NexGen Makes Significant New Discoveries of Near Arrow Mineralization Northwest and Along Strike in Winter Drill Campaign

02.05.2018 | CNW

VANCOUVER, May 2, 2018 /CNW/ - NexGen Energy Ltd. ("NexGen" or the "Company") (TSX:NXE, NYSE MKT:NXE) report radioactivity results for fifty-four holes comprising 30,208 m from Arrow, South Arrow and regional exploration as now concluded winter drilling program on our 100% owned, Rook I property, in the Athabasca Basin, Saskatchewan.

Highlights:

Discovery of A0 Shear

Follow up drilling to the northwest of the Arrow deposit (where hole GAR-17-001 recently discovered mineralization tha 8.0 m at 1.43% U3O8) has successfully confirmed mineralization in a new shear named the "A0 Shear".

- AR-18-187c3 intersected 33.0 m of total composite mineralization including 0.3 m of total composite off-scale rad (>10,000 to 17,000 cps) within a 67.5 m section (535.5 to 603.0 m) in the A0 shear.

New Mineralization Intersected 160 m Northwest of the AO Shear

Furthermore, the last hole of the 2018 winter program intersected off-scale mineralization 160 m northwest of the A0 sh new area of mineralization has yet to be defined, meaning the northwest remains completely open and untested for the expansion of the Arrow Deposit.

- AR-18-208c1 intersected 10.5 m of total composite mineralization including 0.2 m of total composite off-scale rad (>10,000 to 32,800 cps) within a 182.5 m section (562.0 to 744.5 m) northwest of the A0 shear zone.

Mineralization Intersected to the Northeast of the A1 and A2 Shears

Drilling focused to the northeast of the Arrow Deposit, testing 50 m along strike from known mineralization at varying el intersected significant mineralization within the A1 and A2 shears. The systematic step-outs to the northeast show that remains largely open and untested at these elevations in the A1 and A2 shears.

- AR-18-189c4 intersected 40.0 m of total composite mineralization including 3.9 m of total composite off-scale rad (>10,000 to >61,000 cps) within a 54.0 m section (820.0 to 874.0 m) in the A1 and A2 shears. The hole successfu both the A1 and A2 shear zones to the northeast of existing A1 and A2 inferred resource grade shells.

A2 Shear Expansion

- AR-18-186c1 intersected 28.5 m of total composite mineralization including 5.3 m of total composite off-scale rad (>10,000 to >61,000 cps) within a 45.0 m section (507.5 to 552.5 m) in the A2 shear. The hole successfully expar thickness of the A2 shear zone to the northeast of the current A2 Inferred resource grade shells.

- AR-18-200c2 intersected 36.0 m of total composite mineralization including 5.1 m of total composite off-scale rad (>10,000 to >61,000 cps) within a 43.0 m section (739 to 782.0 m) in the A2 shear. The hole expanded the thickn shear zone, down-dip from the existing A2 high-grade domain.

A3 Shear Infill

Positive infill drill results from the A3 high-grade domains continued, where the objective was to convert Inferred to Indicated Mineral Resources, where the Indicated Mineral Resources only will be incorporated into the Pre-Feasibility Study scheduled for Q3/2018 release.

- AR-18-202c1 intersected 40.0 m of total composite mineralization including 4.55 m of total composite off-scale ra (>10,000 to >61,000 cps) within a 119.5 m section (477.5 to 597.0 m) in the A3 shear. The hole was designed as hole in the A3 high-grade domain with an objective to convert Inferred to Indicated Mineral Resources.

- AR-18-186c2 intersected 55.0 m of total composite mineralization including 3.75 m of total composite off-scale ra (>10,000 to >61,000 cps) within a 123.0 m section (393.0 to 516.0 m) in the A3 shear. The hole was designed as hole in the A3 high-grade domain with an objective to convert Inferred to Indicated Mineral Resources.

- AR-18-197c3 intersected 40.0 m of total composite mineralization including 3.55 m of total composite off-scale ra (>10,000 to >61,000 cps) within a 116.5 m section (595.0 to 711.5 m) in the A3 shear. The hole was designed as hole in the A3 high-grade domain with an objective to convert Inferred to Indicated Mineral Resources.

Regional Exploration

South Arrow

Expansion drilling intersected mineralization including off-scale radioactivity which was 175 m southwest of the main zo mineralization at South Arrow. The target area remains prospective for future exploration and expansion.

- AR-18-199c1 intersected 9.5 m of total composite mineralization including 0.1 m of total composite off-scale radio (>10,000 to 13,500 cps) within a 32.5 m section (345.5 to 378.0 m).

Patterson Conductor Corridor

Regional drilling on the Patterson Corridor focused on two high priority target areas, which included Mirror and the Arro Conductor. The Mirror target area is located 1.5 km southeast of the Arrow Deposit along a parallel conductor. The drill area successfully intersected the targeted VTEM conductor but did not encounter significant uranium mineralization. Th Conductor is situated approximately 2.5 km southwest and along strike from the Arrow Deposit, hosted within the same conductor. Arrow-type silicified semi-pelitic gneiss was intersected throughout in all of the 6 holes drilled in the area. Mo intense sericitic alteration, similar to Arrow-type alteration found proximal to the Arrow deposit was intersected in severa holes.

Drill hole locations and long sections are shown in Figures 1 to 4. Drill hole descriptions can be found at www.nexgener

Development, Activities & Financial

- The Arrow Deposit remains open in most directions, with high potential for future high-grade discoveries in close existing mineral resources.

- Pre-feasibility staged technical studies including geotechnical work, hydrogeological work, and metallurgy continu of the updated Mineral Resource Estimate and maiden Pre-Feasibility Study scheduled for the end of Q3 / early C

- The Company has cash on hand of approximately ~$150 million.

Troy Boisjoli, Vice-President, Operations and Project Development, commented: "The four winter 2018 drill program ob were successfully reached. Two significant exploration initiatives resulted in the discovery of an A0 shear zone, and se testing 160 m northwest of the A0 shear has also intersected intense mineralization within another, yet to be defined zo remains open. Additionally, expansion of Mineral Resources within the A1 and A2 shear zones from the AR-18-189 ser demonstrate Arrow remains open on strike. The continued success of resource expansion and near Arrow exploration d my experience, indicates the absolute scale of the Arrow Deposit will not be fully realized without significantly more drill ultimately, not until underground. Furthermore, the infill drilling highlights the robustness of the Arrow Mineral Resource has maximized available Indicated Mineral Resources for the purpose of the maiden Pre-Feasibility Study. Regional ex testing along strike from the Arrow Deposit successfully intersected prospective, Arrow-type alteration and lithological p which highlights the potential for future discoveries along the Patterson Lake Corridor. The team is looking forward to te new A0 shear, northwest of the A0, northeast of the A1 and A2 and to the southwest of Arrow during summer 2018. "

Leigh Curyer, Chief Executive Officer, commented: "The targeted winter drill campaign focused on converting Inferred to Indicated, expanding the overall footprint in previously untested areas and understanding future growth potential of Arrow. All of these were successfully achieved and with the discovery of the A0, intense mineralization 160m to the northwest of the A0, and to the northeast of the A1 and A2 shears, suggests substantial drilling is required to determine the ultimate extent of Arrow. Troy and his team are already in planning for a summer 2018 exploration and development program."

Table 1: Arrow Drill Hole Data

Drill Hole				Athabasca Group - Basement Unconformity	Handheld Scintillometer Results (RS-120)			
Hole ID	Azimuth	Dip	Total Depth (m)	Depth (m)	From (m)	To (m)	Width (m)	CPS Range
AR-18-186c1	330	-68	840.50	132.00	389.00	392.00	3.00	<500 - 33000
					405.50	406.00	0.50	<500 - 1020
					412.50	413.50	1.00	<500 - 8000
					417.00	426.50	9.50	<500 - 9000
					430.00	441.50	11.50	<500 - 61000
					446.00	446.50	0.50	<500 - 850
					454.00	462.50	8.50	<500 - 3800
					467.50	469.00	1.50	<500 - 1480
					507.50	514.50	7.00	<500 - 1450
					531.00	552.50	21.50	<500 - 61000
					582.50	583.00	0.50	<500 - 860
					585.50	586.00	0.50	<500 - 600
					590.00	597.50	7.50	<500 - 61000
					666.00	666.50	0.50	<500 - 680
					745.00	746.50	1.50	<500 - 1900
AR-18-186c2	330	-68	561.50	N/A	393.00	394.50	1.50	<500 - 1700
					406.00	407.00	1.00	<500 - 2300
					411.00	411.50	0.50	<500 - 2740
					432.00	435.50	3.50	<500 - 12000
					442.50	445.00	2.50	<500 - 61000
					448.00	452.50	4.50	<500 - 16000
					455.50	476.00	20.50	<500 - 61000

			479.50	482.50	3.00	<500 - 1720
			487.50	488.00	0.50	<500 - 520
			492.00	505.00	13.00	<500 - 4700
			507.50	508.50	1.00	<500 - 2300
			512.50	516.00	3.50	<500 - 1800
			550.00	554.00	4.00	<500 - 1250
AR-18-187c1	327	-70 657.50	117.00	237.50	238.00	0.50	<500 - 9400
				276.50	308.00	31.50	<500 - 5800
				316.00	320.50	4.50	<500 - 2710
				325.50	326.00	0.50	<500 - 505
				333.00	333.50	0.50	830 - 2690
				350.00	350.50	0.50	<500 - 1730
				402.50	406.50	4.00	<500 - 850
				421.00	423.50	2.50	<500 - 1500
				437.00	444.00	7.00	<500 - 1490
				478.50	481.50	3.00	<500 - 1100
				521.00	523.50	2.50	<500 - 26000
AR-18-187c2	327	-70 930.50	N/A	281.00	283.50	2.50	<500 - 930
				301.50	328.50	27.00	<500 - 5230
				331.00	331.50	0.50	750 - 1000
				335.50	343.00	7.50	<500 - 1160
				346.50	347.00	0.50	<500 - 710
				356.50	357.00	0.50	<500 - 600
				394.50	395.00	0.50	<500 - 900
				398.50	399.00	0.50	<500 - 540
				405.50	411.00	5.50	<500 - 1100
				414.00	431.00	17.00	<500 - 61000
				455.50	456.00	0.50	<500 - 520
				487.00	495.00	8.00	<500 - 1270
				892.50	893.50	1.00	<500 - 780
AR-18-187c3	327	-70 914.50	N/A	280.50	282.00	1.50	<500 - 700
				288.00			

302.00

14.00

<500 - 6580

			309.00	315.50	6.50	<500 - 3400
			330.00	347.50	17.50	<500 - 3400
			350.50	352.50	2.00	<500 - 1210
			359.50	360.50	1.00	<500 - 720
			408.50	413.00	4.50	<500 - 1200
			426.00	428.50	2.50	<500 - 880
			535.50	536.50	1.00	<500 - 690
			547.00	548.50	1.50	<500 - 17000
			552.50	557.00	4.50	<500 - 3590
			559.50	560.50	1.00	<500 - 710
			563.50	580.00	16.50	<500 - 2040
			583.50	585.50	2.00	<500 - 1260
			596.50	603.00	6.50	<500 - 9800
AR-18-187c4 327	-70 918.50	N/A	283.00	330.50	47.50	<500 - 33000
			339.50	340.00	0.50	<500 - 550
			401.00	404.50	3.50	<500 - 3000
			407.50	408.00	0.50	<500 - 720
			412.50	417.00	4.50	<500 - 19500
			419.50	427.00	7.50	<500 - 27000
			448.50	453.00	4.50	<500 - 2800
			460.00	460.50	0.50	<500 - 540
			675.50	677.50	2.00	<500 - 1600
AR-18-188c1 327	-70 519.00	125.65	420.00	420.50	0.50	<500 - 630
			432.00	432.50	0.50	<500 - 680
			477.50	478.00	0.50	<500 - 550
			483.50	489.00	5.50	<500 - 1800
AR-18-188c2 327	-70 582.00	N/A	428.00	428.50	0.50	<500 - 620
			432.50	434.00	1.50	<500 - 1050
			486.50	487.00	0.50	<500 - 725
			493.00	495.00	2.00	<500 - 15400
			500.00	501.50	1.50	<500 - 40000
			505.50			

507.00

1.50

<500 - 61000

AR-18-188c3	327	-70	597.00	N/A	440.00	440.50	0.50	<500 - 760
					443.50	444.50	1.00	<500 - 760
					495.50	496.00	0.50	<500 - 510
					506.50	512.00	5.50	<500 - 2100
					517.00	519.00	2.00	<500 - 9600
					521.50	527.00	5.50	<500 - 7800
					558.50	559.00	0.50	<500 - 560
AR-18-189c1	327	-70	984.50	128.00	704.00	705.00	1.00	<500 - 1100
					855.00	859.00	4.00	<500 - 2258
					867.00	871.00	4.00	<500 - 8200
					884.50	885.50	1.00	<500 - 1400
AR-18-189c2	327	-70	1056.50	N/A	No Anomalous Radioactivity			
AR-18-189c3	327	-70	972.50	N/A	828.50	836.50	8.00	<500 - 4700
					843.50	848.00	4.50	<500 - 2200
					850.50	855.00	4.50	<500 - 2400
					862.50	873.00	10.50	<500 - 5600
					879.50	885.00	5.50	<500 - 35000
AR-18-189c4	327	-70	930.50	N/A	820.00	826.00	6.00	<500 - 61000
					832.00	852.50	20.50	<500 - 61000
					855.50	868.50	13.00	<500 - 18500
					873.50	874.00	0.50	<500 - 600
AR-18-189c5	327	-70	915.50	N/A	424.50	425.00	0.50	<500 - 1240
					798.50	802.50	4.00	<500 - 24400
					807.00	808.50	1.50	<500 - 2000
					812.50	813.00	0.50	<500 - 840
					816.50	819.50	3.00	<500 - 950
					829.50	832.50	3.00	<500 - 8000
					836.00	842.00	6.00	<500 - 6800
AR-18-195c1	327	-70	519.50	N/A	395.50	396.00	0.50	<500 - 600
					406.50	407.00	0.50	<500 - 1010
					409.50	410.50	1.00	<500 - 3700
					414.00			

415.00

1.00

<500 - 39000

			428.50	432.00	3.50	<500 - 61000
			436.00	465.00	29.00	<500 - 61000
AR-18-195c2	327	-70 543.50	N/A	405.00	406.00	1.00	<500 - 3000
			409.00	409.50	0.50	<500 - 630
			415.50	416.00	0.50	<500 - 20000
			420.00	421.00	1.00	<500 - 4500
			431.00	433.00	2.00	<500 - 61000
			441.50	442.00	0.50	<500 - 4800
			446.00	451.00	5.00	<500 - 22000
			457.00	460.50	3.50	<500 - 33000
			463.00	463.50	0.50	<500 - 1700
			467.00	469.50	2.50	<500 - 16000
			472.50	486.00	13.50	<500 - 61000
AR-18-195c3	327	-70 501.50	N/A	387.00	395.50	8.50	<500 - 3200
			398.00	405.00	7.00	<500 - 8000
			430.00	433.00	3.00	<500 - 1060
			436.00	437.00	1.00	<500 - 1100
AR-18-197c1	327	-70 630.50	N/A	522.50	523.00	0.50	<500 - 580
			563.00	564.50	1.50	<500 - 28000
			575.50	576.50	1.00	<500 - 60000
			582.00	582.50	0.50	<500 - 2050
			587.00	591.50	4.50	<500 - 2550
			595.50	596.50	1.00	<500 - 1300
			606.50	608.50	2.00	<500 - 1400
			612.50	618.50	6.00	<500 - 2200
			623.00	627.00	4.00	<500 - 830
			630.00	630.50	0.50	<500 - 1450
AR-18-197c2	327	-70 813.50	N/A	585.00	585.50	0.50	500 - 20500
			594.50	598.00	3.50	<500 - 5800
			610.50	620.50	10.00	<500 - 61000
			624.00	629.50	5.50	<500 - 2800
			690.00			

696.50

6.50

<500 - 2700

			703.50	704.00	0.50	<500 - 700
			719.00	719.50	0.50	<500 - 1150
			753.00	753.50	0.50	<500 - 550
			765.50	769.50	4.00	<500 - 13200
AR-18-197c3	327	-70 723.50 N/A	549.00	549.50	0.50	<500 - 570
			586.00	586.50	0.50	<500 - 7200
			589.50	590.50	1.00	<500 - 5800
			595.00	596.00	1.00	500 - 61000
			620.00	621.00	1.00	<500 - 61000
			630.50	631.00	0.50	<500 - 780
			634.50	635.00	0.50	<500 - 3200
			638.00	655.50	17.50	<500 - 61000
			659.00	661.50	2.50	<500 - 7100
			666.50	669.00	2.50	<500 - 2550
			673.00	674.00	1.00	<500 - 1360
			676.50	687.50	11.00	<500 - 1630
			703.00	703.50	0.50	<500 - 1000
			707.00	708.50	1.50	<500 - 1800
			711.00	711.50	0.50	<500 - 530
AR-18-197c4	327	-70 858.50 N/A	607.00	608.50	1.50	<500 - 61000
			616.00	616.50	0.50	<500 - 7600
			632.50	634.00	1.50	<500 - 61000
			641.00	643.00	2.00	<500 - 11500
			645.50	646.50	1.00	<500 - 8450
			658.50	660.50	2.00	<500 - 1000
			664.00	665.00	1.00	<500 - 1400
			667.50	668.00	0.50	<500 - 790
			674.50	688.50	14.00	<500 - 61000
			697.50	698.00	0.50	<500 - 505
			744.50	745.00	0.50	<500 - 590
			759.00	760.00	1.00	<500 - 2100
			784.50			

786.50

2.00

<500 - 16600

			789.50	790.50	1.00	<500 - 2600
			827.00	832.00	5.00	<500 - 13000
			835.50	838.00	2.50	<500 - 4100
AR-18-200c1 327	-70 885.50	121.20	489.50	492.50	3.00	<500 - 1900
			530.50	531.50	1.00	<500 - 6200
			536.00	537.00	1.00	<500 - 3600
			606.50	607.00	0.50	<500 - 6500
			627.50	629.00	1.50	<500 - 16000
			634.50	635.00	0.50	<500 - 1600
			645.50	646.00	0.50	<500 - 2000
			651.00	651.50	0.50	<500 - 27000
			659.00	671.00	12.00	<500 - 5000
			674.00	689.50	15.50	<500 - 4700
			705.50	710.50	5.00	<500 - 3250
			714.00	716.00	2.00	<500 - 2950
			728.50	729.00	0.50	<500 - 1290
			737.50	740.50	3.00	<500 - 3200
			745.50	759.50	14.00	<500 - 61000
			763.50	774.00	10.50	<500 - 24000
AR-18-200c2 327	-70 900.00	N/A	531.00	532.00	1.00	<500 - 1100
			536.00	536.50	0.50	<500 - 810
			644.50	647.50	3.00	<500 - 21000
			653.00	653.50	0.50	<500 - 12800
			672.50	692.00	19.50	<500 - 3200
			702.00	703.50	1.50	<500 - 13000
			721.50	736.50	15.00	<500 - 5360
			739.00	769.50	30.50	<500 - 61000
			772.00	774.00	2.00	<500 - 1010
			779.00	782.00	3.00	<500 - 2300
			835.00	835.50	0.50	<500 - 690
AR-18-200c3 327	-70 882.50	N/A	618.50	619.00	0.50	<500 - 4400
			645.00			

645.50

0.50

<500 - 11000

			648.50	649.00	0.50	<500 -	2250
			653.00	653.50	0.50	<500 -	1100
			664.00	664.50	0.50	<500 -	530
			667.00	671.00	4.00	<500 -	4300
			673.50	675.50	2.00	<500 -	1890
			679.00	683.50	4.50	<500 -	15000
			693.50	699.50	6.00	<500 -	2500
			715.00	726.00	11.00	<500 -	1380
			730.50	746.50	16.00	<500 -	2400
			758.00	759.50	1.50	<500 -	61000
			765.50	770.50	5.00	<500 -	7300
			810.00	810.50	0.50	<500 -	650
AR-18-200c4	327	-70 870.50	N/A	503.00	503.50	0.50	<500 - 940
			514.50	515.00	0.50	<500 -	1210
			521.50	522.00	0.50	<500 -	8750
			611.50	616.50	5.00	<500 -	23000
			628.50	631.50	3.00	<500 -	5600
			634.50	639.00	4.50	<500 -	21000
			644.00	644.50	0.50	<500 -	750
			649.50	651.50	2.00	<500 -	2220
			654.50	656.50	2.00	<500 -	2020
			678.00	682.00	4.00	<500 -	3200
			724.00	744.00	20.00	<500 -	54000
			749.50	761.00	11.50	<500 -	60000
			766.00	767.50	1.50	<500 -	3000
			773.00	777.00	4.00	<500 -	7100
			781.00	788.50	7.50	<500 -	4990
			791.50	792.00	0.50	<500 -	820
			796.00	799.00	3.00	<500 -	12100
AR-18-202c1	327	-70 600.50	N/A	451.00	452.00	1.00	<500 - 1850
			461.50	465.00	3.50	<500 -	7750
			473.50				

474.50

1.00

<500 - 720

			477.50	483.00	5.50	<500 - 30000
			485.50	486.50	1.00	<500 - 2100
			495.50	509.50	14.00	<500 - 61000
			512.00	523.50	11.50	<500 - 61000
			528.00	529.00	1.00	<500 - 6000
			532.00	536.00	4.00	<500 - 61000
			541.00	541.50	0.50	<500 - 15000
			550.00	550.50	0.50	<500 - 1100
			565.00	566.50	1.50	<500 - 800
			596.50	597.00	0.50	<500 - 550
AR-18-202c2 327	-70 621.50	N/A	368.50	369.50	1.00	<500 - 1300
			455.50	456.00	0.50	<500 - 620
			461.50	468.00	6.50	<500 - 5600
			478.50	479.50	1.00	<500 - 1200
			483.50	484.50	1.00	<500 - 24000
			494.50	495.00	0.50	<500 - 630
			504.00	509.50	5.50	<500 - 16000
			516.50	517.00	0.50	<500 - 2500
			522.00	524.50	2.50	<500 - 39000
			528.00	530.00	2.00	<500 - 32000
			532.50	533.00	0.50	<500 - 740
			543.50	544.50	1.00	<500 - 2800
			549.00	552.00	3.00	<500 - 10800
			571.50	576.50	5.00	<500 - 61000
			580.00	581.00	1.00	<500 - 1700
			593.50	595.00	1.50	<500 - 1300
			604.50	616.50	12.00	<500 - 7800
AR-18-205c1 355	-70 571.00	103.15	No Anomalous Radioactivity			
AR-18-206c1 327	-68 777.50	103.95	501.50	504.00	2.50	<500 - 1000
			553.50	557.50	4.00	<500 - 14000
			575.50	576.00	0.50	<500 - 1300
			584.00			

585.50

1.50

<500 - 16000

				634.50	635.00	0.50	1000 - 61000
				640.00	640.50	0.50	<500 - 600
				649.00	657.50	8.50	<500 - 29000
				671.50	676.50	5.00	<500 - 34000
				681.00	690.00	9.00	<500 - 42000
				694.50	695.00	0.50	<500 - 1750
				697.50	700.00	2.50	<500 - 4900
				712.50	717.50	5.00	<500 - 890
				726.00	726.50	0.50	<500 - 2350
				732.00	732.50	0.50	<500 - 1150
				738.00	738.50	0.50	<500 - 530
				742.00	745.50	3.50	<500 - 5300
				751.00	751.50	0.50	<500 - 500
				761.50	771.00	9.50	<500 - 5200
AR-18-207c1	327	-68	1083.50	123.40	573.00	575.50	2.50	<500 - 4000
				580.50	581.00	0.50	<500 - 1900
				712.00	712.50	0.50	<500 - 7500
AR-18-208c1	327	-68	802.70	108.15	198.50	199.00	0.50	<500 - 1050
				562.00	562.50	0.50	<500 - 1350
				598.00	598.50	0.50	<500 - 1170
				637.50	638.00	0.50	<500 - 8900
				662.00	662.50	0.50	<500 - 600
				686.00	688.50	2.50	<500 - 32800
				717.50	722.50	5.00	<500 - 1020
				743.50	744.50	1.00	<500 - 660
AR-18-209c1	327	-68	762.50	115.60	500.50	507.00	6.50	<500 - 1730
				709.00	709.50	0.50	<500 - 580

Parameters:

- Maximum internal dilution 2.00 m downhole
- All depths and intervals are metres downhole, true thicknesses are yet to be determined
- "Anomalous" means >500 cps (counts per second) total count gamma readings by gamma scintillometer type RS
- "Off-scale" means >10,000 cps (counts per second) total count gamma readings by gamma scintillometer type RS
- Where "Min cps" is <500 cps, this refers to local low radiometric zones within the overall radioactive interval

- Directional drilling has often resulted in mineralization intersected at a more favourable and shallower dip

Table 2: South Arrow Drill Hole Data

Drill Hole				Athabasca Group - Basement Unconformity Depth (m)	Handheld Scintillometer Results (RS-120)			
Hole ID	Azimuth	Dip	Total Depth (m)		From (m)	To (m)	Width (m)	CPS Range
AR-18-190c1	315	-68	348.00	N/A	No Anomalous Radioactivity			
AR-18-191c1	315	-70	375.00	N/A	No Anomalous Radioactivity			
AR-18-192c1	315	-68	429.00	N/A	300.50	301.00	0.50	<500 - 550
					304.00	305.00	1.00	<500 - 970
AR-18-193c1	315	-70	657.50	N/A	No Anomalous Radioactivity			
AR-18-194c1	315	-68	555.50	N/A	356.50	357.00	0.50	<500 - 2800
					375.50	376.00	0.50	<500 - 505
					457.50	458.00	0.50	<500 - 570
					470.00	470.50	0.50	<500 - 550
					478.00	479.00	1.00	<500 - 850
AR-18-196c1	315	-67	615.50	N/A	No Anomalous Radioactivity			
AR-18-198c1	315	-68	543.00	N/A	338.50	339.50	1.00	<500 - 1200
					367.50	368.00	0.50	<500 - 600
					456.00	458.00	2.00	<500 - 2200
					460.50	465.00	4.50	<500 - 3300
					468.50	469.00	0.50	<500 - 505
AR-18-199c1	315	-68	567.00	N/A	345.50	347.50	2.00	<500 - 850
					350.50	351.00	0.50	<500 - 620
					359.50	360.00	0.50	<500 - 580
					374.50	378.00	3.50	<500 - 13500
AR-18-199c2	315	-68	486.00	N/A	402.00	402.50	0.50	<500 - 700
AR-18-201c1	315	-66	444.00	N/A	252.00	252.50	0.50	<500 - 630
AR-18-203c1	315	-66	510.50	N/A	253.50	254.00	0.50	<500 - 790
AR-18-204c1	315	-66	524.00	N/A	No Anomalous Radioactivity			

Parameters:

- Maximum internal dilution 2.00 m downhole
- All depths and intervals are metres downhole, true thicknesses are yet to be determined
- "Anomalous" means >500 cps (counts per second) total count gamma readings by gamma scintillometer type RS
- "Off-scale" means >10,000 cps (counts per second) total count gamma readings by gamma scintillometer type RS
- Where "Min cps" is <500 cps, this refers to local low radiometric zones within the overall radioactive interval
- Directional drilling has often resulted in mineralization intersected at a more favourable and shallower dip

Table 3: Regional Exploration Hole Data

Drill Hole				Athabasca Group -	Handheld Scintillometer Results (RS-120)			
Hole ID	Azimuth	Dip	Total Depth (m)	Basement Unconformity Depth (m)	From (m)	To (m)	Width (m)	CPS Range
RK-18-120	140	-70	615.50	N/A	No Anomalous Radioactivity			
RK-18-121	340	-70	609.00	N/A	No Anomalous Radioactivity			
RK-18-122	320	-70	651.50	N/A	No Anomalous Radioactivity			
RK-18-123	340	-70	561.50	N/A	No Anomalous Radioactivity			
RK-18-124	340	-67	504.50	N/A	No Anomalous Radioactivity			
*RK-18-125	320	-66	496.00	N/A	290.00	291.50	1.50	<500 - 4300
					321.00	323.00	2.00	<500 - 2700
RK-18-126	327	-66	532.50	N/A	No Anomalous Radioactivity			
RK-18-127	345	-66	423.50	N/A	No Anomalous Radioactivity			
RK-18-128	320	-66	407.00	N/A	No Anomalous Radioactivity			
RK-18-129	325	-66	399.00	N/A	No Anomalous Radioactivity			

Parameters:

- Maximum internal dilution 2.00 m downhole
- All depths and intervals are metres downhole, true thicknesses are yet to be determined
- "Anomalous" means >500 cps (counts per second) total count gamma readings by gamma scintillometer type RS
- "Off-scale" means >10,000 cps (counts per second) total count gamma readings by gamma scintillometer type RS
- Where "Min cps" is <500 cps, this refers to local low radiometric zones within the overall radioactive interval
- Directional drilling has often resulted in mineralization intersected at a more favourable and shallower dip
- *Mineralization listed in RK-18-125 was determined via a RS-125 Spectrometer to be of a Thorium source.

About NexGen

NexGen is a British Columbia corporation with a focus on the acquisition, exploration and development of Canadian uranium projects. NexGen has a highly experienced team of uranium industry professionals with a successful track record in the discovery of uranium deposits and in developing projects through discovery to production.

NexGen owns a portfolio of prospective uranium exploration assets in the Athabasca Basin, Saskatchewan, Canada, including a 100% interest in Rook I, location of the Arrow Deposit in February 2014, the Bow discovery in March 2015, the Harpoon discovery in August 2016 and the Arrow South discovery in July 2017. The Arrow deposit's updated mineral resource estimate with an effective date of December 20, 2016 was released in March 2017, and comprised 179.5 M lbs U3O8 contained in 1.18 M tonnes grading 6.88% U3O8 in the Indicated Mineral Resource category and an additional 122.1 M lbs U3O8 contained in 4.25 M tonnes grading 1.30% U3O8 in the Inferred Mineral Resource category.

Technical Information

Natural gamma radiation in drill core reported in this news release was measured in counts per second (cps) using a Radiation Solutions Inc. RS-120 gamma-ray scintillometer. The reader is cautioned that total count gamma readings may not be directly or uniformly related to uranium grades of the rock sample measured; they should be used only as a preliminary indication of the presence of radioactive minerals.

Split core samples will be taken systematically, and intervals will be submitted to SRC Geoanalytical Laboratories (an SCC ISO/IEC 17025: 2005 Accredited Facility) of Saskatoon for analysis. All samples sent to SRC will be analyzed using ICP-MS for trace elements on partial and total digestions, ICP-OES for major and minor elements on a total digestion, and fusion solution of boron by ICP-OES. Mineralized samples are analyzed for U3O8 by ICP-OES and select samples for gold by fire assay. Assay results will be released when received and after stringent internal QA/QC protocols are passed.

All scientific and technical information in this news release has been prepared by or reviewed and approved by Mr. Troy Boisjoli, Geoscientist Licensee, Vice President – Operations & Project Development for NexGen. Mr. Boisjoli is a qualified person for the purposes of National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"), and has verified the sampling, analytical, and test data underlying the information or opinions contained herein by reviewing original data certificates and monitoring all of the data collection protocols.

For details of the Rook I Project including the quality assurance program and quality control measures applied and key assumptions, parameters and methods used to estimate the mineral resource please refer to the technical report entitled "Technical Report on the Preliminary Economic Assessment of the Arrow Deposit, Rook 1 Property, Province of Saskatchewan, Canada" dated effective September 1, 2017 (the "Rook 1 Technical Report") prepared by Jason J. Cox, David M. Robson, Mark B. Mathisen, David A. Ross, Val Coetzee and Mark Wittrup, each of whom is a "qualified person" under NI 43-101. The Rook I Technical Report is available for review under the Company's profile on SEDAR at www.sedar.com.

U.S. investors are advised that while the terms "indicated resources" and "inferred resources" are recognized and required by Canadian regulations, the U.S. Securities and Exchange Commission does not recognize these terms. U.S. investors are cautioned not to assume that any part or all of the material in these categories will ever be converted into mineral reserves.

Forward-Looking Information

The information contained herein contains "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and "forward-looking information" within the meaning of applicable Canadian securities legislation. "Forward-looking information" includes, but is not limited to, statements with respect to the activities, events or developments that the Company expects or anticipates will or may occur in the future. Generally, but not always, forward-looking information and statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or the negative connotation thereof or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved" or the negative connotation thereof.

Forward-looking information and statements are based on the then current expectations, beliefs, assumptions, estimates and forecasts about NexGen's business and the industry and markets in which it operates. Forward-looking information and statements are made based upon numerous assumptions, including among others, that the proposed transaction will be completed, the results of planned exploration activities are as anticipated, the price of uranium, the cost of planned exploration activities, that financing will

be available if and when needed and on reasonable terms, that third party contractors, equipment, supplies and governmental and other approvals required to conduct NexGen's planned exploration activities will be available on reasonable terms and in a timely manner and that general business and economic conditions will not change in a material adverse manner. Although the assumptions made by the Company in providing forward looking information or making forward looking statements are considered reasonable by management at the time, there can be no assurance that such assumptions will prove to be accurate.

Forward-looking information and statements also involve known and unknown risks and uncertainties and other factors, which may cause actual results, performances and achievements of NexGen to differ materially from any projections of results, performances and achievements of NexGen expressed or implied by such forward-looking information or statements, including, among others, negative operating cash flow and dependence on third party financing, uncertainty of the availability of additional financing, the risk that pending assay results will not confirm previously announced preliminary results, imprecision of mineral resource estimates, the appeal of alternate sources of energy and sustained low uranium prices, aboriginal title and consultation issues, exploration risks, reliance upon key management and other personnel, deficiencies in the Company's title to its properties, uninsurable risks, failure to manage conflicts of interest, failure to obtain or maintain required permits and licenses, changes in laws, regulations and policy, competition for resources and financing, and other factors discussed or referred to in the Company's Annual Information Form dated March 31, 2017 under "Risk Factors".

Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in the forward-looking information or implied by forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended.

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There can be no assurance that forward-looking information and statements will prove to be accurate, as actual results and future events could differ materially from those anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking statements or information. The Company undertakes no obligation to update or reissue forward-looking information as a result of new information or events except as required by applicable securities laws.

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