apr-15
Blast Time: 15:41
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1541 m
Boundary Layer Height: 2450 m
Cloud Cover: 100% Overcast
Wind Speed: 9.3 km/hr
Wind Direction: WSW
Temperature: 6.5 °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:	55.3	L _{Aeq}	99.6	dB
Edwards:	53.4	L _{Aeq}	103.4	dB
Fred:	47.4	L _{Aeq}	99.2	dB
Hollinger Office:	59.9	L _{Aeq}	99.9	dB
Noah:	61.3	L _{Aeq}	99.1	dB
Sandy:	52.6	L _{Aeq}	103.6	dB
Water Tower:	52.1	L _{Aeq}	106.8	dB
Wilson:	52.4	L _{Aeq}	100.6	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:	6.2	6.6	14.1	15.6
Edwards:	2.2	2.9	7.8	15.4
Hollinger Office:	5.3	6.7	19.2	32.4
Hollinger Park:	9.3	18.4	5.9	9.7
Sandy:	2.6	3.5	11.6	17.8

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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:	0.2	0.6
Edwards:	10.8	15.7
Hollinger Office:	3.0	4.7
Hollinger Park:	0.0	0.0
Sandy:	1.3	1.7

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	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.5	0.3	0.4
Imerys:	0.4	0.4	0.4
Noah:	0.3	0.7	0.4
Moneta Pumping Station:	7.9	7.0	8.7
Sandy:	5.6	6.8	4.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.7	0.6	0.6