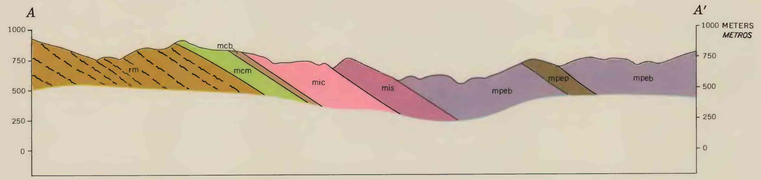
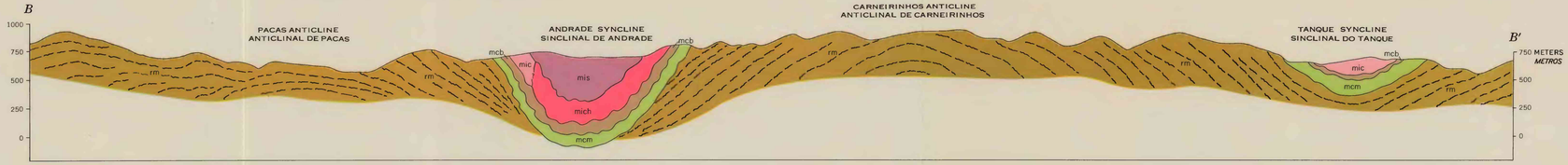
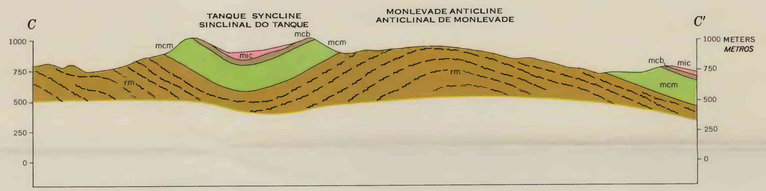
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

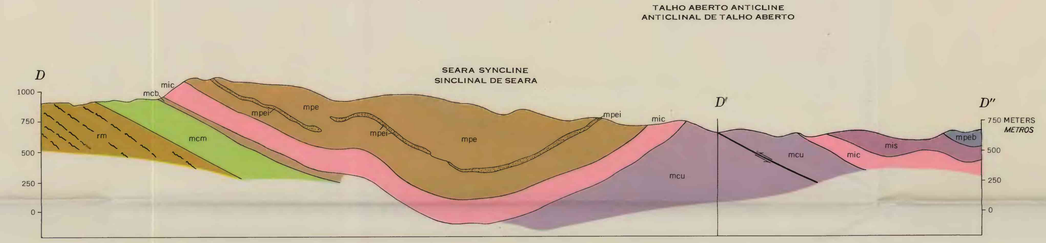
BRASIL—MINISTÉRIO DAS MINAS E ENERGIA
DEPARTAMENTO NACIONAL DA PRODUÇÃO MINERAL

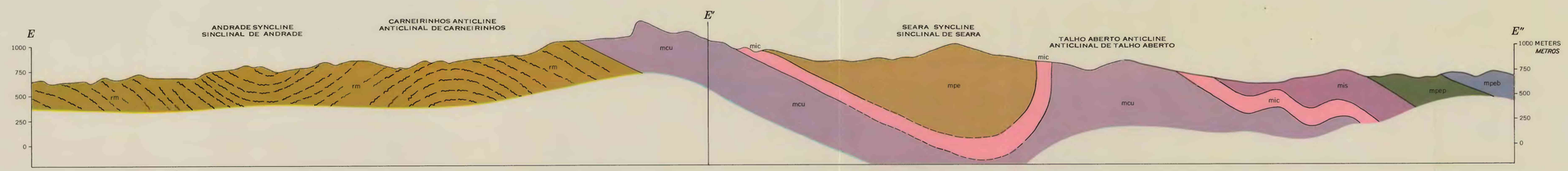
PROFESSIONAL PAPER 341-E
PLATE 3

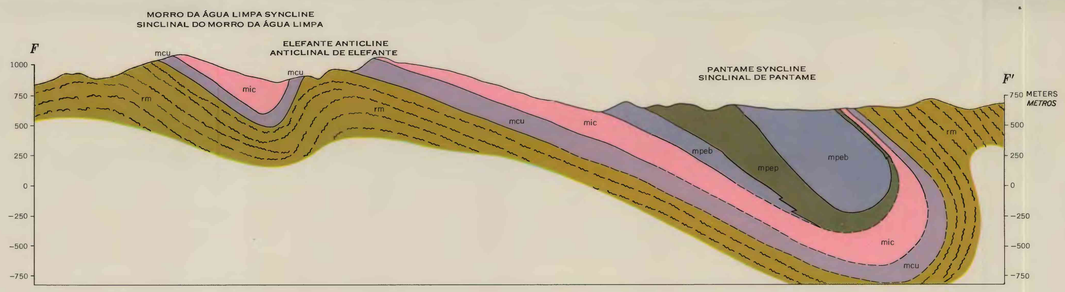


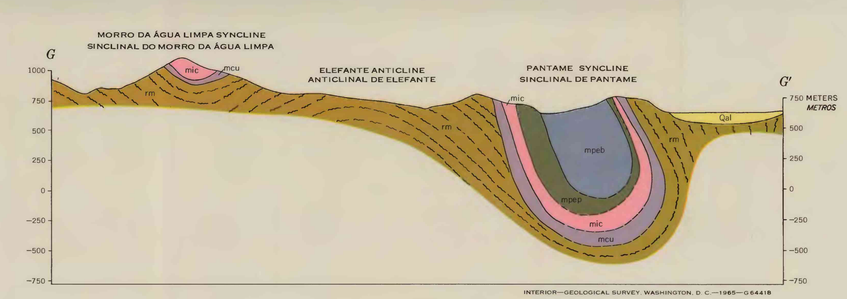












EXPLANATION
CONVENÇÕES

QUATERNARY — *QUATERNÁRIO*

Recent — *Recente*

Qal — Alluvium — *Aluvião*

PRECAMBRIAN — *PRÉ-CAMBRIANO*

METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS
ROCHAS SEDIMENTARES E VULCÂNICAS, METAMORFIZADAS

Pitangueiras Group — *Grupo Pitangueiras*

mpeb, mpe, mpei — Elefante Formation; interlayered quartzite and quartz-muscovite schist, amphibolite, biotite-quartz gneiss and itabirite. Pantame Member, quartzite and quartz-muscovite schist, mpep; Bicas Gneiss Member, biotite-quartz gneiss, mpeb; itabirite, mpei

Formação Elefante; quartzito e quartzo-muscovita xisto, anfibolito, biotita-quartzo gnaisse, e itabirito, interestratificados. Membro Pantame, quartzito e quartzo-muscovita xisto, mpep; *Membro Gnaisse Bicas, biotita-quartzo gnaisse,* mpeb; *itabirito,* mpei

Minas Series — *Série Minas*

Itabira Group — *Grupo Itabira*

mis — Sítio Largo Amphibolite — *Anfibolito Sítio Largo*

mich, mic — Cauê Itabirite; itabirite and thin discontinuous layers of phyllite and schist. Hematite ore, mich

Itabirito Cauê; itabirito e leitos delgados descontínuos de filito e xisto. Minério de hematita, mich

Caraça Group — *Grupo Caraça*

mcb — Batatal Formation; muscovite-quartz schist — *Formação Batatal; muscovita-quartzo-xisto*

mcm — Moeda Formation; quartzite and quartz-muscovite schist — *Formação Moeda; quartzito e quartzo-muscovita-xisto*

mcu — Caraça Group, undifferentiated; quartzite, quartz-muscovite schist, and muscovite-quartz schist — *Grupo Caraça, indiferenciado; quartzito, quartzo-muscovita-xisto, e muscovita-quartzo-xisto*

UNCONFORMITY
DISCORDÂNCIA

Rio das Velhas Series — *Série Rio das Velhas*

rm — Monlevade Gneiss; quartz-biotite gneiss, augen gneiss and minor quartzite, quartz-mica schist, and amphibolite layers — *Gnaisse Monlevade; quartzo-biotita gnaisse facoidal, e camadas secundárias quartzito, quartzo-mica xisto, e anfibolito*

Geology by R. G. Reeves and R. Q. Cobra
Geologia por R. G. Reeves e R. Q. Cobra

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1965—G64418

GEOLOGIC SECTIONS OF THE MONLEVADE AND RIO PIRACICABA QUADRANGLES, MINAS GERAIS, BRAZIL
SEÇÕES GEOLÓGICAS DAS QUADRÍCULAS DE MONLEVADE E RIO PIRACICABA, MINAS GERAIS, BRASIL

SCALE 1:25 000
ESCALA 1:25 000

2500 0 2500 5000 7500 FEET
PÉS
1000 0 1000 2000 METERS
METROS

CONTOUR INTERVAL 10 METERS
CURVAS DE NÍVEL DE 10 EM 10 METROS
DATUM IS MEAN SEA LEVEL
PLANO DE REFERÊNCIA—NÍVEL MÉDIO DO MAR

MAP PREPARED UNDER THE AUSPICES OF THE UNITED STATES—BRAZIL TECHNICAL COOPERATION PROGRAM
MAPA PREPARADO SOB OS AUSPÍCIOS DO PROGRAMA DE COOPERAÇÃO TÉCNICA, BRASIL—ESTADOS UNIDOS