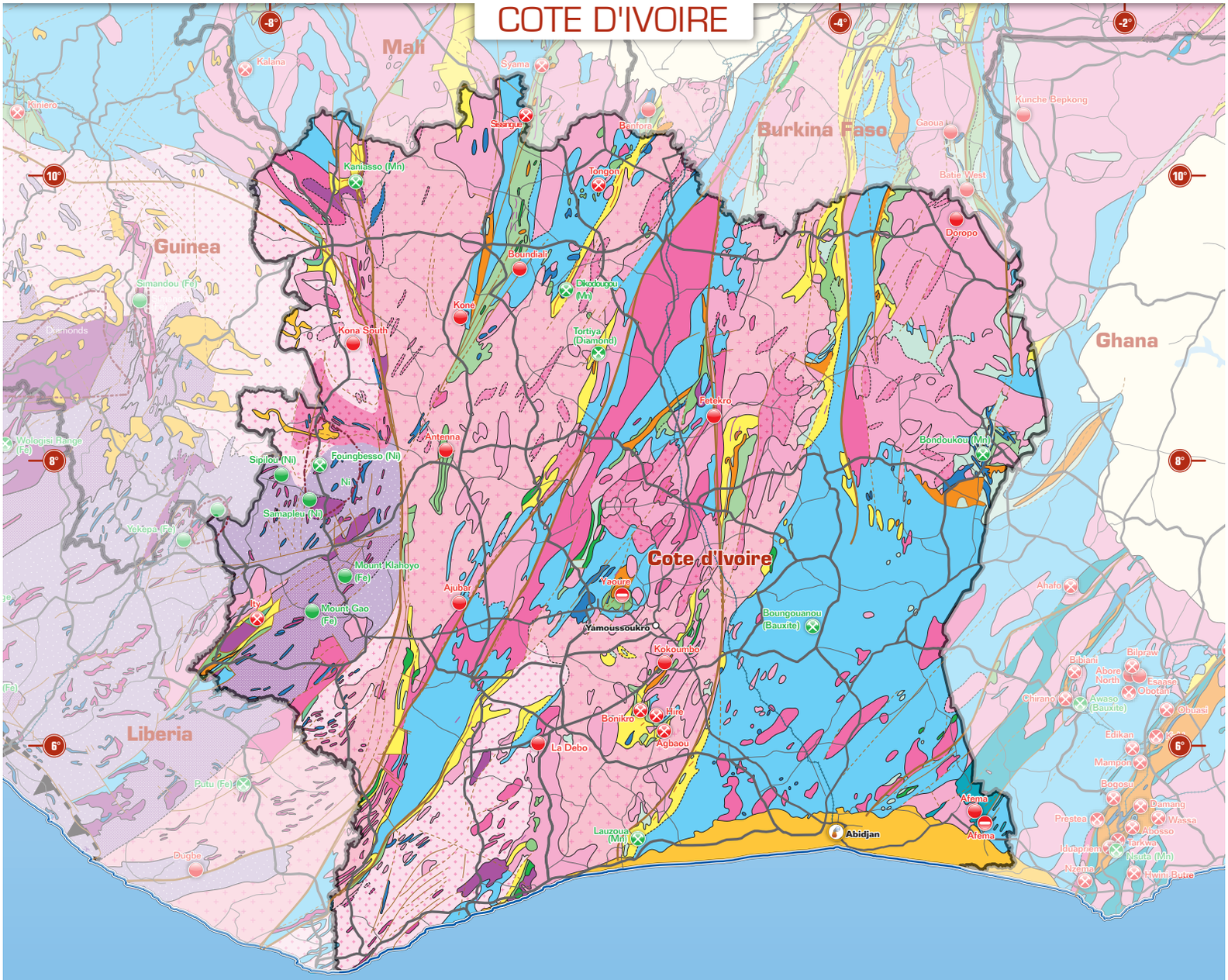
COTE D'IVOIRE



Your feet on the ground in Africa

NORTH

0 50 100 150 KILOMETERS

Geological boundary certain
Geological boundary inferred
Fault certain
Fault inferred
Thrusts

GOLD MINES
Existing
Closed
Gold resources/ projects

OTHER MINERALS
Existing mines
Closed mines
Projects
Mineral fields

Country Borders
Seaside
Roads
Minor roads
Railway
Sems Offices

POST-EBURNEAN ANOROGENIC DOMAINS
- Basic-ultrabasic complexes (Freetown, Guinea)
- Cretaceous to Recent
- Upper Proterozoic to Paleozoic

EBURNEAN OROGENIC DOMAIN

LOWER PROTEROZOIC TERRANES (2.4 - 1.6 Ga.)

Plutonic rocks
- Basic-ultrabasic complexes
- Leucogranite
- Undifferentiated granitoids

Volcanic and fluviodeltaic formations
Lithostructural assemblages (D2 and D3 deformation phases)
- Fluviodeltaic: sandstone, conglomerate, argillite (Tarkwaian)
- Plutonic-volcanic assemblage: minor volcanic rocks
- Undifferentiated volcanics, volcanosedimentary rocks
- Komatiitic to tholeiitic basalts
- Rhyodacitic to rhyolitic volcanic rocks, chert (b), graphitic horizons
- Andesitic volcanic rocks, chert (b), graphitic horizons
- Basic volcanic rocks, chert (b), Mn levels (c)

Flysch-type formations with minor volcanic rocks -
Lithostructural assemblage (D1 to D3 deformation phases)
- Carbonates felsic volcanic rocks
- Felsic volcanoclastic rocks, dykes; chert (b), manganese levels (c)
- Flysch-type : sandstone to argillite (graphitic, conglomeratic levels)

Horizon Markers (B2, B1)
- Tourmaline-bearing sandstone and conglomerate
- Chert and quartzite levels
- Manganses-rich levels: quartzite, gondite, phyllite

ARCHEAN AND/OR PROTEROZOIC GRANITIC GNEISS COMPLEXES DEFORMED BY THE EBURNEAN OROGENESIS
- Granitic, migmatitic and undifferentiated gneiss
- Granitic, migmatitic and undifferentiated gneiss
- Granite, gneiss, and migmatitic gneiss complexes

PRE-EBURNEAN OROGENIC DOMAIN

ARCHEAN - LEONIAN (3.5 - 2.9 GA.) / LIBERIAN (2.9 - 2.5 GA.)

Plutonic rocks
- Undifferentiated plutonic rocks (Leonian to Late-Liberian)

Greenstone belts and ironstone formations
- Ironstone formation (meta-sedimentary, meta-basic rocks associated)
- Basic and ultrabasic formations

Gneissic complexes
- Migmatitic and undifferentiated gneisses
- Granulitic gneiss "basement"

GEOLOGICAL DATA FROM BRGM - LAT/LONG WGS84
Map drafted by Kwaku Owusu-Ansah

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