

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_023
Date: 08-May-15
Blast Time: 15:52:00 PM
Blast Sign Activation: 8:15
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3130 m
Boundary Layer Height: 1140 m
Cloud Cover: 75% Cloudy
Wind Speed: 14 km/hr
Wind Direction: SW
Temperature: 26.7 °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: Extencicare**

	L_{Aeq}		L_{peak} dB	
Comfort Inn:	62.3	L _{Aeq}	113.7	dB
Edwards:	60.3	L _{Aeq}	110.2	dB
Fred:	50.5	L _{Aeq}	116.3	dB
Hollinger Office:	60.9	L _{Aeq}	114.1	dB
Noah:	64.3	L _{Aeq}	114.1	dB
Sandy:	55.6	L _{Aeq}	100.3	dB
Water Tower:	62.7	L _{Aeq}	130.1	dB
Wilson:	52.2	L _{Aeq}	111.6	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:	14.9	15.5	22.4	25.6
Edwards:	19.3	31.2	38.0	83.0
Hollinger Office:	23.8	37.0	37.4	63.5
Hollinger Park:	26.0	40.6	52.5	84.6
Sandy:	9.8	11.4	35.8	43.5

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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:	0.5	0.6
Edwards:	8.8	16.6
Hollinger Office:	3.9	7.5
Hollinger Park:	2.9	5.1
Sandy:	1.4	1.6

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:	0.2	0	0.2
Hollinger Office:	0.5	0.2	1.0
Hollinger West:	0.2	0.1	0.1
Imerys:	0.6	0.4	1
Noah:	0	0	0
Moneta Pumping Station:	0.3	0.3	0.2
Sandy:	1.1	0.6	0.5
Water Tower:	0.7	0.2	0.4
Wilson:	0.4	0.3	0.3