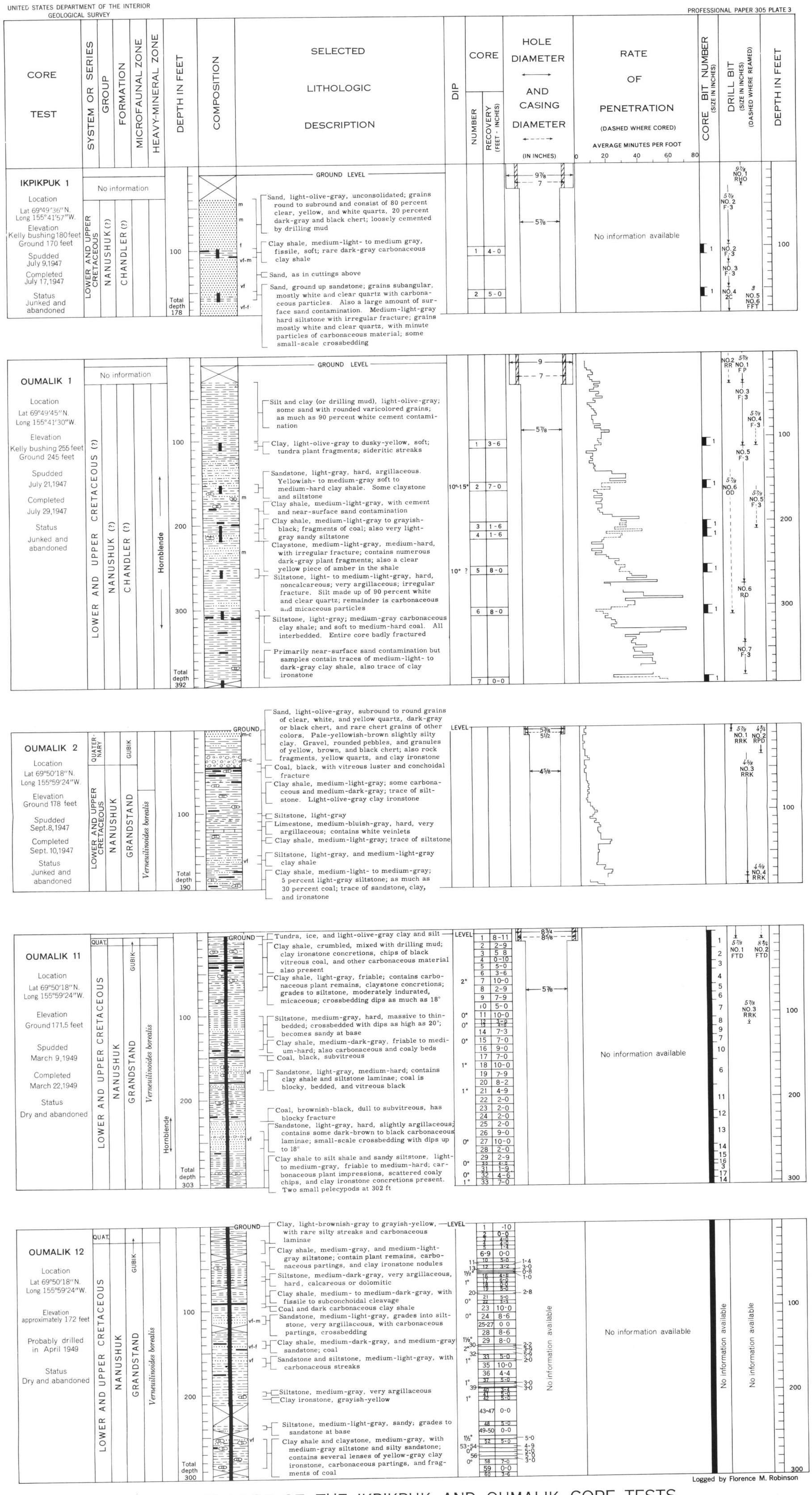


GRAPHIC LOGS OF THE IKPIKPUK AND OUMALIK CORE TESTS

EXPLANATION

- Sand or sandstone
- Gravel or conglomerate
- Silty sandstone
- Calcareous sandstone
- Silt, siltstone
- Sandy siltstone
- Calcareous siltstone
- Clay, clay shale, or claystone
- Silty clay shale or claystone
- Clay ironstone
- Coal or carbonaceous material
- Limestone
- Cored interval
- No samples recovered

vf
Very fine grained

f
Fine grained

m
Medium grained

vf-m
Very fine to medium

vf-f
Very fine to fine

m-c
Medium to coarse

BIT SYMBOLS

DRILL BITS

FP
Failing pilot

F-3
Failing (?) 3-way drag

FFT
Failing (?) fishtail

FTD
Fishtail drag

2C
Reed 2C rock

RD
Reed drag

RHO
Reed hole opener

RPD
Reed pilot drag

RR
Reed reamer

RRK
Reed rock

CORE BITS

Ikpikpuk Core Test I

NO. 1
Reed K-24, hard formation

Oumalik Core Test I

NO. 1
Reed K-24, hard formation

Oumalik Core Test II

NOS. 1-11, 14-20, 29
Reed K-25, soft formation

NOS. 12, 13, 21-28, 30-33
Reed K-24, hard formation

Drilling and engineering data compiled from records of Arctic Contractors

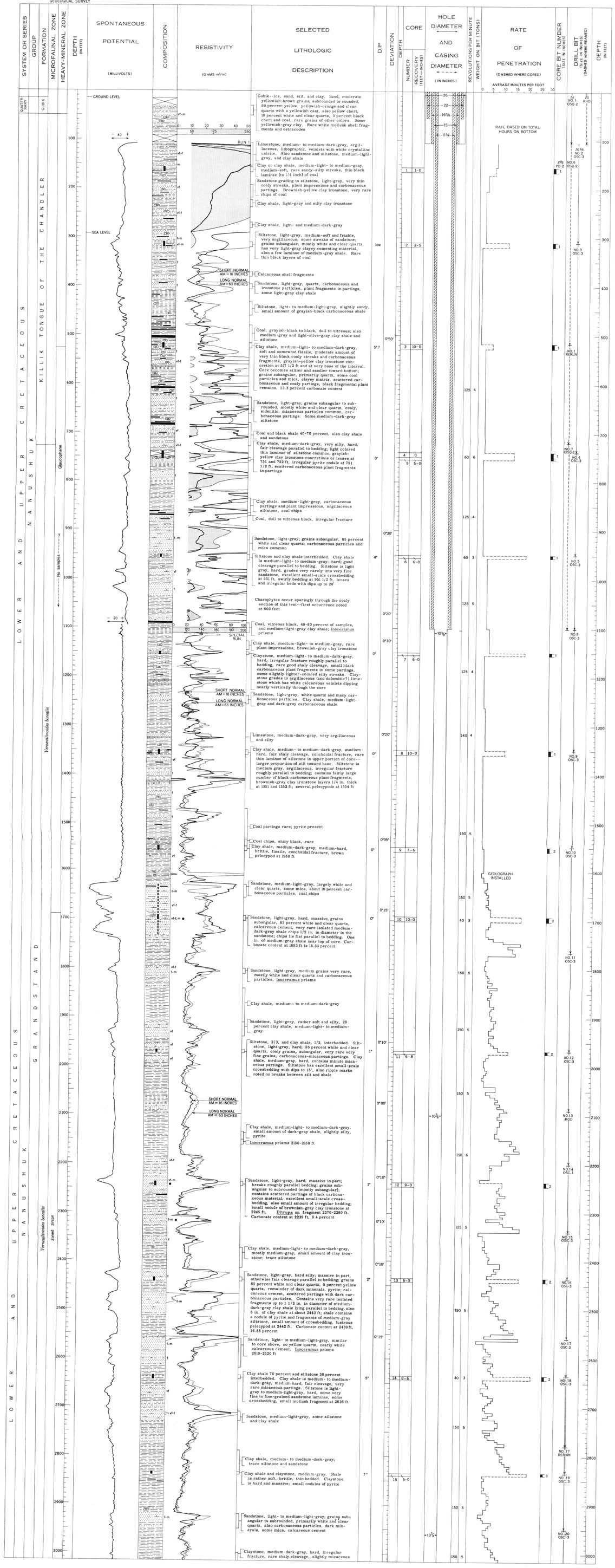
Colors were determined by comparison of dry samples with the Rock Color Chart distributed by the National Research Council in 1948

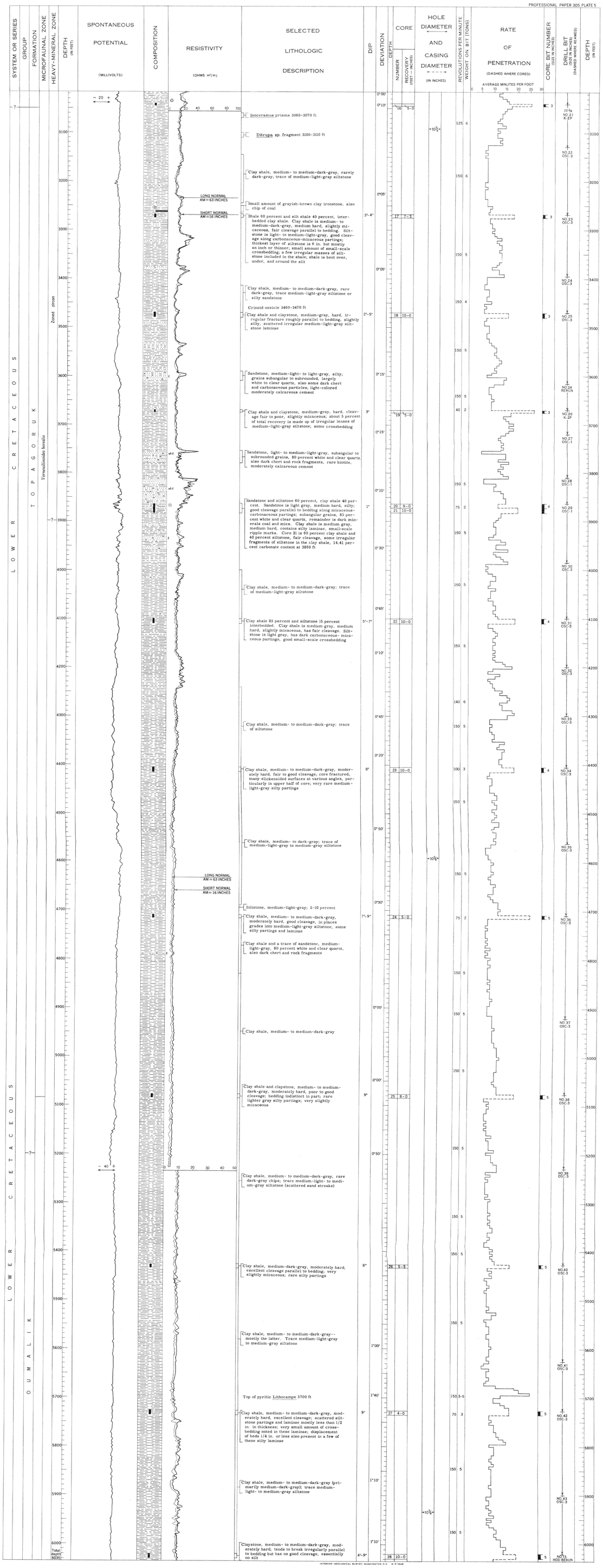
374616 O - 56 (In pocket)

GRAPHIC LOG OF OUMALIK TEST WELL 1

Logged by Florence M. Robinson

1955





EXPLANATION

- Sandstone
- Silty sandstone
- Calcareous sandstone
- Siltstone
- Sandy siltstone
- Calcareous siltstone
- Clay shale or claystone
- Sandy clay shale or claystone
- Silty clay shale or claystone
- Calcareous clay shale or claystone
- Clay ironstone
- Coal or carbonaceous material
- Limestone
- Bentonite
- Cored interval
- Sidewall cores
- No samples recovered
- Oil show
- Gas show
- vf Very fine grained
- f Fine grained
- m Medium grained
- AM Electrode spacing

BIT SYMBOLS

DRILL BITS

- HOD — Hughes OD
- OSC-1 — Hughes OSC-1
- OSQ-2 — Hughes OSQ-2
- OSC-3 — Hughes OSC-3
- RHO — Reed hole opener
- K-2P — Smith K-2P

CORE BITS

- PD-2 — Reed wire line PD-2 rock bit

Location: Lat 69°47'29"N. Long 155°32'39"W.
Elevation: Kelly bushing 293 feet; Ground 277 feet
Spudded: October 23, 1950
Completed: January 7, 1951
Total depth: 6,035 feet
Status: Dry and abandoned

Drilling and engineering data compiled from records of Arctic Contractors

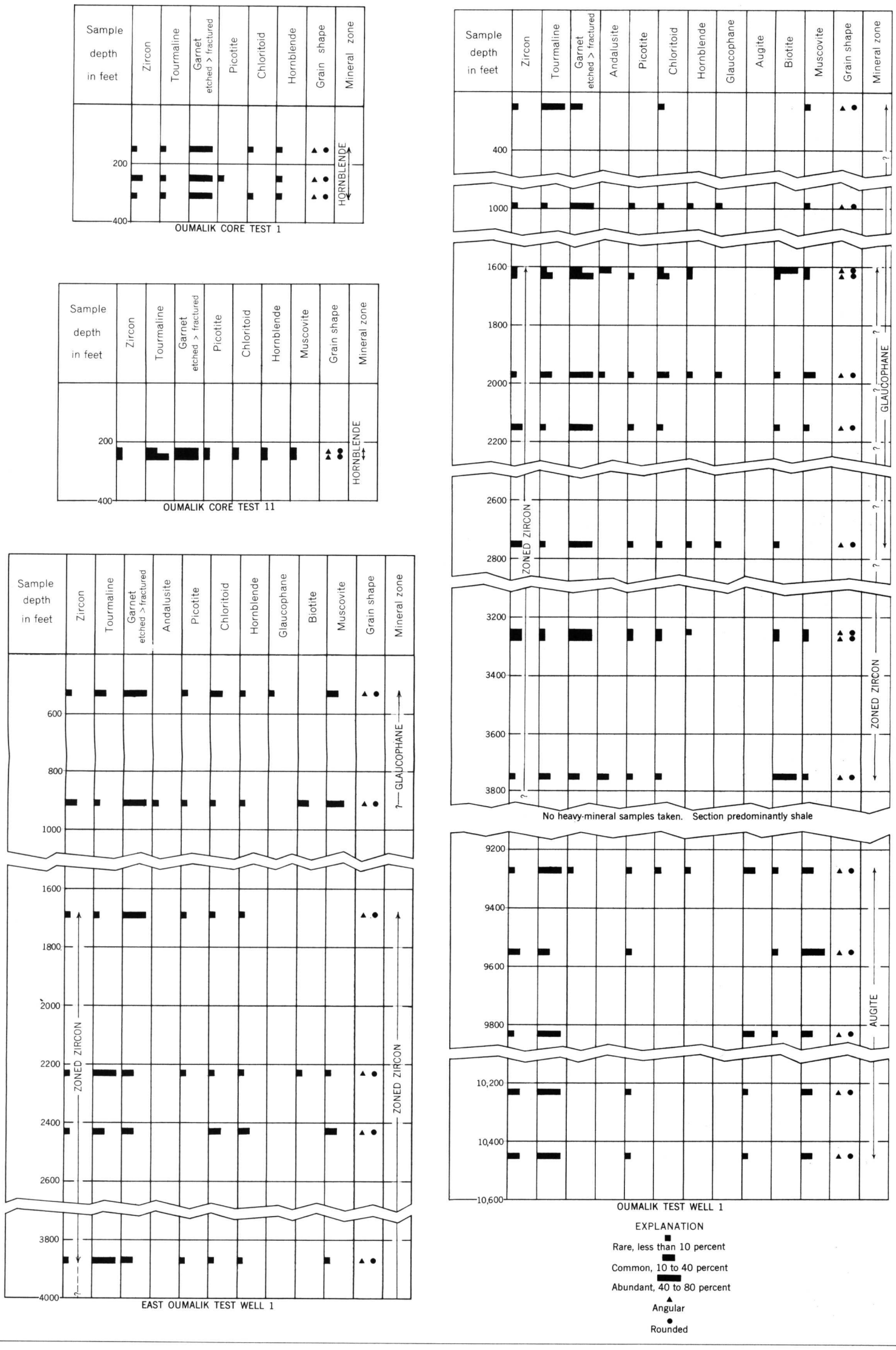
Electric log by Schlumberger Well Surveying Corporation

All depths are measured from the top of the kelly bushing.

Colors were determined by comparison of dry samples with the Rock Color Chart distributed by the National Research Council in 1948.

GRAPHIC LOG OF EAST OUMALIK TEST WELL 1

Logged by Florence M. Robinson
1955



RELATIVE ABUNDANCE OF HEAVY MINERALS, OUMALIK AREA, NORTHERN ALASKA

374616 O - 56 (In pocket)