

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_011
Date: 30-Nov-15
Blast Time: 11:33
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 548 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 14 km/hr
Wind Direction: W
Temperature: 0.5 °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:	56.3 LAeq	113.9 dB
Edwards:	60.1 LAeq	111.9 dB
Fred:	47.5 LAeq	108.4 dB
Hollinger Office:	57.8 LAeq	110.9 dB
Noah:	61.2 LAeq	111.9 dB
Sandy:	56.7 LAeq	108.3 dB
Water Tower:	54.4 LAeq	123.0 dB
Wilson:	50.8 LAeq	111.1 dB

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

Dust Alert: Higher dust values during blast time, daily 24hr dust did not exceed.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.9	6.2	5.8	6.9
Edwards:	5.7	10.4	13.7	29.0
Hollinger Office:	52.7	66.7	55.9	73.8
Hollinger Park:	3.4	3.8	12.6	15.3
Sandy:	2.8	3.8	5.1	6.2

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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:	2.7	5.9
Edwards:	20.8	79.2
Hollinger Office:	11.6	14.2
Hollinger Park:	2.9	3.9
Sandy:	1.4	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.9	0.8
Edwards:	0.4	0.5	0.5
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	1.7	0.1	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.2	0.5
Moneta Pumping Station:	0.6	0.3	0.3
Sandy:	1.5	0.9	1.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.0	0.0	0.0