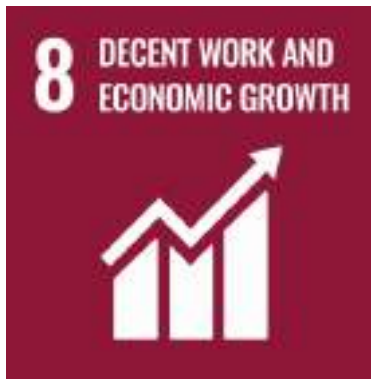


Samta Morocco SA

Exploration & Mining Business



Our Founder



Purushottam Agrawal

**Founder, Ajanta Pharma
Chairman, Samta Group**



- L Founded in 1973
- L Employees 7,000+
- L Research scientists 850+
- L 7 plants, 2 USFDA approved
- L 150+ Products
- L Global presence in 30+ markets
- L Market cap: \$3.5 bn
- L Promoter holding 66%+



- L Singular focus of sustainability –
Recycle, Reduce & Reuse
- L Businesses across Metals, Bio-
tech, Nano-tech, Green Energy
- L \$ 70 Mn Invested
- L 400+ Employees
- L 3 Patents
- L Dedicated promoter funded
Philanthropic arm

Select Recognitions

- > The Asian Business Leadership Forum's Business Excellence Award in '22 for his outstanding leadership.
- > Pharma Excellence Award by PHARMEXCIL, Govt. of India.
- > Best Export Performance Award by Directorate of Industries, Govt. of Maharashtra
- > Gold Trophy for Quality Excellence from Indian Drug Manufacturers Association
- > Ajanta Pharma listed in Forbes India Super 50 Companies for three years in a row 2015, 2016 and 2017.



Our Vision, Mission & Core Values

Vision Create equilibrium between Humanity and environment.	Mission Sustainable solutions for everyday life.
--	--

Core Values

 Innovation Challenge the present, change the future.	 Integrity Practice honesty, morality will become a habit.	 Excellence Be consistently committed, perfection will follow.
 Courage Dream big, let your conviction make it a reality.	 Sustainability Design lasting solutions, create a future for everyone.	 Empathy Acknowledge every perspective, create an inclusive culture.



About Samta Group

samta

Inventing a New Future



2016

Founding Year



Mumbai, India

Headquarters



4

Regions of presence



5

Subsidiaries



+100 M USD

Investment commitment in Morocco

 **samtamines**

General overview

- **SAMTA GROUP** is an Indian company founded in 2016 which operates in several emerging industries, including biotechnology, mining, renewable energy, fintech and Blockchain
- The Company was created as part of a **diversification strategy for Ajanta Pharma**, a publicly listed Indian company specializing in the development and commercialization of pharmaceutical formulations
- **SAMTA Group** conducts business in various regions through its subsidiaries, including **India, the USA, the Middle-East and Africa** (DR Congo, Morocco, and Uganda)

Promoter Directors



Purushottam Agrawal
Founder - Ajanta Pharma
Chairman - Samta Group



Madhusudan Agrawal
Vice Chairman-Ajanta Pharma



Ravi Agrawal
MD – Samta Group

Group Business activities



SAMTA Energy

- **25 MW solar energy plant since 2012**
- **An uptime record of 99.9%**



Gencrest

- **R&D, Manufacturing & Marketing Products** : OLN, OM, and textile grade banana fiber



SAMTA Mines & Minerals

- Presence in **Uganda, DR Congo and Morocco**
- **Metals** : Copper, Cobalt, Nickel, Lithium, Gold, Silver



Proto9

- **Nanotechnology**
- **Fertilizers, Fibers and Metals**



InfiniChains

- **AI & Blockchain technology**
- **Products** : Traceability and Transparency



SAMTA Foundations

- **Healthcare**  **Services**
- **Education**  **Prison activities**
- **Community**



About Samta Mines



3
Countries of presence

27
Mineral licenses in Africa

3
Types of extracted metal

1 704 km²
Area covered

27 M USD
Total Investment in Africa

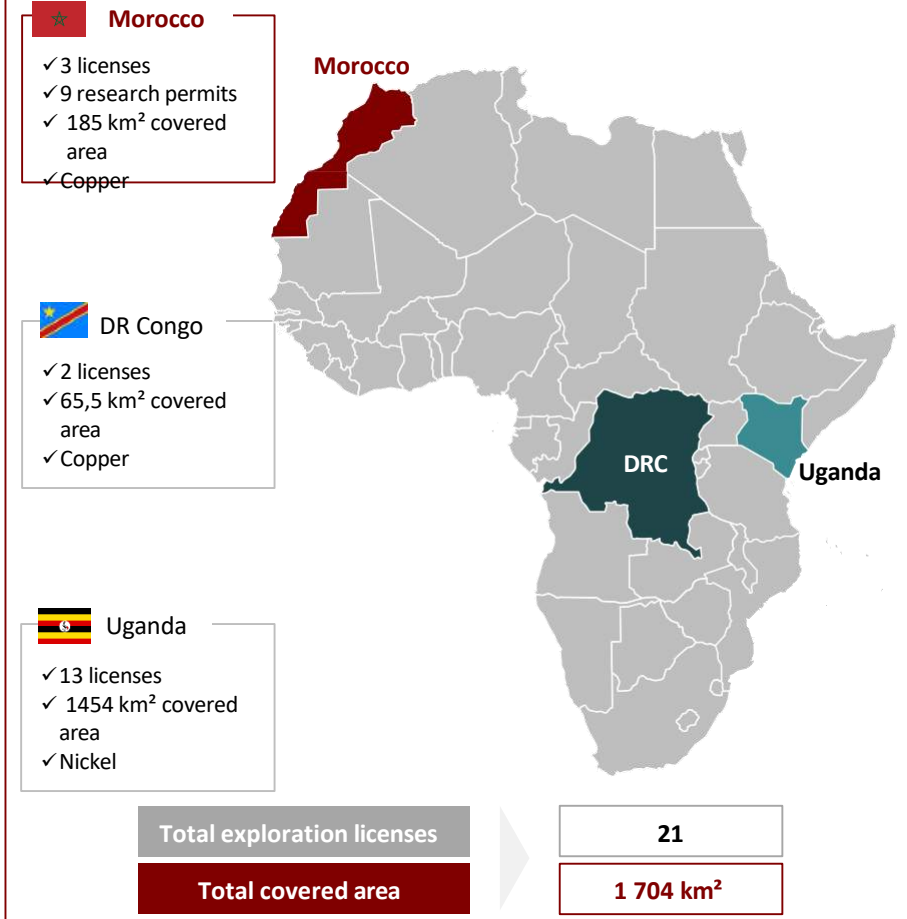
General overview

- Based in India, **SAMTA Mines & Minerals Ltd.** is part of the **SAMTA Group**. The company specializes in the extraction and refining of metals & minerals :
 - ✓ **Energy Metals:** Extraction and refining of Copper, Nickel, Lead, Zinc, and Antimony used for generation, storage and use of electrical energy
 - ✓ **3TG:** Tin, Tungsten, Tantalum and Gold used in products such as mobile phones, cars, and jewelry
 - ✓ **Rare-earth elements (REEs):** used as components in high technology devices, such as smart phones, digital cameras, computer hard disks, fluorescent and LED lights, flat screen televisions, computer monitors, and electronic displays
- SAMTA Mines** owns businesses in **Uganda, Democratic Republic of Congo** and **Morocco** through its subsidiary located in UAE, **SAMTA Management Services DMCC**. The Company holds 21 minerals licenses & research permits covering an area exceeding 1 977 km²

SAMTA Mines & Minerals portfolio description & use

	Applications	Products
Energy Metals	Crucial for industries such as construction, transportation, and telecommunications	<ul style="list-style-type: none"> ✓ Copper ✓ Nickel ✓ Lead ☐ Zinc ☐ Antimony
3TG	Essential for many modern technologies: Mobile phones, cars, and jewelry	<ul style="list-style-type: none"> ✓ Tin ✓ Tungsten ☐ Tantalum ☐ Gold
REEs	High technology devices components (smartphones, digital cameras, computers, flat screens etc.)	<ul style="list-style-type: none"> ✓ Erbium ✓ Cerium ✓ Terbium

African presence of SAMTA Mines & Minerals



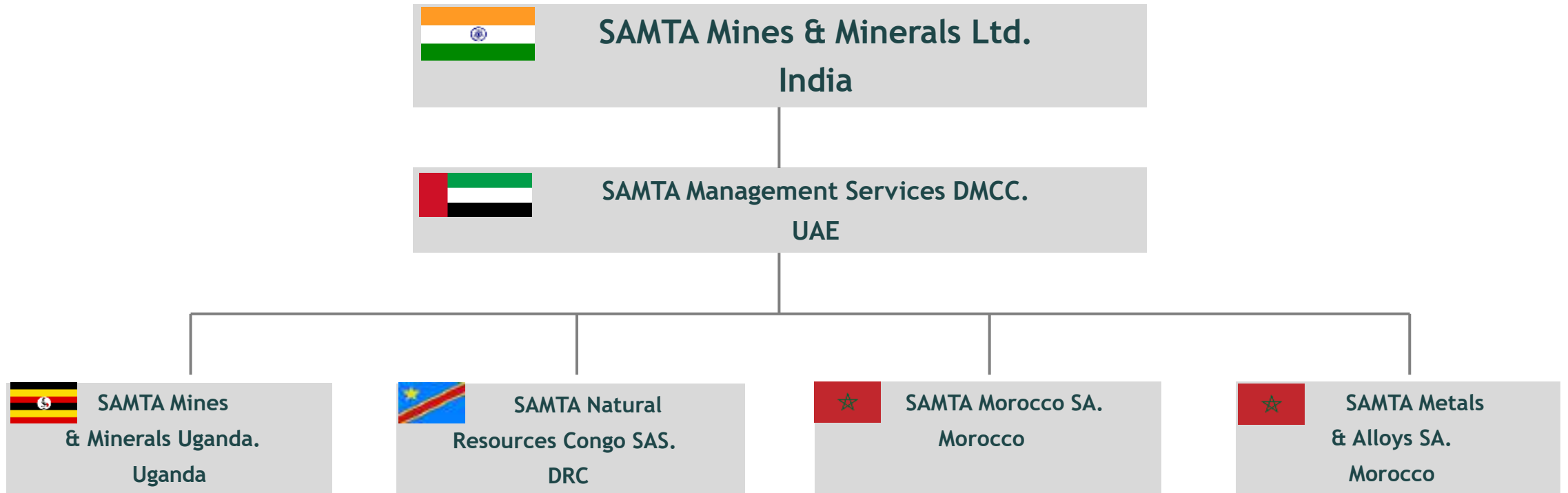
Samta Mines | Sustainability Focus

Sustainability is the core focus in all our operations – right from the concept and design stage, project, operation, and post-operation closure.

SMML is committed and adheres to the following benchmark practices while executing our projects & operations:

- Zero Harm, Zero Waste, Zero discharge mining concept
- Compliance of ICMM/IFC guidelines and Dow Jones sustainability matrix
- Incorporation of blockchain technology for traceability and ethical mining practices
- Worlds benchmarked technologies to achieve the lowest specific water & energy consumption
- Promotion of green power in the applicable area
- Proactive deployment of our flagship foundation activities
- Digital mining coupled with green-powered equipment for a lower carbon footprint
- Drive waste-to-wealth initiatives under zero waste concept

Samta Mines | Organisation Chart



Samta Mines | Board of Directors



Purushottam Agrawal
Group Chairman

A visionary entrepreneur & Founder- Ajanta pharma



Ravi Agarwal
Managing Director

International BD and Marketing Ajanta Pharma, Infinchains



Madhusudan Agrawal
Director

Vice chairman Ajanta pharma, Honorary consul general of the Republic of Uganda



Nitin Deshmukh
Independent Director

Ex Founding Managing Partner, Kotak Investment Advisors



Shyam Lal Bajaj
Independent Director

Ex-CFO Vedanta, Ex-CFO Polycab

Samta Mines | Leadership Team



Vinod Wagh
CEO

27 years of experience in Metal & Mining business covering copper / lead/ zinc smelting & refining operations



Aniket Gupta-
CFO

18 years of experience in corporate finance & Governance in India and international level



Hind Abouali
General Manager
Samta Morocco SA

10 years of experience in mining and trading business in HR & admin, liaising & PR in Morocco



Tapan Mappat
COO-Morocco

22 Years of experience in copper, aluminum ,gold smelting & refining in India & abroad.



Biranchi Pati
Head- BD & Projects

25 years of experience in Exploration & Mining, Business Development in India & abroad

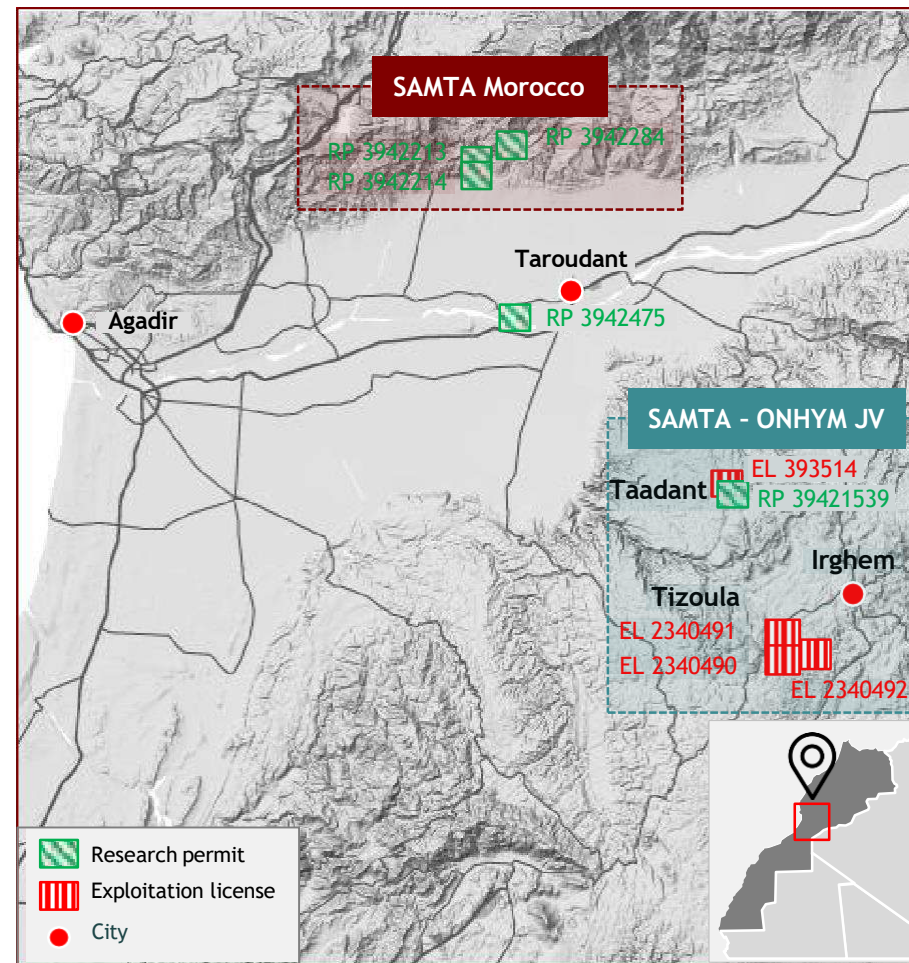
Samta Morocco SA | Exploration & Mining Business

General overview

- **SAMTA Morocco SA** was created in April 2022 and is part of the African subsidiaries of SAMTA Management Services DMCC (owned by SAMTA Mines & Minerals). The Company mainly exploits **Copper** reserves in Morocco, covering a total area of **185 km²**, located in the south and south-east of the country (Agadir, Tata, Errachidia)
- **SAMTA Morocco** has been granted **4 Copper and Silver exploration licenses** in the Agadir region as well as **1 Copper and Gold exploration license** in the region of Errachidia by the Moroccan government. The company also operates through a **joint-venture with the ONHYM** (National Office of Hydrocarbons and Mines) for the exploration of **6 additional Copper mining licenses**
- As part of its expansion strategy in Morocco, **SAMTA** aims to develop a **metal recycling project**

	Licenses & research permits	Covered Area (km ²)
ONHYM JV	2 Research Permits	32
	4 Exploitation license	36,1
SAMTA Mines	8 Research Permits	100,9
	1 Exploitation license	16
Total	15 Permits	185

Greenfield exploration



(1) Includes other explorations licenses & research permits not displayed on the map



Copper, Silver & Gold

Extracted Metal



10

Research permits



5

Exploitation license



+185 km²

Total area covered



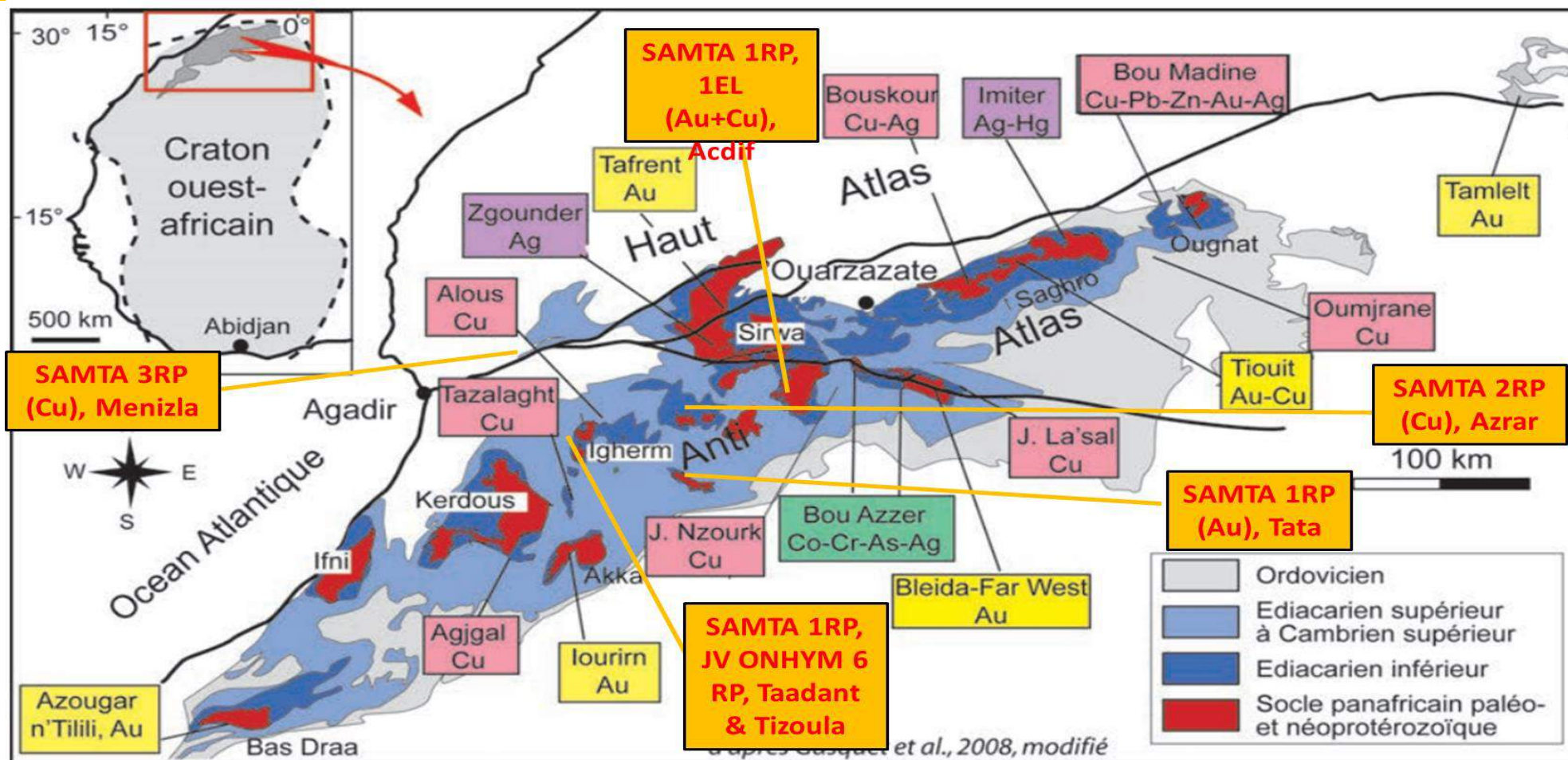
samtamines



Samta Morocco SA | Summary of licences/permits

Owner/Holder	Domain/Area	ID license	Category	Surface Km ²	Metal targeted	Work Done	Planned work
SAMTA Morocco	Taroudant/Menizla	3942213	RP	10	Cu (Sulph)	Geological work : Mapping, Sampling, trenching	RC Drilling (3000m)
		3942214	RP	16	Cu (Sulph)		
		3942284	RP	16	Cu (Sulph)	New Licenses	
	Igherm/Azrar	3942477	RP	14.8	Cu (Sulph)	New Licenses	Geochemistry and stream sediment study
		3942474	RP	13.8	Cu (Sulph)		
	Igherm/Taadant	3942475	RP	6.2	Cu+Ag (Ox)		
	Ouarzazate/Acdif	233265	EL	16	Au		
		2339908	RP	13.3	Au		
	Tata	3942476	RP	10.8	Au		
	ONHYM (JV)	Igherm/Taadant	393514	EL	10.1	Cu+Ag (Ox)	Geological work : Mapping, sampling & Trenching
3941539			RP	16	Cu+Ag (Ox)		
Igherm/Tizoula		3941988	RP	16	Cu+Ag (Ox)	ONHYM existed Data review & validation	RC drilling Phase 1B : 2000m
		2340490	EL	26	Cu+Ag (Ox)		
		2340491			Cu+Ag (Ox)		
	2340492			Cu+Ag (Ox)			

Samta Morocco SA | Summary of licences/permits



Samta's portfolio falls in the Moroccan Anti-Atlas region surrounding major active mines

Samta Morocco | Exploration Update(Agadir Area)

Licenses covered

RP 3942213

RP 3942214

Greenfields Exploration

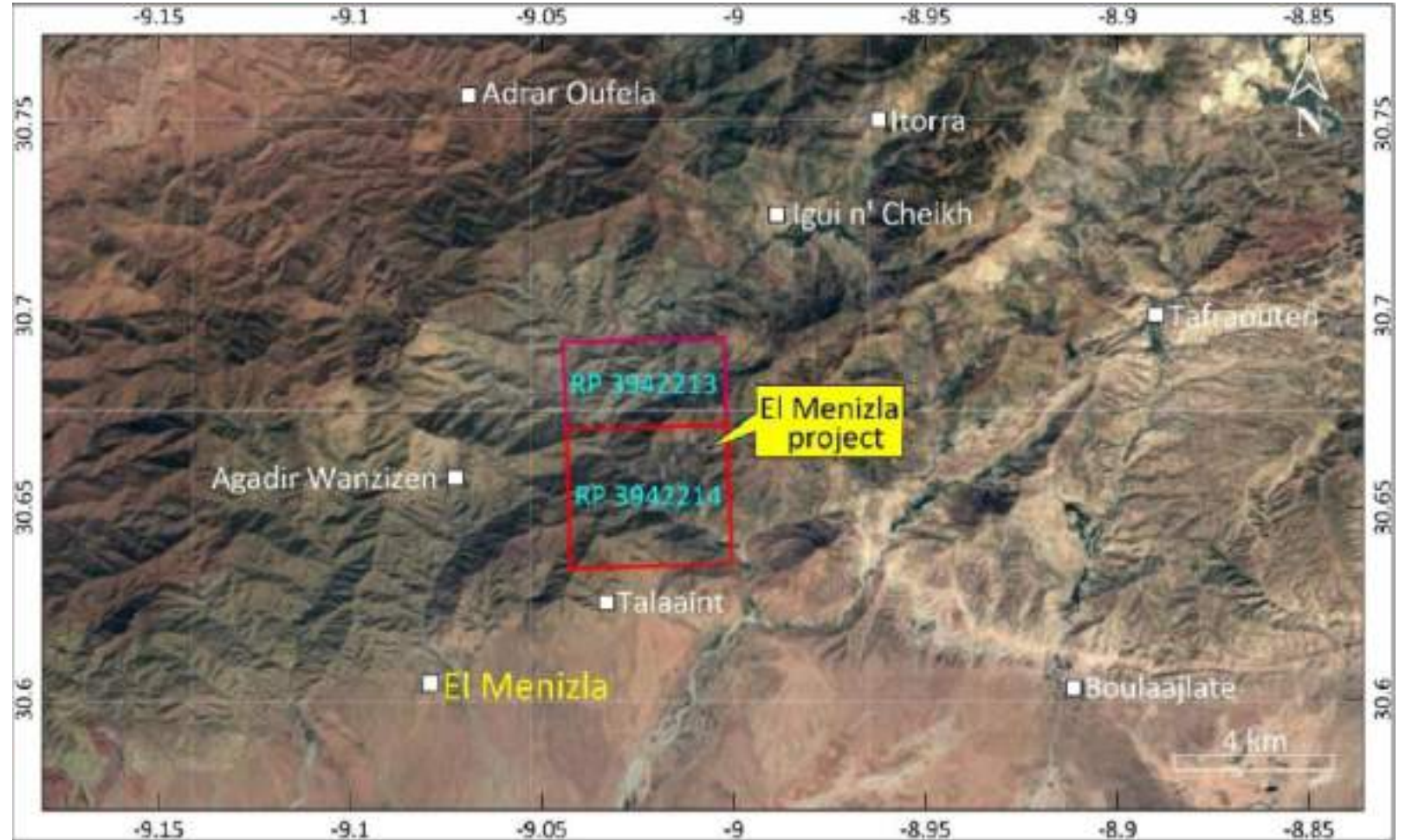
Target mineralization identified as veins-hosted & sediment hosted disseminated Cu.

Work Program till date

- Geological mapping
- Outcrop sampling
- Ground Mag
- IP survey

Work Program (Plan)

- Phase wise drilling work



Samta Morocco | Exploration Update (Agadir Area)

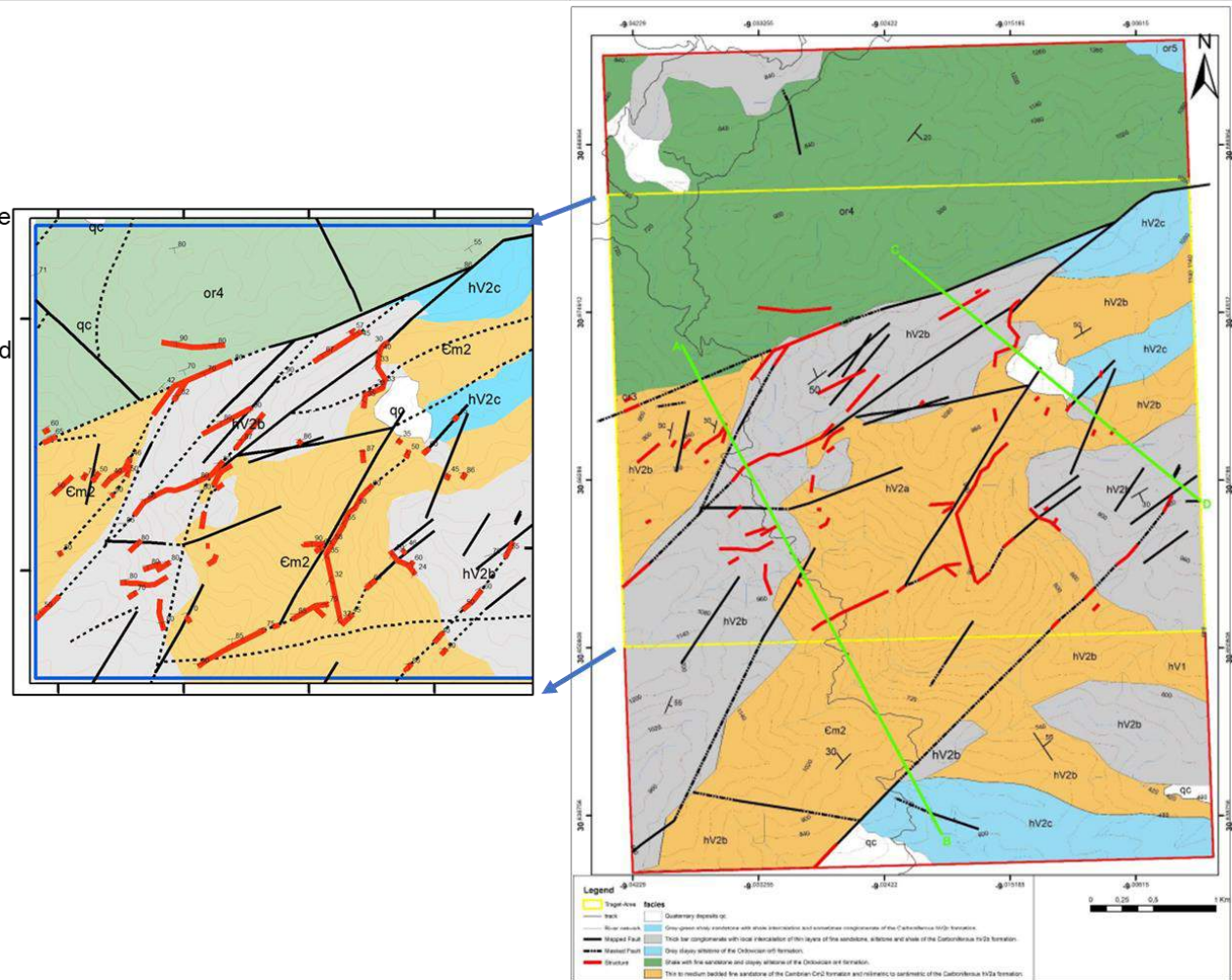
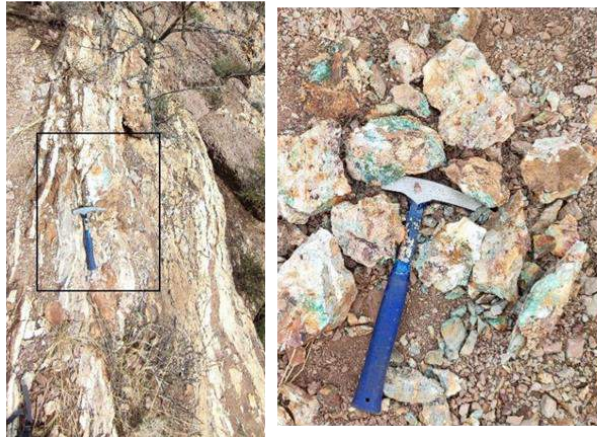
Geological and structural mapping

Three main lithological units identified as:

- Sandstone, shale with intercalation of pelite and conglomerates.
- Mineralization as quartz-carbonate vein hosted Malachite staining in conglomeratic grits and sandstone.

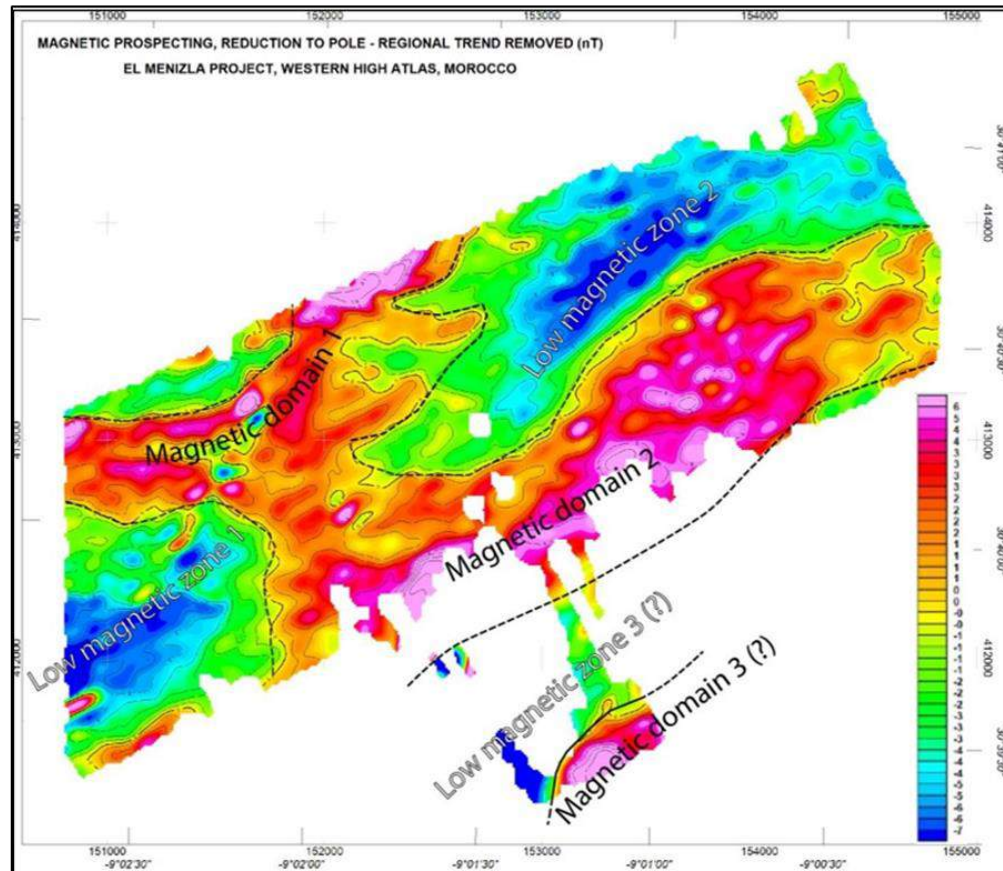
3 major structural trends identified:

- NE-SW faults (N40° to N70°):- dominant with mineralized quartz-carbonate infill veins.
- N-S faults -: subtle but displace mineralization.
- WNW-ESE faults -: Distinctive displacements on mineralization, controls drainage systems.

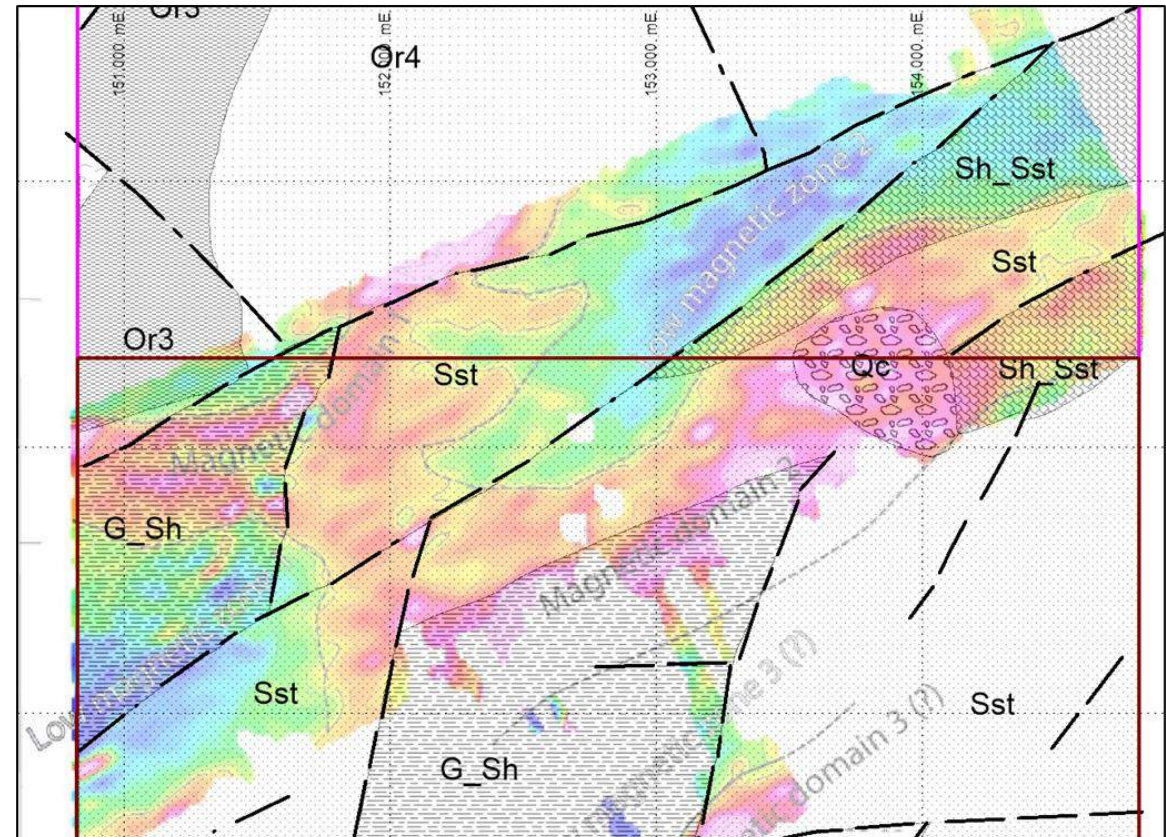


Samta Morocco | Exploration Update (Agadir Area)

Ground Mag Imagery



Ground Mag on Regional Geology



❖ RTP highs and lows do not delineate definitive lithological units.

Samta Morocco | Exploration Update (Agadir Area)

Prospectivity: Mapping/Outcrop Samples

Priority 1 Targets

Target A: 1.2km long structure with outcropping Cu-mineralization with up to 1.92% Cu over 2.5m hosted in schistes & Conglomerate.

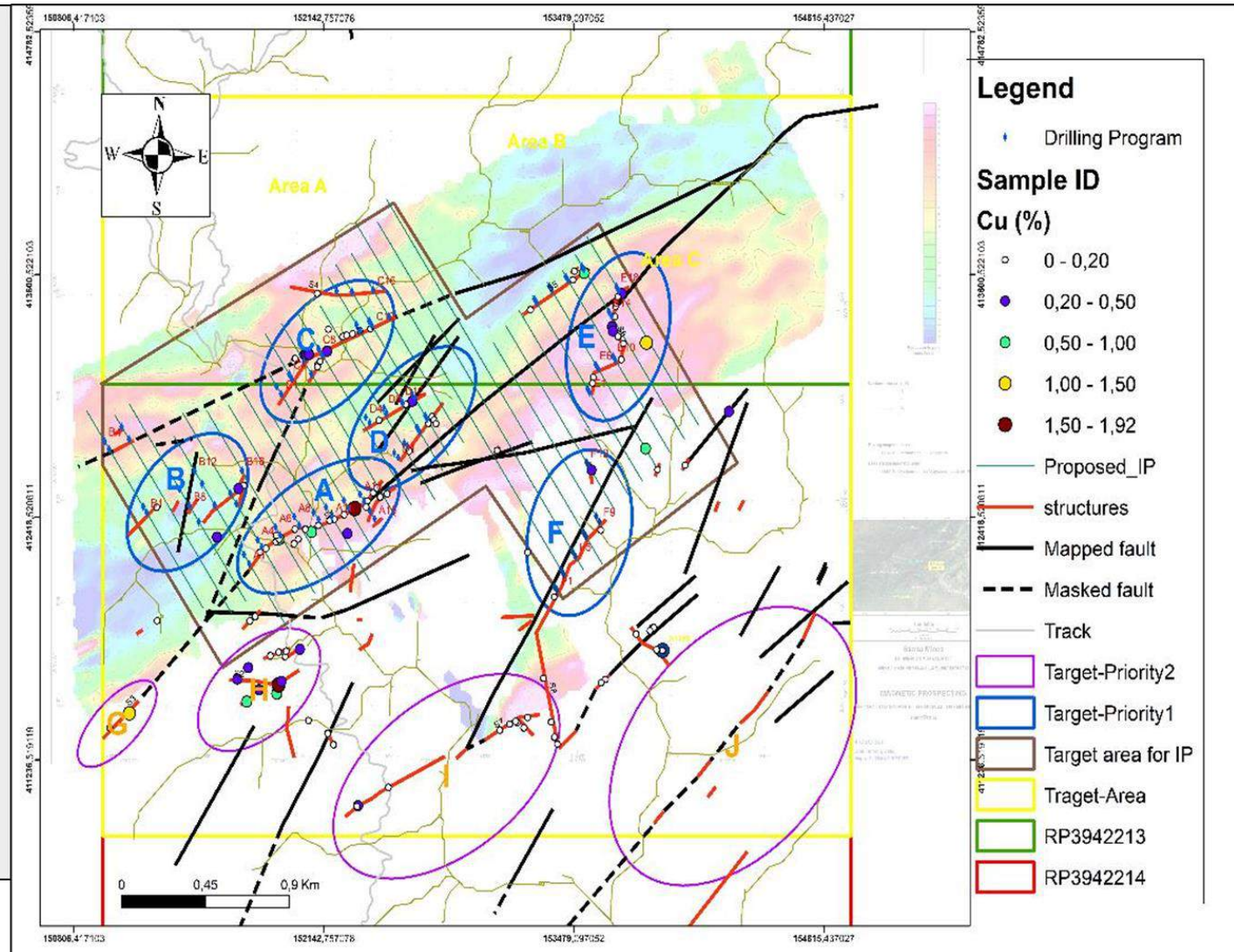
Target B: En-echelon array of mineralized structures along NE-SW corridor over 0.81km long strike. Cu-mineralization with up to 1.50% Cu over 2m hosted in dolomitic quartzite.

Target C: 0.9km long structure with outcropping Cu-mineralization with up to 1.5% Cu over 2.5m hosted in schistes & conglomerate.

Target D: 0.67km long structure with outcropping Cu-mineralization with up to 0.5% Cu over 2.5m hosted in schistes & conglomerate.

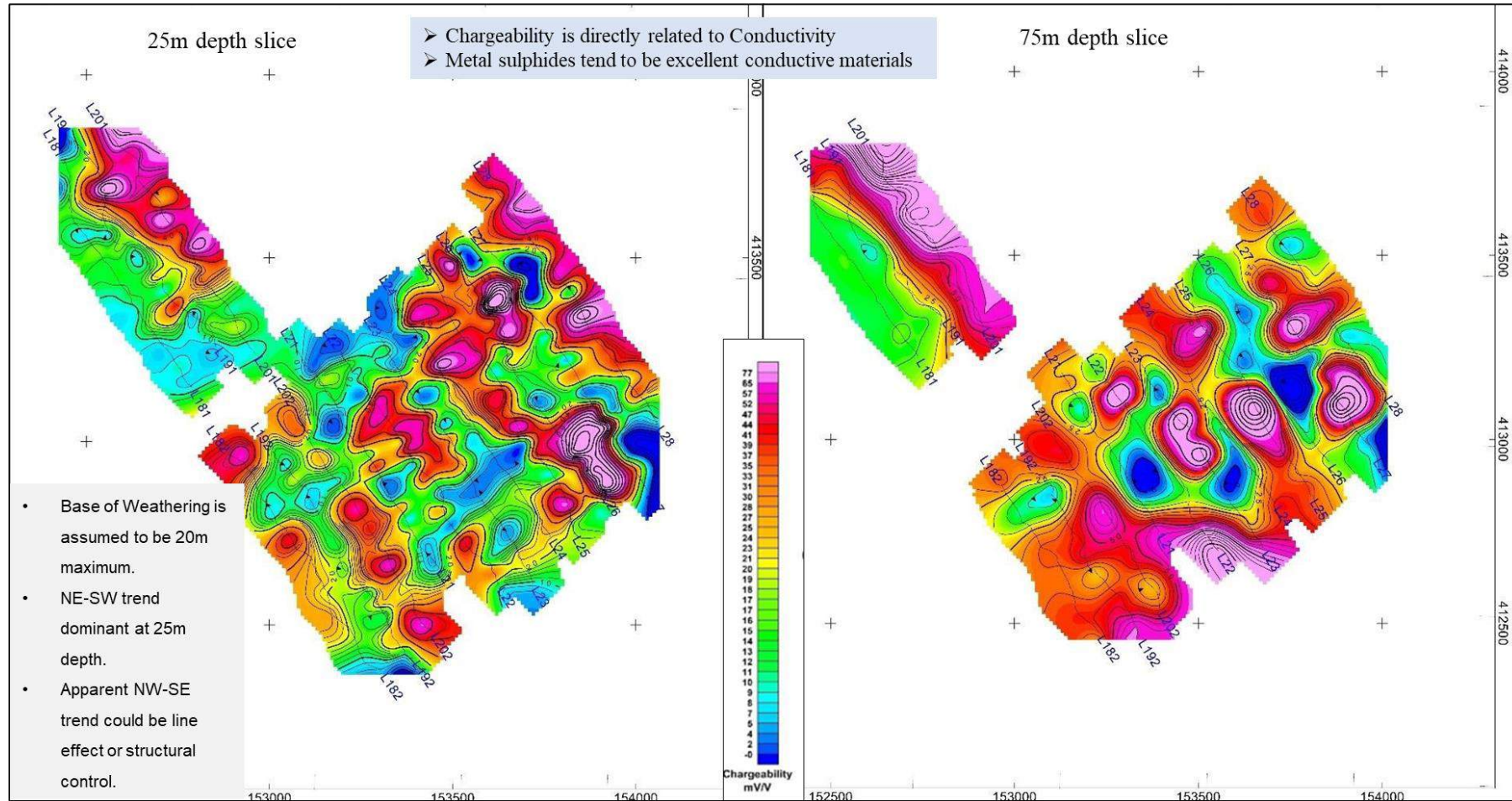
Target E: 0.96km long structure with outcropping Cu-mineralization with up to 1.5% Cu over 1.5m hosted in conglomerate & dolomitic quartzite.

Target F: 1.03km long structure with outcropping Cu-mineralization with up to 1% Cu over 2m hosted in Sandstone & dolomitic quartzite.



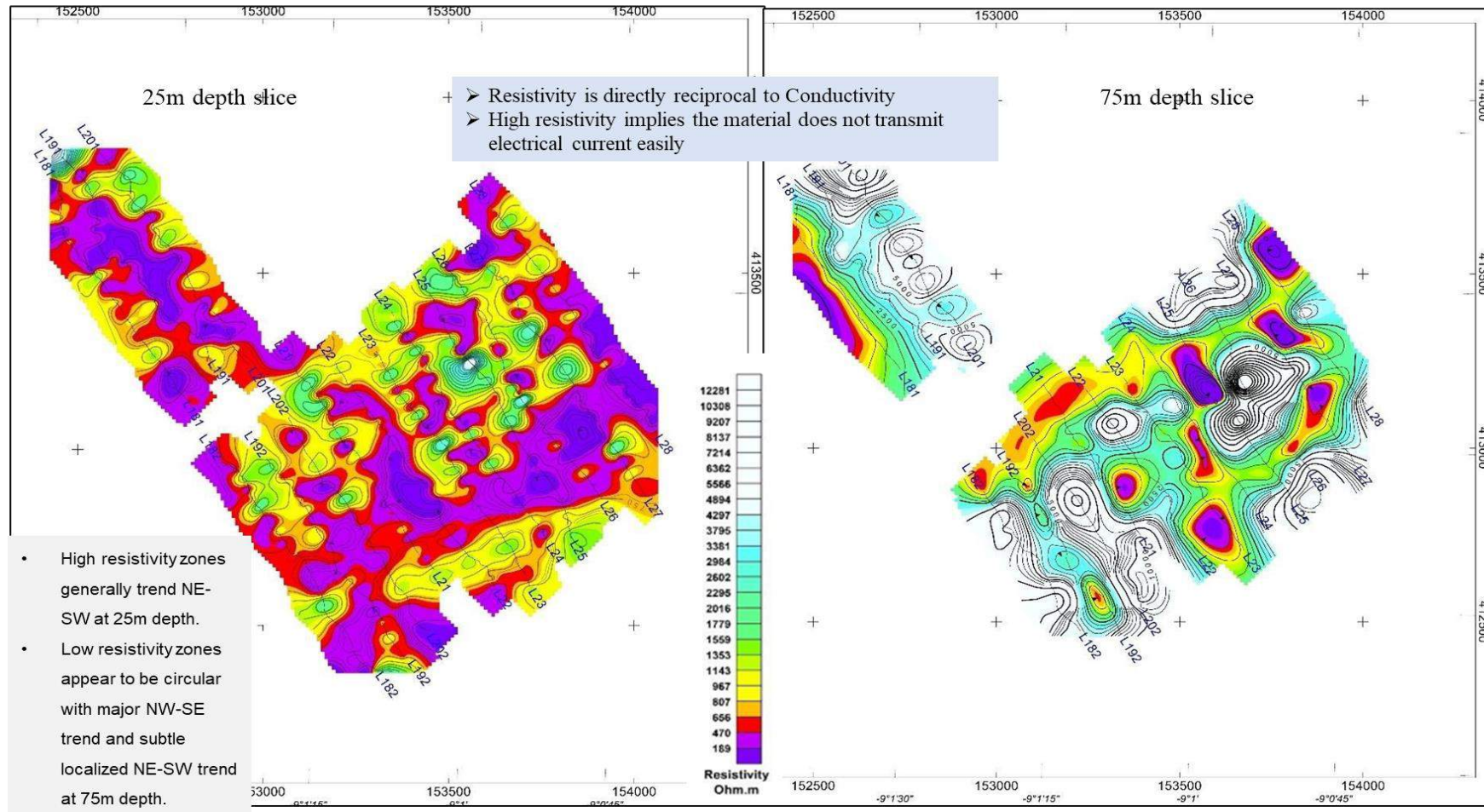
Samta Morocco | Exploration Update (Agadir Area)

RP 3942213 & RP 3942214: Ground IP Survey Results (Chargeability)



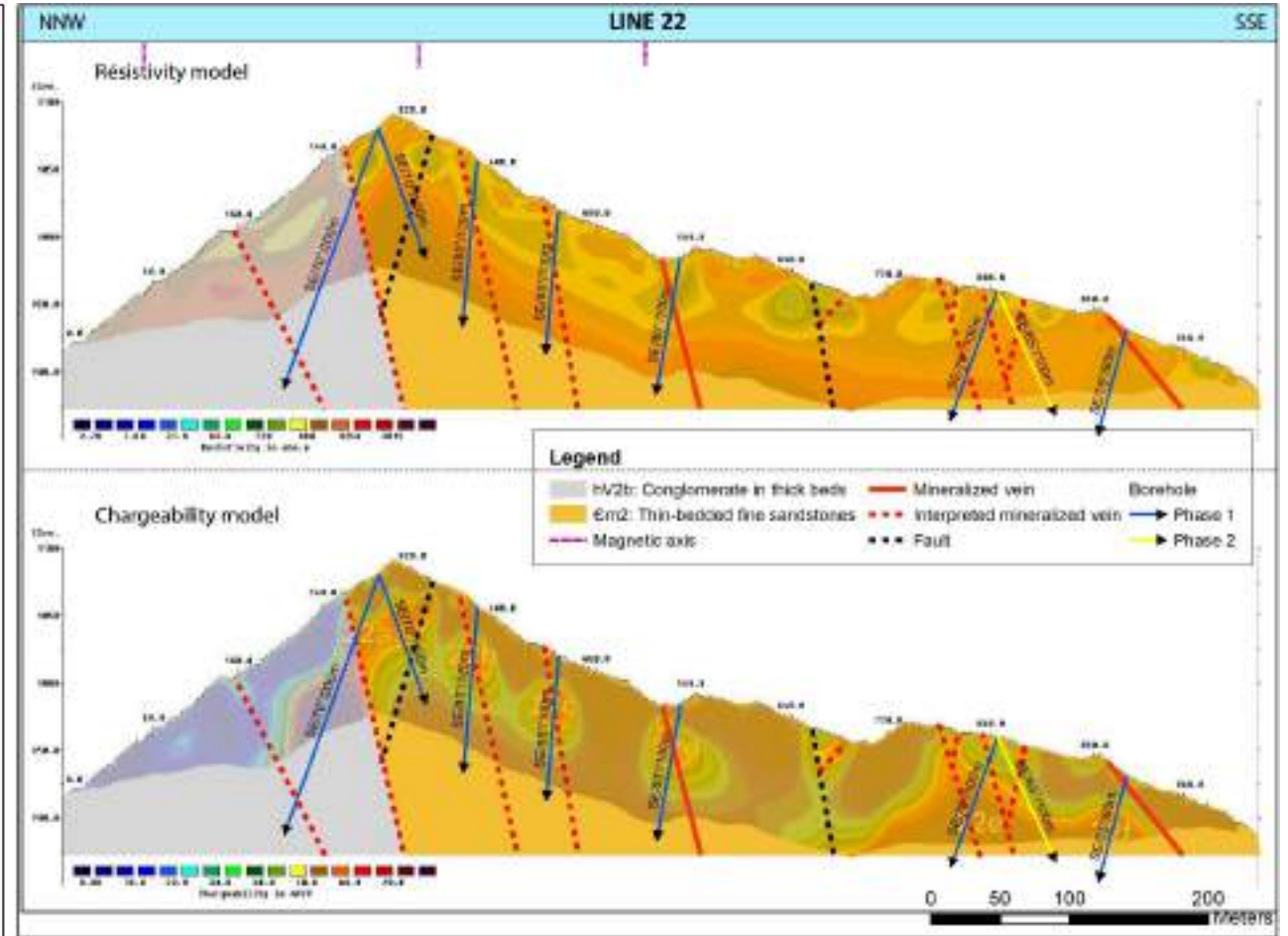
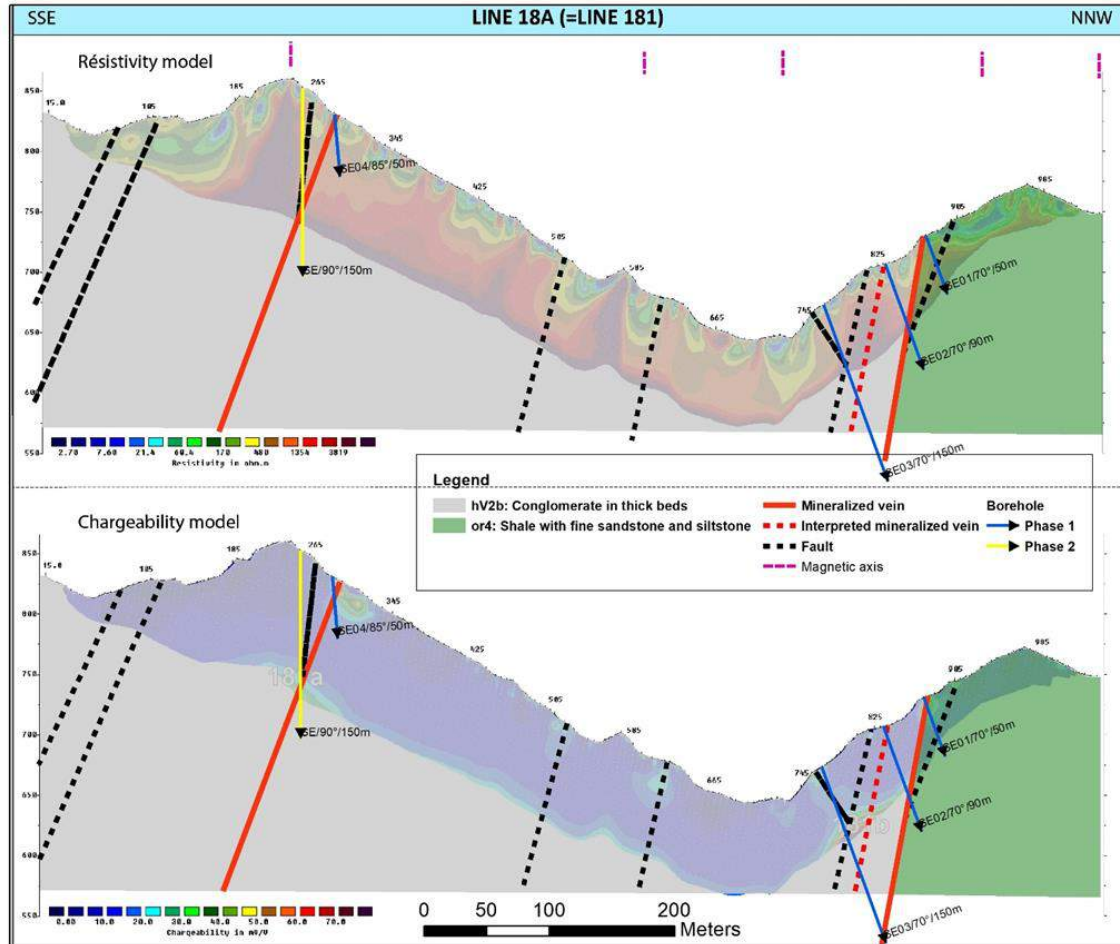
Samta Morocco | Exploration Update (Agadir Area)

RP 3942213 & RP 3942214: Ground IP Survey Results (Resistivity)



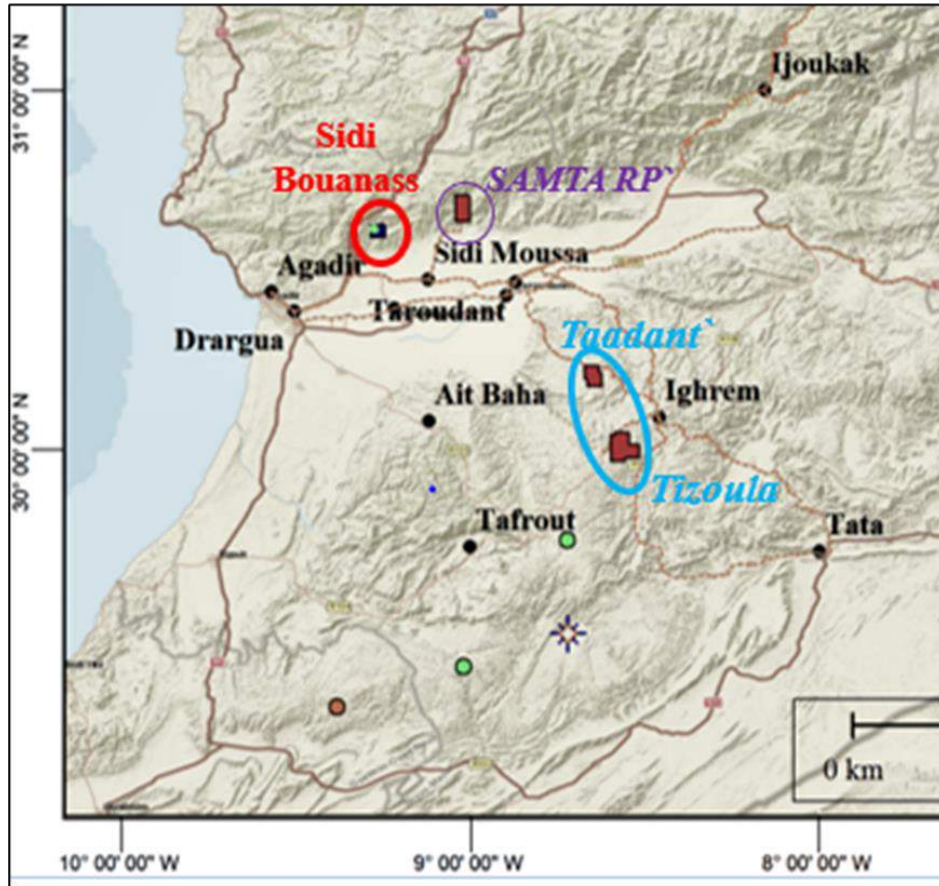
Samta Morocco | Future Exploration Plan (Agadir Region)

Illustrative X-Sections: Phase 1 Drill Planning



Samta Morocco | Exploration Update(Taadant & Tizoula)

➤ Target Commodities: Cu & Ag



Samta Overall Objectives:

1. Interpretation of old ONHYM sampling, geophysical & drilling data sets
2. Generate prospective targets and conduct follow-up assessment exploration programs
3. Select priority RPs for a definitive JV agreement
4. Progress to detailed Resource definition exploration
5. Mine development assuming positive feasibility studies.

Taadant - Work done to date:

- 1 EL / 1RP with total area coverage of 26,12 sq km
- Verification of structural controls of ore mineralization in various geological units.
- Close spaced mapping and samplings in partially explored areas (6.04 Sq. Km) &
- Re-logging of 2980m core drilling for modeling work.

Tizoula - Work done to date:

- 3 RPs with total area coverage of 39,59 sq km
- Verification of structural controls of ore mineralisation in various geological units.
- Close spaced mapping and samplings in partially explored areas (6.19 Sq. Km)
- Reconnaissance mapping and sampling in previously unexplored area of 7.60 Sq. Km in concession RP 3941988
- Re-logging of 300m core drilling to verify the mineralised litho units.

Samta Morocco | Exploration Update (Taadant)

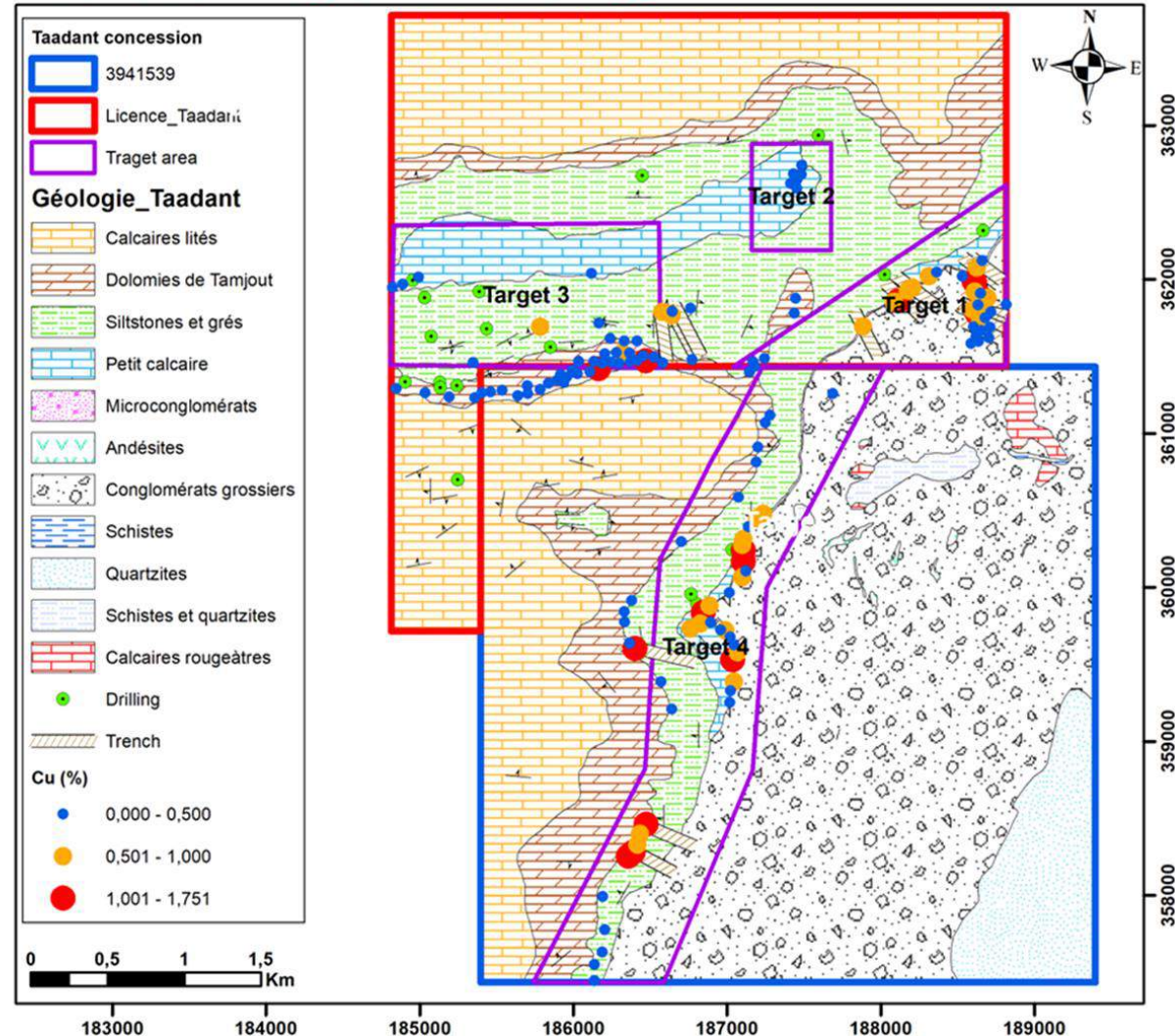
TAADANT EL393514 & RP394539: Regional Geology

Main lithological units identified as:

- Dolomitic to calcareous limestone interbedded with and/or overlying meta-sedimentary sequences of conglomerate, sandstone, pelitic shale & siltstone and basement schist, quartzites and andesites.
- Outcropping mineralization as pervasive malachite staining in sandstone and conglomeratic grits.

Major structural trends identified:

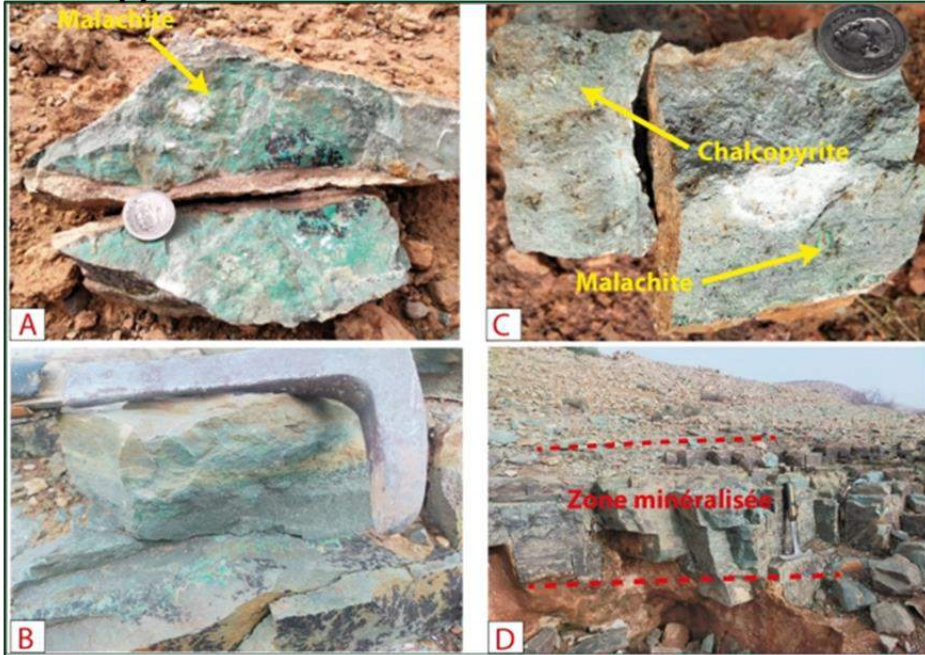
- Apparent NE-SW dominant structural grain parallel to bedding (fold axis) with mineralization controlled by the bedding units.



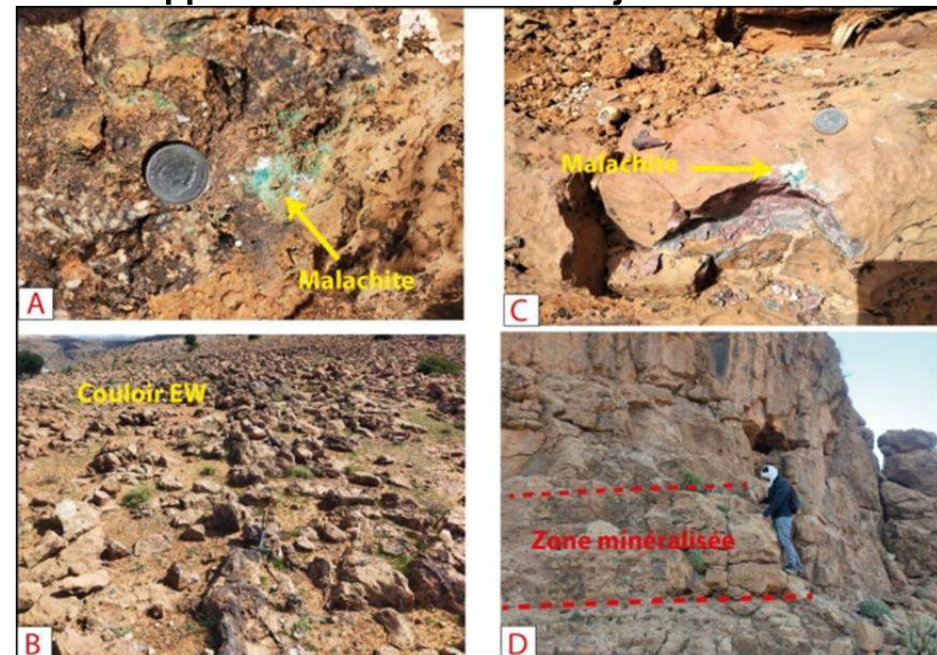
Samta Morocco | Exploration Update (Taadant)

Styles of Mineralization: Taadant Licenses

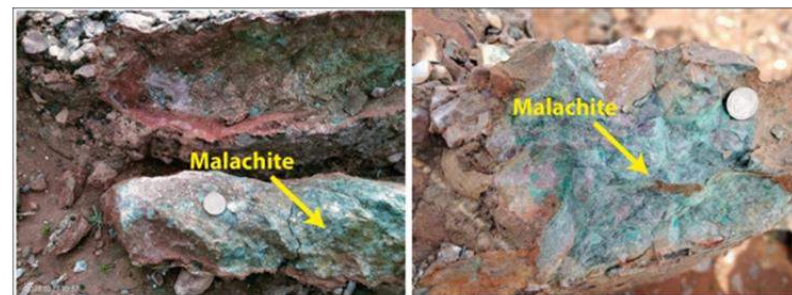
Copper mineralisation in sandstone-siltstone



Copper mineralisation in Tamjout Dolomite

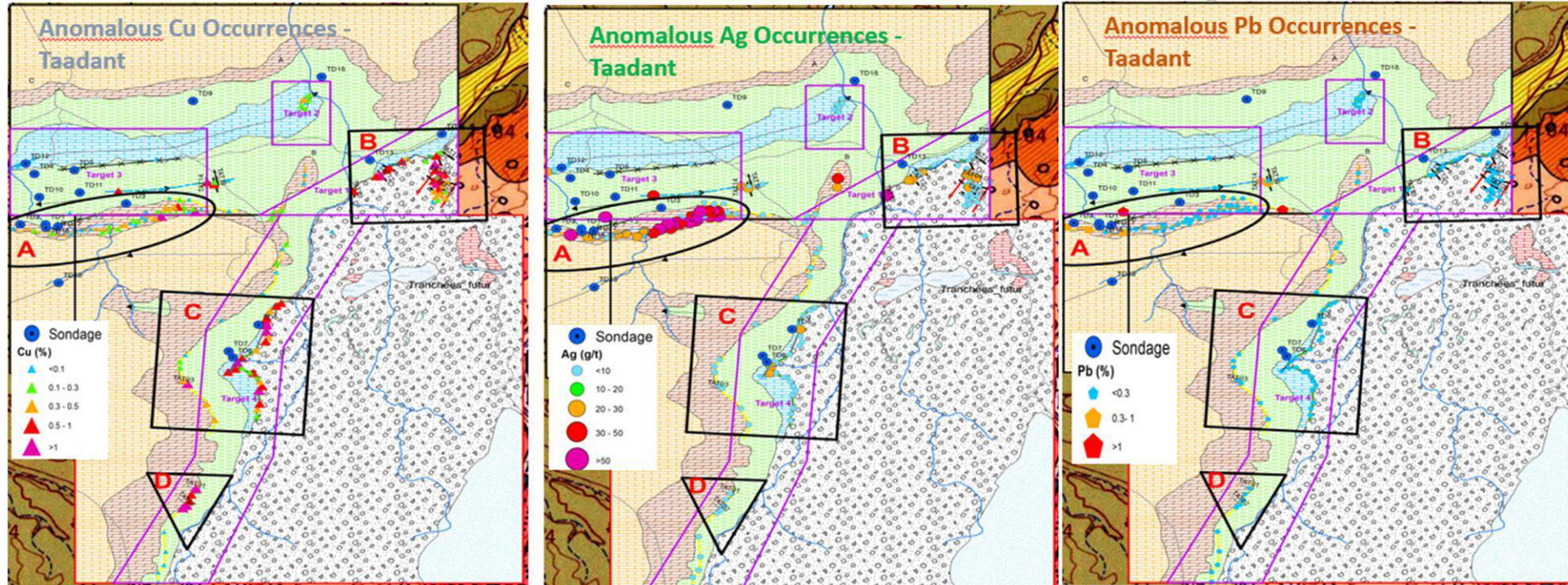


Copper mineralisation in conglomerate



Samta Morocco | Exploration Update (Taadant)

TAADANT EL393514 & RP394539: Work Results Summary



- ❖ Target 3 **Prospect A: 1960 m long** E-W trend, Ag main commodity with Cu and Pb as main by-products.
- ❖ Target 1 **Prospect B: 2 NE-SW trending zones**. Western zone is **750m long**, Eastern Zone: **350m long** exposure of a portion of 200m thick grit package. Cu as main commodity with Ag/Pb as by-products.
- ❖ Target 4 **Prospect C: 2 contact related zones** trending NW-SE and NE-SW. Western zone is **1500m long**, Eastern Zone: **800m long**. Cu as main commodity with Ag/Pb as by-products.
- ❖ Target 4 **Prospect D: NE-SW trending zone**. Contact related mineralization along **396m strike length**. Cu as main commodity with Ag/Pb as by-products.

Samta Morocco | Exploration plan (Taadant Area)

Phases 1a & 1b Activity Q2 & Q3 2024)

Scout Drilling

- ❖ Phase 1a: 2,000 drilling & Sampling
- ❖ Phase 1b: 1,100 drilling & Sampling



Samta Morocco | Exploration Update (Tizoula Area)

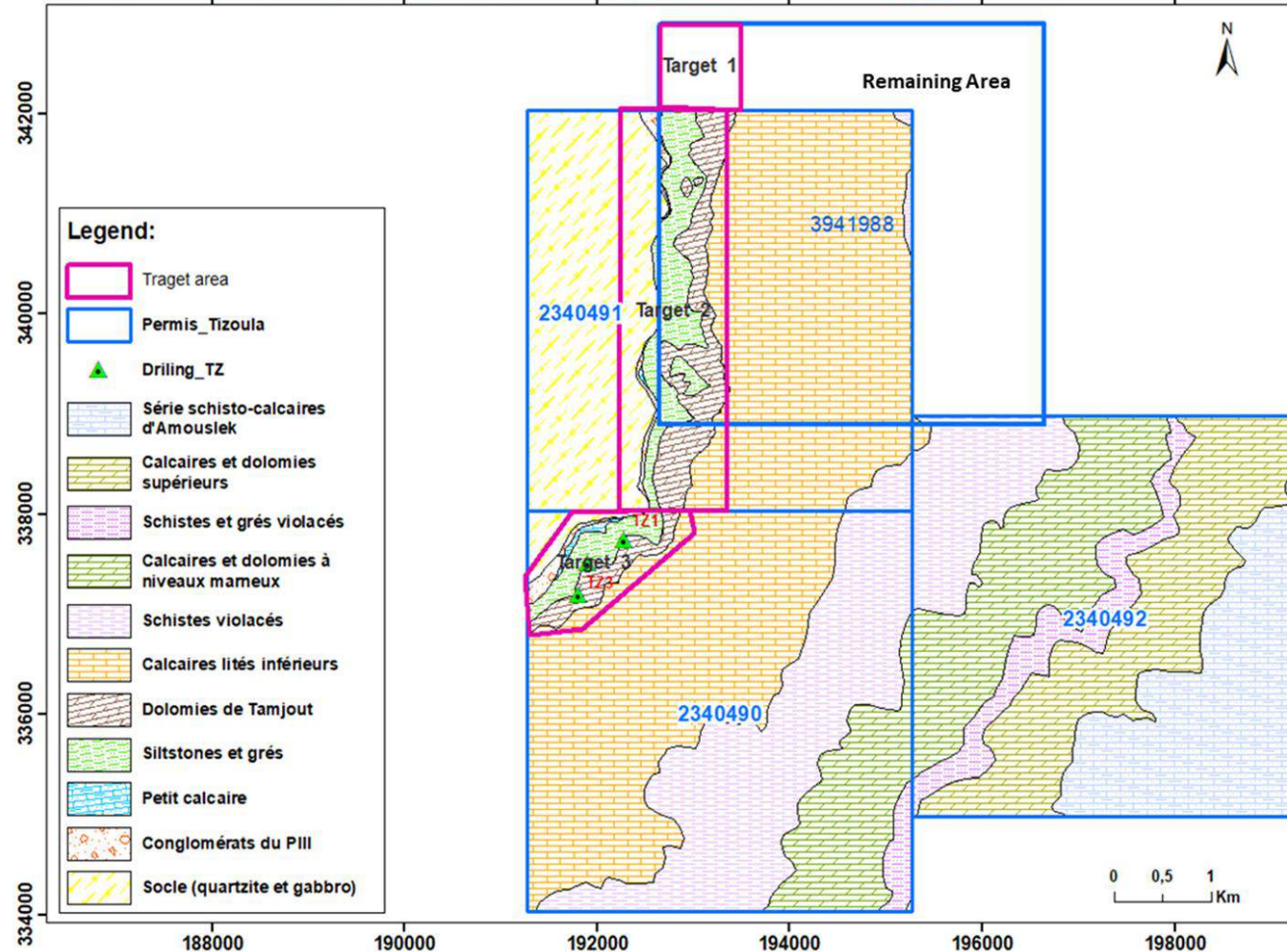
TIZOULA RP3941988 & EIs 2340490/91/92: Regional Geology

Main lithological units identified as:

- Dolomitic to calcareous limestone interbedded with and/or overlying meta-sedimentary sequences of conglomerate, sandstone, pelitic shale & siltstone and basement schist, quartzites and andesitic gabbro.
- Outcropping mineralization as pervasive malachite staining in sandstone and conglomeratic grits.

Major structural trends identified:

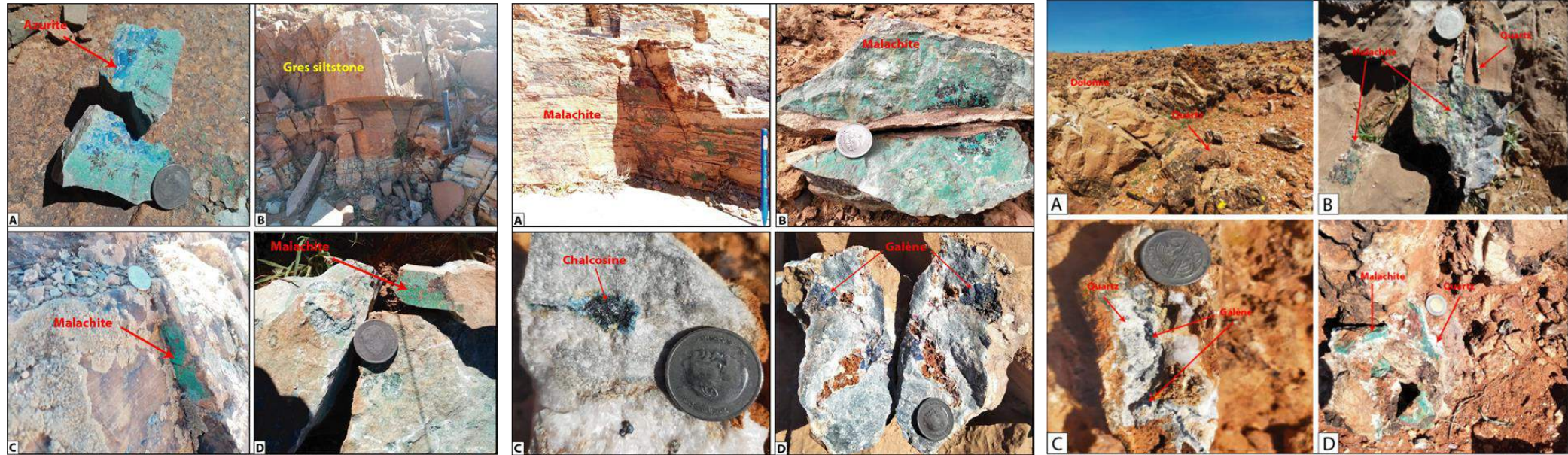
- Apparent N-S to NNE-SSW dominant structural grain parallel to bedding with mineralization controlled by the bedding units.
- Meter-scale NW-SE faults displace the bedding and mineralization



Samta Morocco | Exploration Update (Tizoula Area)

Typical Mineralisation styles-Tizoula

TARGET-1



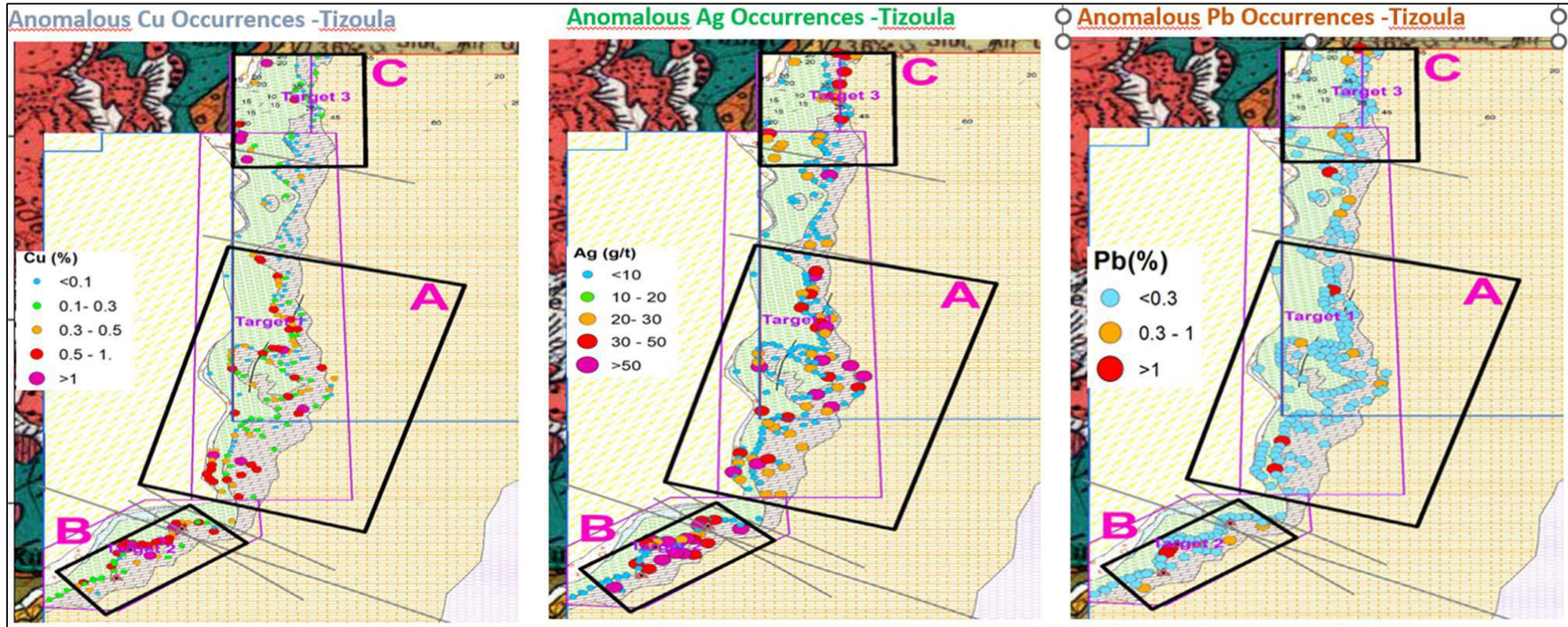
Malachite and pyrite mineralization in siltstone

Malachite and galena mineralization in the base of Tamjout dolomites

Malachite and galena mineralization in the top of Tamjout dolomites

Samta Morocco | Exploration Update (Tizoula Area)

TIZOULA RP3941988 & EIs 2340490/91/92: Work Results Summary



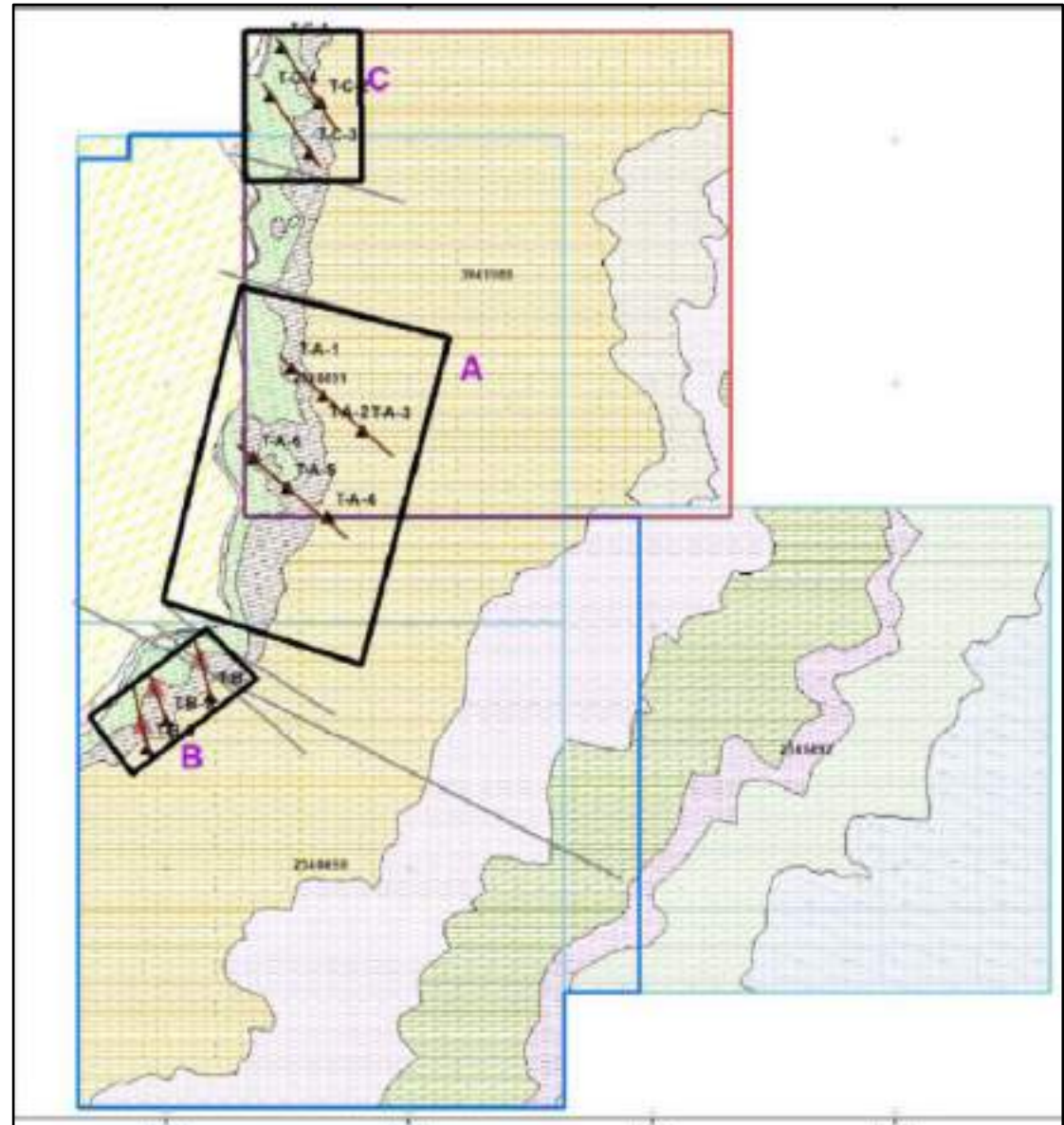
- ❖ Target 1 **Prospect A: 4 km long** N-S trending zone, Cu and Ag main commodity with Pb as main by-products.
- ❖ Target 2 **Prospect B: 1,2 km long** NE trend, Cu and Ag main commodity with Pb as main by-products.
- ❖ Target 3 **Prospect C: 0,85 km long** N-S trending zone, Ag main commodity with Cu and Pb as main by-products.

Samta Morocco | Exploration Plan (Tizoula)

Phases 1a & 1b Activity Q2 & Q3 2024)

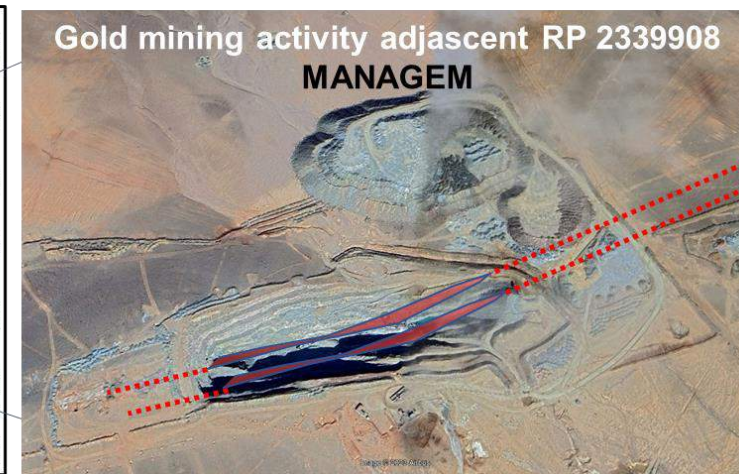
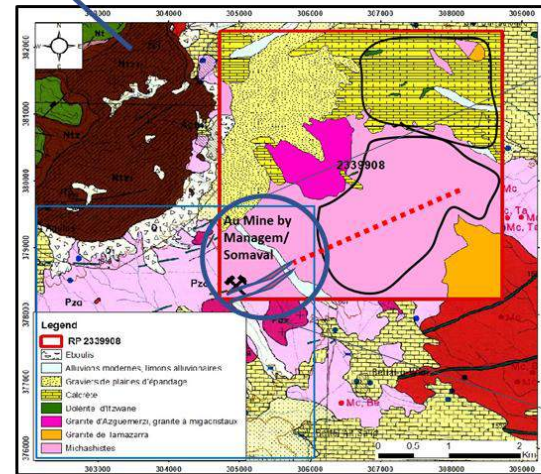
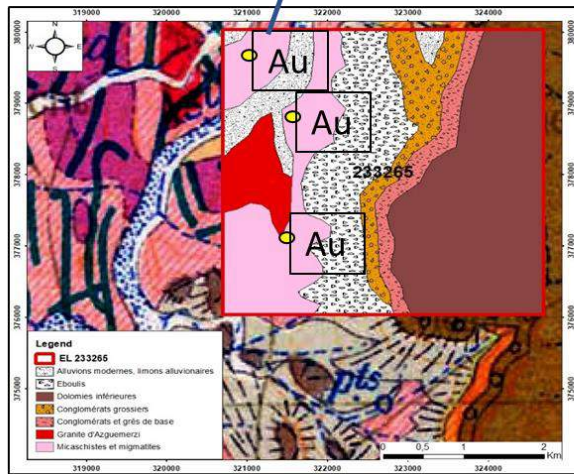
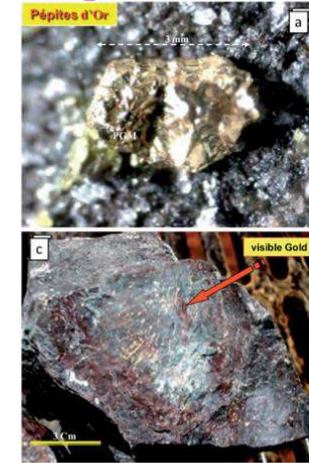
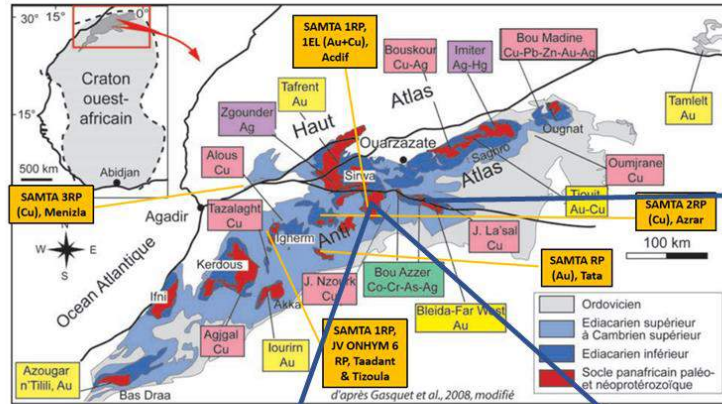
Scout Drilling

- ❖ Phase 1a: 2,000 drilling & Sampling
- ❖ Phase 1b: 1,020 drilling & Sampling



Samta Morocco | Exploration Plan (Errachaida)

EL 233265 RP 2339908 (Errachaida/Acdif-Au): Potential/Prospectivity



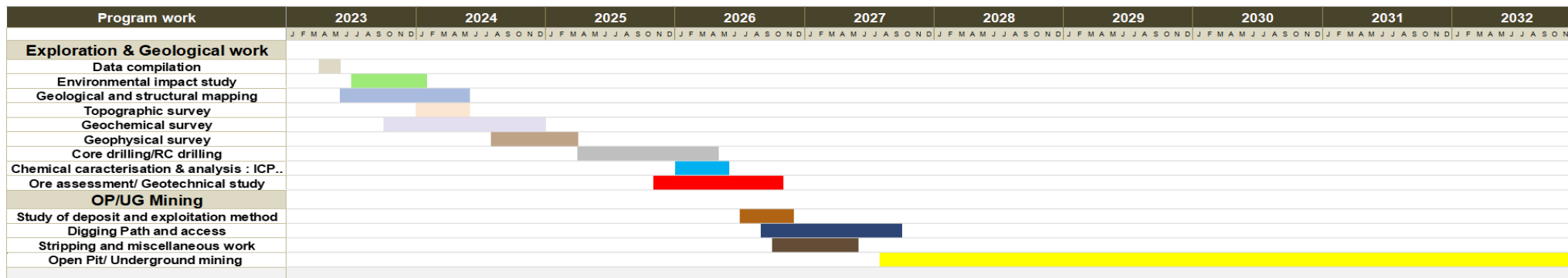
Samta Morocco | Exploration Plan (Errachaida)

EL 233265 RP 2339908 (Errachidia/Acdif-Au): Work Plan

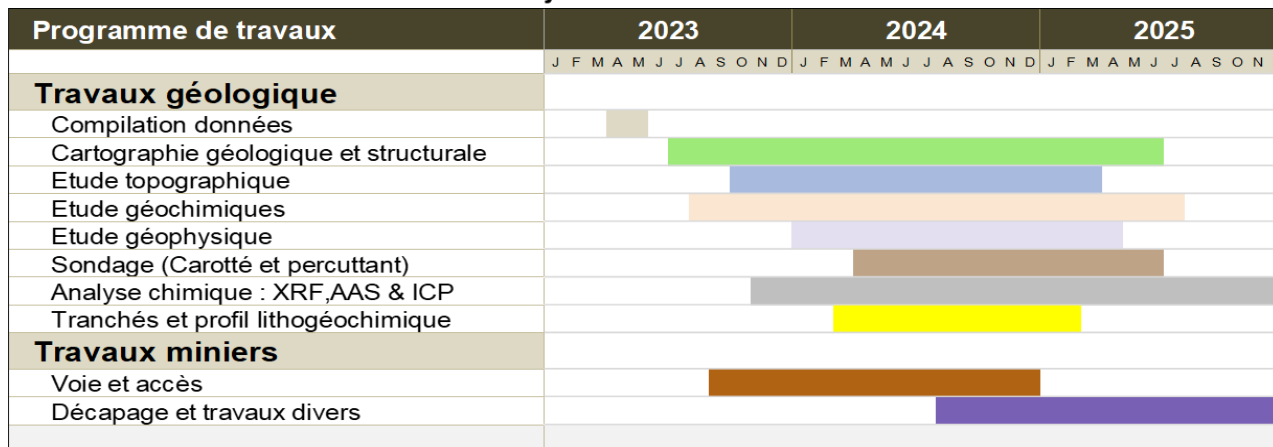
ACDIF Project, EL 233265
Date of grant of mining title : 09/05/2023

Exploration Project Schedule

SAMTA MOROCCO S.A.
samta mines



ACDIF Project RP 2339908



Note :

- ❖ Programs based on high level projections submitted as part of license application.
- ❖ Subject to review and refinement once actual groundwork commences

Contact Us

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