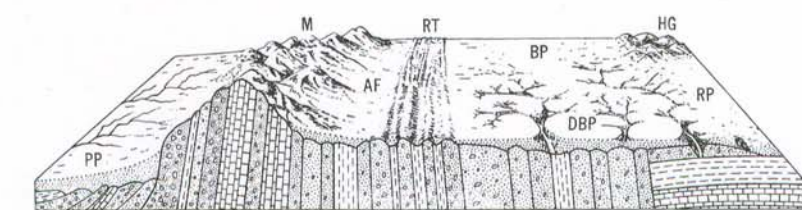
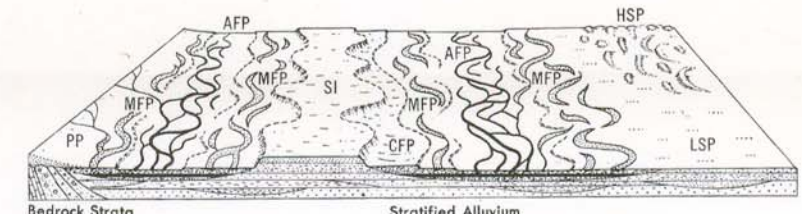


MAP NO. 12
BAHAWALPUR
39 K - O

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

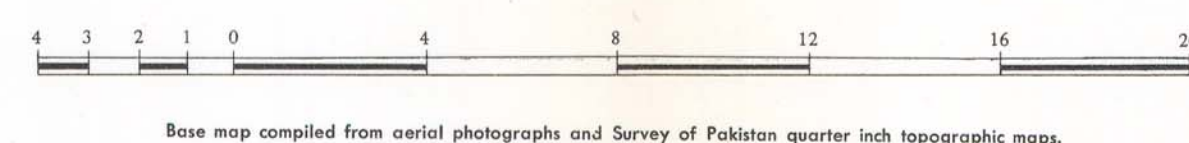


DIAGRAMS OF LANDFORMS

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



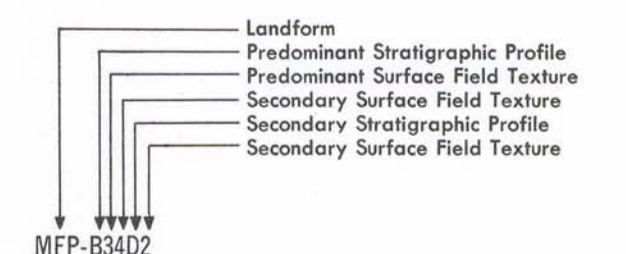
A COLOMBO PLAN CO-OPERATIVE PROJECT

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

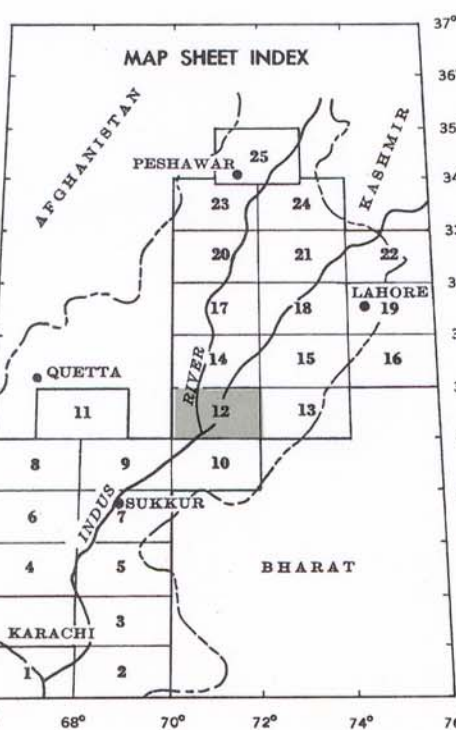
EXAMPLE OF THE CONSTRUCTION OF A SOIL SYMBOL



The entire symbol represents a soil complex. MFP denotes that the landform is Meander Flood Plain. B3402 represents the Soil Association. The position of B34 at the beginning of the symbol indicates that 8 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. 12
BAHAWALPUR

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, Tahsil, 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

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