Hollinger Public Blast Report

GOLDCORP
PORCUPINE GOLD MINES

Blast Pattern:	**3358_170/3340_058**
Date:	**7-Nov-18**
Blast Time:	**11:49**
Blast Sign Activation:	**7:55**
Website Notification Time:	**7:45**

Blast Conditions

Ceiling Height:	500	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	11	km/hr
Wind Direction:	SW	
Temperature:	3.5	°C

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

Noise Alert:

Blast Siren Locations:

1: Hollinger Office
2: Shania Twain
3: Extendicare

	Laeq	**$L_{peak\ dB}$**
Comfort Inn:	55.5 LAeq	108.1 dB
Edwards:	52.8 LAeq	102.2 dB
Fred:	43.5 LAeq	104.3 dB
Hollinger Office:	55.8 LAeq	107.2 dB
Noah:	62.3 LAeq	105.8 dB
Sandy:	46.9 LAeq	105.7 dB
Water Tower:	52.4 LAeq	113.8 dB
Wilson:	50.2 LAeq	101.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.4	1.8	1.1	1.5
Edwards:	2.2	3.3	4.0	4.2
Hollinger Office:	34.9	78.2	42.1	117.1
Sandy:	1.5	2.0	3.4	4.4

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<u>NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:</u>

NO_x Alert: No exceedances recorded

	Avg. NO_x	Max NO_x
Claimpost:	3.4	8.3
Edwards:	5.6	10.0
Hollinger Office:	7.9	13.0
Sandy:	1.4	1.7

<u>Vibration (mm/s) – Vibration Instruments Reviewed:</u>

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.5	0.8
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.1	0.3
Hollinger West:	0.9	0.5	1.0
Imerys:	0.6	0.4	0.8
Noah:	0.6	0.3	0.6
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	1.6	1	1.3
Water Tower:	0.6	0.4	0.8
Wilson:	3.0	1.7	3.1