

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_020
Date: 22-Apr-15
Blast Time: 15:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1740 m
Boundary Layer Height: 1200 m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 4.7 °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:	57.1	L _{Aeq}	96.0	dB
Edwards:	58.5	L _{Aeq}	99.9	dB
Fred:	45.7	L _{Aeq}	94.8	dB
Hollinger Office:	64.6	L _{Aeq}	102.0	dB
Noah:	64.1	L _{Aeq}	106.9	dB
Sandy:	50.8	L _{Aeq}	106.0	dB
Water Tower:	52.7	L _{Aeq}	98.8	dB
Wilson:	49.6	L _{Aeq}	98.0	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:	6.8	7.7	17.1	18.5
Edwards:	2.7	4.1	7.2	13.8
Hollinger Office:	9.7	16.6	20.5	28.8
Hollinger Park:	16.8	27.9	40.3	105.8
Sandy:	3.3	8.5	11.3	46.9

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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:	1.0	1.2
Edwards:	4.9	9.5
Hollinger Office:	3.0	4.5
Hollinger Park:	7.5	19.8
Sandy:	5.5	15.6

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:	0.1	0.2	0.2
Hollinger Office:	0.1	0.1	0.3
Hollinger West:	0.2	0.1	0.3
Imerys:	0.3	0.4	0.7
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	2.4	1.4	1.6
Sandy:	2.8	2.2	1.6
Water Tower:	0.3	0.1	0.3
Wilson:	0.6	0.8	1.1