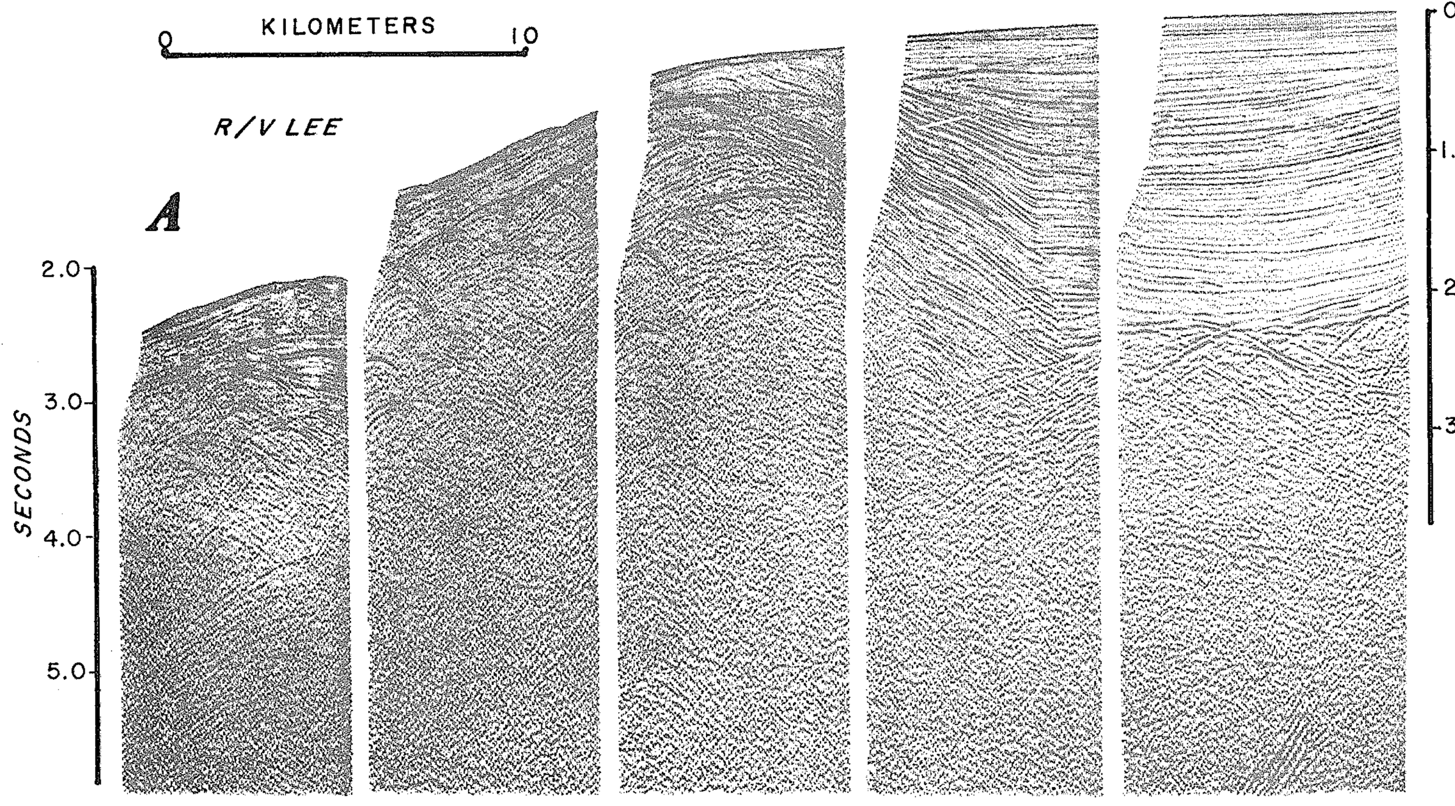
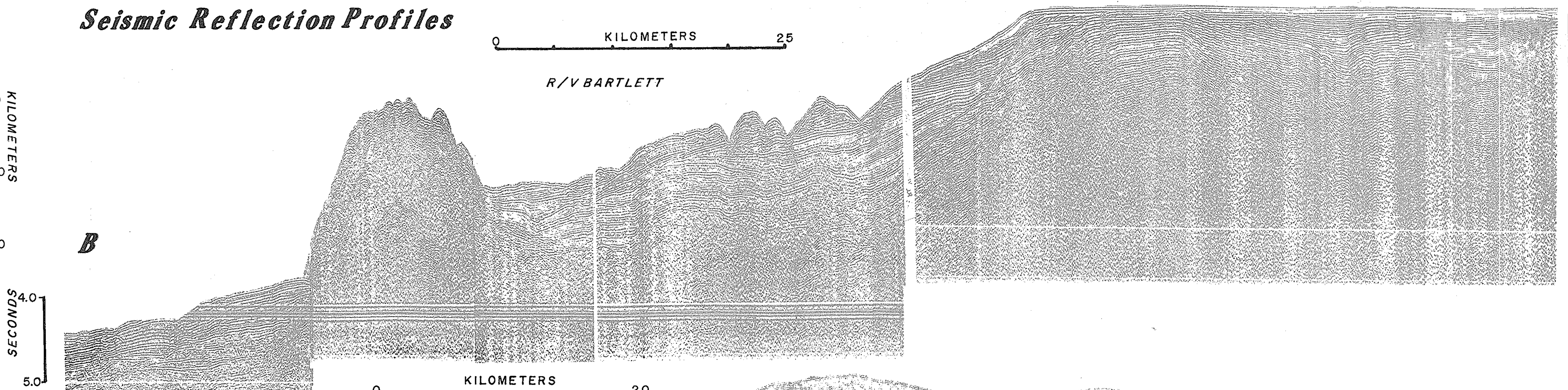
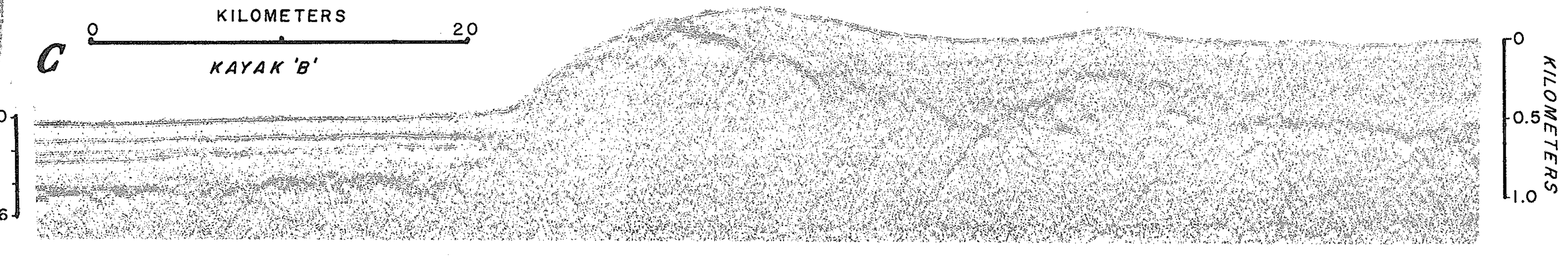
Seismic Reflection Profiles







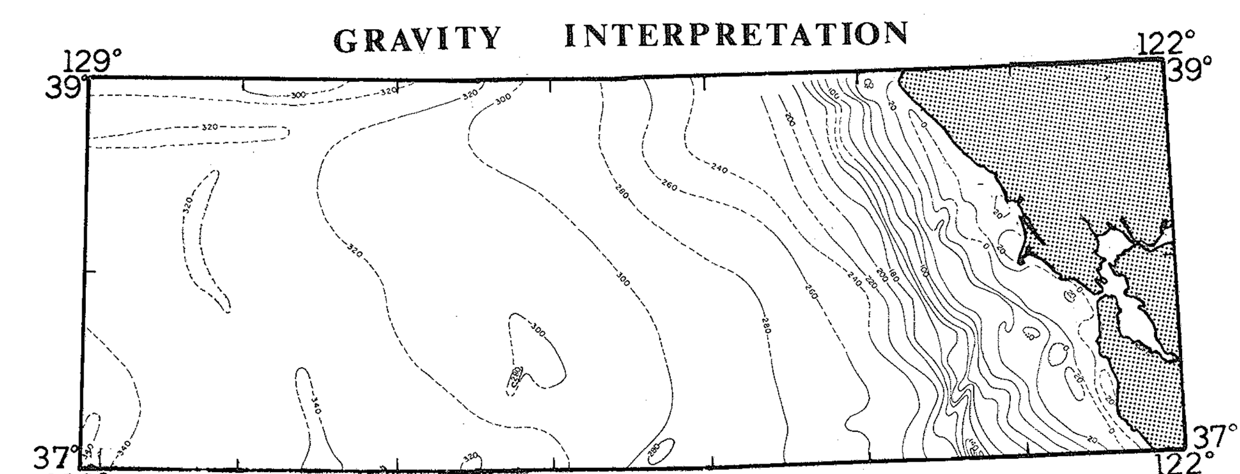


FIGURE 5. GRAVITY INTERPRETATION BY LATTIMORE, ET AL, 1968. BOUGUER ANOMALY INTERVAL IS 20 MILLIGALS.

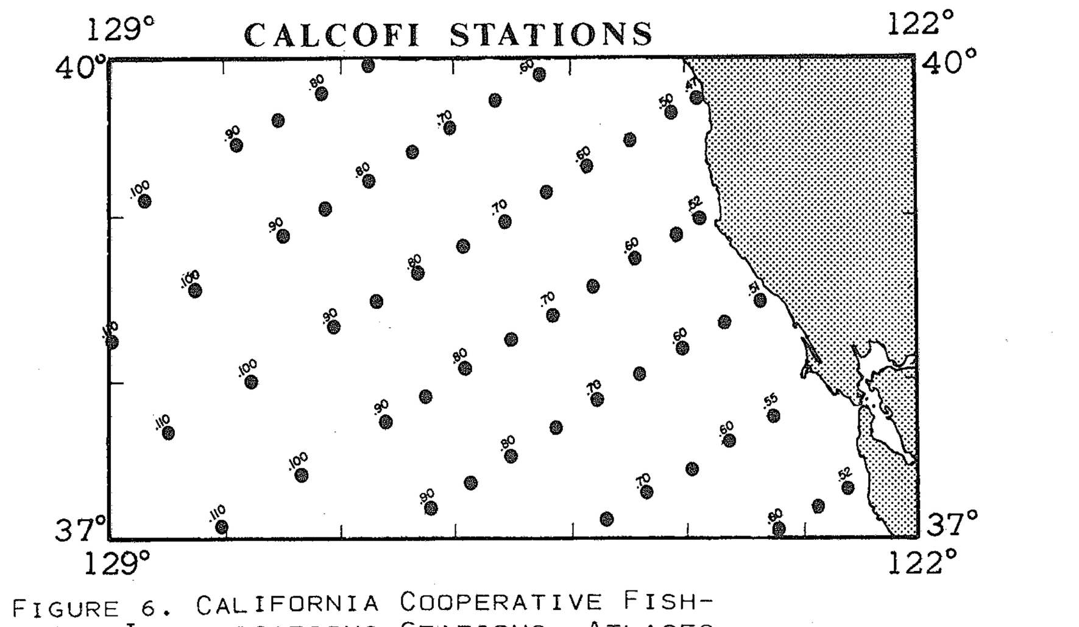


FIGURE 6. CALIFORNIA COOPERATIVE FISHERIES INVESTIGATIONS STATIONS. ATLASES BASED ON THESE DATA LISTED BELOW. FOR INFORMATION ABOUT PHYSICAL, CHEMICAL, BIOMASS, AND PLANKTON DATA, CONTACT: DIRECTOR OF MARINE LIFE RESEARCH GROUP SCRIPPS INSTITUTION OF OCEANOGRAPHY. FOR DATA ABOUT FISH EGGS AND LARVAE, CONTACT: DIRECTOR OF NATIONAL MARINE FISHERIES, LAJOLLA, CALIFORNIA.

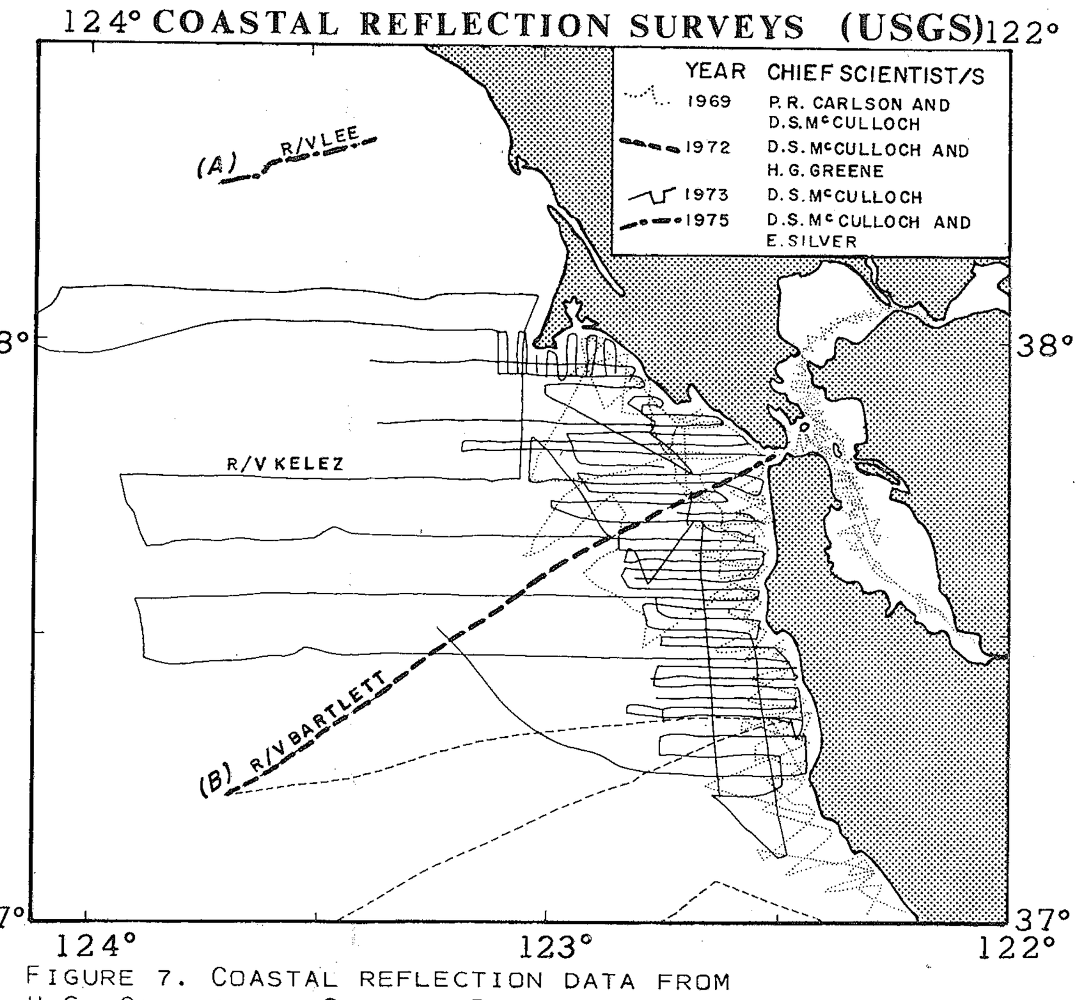


FIGURE 7. COASTAL REFLECTION DATA FROM U.S. GEOLOGICAL SURVEY. PROFILES (A) AND (B) IN HEAVY LINES.

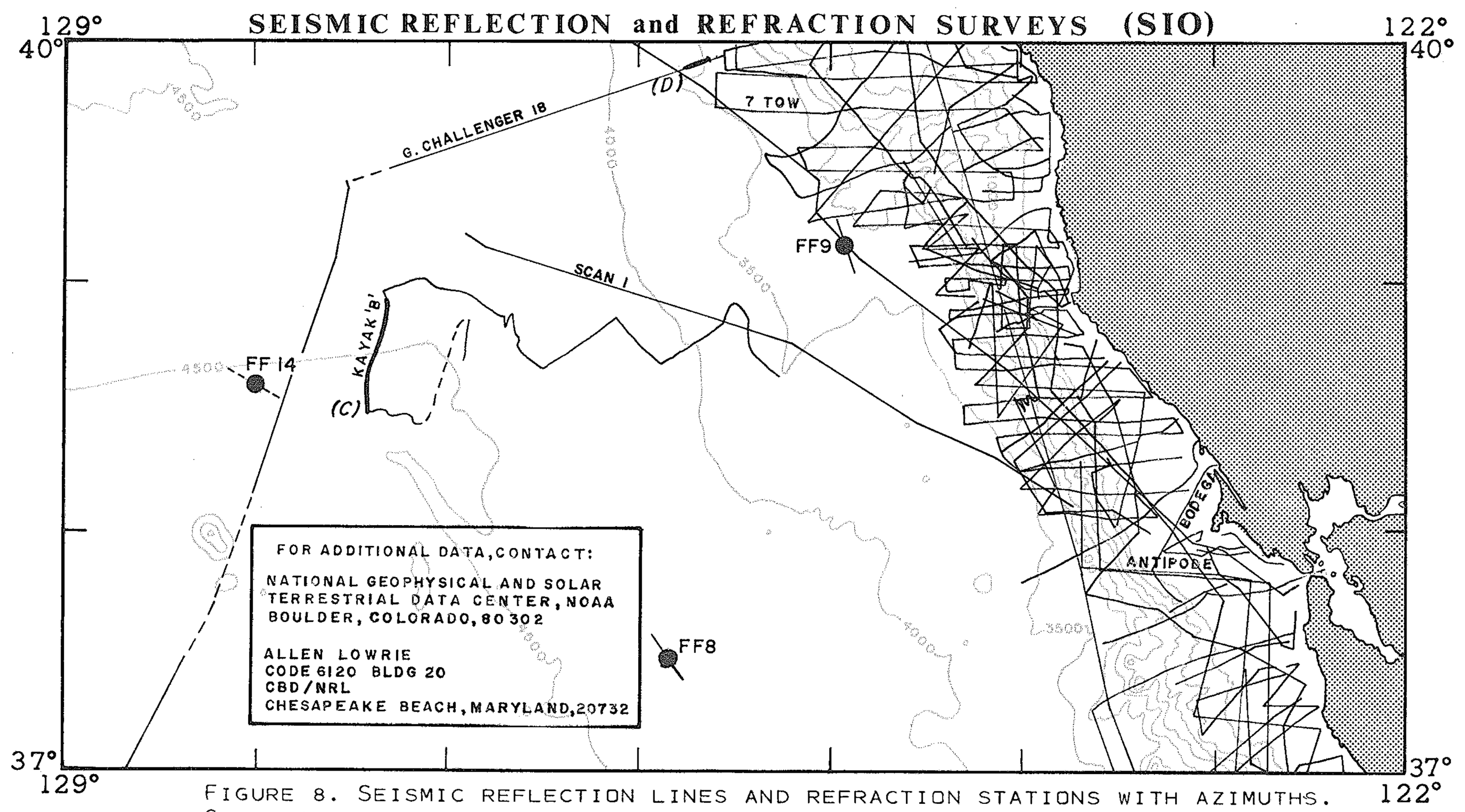


FIGURE 8. SEISMIC REFLECTION LINES AND REFRACTION STATIONS WITH AZIMUTHS. SEE LEGEND ABOVE FOR INFORMATION ABOUT THESE DATA.

SEISMIC REFLECTION SURVEYS

DATA CAN BE OBTAINED FROM SIO GEOLOGIC DATA CENTER ON 35 MM MICROFILM OR SERIES OF 5 1/4 INCH STRIPPS ON 42 INCH BY 60 INCH DIAZO REPRODUCTIONS.

NAME	YEAR	SIC*
KAYAK B	1963	J.R. CURRAY
BODEGA	1963	J.R. CURRAY
WILDCAT	1967	E.A. SILVER
CHANEEL	1968	E.A. SILVER
SCAN 1	1969	G. MOORE
SEVEN TOW 9B	1969	E.A. SILVER
ANTIPODE 1	1970	J.R. CURRAY

*SCIENTIST-IN-CHARGE

SEISMIC REFRACTION SURVEYS

NAME	AZIMUTH	MOHO DEPTH
FF 8	145°	11.16KM
FF 9	161°	10.77
FF 14	120°	10.93

FOR MORE INFORMATION, CONTACT D. McGOWAN SIO.

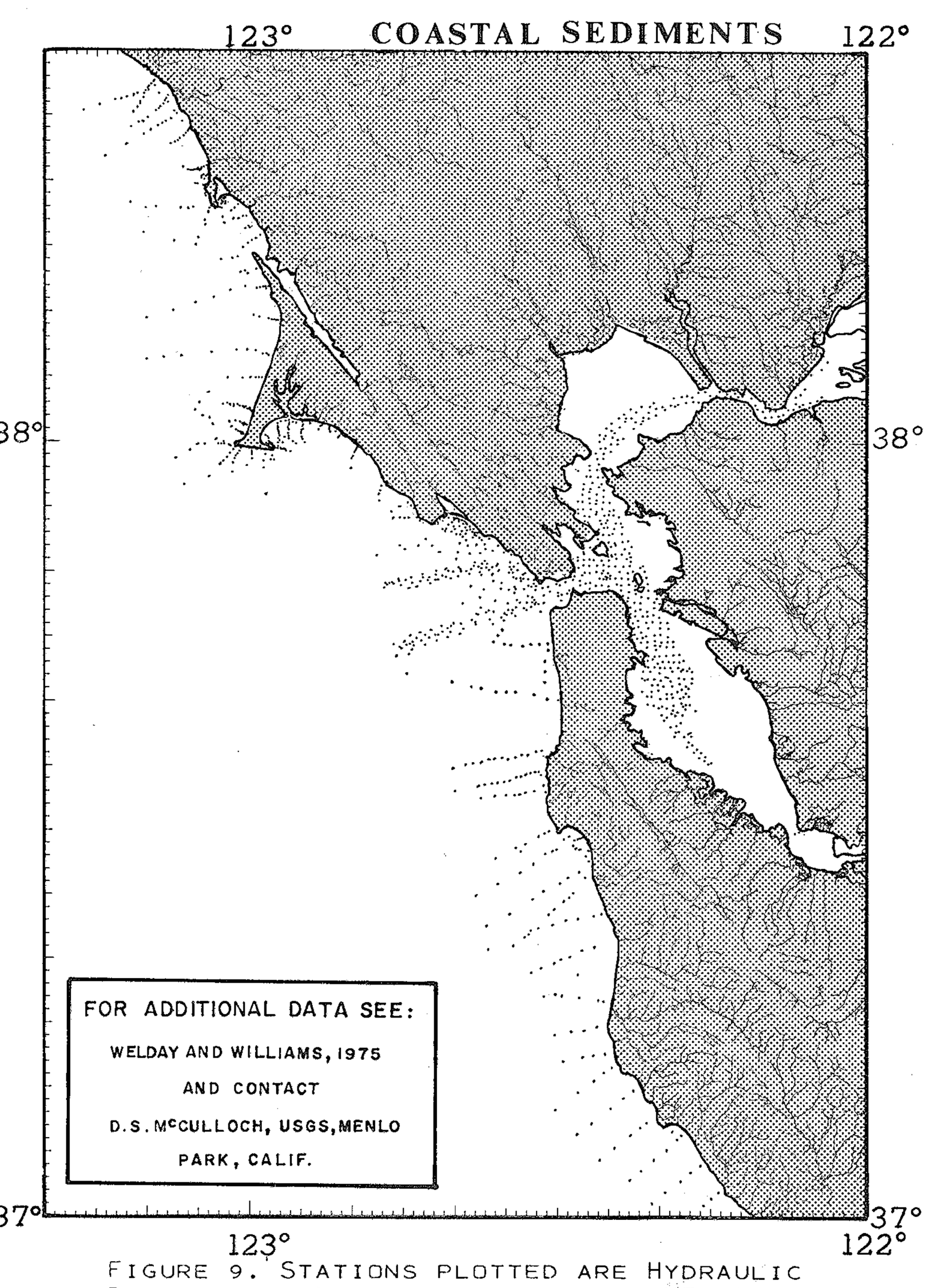


FIGURE 9. STATIONS PLOTTED ARE HYDRAULIC ENGINEERING LABORATORY SAMPLES (HEL) NOW HOUSED IN MUSEUM OF PALEONTOLOGY, UNIV. OF CALIF. BERKELEY.

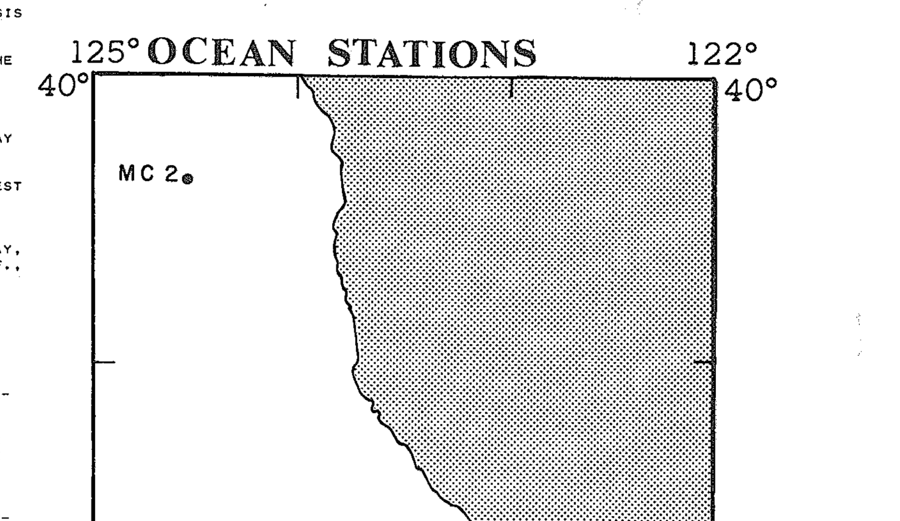
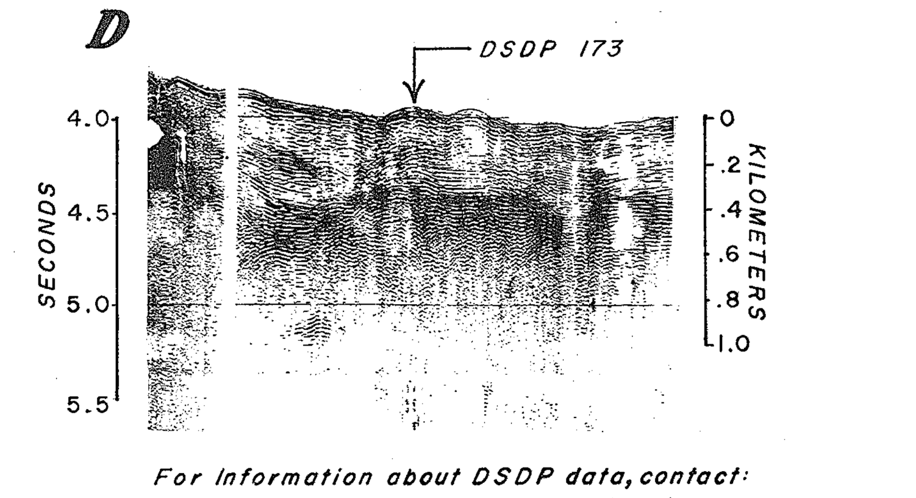


FIGURE 10. THREE OCEAN STATIONS. OBS-3 FROM FLIEGEL AND NOWROOZI, 1970 MC-2 AND 3 FROM NATIONAL MARINE CONSULTANTS, 1960.

DSDP Site 173

DSDP Site 173 Coring Summary

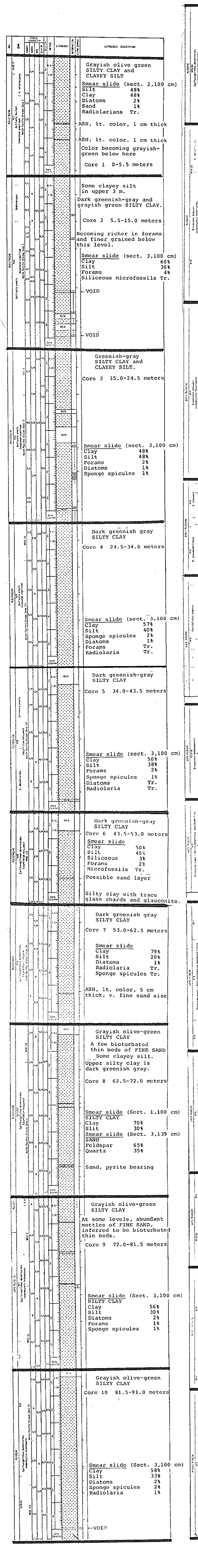
Core	Cored Interval Below Derrick Floor (m)	Cored Interval Below Sea Floor (m)	Cored (m)	Recovered (m)	Recovered (%)
1	2984.5-2990.0	0-5.5	5.5	5.5	100.0
2	2990.0-2999.5	5.5-15.0	9.5	9.5	100.0
3	2999.5-3009.0	15.0-24.5	9.5	8.0	84.2
4	3009.0-3018.5	24.5-34.0	9.5	8.0	84.2
5	3018.5-3028.0	34.0-43.5	9.5	7.5	78.9
6	3028.0-3037.5	43.5-53.0	9.5	4.5	47.4
7	3037.5-3047.0	53.0-62.5	9.5	6.0	63.2
8	3047.0-3056.5	62.5-72.0	9.5	8.5	89.5
9	3056.5-3066.0	72.0-81.5	9.5	9.5	100.0
10	3066.0-3075.5	81.5-91.0	9.5	9.0	94.7
11	3075.5-3085.0	91.0-100.5	9.5	5.5	57.9
12	3085.0-3094.5	100.5-110.0	9.5	9.5	100.0
13	3094.5-3104.0	110.0-119.5	9.5	9.5	100.0
14	3104.0-3113.5	119.5-129.0	9.5	5.0	52.6
15	3113.5-3123.0	129.0-138.5	9.5	5.0	52.6
16	3123.0-3132.5	138.5-148.0	9.5	4.5	47.4
17	3132.5-3142.0	148.0-157.5	9.5	4.0	42.1
18	3142.0-3151.5	157.5-167.0	9.5	8.5	89.5
19	3151.5-3161.0	167.0-176.5	9.5	5.5	57.9
20	3161.0-3170.5	176.5-186.0	9.5	3.5	36.8
21	3170.5-3180.0	186.0-195.5	9.5	5.5	57.9
22	3180.0-3189.5	195.5-205.0	9.5	7.0	73.7
23	3189.5-3199.0	205.0-214.5	9.5	3.5	36.8
24	3199.0-3208.5	214.5-224.0	9.5	7.0	73.7
25	3208.5-3218.0	224.0-233.5	9.5	7.5	78.9
26	3218.0-3227.5	233.5-243.0	9.5	5.5	57.9
27	3227.5-3237.0	243.0-252.5	9.5	6.0	63.2
28	3237.0-3246.5	252.5-262.0	9.5	4.5	47.4
29	3246.5-3256.0	262.0-271.5	9.5	3.0	31.6
30	3256.0-3265.5	271.5-281.0	9.5	1.0	10.5
31	3265.5-3270.0	281.0-285.5	4.5	1.0	22.2
32	3270.0-3279.5	285.5-295.0	9.5	CC	-
33	3279.5-3289.0	295.0-304.5	9.5	-	-
34	3289.0-3295.0	304.5-310.5	6.0	4.0	66.7
35	3295.0-3304.5	310.5-320.0	9.5	3.5	36.8
36	3304.5-3307.0	320.0-322.5	2.5	0.5	20.0
37	3307.0-3312.5	322.5-328.0	5.5	CC	-
38	3312.5-3318.0	328.0-333.5	5.5	CC	-

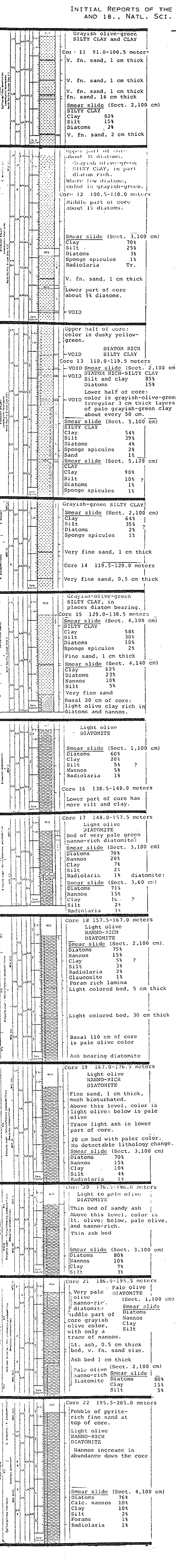


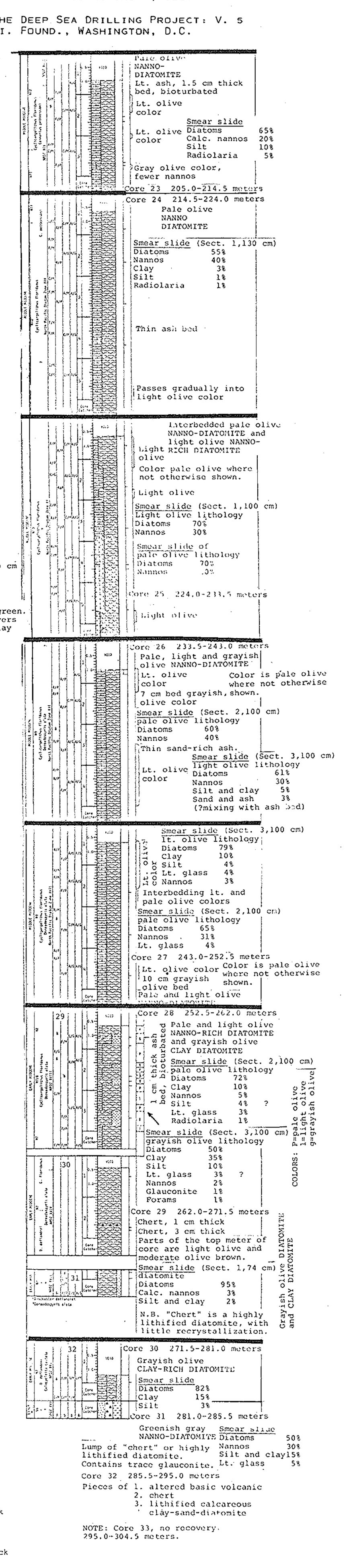
For Information about DSDP data, contact:
B.J. LONG
Scripps Institution of Oceanography

FOR DEEP SEA DRILLING PROJECT SITES SHOWN, SEE:

INITIAL REPORTS OF THE DEEP SEA DRILLING PROJECT: V. 5 AND 18., NATL. SCI. FOUND., WASHINGTON, D.C.







Drilling Summary of Leg 5, Site 32

Date	Core	Depth Below Sea Floor (m)	Depth Below Rig Floor (ft)	Core Cut (ft)	Core Cut (m)	Core Recovered (ft)	Core Recovered (m)	Per Cent Recovered
16 April	32-1	0-9	15,643-15,673	30	9.1	30.0	9.1	100
	32-2	33-42	15,750-15,780	30	9.1	0.0	0.0	0
	32-3	80-90	15,907-15,937	30	9.1	30.0	9.1	100
	32-4	90-99	15,937-15,967	30	9.1	30.0	9.1	100
	32-5	99-108	15,967-15,997	30	9.1	30.0	9.1	100
	32-6	108-117	15,997-16,027	30	9.1	30.0	9.1	100
17 April	32-7	138-147	16,095-16,125	30	9.1	15.0	4.6	50
	32-8	166-176	16,190-16,220	30	9.1	30.0	9.1	100
	32-9	176-185	16,220-16,250	30	9.1	30.0	9.1	100
	32-10	185-194	16,250-16,280	30	9.1	16.0	4.9	53
	32-11	194-203	16,280-16,310	30	9.1	12.0	3.7	40
	32-12	203-212	16,310-16,340	30	9.1	30.0	9.1	100
	32-13a	212-214	16,340-16,345	5	1.5	0.5	1.5	10
18 April	32-14b	214-215	16,346-16,349	3	0.9	1.0	0.3	33
	Totals			368	111.6	284.5	87.8	77c

Drilling Summary of Leg 5, Site 33

Date	Core	Depth Below Sea Floor (m)	Depth Below Rig Floor (ft)	Core Cut (ft)	Core Cut (m)	Core Recovered (ft)	Core Recovered (m)	Per Cent Recovered
20 April	1	0-9	14,091-14,121	30	9.1	30.0	9.1	100
	2	9-18	14,121-14,151	30	9.1	30.0	9.1	100
	3	47-56	14,245-14,275	30	9.1	30.0	9.1	100
	4	95-104	14,403-14,433	30	9.1	25.0	7.6	83
	5	152-161	14,558-14,588	30	9.1	30.0	9.1	100
	6	219-228	14,780-14,810	30	9.1	30.0	9.1	100
	7	228-237	14,810-14,840	30	9.1	30.0	9.1	100
21 April	8	237-246	14,840-14,870	30	9.1	30.0	9.1	100
	9	247-256	14,872-14,902	30	9.1	25.3	7.7	84
	10a	256-265	14,902-14,932	30	9.1	30.0	9.1	100
	11	265-275	14,932-14,962	30	9.1	10.0	3.1	33
	12	275-284	14,962-14,992	30	9.1	30.0	9.1	100
	13	284-293	14,992-15,022	30	9.1	30.0	9.1	100
	14b	293-293	15,022-15,023	1	0.3	1.0	0.3	100
	15	293-295	15,023-15,028	7	2.1	6.0	1.8	86
	Totals			398	120.7	367.3	111.5	92

Drilling Summary of Leg 5, Site 34

Date	Core	Depth Below Sea Floor (m)	Depth Below Rig Floor (ft)	Core Cut (ft)	Core Cut (m)	Core Recovered (ft)	Core Recovered (m)	Per Cent Recovered
23 April	1a	20-29	14,287-14,317	30	9.1	30	9.1	100
	2	29-38	14,317-14,347	30	9.1	30	9.1	100
	3	75-84	14,467-14,497	30	9.1	30	9.1	100
24 April	4	107-116	14,571-14,601	30	9.1	30	9.1	100
	5	116-125	14,601-14,631	30	9.1	30	9.1	100
	6	125-134	14,631-14,661	30	9.1	30	9.1	100
	7	134-143	14,661-14,691	30	9.1	30	9.1	100
	8	165-174	14,760-14,790	30	9.1	30	9.1	100
	9	212-221	14,915-14,945	30	9.1	30	9.1	100
25 April	10	269-278	15,103-15,133	30	9.1	30	9.1	100
	11b	278-284	15,133-15,152	19	5.8	10	3.1	53
	12	284-294	15,152-15,182	30	9.1	8	2.4	27
	13	297-306	15,192-15,222	30	9.1	5	1.5	17
26 April	14	337-345	15,324-15,350	26	7.9	6	1.8	23
	15	345-348	15,350-15,359	9	2.7	6	1.8	67
	16	348-352	15,359-15,374	15	4.6	7	2.1	47
27 April	17	352-356	15,374-15,386	12	3.7	2	0.6	17
28 April	18	383-384	15,477-15,481	4	1.2	3	0.9	75
	Totals			445	135.1	347	105.2	78

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CALCOFI ATLASES ARE ISSUED AS INDIVIDUAL UNITS AS THEY BECOME AVAILABLE. THEY PROVIDE PROCESSED PHYSICAL, CHEMICAL AND BIOLOGICAL MEASUREMENTS OF THE CALIFORNIA CURRENT REGION. EACH NUMBER MAY CONTAIN ONE OR MORE CONTRIBUTIONS. A GENERAL DESCRIPTION OF THE CALCOFI PROGRAM WITH ITS OBJECTIVES APPEARS IN THE PREFACE OF ATLAS NO. 2.

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