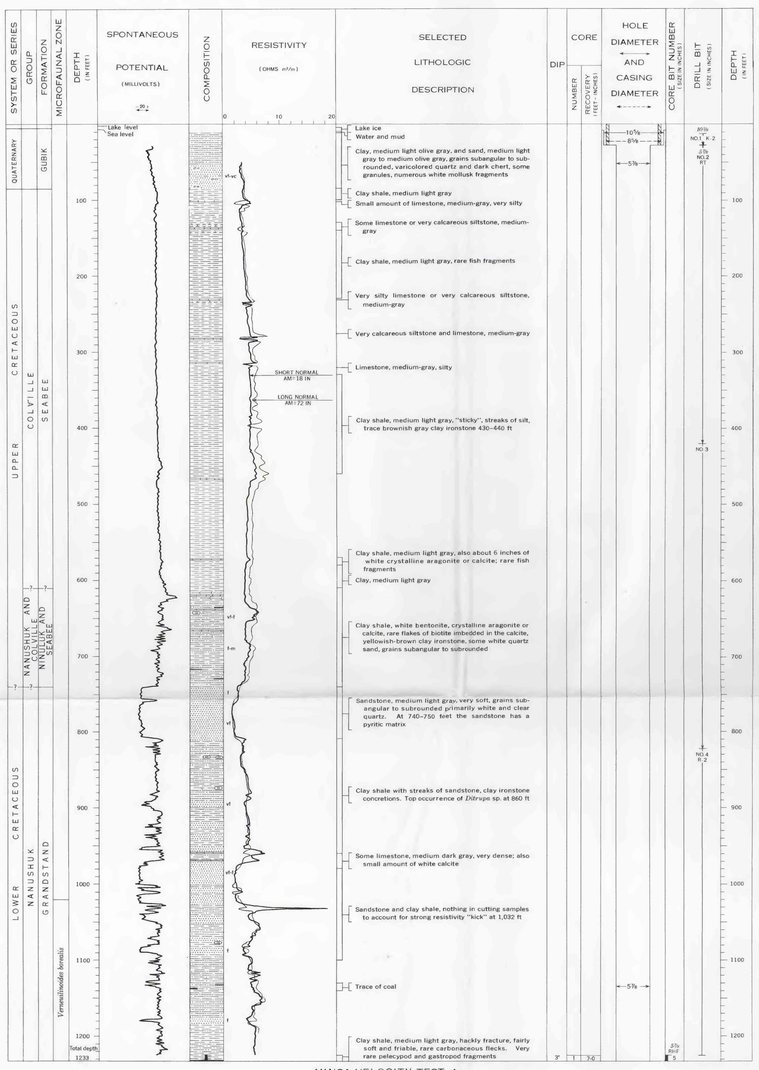
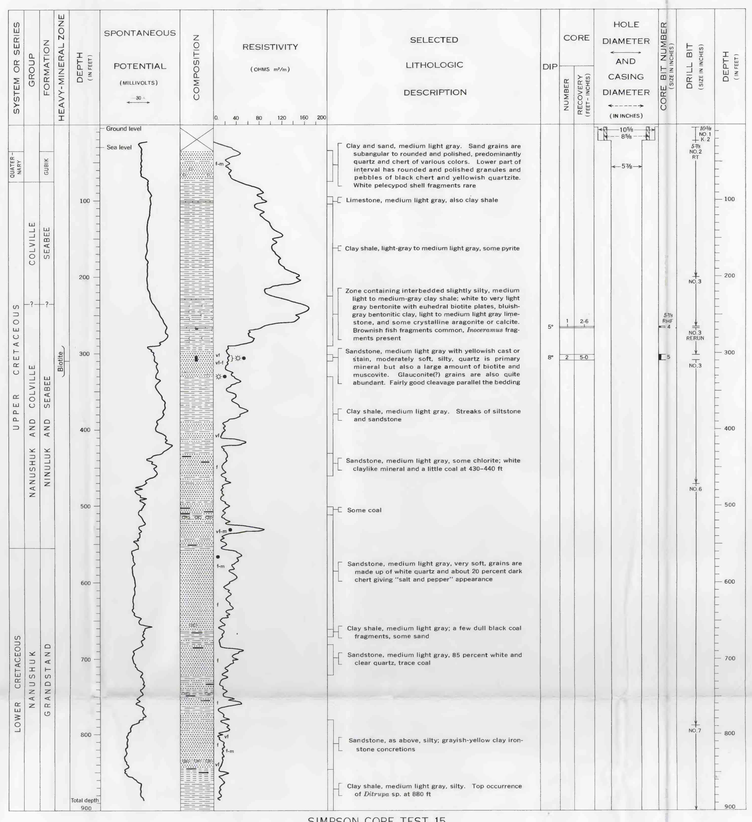
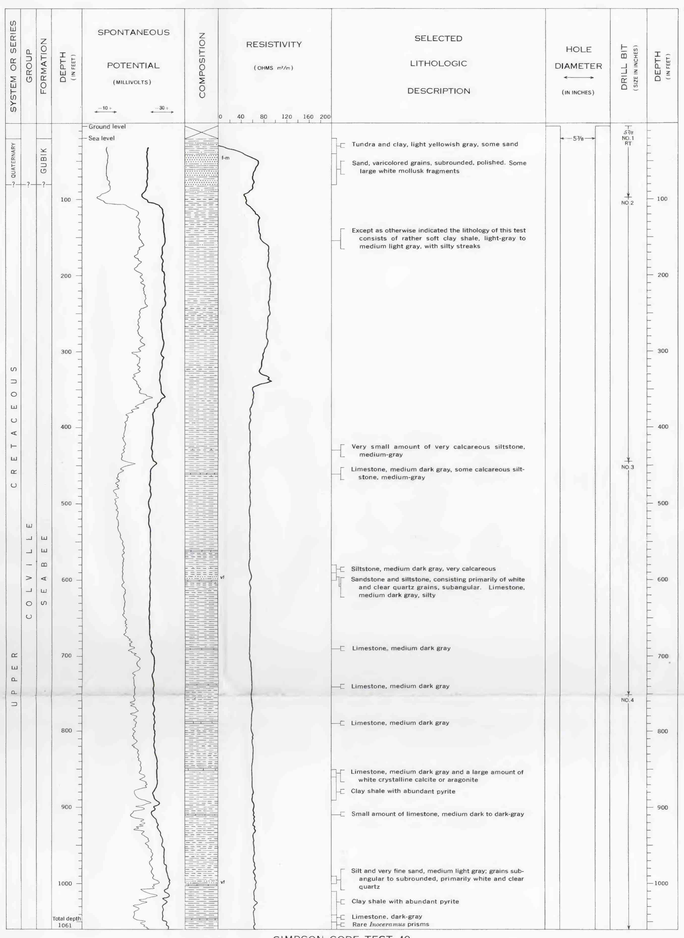


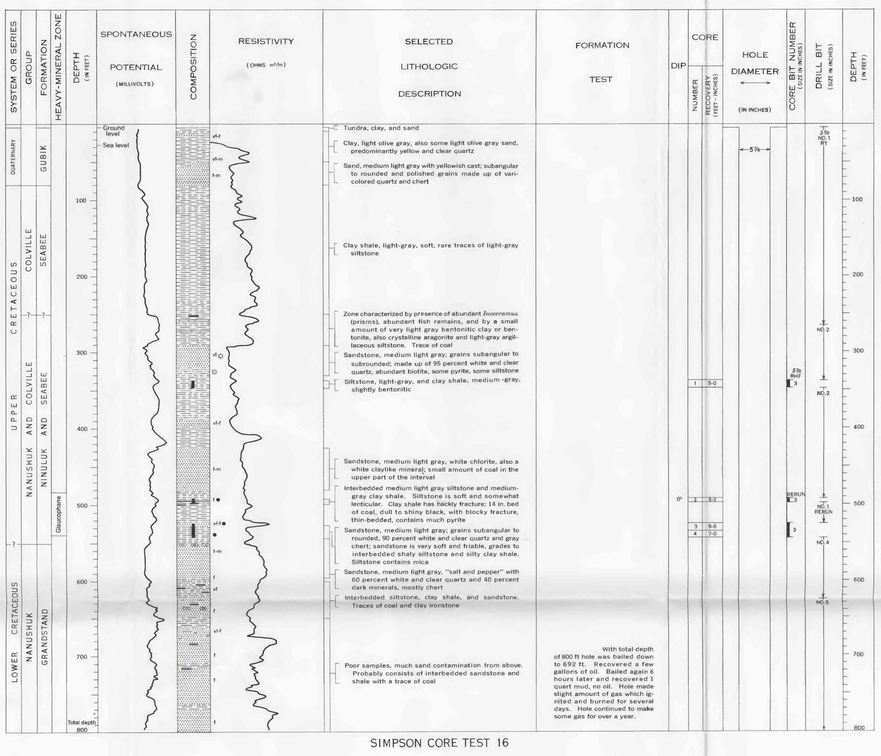
MINGA VELOCITY TEST 1



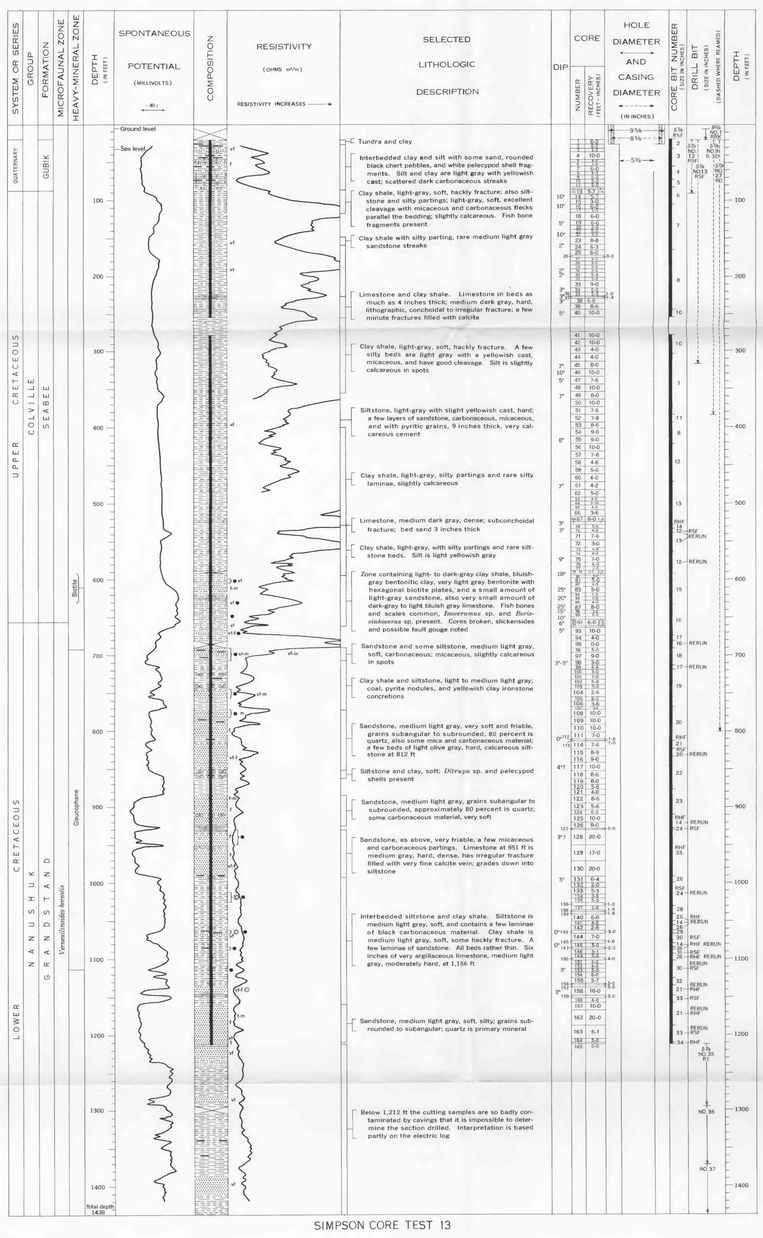
SIMPSON CORE TEST 15



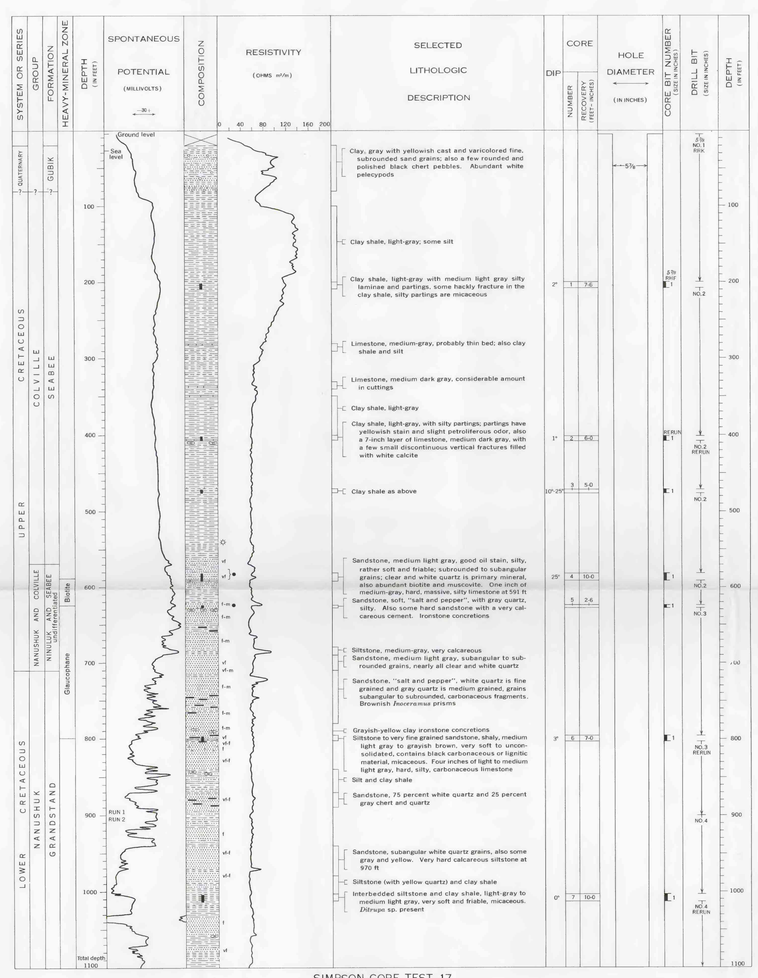
SIMPSON CORE TEST 19



SIMPSON CORE TEST 16



SIMPSON CORE TEST 13



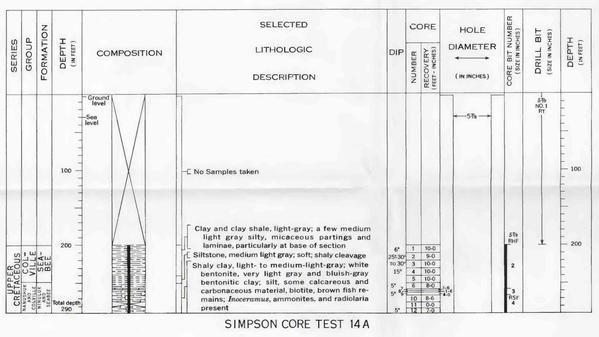
SIMPSON CORE TEST 17

SIMPSON CORE TEST 21

SIMPSON CORE TEST 20

SIMPSON CORE TEST 18

SIMPSON CORE TEST 14



SIMPSON CORE TEST 14A

CORE TEST	LOCATION	ELEVATION	SPUDDED	COMPLETED	TOTAL DEPTH	STATUS
MINGA VELOCITY	Lat 70°59'07"N Long 154°44'56"W	Kelly bushing ,2 feet Bottom of lake ,7 feet Approximately	April 29, 1950	May 9, 1950	1,233 feet	Dry and abandoned
13	Lat 70°58'58"N Long 154°36'43"W	Kelly bushing,33 feet Ground,27 feet	June 9, 1949	July 20,1949	1,438 feet	Dry and abandoned
14	Lat 70°59'19"N Long 154°37'35"W	Kelly bushing,34 feet Ground,29 feet	July 21,1949	August 12,1949	1,270 feet	Junked and abandoned
14A	Lat 70°59'19"N Long 154°37'35"W	Kelly bushing,30 feet Ground,27 feet	August 13,1949	August 15, 1949	290 feet	Dry and abandoned
15	Lat 70°59'06"N Long 154°36'09"W	Kelly bushing,30 feet Ground,25 feet	August 16,1949	August 23,1949	900 feet	Dry and abandoned
16	Lat 70°59'07"N Long 154°37'52"W	Kelly bushing,28 feet Ground,24 feet	August 24,1949	August 31,1949	800 feet	Abandoned, flowed some gas
17	Lat 70°59'19"N Long 154°36'39"W	Kelly bushing,27feet Ground,23 feet	August 31,1949	September 8,1949	1,100 feet	Dry and abandoned
18	Lat 70°59'36"N Long 154°40'15"W	Kelly bushing,18 feet Ground,14 feet	September10,1949	September 21, 1949	1,460 feet	Dry and abandoned
19	Lat 70°56'16"N Long 154°46'57"W	Kelly bushing,19 feet Ground,15 feet	September23,1949	September 29,1949	1,061 feet	Dry and abandoned
20	Lat 70°59'49"N Long 154°36'19"W	Kelly bushing ,24 feet Ground,20 feet	October 5,1949	October 11,1949	1,001 feet	Dry and abandoned
21	Lat 71°00'29"N Long 154°36'54"W	Kelly bushing,26 feet Ground,22 feet	October 13,1949	October 27,1949	1,502 feet	Dry and abandoned

EXPLANATION

Conglomerate
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
No samples recovered
Oil show
Gas show
vf Very fine grained
f Fine grained
m Medium grained
c Coarse grained
vc Very coarse grained
AM Electrode spacing

BIT SYMBOLS

DRILL BITS
FP Failing pilot
F-3 Failing 3-way drag
OWS Hughes OWS
R-2 Reed 2
RD Reed drag
R-3D Reed 3-way drag
RRK Reed rock
RT Reed T
K-2 Smith K-2
SMTK Smith rock

CORE BITS
RHF Reed hard formation
RSF Reed soft formation
a Rock bit
b Drag bit

Drilling and engineering data compiled from records of Arctic Contractors
Electric logs by Well Instrument Developing Company
Minga Velocity Test 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 National Research Council Rock Color Chart, 1948

GRAPHIC LOGS OF SIMPSON CORE TESTS 13–21 AND MINGA VELOCITY TEST 1, ALASKA

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964—G 6342B

Logged by Florence M. Robinson