

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_128/3364_057D
Date: 18-Nov-15
Blast Time: 13:47
Blast Sign Activation: 12:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 5334 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 17.1 km/hr
Wind Direction: N
Temperature: 10.8 °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:	55.6 LAeq	106.5 dB
Edwards:	60.2 LAeq	113.5 dB
Fred:	53.3 LAeq	114.6 dB
Hollinger Office:	58.5 LAeq	116.6 dB
Noah:	63.2 LAeq	113.2 dB
Sandy:	55.4 LAeq	114.0 dB
Water Tower:	62.0 LAeq	117.7 dB
Wilson:	56.5 LAeq	114.7 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.7	12.4	14.4	15.7
Edwards:	11.1	11.3	19.2	20.2
Hollinger Office:	15.4	17.2	18.8	22.9
Hollinger Park:	8.5	8.7	21.2	21.7
Sandy:	9.9	10.2	13.6	14.5

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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:	9.8	13.5
Edwards:	6.4	10.0
Hollinger Office:	12.0	21.2
Hollinger Park:	3.4	4.1
Sandy:	2.6	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.6	0.5
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.5	0.2	0.2
Hollinger West:	1.7	0.1	0.3
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	2.7	1.6	2.4
Sandy:	4.9	2.1	5.8
Water Tower:	0.3	0.1	0.3
Wilson:	0.4	0.4	0.7