Hollinger Public Blast Report

GOLDCORP
PORCUPINE GOLD MINES

Blast Pattern:	**3340_012**
Date:	**20-Jul-18**
Blast Time:	**11:51**
Blast Sign Activation:	**8:00**
Website Notification Time:	**8:00**

Blast Conditions

Ceiling Height:	24000	ft
Boundary Layer Height:	none	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	11	km/hr
Wind Direction:	SE	
Temperature:	25.7	°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

	Laeq	**$L_{peak\ dB}$**
Comfort Inn:	57.1 LAeq	94.8 dB
Edwards:	49.6 LAeq	92.0 dB
Fred:	43.3 LAeq	98.2 dB
Hollinger Office:	56.6 LAeq	111.3 dB
Noah:	60.9 LAeq	97.1 dB
Sandy:	57.3 LAeq	102.8 dB
Water Tower:	47.6 LAeq	108.0 dB
Wilson:	51.0 LAeq	102.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	9.6	18.1	19.5
Edwards:	6.4	6.8	16.7	17.5
Hollinger Office:	21.6	27.2	22.4	31.2
Sandy:	9.9	12.5	19.1	23.4

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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:	1.5	2.3
Edwards:	0.8	1.4
Hollinger Office:	2.2	3.0
Sandy:	1.1	1.3

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

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.3	0.4	0.9
Hollinger West:	0.5	0.4	0.4
Imerys:	0.8	1.1	1.7
Noah:	1.1	1.4	1.6
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.8	0.5	0.6
Water Tower:	4.2	1.8	6.4
Wilson:	1.3	1.5	1.3