

Aurion Resources Provides Update on 2018 Exploration Campaign

22.10.2018 | [CNW](#)

ST. JOHN'S, Oct. 22, 2018 /CNW/ - [Aurion Resources Ltd.](#) (TSX VENTURE:AU) ("Aurion" or the "Company") is pleased to provide an update on its surface exploration and drilling program at its Risti Project in northern Finland.

Summary

- Hole 51, 25m down dip of Hole 42 encountered a vein which assayed 17.5g/t Au over 1.1m at the Aamurusko Main target
- 10 drillholes within the vicinity of Hole 42 have been drilled to date, 5 have assays pending
- Diamond drilling continues at Risti with a 3rd diamond drill rig being added in 7-10 days
- Assays from trenching are pending for several key targets including Ynot and Notches

A total of 44 drill holes and 6,297 metres (m) of 15,000 m planned have been completed since early July. Assays have been received for 36 drillholes to date. Assays are pending for an additional 8 drillholes. Four targets were tested including Main, Aamurusko West, Aamurusko NW and A2. Diamond drilling with two drills continues at Aamurusko Main target and a third drill has been added and is anticipated to arrive in 7-10 days. A summary of assay results received to date are presented and further discussed below. Maps and sections can be found on Aurion's website by clicking the following link <https://aurionresources.com/site/assets/files/1256/nr221018figures.pdf>.

Extensive trenching has been conducted over a distance of more than 8 km from YNot to the Notches area. A total of 40 trenches have been excavated, mapped and channel sampled. Assays are pending for the majority and will be compiled accordingly. Trenching has confirmed that many boulder sources are in bedrock immediately beneath or proximal. This is common across Risti. Many more targets remain to be trenched and this will continue in spring 2019. Several trenches will be drill tested during the current campaign.

Over 4,000 prospecting rock samples have been collected across the Risti property to date. Only 25-30% of the 15,000 m² property has been systematically prospected. Many new targets have been identified for further follow-up.

Aamurusko Main Target Drilling

Drilling continues to intersect quartz veins occurring proximal to the sheared contact between clastic sediments of the Kumpu Group and a gabbro sill on the contact between the Kumpu Group and mafic and ultramafic volcanics of the Sodankylä Group immediately north of the Aamurusko boulder field. However, current structural geological interpretation indicates a complex mineralizing system, which is often typical of orogenic gold systems. With only 10 drillholes into the main target and assays received for only 5, the structural controls on mineralization are still not fully understood.

Ten (10) drillholes have been completed over strike of approximately 100 m in the vicinity of drillhole AM18042 where a wide fault fill vein with coarse visible gold was intersected. It assayed 789.06 g/t Au over 2.90 m from 116.10 to 119.00 m. AM18051 intersected a 0.65 m assaying 3,510.00 g/t Au (See press release dated Sept 19, 2018). Two additional drillholes, AM18051 and 052 were completed on the same section as AM18042, intersecting quartz veining on the sheared contact between gabbro and clastic sediments. The best result was of a shear vein in drillhole AM18051 which assayed 17.46 g/t Au over 1.1 m including 3.07 g/t Au over 0.45 m within an approximate 3 m wide vein zone, 25 m downdip of the AM18042 intercept. AM18054 a further 25 m downdip intersected a 4.7 m wide chaotic vein zone at the contact but with only weakly anomalous values.

Drillholes AM18052 and 53 were drilled from the same setup as 42, 51 and 54 but at a southeasterly azimuth to test the target approximately 35 m to the east. Multiple extensional and stockwork or breccia vein zones were encountered throughout the AM18052. Only anomalous values were encountered including a best assay result of 0.53 g/t Au over 0.55 m right at the contact.

Drillhole AM18053 intersected a 3.5 m wide breccia vein zone from 102.00 to 105.50 m in clastic sediments with anomalous values throughout including 3.07 g/t Au over 0.53 m. No significant quartz veining was encountered at the gabbro contact. A zone of gold mineralization comprising quartz carbonate veins and stringers with several percent arsenopyrite, galena and sphalerite was intersected at 196.1 to 203.7 m depth in the gabbro. The best assay result was 4.76 g/t Au over 1.2 m including 3.07 g/t Au over 0.5 m.

Four drillholes, AM18055, 56, 58 and 61, on two fences were drilled to test the target 55 and 75 m to the west of the main target drillhole AM18042. Assays are pending for these drillholes.

Approximately 230 m east of AM18042 seven drillholes AM18032-38 were completed in the area of drillhole AM18035

intersected mineralization including a 5.20 m wide zone assaying 12.45 g/t Au from 53.50 to 58.70 m downhole including Au over 0.50 m, and 54.3 g/t over 0.49 m. Further up hole a 1.55 m wide quartz vein zone from 36.65 to 38.20 m assayed 8.74 g/t Au and from 26.30 to 28.04 m a 1.74 m wide quartz vein zone assayed 9.62 g/t Au. Drillholes AM18060 and 62 were further tests of the mineralization in AM18035 but hole Am18060 had to be abandoned due to bad ground conditions.

Drillholes AM18059 and 057 were 100 m and 500 m step-outs to the east of AM18035 respectively. Assays are pending on these drillholes.

Aamurusko Drillhole Summary Table					
HOLE_ID	FROM_m	TO_m	Width_m	Au_ppm (g/t)	Comments
Aamurusko Main Target					
AM18032	151.65	151.97	0.32	1.83	
AM18033	68.50	70.50	2.00	1.45	
AM18034	49.76	50.66	0.90	0.85	
AM18035	26.3	28.04	1.74	9.62	
incl	26.3	26.94	0.64	23.30	
AND	36.65	38.20	1.55	8.74	
incl	37.18	37.7	0.52	24.80	
AND	53.50	58.70	5.20	12.45	
incl	53.50	54.05	0.55	7.46	
incl	54.50	55.00	0.50	66.70	
incl	57.65	58.14	0.49	54.30	
AM18036	45.23	47.08	1.85	1.29	
AM18037				NSV	Lost in fault
AM18038				NSV	Didn't reach target
AM18042	69.91	72.00	2.09	1.74	
AND	90.15	91.00	0.86	3.52	
AND	116.10	119.00	2.90	789.06	
incl	116.10	116.75	0.65	3510.00	1.1 m of lost core from 116.75 to 117.85 m; assigned a value of 3510 g/t
incl	117.85	119.00	1.15	5.89	
AM18051	114.30	115.40	1.10	17.46	25 m downdip undercut of 42
incl	114.30	114.95	0.65	2.27	
incl	114.95	115.40	0.45	39.4	
AM18052					

70.00

70.55

0.55

1.77

Wide zones of anomalous quartz stockwork and breccia veins

AND	93.77	96.35	2.58	0.36	
incl	93.77	94.50	0.73	0.96	
AND	107.45	108.00	0.55	0.53	
AM18053	102.80	103.33	0.53	3.07	
AND	196.10	196.60	0.50	1.39	Highly anomalous As-Pb-Zn
AND	202.50	203.70	1.20	4.76	Highly anomalous As-Pb-Zn
incl	202.50	203.00	0.50	9.12	
incl	203.00	203.35	0.35	2.39	
AM18054				NSV	
AM18055				Assays Pending	
AM18056				Assays Pending	
AM18057				Assays Pending	
AM18058				Assays Pending	
AM18059				Assays Pending	
AM18060				Abandoned	Abandoned
AM18061				Assays Pending	
AM18062				Assays Pending	
AM18063				Assays pending	
Aamurusko West Target					
RB18001				NSV	Only anomalous values up to 0.57 g/t over 0.50 m intersected.
RB18002				NSV	
RB18003				NSV	
RB18004				NSV	
Aamurusko NW Target					
AM18024	227.00	228.00	1.00	4.17	
AM18025	136.00	137.00	1.00	0.51	
AM18026	181.90	182.50	0.60	25.00	
AND	190.30	191.30	1.00	5.03	
AM18027	153.00	154.00	1.00	2.05	
and					

173.00

191.00

18.00

0.43



AM18028	106.50	107.00	0.50	0.73	
and	168.70	172.90	4.20	1.19	
incl	171.93	172.90	0.97	2.84	
AM18029	152.00	153.00	1.00	2.45	
and	175.00	176.50	1.50	1.86	
AM18030	92.00	93.00	1.00	1.07	
AM18031	102.13	102.44	0.31	1.57	
A2 Target					
AM18039	38.96	39.31	0.35	1.77	
AM18040	42.40	42.75	0.35	3.99	
AM18041	38.45	38.90	0.45	22.00	
AM18043	31.40	31.78	0.38	1.65	
AM18044				NSV	
All widths are core widths and may not represent true widths. Assay values are uncut.					
AM18045				NSV	
The veins encountered in drilling are variably mineralized with trace to a few percent iron oxides (after sulphides), pyrite, arsenopyrite, pyrrhotite, chalcopyrite, galena, sphalerite and/or locally visible gold. The veins are also accompanied by amounts/intensity of fuchsite, sericite, potassium feldspar and iron carbonate alteration.					
AM18047	37.45	37.83	0.38	4.53	
AM18048	Aamurusko Northwest			NSV	
AM18049	No new results to report since Sept 19 th press release..			NSV	The best assay was 25.00 g/t Au over 0.60 m from 181.9 to 182.5 m from drillhole AM18026.
AM18050				NSV	

Aamurusko West (RBMV)

Only anomalous values received from assays of 4 drillholes.

A2 Prospect

No new significant assays were received since the Sept 19th press release. The best assay result to date was 22.00 g/t Au over 0.45 m from 38.45 to 38.90 m downhole in drillhole AM18041.

Comment

"Despite slow drilling production and slow assay laboratory turn around of results, our second field season and second campaign at Risti and Aamurusko continue to advance the project immensely. The discovery of high grade gold mineralization in both shear veins and extensional veins immediately north of the main Aamurusko boulder field supports proof of concealing a concealed structure(s) dipping to the north. It also indicates multiple gold enriching events. Additionally, the discovery of auriferous gold mineralization in trenching and drill core in multiple targets over a distance of more than 8 km suggests a mineralizing system at Aamurusko and Risti in general may have considerable scale. It is important for readers to keep context, commented Mike Basha, President and CEO. "There are many targets over >15 km of strike across Risti that warrant a lot of drill testing. Aurion is funded to advance the Aamurusko discovery and the Risti Project into the foreseeable future."

a very exciting time for Aurion and its shareholders".

Background

The geological setting of the Risti project has many similarities to prolific gold-rich orogenic gold belts globally, specifically the Timmins camp of the Abitibi province of Northern Ontario. The Aamurusko zone appears to be underlain by young unconsolidated clastic rocks (meta-sandstones and conglomerates) of the Kumpu Group. These Kumpu Group conglomerates resemble the Timiskaming conglomerates of the Timmins and Kirkland Lake area of the Abitibi province and occur in a similar geological setting (both represent the youngest stratigraphic sequence within their respective belts). The Kumpu Group and the Timiskaming Group were deposited in late orogenic extensional basins. They form in relation to major movement along regional fault and deformation zones. In the Abitibi province, many high-grade, multimillion-ounce gold deposits are temporally and spatially associated with the Timiskaming conglomerates (or their equivalents) in close proximity to major regional deformation zones, such as the Porcupine-Destor or Cadillac Lake-Larder Lake deformation zones. The Kumpu Group appears to have been deposited in a similar geological setting adjacent to the Sirkka shear zone, which is a major deformation zone in the Central Lapland Greenstone Belt. Strong alteration including fuchsite, tourmaline, iron carbonate, albite and quartz veining is seen along the entire length of this structure.

Quality Assurance and Quality Control

All samples were delivered to ALS Minerals preparation facility in Sodankylä, Finland where sample preparation work was completed. All analytical work was completed at ALS Minerals facility in Loughrea, Ireland. ALS Minerals is an international accredited lab and are ISO compliant (ISO 9001:2008, ISO/IEC 17025:2005). All samples were analyzed for gold using the Au-AA26 procedure (50g fire assay with AAS finish: Lower Detection Limit 0.01 g/t gold; Upper Limit ≤ 100 g/t gold). Samples that returned overlimit values (>90.0 g/t gold) or had visual indication of mineralization, such as visible gold or vein intervals (>90.0 g/t gold) were analyzed by Au-SCR24 1kg, Screen Fire Assay Au (0.05-1,000 ppm) by 1kg screen (50g nominal sample weight). The sample pulp (1kg) is passed through a 100 micron stainless steel screen. Any material remaining on the screen (>100 micron) is retained and analyzed in its entirety by fire assay with gravimetric finish and reported as the Au (+) fraction. The material passing through the screen (<100 micron) is homogenized and two sub-samples are analyzed by fire assay with AAS finish. The average of the two AAS results is taken and reported as the Au (-) fraction result. All three are used in calculating the combined gold content of the plus and minus fractions. The gold values for both the (+) 100 micron fractions are reported together with the weight of each fraction as well as the calculated total gold content of the sample. Multi-element analysis (ME-ICP61, four-acid digestion, 35 element ICP-AES) was completed on all samples. Certified standards and blanks were inserted every 30 samples. ALS has its own QA/QC protocol using standards, blanks and duplicates.

Forward-Looking Statement

Certain statements contained in this release constitute forward-looking information. These statements relate to future performance. The use of any of the words "could", "intend", "expect", "believe", "will", "projected", "estimated" and other expressions and statements relating to matters that are not historical facts are intended to identify forward-looking information. These statements are based on the Companies' current belief or assumptions as to the outcome and timing of such future events. Actual results may differ materially. The forward-looking information contained in this release is made as of the date hereof and the Company is not obligated to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by applicable securities laws. Because of the risks, uncertainties and assumptions contained in this release, investors should not place undue reliance on forward-looking information. The foregoing statements expressly qualify all forward-looking information contained herein.

On behalf of the Board of Directors,

Michael Basha, Chief Executive Officer

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Contact

Mike Basha, P.Eng., P.Geo., President and CEO of Aurion, a Qualified Person as defined by National Instrument 43-101, is responsible for the preparation of this release. For more information on these projects please visit our website at www.aurionresources.com.

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Die URL für diesen Artikel lautet:

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