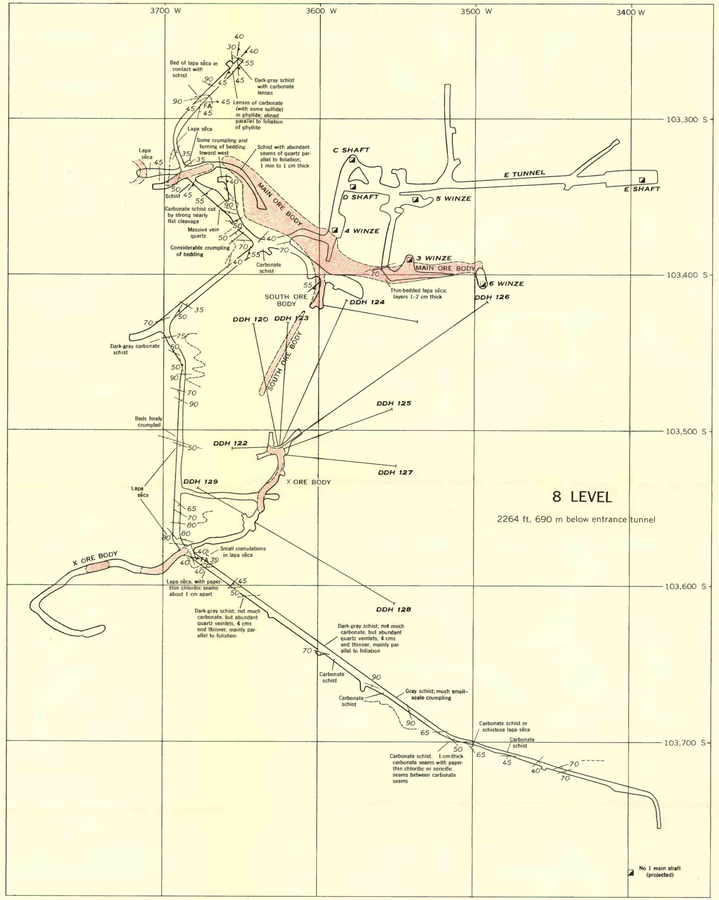
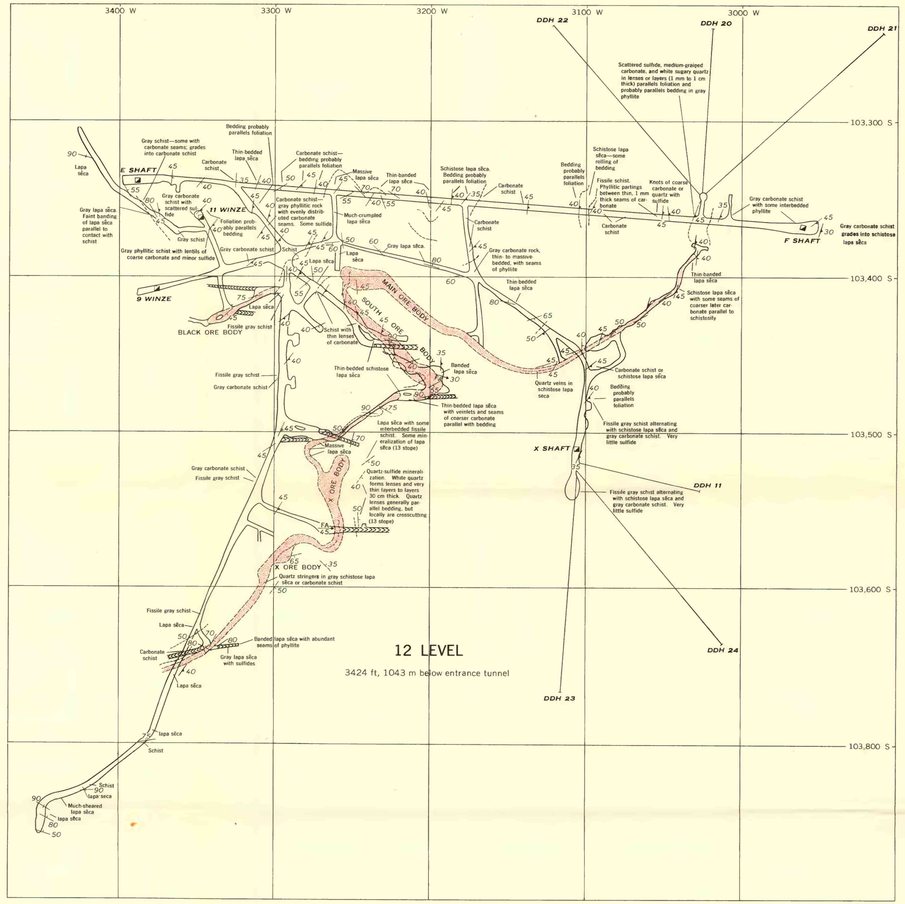
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 341-A
PLATE 6



Mine maps by Survey Department,
St John Del Rey Mine Company



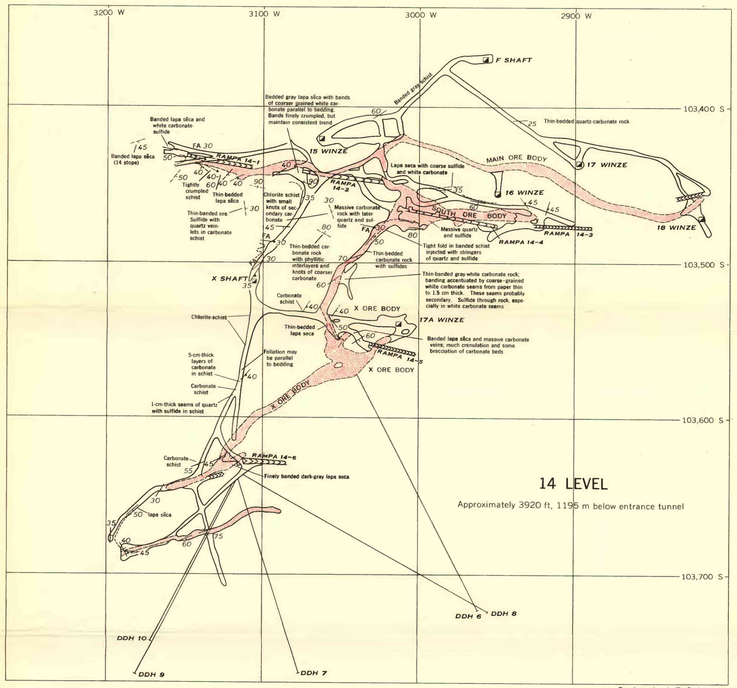
GEOLOGIC MAPS OF 8, 12, AND 14 LEVELS, MORRO VELHO MINE, NOVA LIMA, BRAZIL

SCALE 1:2000

40 0 60 METERS

100 0 200 FEET

MAP PREPARED UNDER THE AUSPICES OF THE UNITED STATES–BRAZIL TECHNICAL COOPERATION PROGRAM: POINT FOUR



Geology by J. E. Gair, 1956

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1962

EXPLANATION

35 — Strike and dip of beds

90 — Strike of vertical beds

30 — Strike and dip of beds
Projected vertically to level of map from stope above level (14 level) or from stope below level (12 level)

90 — Strike of vertical beds
Projected vertically to level of map

45 — Strike and dip of foliation

FA 30 — Strike and plunge of fold axis

Inferred structural trends based on observations in quartz- carbonate rock (lapa séca)

90 — Approximate limit of ore
Stoped in places, many stopes back-filled

Mine workings

Rampa or inclined workings
Chevrons point down

Shaft or winze

DDH 8 — Diamond-drill hole