

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_0943370_146
Date: 27-Mar-16
Blast Time: 15:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1430 m
Boundary Layer Height: 1530 m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: 6.2 °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:	52.0 LAeq	110.6 dB
Edwards:	59.0 LAeq	103.1 dB
Fred:	43.1 LAeq	93.1 dB
Hollinger Office:	60.0 LAeq	122.5 dB
Noah:	59.0 LAeq	113.4 dB
Sandy:	48.4 LAeq	113.8 dB
Water Tower:	LAeq	dB
Wilson:	47.5 LAeq	101.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	13.0	9.9	12.5
Edwards:	5.6	6.0	12.0	12.9
Hollinger Office:	11.5	13.2	14.8	17.8
Hollinger Park:	7.4	11.8	15.7	44.3
Sandy:	6.1	6.5	11.4	13.1

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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:	4.9	18.1
Edwards:	2.3	3.4
Hollinger Office:	5.1	7.9
Hollinger Park:	0.9	3.8
Sandy:	0.9	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.3	0.3	0.2
Hollinger Office:	4.0	1.5	5.9
Hollinger West:	1.9	0.2	0.3
Imerys:	0.0	0.0	0.0
Noah:	0.8	0.7	0.8
Moneta Pumping Station:	3.4	2.5	3.9
Sandy:	2.2	3.2	2.2
Water Tower:	0.3	0.4	0.3
Wilson:	0.9	1.0	0.9