

Aton Confirms the Discovery of a New Zone of Gold Mineralization at Gaharish North

23.04.2018 | [GlobeNewswire](#)

VANCOUVER, British Columbia, April 23, 2018 (GLOBE NEWSWIRE) -- [Aton Resources Inc.](#) (TSX-V:AAN) ("Aton" or the "Company") is pleased to provide investors with an update on exploration activities at the Abu Gaharish and Gaharish North prospects at the Company's 100% owned Abu Marawat Concession ("Abu Marawat" or the "Concession"), located in the Eastern Desert of Egypt.

Abu Marawat regional geology, showing the location of the Abu Gaharish prospect

Gaharish area surface sample and channel profile sampling plan, current sampling programme

Gaharish area surface sample and channel profile sampling plan, all samples 2017-2018

Location of GPR lines (GH-1 to GH-6) at the Abu Gaharish prospect

Radargram of GPR profile GH-1, showing possible granite-hosted mineralization

Radargram of GPR profile GH-3, showing possible granite-hosted mineralization (adjusted for topography)

Surface sampling plan, multi-element data - silver

Surface sampling plan, multi-element data - bismuth

Surface sampling plan, multi-element data - copper

Surface sampling plan, multi-element data - lead

Surface sampling plan, multi-element data - tungsten

Surface sampling plan, multi-element data - zinc

Highlights:

- Results from the last round of channel profile sampling and individual channel and grab sampling at the Gaharish North area has expanded the mineralized zone along the entire eastern margin of the Gaharish granite, with gold mineralization now identified over a strike length in excess of 5.0 km;
- Au-W-Bi-Cu mineralization is confirmed at the Gaharish North area, with selective grab samples returning assays including 17.80 g/t Au, 15.85 g/t Au, 14.80 g/t Au, and 14.70 g/t Au;
- Surface channel sample profiles returned assay intersections including 5.2m @ 1.13 g/t Au from Gaharish North, and 4.6m @ 1.25 g/t Au from Abu Gaharish;
- Selective grab and channel sampling has extended the gold mineralization to 'islands' of granite west of the Abu Gaharish Main Zone, and has returned assays including 7.88 g/t Au;

- Results from the interpreted Abu Gaharish ground penetrating radar (GPR) survey are encouraging, with significant responses under wadi sediments to the west of the Main Zone, indicating the possible extension of the structural system that hosts the Abu Gaharish mineralization further to the west under cover.

“After Rodruin, Abu Gaharish is our second priority target and these results show why,” said Mark Campbell, President and CEO. “With gold mineralization occurring over a 5 km gold strike length, and with the potential for the mineralized structures to extend under cover, Abu Gaharish is a very significant gold exploration target. We will certainly be looking to do some drilling this year at Abu Gaharish, once we have started drilling at Rodruin. We are very excited by the potential of the Gaharish area and intend to do more work on it.”

Sampling at Gaharish North and Abu Gaharish

Additional surface sampling has been completed at the Abu Gaharish prospect (see Figure 1), and the newly discovered Gaharish North zone to follow up on initial grab and channel samples assaying up to 22.6 g/t Au and 26.6 g/t Au (see news releases dated June 7, 2017 and December 19, 2017). A total of 89 surface samples was collected from the general Abu Gaharish area, including 27 individual channel samples taken over an average sample length of about 1m, and 62 selective grab samples. 61 samples were collected at Gaharish North, 14 in the main Abu Gaharish area, a further 8 on the eastern flank of the Gaharish pluton between these 2 areas, and 6 in the Umm Aabass area, SW of the Gaharish pluton, about 4 km SW of Abu Gaharish. Details of all individual and grab samples are provided in Appendix A. Additionally, 13 generally short profiles (GHC-056 to GHC-068) were channel sampled for a total of 97.5m, 3 at Gaharish North and 10 at Abu Gaharish, with the channel profiles averaging 7.5m in length. A total of 49 channel samples were collected over nominal, but not exclusively 2m intervals, and were manually collected using hammer and chisel, under the supervision of senior Aton geologists. Details of the channel sample profiles are provided in Appendix B.

All samples were crushed to -4mm at the Company’s onsite sample preparation facility at Hamama, with c. 500g splits shipped to ALS Minerals at Rosia Montana, Romania for analysis. Samples were analyzed for gold by fire assay using analytical code AA-Au23 (repeated by AA-Au25 for samples which returned gold grades greater than 10 g/t). 125 of all the samples taken to date were also analyzed for a 34 multi-element suite by ICP atomic emission spectrometry, using analytical code ME-ICP61.

Figure 1: Abu Marawat regional geology, showing the location of the Abu Gaharish prospect

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/c10f5dcd-965a-4d7f-a9e7-4e34937af9ba>

5 (6%) of the total of 89 selective grab and individual channel samples returned gold assays of over 10 g/t Au, 23 (26%) returned gold assays of over 1 g/t Au, and 30 (34%) returned gold assays of over 0.5 g/t Au (see Figure 2a, Table 1 for a summary of the results, and Appendix A for full details of all the samples). Samples from the newly discovered Gaharish North zone returned gold assays of 17.80 g/t Au, 15.85 g/t Au, 14.80 g/t Au, and 14.70 g/t Au. A single sample (AHA-17533) from a quartz vein in the central area returned an assay of 16.85 g/t Au, and a single sample from a 2.2m long individual channel sample (AHA-17786) across granite containing narrow sheeted or stockwork veinlets in an ‘island’ of granite to the west of the Abu Gaharish Main Zone returned an assay of 7.88 g/t Au.

Fig. 2a: Gaharish area surface sample and channel profile sampling plan, current sampling programme

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/41fe4361-fad2-4369-a399-44d9f3c7be84>

Fig. 2b: Gaharish area surface sample and channel profile sampling plan, all samples 2017-2018

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/3b187dd8-1741-4e80-9cc5-b83c3fa697fd>

Zone	> 10 g/t		> 5 g/t		> 1 g/t		> 0.5 g/t		Total
	No.	%	No.	%	No.	%	No.	%	
Abu Gaharish	0	0	1	7	4	29	5	36	14
Gaharish North	4	7	6	10	18	30	24	39	61

Central area	1	13 %	1	13 %	1	13 %	1	13 %	8
Um Aabass	0	0 %	0	0 %	0	0 %	0	0 %	6
Total	5	6 %	8	9 %	23	26 %	30	34 %	89

Table 1: Summary of the surface grab and individual channel sample results

Surface channel sample profiles returned assay intersections of including 5.2m @ 1.13 g/t Au from Gaharish North (profile GHC-068), and 4.6m @ 1.25 g/t Au from Abu Gaharish (profile GHC-064). Mineralized intersections from the surface channel profile sampling are presented in Table 2, and full details of the channel sample profiles are provided in Appendix B.

Channel Profile ID	Area	From (m)	To (m)	Width (m)	Au (g/t)
GHC-058 Abu Gaharish		0.0	1.6	1.6	3.34
GHC-059 Abu Gaharish		0.0	2.1	2.1	2.46
GHC-063 Abu Gaharish		2.2	4.0	1.8	2.54
GHC-064 Abu Gaharish		0.0	4.6	4.6	1.25
GHC-067 Gaharish North		0.0	1.9	1.9	1.49
GHC-068 Gaharish North		2.0	7.0	5.2	1.13

Table 2: Selected surface channel sampling mineralized intersections from the Abu Gaharish area

To date, 125 samples from the Abu Gaharish area have also been submitted for multi-element geochemical analyses, in addition to gold fire assay (see Appendix C for details of selected elements, including Ag, Cu, Pb, Zn and W). Significant anomalism of several elements was identified from the multi-element analyses, including silver (6 samples assayed > 100 g/t Ag, with a high of 354 g/t Ag); lead (3 samples assayed over 1% Pb, with a high of 2.73% Pb or 27,300ppm); copper (2 samples assayed over 0.5% Cu, with a high of 0.87% Cu or 8,690 ppm); and tungsten (5 samples assayed over 0.1% W, with a high of 0.16% W or 1,550 ppm). Other anomalous elements include arsenic (highest assay of 291 ppm); bismuth (highest assay of 652 ppm Bi); cadmium (highest assay of 243 ppm Cd); molybdenum (highest assay of 281 ppm Mo); antimony (3 samples assayed over 0.1% ppm Sb, with a high of 2.92 % or 2,920 ppm Sb); and zinc (highest assay of 1,340 ppm Zn). The distribution of Ag, Bi, Cu, Pb, W and Zn assay grades are shown in Figures D1-D6 (Appendix D).

Gold is weakly correlated with Ag, Cu, Pb and Zn; silver is strongly correlated with As, moderately with Cu, and weakly with Pb, Bi and W; copper and lead are strongly correlated; arsenic is strongly correlated with Cd and Sb; tungsten is weakly correlated with Ag, As, Cu, Sb and Sn; bismuth is weakly correlated with Ag, As, Cd and Sb; and zinc is weakly correlated with Au, Cu and Pb. Silver, cadmium and antimony are all very strongly correlated together. The geochemical association of Au with Ag, Pb, Cu, W, Sb, As, Bi and Mo, and the relatively low enrichment of Zn is consistent with a potential reduced intrusion-related gold style of mineralization, related to the Gaharish granite.

Abu Gaharish GPR survey

A total of 6 deep penetrating GPR profile lines were completed at the Abu Gaharish prospect by Terravision Exploration during November 2017, with a combination of 3m and 6m antenna lengths (see Figure 3 below), using their proprietary GPR*plus* equipment. The final report was received in March 2018. 4 long E-W profiles (GH-1 to GH-4) were completed over and along strike from the Main Zone mineralization, to attempt to identify the mineralized structures and the granite contact between the Gaharish granite and the country metavolcanic and sedimentary sequence, and also to test for possible repetition of the generally west-dipping mineralized structures under wadi sediment cover to the west of the Main Zone. Additionally 2 shorter, more detailed profiles (GH-5 and GH-6) were run across the Main Zone mineralization using shorter 3m antennae to provide orientation over the mineralized structures and ancient workings seen at surface in the Main Zone. Profile GH-5 was coincident with the western end of profile GH-2.

Figure 3: Location of GPR lines (GH-1 to GH-6) at the Abu Gaharish prospect

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/d29d3a84-4654-4b31-a31e-c539b1e6f641>

Results from the Abu Gaharish prospect are very encouraging, with significant responses under wadi sediments, as well as within ‘islands’ of granite to the west of the Main Zone. The velocity responses pick out structures across the wadi area, which may indicate the presence of mineralized quartz veins and structures similar to those found in the Main Zone, which has previously returned channel sample intersections of 31.2m @ 1.04 g/t Au from surface (see news release dated December 19, 2017). A wide zone of increased velocity, approximately 130m wide, was recorded within profiles GH1 and GH3 (see Figures 4 and 5), and was possibly also picked up at the western end of GH4. This is interpreted as indicating the potential presence of a blind zone of *en echelon* veins, or possibly a shear structure associated with narrow sheeted veining, covered by wadi sediments. This large structural zone lies within and appears to skirt the rim of the late post-orogenic Gaharish granite and is probably at least 1.2km in length (see Figure 3). The GPR response of this interpreted zone is generally typified by a major increase in velocity, which is analogous to the responses identified from the 6m profiles over the Main Zone veins. In addition to this zone, multiple structures have been identified across the wadi, suggesting that a complex series of veins or structures occurs within a zone approximately 800m wide and at least 1km long. The results of the GPR survey give support to the hypothesis that the Abu Gaharish area may host a significant body of structurally-controlled gold mineralization of RIRG affinity.

Figure 4: Radargram of GPR profile GH-1, showing possible granite-hosted mineralization

An infographic accompanying this announcement is available at <http://resource.globenewswire.com/Resource/Download/55f4c746-64ad-493d-b957-23dc41d8aa23>

Figure 5: Radargram of GPR profile GH-3, showing possible granite-hosted mineralization (adjusted for topography)

An infographic accompanying this announcement is available at <http://resource.globenewswire.com/Resource/Download/7d8b7e47-c8c7-47d4-9178-eeafc6be39e3>

Discussion

The confirmation of a new zone of gold mineralization at Gaharish North, with mineralized quartz veins occurring both *within* the post-orogenic Gaharish granite, as well as in the surrounding country rocks, as at Abu Gaharish, is considered very significant (see Figure 2a). This confirms that gold mineralization occurs over a >5km strike length along the eastern margin of, and within, the late post-orogenic poly-phase Gaharish pluton. The new sampling of granite ‘islands’ surrounded by wadi sediments to the west of the Abu Gaharish Main Zone has further extended the zone of known mineralization at Abu Gaharish (see Figure 2a). The GPR programme has strongly suggested the potential existence of a structural zone largely buried under wadi sediments that has given analogous responses to those observed over the Main Zone at Abu Gaharish, which returned a surface channel intersection of 31.2m @ 1.04 g/t Au. The latest sampling at Abu Gaharish has confirmed the existence of additional and previously unidentified gold mineralization in the Gaharish granite in the broad structural target zone identified by the GPR survey.

The gold mineralization in the Abu Gaharish-Gaharish North area occurs both within and close to the margins of the late Gaharish granite. The Gaharish granite is part of the suite of evolved post-orogenic alkalic granites that is regionally associated with Sn, Mo and W-Au mineralization within the Egyptian Eastern Desert. The geochemical association of the Gaharish area mineralization with accessory Pb, Cu, W, Sb, As, Bi, Mo, and comparatively low enrichment of Zn is consistent with a potential reduced intrusion-related gold (RIRG) system.

The confirmation of Au (-Cu-Bi-W) mineralization along the entire eastern margin of the Gaharish granite implies the potential existence of a large and significant gold mineralizing system. The latest phase of sampling confirms that gold mineralization exists to the west of the known mineralization at Abu Gaharish, and the results from the deep penetrating GPR survey indicate good potential that the structural system that hosts the Abu Gaharish mineralization extends further to the west and is largely covered by wadi sediments. The results of the latest sampling and the GPR program continue to indicate potential for the existence of a substantial structurally controlled zone of gold mineralization of RIRG affinity at Abu Gaharish. Aton believes that the identification of Au-Cu-Bi-W mineralization at Gaharish North, together with the extension of the structurally controlled mineralized system at Abu Gaharish, indicate the potential development of a large system of RIRG gold mineralization along the entire eastern margin of the Gaharish granite, potentially greater than 5km long in strike length.

Activity update:

- Laboratory testwork has been completed at the Soil Mechanics and Geotechnical Engineering Research Institute (Housing and Building National Research Centre) in Cairo on the geotechnical samples collected from the trial pits in the Wadi Um Salamat area for the Hamama West heap leach facility design work, and the final report received.
- A short programme of excavator trenching has been completed at Hamama East to test for possible surface zones of Au and Zn oxide mineralization. Samples have been dispatched to ALS Minerals in Romania, and results are expected soon.
- Access road construction is continuing at Rodruin, and it is estimated that the road will reach the main western workings before the Hamama Camp shuts down for the Ramadan break.
- A preliminary programme of surface sampling has been undertaken over the Zeno prospect area. Numerous significant ancient workings have been identified at the Zeno area, and visible gold has been identified from several samples. Samples have been dispatched to ALS Minerals in Romania, and results are expected soon.

About Aton Resources Inc.

[Aton Resources Inc.](#) (TSX-V:AAN) is focused on its 100% owned Abu Marawat Concession (“Abu Marawat”), located in Egypt’s Arabian-Nubian Shield, approximately 200 km north of Centamin’s Sukari gold mine. Aton has identified a 40 km long gold mineralized trend at Abu Marawat, anchored by the Hamama deposit in the west and the Abu Marawat deposit in the east, containing numerous gold exploration targets, including three historic British mines. Aton has identified several distinct geological trends within Abu Marawat, which display potential for the development of RIRG and orogenic gold mineralization, VMS precious and base metal mineralization, and epithermal-IOCG precious and base metal mineralization. Abu Marawat is over 738km² in size and is located in an area of excellent infrastructure; a four-lane highway, a 220kV power line, and a water pipeline are in close proximity.

Qualified Person

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Note Regarding Forward-Looking Statements

Some of the statements contained in this release are forward-looking statements. Since forward-looking statements address future events and conditions; by their very nature they involve inherent risks and uncertainties. Actual results in each case could differ materially from those currently anticipated in such statements.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Appendix A – Abu Gaharish area - grab samples and individual channel samples, gold assays

Sample ID	Sample Type	X	Y	Au (g/t)	Sample Description
AHA-17551	Grab	565080	2919464	0.07	0.5m quartz vein, with FeOx, some limonite, albite alteration
AHA-17552	Grab	565106	2919470	<0.01	40cm quartz vein, with FeOx, minor sulphides
AHA-17553	Grab	565128	2919440	16.85	0.5m quartz vein, ancient workings
AHA-17554	Grab	565156	2919544	0.04	30-50cm quartz vein, with FeOx and minor sulphides
AHA-17555	Grab	565086	2919560	0.14	15-20cm quartz vein, with FeOx, minor sulphides
AHA-17556	Grab	565404	2919218	0.01	15-30cm quartz vein˚, with FeOx and minor sulphides
AHA-17557	Grab	565309	2919058	0.02	1m gossan zone, deep red brown color, with limonite alteration

AHA-17739	Channel	564402	2917538	0.44	Chip sample across 10cm quartz vein
AHA-17741	Channel	564399	2917529	0.09	2.3m chip sample across sheared altered granite with 10cm quartz vein
AHA-17742	Channel	564388	2917515	0.05	Chip sample across sheared altered granite with 2 quartz veinlets
AHA-17745	Channel	564291	2917414	<0.01	90cm chip sample from altered granite with 15cm quartz vein
AHA-17754	Channel	564275	2917304	1.26	1.6m chip sample across altered granite with narrow quartz veins, ancient
AHA-17755	Channel	564352	2917154	2.14	90cm chip sample from altered granite with 10cm quartz vein
AHA-17756	Channel	564377	2917165	0.11	10cm chip sample quartz vein with some sulphides, FeOx
AHA-17766	Grab	564497	2917251	0.81	Quartz vein dump material
AHA-17767	Channel	564484	2917262	0.43	60cm chip sample across granite with some 1-2cm veinlets
AHA-17776	Grab	564481	2917320	0.38	Chip composite sample from sheared granite with narrow quartz vein
AHA-17777	Channel	564463	2917342	0.21	1.3m chip sample from sheared granite with two 2cm quartz veinlets
AHA-17785	Channel	564339	2917722	1.29	10cm chip sample from quartz vein with some sulphides
AHA-17786	Channel	564293	2917709	7.88	2.2m chip sample from altered granite with 4cm quartz veinlet
AHA-17787	Channel	564229	2917657	0.16	1.7m chip sample from altered granite with 4cm quartz veinlet, minor sulph
AHA-18310	Grab	565050	2921167	1.42	Altered andesite with narrow parallel quartz veins, FeOx, limonite
AHA-18311	Grab	565052	2921167	0.30	Shallow 30cm quartz vein with Cu staining
AHA-18320	Grab	564965	2921203	0.01	40cm quartz vein
AHA-18323	Channel	565219	2921213	0.04	Vertical channel sample, 1.2m high
AHA-18325	Grab	565231	2921066	0.05	2m shear zone with quartz-carbonate lenses, limonite
AHA-18326	Grab	565341	2920997	0.26	2 parallel shallow dipping 30cm veins, with FeOx and hematite
AHA-18328	Grab	565521	2921051	0.06	Hematitic gossan, leached zone in fine grained andesite
AHA-18329	Grab	565536	2921056	0.16	50cm shear zone with hematitized/limonitized material and oxidized quar
AHA-18330	Grab	565548	2921107	0.01	Hematite/limonite in brown-red leached zone
AHA-18331	Grab	565576	2921106	0.09	Red-white kaolinized/hematized leached zone, some limonite
AHA-18332	Grab	565590	2921031	0.02	Dark gossan with much limonite
AHA-18333	Grab	565592	2921002	0.01	Gossan material sheared and leached zone
AHA-18334	Grab	565632	2921020	0.12	Red gossanous material with hematite and limonite
AHA-18335	Grab	565706	2921059	0.03	Hematite gossan in leached andesite
AHA-18336	Grab	565714	2921081	0.01	Hematite gossan in leached andesite
AHA-18337	Grab	565730	2921105	0.02	50cm gossan material sheared and leached zone
AHA-18338	Grab	565740	2921060	<0.01	40cm gossan material sheared and leached zone
AHA-18339	Grab	565782	2921058	0.02	Gossanous material in leached zone
AHA-18340	Grab	565811	2921011	0.04	Highly gossanous material in sheared, leached zone
AHA-18342	Channel	565006	2921130	0.74	1m chip sample across 2-10cm stockwork quartz veins
AHA-18343	Channel	565004	2921132	0.37	1.1m chip sample across 2-10cm stockwork quartz veins
AHA-18344	Channel	565023	2921114	1.00	1.7m chip sample across shear zone, with narrow quartz-carbonate veins
AHA-18345	Channel	565056	2921115	1.12	1.7m chip sample across sheared rock, with sheeted quartz veins up to 1
AHA-18346	Channel	565422	2920894	0.02	50cm quartz vein, flat-dipping
AHA-18347	Channel	565384	2920916	0.02	20cm quartz vein, steep-dipping
AHA-18348	Channel	565347	2921022	0.03	30cm quartz vein, flat-dipping
AHA-18349	Channel	565366	2921057	0.46	30cm quartz vein, steep dipping with Cu staining
AHA-18350	Grab	565373	2921061	0.33	Highly altered footwall of AHA-18350 with FeOx
AHA-18351	Channel	565361	2921070	0.03	30cm quartz vein, with FeOx with much malachite
AHA-18352	Channel	565367	2921082	14.80	60cm quartz vein, with FeOx and malachite
AHA-18353	Channel	565367	2921169	3.56	50cm quartz vein, steep dipping with malachite and wolframite
AHA-18354	Channel	565241	2920765	2.33	50cm quartz vein, with much malachite
AHA-18701	Grab	565072	2920649	2.37	0.1-0.4m thick quartz vein, with sulphides, FeOx
AHA-18702	Grab	564897	2921443	0.65	0.5m thick quartz vein, with copper, wolframite
AHA-18703	Grab	564585	2920346	1.14	0.1-0.3m quartz vein, with sulphides, Cu staining, FeOx
AHA-18704	Grab	564608	2920365	0.46	0.1-0.2m quartz vein, Cu staining, sulphides
AHA-18705	Grab	564635	2920393	0.20	5-10cm quartz vein, Cu staining, sulphides
AHA-18706	Grab	564713	2920417	14.70	10-20cm quartz vein, sulphides, Cu staining, and FeOx

AHA-18707	Grab	564961	2920508	5.75	15cm quartz vein, with Cu staining, some sulphides
AHA-18708	Grab	564971	2920486	0.82	20-30cm quartz vein, with Cu staining, FeOx
AHA-18709	Grab	564126	2920167	0.01	15cm quartz vein, with big pyrite cubes, some sulphides, some FeOx
AHA-18710	Grab	564275	2920127	0.02	Silicified, altered weathered granite with sulphides, pyrite cubes
AHA-18711	Grab	564248	2920449	17.80	10-40cm quartz vein, with minor sulphides, Cu staining, FeOx
AHA-18712	Grab	564266	2920445	0.04	20-80cm quartz vein, with big pyrite cubes, FeOx
AHA-18713	Grab	564295	2920535	0.01	Quartz vein, with FeOx
AHA-18714	Grab	564321	2920693	0.03	30cm quartz vein, with minor sulphides, FeOx
AHA-18715	Grab	564394	2920901	0.01	80cm quartz vein, with minor sulphides, FeOx
AHA-18716	Grab	564701	2921167	1.44	1m quartz vein, with sulphides, Cu staining, wolframite
AHA-18717	Grab	564759	2921175	0.44	0.5-0.8m quartz vein, with malachite, Cu staining, FeOx
AHA-18718	Grab	565137	2921417	3.46	Ancient working, quartz vein with Cu staining
AHA-18719	Grab	565076	2921410	15.85	Ancient working, quartz vein with Cu staining
AHA-18720	Grab	564963	2921430	1.85	2 parallel quartz veins, with Cu staining
AHA-18734	Channel	564807	2921220	2.09	5m quartz vein, with FeOx, minor Cu staining
AHA-18735	Channel	564792	2921241	1.71	5.2m quartz vein, minor Cu staining, FeOx
AHA-18736	Grab	564726	2921171	1.25	Quartz vein, with Cu staining, FeOx
AHA-18737	Grab	563984	2922292	0.10	Quartz vein with oxidized sulphides, minor Cu staining, FeOx
AHA-18738	Grab	563919	2922505	0.10	0.5m quartz vein, with Cu staining
AHA-18739	Grab	564140	2922801	9.00	Ancient working on hematitic quartz vein
AHA-18740	Grab	562151	2916590	0.01	0.5m quartz vein, with some sulphides, FeOx and limonite
AHA-18741	Grab	562602	2916221	<0.01	0.8-1m quartz vein, with FeOx
AHA-18742	Grab	562052	2915349	<0.01	60cm quartz vein, with MnOx and FeOx
AHA-18743	Grab	561953	2915363	0.02	2cm narrow quartz veins, with FeOx
AHA-18744	Grab	563921	2923046	0.72	30cm quartz vein, with FeOx
AHA-18745	Grab	564829	2921515	0.06	40cm sheared quartz vein, with MnOx, FeOx, some sulphides
AHA-18746	Grab	564863	2921541	0.98	Narrow quartz veinlets with sulphides, FeOx
AHA-18747	Grab	562107	2914852	0.01	Silicified highly leached and altered rock
AHA-18748	Grab	561564	2914585	0.11	Deep red gossanous material with FeOx and albite alteration
AHA-18749	Grab	565658	2919983	0.01	2.5cm quartz vein, with FeOx

Notes:

1) Channel samples were collected over an average of 1m intervals, actual sampled widths are indicated in the table

2) All coordinates are UTM (WGS84) Zone 36R

Appendix B – Abu Gaharish area - channel sampling profiles, gold intersections

Channel Profile ID	Length (m)	Start Location	Start Location	From (m)	To (m)	Width (m)	Au (g/t)	Comments	
GHC-056	3.6	564387	2917504	564384	2917507			NSA	
GHC-057	2.4	564263	2917377	564261	2917377			NSA > 0.89 g/t Au	
GHC-058	1.6	564262	2917357	564260	2917357	0.0	1.6	3.34	
GHC-059	7.4	564369	2917193	564366	2917186	0.0	2.1	2.46	
GHC-060	4.6	564512	2917227	564508	2917225			NSA > 0.31 g/t Au	
GHC-061	4.0	564502	2917226	564498	2917226			NSA	
GHC-062	4.2	564465	2917266	564469	2917268			NSA	
GHC-063	4.0	564480	2917289	564477	2917286	2.2	4.0	1.8	2.54
GHC-064	6.9	564466	2917316	564460	2917314	0.0	4.6	4.6	1.25
GHC-065	13.1	564339	2917758	564326	2917759			NSA > 0.88 g/t Au	
GHC-066	14.0	564979	2921194	564965	2921197			NSA	
GHC-067	3.7	565216	2921212	565219	2921214	0.0	1.9	1.9	1.49
GHC-068	28.0	564824	2921228	564822	2921200	2.0	7.0	5.2	1.13

Notes:

3) Channel profiles sampled over nominal, but not exclusively, 2m intervals

4) Intersections calculated using a 0.5 g/t Au cutoff grade

5) Intersections both less than 2m in width and grading less than 1 g/t are not included in this table

6) All coordinates are UTM (WGS84) Zone 36R

Appendix C – Abu Gaharish area - all samples, selected multi-element assays

Sample ID	Sample Type	X	Y	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cr (ppm)	Mo (ppm)	Ni (ppm)	Sb (ppm)	S (ppm)
AHA-14008	Grab	557308	2919532	0.01	<0.5	<1	3	<2	<5	<2	<0.5	3	<1	<1	<5	
AHA-14009	Grab	560718	2921278	<0.01	6.8	996	252	38	<5	189	0.8	10	24	3	<5	
AHA-14010	Grab	564568	2917249	13.25	71.5	8690	27300	1170	<5	45	8.5	14	46	2	37	
AHA-14011	Grab	564500	2917809	26.60	37.3	36	3060	192	<5	43	5.2	16	7	5	5	
AHA-14127	Grab	564574	2917248	2.89	3.2	56	493	195	<5	<2	0.9	27	1	13	7	
AHA-14128	Grab	564571	2917245	1.45	4.9	87	444	953	<5	<2	1.5	37	2	19	16	
AHA-14129	Channel	564570	2917245	0.12	0.5	8	16	35	5	<2	<0.5	11	2	7	6	
AHA-14130	Channel	564568	2917244	0.70	0.7	19	23	53	<5	4	0.5	15	2	8	5	
AHA-14131	Channel	564582	2917139	1.71	1.5	61	436	1090	6	<2	1	21	1	10	<5	
AHA-14132	Channel	564580	2917139	0.35	2.8	12	211	106	7	<2	1.2	10	1	7	8	
AHA-14133	Channel	564579	2917140	1.53	2.9	46	1040	269	9	<2	1.6	18	3	8	29	
AHA-14134	Grab	564555	2917276	11.45	7.9	640	4	22	15	<2	<0.5	7	1	1	<5	
AHA-14135	Grab	564564	2917281	19.90	50.9	2160	23800	519	24	33	5.7	14	12	5	76	
AHA-14136	Channel	564577	2917352	22.60	52.8	44	1040	33	20	41	1.3	8	2	7	34	
AHA-14137	Channel	564581	2917362	1.60	1.1	30	119	126	6	<2	1	17	3	6	6	
AHA-14138	Grab	564583	2917366	3.85	5.8	21	151	59	7	<2	1.2	7	4	6	8	
AHA-14139	Channel	564588	2917420	2.28	3.2	28	322	81	9	<2	0.6	14	3	8	18	
AHA-14140	Channel	564589	2917436	3.03	4.1	8	624	194	5	<2	2.9	10	7	6	<5	
AHA-14141	Channel	564588	2917436	0.15	<0.5	7	57	146	8	<2	<0.5	15	1	7	5	
AHA-14142	Channel	564607	2917447	0.19	<0.5	3	12	17	7	<2	<0.5	8	2	7	<5	
AHA-14143	Channel	564627	2917514	0.74	1.8	36	295	189	6	<2	0.9	10	4	7	11	
AHA-14144	Channel	564628	2917514	2.59	8.1	29	668	30	14	4	1.2	4	2	4	15	
AHA-14145	Channel	564629	2917514	0.88	1.7	21	172	150	8	<2	0.8	15	2	13	<5	
AHA-14146	Grab	564601	2917520	2.00	0.8	11	221	334	<5	<2	0.5	17	1	11	<5	
AHA-14147	Grab	564597	2917521	6.06	6.9	2	299	34	5	<2	<0.5	8	4	9	<5	
AHA-14148	Grab	564596	2917522	1.05	1.7	25	105	178	<5	<2	0.5	14	3	10	<5	
AHA-14149	Channel	564672	2917590	0.88	0.7	83	57	83	6	<2	0.7	17	<1	10	12	
AHA-14150	Channel	564670	2917591	0.18	0.6	12	27	64	<5	<2	0.6	16	<1	9	8	
AHA-14151	Channel	564668	2917592	0.12	1.2	8	22	37	7	<2	0.6	12	2	8	10	
AHA-14152	Chip	564686	2917626	0.14	0.8	38	32	55	5	<2	0.6	13	3	6	8	
AHA-14153	Chip	564707	2917671	0.64	2.8	54	84	128	<5	<2	1.2	13	11	10	9	
AHA-14154	Chip	564754	2917736	2.63	6.9	37	644	136	8	<2	0.5	15	8	5	8	
AHA-14155	Channel	565149	2918256	7.27	354	2820	11600	106	241	492	243	16	3	10	2920	
AHA-14156	Grab	565133	2918254	9.60	8.2	115	260	76	12	3	3.2	13	2	7	75	
AHA-14157	Grab	564643	2918013	4.86	17	32	298	46	6	92	2.7	12	6	19	21	
AHA-14158	Channel	564523	2916901	18.45	23.9	21	916	486	5	<2	8.7	12	3	14	<5	
AHA-14159	Channel	564522	2916900	6.76	6.3	67	1860	510	13	3	2.4	66	7	27	17	
AHA-14160	Channel	564521	2916900	1.18	4	5	44	14	6	2	<0.5	7	5	5	<5	
AHA-14161	Channel	564520	2916900	0.08	<0.5	4	23	62	6	<2	<0.5	4	<1	3	6	
AHA-14162	Channel	564482	2916800	0.40	4.3	49	86	37	5	<2	0.8	7	3	6	10	
AHA-14163	Channel	564487	2916780	5.48	6.9	92	509	143	13	5	2.7	29	13	14	61	
AHA-14164	Grab	564229	2916843	4.03	6.5	21	132	33	9	2	0.9	7	2	6	12	
AHA-14165	Grab	564731	2916524	6.44	2.8	75	7	11	<5	2	<0.5	10	3	14	<5	

AHA-14166	Grab	564924	2916533	0.01	<0.5	587	<2	94	8	3	<0.5	584	<1	368	24
AHA-14167	Channel	564769	2916849	3.46	3.4	97	95	70	<5	<2	<0.5	17	1	10	<5
AHA-14168	Channel	564666	2916626	7.73	9.7	265	76	48	7	3	<0.5	60	<1	28	10
AHA-17557	Grab	565309	2919058	0.02	<0.5	261	15	92	66	27	<0.5	27	30	6	<5
AHA-18310	Grab	565050	2921167	1.42	0.6	22	9	53	6	<2	<0.5	25	2	13	7
AHA-18311	Grab	565052	2921167	0.30	11.7	281	8	24	9	17	9.8	10	3	9	92
AHA-18320	Grab	564965	2921203	0.01	0.5	5	2	8	<5	<2	<0.5	9	1	4	<5
AHA-18321	Channel	565216	2921212	1.08	4.1	293	197	868	24	<2	1.1	294	1	108	29
AHA-18322	Channel	565218	2921213	8.84	185	2740	2970	1340	254	2	159	15	1	6	1880
AHA-18323	Channel	565218	2921213	0.04	<0.5	26	7	99	16	6	<0.5	313	1	131	6
AHA-18324	Channel	565218	2921213	0.01	<0.5	45	<2	51	5	<2	<0.5	287	1	136	<5
AHA-18325	Grab	565231	2921066	0.05	<0.5	5	8	85	8	<2	0.8	152	1	57	<5
AHA-18326	Grab	565341	2920997	0.26	1.3	4	7	7	7	<2	<0.5	11	4	8	<5
AHA-18328	Grab	565521	2921051	0.06	0.7	44	17	75	8	5	<0.5	10	7	3	5
AHA-18329	Grab	565536	2921056	0.16	<0.5	413	13	23	14	<2	<0.5	16	8	1	10
AHA-18330	Grab	565548	2921107	0.01	<0.5	103	4	55	6	<2	<0.5	4	2	3	<5
AHA-18331	Grab	565576	2921106	0.09	<0.5	101	15	19	17	2	<0.5	12	114	<1	8
AHA-18332	Grab	565590	2921031	0.02	<0.5	915	12	142	16	4	0.7	9	24	7	5
AHA-18333	Grab	565592	2921002	0.01	<0.5	316	14	60	10	<2	1	8	3	<1	<5
AHA-18334	Grab	565632	2921020	0.12	<0.5	113	12	51	10	<2	<0.5	32	65	3	<5
AHA-18335	Grab	565706	2921059	0.03	<0.5	1105	10	13	15	5	<0.5	4	3	<1	<5
AHA-18336	Grab	565714	2921081	0.01	<0.5	100	3	51	6	<2	<0.5	15	4	7	7
AHA-18337	Grab	565730	2921105	0.02	<0.5	1440	2	39	16	3	<0.5	14	10	3	8
AHA-18338	Grab	565740	2921060	<0.01	<0.5	940	9	84	13	5	<0.5	27	4	7	8
AHA-18339	Grab	565782	2921058	0.02	<0.5	98	14	35	21	6	<0.5	14	281	3	<5
AHA-18340	Grab	565811	2921011	0.04	<0.5	201	11	37	18	<2	<0.5	13	14	1	8
AHA-18342	Channel	565006	2921130	0.74	<0.5	88	8	96	19	2	0.8	10	1	25	<5
AHA-18343	Channel	565004	2921132	0.37	<0.5	95	6	80	10	2	<0.5	13	1	22	<5
AHA-18344	Channel	565023	2921114	1.00	<0.5	68	8	85	8	2	0.6	14	10	16	9
AHA-18345	Channel	565056	2921115	1.12	0.6	19	10	88	13	4	<0.5	108	7	45	5
AHA-18346	Channel	565422	2920894	0.02	<0.5	70	2	9	<5	2	<0.5	10	1	7	<5
AHA-18347	Channel	565384	2920916	0.02	<0.5	2	<2	6	<5	<2	<0.5	10	1	4	<5
AHA-18348	Channel	565347	2921022	0.03	<0.5	1	2	4	6	<2	<0.5	10	1	7	<5
AHA-18349	Channel	565366	2921057	0.46	29.5	769	361	64	88	5	10.7	12	1	7	385
AHA-18350	Grab	565373	2921061	0.33	1.6	35	12	55	15	<2	<0.5	5	3	3	<5
AHA-18351	Channel	565361	2921070	0.03	1.3	22	3	<2	5	3	<0.5	9	1	4	8
AHA-18352	Channel	565367	2921082	14.80	224	4600	4200	196	291	23	116.5	14	1	3	1950
AHA-18353	Channel	565367	2921169	3.56	63.9	1620	466	65	43	16	18.5	8	1	4	125
AHA-18354	Channel	565241	2920765	2.33	24.8	471	160	34	51	11	8.6	12	1	5	236
AHA-18701	Grab	565072	2920649	2.37	3.1	71	40	9	6	2	<0.5	6	12	5	14
AHA-18702	Grab	564897	2921443	0.65	52.4	278	808	24	57	98	13.5	4	7	4	74
AHA-18703	Grab	564585	2920346	1.14	5.3	106	78	32	12	47	1.4	7	2	2	26
AHA-18704	Grab	564608	2920365	0.46	20.7	400	362	67	157	109	16.9	11	5	8	507
AHA-18705	Grab	564635	2920393	0.20	7.1	360	105	34	46	35	4.5	10	4	5	147
AHA-18706	Grab	564713	2920417	14.70	32.9	267	309	66	66	7	12.8	4	1	1	124
AHA-18707	Grab	564961	2920508	5.75	25	389	297	122	51	35	7.3	5	26	2	228
AHA-18708	Grab	564971	2920486	0.82	2.2	21	12	5	5	2	<0.5	5	1	2	5
AHA-18709	Grab	564126	2920167	0.01	<0.5	1	<2	<2	<5	<2	<0.5	5	1	3	<5
AHA-18710	Grab	564275	2920127	0.02	<0.5	2	8	27	<5	<2	<0.5	9	19	2	<5
AHA-18711	Grab	564248	2920449	17.80	17.7	48	379	487	10	21	10.5	8	2	5	28
AHA-18712	Grab	564266	2920445	0.04	<0.5	1	9	5	<5	<2	<0.5	6	1	3	<5
AHA-18713	Grab	564295	2920535	0.01	<0.5	1	6	<2	<5	<2	<0.5	5	1	1	<5

AHA-18714	Grab	564321	2920693	0.03	<0.5	1	7	5	<5	2	<0.5	6	2	3	<5	<
AHA-18715	Grab	564394	2920901	0.01	1.3	4	5	11	<5	6	<0.5	3	1	1	<5	<
AHA-18716	Grab	564701	2921167	1.44	42.6	1250	283	42	55	101	17.9	2	4	2	155	<
AHA-18717	Grab	564759	2921175	0.44	29.9	339	196	18	37	57	5.2	4	2	1	164	<
AHA-18718	Grab	565137	2921417	3.46	67.2	999	1600	51	144	20	64	4	<1	<1	367	<
AHA-18719	Grab	565076	2921410	15.85	113	996	189	105	75	3	47.3	6	1	5	259	<
AHA-18720	Grab	564963	2921430	1.85	18.9	548	289	189	38	5	9.3	1	3	1	152	1
AHA-18722	Channel	564824	2921228	0.25	2.4	25	52	52	8	2	<0.5	26	7	14	<5	<
AHA-18723	Channel	564824	2921226	0.28	1.9	24	41	76	7	<2	0.5	25	4	12	5	<
AHA-18724	Channel	564824	2921223	2.30	14.1	192	480	81	6	49	0.6	20	5	13	10	<
AHA-18725	Channel	564824	2921221	0.08	1.4	180	490	167	6	2	<0.5	42	2	20	14	<
AHA-18726	Channel	564823	2921219	0.08	<0.5	11	20	68	<5	2	<0.5	32	2	16	10	<
AHA-18727	Channel	564823	2921216	0.19	0.6	26	26	84	12	<2	<0.5	46	2	21	6	<
AHA-18728	Channel	564823	2921214	0.10	0.7	29	20	61	12	<2	<0.5	45	2	22	14	<
AHA-18729	Channel	564823	2921212	0.18	0.5	13	12	55	10	<2	<0.5	23	3	8	<5	<
AHA-18730	Channel	564823	2921210	0.10	0.9	26	34	68	11	2	<0.5	27	6	7	8	<
AHA-18731	Channel	564823	2921208	0.28	7.4	130	214	59	15	23	1.9	23	7	14	92	<
AHA-18732	Channel	564822	2921206	0.09	0.8	40	28	70	11	3	<0.5	39	1	18	18	<
AHA-18733	Channel	564822	2921203	0.27	17.2	334	307	15	40	32	9.7	9	3	6	92	<
AHA-18734	Channel	564807	2921220	2.09	22.2	305	344	32	16	28	6.1	5	5	1	94	-
AHA-18735	Channel	564792	2921241	1.71	154	1570	1040	36	269	120	70.5	5	2	2	890	-
AHA-18736	Grab	564726	2921171	1.25	102	700	868	23	145	233	28.2	8	2	4	414	-
AHA-18737	Grab	563984	2922292	0.10	2.9	39	151	50	-5	652	1.5	7	11	5	-5	-
AHA-18738	Grab	563919	2922505	0.10	16.8	157	75	41	7	58	3.4	6	7	6	67	-
AHA-18739	Grab	564140	2922801	9.00	15	34	104	5	11	24	-0.5	10	1	5	30	-
AHA-18744	Grab	563921	2923046	0.72	37.6	100	229	100	5	175	4.3	10	2	10	7	-
AHA-18745	Grab	564829	2921515	0.06	1.1	11	10	18	6	5	-0.5	7	13	3	-5	-
AHA-18746	Grab	564863	2921541	0.98	-0.5	11	18	36	13	4	-0.5	4	6	1	6	-
AHA-18747	Grab	562107	2914852	0.01	-0.5	37	15	44	-5	-2	-0.5	16	2	2	-5	-
AHA-18748	Grab	561564	2914585	0.11	1.1	1700	71	308	17	11	-0.5	49	57	4	-5	-

Appendix D – Abu Gaharish area - multi-element sampling plans

Figure D1: Surface sampling plan, multi-element data - silver

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/94654158-9db2-4f74-a6ba-21b0025284cd>

Figure D2: Surface sampling plan, multi-element data - bismuth

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/8b02c2f7-464d-4bcb-8132-557424c645ec>

Figure D3: Surface sampling plan, multi-element data - copper

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/ee49f42c-17bf-4f4e-a9eb-1f07c3d8a982>

Figure D4: Surface sampling plan, multi-element data - lead

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/8f8af11b-95f1-4fba-a800-791432f4c175>

Figure D5: Surface sampling plan, multi-element data - tungsten

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/50dc5281-3df8-49a6-8c3e-73d2ab0fc8cd>

Figure D6: Surface sampling plan, multi-element data - zinc

An infographic accompanying this announcement is available at

<http://resource.globenewswire.com/Resource/Download/33f488e7-f3ac-481a-afa2-c72f6eebe484>

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