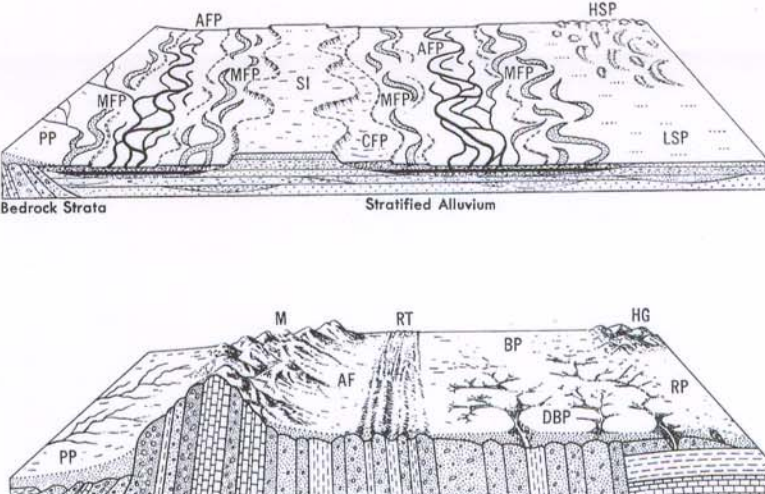


MAP NO. 17  
DERA ISMAIL KHAN  
39 I - M

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

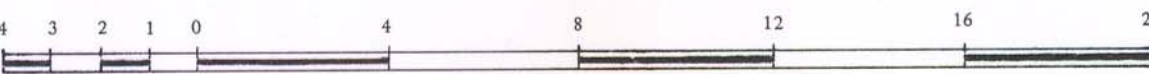
LANDFORMS AND SOILS

WEST PAKISTAN

PUBLISHED FOR THE GOVERNMENT OF PAKISTAN  
BY THE GOVERNMENT OF CANADA

SCALE 1:253,440

Four Miles to One Inch



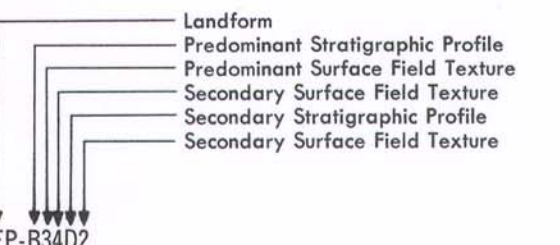
Base map compiled from aerial photographs and Survey of Pakistan quarter inch topographic maps.

A COLOMBO PLAN CO-OPERATIVE PROJECT

SOIL LEGEND

- | STRATIGRAPHY<br>(0 to 4 feet)  | FIELD TEXTURAL CLASS<br>(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  |   |

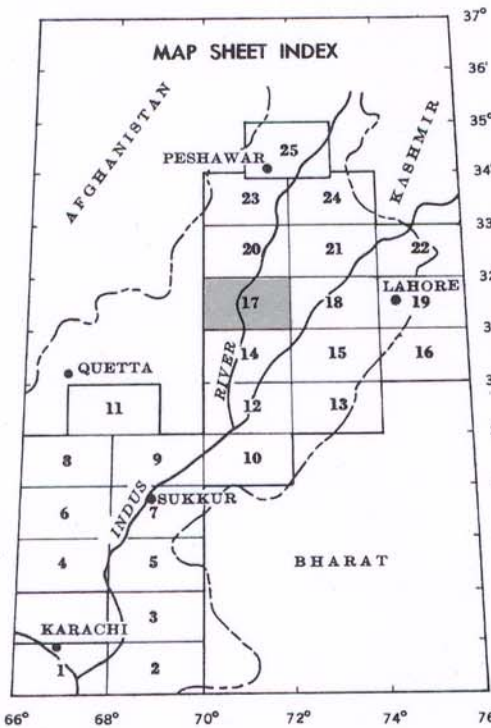
EXAMPLE OF THE CONSTRUCTION OF A SOIL SYMBOL



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. 17  
DERA ISMAIL KHAN

Lithographed by the Survey 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. O.
- 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

