TSX-V:FDR fdrmetals.com



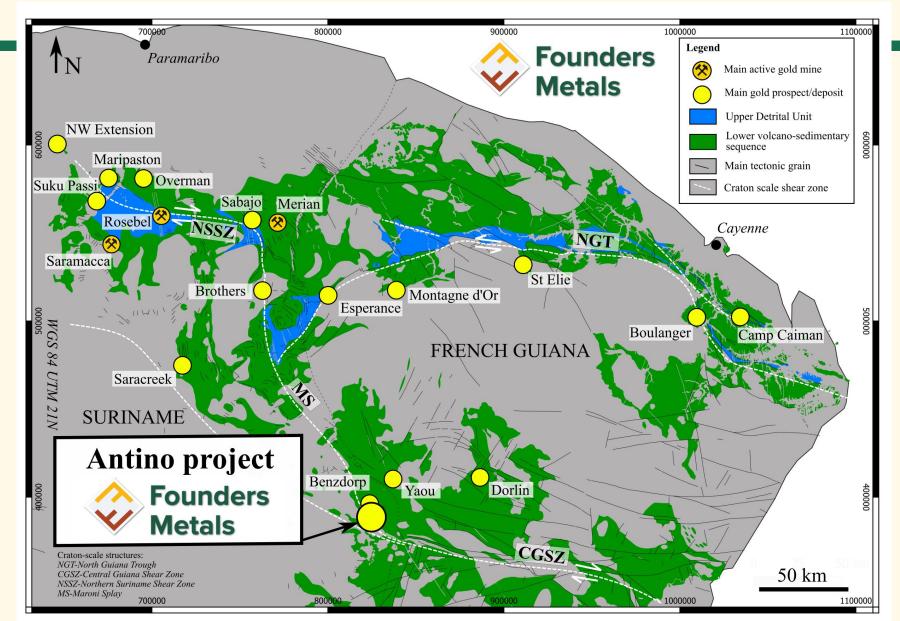
Antino Gold Project, Southeastern Suriname Structural settings and gold mineralization

Vincent Combes, PhD And the Founders Metals Inc exploration team



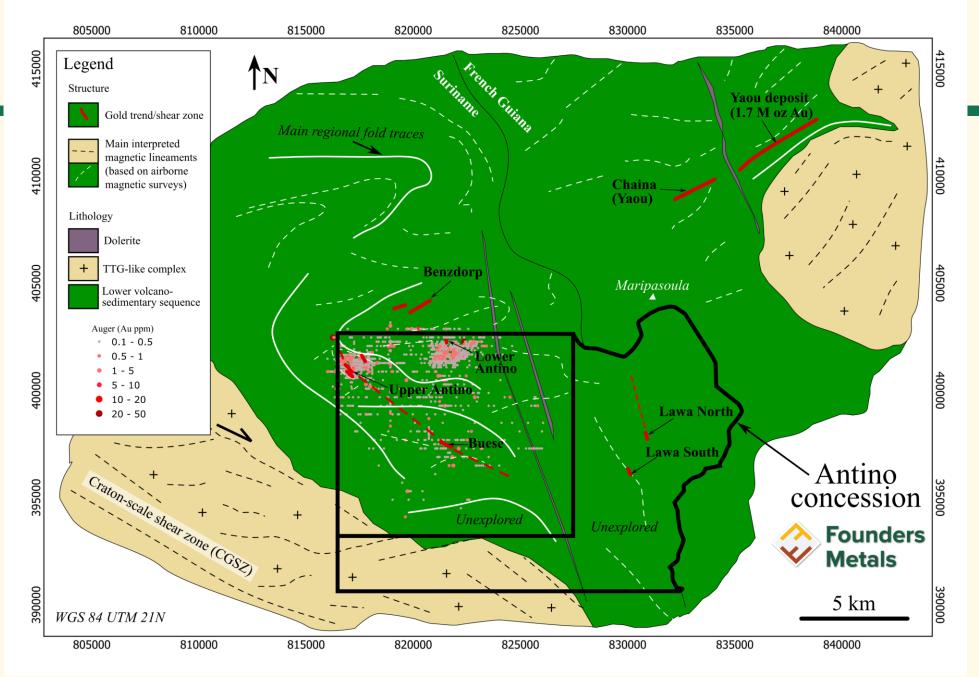
The Antino Project within the Guiana Shield

- > NE part of Guiana Shield
- At intersection of two craton-scale shear structures
- 10 km from the Yaou gold deposit (> 1.5 M ounces) in French Guiana



Regional framework

- Prolific gold district
- > Yaou-Benzdorp-Antino
- Large fold traces in volcano-sedimentary sequence
- First, second/third order structures



Antino Project

- NW corner of the concession
- > 3 main historical targets
- Multiple new targets generated in 2023
- Two styles of gold mineralization identified (both orogenic gold):

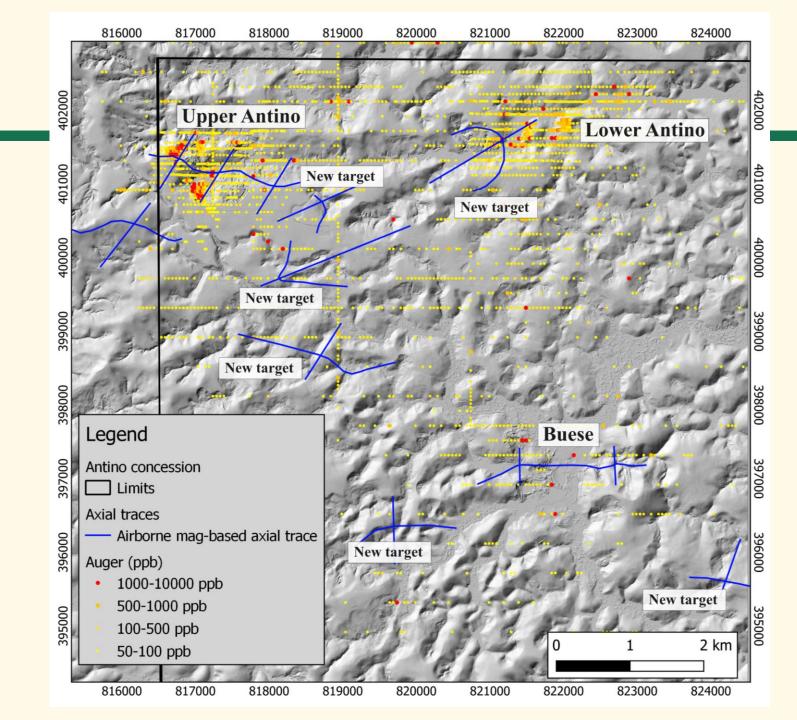
-shear zone hosted, mostly at lithological contacts (high grade, up to 400 g/t)

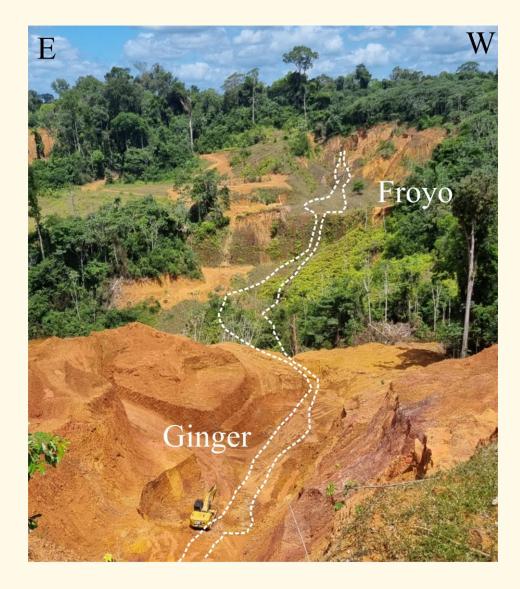
-intrusion-hosted (lower grades but potential for large volume)

Exploration work (2023-2024)

Upper Antino: diamond drilling, IP survey, ground survey, mapping, trenching

Buese : mapping, sampling, auger, IP survey

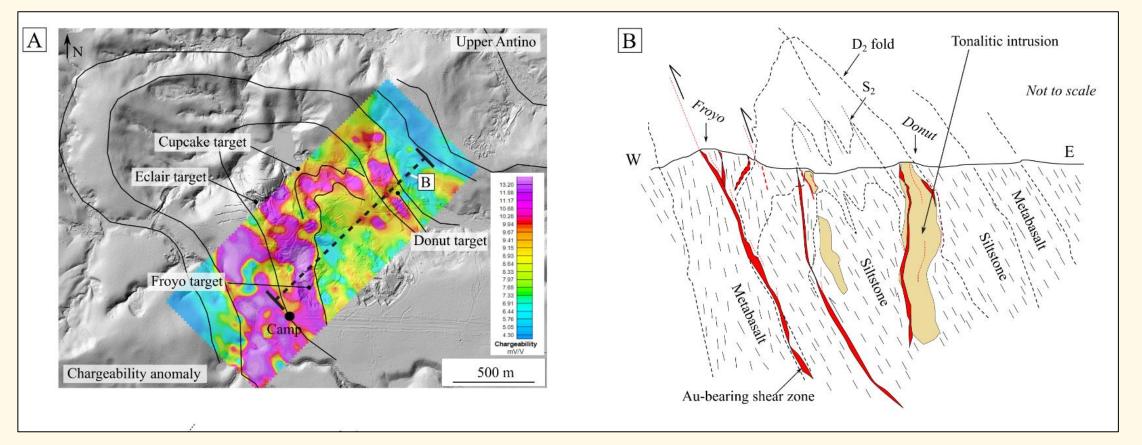




UPPER ANTINO Exploration target

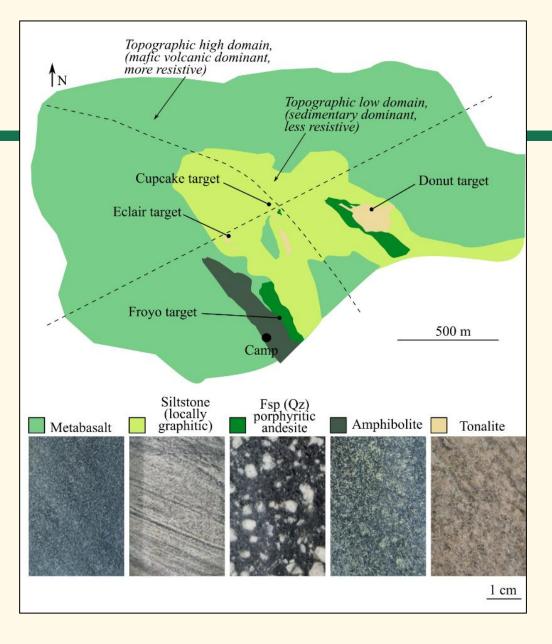
- > Fold closure of NW plunging fold structure
- Based on mapping, Lidar and IP

Froyo East dipping, Cupcake and Donut West dipping

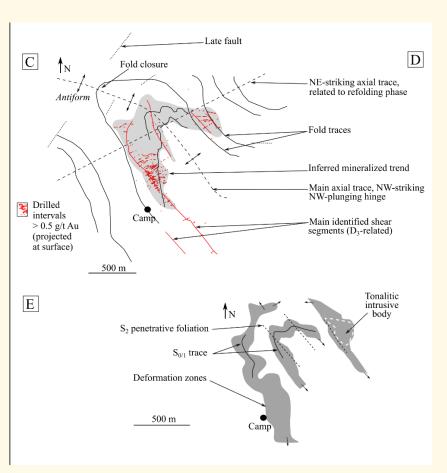


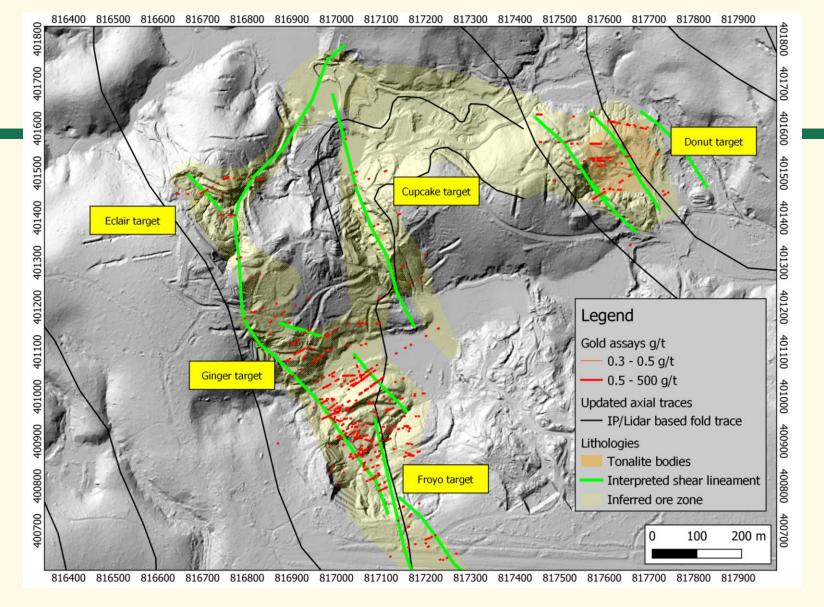
> Main lithological units in saprolite





- Fold closure of NW plunging fold structure
- Based on mapping, Lidar and IP

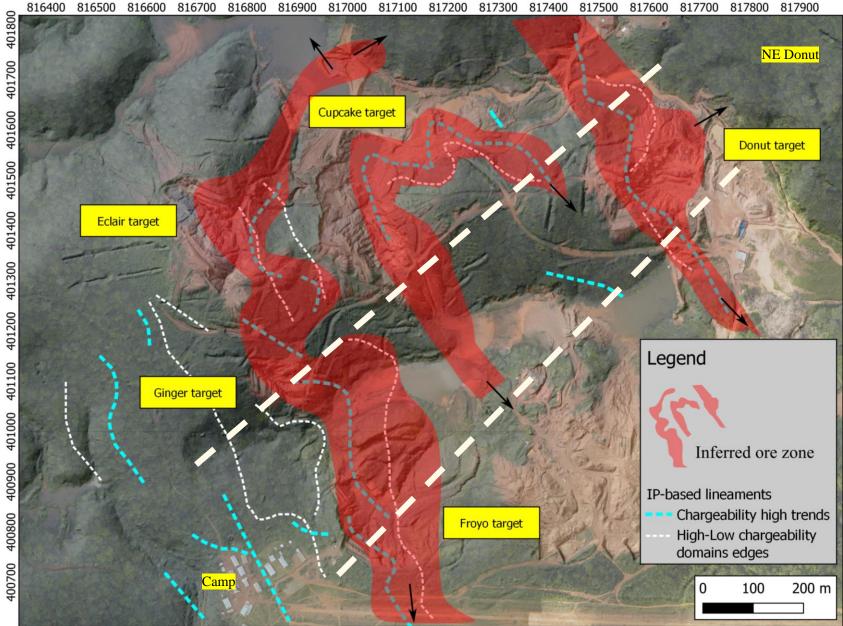




8

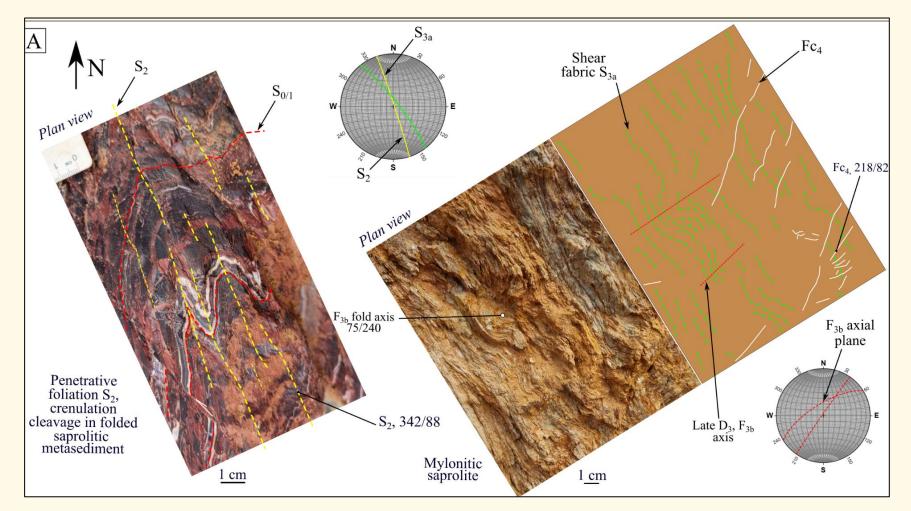
- Shear NW-striking but
- Importance of NE for refolding= NE-striking axial traces
- Importance of NE trend = postshearing brittle deformation



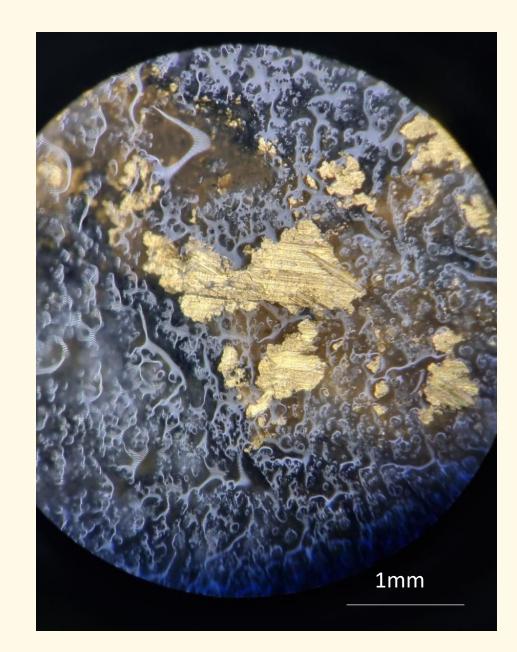


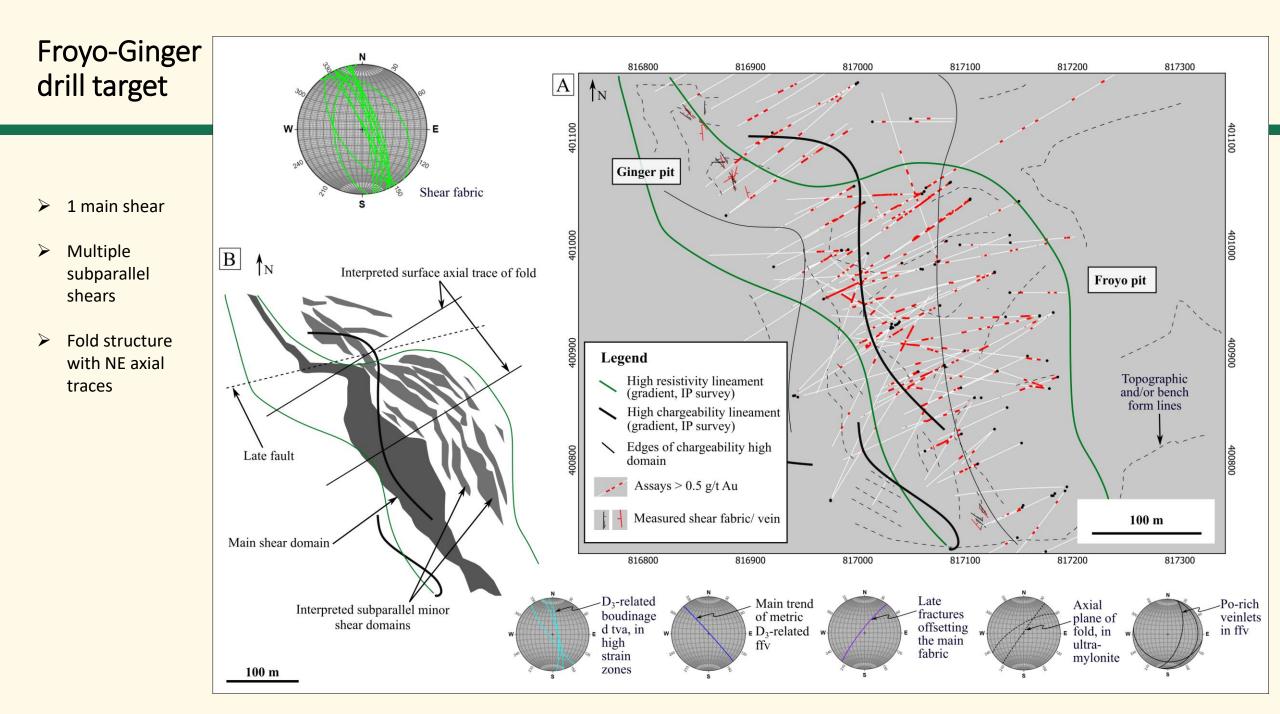
816400 816500 816600 816700 816800 816900 817000 817100 817200 817300 817400 817500 817600 817700 817800 817900

> Main fabrics while mapping the saprolitic exposures



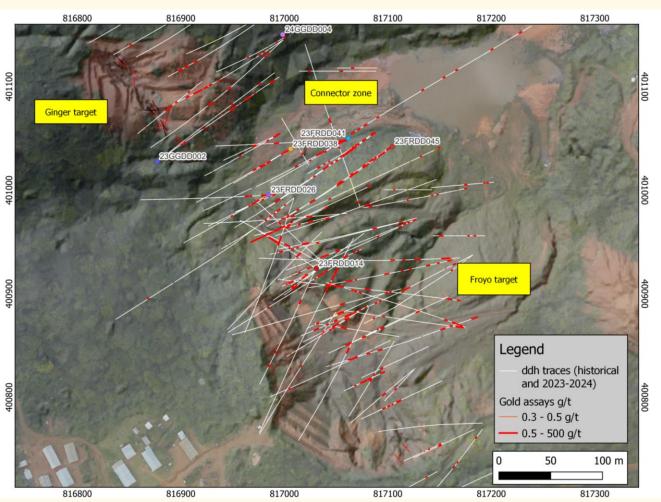
2023-2024 drill target

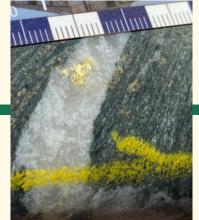




Froyo-Ginger drill target

- Interesting width: 38m, 45m or 26m long intervals
- > 200m wide ore zone







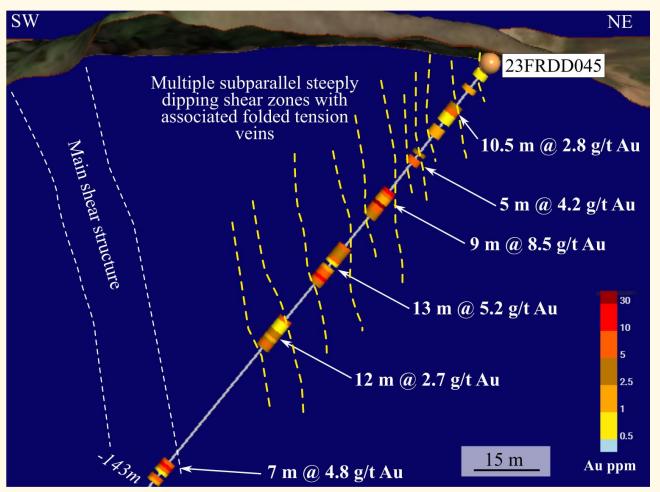
VG hole 23FR044

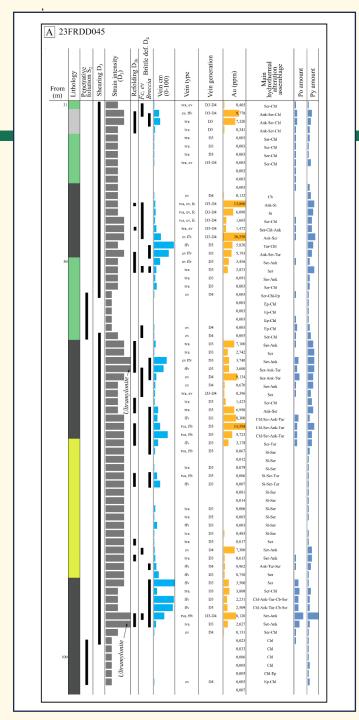
Best intervals include:

Hole ID	Interval					
Drillhole 24GG04	38 m @ 10.90 g/t Au					
Drillhole 23FR030	26.00 m @ 6.35 g/t Au					
Drillhole 23FR027	10.50 m @ 8.91 g/t Au from Froyo-Ginger Connector Zone					
Drillhole 23FR025	45.79 m @ 4.06 g/t					
Drillhole 23FR022	26.0 m of 5.52 g/t Au					
Drillhole 23FR021	21.00 m @ 1.19 g/t Au					
Drillhole 23FR014	15.50 m @ 30.72 g/t including 5.80 m @ 54.61 g/t					

Froyo-Ginger drill target

Multiple ore zones: example hole FRDD45





SW-NE section

Froyo-Ginger drill target

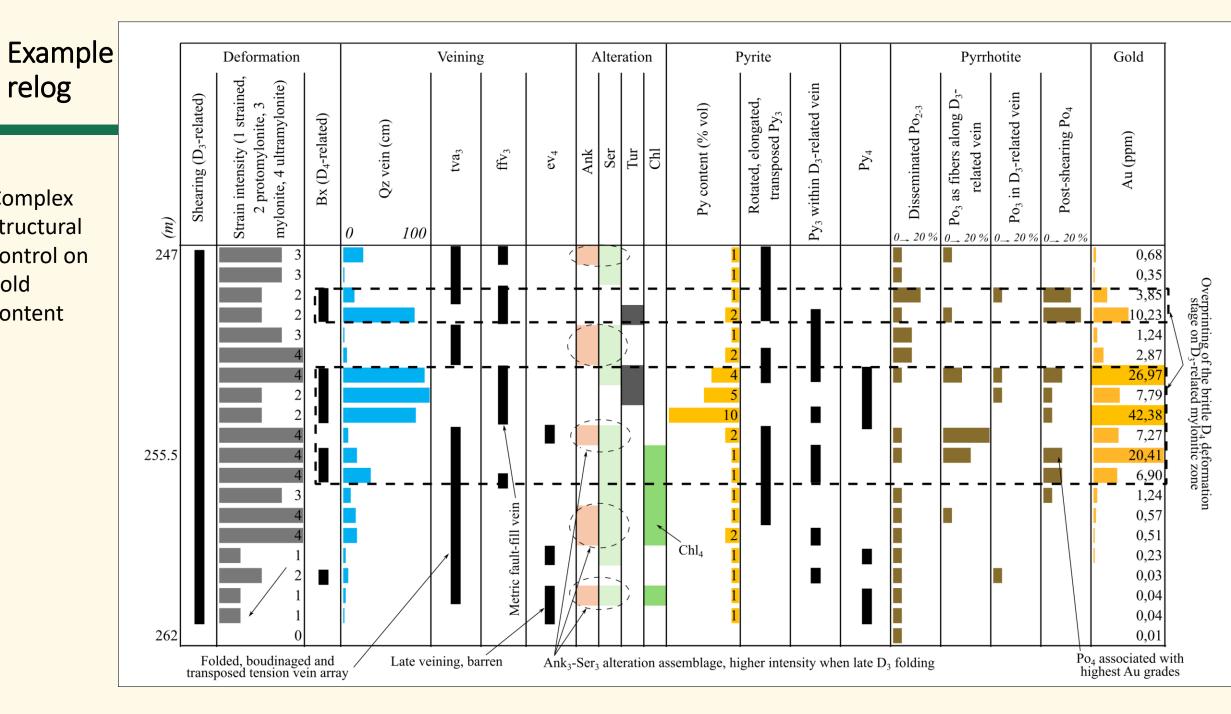
> Very High grade intervals

Highest grade in the NW extension : 1.0 m @ 434.98 g/t Au

Example hig	h grade gold	l mineralization:	drillhole	23FRDD014					Founders Metals
From (m)	To (m)	Assay (g/t A	u)	CHARLES ST.					
63	64		1,19		and the second second			State State	Contraction of the second
64	65		47,3	The second second	C. C. F.			S ₃	
65	66		49,58					ALL ALL THE	
66	67		15,45	Longe to the			A CAR	The Martine	No.
67	68		2,372				Po	THE	
68	69		3,97		Po	Ba	and the second second		Py
69	70		3,97			Cho and	the st	1 Although Star	
70	71		27,6	Po	- HAR - CARACTER		Section 2	The Chip of Sta	A MARINE
71	72		64,84						
72	73		9,73	and the second	LA ALLE	1 Sector	the second	Po	Po
73	74		147,87		C. A.S.	-	and the	States and	AF ALLERA
74	75		37,83	and a		1	The second	Ру	T- A
75	76		34,22	EI	A Bert State	Canal State		1111 2 316	03
76	77		7,9			V	Sec. Mar	The pro-	
77	78		14,45					0.10	A TOTAL
78	79		23,42	1 m @ 49.58 g/t Au	0.58 m @		m @	0.43 m @	1 m @
79	80		0,321	from 65 m	85.85 g/t Au from 71 m		87 g/t Au m 73 m	60.7 g/t Au from 74.57 m	34.22 g/t Au from 75 m
Example high grade gold mineralization: drillhole 23FRDD026		Im @ 23	1.92 g/t Au from 31m	Lcm	HQ core	Example visible gold drillhole 23FRDD04	4	Au	
lm @ 52.72 g/ Boudina, Ension v	Po	HQ core	1m @ 23	1.92 g/t Au from 31m	<u>Icm</u>	NQ core		Qz vein	

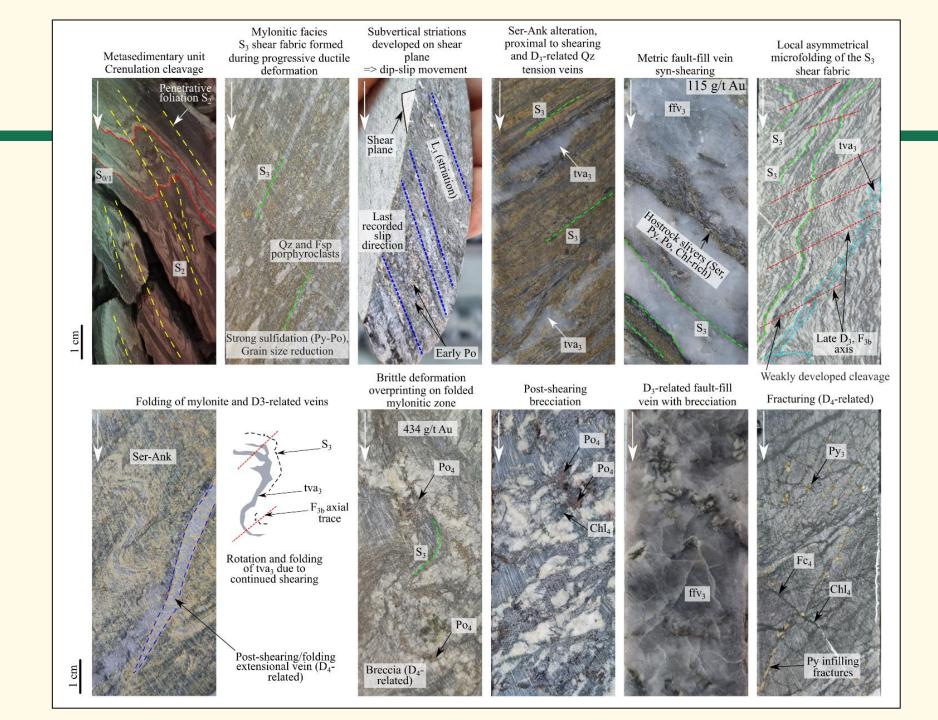
Complex structural control on gold content

relog



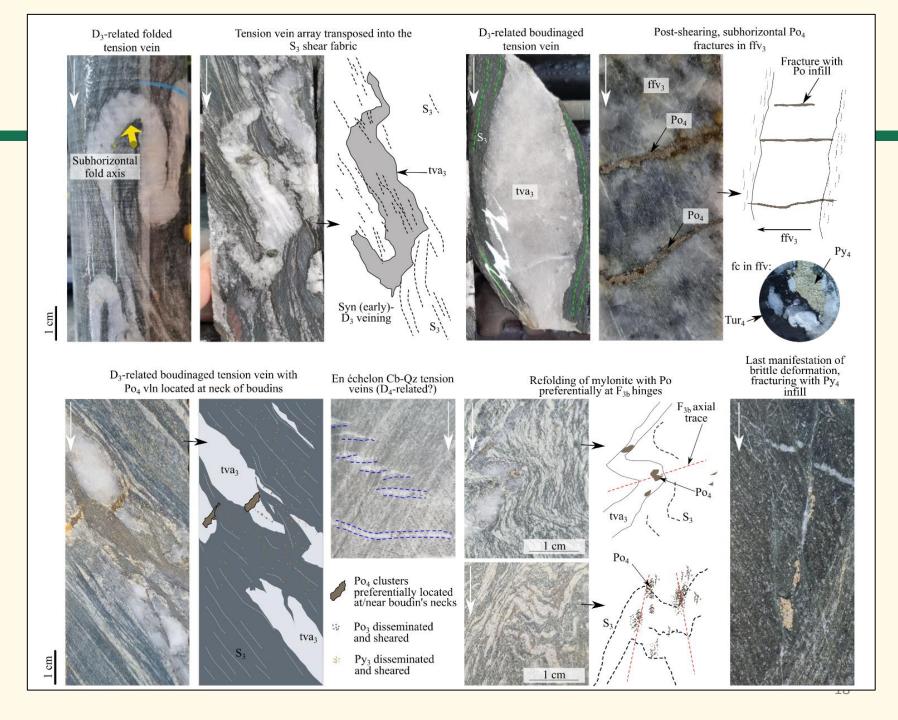
Main facies

Deformation stages and vein system



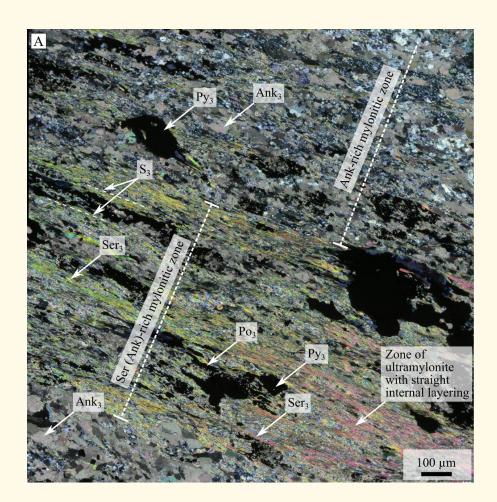
Main facies

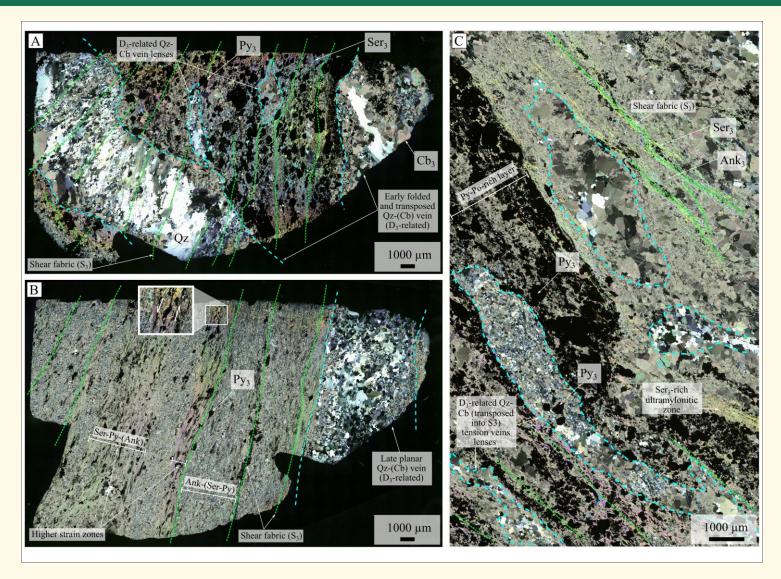
Deformation stages and vein system



Microstructural

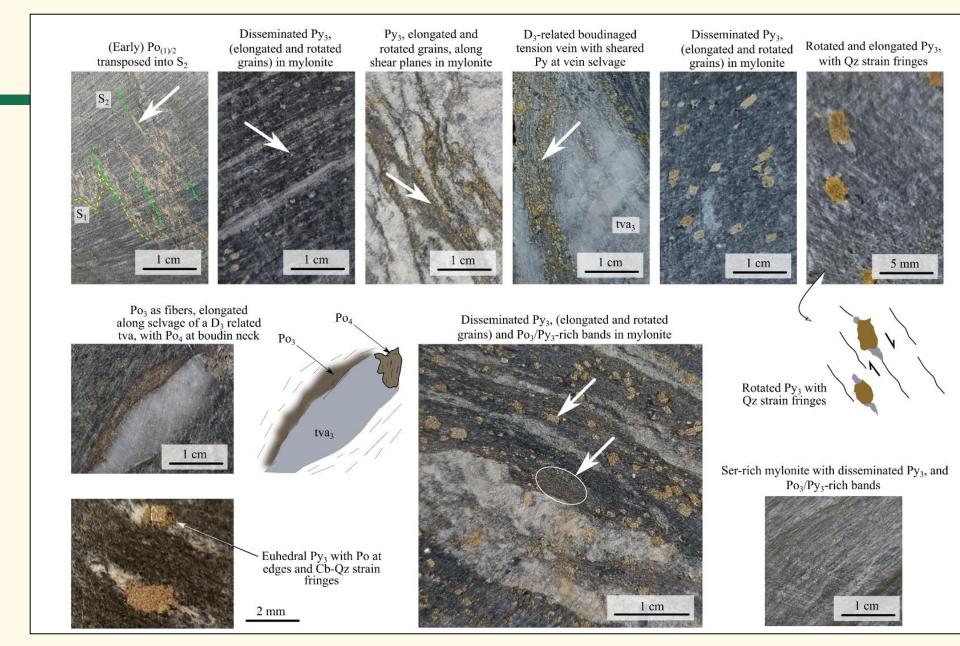
> Key observations





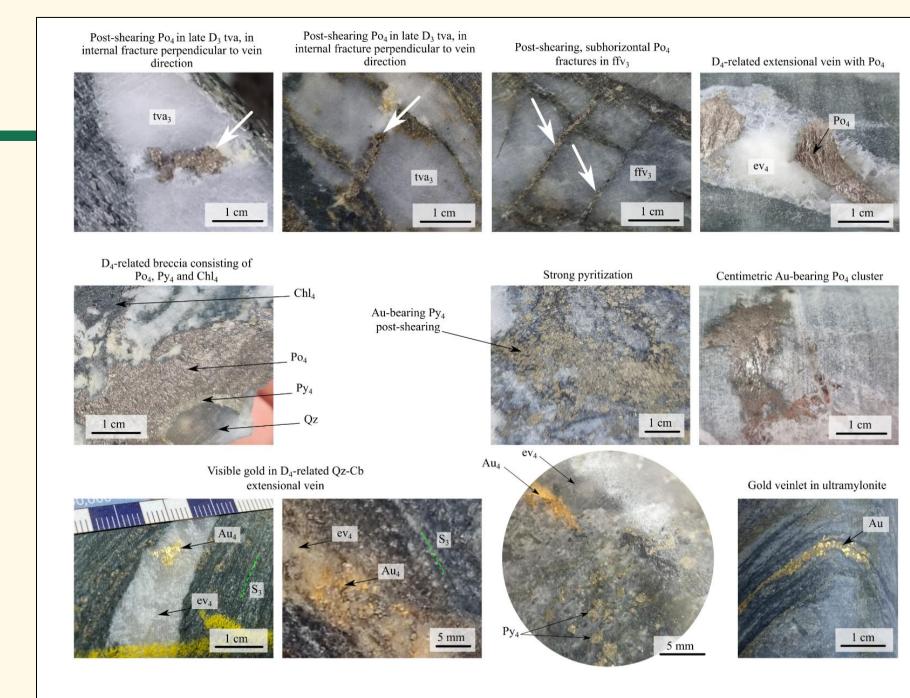
Main facies

Ore-related phases



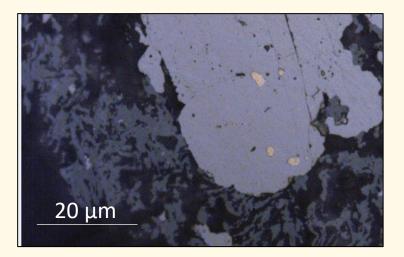
Main facies

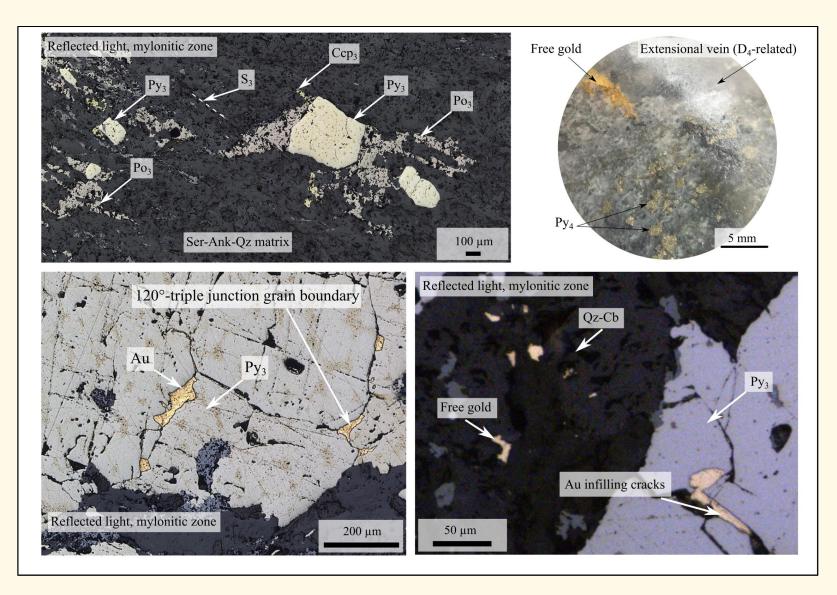
Ore-related phases



Au controls at the core-scale

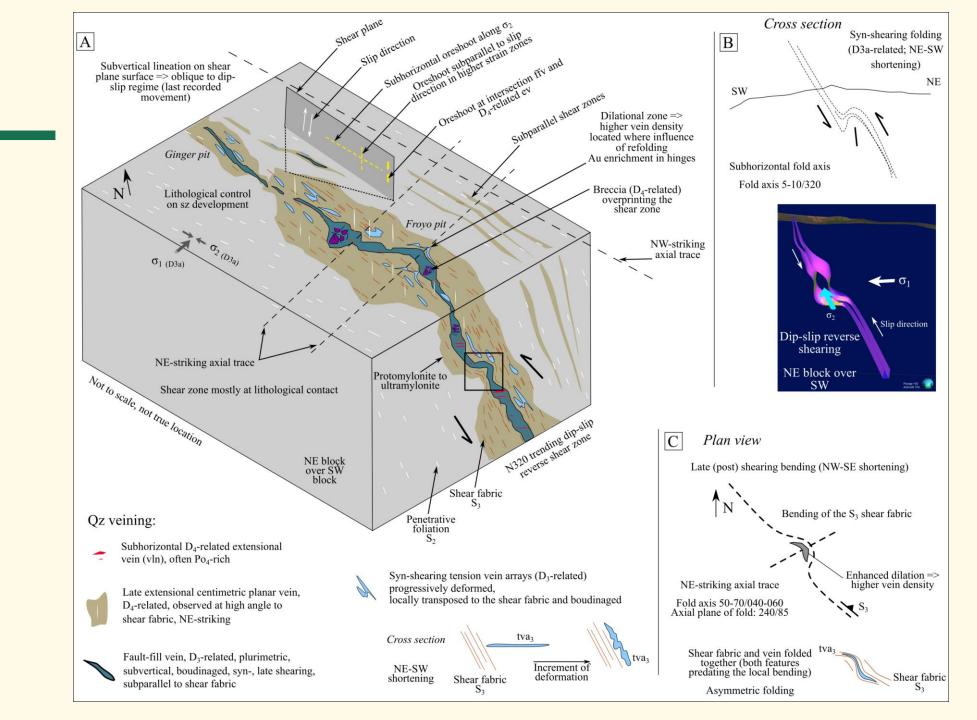
Gold occurs mainly as (1) free gold in quartz carbonate veins, (2) free gold within sericite-(ankerite)-rich mylonite, and as both (3) micro-inclusions and (4) gold infill in microfractures/cracks/grain joints within sheared pyrite grains related to the local D3 deformation stage.





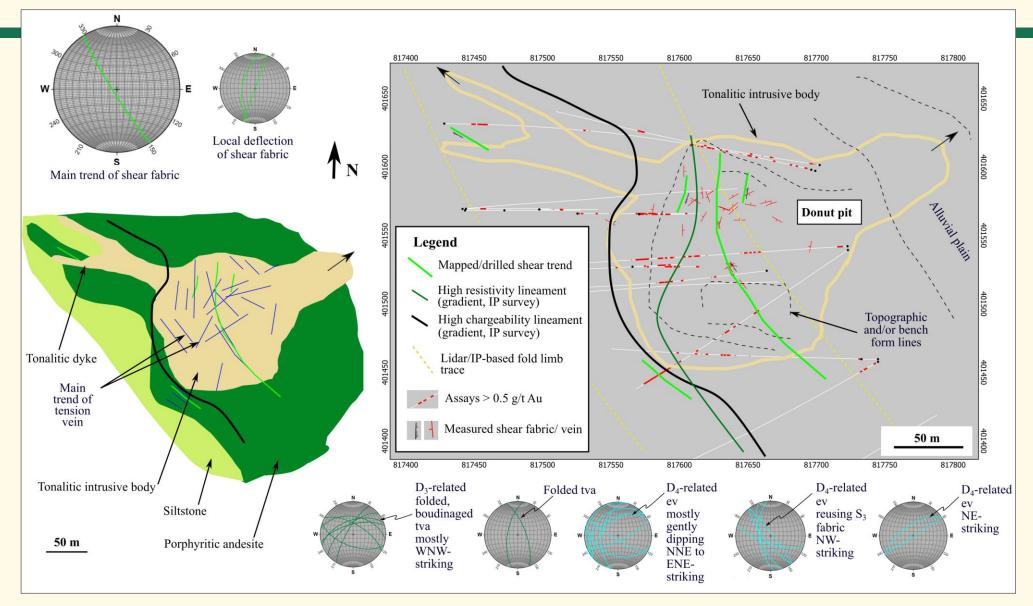
Froyo-Ginger target

 Preliminary model for the Froyo-Ginger target



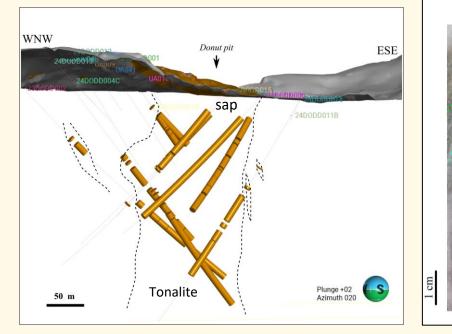
Donut drill target

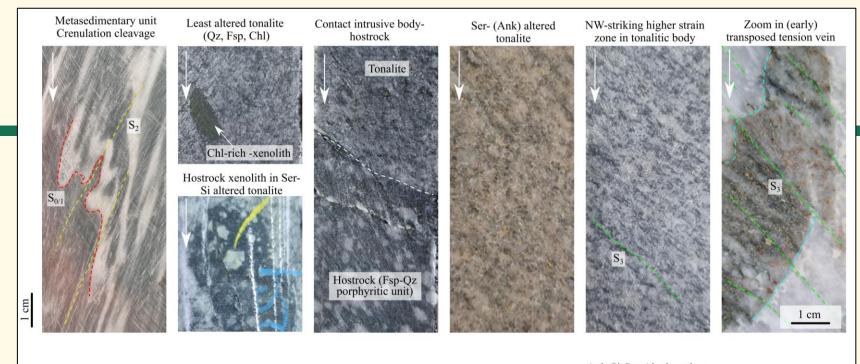
- Intrusion hosted, Au associated with internal shearing and brittle veining
- 19 m @ 14.23 g/t (24D007) and 45 m @ 2.16 g/t (24D006)
 D₄ deformation stage = NE trending



Donut drill target

 \geq Main observations





Boudinaged tva3 in Serrich tonalitic mylonite

Ser

tva₃

tva₃

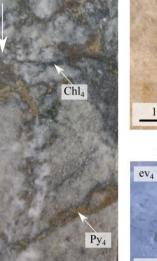
D₄-related Qz-(Cb) extensional vein

Planar D4-related Qz-(Cb) extensional vein

 ev_4

 ev_4

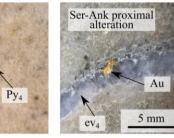
D₄-related brecciation, 113.40 g/t Au



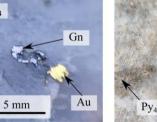
Ank-Si-Ser-Ab alteration assemblage, proximal to ev4 with strong pyritization

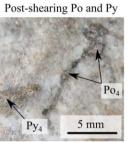
1 cm

Free gold in D₄-related Qz-(Cb) extensional vein



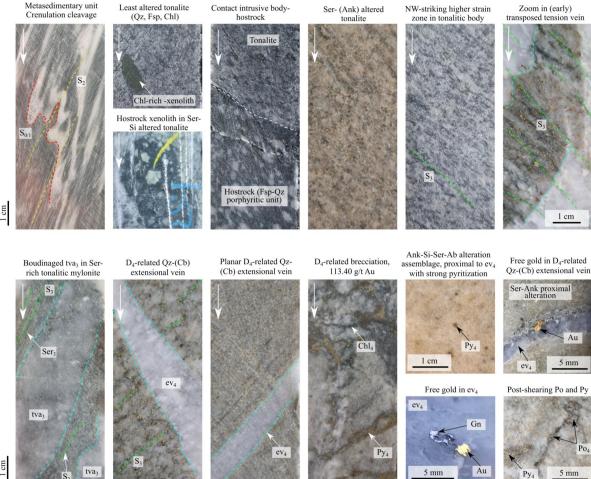
Free gold in ev₄

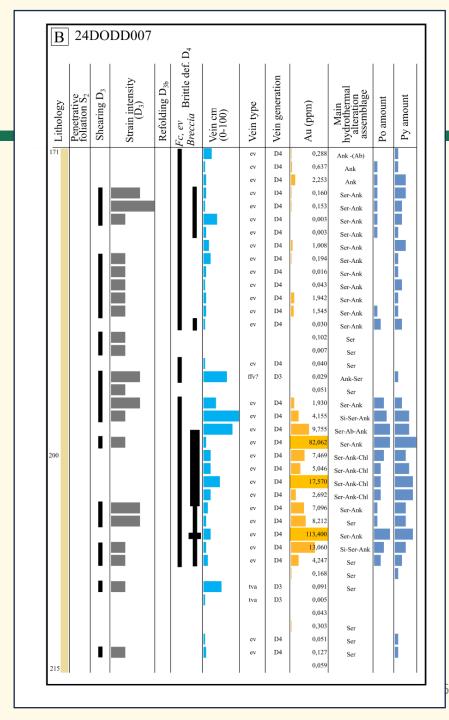




Donut drill target

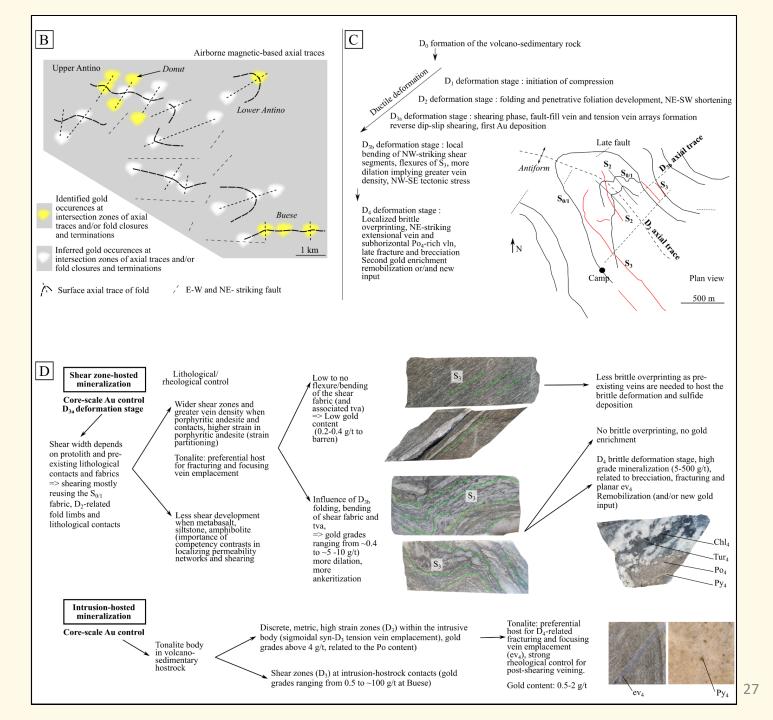
Relog hole 7 \geq



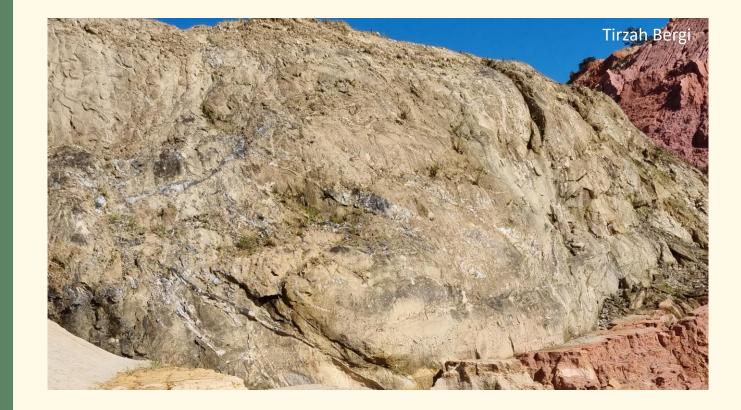


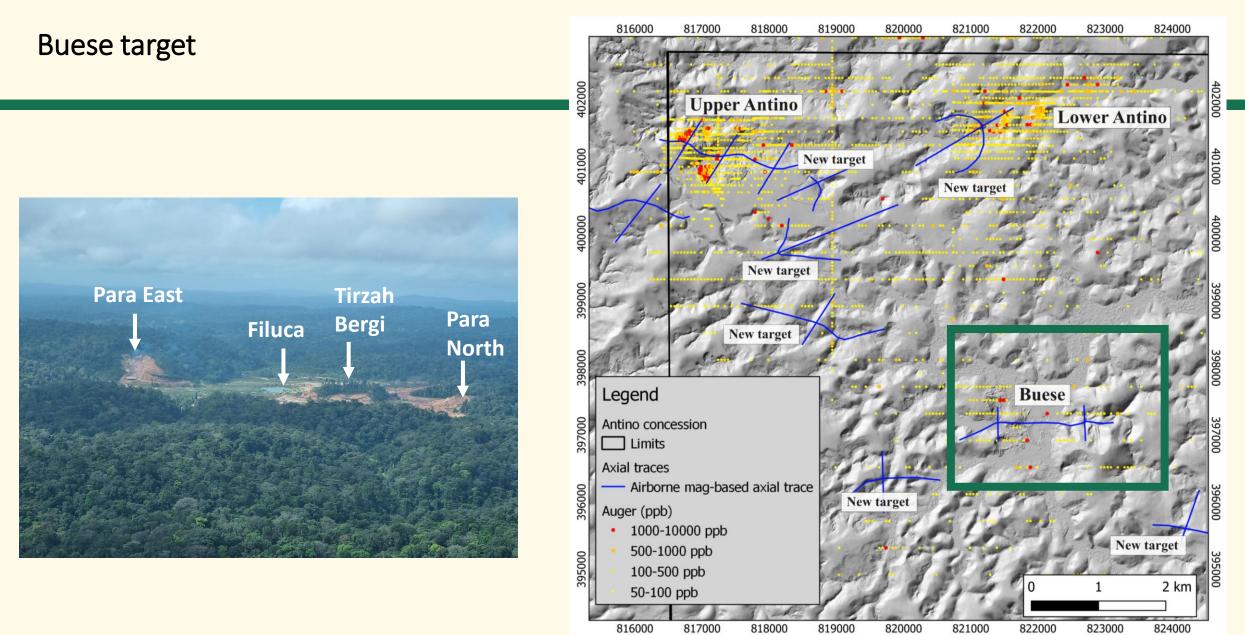
Gold events

 Au controls and inputs at different scales

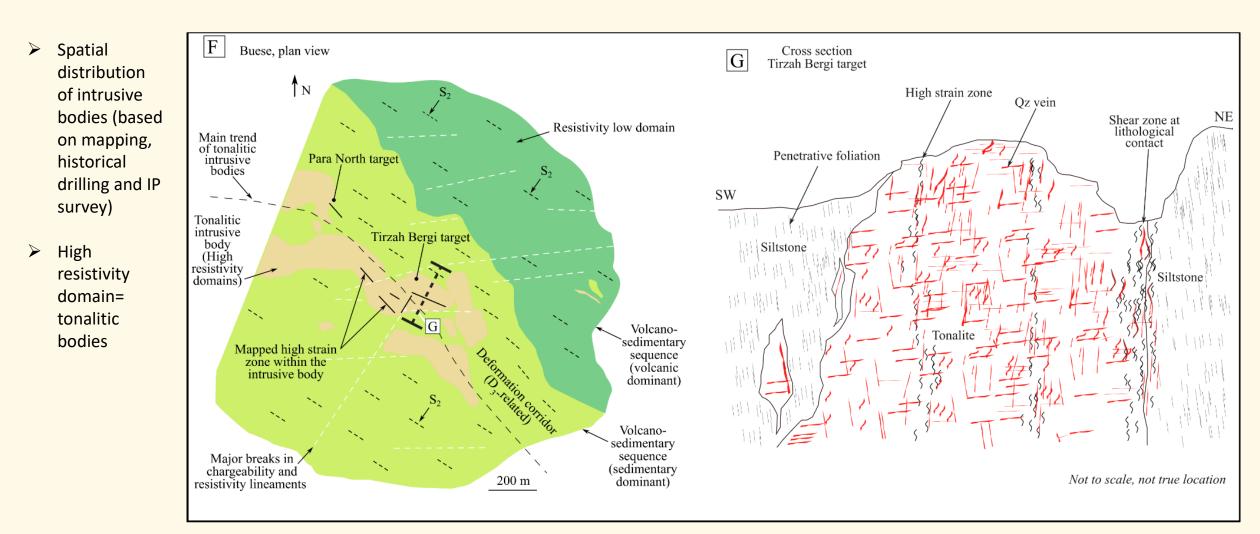


Buese exploration target

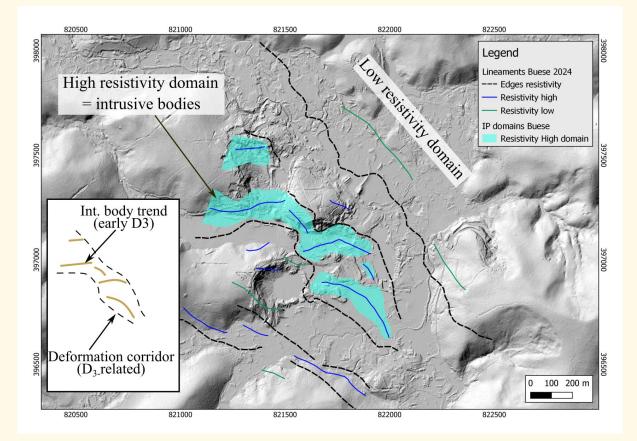


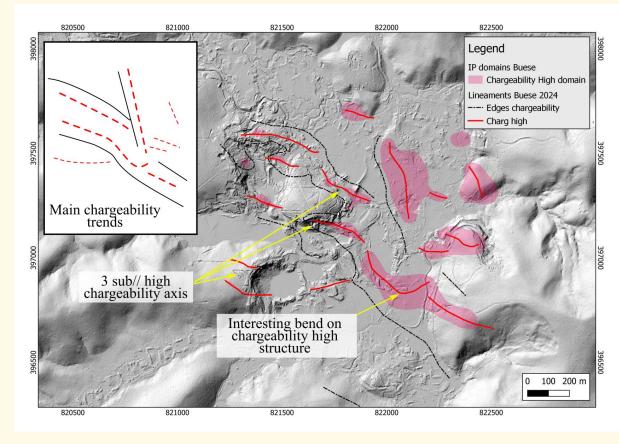


Buese target overview



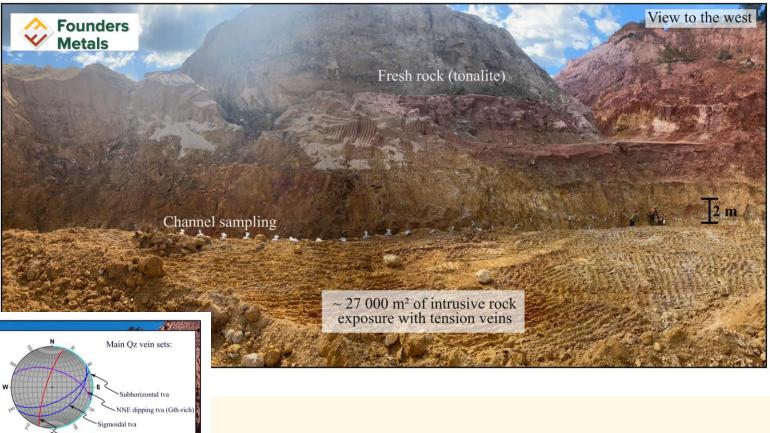
> NW trend with E-W bends

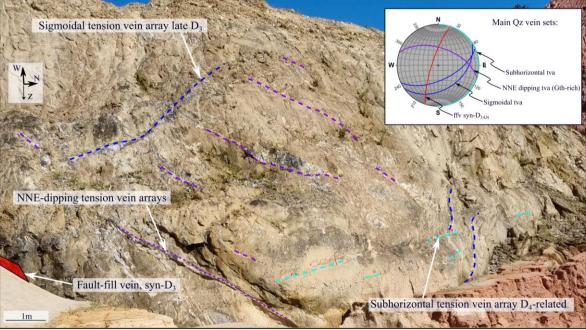




Updated Tirzah Bergi pit mapping

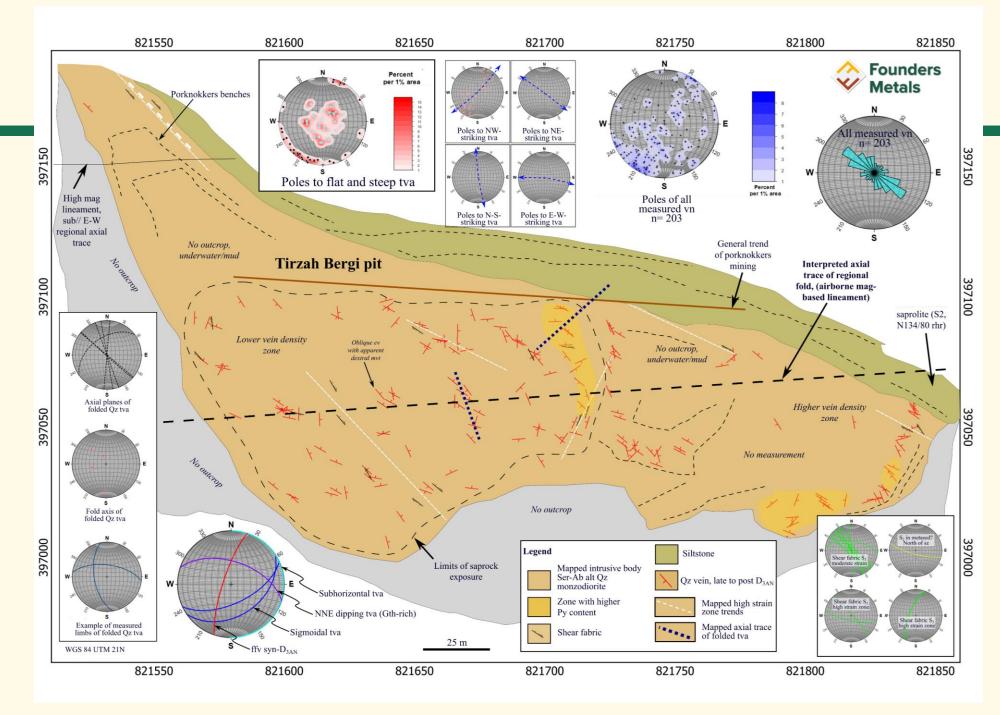
- Large tonalitic body
- > 4 sets of Qz vein are identified
- Multiple zones with a strong pyritization





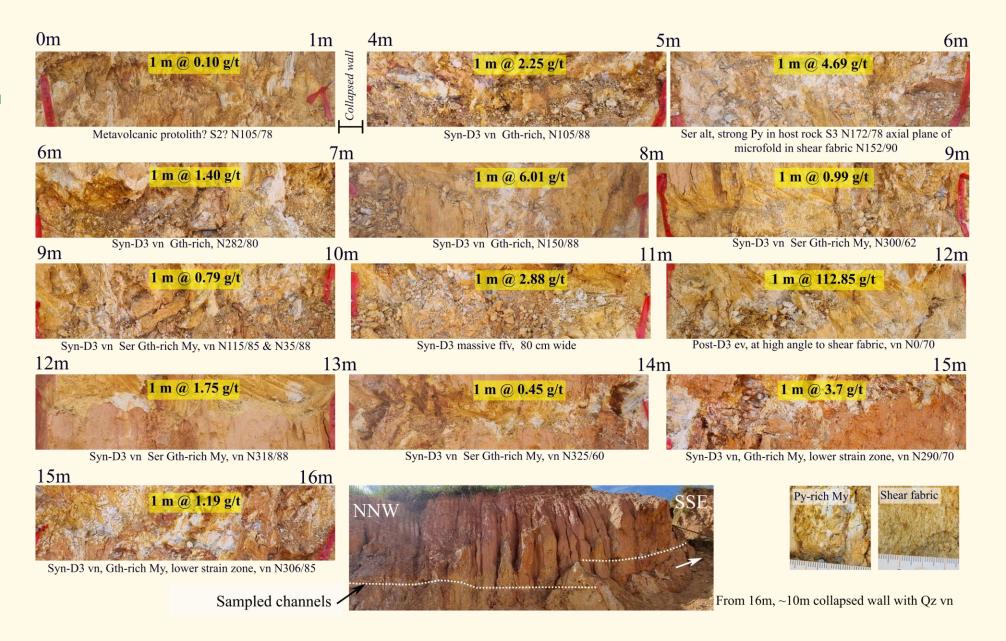
Updated Tirzah Bergi pit mapping

- Large tonalitic body
- 4 sets of Qz vein are identified
- Multiple zones with a strong pyritization



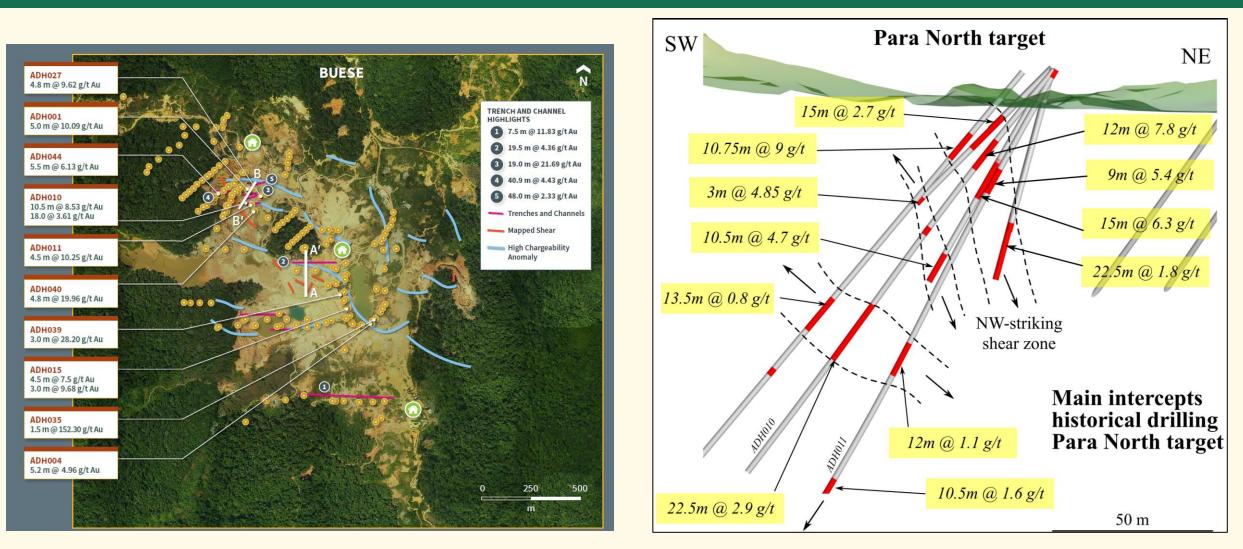
Channel Sampling Tirzah Bergi

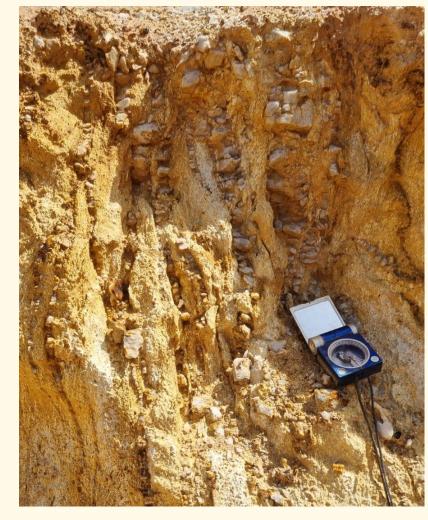
- The main shear zone located at the East of the pit was sampled
- Im intervals
- 26m wide shear zone
- Although Buese is mainly intrusion-hosted, the shear zone-hosted mineralization itself seems volumetrically more important than at Upper Antino



Para North target

Intrusion-sz at contact Best historical driling Bad azimuth



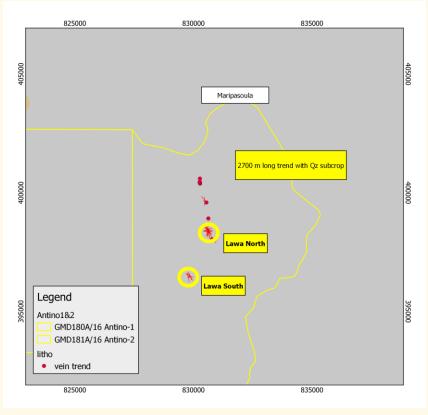


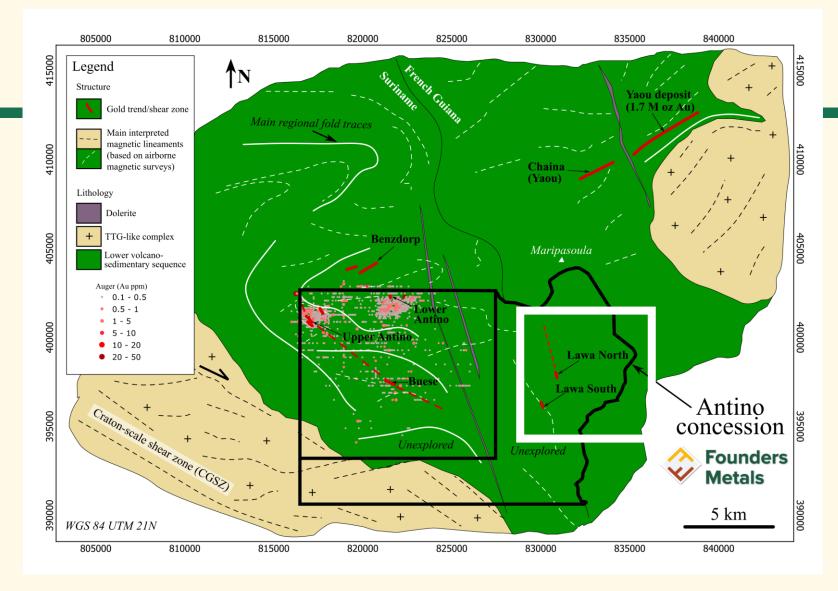
N150 striking subvertical tension vein in tonalitic saprolite

Lawa targets (Eastern part of the Antino concession)

Lawa target

- Mapping and sampling at Lawa allowed to identify a 2.7 km long trend with Qz vein subcrops preferentially hosted by a tonalite
- Two main pits referred as Lawa North and Lawa South are mapped.





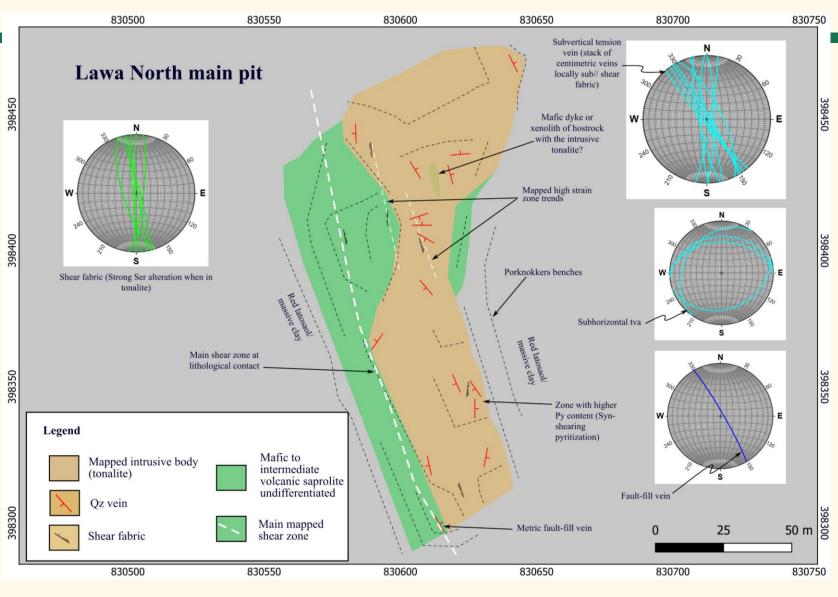
In red the mapped Qz veins

Lawa target: Lawa North pit

- Located at contact between a tonalite and a mafic volcanic hostrock
- Main shear with ffv at contact
- N150/85 shear
- Locally strong pyritization

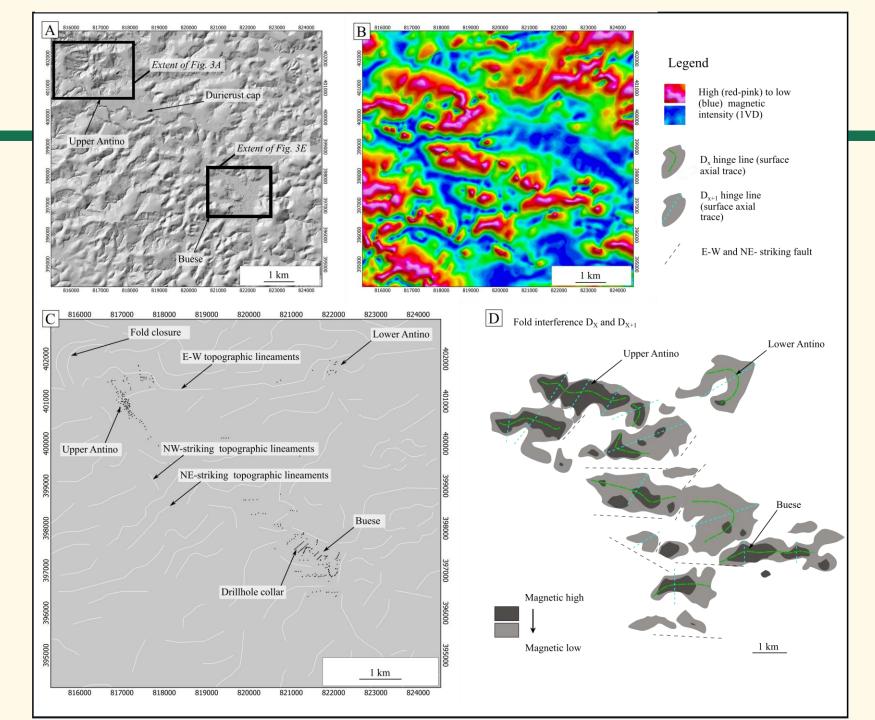


View to the SE



Multiple targets

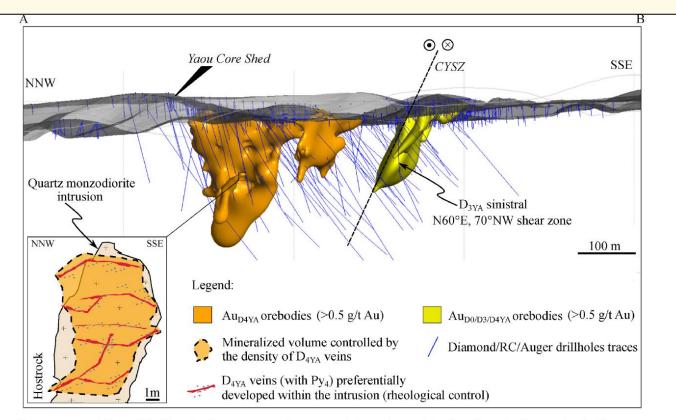
- Magnetic domain are redrawn to highlight the fold pattern
- Fold interference
- NW striking steeply dipping sz occur along the axial trace and limb of fold D_X with gold enrichement in hinges of D_{X+1} folds

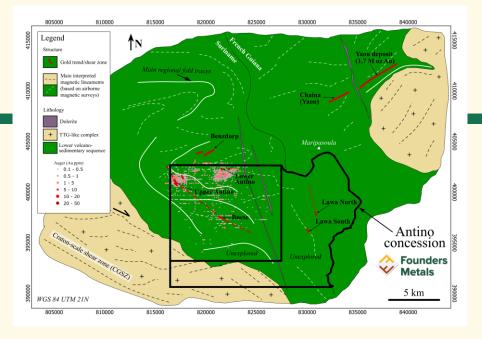


Analogies with the Yaou deposit

- > 1.5 M ounces average grade 2.1 g/t
- Shared settings with Buese and Donut pit:

-mostly intrusion-hosted mineralization, strong rheological control, tension veins in intrusive bodies, mainly subhorizontal, Py-rich and Mag-depleted with proximal Ab-Ank alteration halo





But: Higher grades at Antino Po not observed at Yaou

Fig. 5. Leapfrog Geo scene of the model with orebodies geometry at the camp-scale (central part of the deposit). Orebodies associated with D_{4YA} correspond to intrusive bodies enveloppes. See Fig. 4 for location.