

SWC RUN NO: 1

WELL: KOORKAH-1

PAGE 19 OF 28

DATE: DECEMBER 22, 1985

GEOLOGIST: B.F. WHEELER

SERVICE CO: SCHLUMBERGER

CORE NO.: 37      DEPTH: 2146M      RECOVERY: 4 CM      OVERPULL: 619 LB.

CORE CONDITION: INTACT      CONTAMINATION BY DRILLING MUD: -

LITHOLOGICAL TYPE: SANDSTONE

DESCRIPTION: LT TAN WHT, DOM M GR W/ OCC F AND C, ANG TO SUBANG, DOM MOD W SRT, MOD FIRM BUT V FRI, 5-10%, LT TAN TO WHT CLY AND CALC CMT, LOCAL PATCHES OF ARG MAT, THIN LAM (LESS THAN 2MM) OF DK GY SFT CLY, OCC LITHIC CLASTS, OCC SLTY, V F DESS AND WISPS OF SLT BLK ORG MAT, 25-30% VIS POROSITY

ODOR: -      STAIN: MOD ABUN V F BLK RESINOUS PATCHES

OIL FLUORESCENCE: TR PINPOINT DL ORNG (MINERAL?) OF PYROBIT (?), PATCHES OF V LT STRW STN (?)

FLUORESCENCE OF CUT - BEFORE CRUSHING: TR PINPOINT MOD BRT MLKY YELL V SLW STRMG

- AFTER CRUSHING: V FNT SL MLKY GOLD-YELL

CUT RESIDUE: CLR W/ A TR GOLD-YELL FLUOR

CORE NO.: 38      DEPTH: 2135M      RECOVERY: 4.5 CM      OVERPULL: 689 LB.

CORE CONDITION: INTACT      CONTAMINATION BY DRILLING MUD: -

LITHOLOGICAL TYPE: SANDSTONE

DESCRIPTION: M GY MOTTLED W/ WH, DOM F GR W/ OCC M TO C, DOM SUBANG, GEN W SRT, FIRM BUT V FRI, 10% CLY CMT, NON CALC, ABUN V F ANG SLT, ABUN CLR MICA, V ABUN SFT BLK ORG CLY AS MTX AND DISCRETE BLEBS GIVING ROCK A DK APPEARANCE. GEN 15% VIS POROSITY W/ LOCALLY UP TO 25%.

ODOR: -      STAIN: ABUN SFT BLK ORG CLY IN MTX AND SURROUNDING SND GR

OIL FLUORESCENCE: -

FLUORESCENCE OF CUT - BEFORE CRUSHING: -

- AFTER CRUSHING: TR V FNT TRANSP BLU-WHT

CUT RESIDUE: CLR W/ A FNT BLU-WHT FLUOR