

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_056
Date: 04-Jan-16
Blast Time: 11:37
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 488 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 3.5 km/hr
Wind Direction: NE
Temperature: -18.9 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due blast sirens.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	48.0 LAeq	104.8 dB
Edwards:	60.3 LAeq	97.0 dB
Fred:	40.5 LAeq	89.0 dB
Hollinger Office:	57.1 LAeq	106.4 dB
Noah:	60.1 LAeq	102.0 dB
Sandy:	49.9 LAeq	111.1 dB
Water Tower:	43.6 LAeq	110.2 dB
Wilson:	47.9 LAeq	103.4 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:	19.9	34.3	19.7	35.5
Edwards:	10.5	13.7	29.7	39.1
Hollinger Office:	9.5	10.5	21.8	24.7
Hollinger Park:	8.8	10.0	25.1	31.2
Sandy:	9.9	12.2	17.6	20.8

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	29.5	67.3
Edwards:	39.6	81.2
Hollinger Office:	16.8	20.4
Hollinger Park:	14.5	19.4
Sandy:	10.8	15.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.7
Edwards:	0.2	0.4	0.4
Hollinger Office:	0.4	0.6	0.5
Hollinger West:	2.6	0.1	0.1
Imerys:	0.5	0.4	0.4
Noah:	0.6	0.3	0.8
Moneta Pumping Station:	0.7	0.6	0.8
Sandy:	4.9	2.4	3.3
Water Tower:	0.5	0.3	0.7
Wilson:	1.7	0.8	1.4