

YT AREA

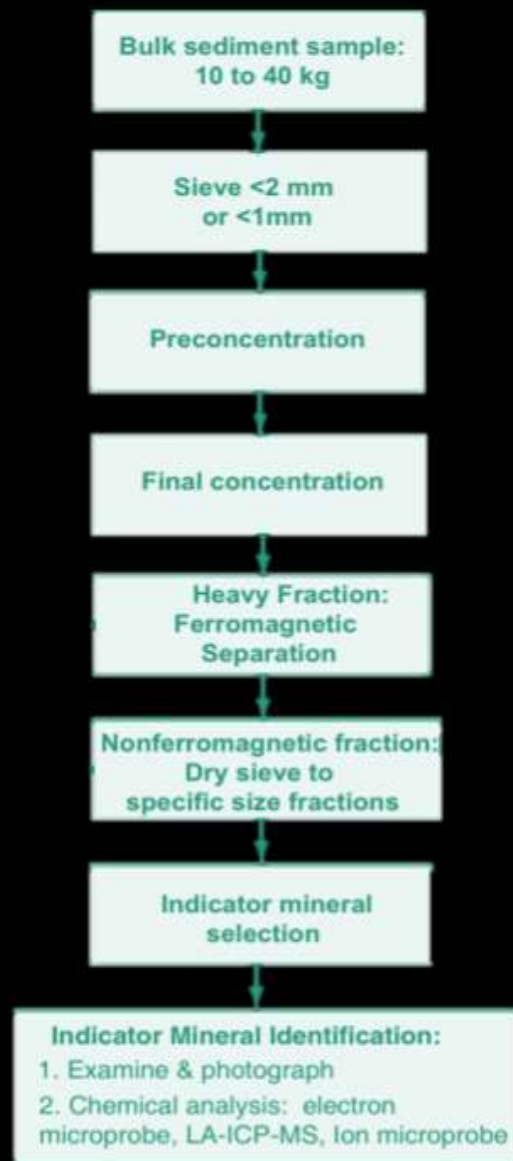
Q4 2019



www.aexmetal.com

SUMMARY

- **«AEX» abbreviated name of Alanya Exploration. AEX was established to explore new economic mineral deposits in ALANYA MASSIF Mining Area with modern research technique methods.**
- **Numerous geological, petrographic, mineralogical and tectonic investigations have been carried out in the ALANYA MASSIF from the 1940's to the present day.**
- **A detailed examination of these studies has determined that the region may have potential for Polymetallic Mineralization AEX ALANYA EXPLORATION PROJECT was launched in 2016.**
- **As in all the Cratons, Alanya Massif has also undergone very little internal deformation. However, the highly deformed Crystalline and Metamorphic Rocks, which are the final products of intense Magmatic, Tectonic and Metamorphic reprocessing on the surface, are widespread.**
- **Since the probability of finding an Economic Mineral on the surface was low because of this reason, the priority at the beginning of the Exploring Program has been given to Trace Elements and Indicator Minerals.**



- Up to this day, 1700 samples were obtained from the previously determined formations of the License Areas of ~ 200 km² and operations were completed in accordance with the flow chart on the side.
- Sample Preparation, Heavy Mineral Production and Indicator Mineral / Metal separation processes are carried out in Alanya Laboratory.
- Microprobe-EDS Analysis, Hacettepe University Geological Eng. Microanalysis Laboratories,
- Chemical Analysis and Fire Assay Analysis, ACME Bureau Veritas Lab.Canada and Ç.B.İ. Çayeli Copper Laboratories.
- As a result of all these studies, «YT AREA», an important Copper, Gold, Silver Mineralization has been revealed as a few months Inside Resources/Reserve drillings will be started.
- On the other hand, detailed researches are continuing in 4 different regions where high anomalies are detected.

Mineralization Area Topographic & Geological View

CEBEL-I REIS MOUNTAIN

Age-28/4 Eclogite

Age-314/2 Eclogite

Eclogite and Eclogitic Metabasite bearing
SUGOZU NAPPE
(84-82 Ma , ~60km)

Age-193/15 Eclogite

(Int. J Earth Sci (Geol Rundsch) (2016) 105:247-281)

Eclogite-AEX

1 km

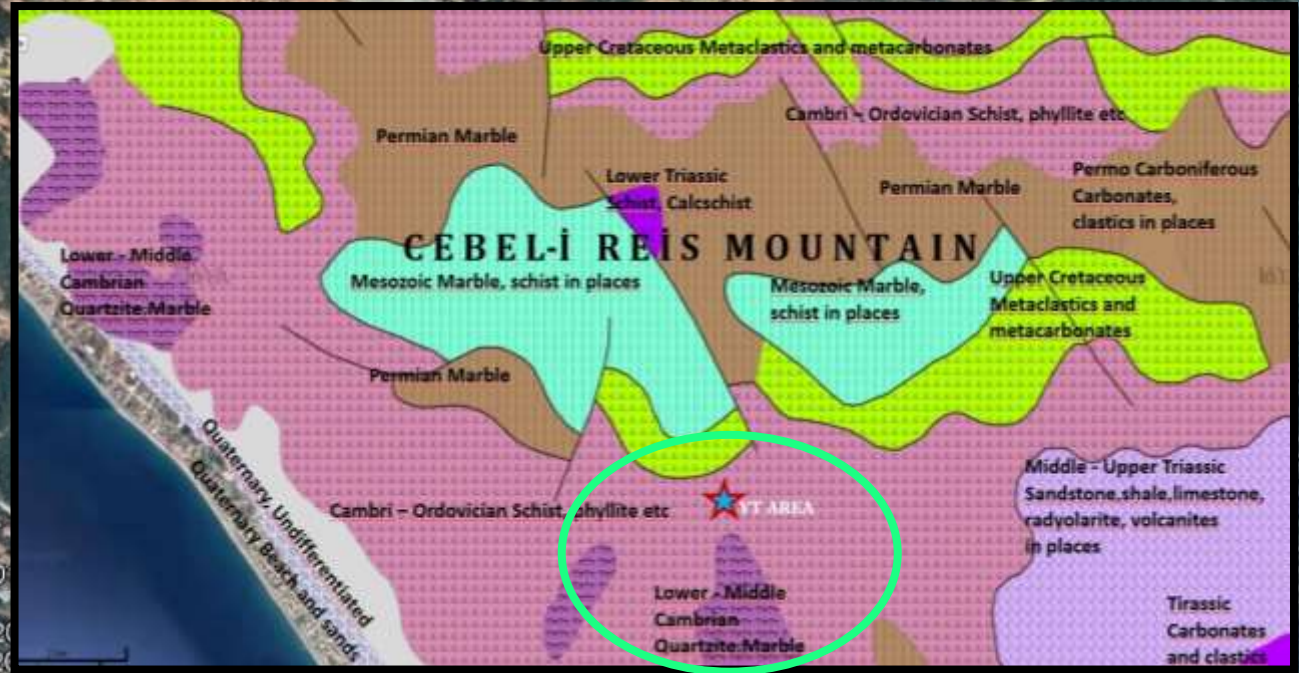
#F2

#F1

YA
High
Anomaly

YAG
High
Anomaly

1 km



#F1 Summary

- **YT AREA #F1 Polymetallic Ore Mineralization :**

In the light of all the studies and analyzes carried out to date, it is observed that mineralization is controlled by fault and Magmatic-Hydrothermal origin.

Copper, Gold, Silver coexistence is accompanied by **Sb,Mo,Ni,Co,Pb,Zn** in certain zones.

- **YT AREA #F1 Geomorphology , SUPERGENE-HIPOGENE :**

Following the removal of the 8 mt. thick cover, the **#F1 Mineralization Zone** is ~ 20 mt. thickness in two levels. The formation started with Gossan and Leached Zone at the top, followed by Oxide Zone and continued with Copper Oxide, Carbonate and Silicates such as **Malachite, Azurite, Chrysocolla**, and further down to Copper sulphide minerals **Chalcopyrite, Chalcocite, Bornite, Covellite**.

In the Enrichment Zone, Gold and Silver enrichment along with Copper is concentrated.

#F1 Upper Mineralization Zone has been excavated until the “Village Road” which is in the lower level.

The excavation of continuance of the zone at **#F1 Lower Mineralization Zone**, which is at right under the “Village Road”, will start in Q1 2020, and the Total depth of excavated Mineralization Zone will reach ~70 meter depth.

Within the scope of this study, a certain number of Exploration-Preliminary Investigation Drillings will be made from the points to be determined on the formation to be revealed by cleaning the top cover and debris to be removed.

The Drilling Program will be expanded to the target of Inferred-Indicated-Measured Resources based on possible positive results.



#F1 Upper Zone

#F1

#F2

Village Road

#F1 Lower Zone

#F1 Lower Zone

Village Road

#F1 Upper Zone

50 mt

YT AREA

Google Earth



#F1

#F2

Detailed search field in progress

Q1 2020
Resource
Development
Area

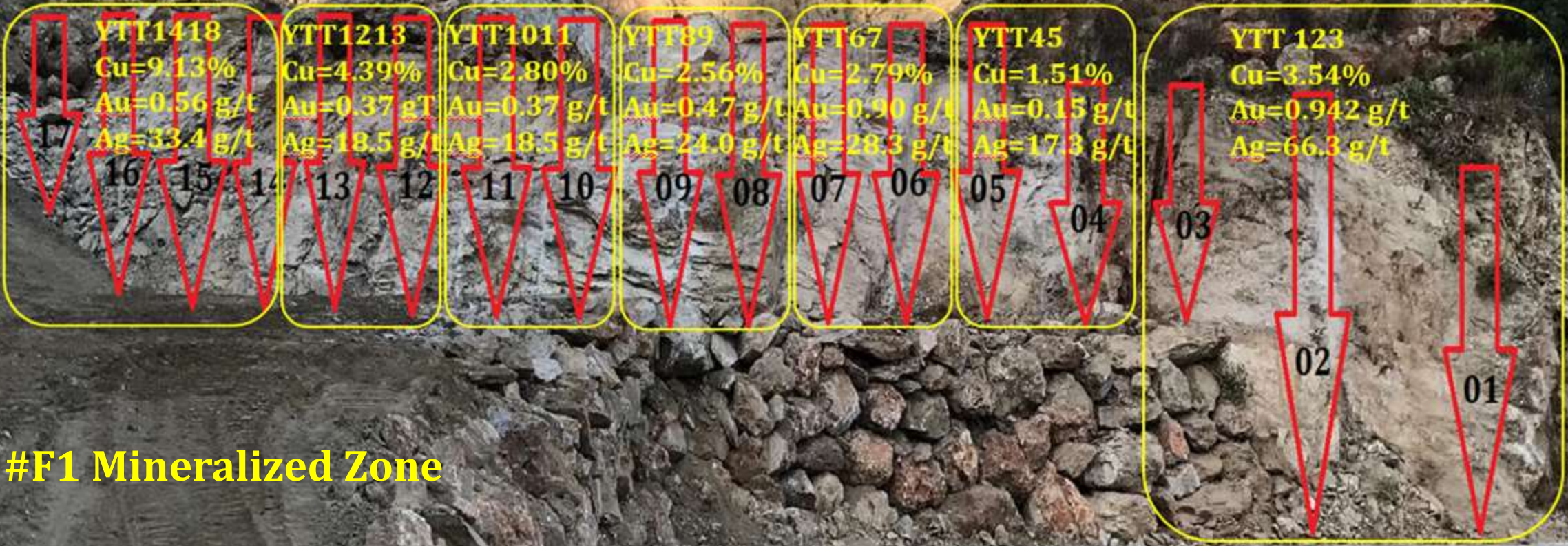
Kılıçarslan Cd.

Kızılcasöğüt Yolu

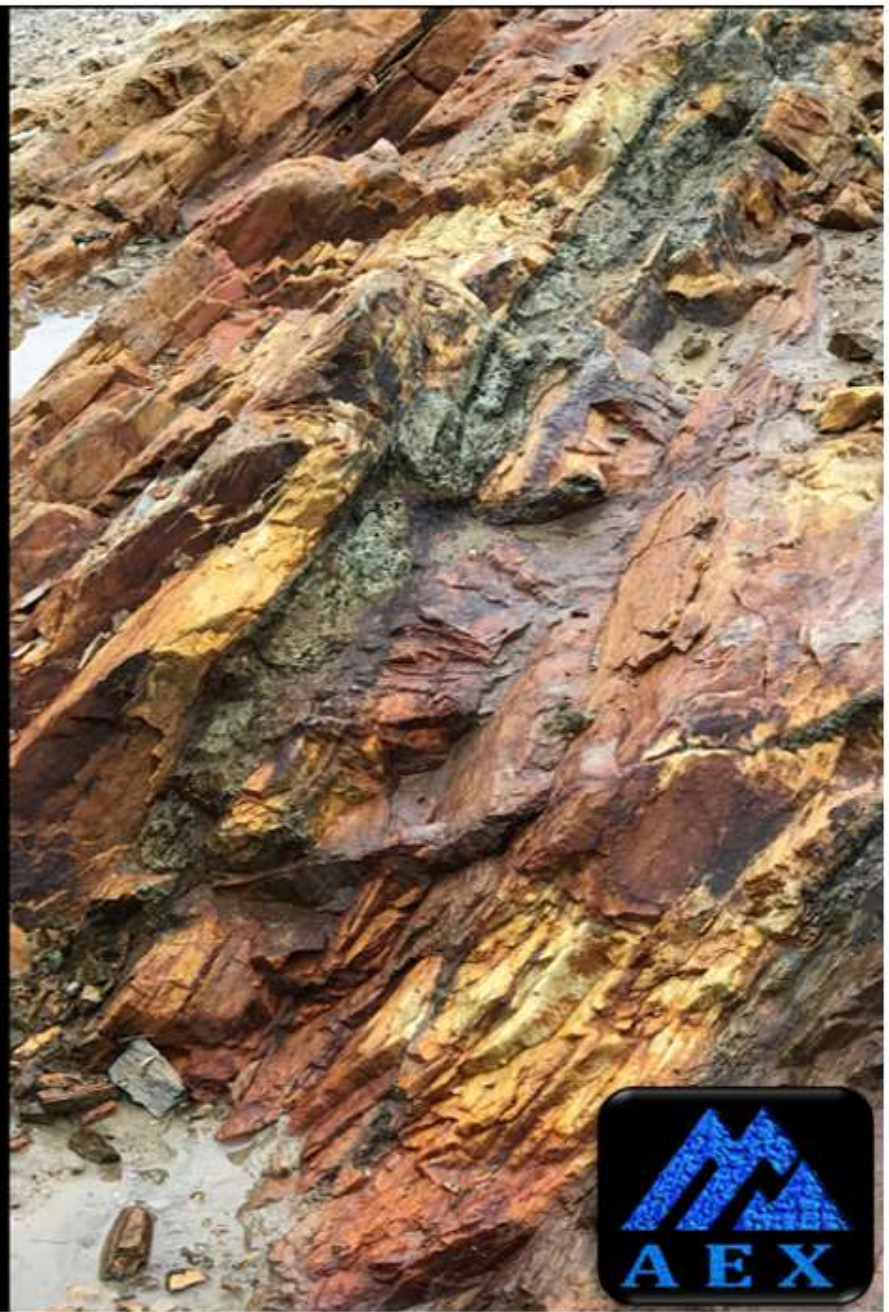
YT AREA #F1 ZONE
Average of 17 Channel Samples

- **Cu 3.82 %**
- **Au 0.59 ppm**
- **Ag 29.97 ppm**





#F1 Mineralized Zone



YT AREA #F1 ZONE
Average of 24 Grab & Chip Samples

- **Cu 9.50 %**
- **Au 2.90 ppm**
- **Ag 103.80 ppm**



Date, Laboratories	Cod.	Cu %	Au ppm	Ag ppm
July 25. 2017 ACME-Bureau Veritas	AEX/YT/01 AEX/YT/02	11.20 0.49	4.48 0.20	78.7 2.9
December 03. 2017 ACME-Bureau Veritas	AEX/YT/03	26.89	0.10	39.6
March 29. 2018 ACME-Bureau Veritas	AEX/YT/04	19.42	2.78	177
April 13. 2018 ACME-Bureau Veritas	AEX-18.03/01	15.35	0.67	139
April 13. 2018 ACME-Bureau Veritas	AEX-18.03/03	1.87	0.27	3.2
April 13. 2018 ACME-Bureau Veritas	AEX-18.02/001	1.60	0.17	17
April 13. 2018 ACME-Bureau Veritas	AEX-18.03/01	2.99	0.10	19

Date, Laboratories	Cod.	Cu %	Au ppm	Ag ppm
February 26. 2019 ACME-Bureau Veritas	AEX/YTD/19011	29.30	0.28	180
May 31. 2019 ACME-Bureau Veritas	AEX-YTT/19051	21.94	1.28	>100
May 31. 2019 ACME-Bureau Veritas	AEX-YTT/19066	15.56	32.97	>1000
May 31. 2019 ACME-Bureau Veritas	AEX-YTT/19067	8.33	8.16	107
June 18. 2019 ACME-Bureau Veritas	AEX-YTT/19068	8.70	9.35	>100
June 18. 2019 ACME-Bureau Veritas	AEX-YTT/19069	15.10	2.78	>100
June 18. 2019 ACME-Bureau Veritas	AEX-YTT/19070	13.42	0.71	20

Date, Laboratories	Cod.	Cu %	Au ppm	Ag ppm
July 30. 2019 ACME-Bureau Veritas	AEX-YTT/123	3.54	0.94	66
July 30. 2019 ACME-Bureau Veritas	AEX-YTT/45	1.51	0.15	17
July 30. 2019 ACME-Bureau Veritas	AEX-YTT/67	2.79	0.94	28
July 30. 2019 ACME-Bureau Veritas	AEX-YTT/89	2.56	0.47	24
July 30. 2019 ACME-Bureau Veritas	AEX-YTT/1011	2.80	0.37	18
July 30. 2019 ACME-Bureau Veritas	AEX-YTT/1213	4.39	0.77	22
July 30. 2019 ACME-Bureau Veritas	AEX-YTT/1418	9.13	0.56	33

YT AREA #F1 ZONE
Ultra High Grade Grab Sample

- **Cu 15.60 %**
- **Au 33 ppm**
- **Ag >1000 ppm**

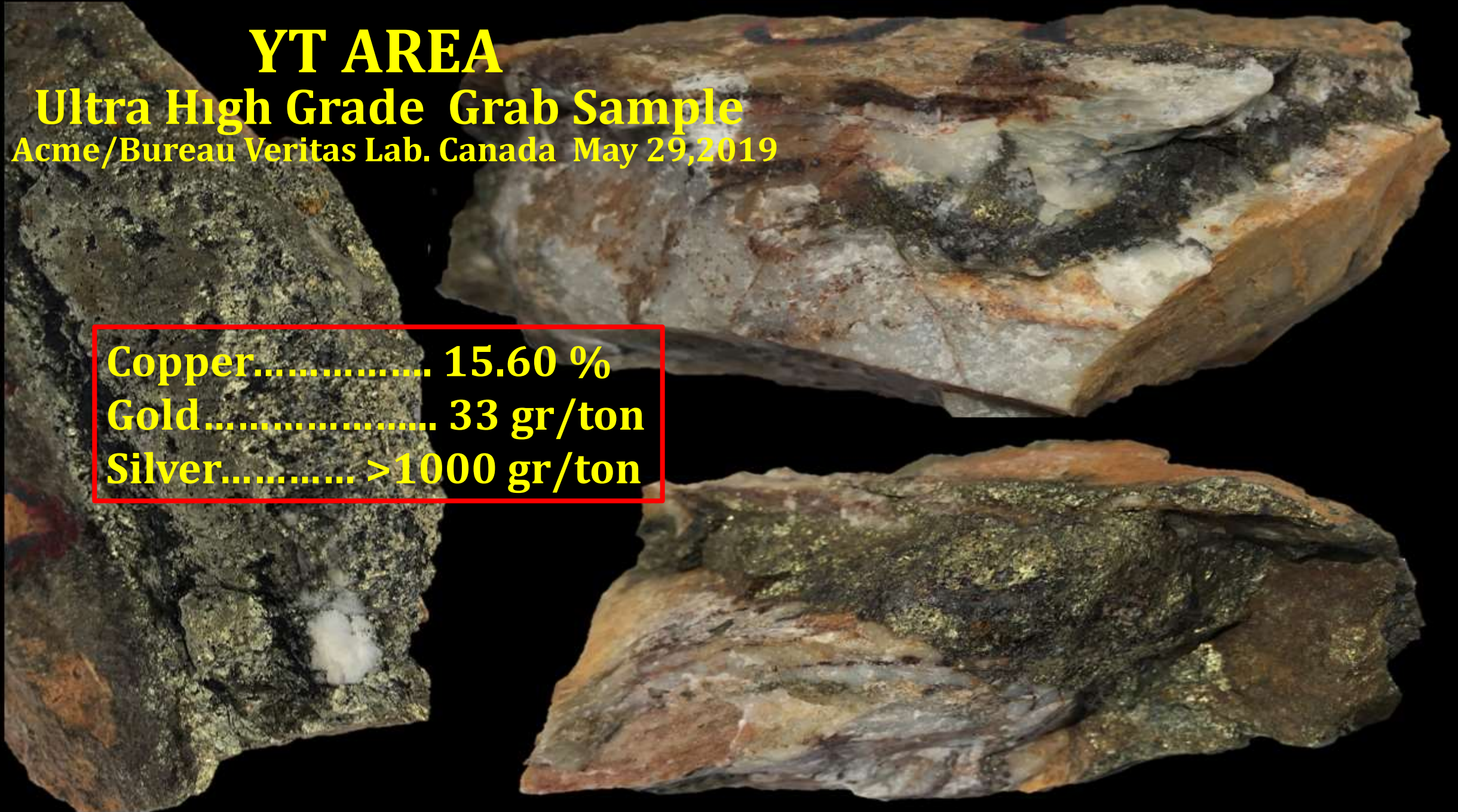


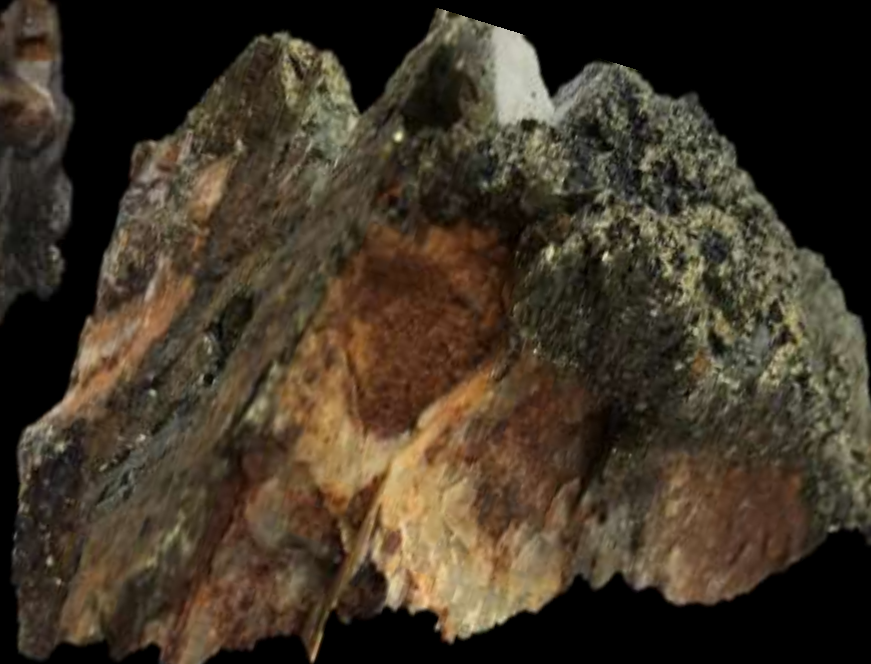
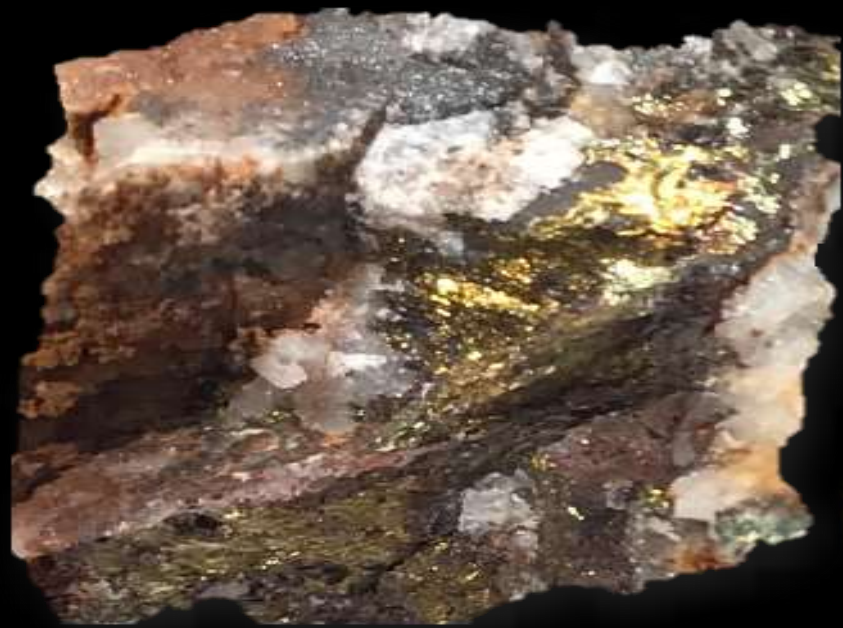
YT AREA

Ultra High Grade Grab Sample

Acme/Bureau Veritas Lab. Canada May 29, 2019

Copper.....	15.60 %
Gold.....	33 gr/ton
Silver.....	>1000 gr/ton





YT AREA #F2 ZONE
Average of 8 Grab & Chip Samples

- **Cu** **3.42%**
- **Au** **0.24ppm**
- **Ag** **4.4 ppm**



Bureau Veritas Commodities Canada Ltd.

Client: AEX METAL MADENCILIK A.S

File Created: 17-Oct-2019

Job Number: ANK19000727

#F2

<u>Sample</u>	<u>Cu</u>	<u>Au</u>	<u>Ag</u>	<u>Pt</u>	<u>Pd</u>
F2/C001	14,300%	276ppb	19626ppb	2ppb	13ppb
F2/C002	1,608%	5ppb	1296ppb	3ppb	21ppb
F2/C003	3,726%	1394ppb	7197ppb	230ppb	16ppb
F2/C004	0,137%	8ppb	261ppb	5ppb	10ppb
F2/020	4,641%	206ppb	3414ppb		
F2/021	1,196%	10ppb	1819ppb		
F2/025	0,132%	4ppb	99ppb		
F2/026	1,635%	6ppb	1629ppb		
Average	3,422%	239ppb	4417ppb		



#F2

BIF (Precambrian)

Banded Iron Formation

& Cu,Au,Ag



