

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388-065
Date: 16-Mar-15
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: None
Boundary Layer Height: 100m
Cloud Cover: 50% Partial Clouds
Wind Speed: 4 km/hr
Wind Direction: W
Temperature: - 3.6 °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:	53.0 LAeq	55.6 dB
Edwards:	57.3 LAeq	50.8 dB
Fred:	44.4 LAeq	45.4 dB
Hollinger Office:	64.7 LAeq	59.9 dB
Noah:	59.5 LAeq	61.2 dB
Sandy:	52.1 LAeq	48.8 dB
Water Tower:	53.2 LAeq	53.4 dB
Wilson:	52.3 LAeq	50.3 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:	12.2	14.4	19.6	23.5
Edwards:	7.4	12.5	22.4	46.7
Hollinger Office:	7.4	10.2	19.3	26.0
Hollinger Park:	6.1	10.5	22.9	40.9
Sandy:	3.1	3.8	15.0	18.5

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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:	3.1	4.6
Edwards:	19.3	46.8
Hollinger Office:	11.2	15.6
Hollinger Park:	12.8	20.9
Sandy:	7.3	15.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards Temp:	0.1	0.2	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.4
Moneta Pumping Station:	0.3	0.4	0.3
Sandy:	1.7	1.3	2.6
Water Tower:	0.3	0.1	0.2
Wilson:	0.6	0.8	0.9