

Golden Opportunities

# MAURITANIA

Tijirit Area

2023

# WHY MAURITANIA?



Mauritania has significant reserves of natural resources, especially **hydrocarbons** and **precious metals**. The progress made by Mauritania in the Doing Business ranking published annually by the World Bank has enabled the country to attract some of the **largest investors in the field of extractive industries**, such as the leading Canadian operators in the exploitation of **gold Kinross Gold, First Quantum, Aya Gold & Silver**, in addition to the five largest energy companies in the world: **Total, BP, Kosmos Energy, Shell** and **Exxon Mobil**. During 2020, the contribution of **extractive industries activities reached 24.2% of GDP**, the highest in Mauritania, promoting a growth of the sector of 35.5% due to a remarkable rise in gold and iron during the last period

Mines: Mining is today the most important component in the field of extractive industries in Mauritania, with more than 60 national and foreign companies, in particular:

- The National Industrial and Mining Company (SNIM) which exploits iron deposits in the northern region of Tiris Zemmour, with a production which reached 13 million tons per year.
- The company Mauritanian Copper Mines (MCM) in the region of Inchiri, which produces 29 million tons of copper per year.
- The company Tasiast Mauritania, which operates the gold mine in Tasiast in the northern region of Dakhlet- Nouadhibou, with an average annual production of 11,5 million tons

## Location

The COMIMA permit is located in northwestern Mauritania, some 275 kilometers north of the capital Nouakchott, and in the southern border of Tijirit gold project for AYA GOLD AND SILVER, and 25 kilometers southeast of the Tasiast Gold Mine (+15 M oz Au).

## Access

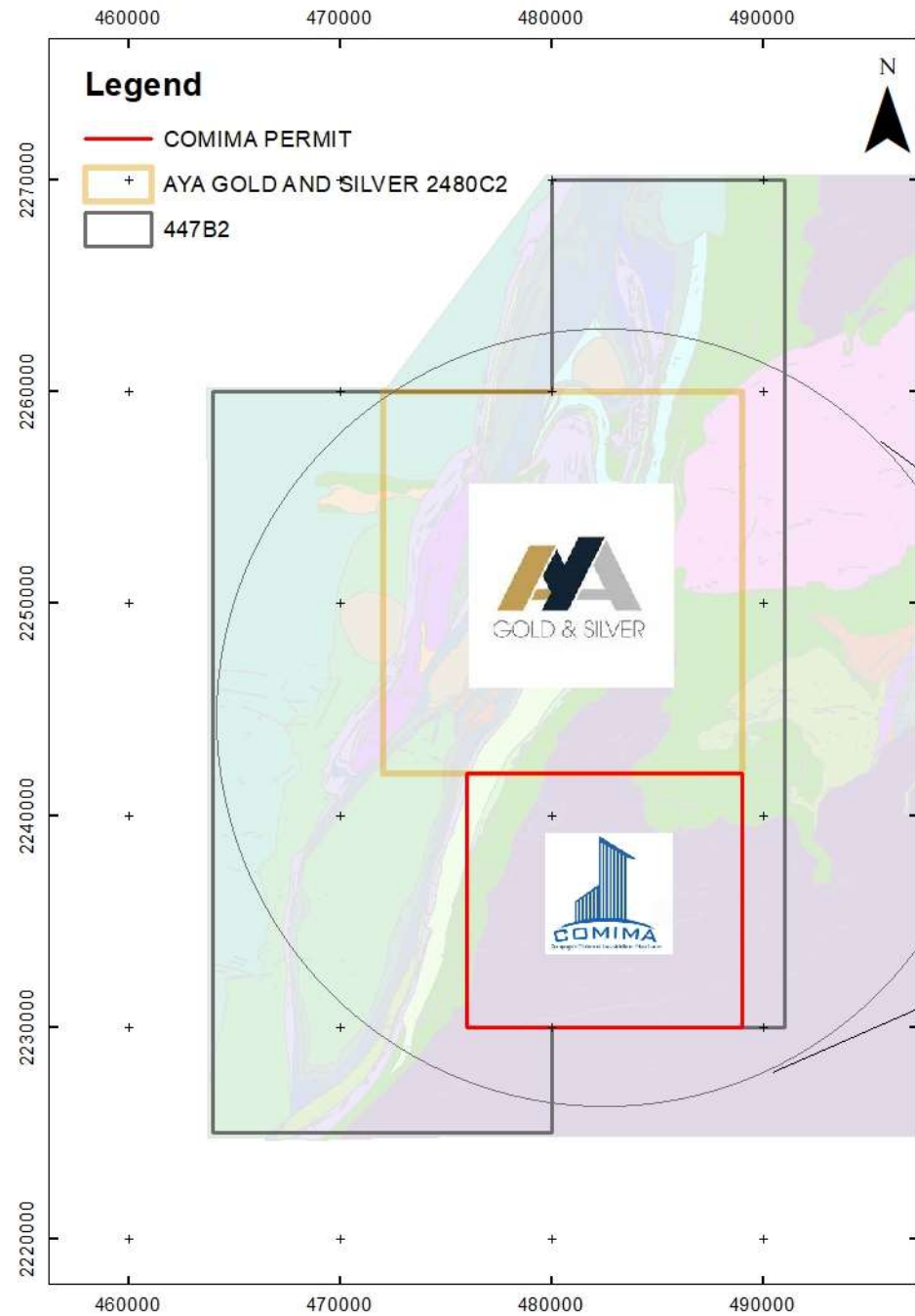
Year-round access to the COMIMA permit is assured from Nouakchott by a paved road that runs over 200 kilometers north. From there, a dirt road runs 74 kilometers northeast along the Akchar dune bar

## Surface area

The permit covers 156 km<sup>2</sup>.

The COMIMA permit located in the south west part of the former exploration permit 447B2 of (Algold and currently AYA GOLD AND SILVER).

Zone ou Perimetre	Coordonees UTM, WGS 84		
TIJIRIT	1	476000	2242000
	2	489000	2242000
	3	489000	2230000
	4	476000	2230000



# COMIMA PERMIT LOCATION

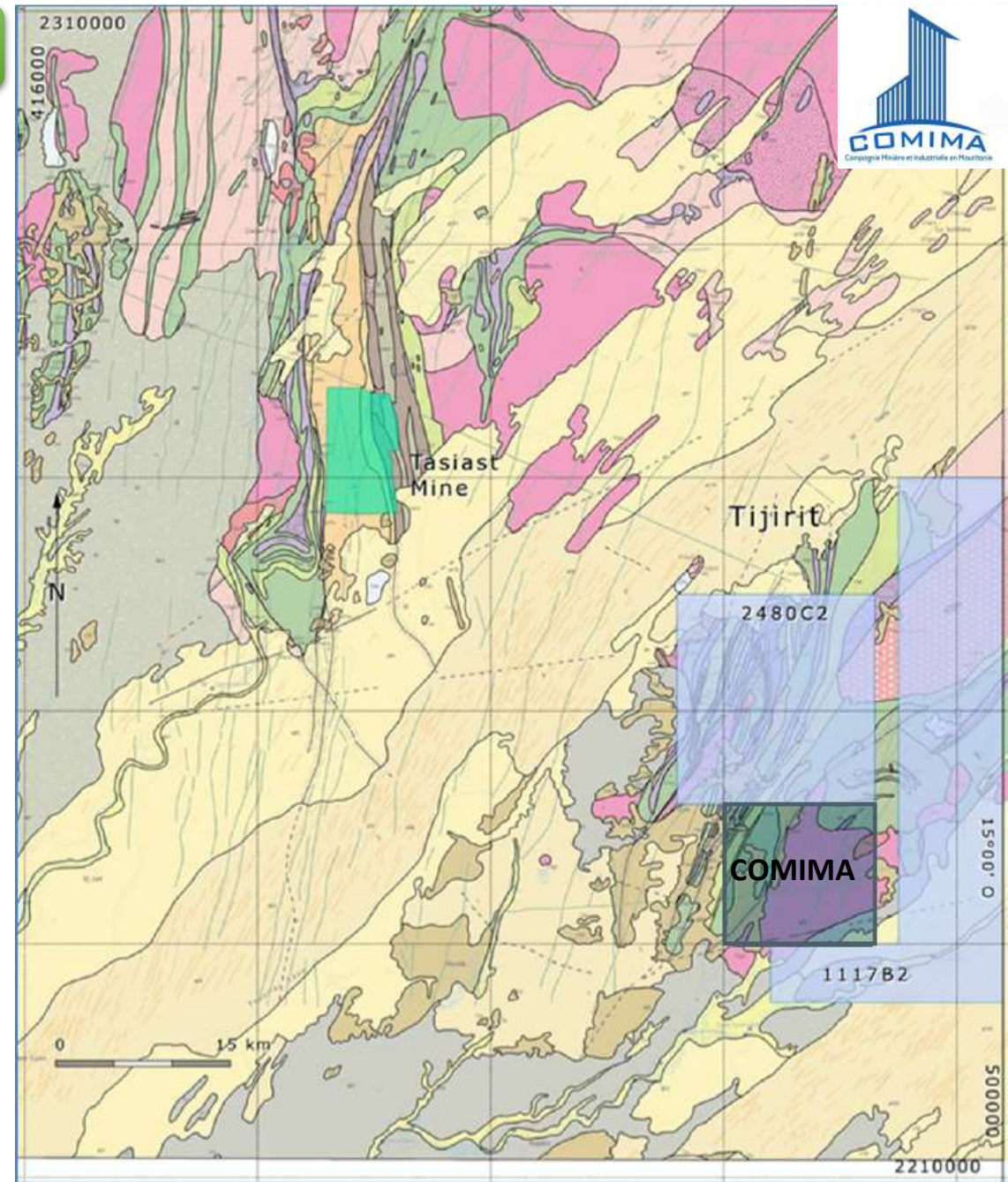


# GEOLOGICAL SETTING AND MINERALIZATION

## Regional Geology

The Project area lies in the southwestern portion of the Reguibat craton mostly underlain by Precambrian crystalline rocks

The basement is mostly composed of large granitic intrusions and moderate to high-grade metamorphic rocks including gneisses, amphibolites, volcanogenic schists and gneisses and metasediments. Metamorphic grade in the Reguibat generally increases from mid-greenschist in the southwest through to granulite grade in the northeast.



Geology of the 1:200,000 Chami Map Sheet Showing the Location of the Comima permit

### Property Geology

Gold mineralization at Tijirit area is believed to be directly related to NNE-trending deformation events where hydrothermal fluids were channeled along these conduits resulting in sulphides and silicification, notably:

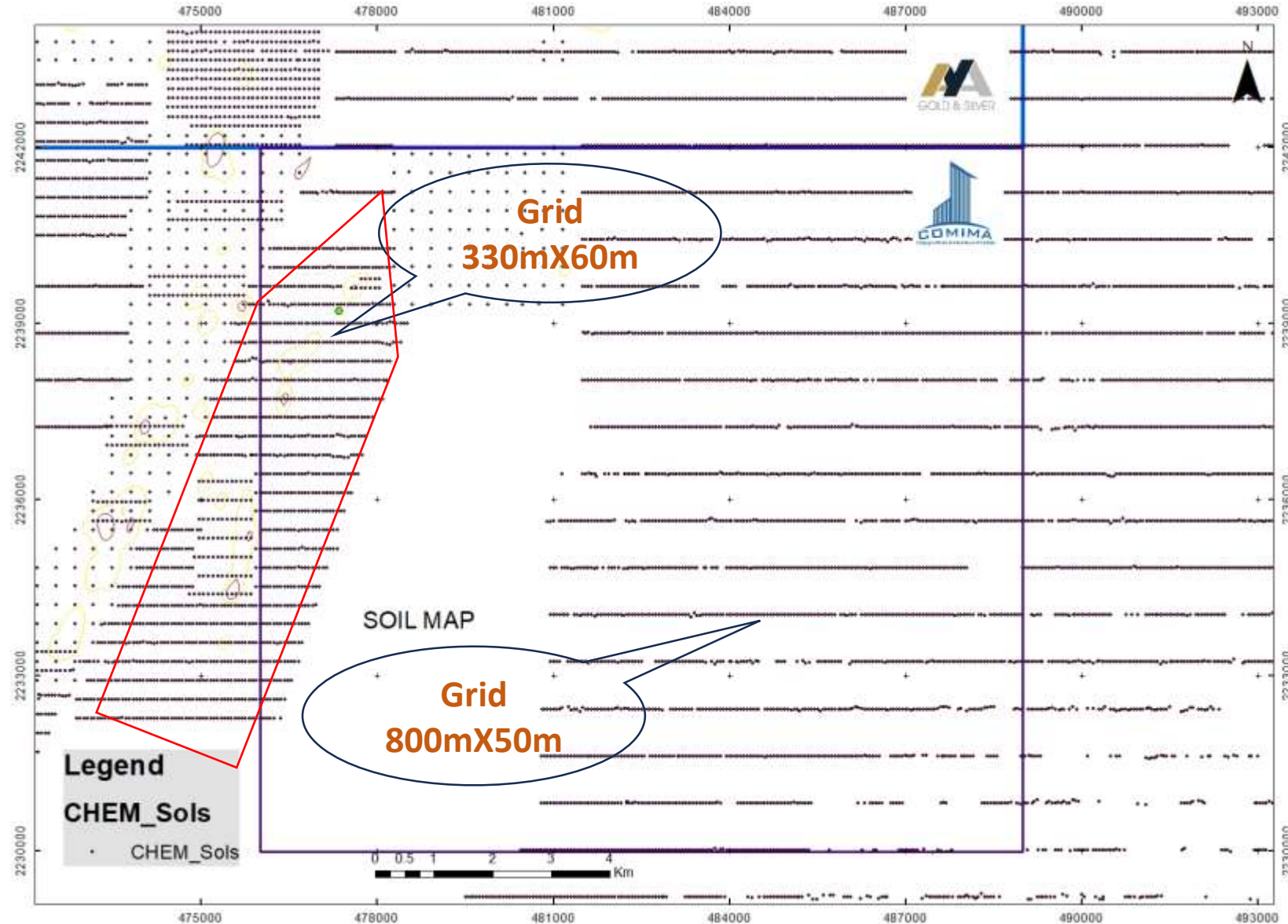
- In contact between meta-igneous and metabasic rocks;
- In quartz-carbonate veining and stockworks in contact between metasediments and iron formation;
- In the sheared contacts in metasedimentary or metabasic units;
- Or in large syn-tectonic quartz veins in sheared metabasic units.

Similar mineralization occurs on strike with the major prospects areas but also along sheared contact between large syn-tectonic pluton and surrounding metasedimentary units further east.



## SOIL

Since 2011 Shield Mining Mauritania and Gryphon have carried out geochemical work of different grid sizes 50X800 and later 60X330 with results exceeding 100 ppb.

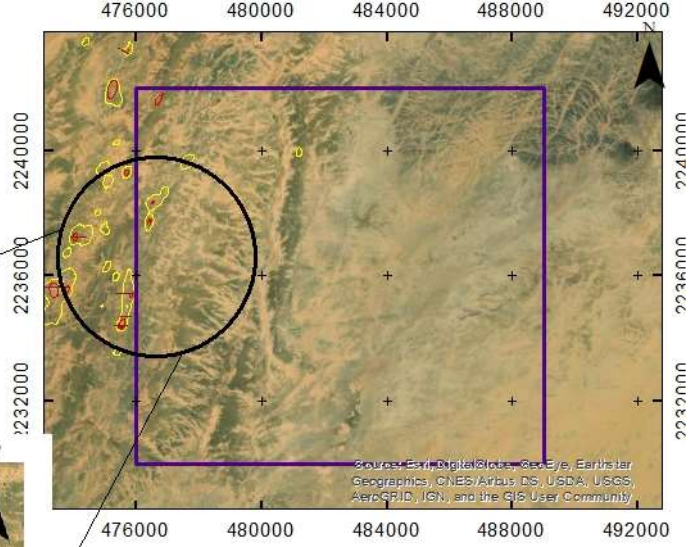
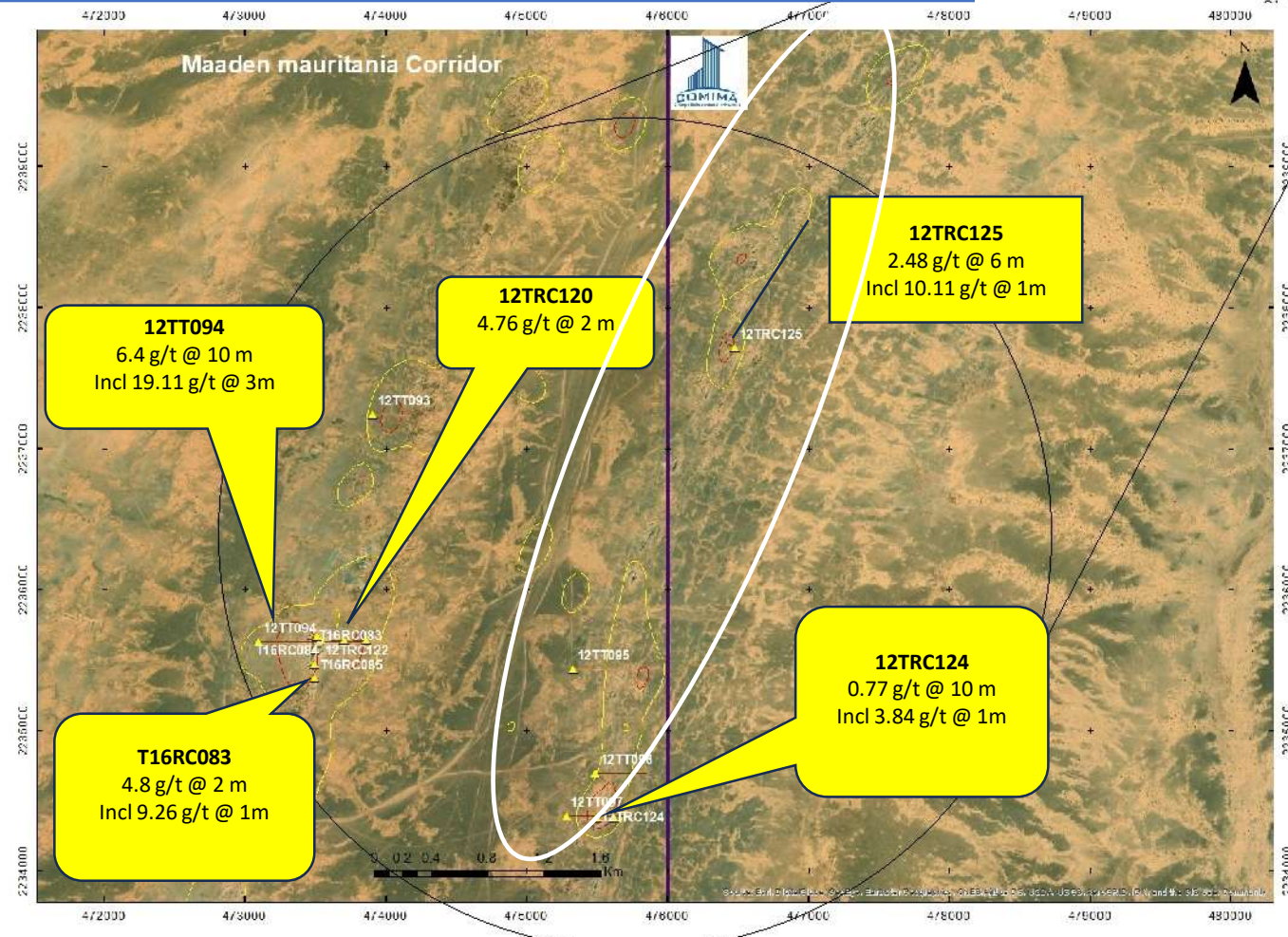




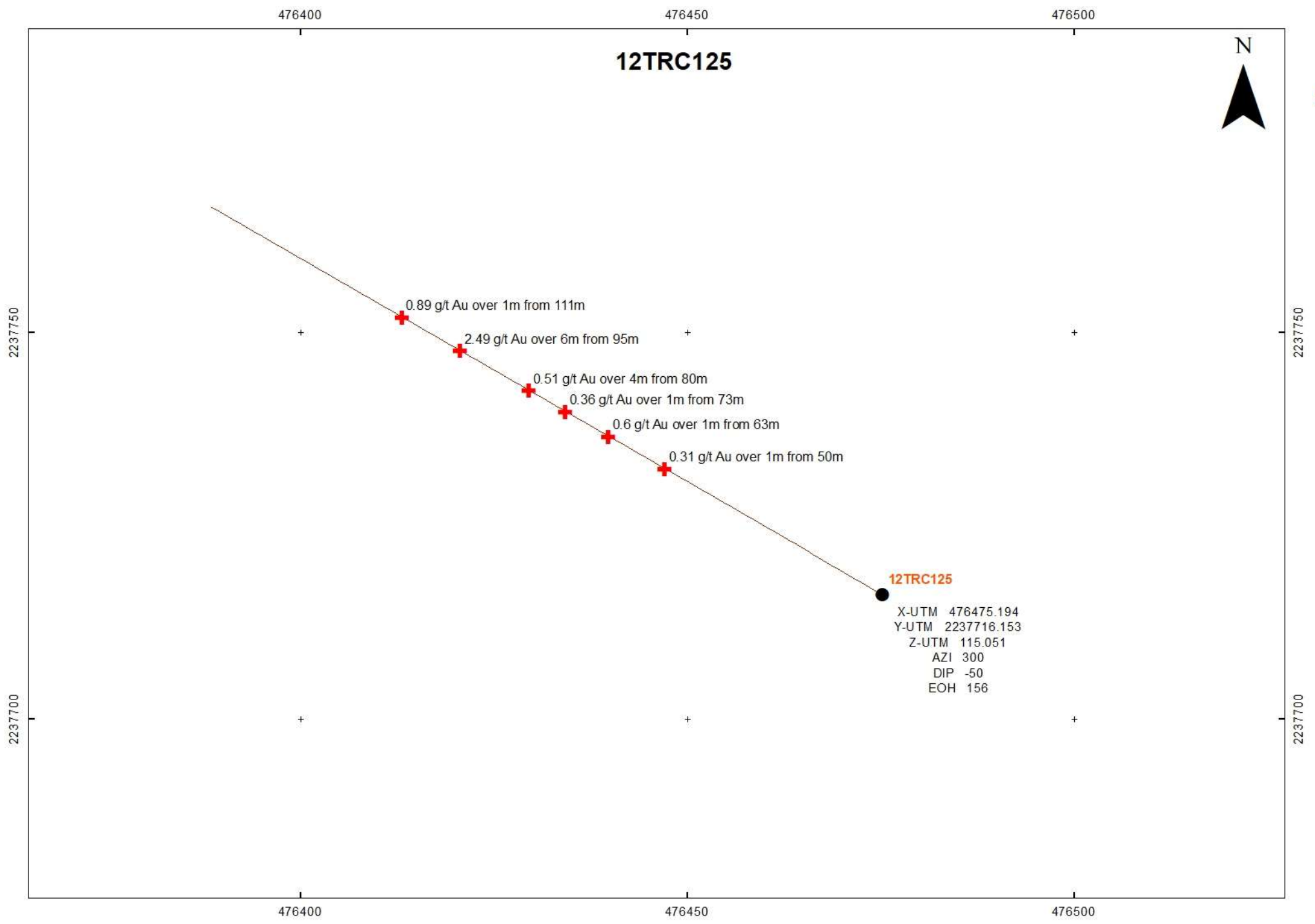
# HISTORICAL EXPLORATION

## TRENCHES AND DRILLHOLES

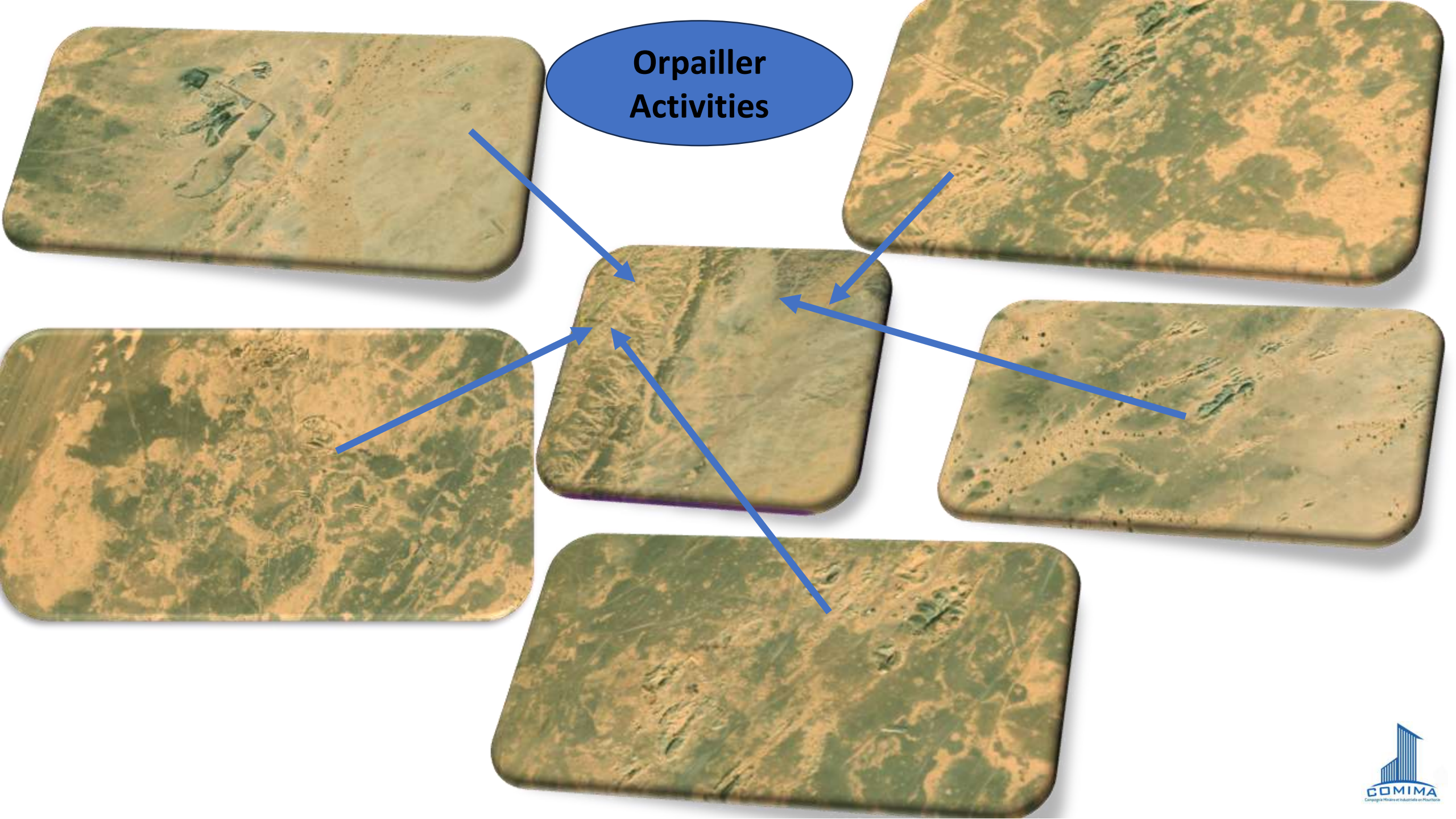
The COMIMA permit located in the south west part of the former exploration permit 447B2 of (Algold and currently AYA GOLD AND SILVER). The continuity of geological structures is very clear in geological maps and satellite images. the exploration program which was carried out by gryphon 2012 showed very important results in the COMIMA permit such as hole 12TRC125 with 0.45 g/t over 5m and 2.5 g/t over 6m including 10.11 g/t over one meter.



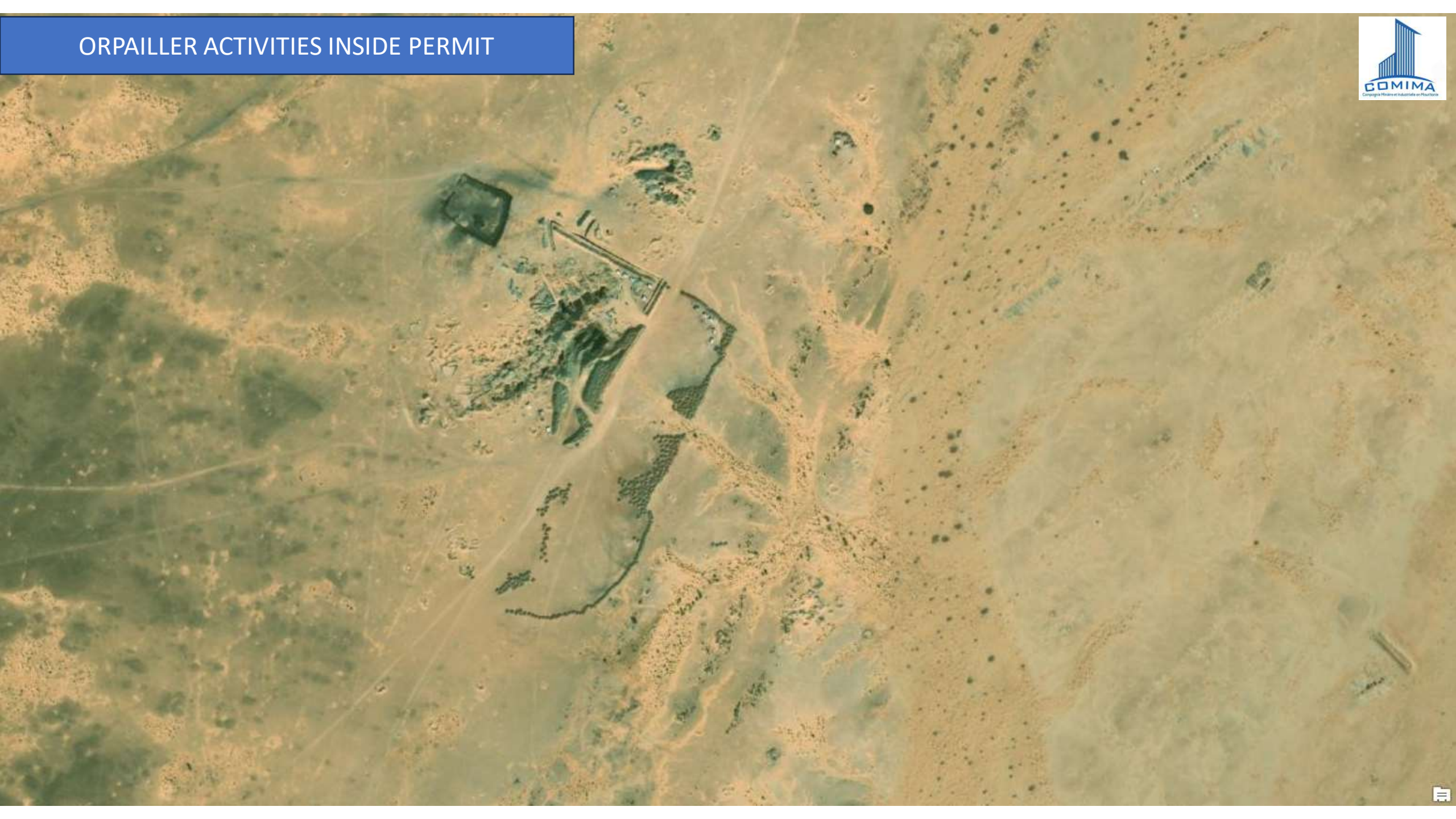
# 12TRC125



**Orpailleur  
Activities**



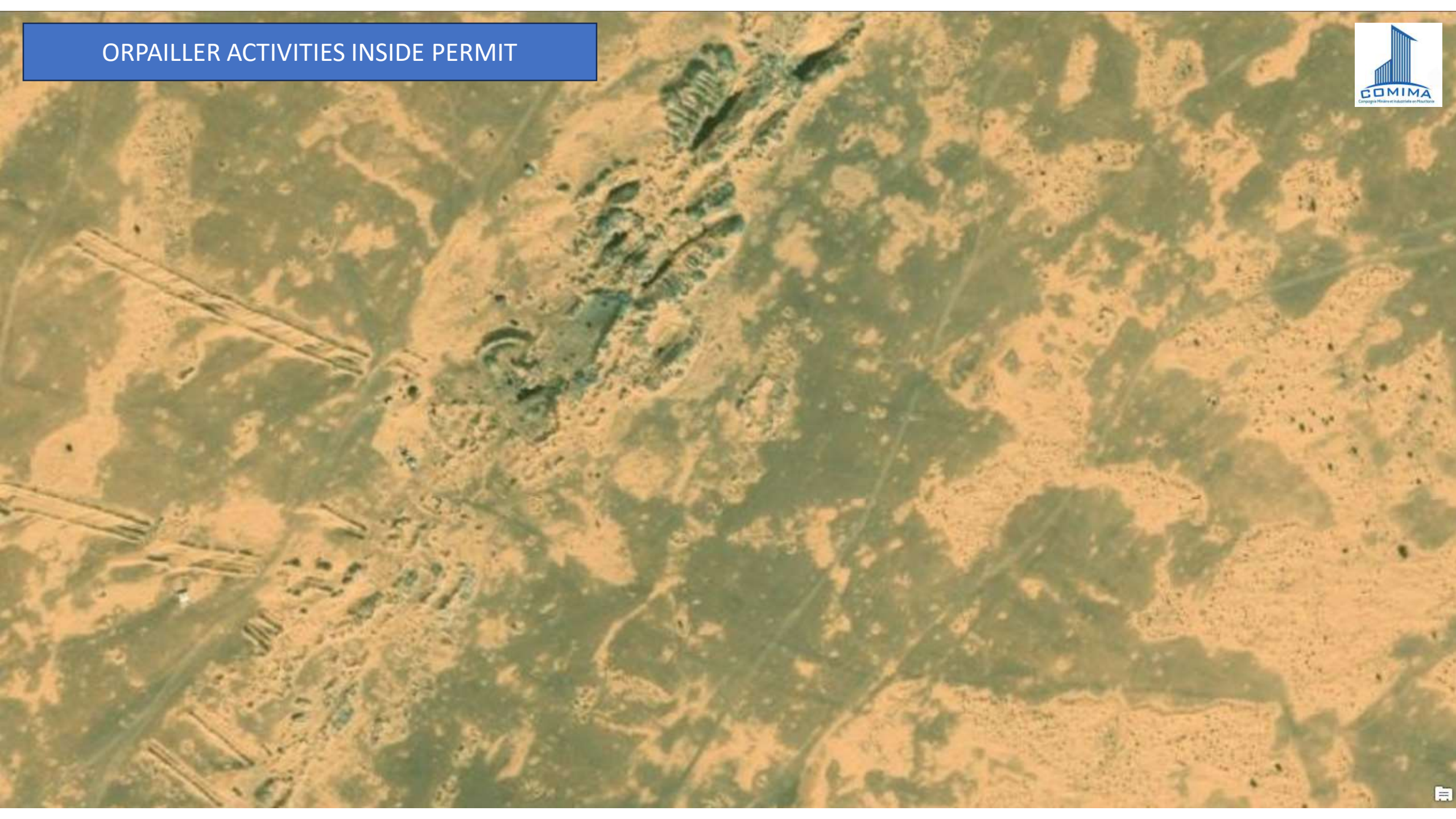
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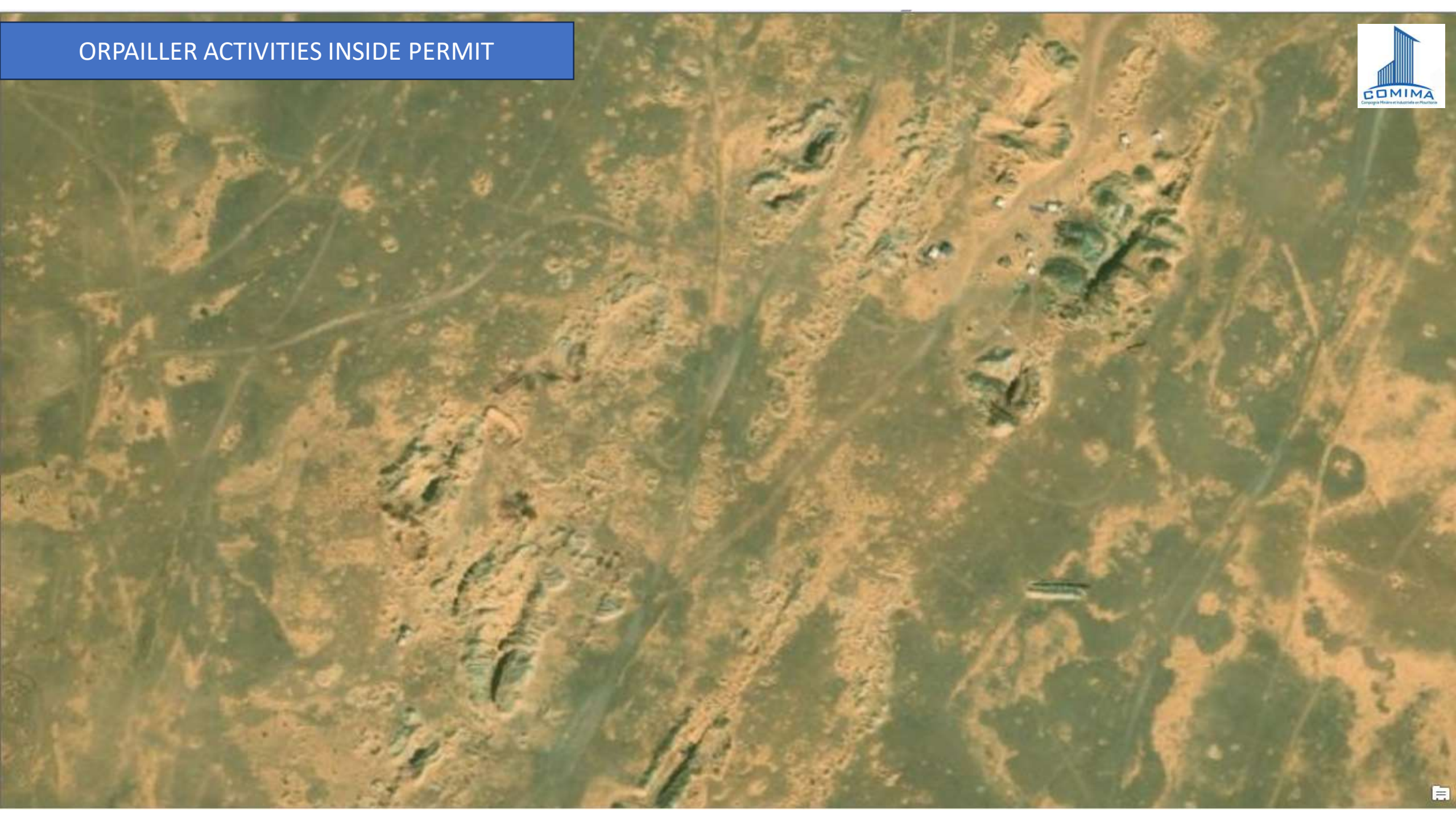
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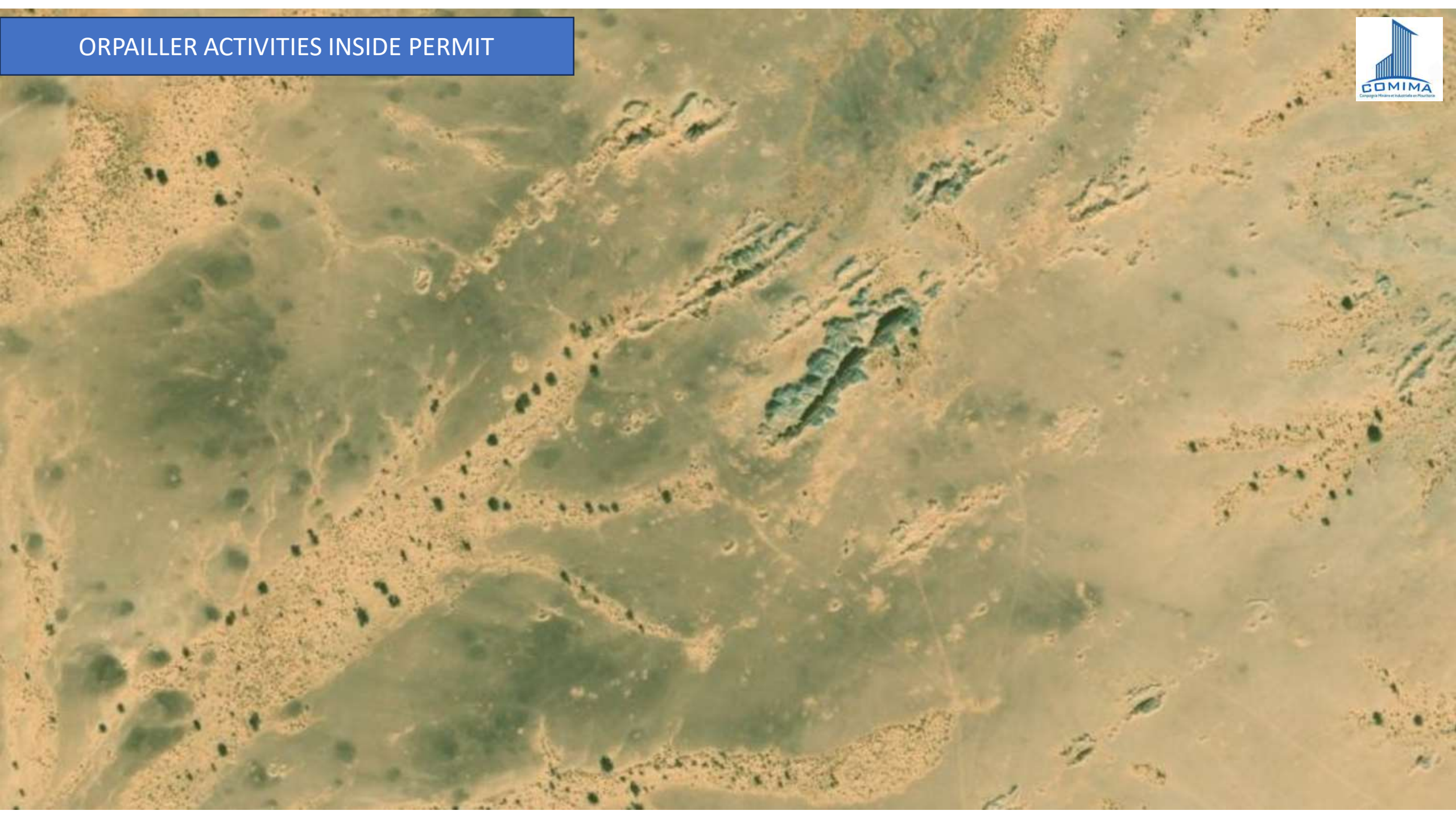
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**THANK YOU VERY MUCH**