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MATURITY ANALYSIS ON COAL SAMPLES FROM
CORES FROM WELL 30/6-5 , NORWAY

by

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code : 774.103

Investigation

9.12.523

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I INTRODUCTION

Maturity measurements on coal samples from cores from well 30/6-5 have been carried out.

The carbonisation of strata can be expressed in terms of percentage reflectance of vitrinite.

It is determined by measurement of the reflectance of polished telocollinite particles.

Often telocollinite is not present and telinite or desmocollinite was used to estimate the degree of carbonisation.

II RESULTS AND DISCUSSION.

The results are listed in Table I.
For sample 2874 m, for which it was possible to carry out a reasonable number of measurements, a reflectance histogram is shown in Figure 1a.

Sample 2847.4 m contains few particles of desmocollinite, which show a $\bar{V}R$ -value of 0.73.
Sample 2849.2 m contains few desmocollinite particles only.

No VR could be measured in this sample.

Sample 2874.6 m contains abundant telinite with a VR-value of 0.76 (see Fig. 1-).

VITRINITE REFLECTANCE

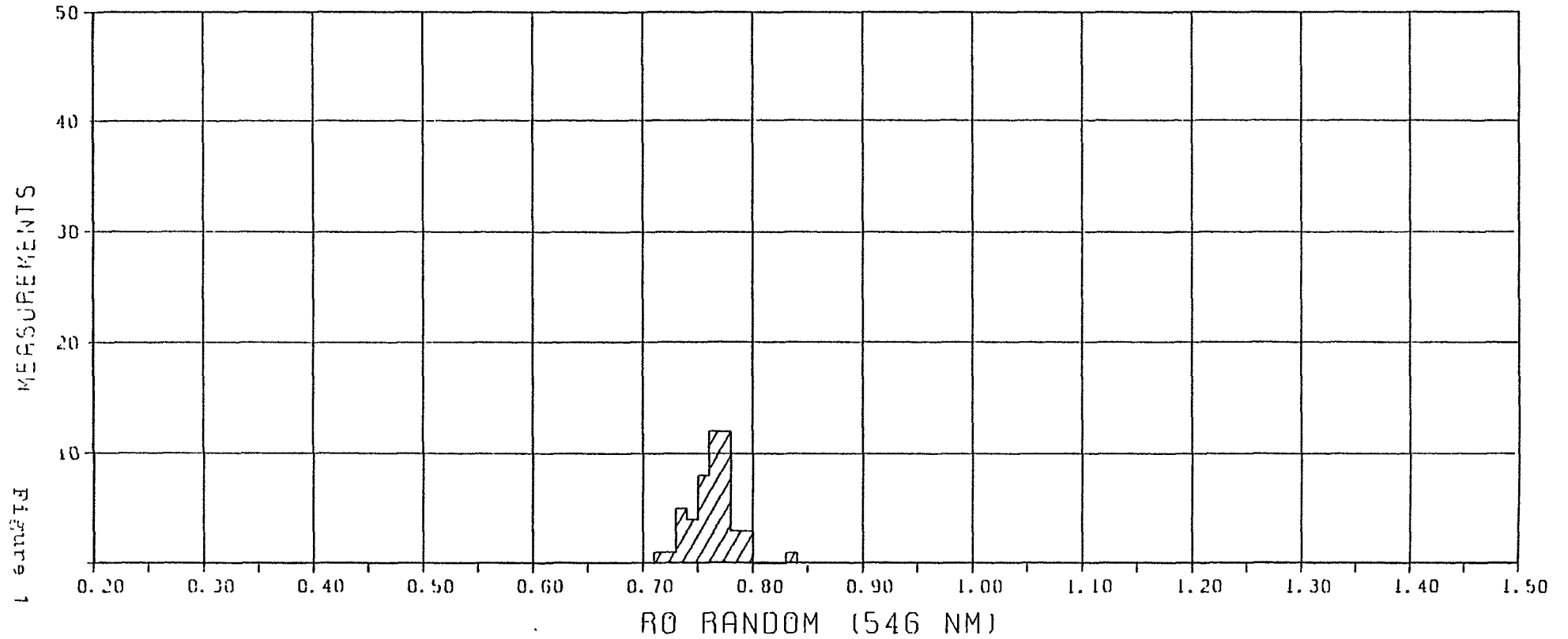
COUNTRY : NORWAY
WELL/OUTCROP : 30/6-5
DEPTH/SAMPLE NR. : 2874 M
SAMPLE TYPE : CORE SAMPLE

MEAN : 0.76
DEVIATION : 0.02
MODE : MULT1
MEASUREMENTS : 50

TELINITE MEASURED

ANALYST: HDY

D. O. - 22-JUN-82



MEASUREMENTS
Figure 1

VITRINITE REFLECTANCE HISTOGRAM

DATA ON VITRINITE

sample 2847.4 m : Few desmocolinite
VR desmocolinite \pm 0.78
2849.2 m : Few desmocolinite
particles
2374.6 m : Abundant telinite
Fluorescent telinite
Mean reflectance telinite VR 0.76
See Fig.1 . (n:50)

TABLE I

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