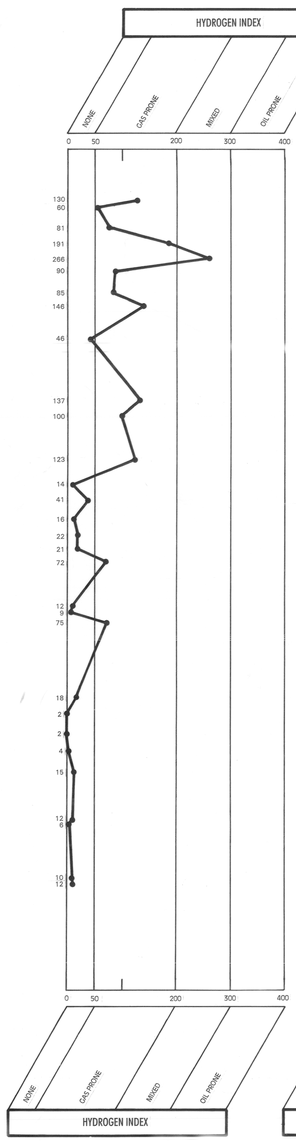
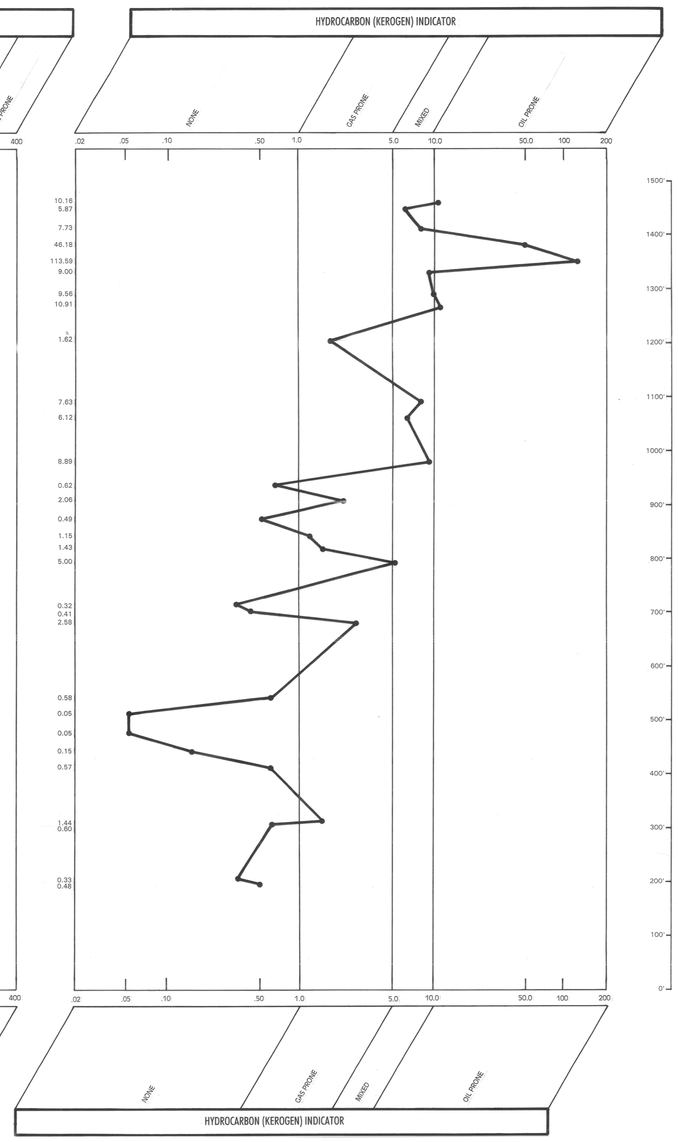
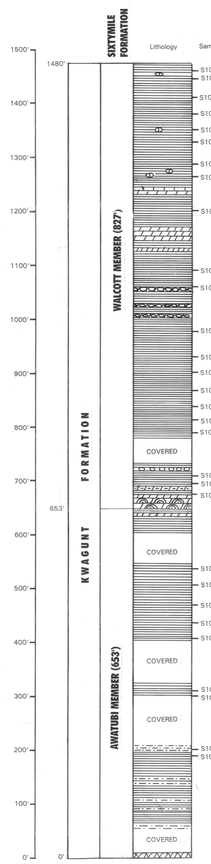
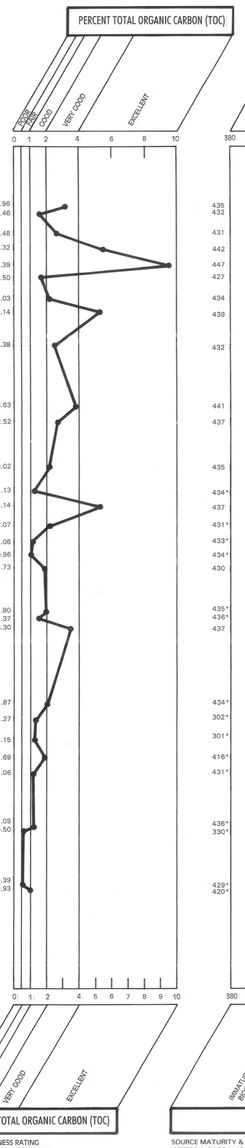
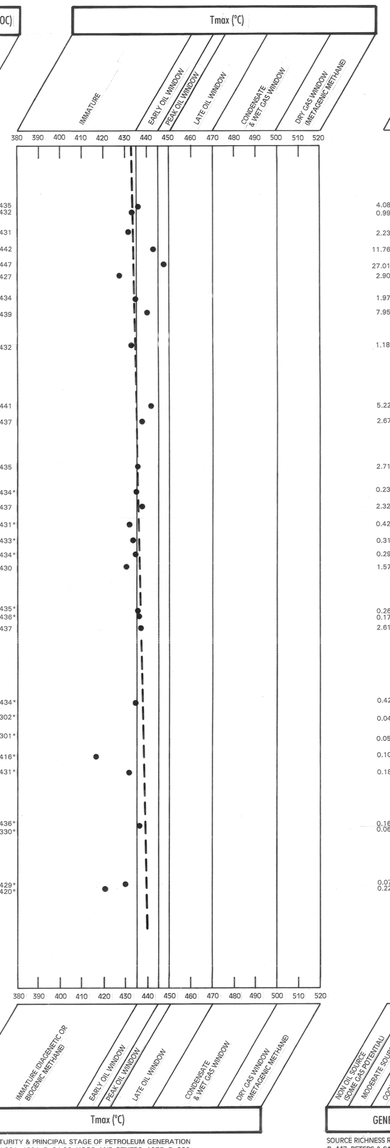
Arizona Geological Survey
Open-File Report 02-01
Plate 1 of 1, with text

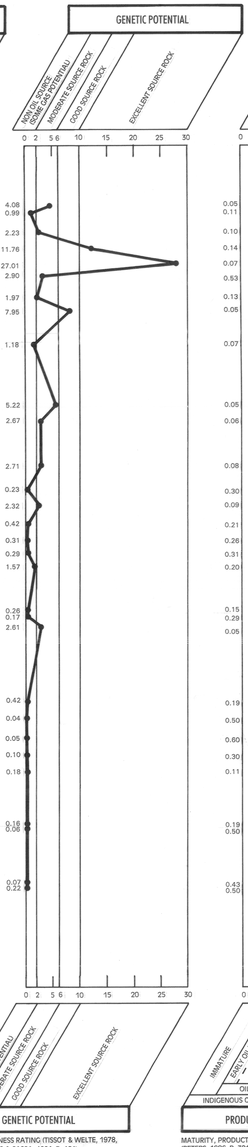


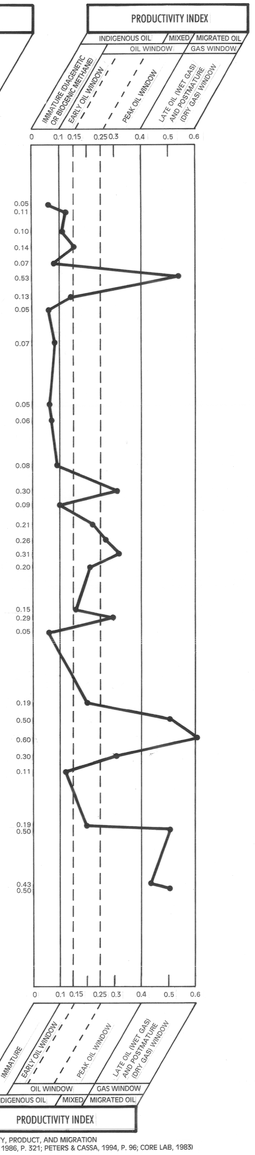



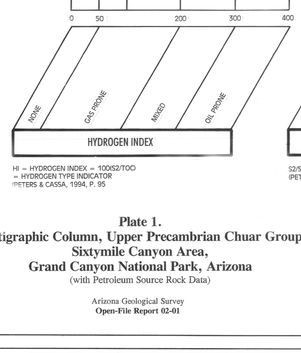



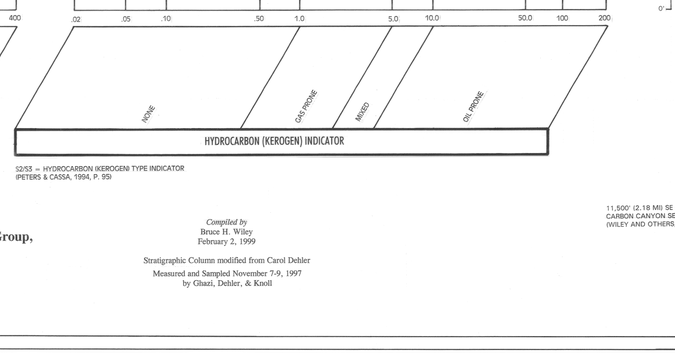




HI = HYDROGEN INDEX = 100S2/TOC
= HYDROGEN TYPE INDICATOR
(PETERS & CASSA, 1994, P. 95

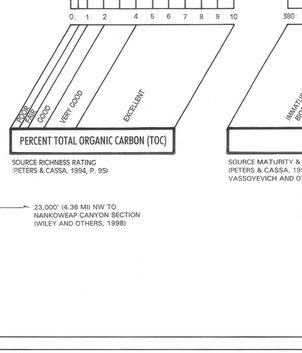



S2/S3 = HYDROCARBON (KEROGEN) TYPE INDICATOR
(PETERS & CASSA, 1994, P. 95)

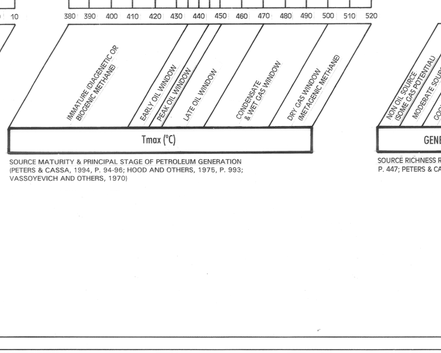
11,500' (2.18 MI) SE TO
CARBON CANYON SECTION
(WILEY AND OTHERS, 1998)

23,000' (4.36 MI) NW TO
NANKOWEAP CANYON SECTION
(WILEY AND OTHERS, 1998)

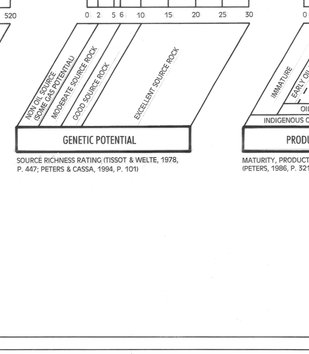
SIXTYMILE CANYON AREA,
CAPE SOLITUDE
COCONINO CO., ARIZONA,
7.5' TOPOGRAPHIC MAP
Vertical Scale 1" = 100'



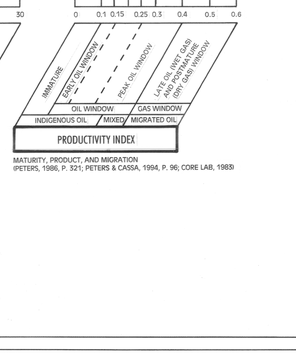

SOURCE RICHNESS RATING
(PETERS & CASSA, 1994, P. 95)




SOURCE MATURITY & PRINCIPAL STAGE OF PETROLEUM GENERATION
(PETERS & CASSA, 1994, P. 94-96; HOOD AND OTHERS, 1975, P. 993;
VASSOYEVICH AND OTHERS, 1970)




SOURCE RICHNESS RATING (TISSOT & WELTE, 1978,
P. 447; PETERS & CASSA, 1994, P. 101)




MATURITY, PRODUCT, AND MIGRATION
(PETERS, 1986, P. 321; PETERS & CASSA, 1994, P. 96; CORE LAB, 1983)

**Plate 1.**
**Stratigraphic Column, Upper Precambrian Chuar Group,**
**Sixtymile Canyon Area,**
**Grand Canyon National Park, Arizona**
(with Petroleum Source Rock Data)

Arizona Geological Survey
**Open-File Report 02-01**

*Compiled by*
Bruce H. Wiley
February 2, 1999

Stratigraphic Column modified from Carol Dehler
Measured and Sampled November 7-9, 1997
by Ghazi, Dehler, & Knoll