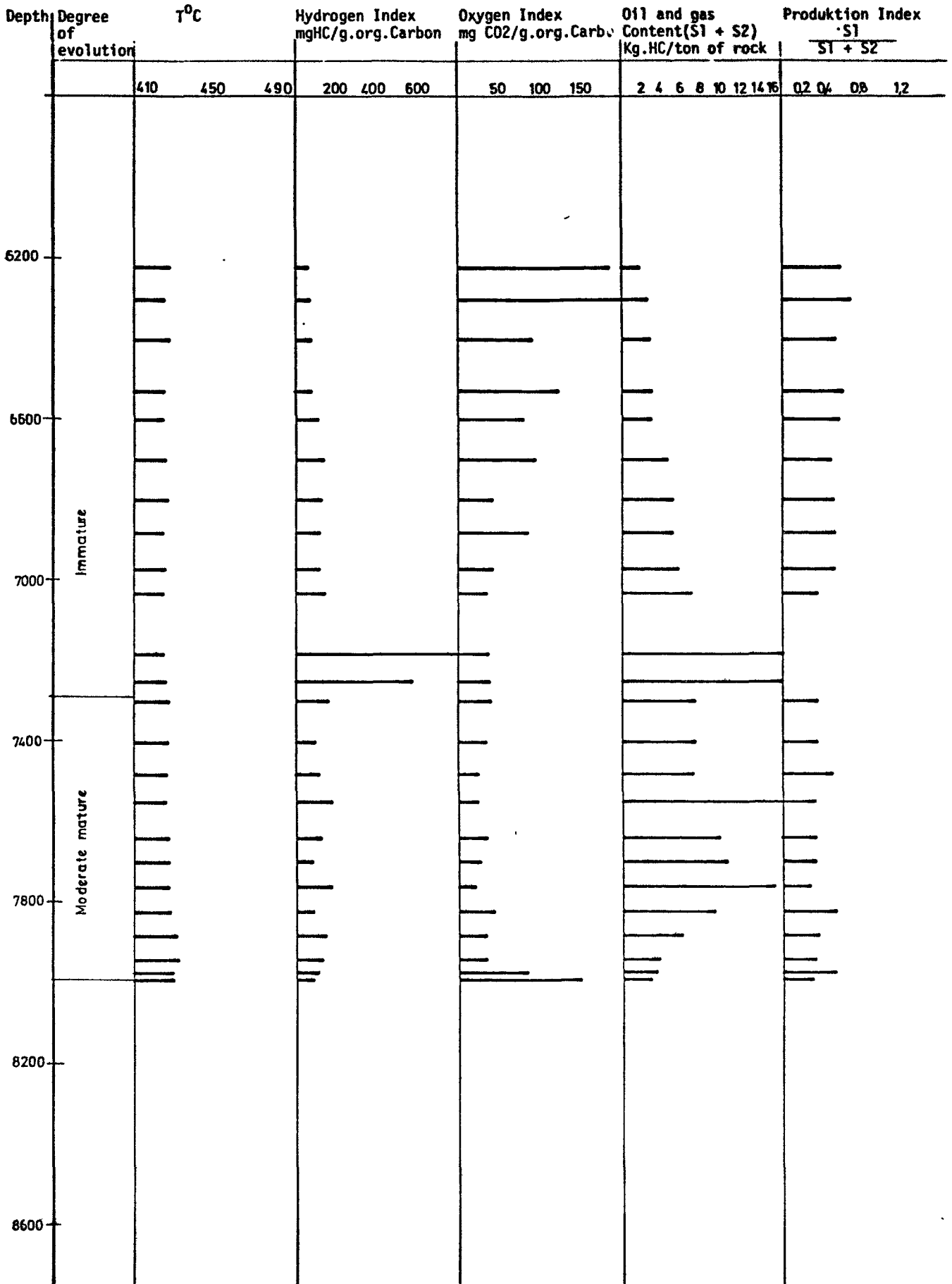
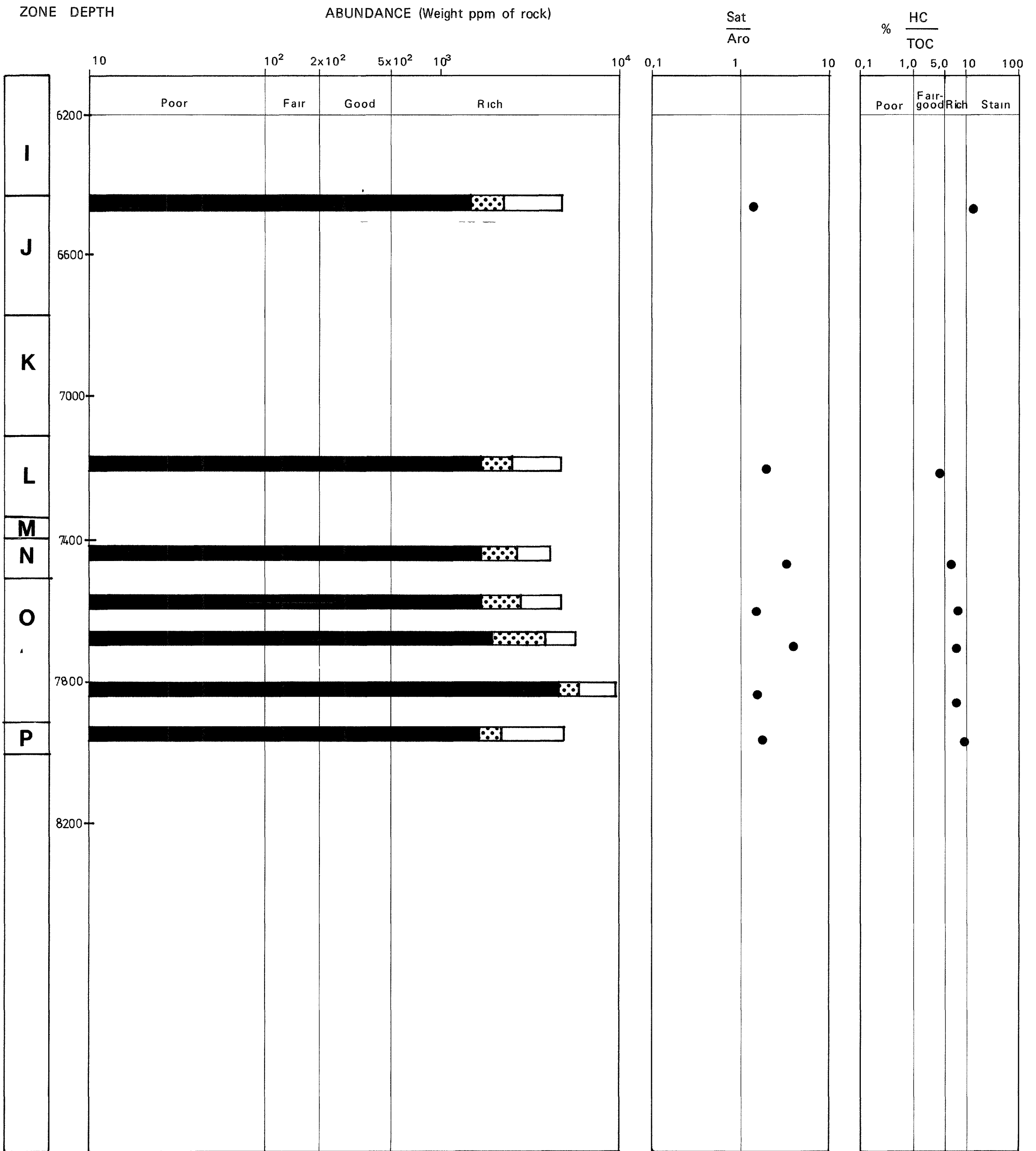


ROCK EVAL PYROLYSIS



C₁₅⁺HYDROCARBONS
Presentation of Analytical Data

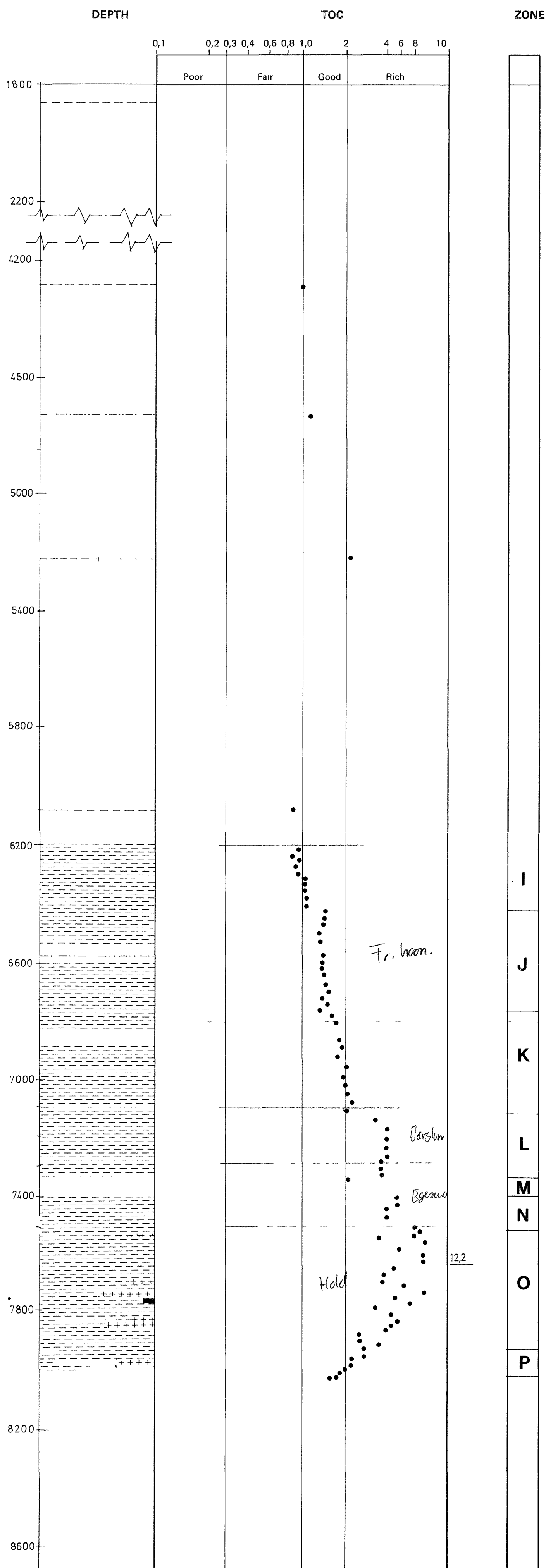



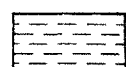

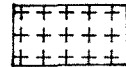

Sat. Aro. NSO Asp

Sat Saturated Hydrocarbons
 Aro Aromatic Hydrocarbons
 NSO Nitrogen, Sulphur and Oxygen containing compounds

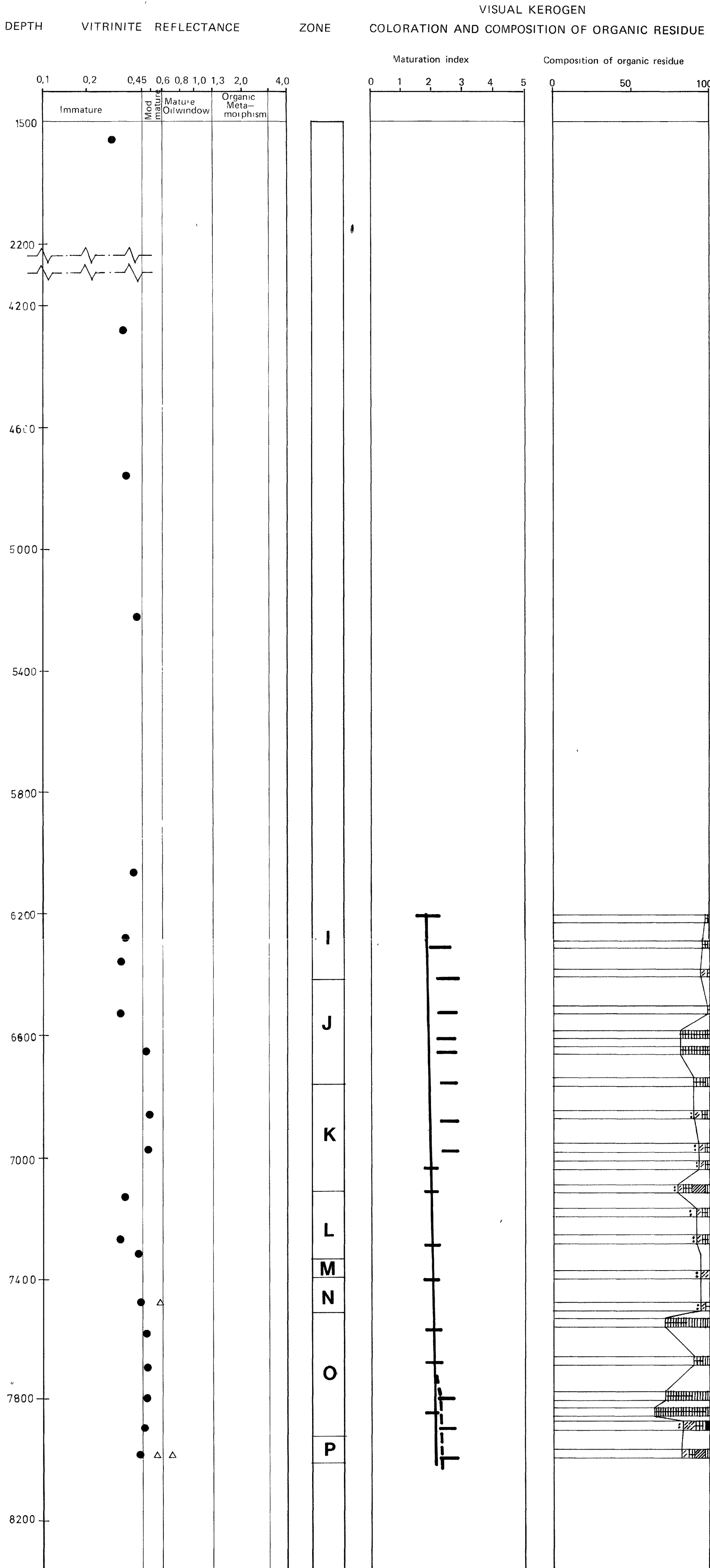
Asp. Asphaltenes
 HC. C₁₅ Hydrocarbons
 TOC. Total Organic Carbon

TOTAL ORGANIC CARBON (TOC)
Presentation of Analytical Data



-  Sandstone
-  Claystone
-  Siltstone
-  Salt
-  Coal

MATURATION



● True vitrinite
 △ Reworked

Amorphous material, Sapropel

Algal

Spores and pollen

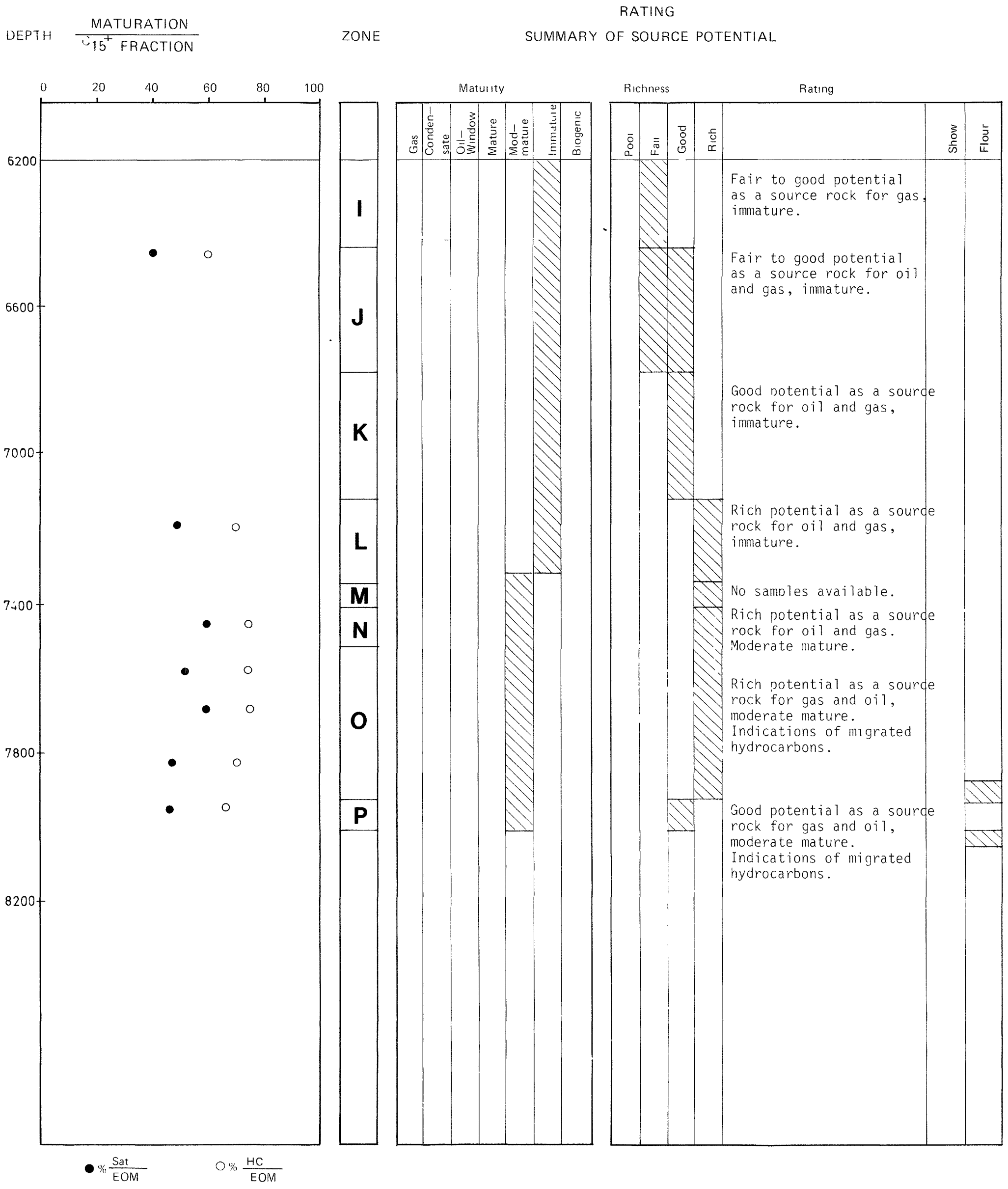
Cuticles

Wood remains

Undifferentiated disperse herbaceous material

Black coal fragments

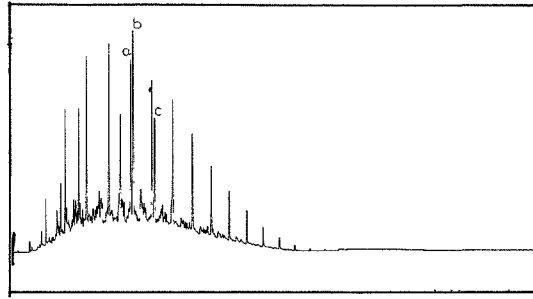
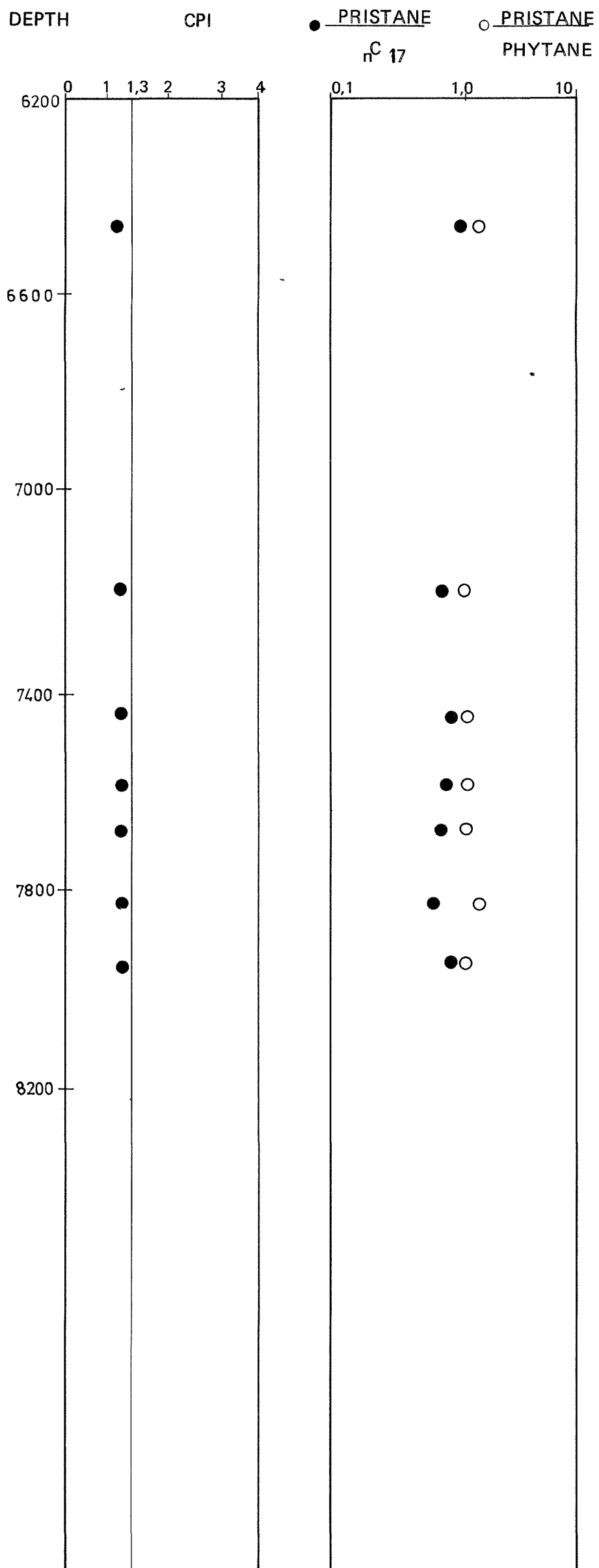
INTERPRETATION DIAGRAM



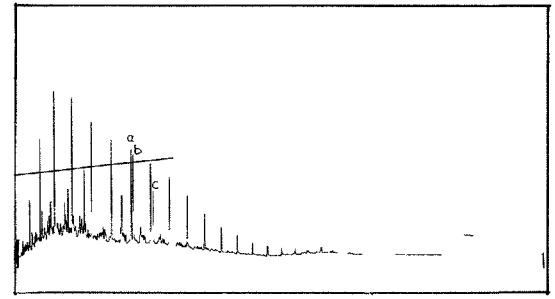
● % $\frac{\text{Sat}}{\text{EOM}}$ ○ % $\frac{\text{HC}}{\text{EOM}}$

Sat Saturated Hydrocarbons
 HC Hydrocarbons
 EOM Extractable Organic Matter

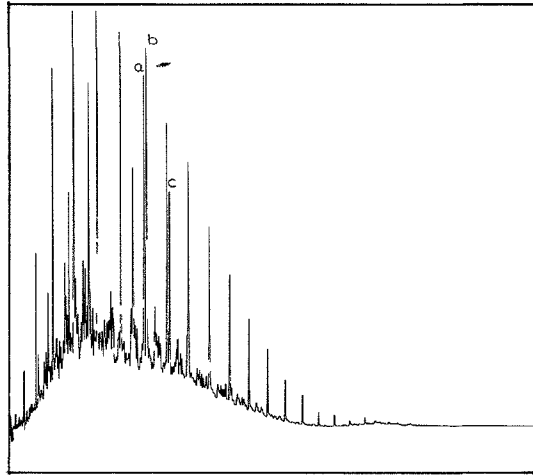
C₁₅⁺ SATURATED HYDROCARBONS



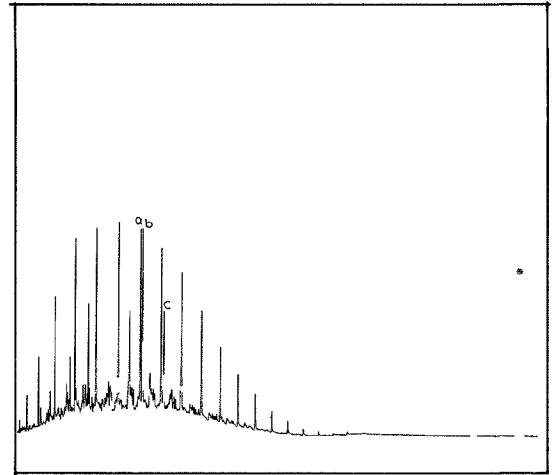
6400 - 6500



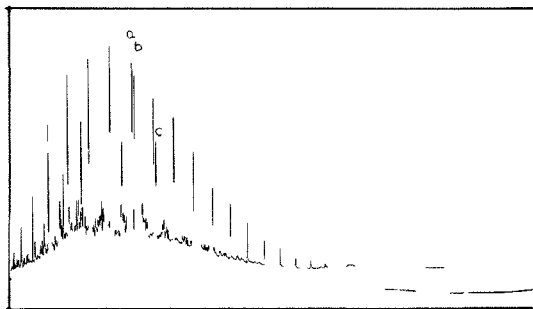
7150 - 7225



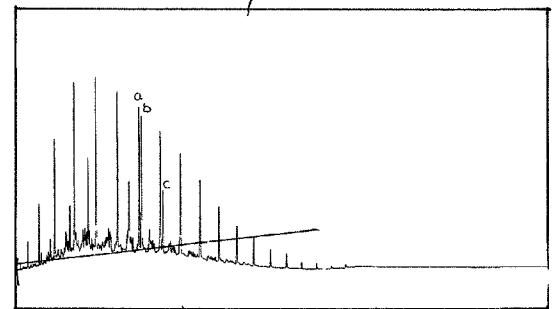
7400 - 7425



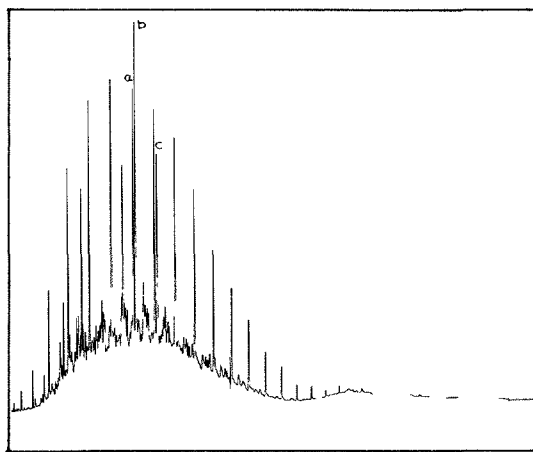
7540 - 7575



7660 - 7680



7800 - 7820



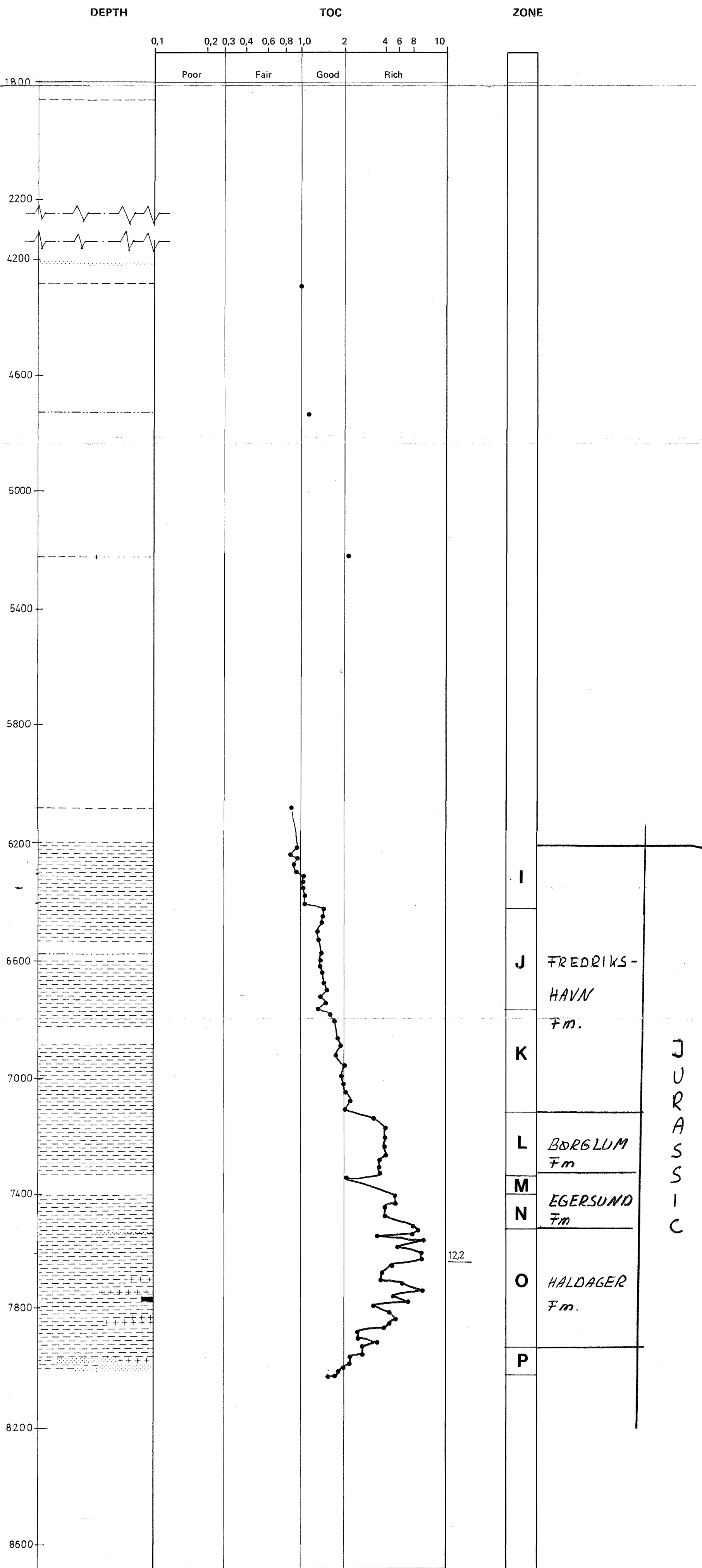
7900 - 7930



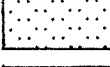
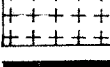

a = nC₁₇

b = Pristane

c = Phytane

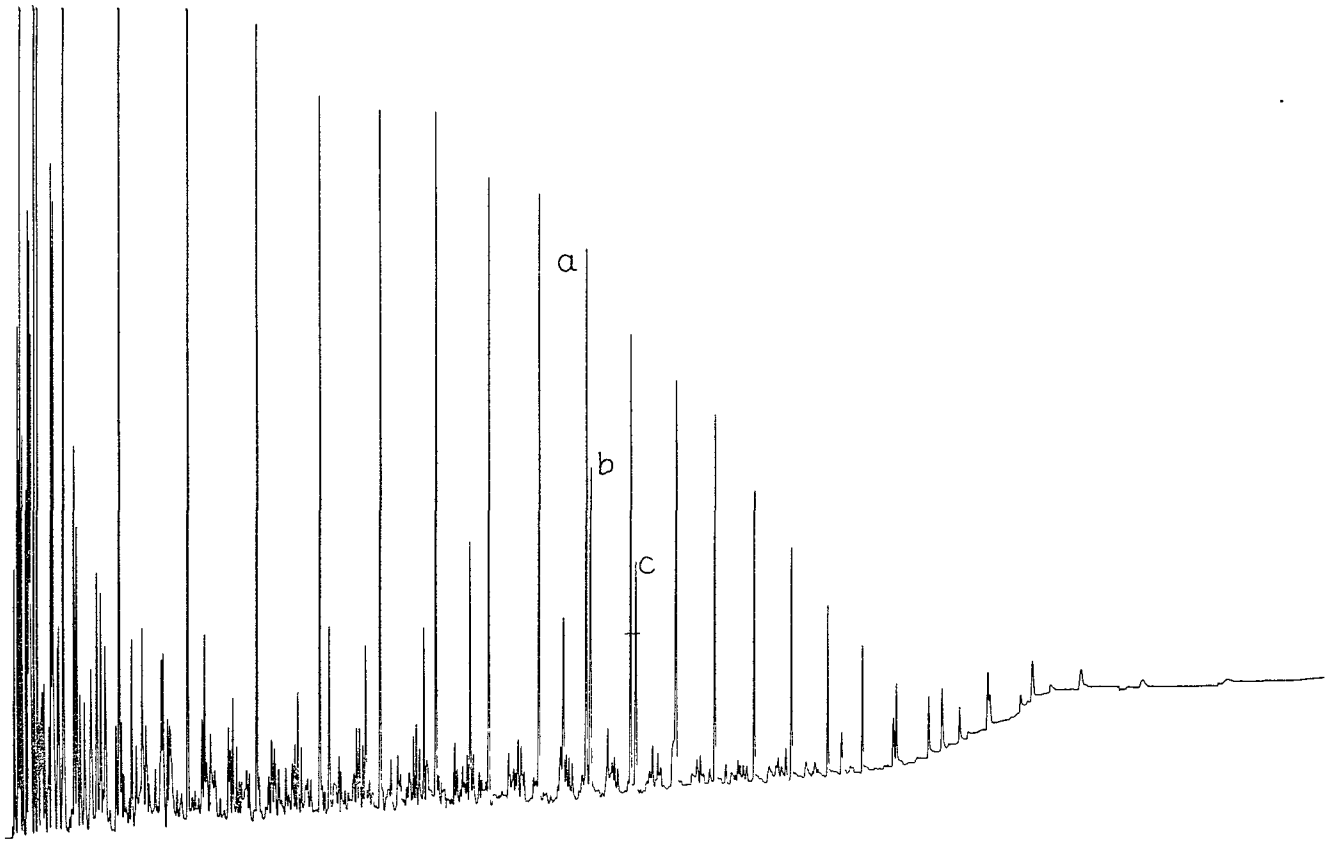
TOTAL ORGANIC CARBON (TOC)
Presentation of Analytical Data



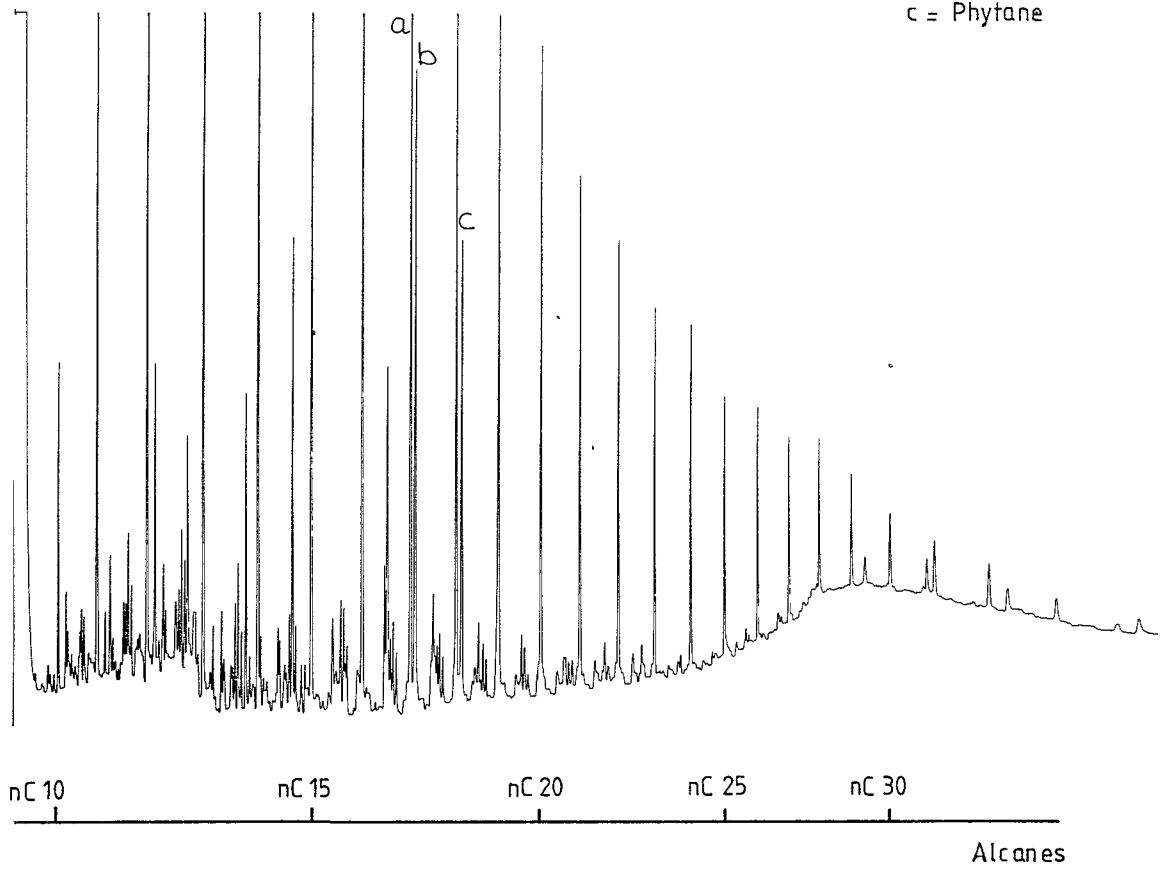
-  Sandstone
-  Claystone
-  Siltstone
-  Salt
-  Coal

JURASSIC

12,2



a = nC 17
 b = Pristane
 c = Phytane



Gaschromatograms of whole oil, and saturated fraction of well 17/12 - 1