Enclosure 3

DEPT. NAT. RES & ENV
PE602767

BHP Petroleum

Production
Geoscience

Final
Interpretation

Well : MINERVA-1
Company: BHPP
Field : Minerva
Permit : VIC P31
State : Victoria

Location: SP 2232 Line OE81A-2028
Otway Basin

Lat: 38°42'31.6"S Lon: 142°56'55.2"E

SCALE
1 : 50

Permanent Datum MISLW Elev. 0.0m
Log measured from KB
Drilling measured from KB

KB 2 0m
DF 2 0m
GL -5 0m

Date Processed	20 Jul 93		
Suite Used	1	2	4
Date Logged	14 Mar 93	21 Mar 93	4 A 93
Top Interp Interval	1130m	1600	211
Bot Interp Interval	1:85m	2020	242
Interp Model	OPTIMA	CRA	CRA
Rw @ 25 DegC	0.10	0.103	140
Equiv NaCl conc. ppm	45,300	43,800	30,50
Rmf @ 25 DegC	0.139	0.173	208
Equiv NaCl conc. ppm	30,900	24,000	19,62
Data Used from:	SDT DLL	SDT DLL LDL	SDT DLL LDL
Pef not used			
Baryte in Mud			
Refer report for			
more detail			
Log Analyst:	A. Calcroft		

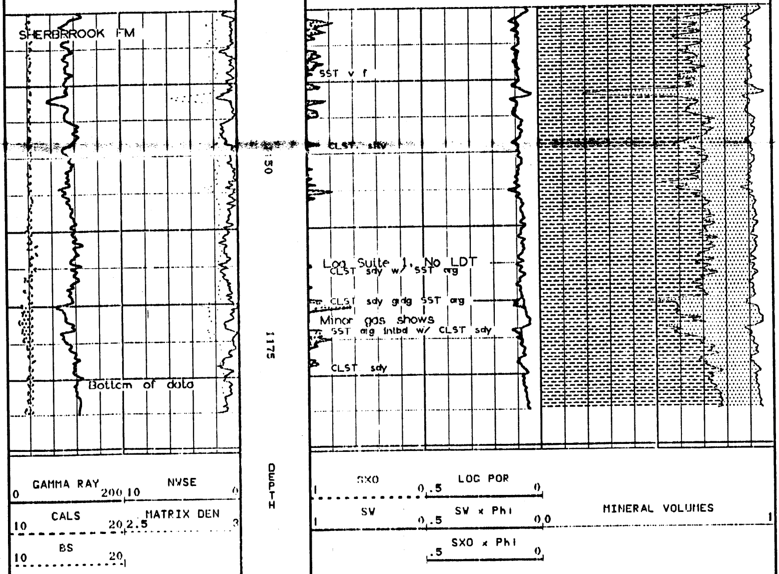
Filter Cake
Shale
Quartz
Limestone
Dolomite
K-FeldsPar

Albite
Carb Matter
MOV HYD
UNMOV HYD
CLER

0 GAMMA RAY 200
10 NWSE 0
10 CALS 20
2.5 MATRIX DEN 3
10 BS 20

DEPTH

1 SXO 0
.5 LOG POR 0
1 SW 0
.5 SW x Phi 0
.5 SXO x Phi 0
0 MINERAL VOLUMES 1



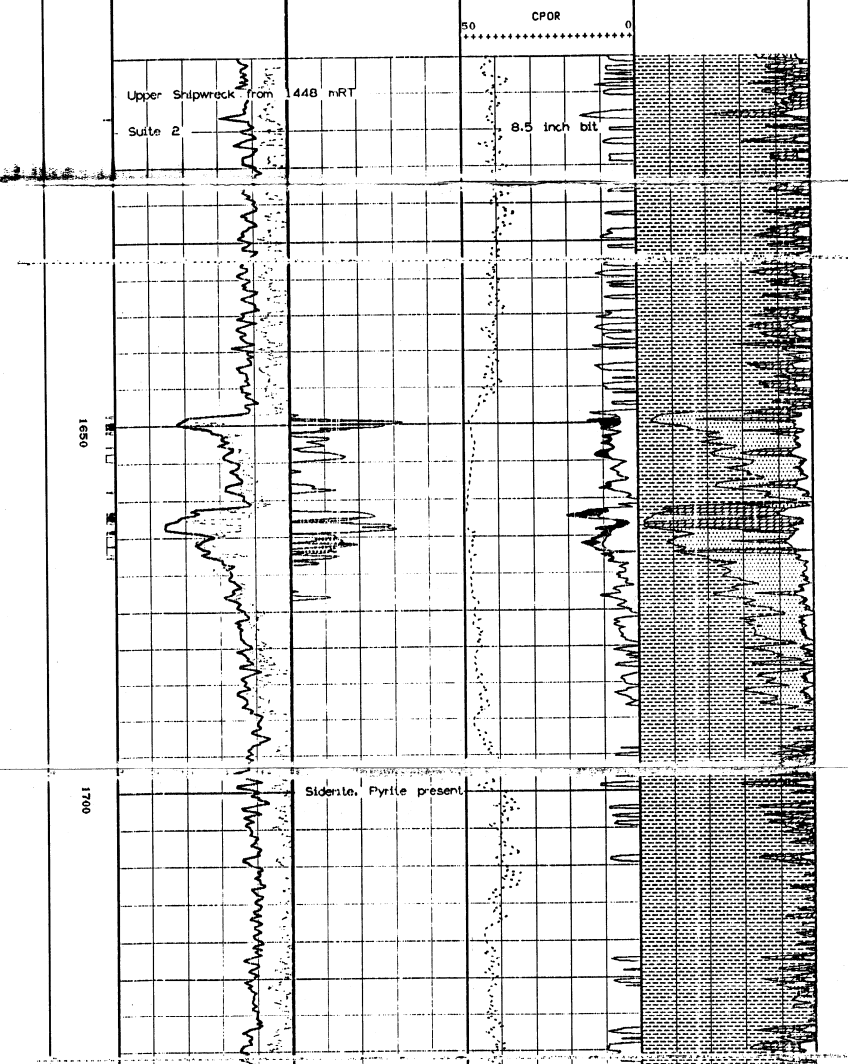
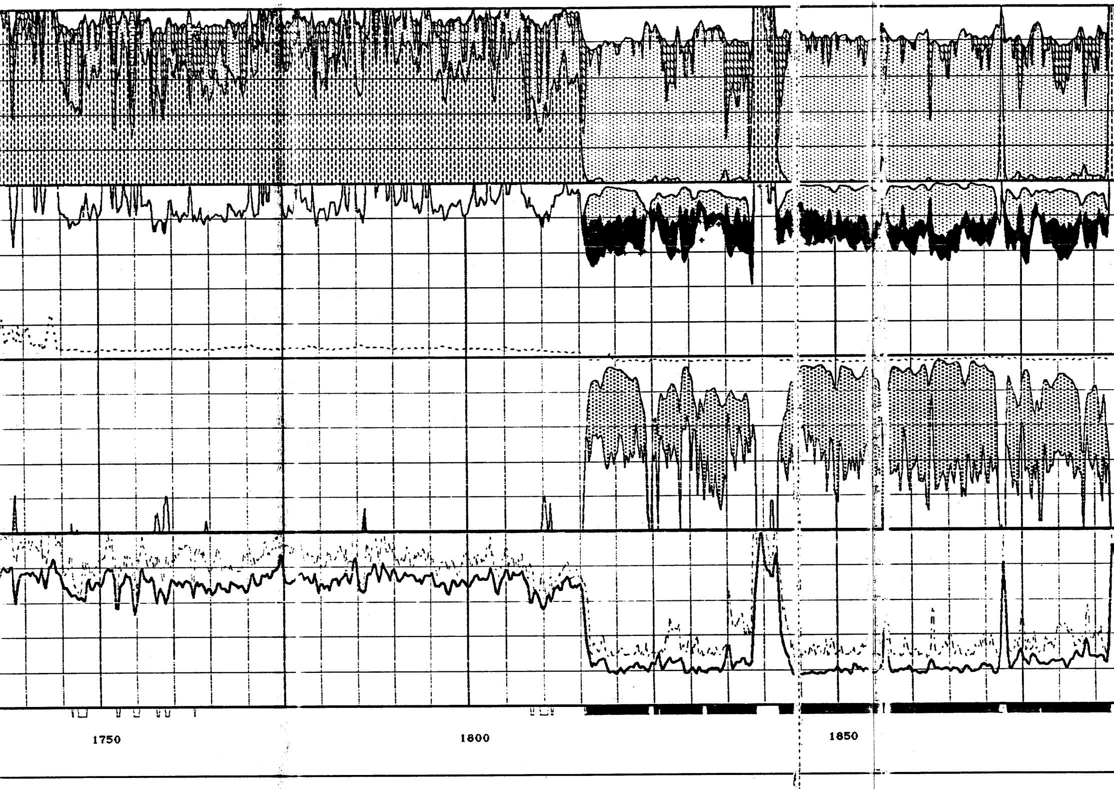
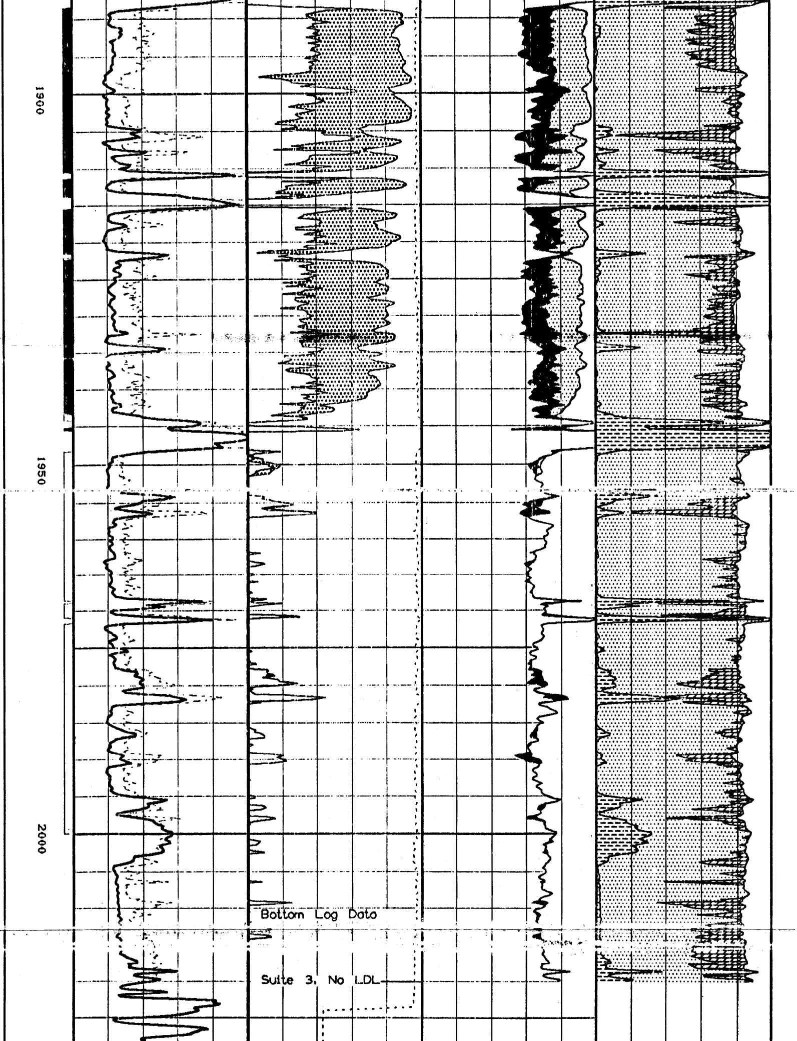
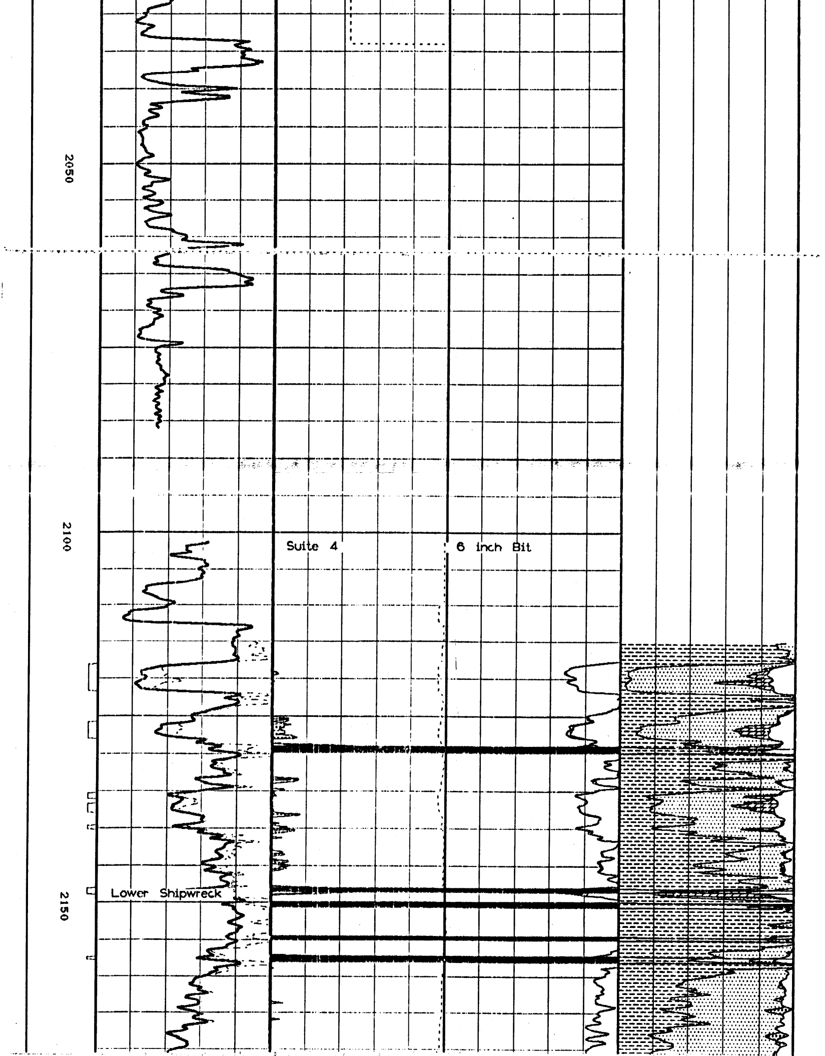
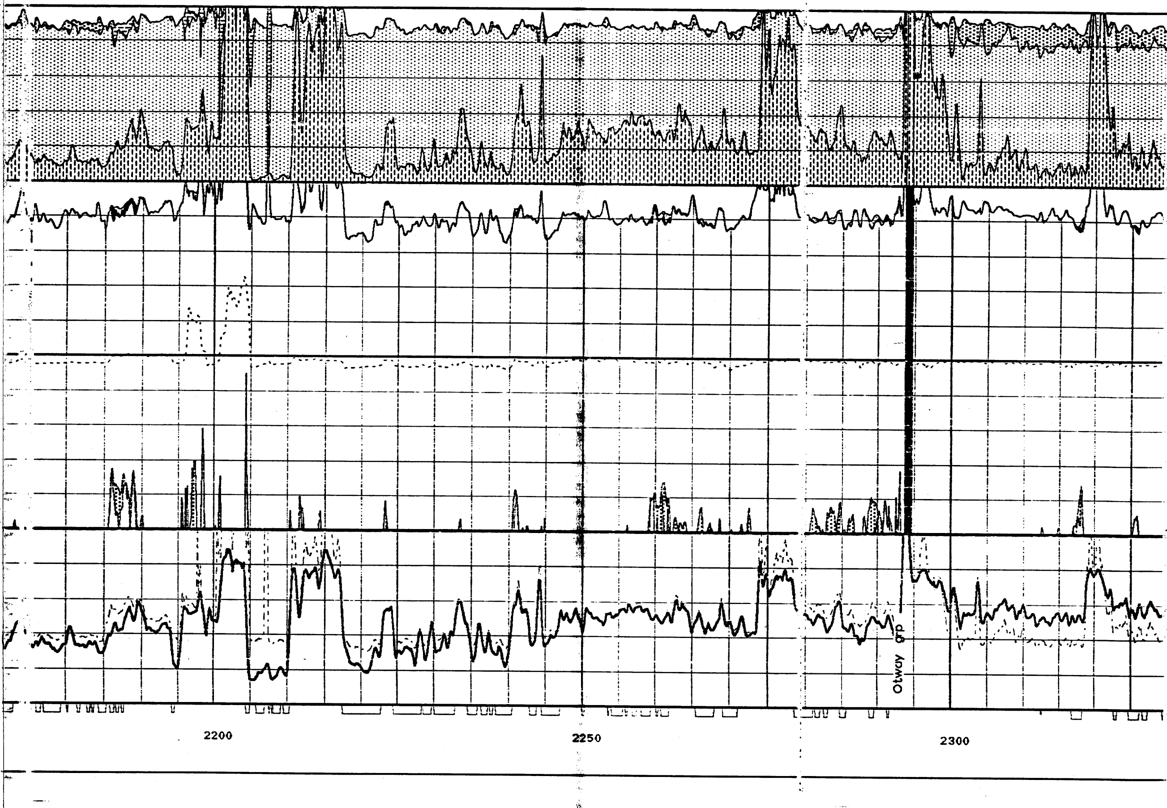
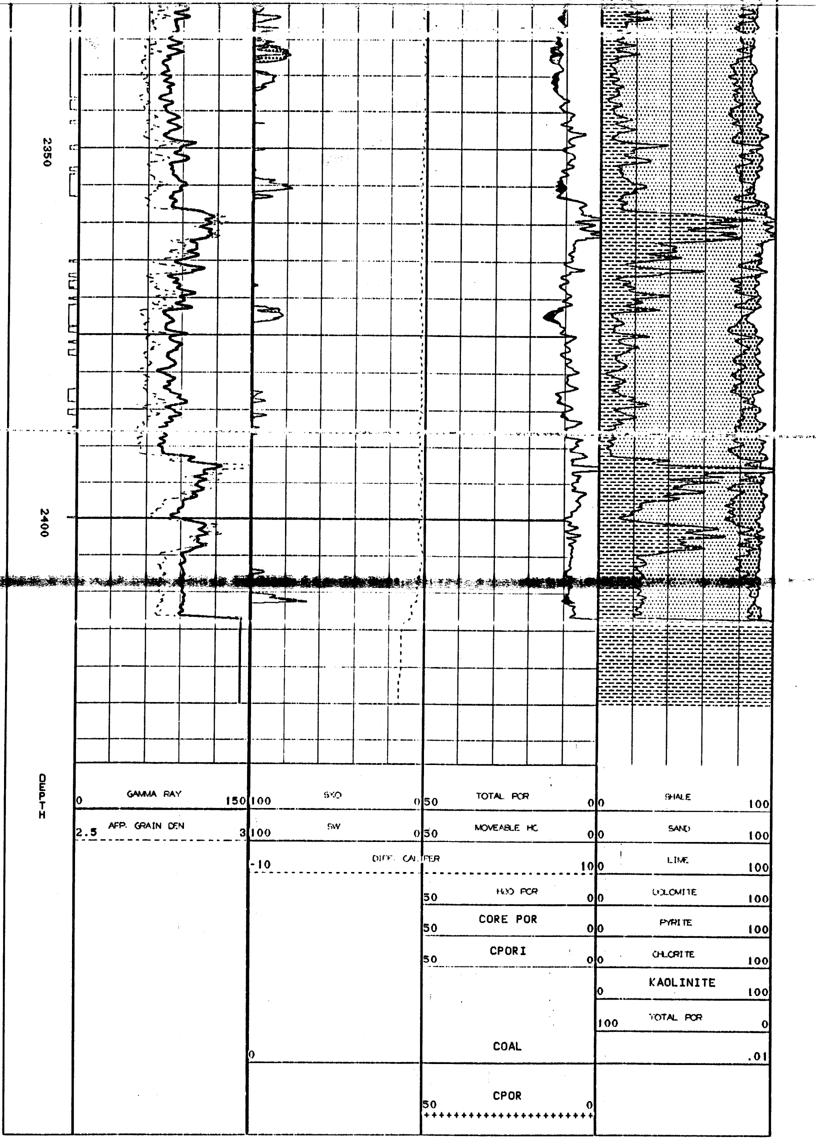
■	▨	■	▨	☐	■
COAL	MOVEABLE HC	HYDROCARBON	MOVEABLE HC	H2O POR	COAL
▤	▨	▦	▦	▧	▨
SHALE	SAND	LIME	DOLOMITE	PYRITE	CHLORITE
▥					
KAOLINITE					

DEPTH

0 GAMMA RAY 150
2.5 APP. GRAIN DEN 3

100 SXO 0
100 SW 0
-10 DIFF. CALIPER 10
0

50 TOTAL POR 0
50 MOVEABLE HC 0
50 H2O POR 0
50 CORE POR 0
50 CPORI 0
COAL

0 SHALE 100
0 SAND 100
0 LIME 100
0 DOLOMITE 100
0 PYRITE 100
0 CHLORITE 100
0 KAOLINITE 100
100 TOTAL POR 0
.01