

HannoRESOURCES

GOLD AND PLATINUM EXPLORATION ON THE REGUIBAT SHIELD

MAURITANIDES 2014

SESSION 7





View looking southeast along Oum al Guen, Riche, Western Sahara

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Note: All dollar amounts are US dollar unless otherwise stated



Anorthosite with disseminated sulphide mineralisation, Western Sahara

COMPANY OVERVIEW

- Founders of Hanno have been involved in Western Sahara natural resources for over 15 years
- Exclusive 4 year Technical Cooperation Agreement to assess the mineral prospectivity of Western Sahara signed with the Government in March 2007
- Agreement covered an evaluation of the whole country and reconnaissance of the Liberated Territories
- Hanno has geologically mapped the Liberated Territories of Western Sahara at 1:200,000; best known historic mapping at 1:1,000,000
- Extensive satellite imagery based remote sensing work
- TCA completed and presented in July 2011 earning right to licence up to 20,000km² of ground in 10 licences of 2,000km²



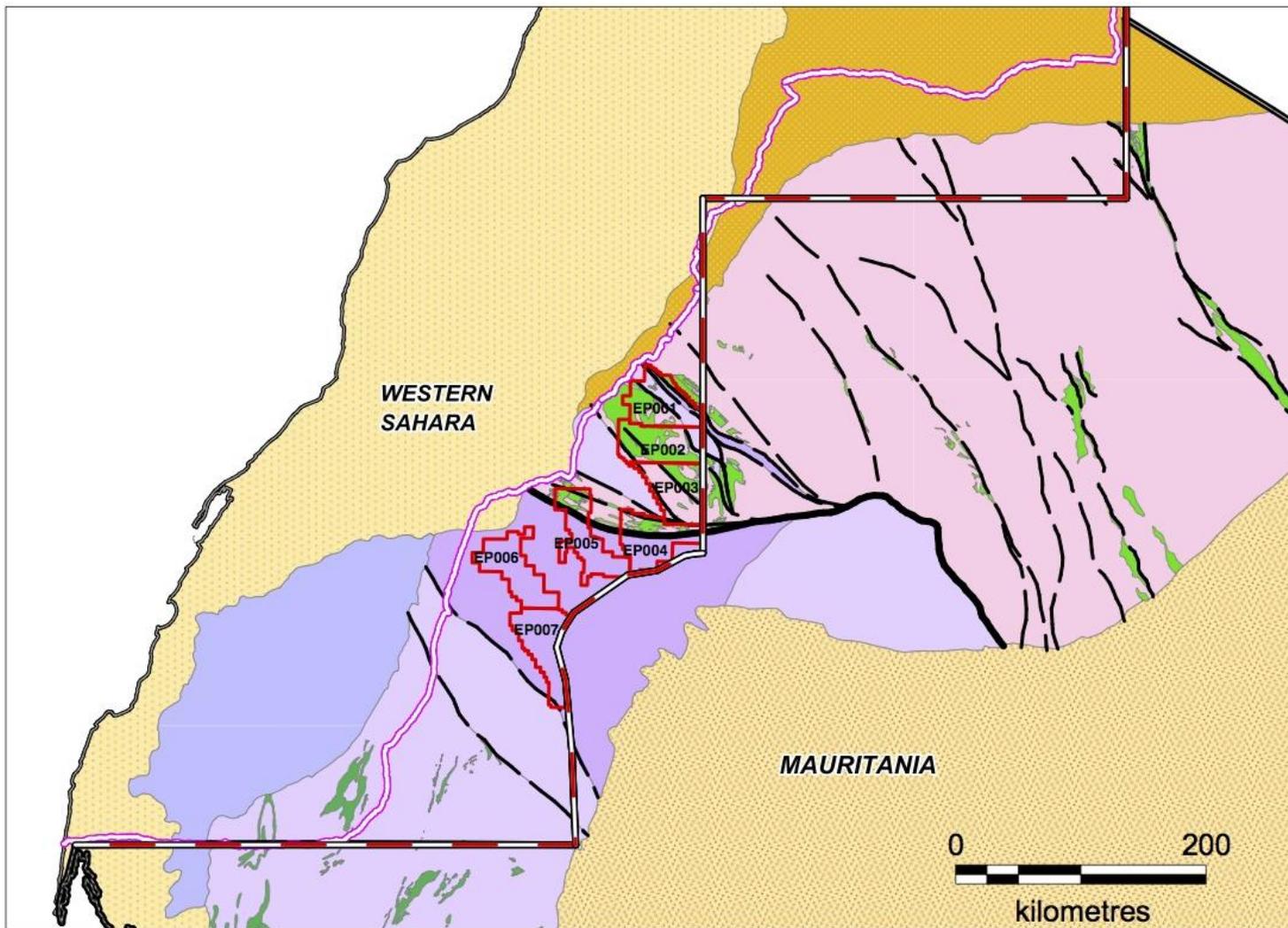
Mijek Fort, Western Sahara

WESTERN SAHARA MINING LAW

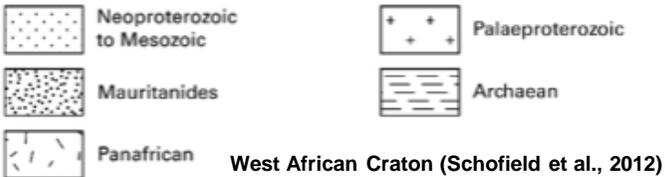
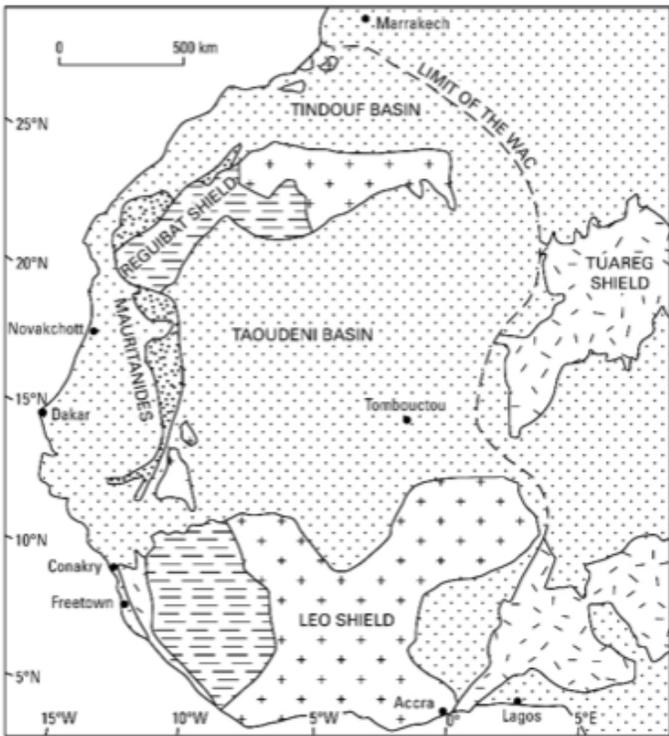
- Government committed to responsible stewardship of natural resources and providing attractive and stable fiscal and legislative framework for mining investment
- Recently established the Saharawi Arab Democratic Republic Petroleum and Mining Authority (SADRPMA)
- New Mining Law was adopted by Parliament in May 2014
- Exploration Permit allows exclusive prospecting for all minerals
- Valid for 3 years, renewable twice each for further 3 years
- Permit area up to 2,000km²
- Mining Permit valid of 30 years, renewable twice each for further 10 years
- Royalty 3% on all minerals, corporate tax rate 25%
- Available at Stand 22B for further information

PERMIT AREAS

- Hanno has 7 permit areas totalling 13,989km²



Legend					
	Coastal Basin		Paleoproterozoic Greenstone Belts		Major Shears
	Taodeni Basin		Paleoproterozoic		Archean-Paleoproterozoic Boundary
	Tindouf Basin		Archean Greenstone Belts		Hanno Resources
	Mauritanides Thrust Belt		Archean		Country Border
			Tiris Iron Ore Province		Berm

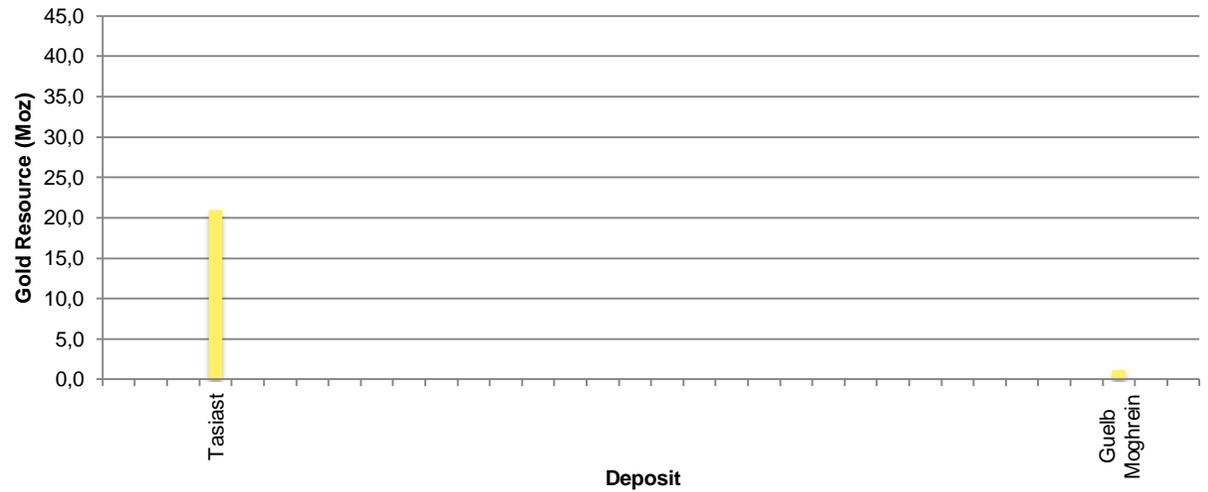


West African Craton (Schofield et al., 2012)

Country	No.	No. >1Moz	Resources (Moz)
Burkina Faso	11	5	19.8
Cote d'Ivoire	7	1	3.6
Ghana	10	2	7.5
Liberia	1	1	3.8
Mali	9	-	4.5
Senegal	4	2	7.5
Sierra Leone	1	1	2.5

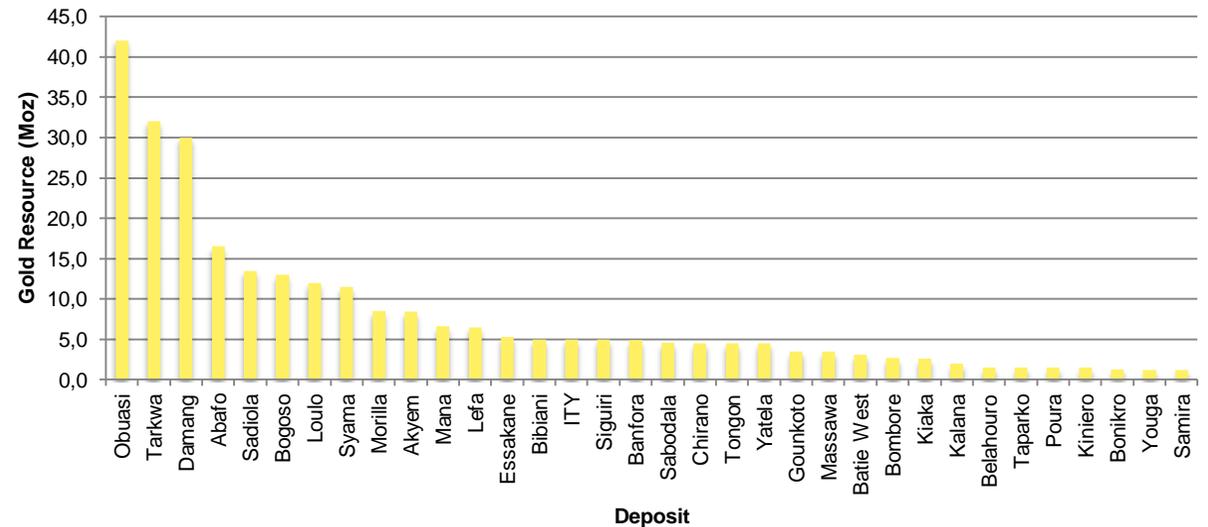
Table showing West African gold deposits found since 2001

Reguibat Shield (Northern West African Craton)



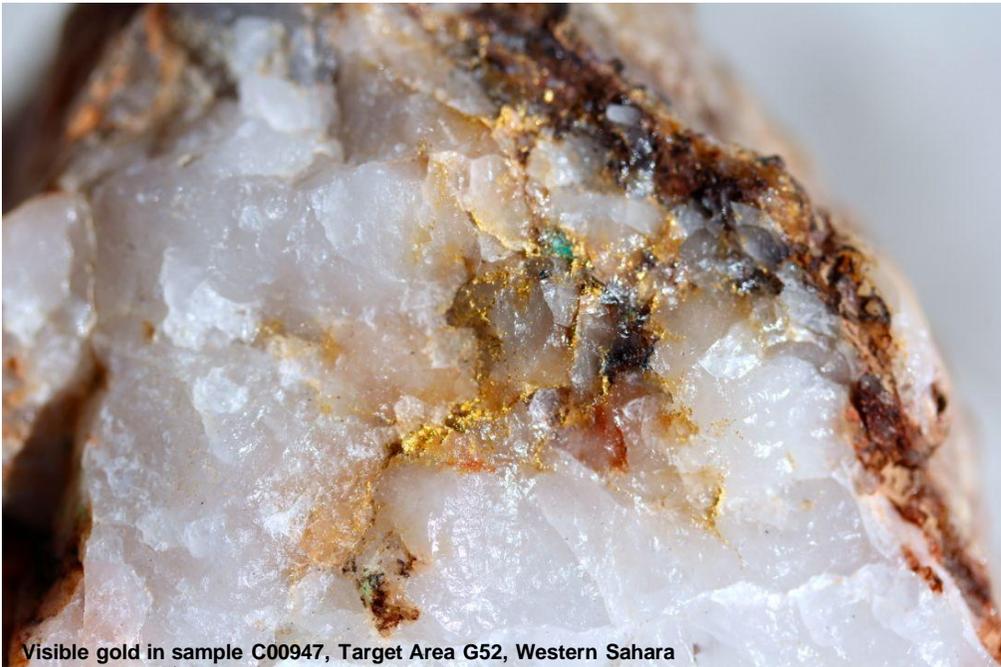
The Reguibat Shield forms the northern half of the West African Craton and is significantly underexplored for gold in comparison to the southern Leo Shield...

Leo Shield (Southern West African Craton)



REGUIBAT SHIELD GOLD PROSPECTIVITY ISSUES = OPPORTUNITY

- The Reguibat Shield is highly prospective for gold and base metal exploration
- Visible gold can be found in outcropping quartz veins...
- Geochemical soil sampling is more difficult due to lack of laterite formation and signal dispersion
- Leaching of mineralisation in arid-semi-arid environment
- Hanno has spent over 5 years on grassroots exploration in the area gaining knowledge and understanding of the geology as well as operational and logistical experience
- Completed extensive geological mapping and satellite imagery- based remote sensing target generation of the region
- Grassroots has been completed, now building on what we've learnt



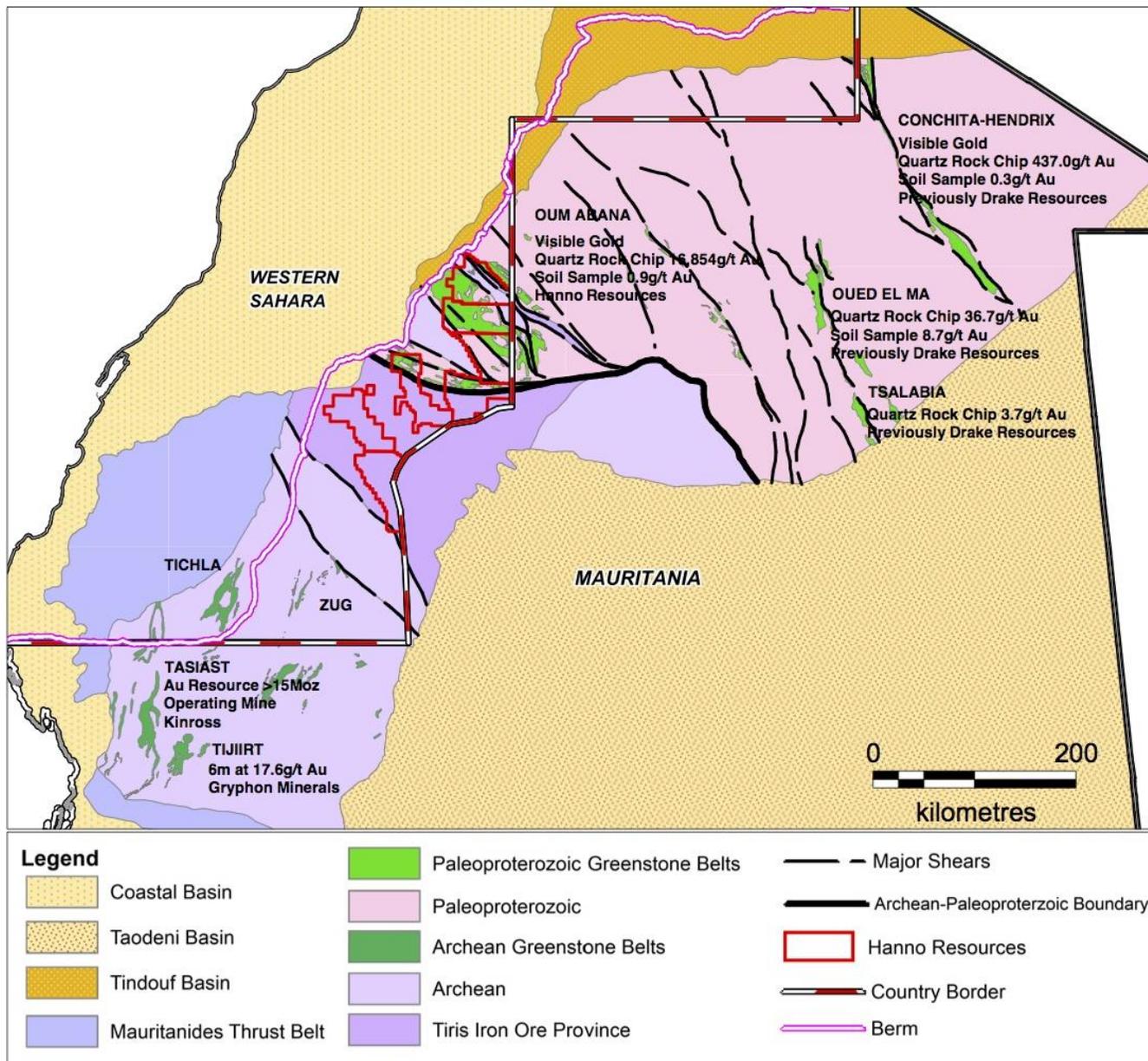
Visible gold in sample C00947, Target Area G52, Western Sahara

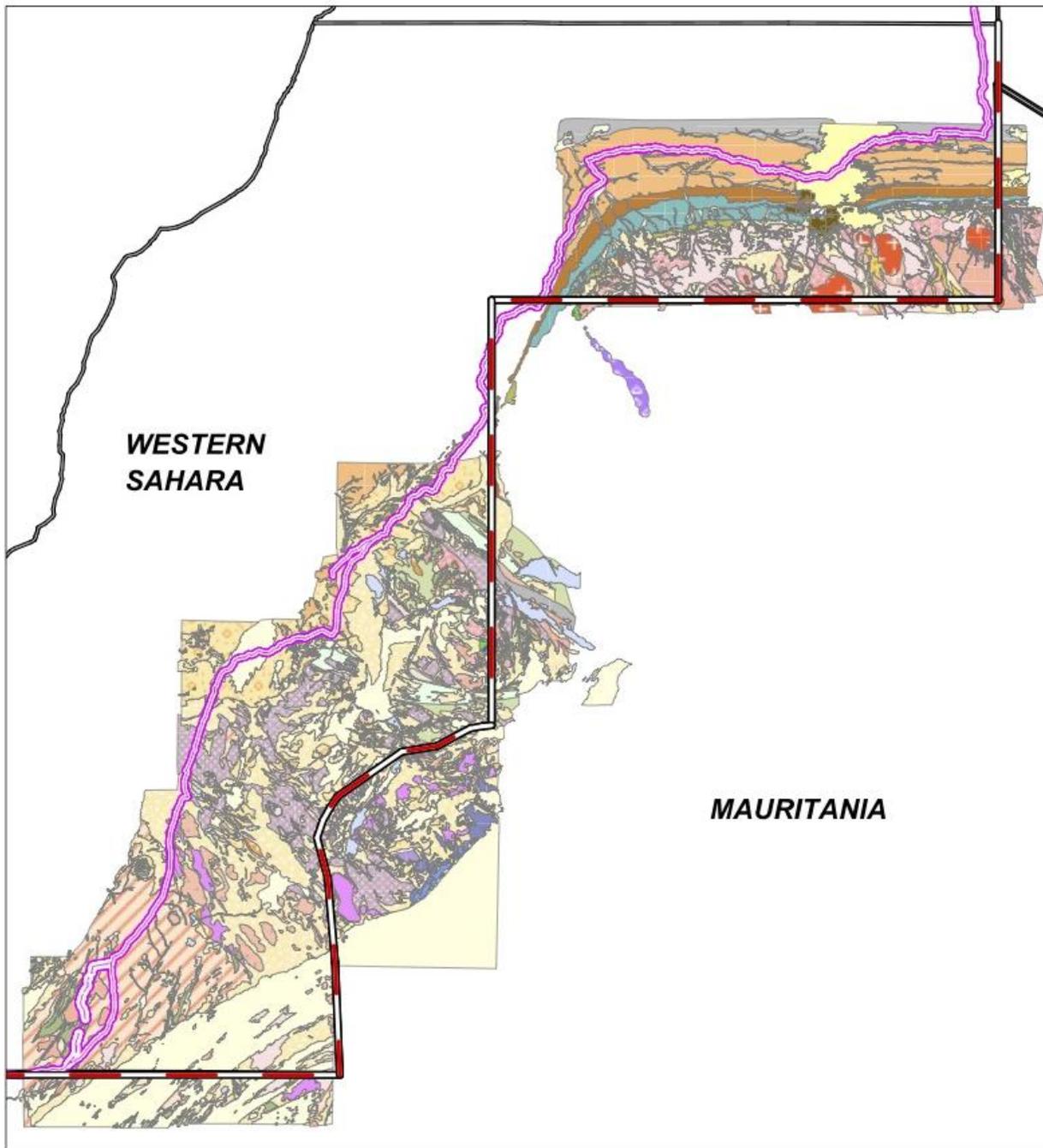


Visible gold in sample C00677, Conchita North, Western Sahara

REGUIBAT GREENSTONE BELTS

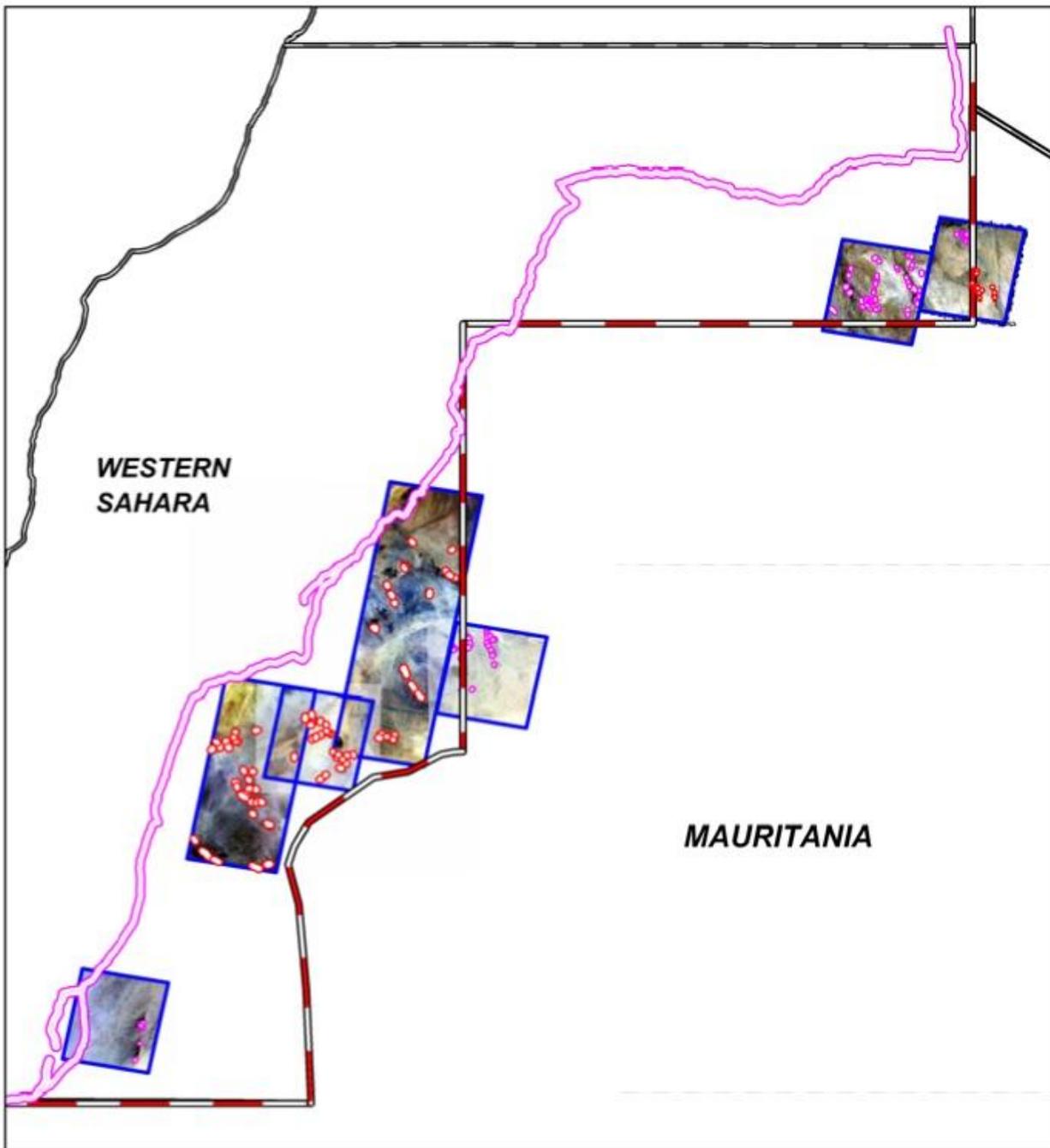
- Reguibat Shield is divided into southwest Archean and northeast Proterozoic portions, the boundary is poorly known but has been mapped by Hanno in Western Sahara (Combs et al., unpublished)
- Mauritanian Archean greenstone belts host the >15Moz Tasiast mine
- Hanno has mapped 2 Archean greenstone belts in Western Sahara
- Paleoproterozoic greenstone belts in Mauritania are underexplored in comparison to the Archean belts
- 3 Mauritanian Paleoproterozoic belts were previously explored by Drake Resources
- Hanno has identified and mapped the Oum Abana Greenstone Belt in Western Sahara, the largest Paleoproterozoic terrane on the Reguibat Shield





GEOLOGICAL MAPPING

- Liberated Territories of Western Sahara are geologically unexplored with modern techniques
- Hanno has mapped the Liberated Territories at 1:200,000 scale, best known historic mapping at 1:1,000,000
- Mapping based on Landsat interpretation combined with extensive ground-truthing
- Map sheets available for sale from SADR Petroleum and Mining Authority

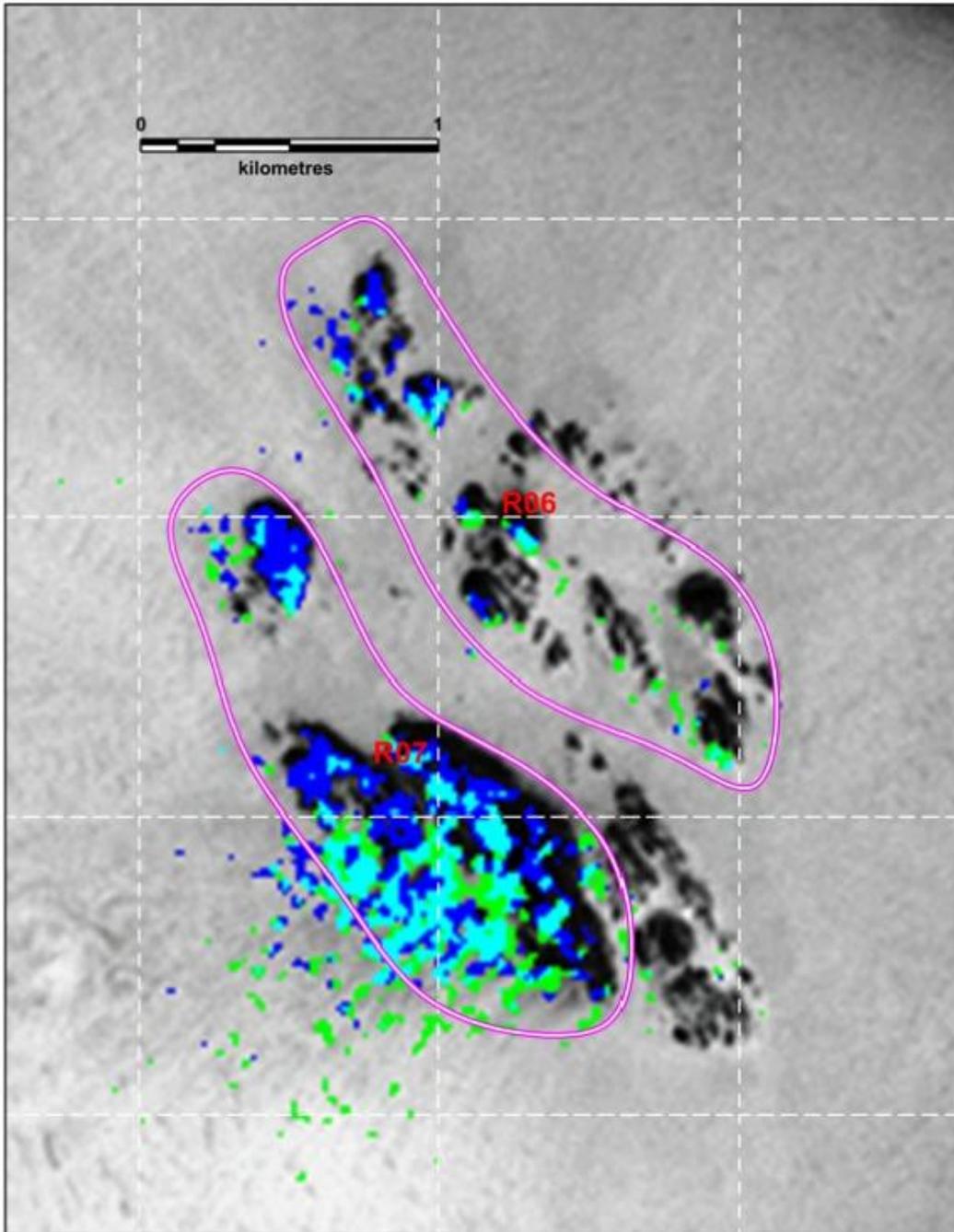


ASTER REMOTE SENSING

- Extensive ASTER satellite imagery based remote sensing
- Ratio of spectral bands highlights alteration and potential gold and base metals targets
- Over 200 targets have been generated
- Ground-truthing of these targets is on-going

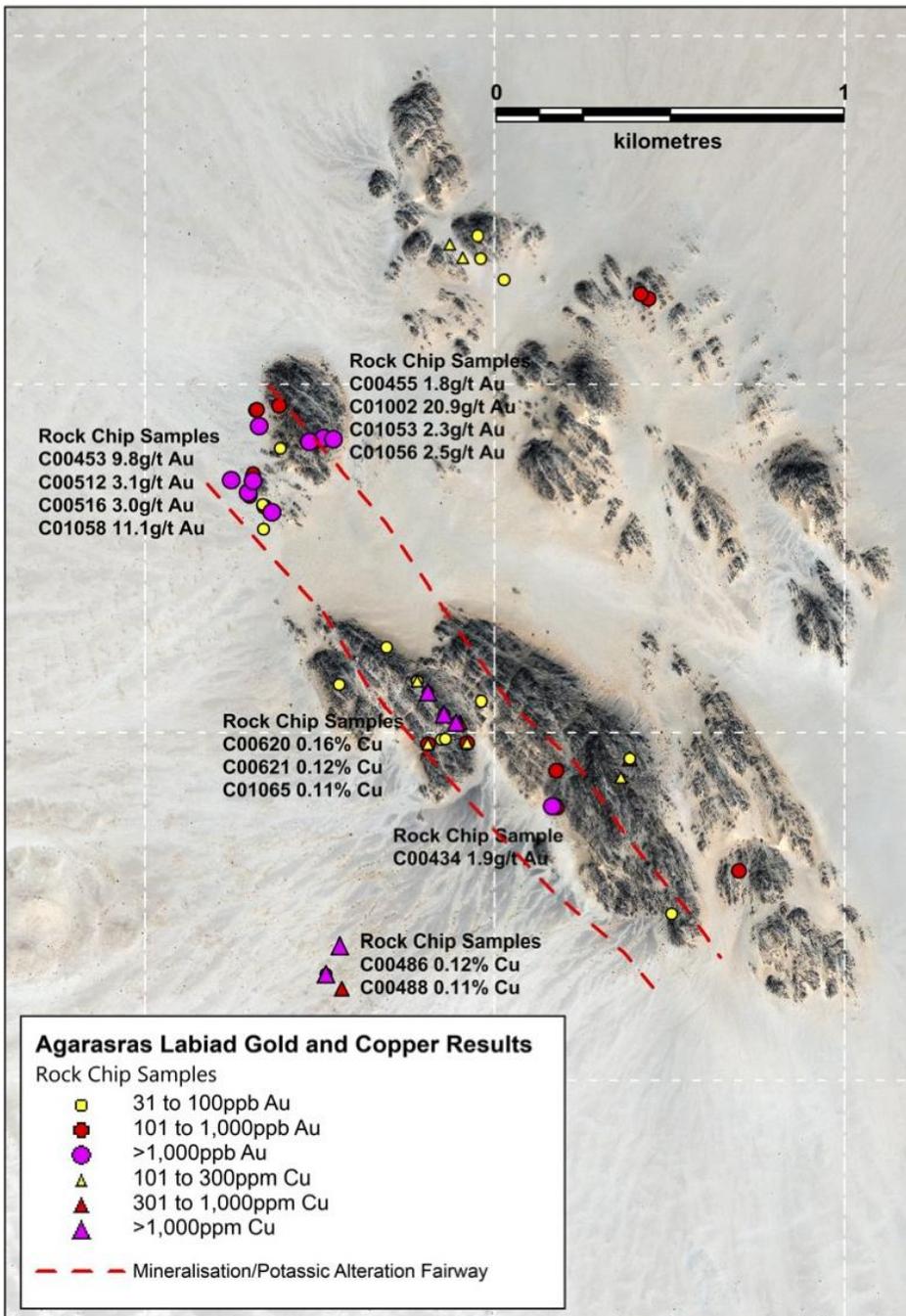
ASTER TARGETS R06 AND R07

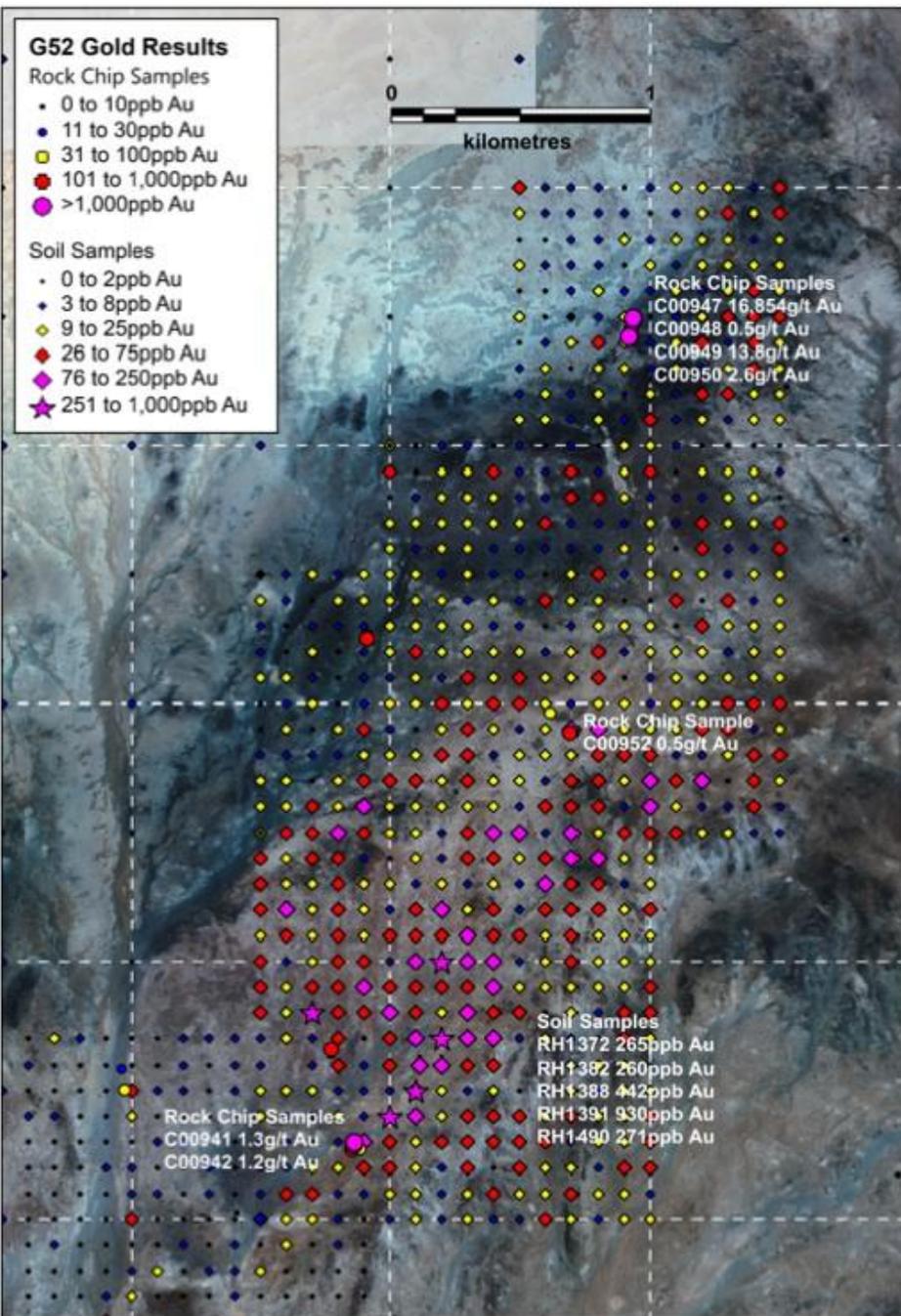
- ASTER target R06 and R07 cover range of hills known as Agararas Labiad
- Relative band depth analysis used to predict alunite, kaolinite, illite group minerals and propylitic alteration
- Target gave the strongest alteration signal of the target inventory
- Remote sensing work followed up by ground-truthing...



AGARASRAS LABIAD

- The 2.5km x 1.5km intrusive body of tonalite-granodiorite composition is heavily sheared and undergone extensive hydrothermal alteration
- Mineralised quartz veins containing up to 20.9g/t Au within a fairway of potassic alteration over 1.8km
- Pyrite and chalcopyrite mineralisation along with weathered hematite and goethite filled voids with boxwork texture
- Heavily leached sample C00621 of granite host gave assay results of 0.1g/t Au and 0.12% Cu
- Possible Au-Cu porphyry model target





TARGET AREA G52

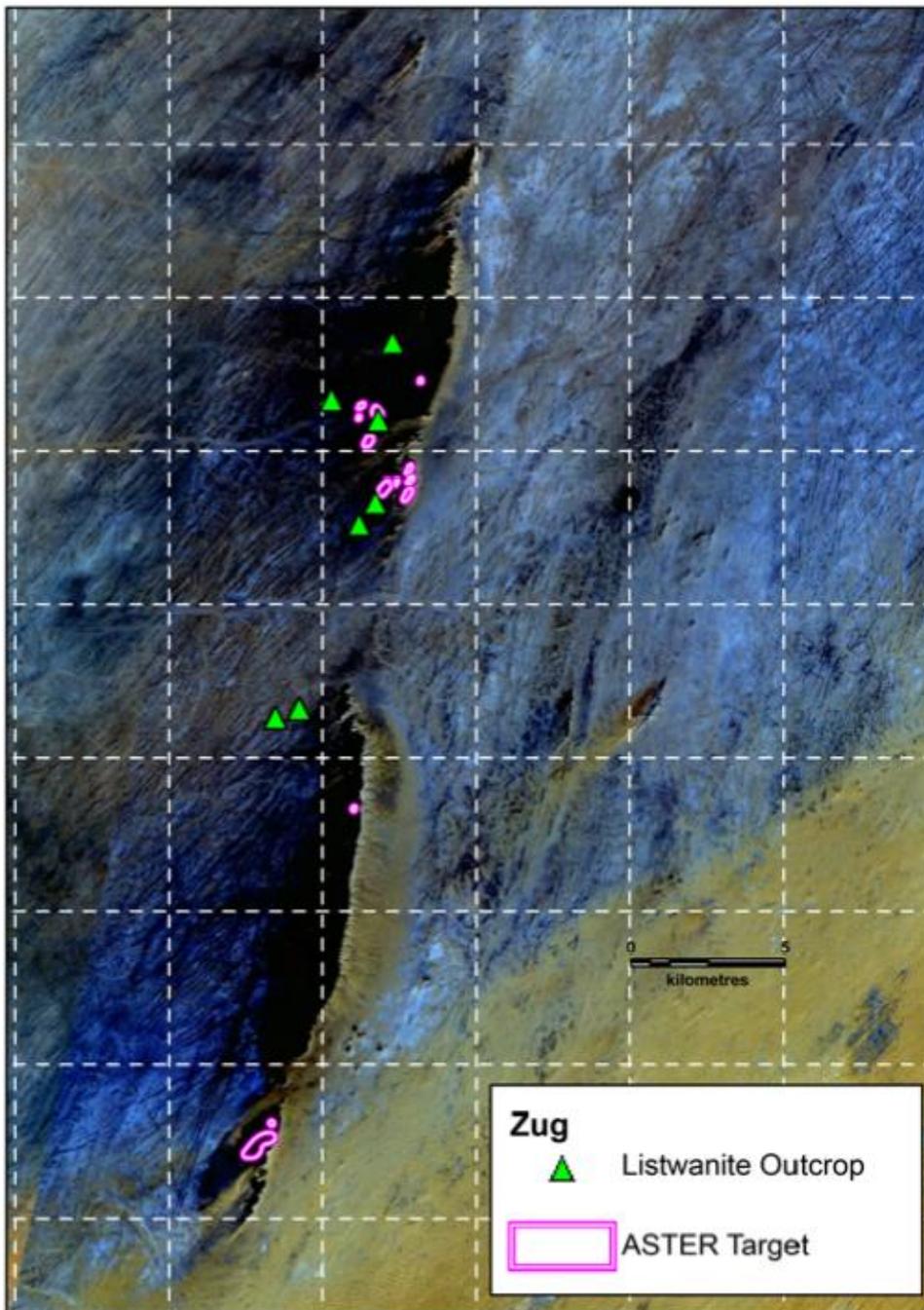
- Identified by remote sensing work
- Field investigation found mineralised quartz veins containing pyrite and chalcopyrite and interpreted the area as a sequence of interbedded metabasalts and metasediments
- Initial regional scale soil sampling generated a subtle gold-in-soil anomaly, follow up sampling at 100 x 100m spacing has generated a strong gold-in-soil anomaly of up to 0.9g/t Au along 2.5km strike
- Visible gold in quartz veins, sample C00947 assay result of 16,854g/t Au



Visible gold in sample C00947

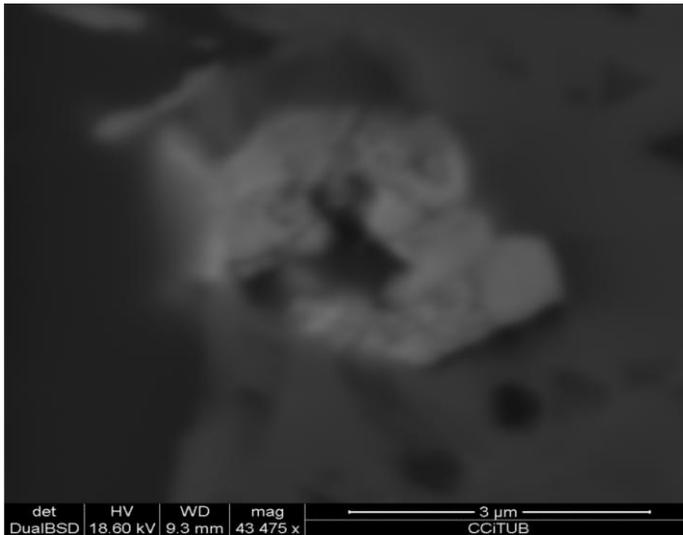
ZUG

- Zug Dyke straddles border between Mauritania and Western Sahara
- Mafic-ultramafic composition, possible layered intrusion
- Outcrops of listwanite, carbonate altered ultramafics, mapped in a number of locations
- Sampling yields anomalous results of Au, PGE and Ni

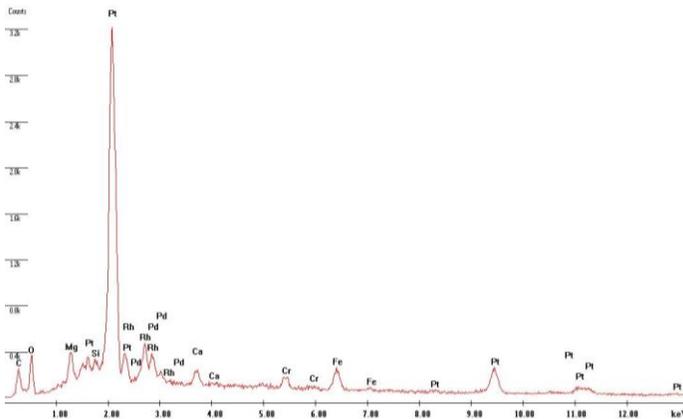


PLATINUM EXPLORATION

- 1 to 2m thick chromitite bed mapped and sampled over 5km of strike
- Petrological analysis demonstrates PGE mineralisation along the length of the bed
- Anorthosite surrounding the chromitite bed contains extensive disseminated sulphide mineralisation including chalcopyrite and pentlandite with anomalous results of Au, Cu and Ni



Label A: Chlorite (Nm.5+ 38.86, 29.56, 34.83, 1.14, 3.84, 0.29)



Sample	Lithology	Platinoid Grains	Pt-bearing Platinoids	Gold Grains
B34	Chromitite	10	1	-
B36	Chromitite	22	1	3
B37	Chromitite	18	4	1
B122	Chromitite	13	-	-
J105	Chromitite	16	2	2



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