



MAP OF BRASIL

SCALE 1:10 000 000
 100 0 200 300 400 500 KILOMETERS
 100 0 100 200 300 400 500 MILES

Base from CNG maps of Brasil, scale 1:5 000 000
 Geology based on CNPM geologic map of Brasil, 1964

EXPLANATION

- Q Recent and Pleistocene
- T Tertiary
- K Cretaceous
- JT Jurassic-Triassic
- Mz Mesozoic
- P Permian, Carboniferous
- DSOC Devonian, Silurian, and Cambro-Ordovician
- pC Precambrian
- epa Extrusive acids, Plutonic acids, syenites, and alkalis
- eb Extrusive basalts

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EXPLANATION

Location and ages of the alkalic intrusives of the Parana Basin (see Table I for locality names).

- | Location symbol | Age in millions of years |
|---|--|
| E | 45-90 m.y. |
| ● | 90-115 m.y. |
| S | 115-140 m.y. |
| ▨ | Area of Parana Basin basaltic flows 130-140 m.y. |

Figure 1.- Distribution of alkalic intrusives and basaltic flows in the Parana Basin of South Brazil