

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_031
Date: 24-Apr-15
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1310 m
Boundary Layer Height: 1480 m
Cloud Cover: 75% Cloudy
Wind Speed: 10 km/hr
Wind Direction: NW
Temperature: 1.9 °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:	57.8	L _{Aeq}	104.0	dB
Edwards:	55.0	L _{Aeq}	101.1	dB
Fred:	48.2	L _{Aeq}	104.4	dB
Hollinger Office:	63.5	L _{Aeq}	105.9	dB
Noah:	62.3	L _{Aeq}	106.8	dB
Sandy:	48.0	L _{Aeq}	104.2	dB
Water Tower:	49.2	L _{Aeq}	113.1	dB
Wilson:	50.4	L _{Aeq}	106.1	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:	10.1	12.1	18.8	21.2
Edwards:	7.3	10.1	13.2	22.1
Hollinger Office:	19.3	24.3	23.2	30.8
Hollinger Park:	39.3	48.6	54.9	83.2
Sandy:	11.1	14.6	15.1	22.4

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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:	0.3	0.4
Edwards:	1.1	1.4
Hollinger Office:	2.8	4.6
Hollinger Park:	5.4	8.2
Sandy:	1.5	5.0

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	0.3	0.2
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	0.4	0.2	0.2
Imerys:	0.3	0.3	0.8
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	4.3	4.5	5.1
Sandy:	3.3	1.6	1.7
Water Tower:	0.3	0.1	0.3
Wilson:	0.7	0.8	0.9