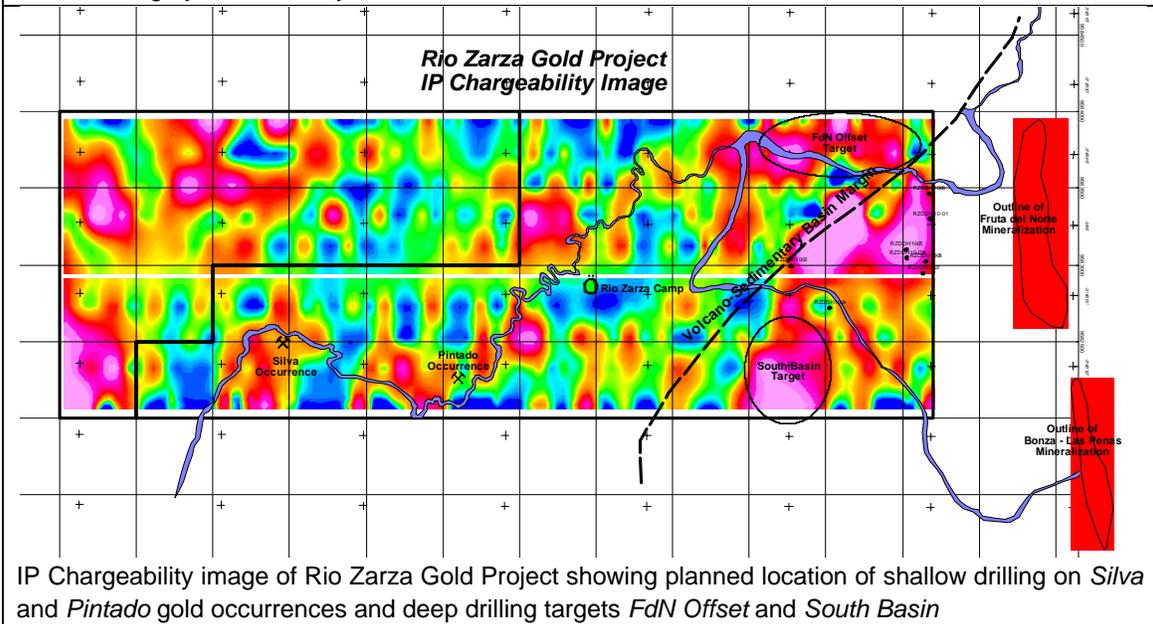


Rio Zarza project geology map showing anomalous gold in trenches, and outcrop of felsic porphyry west of the Misahuallí-Suarez Basin, which is probably related to the causative intrusion for the mineralizing hydrothermal system



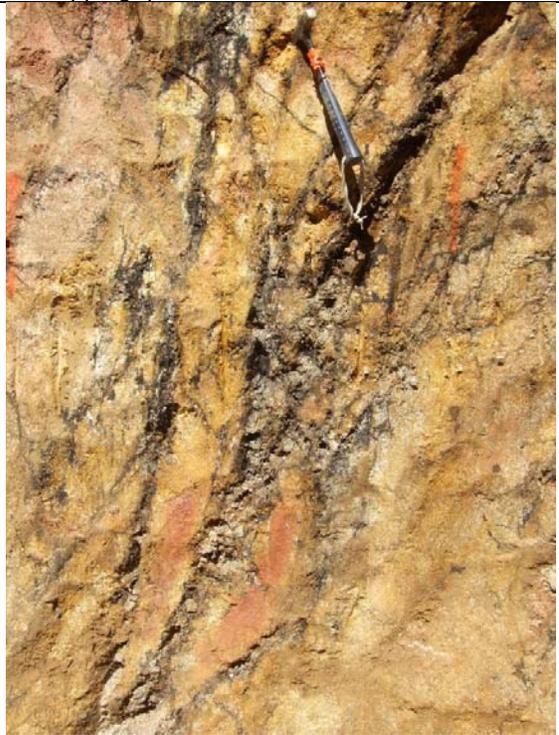
IP Chargeability image of Rio Zarza Gold Project showing planned location of shallow drilling on Silva and Pintado gold occurrences and deep drilling targets FdN Offset and South Basin



Trench TRZ10-06: showing soil profile development on Zamora Batholith granodiorite, and dipping quartz vein



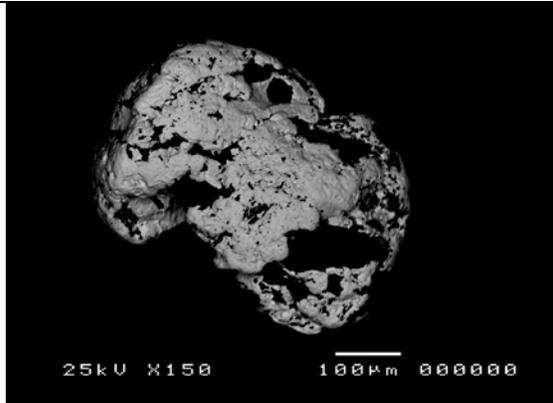
Trench TR10-37: pan concentrate of crushed vein material, magnetite and fine native gold



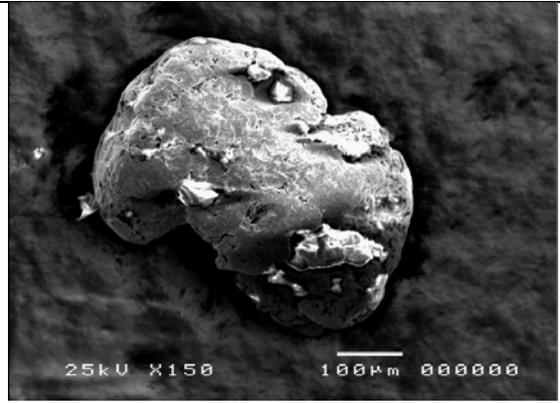
Trench TRZ10-37: weathered haematite-pyrolusite (after sulphide) quartz-clay veins



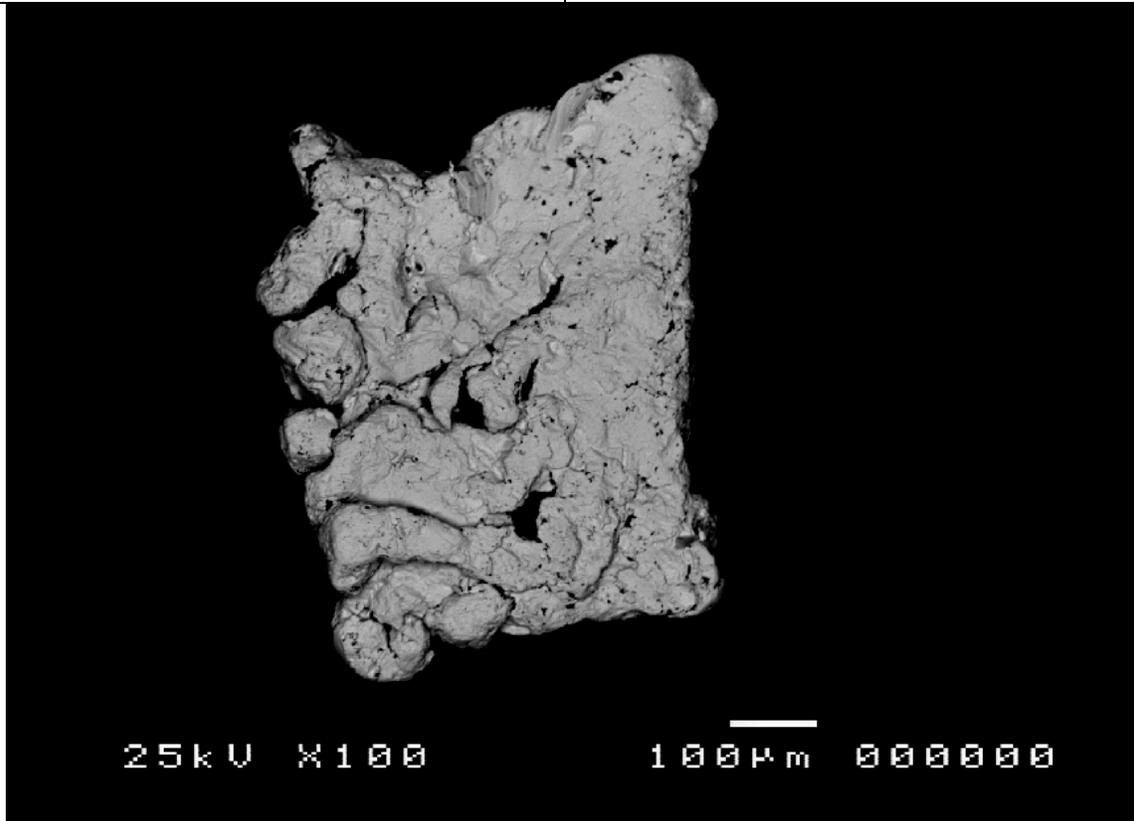
Pervasive and vein chlorite altered Zamora Batholith granodiorite in artisanal mining exposure



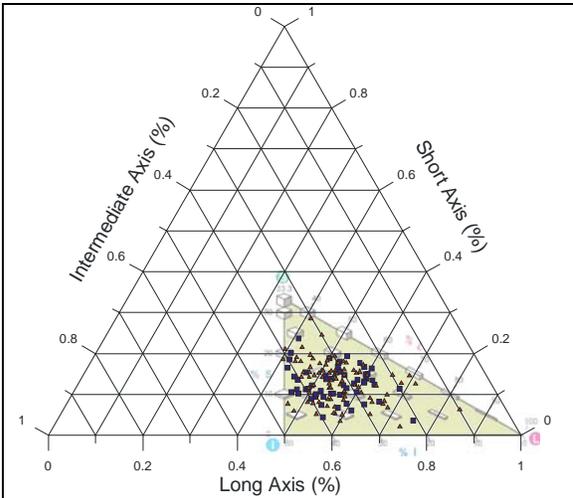
Silva Occurrence Sample No 083267 (alluvium): SEM Backscattered Electron Image: rounded and polished surface indicates transported from source, but roundness indicates short distance



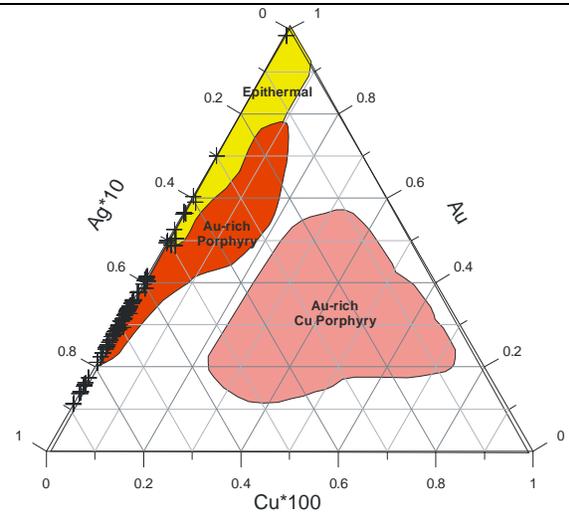
Silva Occurrence Sample No 083267 (alluvium): SEM Secondary Electron Image: surface pits caused by plucking of host material



Silva Occurrence Sample No 083267 (alluvium): SEM Backscattered Electron Image, proximal source inferred from preserved delicate filigree and surface textures



Gold grain axis measurements – Square = vein, triangle = Placer. All samples fall in the same population, and there is no clear trajectory of change in grain morphology. (Ref: Hofmann, 1994: J. Sed. Res., vol. A64:916-920)



Compositional discrimination indicates magmatic-hydrothermal (Au-rich porphyry) source of alluvial and vein gold (Ref: Townley et al, 2003: Geochemistry: Exploration, Environment, Analysis, 3, 29-38)

Stage		Pre-Porphyry	Magmatic Hydrothermal		
			Prograde	Main Stage Sulphide Mineralization	Retrograde
Alteration	Propylitic		████████████████████	████████████████████	
	Argillic		████████████████████		████████████████████
	Advanced Argillic				████████████████████
	Silicification		████████████████████	████████████████████	-----
	Sulphides			████████████████████	-----
	Haematite	████████████████████			████████████████████
Mineral Phase	Quartz/Chalcedony		████████████████████	████████████████████	████████████████████
	Calcite				████████████████████
	Chlorite		████████████████████	-----	-----
	Epidote				████████████████████
	Smectite				-----
	Illite				-----
	Pyrite			████████████████████	████████████████████
	Chalcopyrite			████████████████████	████████████████████
	Marcasite			████████████████████	████████████████████
	Galena			-----	████████████████████
	Kaolin				-----
	Alunite				-----
	Jarosite				████████████████████
	Haematite				████████████████████
	Adularia			-----	

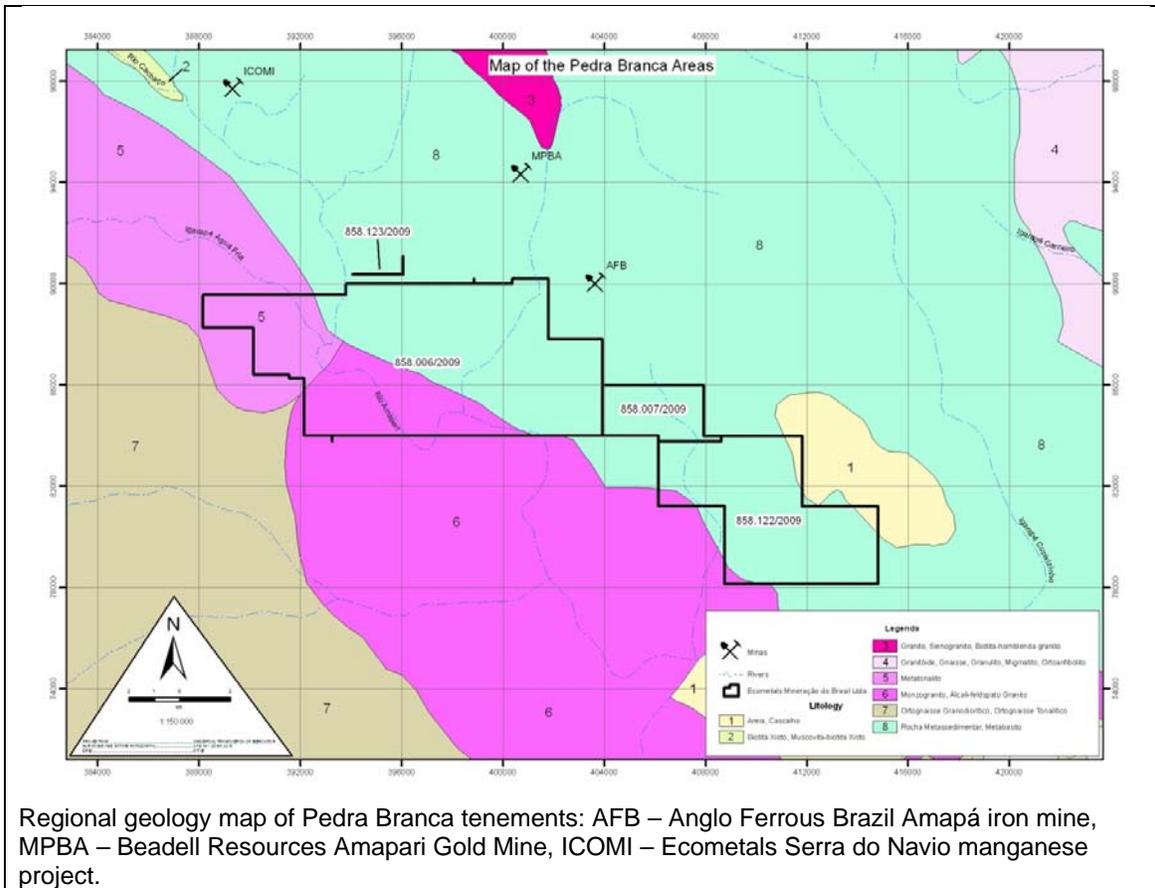
Inferred paragenetic sequence of alteration and mineralisation as encountered within drill core based on field observations.



Sheeted quartz-chlorite veins in weathered granodiorite



MD-2 man-portable diamond drill for shallow testing IP Chargeability and soil geochemical anomalies



Regional geology map of Pedra Branca tenements: AFB – Anglo Ferrous Brazil Amapá iron mine, MPBA – Beadell Resources Amapari Gold Mine, ICOMI – Ecometals Serra do Navio manganese project.