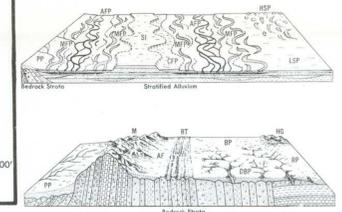


MAP NO. 1  
KARACHI  
35 L - P  
LANDFORMS

- S1 Scalloped Interfluvium
- CFP Cover Flood Plain
- MFP Meander Flood Plain
- AFP Active Flood Plain
- DFP Deltaic Flood Plain
- CR Channel — Levee Remnant
- BP Basin Plain
- DBP Dissected Basin Plain
- LSP Level Sand Plain
- RSP Rolling Sand Plain
- PP Piedmont Plain
- RP Weathered Bedrock Plain
- HG Hilly Gravel Upland
- RT Ridge-and-Trough Upland
- DF Desert Fringe
- HSP Hilly Sand Plain
- AF Alluvial Fan
- TD Tidal Delta
- M or R Mountain or Exposed Bedrock
- E Severely Eroded Land



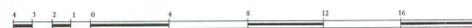
DIAGRAMS OF LANDFORMS

## LANDFORMS AND SOILS

### WEST PAKISTAN

PUBLISHED FOR THE GOVERNMENT OF PAKISTAN  
BY THE GOVERNMENT OF CANADA

SCALE 1:253,440  
Four Miles to One Inch



Base map compiled from aerial photographs and Survey of Pakistan quarter inch topographic maps.

A COLOMBO PLAN CO-OPERATIVE PROJECT

### SOIL LEGEND

- STRATIGRAPHY (0 to 4 feet)
- A Profiles consisting of coarse to moderately coarse materials
  - B Profiles consisting of medium to moderately fine materials
  - C Profiles consisting of fine materials
  - D Profiles consisting of layers of coarse to moderately coarse and layers of medium to moderately fine materials
  - E Profiles consisting of layers of coarse to moderately coarse and layers of fine materials
  - F Profiles consisting of layers of medium to moderately fine and layers of fine materials
  - G Profiles consisting of layers of coarse to moderately coarse and medium to moderately fine and fine materials

- FIELD TEXTURAL CLASS (Surface Materials)
- 1 COARSE MATERIALS
  - 2 MODERATELY COARSE MATERIALS
  - 3 MEDIUM MATERIALS
  - 4 MODERATELY FINE MATERIALS
  - 5 FINE MATERIALS

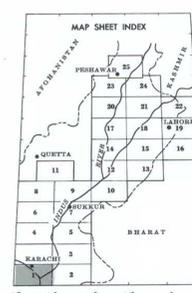
### EXAMPLE OF THE CONSTRUCTION OF A SOIL PROFILE



The entire symbol represents a soil complex. MFP denotes that the landform is Meander Flood Plain. B34D2 represents the Soil Association. The position of B34 at the beginning of the symbol indicates that B profiles having medium to moderately fine materials are predominant and that class 3 is more common than class 4 as a surface material. Of lesser areal importance are D profiles in which layers of coarse to moderately coarse materials are interbedded with layers of medium to moderately fine materials with class 2 materials at the surface.

MAP NO. 1  
KARACHI

Lithographed by the Surveys and Mapping Branch,  
Department of Mines and Technical Surveys,  
Ottawa, Canada, 1956.



- REFERENCE
- Road
  - Railway
  - Bund, Embankment
  - Boundaries
  - International
  - Provincial or State
  - District
  - River
  - Lake
  - Canal
  - Sand Bar
  - City, Town, Village
  - District, Tehsil, Taluka H. Q.
  - Other towns or villages

- PHASES
- Severely saline land
  - Severely saline spots
  - Surface stones or gravel
  - Severe gully erosion
  - Predominantly poorly drained and waterlogged area
  - Poor drainage, Severe waterlogging Marsh, Swamp
  - Canal showing evidence of seepage
  - Sand dunes
  - Rock outcrop

- 
- 
- 
- 
- 
- 
- 
- 
-