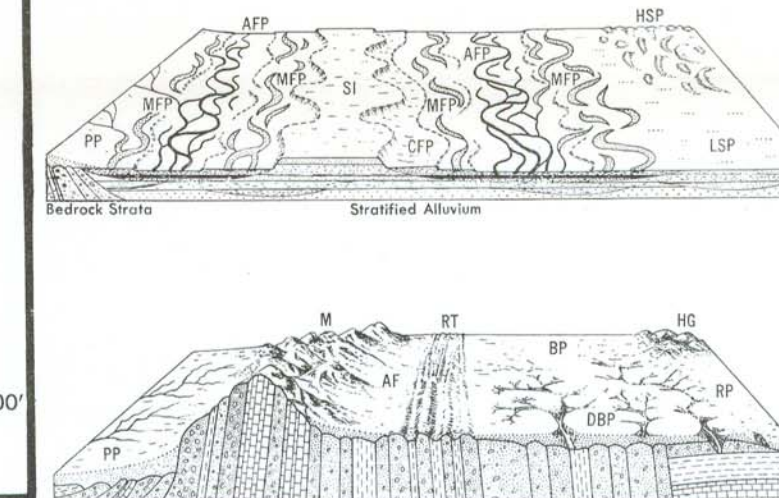


MAP NO. 1
KARACHI
35 L - P
LANDFORMS

- | | |
|--------|-----------------------------|
| SI | 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 |



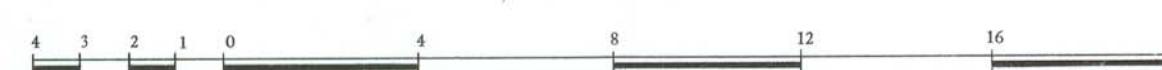
DIAGRAMS OF LANDFORMS

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

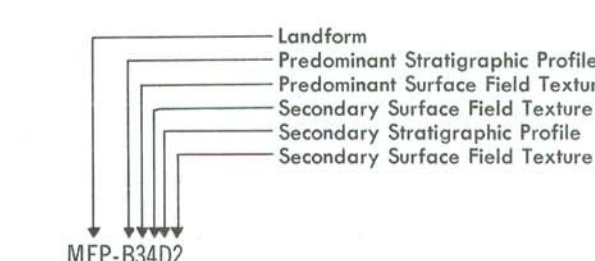


Base map compiled from aerial photographs and Survey of Pakistan quarter inch topographic maps.
A COLOMBO PLAN CO-OPERATIVE PROJECT

SOIL LEGEND

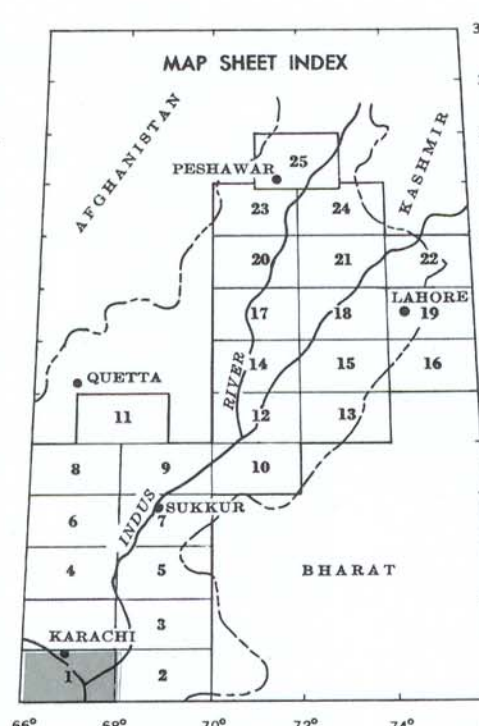
- | STRATIGRAPHY
(0 to 4 feet) | FIELD TEXTURAL CLASS
(Surface Materials) |
|--|---|
| A Profiles consisting of coarse to moderately coarse materials | 1 COARSE MATERIALS |
| B Profiles consisting of medium to moderately fine materials | 2 MODERATELY COARSE MATERIALS |
| C Profiles consisting of fine materials | 3 MEDIUM MATERIALS |
| D Profiles consisting of layers of coarse to moderately coarse and layers of medium to moderately fine materials | 4 MODERATELY FINE MATERIALS |
| E Profiles consisting of layers of coarse to moderately coarse and layers of fine materials | 5 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 | |

EXAMPLE OF THE CONSTRUCTION OF A SOIL SYMBOL



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



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 | — |