

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_028
Date: 13-Jun-15
Blast Time: 15:37:00 PM
Blast Sign Activation: 7:45
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: n/a m
Boundary Layer Height: n/a m
Cloud Cover: 75%-Cloudy
Wind Speed: 2.5 km/hr
Wind Direction: W
Temperature: 23.1 °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:	53.7	L _{Aeq}	102.8	dB
Edwards:	49.0	L _{Aeq}	101.3	dB
Fred:	49.2	L _{Aeq}	98.6	dB
Hollinger Office:	57.5	L _{Aeq}	106.1	dB
Noah:	66.9	L _{Aeq}	102.8	dB
Sandy:	57.5	L _{Aeq}	108.6	dB
Water Tower:	64.5	L _{Aeq}	106.8	dB
Wilson:	45.5	L _{Aeq}	104.4	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:	7.7	7.9	10.8	11.5
Edwards:	5.0	5.3	16.7	19.7
Hollinger Office:	7.2	8.3	14.3	17.8
Hollinger Park:	11.3	28.5	22.6	36.8
Sandy:	7.8	9.2	19.9	25.1

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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:	0.7	1.2
Edwards:	0.6	0.8
Hollinger Office:	1.9	2.9
Hollinger Park:	1.4	2.2
Sandy:	1.4	2.6

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	0.2	0.2
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.5	0.5
Moneta Pumping Station:	2.8	1.7	2.8
Sandy:	4.3	9.7	3.1
Water Tower:	(Off due to water tower construction)		
Wilson:	0.5	0.6	0.5