



National Centre for Petroleum Geology and Geophysics



G.P.O. BOX 498, ADELAIDE,
SOUTH AUSTRALIA 5001
Telephone: (08) 228 5403
Telex: UNIVAD AA80141
Telegraphic Address: UNIVAD
Fax: (08) 224 0464

WEEKLY REPORT : Period ending 22/6/89

CLIENT : PETROFINA EXPLORATION AUSTRALIA
(via CORE SERVICES of AUSTRALIA PTY.LTD.)

JOB : Angler 1 petrology

DATE SAMPLES RECEIVED (AT NCPGG) : 7th June

NO. OF SAMPLES FOR ANALYSIS : 24

NO. OF SAMPLES PREPARED : 27 (24 thin sections; 3 polished blocks)

NO. OF SAMPLES ANALYSED : 3 x fluorescence microscopy
12 x petrography (all the core samples)

EXPECTED COMPLETION DATE OF ANALYSES: 29th June

EXPECTED FINAL COMPLETION REPORT : 6th June

PROVISIONAL RESULTS/COMMENTS:

All the core samples are very arkosic with up to 30% K feldspar in all samples. This is the reason for their gamma activity. Samples from 3833.1 m, 3833.9 m and 3835.7 m are all tightly cemented by carbonate spar. This fluoresces yellow green under reflected UV light such that oil staining cannot be seen. Some staining seen in transmitted light shows hydrocarbons rimming framework grains beneath the carbonate cement. Some open fractures in samples 3833.9 m and 3835.7 m are capable of moving hydrocarbons.

Dr. N.M. Lemon