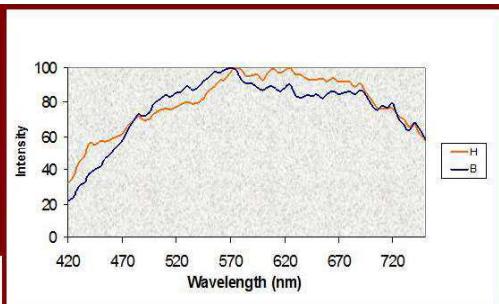
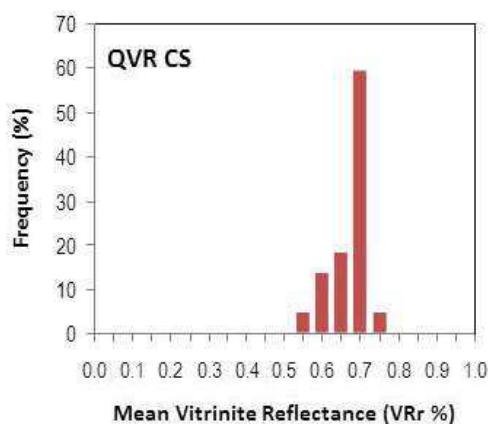


# Sample Analyzed for DOMVR in the Commission II of the ICCP



Insert a microscopy image of the sample with graphic scale



Insert the distribution of vitrinite reflectance means

## Sample Information

Code:	TI-CS	Year of Analysis:	2005-06
Type of Sample:	Quarry/Mine		
Location and/or Fm.:	Asturias Central Coal Basin. Montsacro mine		
Country:	Spain	Age (Period):	Pennsylvanian
Dep. Environment:	Terrestrial		
Coordinates Long.	Coordinates Lat.		

ICCP WG: Thermal Indices. Also used in the Qualifying Vitrinite for Reflectance analysis

Convenor: Carla Viviane Araujo E-mail: carla@petrobras.com.br

## Exercise Information

Report:	Araujo 2005	Participants N:	13
Group Mean (VRr%)	0.70	Group Stdv.:	0.046
Averaged Unsigned Multiple Stdv.:	0.71		
Coef. of Variation:	6.5	Scattering Index:	0.30

## Other data Available

- Chemical Analysis
- Rock Eval
- Spectral Fluorescence
- Macerals
- Geochemistry
- Images available
- Others (indicate in comments)

Comments:

General good correlation among chemical and microscopic maturity parameters for the Asturias CS sample. Others comprises VIRF. The results of vitrinite reflectance measurements are from results of QVR WG. See Borrego 2006

# Sample Analyzed for DOMVR in the Commission II of the ICCP

## LEGEND

**Code:** refers to the sample code as distributed for the round robin exercises

**ICCP WG:** name of the WG in which the exercise was run

**Microscopy images:** Please indicate in the image as much information as possible regarding illumination conditions and identification of components. If you use fluorescence and white light images. Insert them as a single image.

**Histogram with reflectance readings:** Please build up an histogram with the individual vitrinite reflectance means reported by participants to represent the scatter of the readings in the exercise

**Report:** indicate the name of the report in which the results of this sample are available as recorded in the webpage (i.e. Bostick 1982; Borrego 2006, etc...)

**Participants N:** number of results included in the exercise

**Group mean (VR<sub>r</sub> %):** refers to the group mean resulting of averaging the individual mean reflectance values reported by participants.

**Group Stdv:** refers to the group standard deviation resulting from the individual mean reflectance values reported by participants.

**Averaged Unsigned Multiple Stdv.:** refers to the Average value of the individual Unsigned Multiple of the Standard Deviations, calculated for each participant against the group mean and group standard deviation data. This statistical is used in the ICCP Accreditation Programms to assess the precision of the participants. Average Unsigned Multiple Stdv.=Summa(absolute value [participant VR<sub>r</sub>-Group Mean]/Group Stdv.])

**Coefficient of Variation:** allows comparing the dispersion of results regardless the value of the mean. Coefficient of variation=Group Stdv \*100/ Group Mean.

**Scattering Index:** allows an estimation of the reliability of the values based on the Coefficient of Variation and the number of participants. Scattering Index=Coefficient of Variation/N of participants

**Comments:** Please indicate whatever information you consider relevant. Information to include is: objectives of the working group, indication about fluorescence properties, abundance of vitrinite particles to be measured, difficulties in sample preparation or polishing, possibility of suppressed values, the main conclusions about the characterization of the samples.